FCC Radio Test Report

FCC ID	:	**RX3-WBU058LGA**
Equipment	:	**IEEE 802.11 a/b/g/n/ac/ax 2x2+Bluetooth v5.2 Wireless Adapter**
Brand Name	:	**Foxconn**
Model Name	:	**WBU058-LGA**
Applicant	:	**Hon Hai Precision Industry Co., Ltd. No.151, Sec. 1, Nankan Rd., Lujhu Dist., Taoyuan City 33859, Taiwan**
Manufacturer	:	**Hon Hai Precision Industry Co., Ltd. No.151, Sec. 1, Nankan Rd., Lujhu Dist., Taoyuan City 33859, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Sep. 24, 2021, and testing was started from Oct. 04, 2021 and completed on Nov. 04, 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: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR192341AN	01	Initial issue of report	Feb. 15, 2022

Summary of Test Result

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

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

Reviewed by: Sam Tsai
Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW 20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW 40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW 80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

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

1.1.2 Antenna Information

Group	Ant.	Brand	Model Name	Antenna Type	Connector	Remark
A	1	Foxconn	79012F500-600-G	PIFA	I-PEX	WiFi
	2	Foxconn	79012F500-600-G	PIFA	I-PEX	
B	3	Foxconn	79012F300-600-G	PIFA	I-PEX	WiFi
	4	Foxconn	79012F300-600-G	PIFA	I-PEX	
C	5	Foxconn	79012F400-600-G	PIFA	I-PEX	WiFi
	6	Foxconn	79012F400-600-G	PIFA	I-PEX	
D	7	Foxconn	79012F200-600-G	PIFA	I-PEX	BT
	8	Foxconn	79012F200-600-G	PIFA	I-PEX	
E	9	Foxconn	79012F700-600-G	PIFA	I-PEX	BT
	10	Foxconn	79012F700-600-G	PIFA	I-PEX	
F	11	Foxconn	79012F600-600-G	PIFA	I-PEX	BT
	12	Foxconn	79012F600-600-G	PIFA	I-PEX	

Ant.	Port	Gain (dBi)					
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	BT
1	1	1.62	3.22	3.22	3.58	3.39	-
2	2	1.62	3.22	3.22	3.58	3.39	-
3	1	-0.73	1.83	1.83	2.56	2.45	-
4	2	-0.73	1.83	1.83	2.56	2.45	-
5	1	0.51	2.32	2.32	2.21	2.07	-
6	2	0.51	2.32	2.32	2.21	2.07	-
7	1	-	-	-	-	-	0.09
8	2	-	-	-	-	-	0.09
9	1	-	-	-	-	-	0.78
10	2	-	-	-	-	-	0.78
11	1	-	-	-	-	-	-0.02
12	2	-	-	-	-	-	-0.02

Note 1: The EUT has twelve antennas.

Note 2: EUT can match with above antennas for using. Higher gain (Group A and Group E) in each group of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

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

Port 1 and port 2 could transmit/receive simultaneously.

For BT function:

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 9(port 1) and it was recorded in this test report.

For 5GHz function:

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

Port 1 and port 2 could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From DC Power supply			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Client
Beamforming Function	☐	With beamforming	☒	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.675	1.71	708.438u	3k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.47	3.28	312.5u	10k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.466	3.32	310.938u	10k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.439	3.58	297.188u	10k

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

1.2 Testing Applied Standards

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

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

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

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Edward Wang	22.3~24.4°C / 54~58%	15/Oct/2021
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	04/Oct/2021~04/Nov/2021
Radiated	03CH03-HY	Edward Wang	22.3~24.7°C / 53~60%	06/Oct/2021~15/Oct/2021
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785**)**	**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 ℃	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	QATool_Dbgv0.0.2.39

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	7
5200MHz	7
5240MHz	8
5260MHz	8.5
5300MHz	9
5320MHz	9
5500MHz	8
5580MHz	8.5
5700MHz	8
5720MHz Straddle 5.47-5.725GHz	8.5
5720MHz Straddle 5.725-5.85GHz	8.5
5745MHz	8
5785MHz	8
5825MHz	7
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	7.5
5200MHz	7.5
5240MHz	8.5
5260MHz	9
5300MHz	9
5320MHz	9
5500MHz	8
5580MHz	9
5700MHz	8.5
5720MHz Straddle 5.47-5.725GHz	8
5720MHz Straddle 5.725-5.85GHz	8
5745MHz	8.5
5785MHz	8.5

Mode	Power Setting
5825MHz	7
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	8
5230MHz	9
5270MHz	9.5
5310MHz	10
5510MHz	8.5
5550MHz	10
5670MHz	8.5
5710MHz Straddle 5.47-5.725GHz	8.5
5710MHz Straddle 5.725-5.85GHz	8.5
5755MHz	9
5795MHz	9
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	9
5290MHz	11
5530MHz	9.5
5610MHz	9.5
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10
5775MHz	10.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	DC Power Supply 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	DC Power Supply mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	2.4GHz WLAN+Bluetooth
2	5GHz WLAN+Bluetooth
3	6GHz WLAN+Bluetooth
Refer to Sporton Test Report No.: FA192341 for Co-location RF Exposure Evaluation.	

2.3 Support Equipment

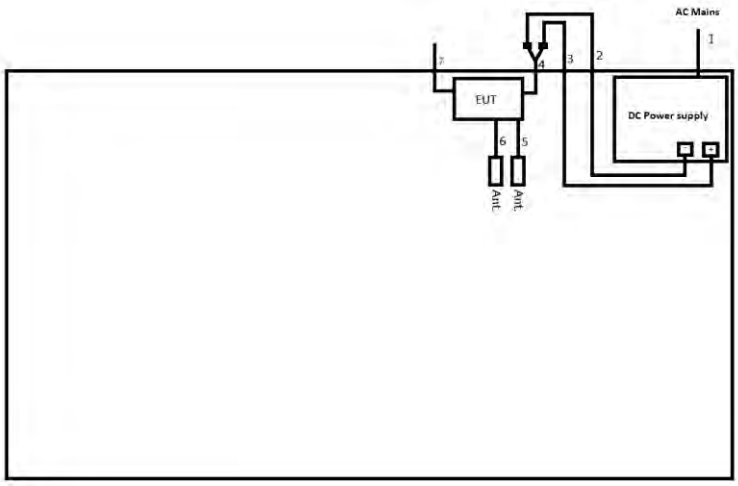
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	DC Power Supply	GW	GPS-3030DD	-	-
2	DC Power cable(Red)	MiSUMi	WTN1228-RED	-	-
3	DC Power cable(Black)	MiSUMi	WTN1228-BLACK	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	DC Power Supply	GW	GPS-3030DD	-	-
4	DC Power cable(Red)	MiSUMi	WTN1228-RED	-	-
5	DC Power cable(Black)	MiSUMi	WTN1228-BLACK	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	DC Power Supply	GW	GPS-3030DD	-	-
2	DC Power cable(Red)	MiSUMi	WTN1228-RED	-	-
3	DC Power cable(Black)	MiSUMi	WTN1228-BLACK	-	-

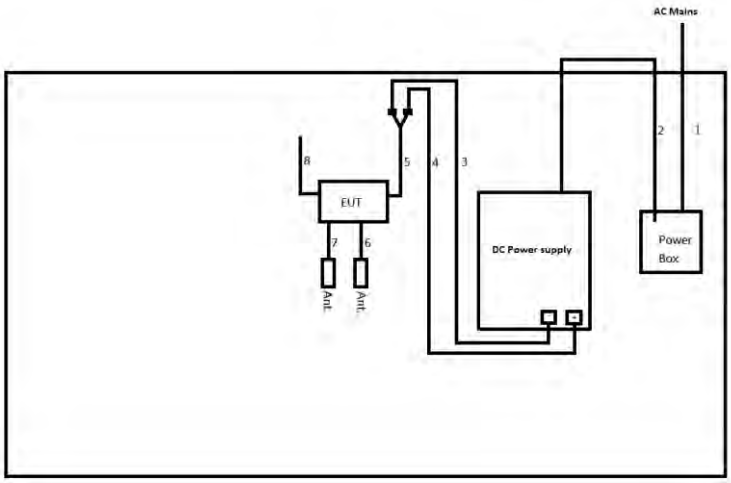
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)
1	AC Power cable	No	1.8
2	DC Power cable(-)	No	1.0
3	DC Power cable(+)	No	1.0
4	DC Power cable	No	0.28
5	Ant. cable	No	0.2
6	Ant. cable	No	0.2
7	USB cable	No	0.25

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)
1	AC Power cable	No	1.8
2	AC Power cable	No	1.8
3	DC Power cable(-)	No	1.0
4	DC Power cable(+)	No	1.0
5	DC Power cable	Yes	0.28
6	Ant. cable	No	0.2
7	Ant. cable	No	0.2
8	USB cable	No	0.25

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

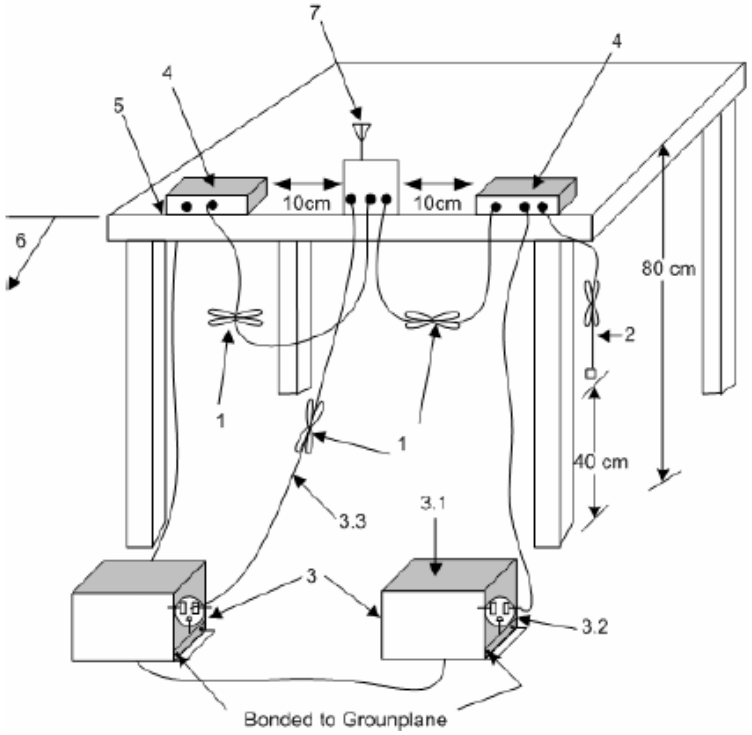
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

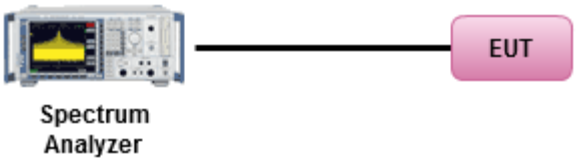
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

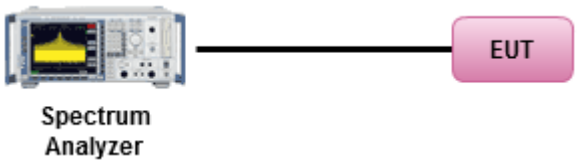
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup

For Straddle channel

RF Output Power (Spectrum Analyzer)


For Other channel

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

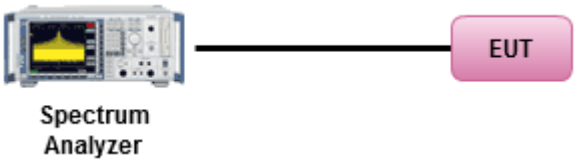
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT. Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.			

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

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

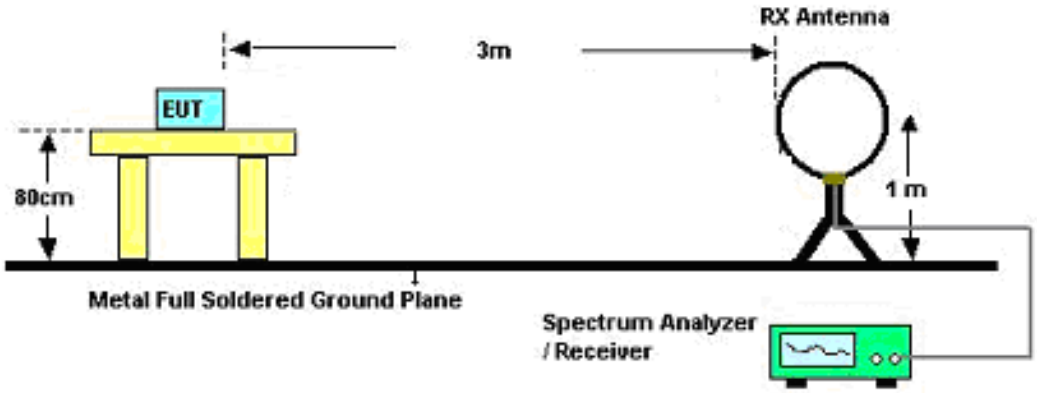
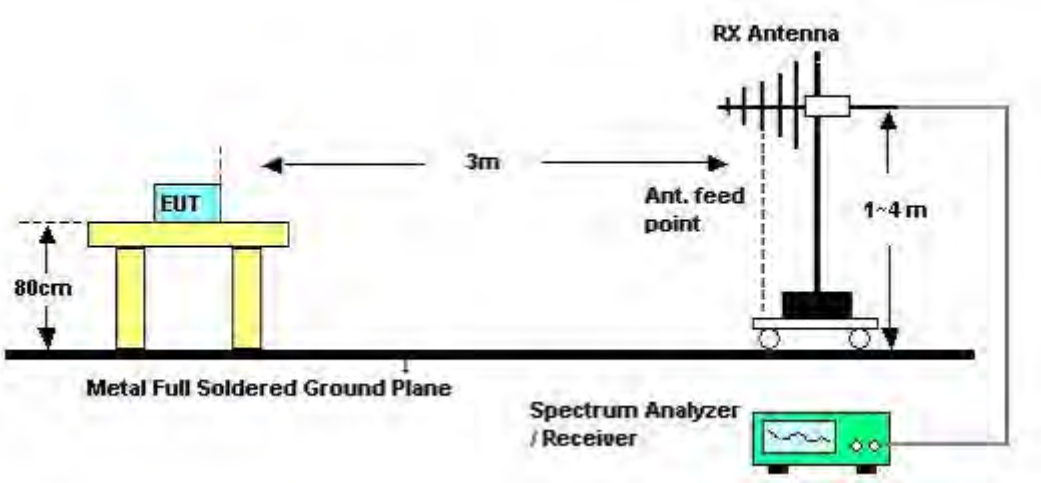
3.5.3 Test Procedures

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

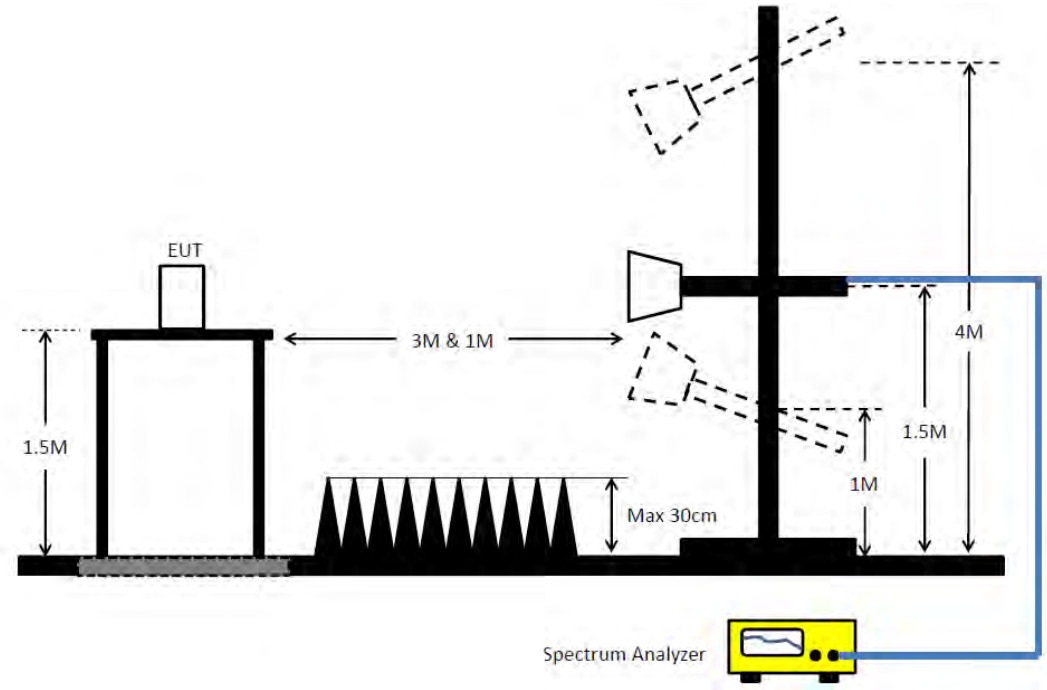
3.5.4 Measurement Results Calculation

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

3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	15/Sep/2021	14/Sep/2022
SENSE-EMI	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	23/Nov/2020	22/Nov/2021
SENSE 15407_NII	Sporton	v5.10.7.17	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
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	24/Mar/2021	23/Mar/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	16/Jun/2021	15/Jun/2022
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	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE 15407_NII	Sporton	v5.10.7.13	N/A	N/A	N/A	N/A

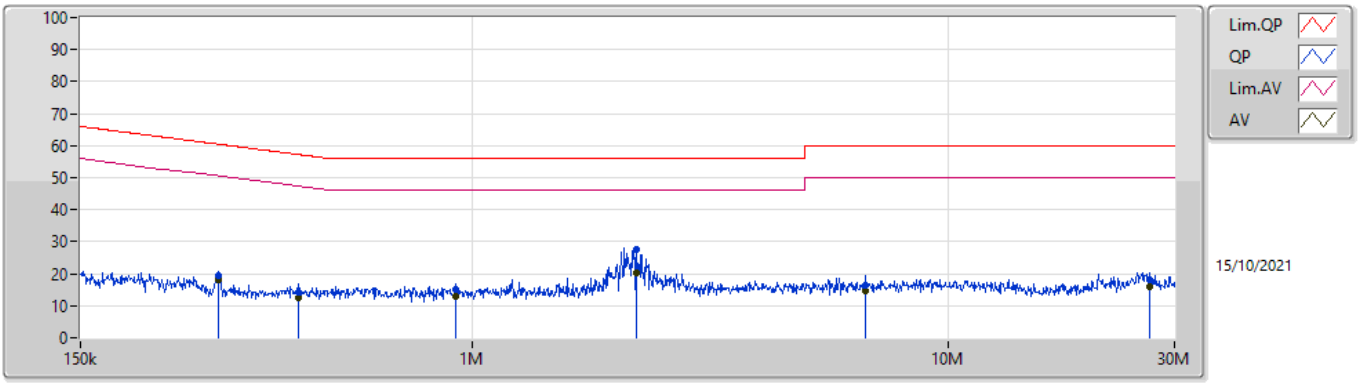
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	2.211M	20.22	46.00	-25.78	Line

Mode Configure

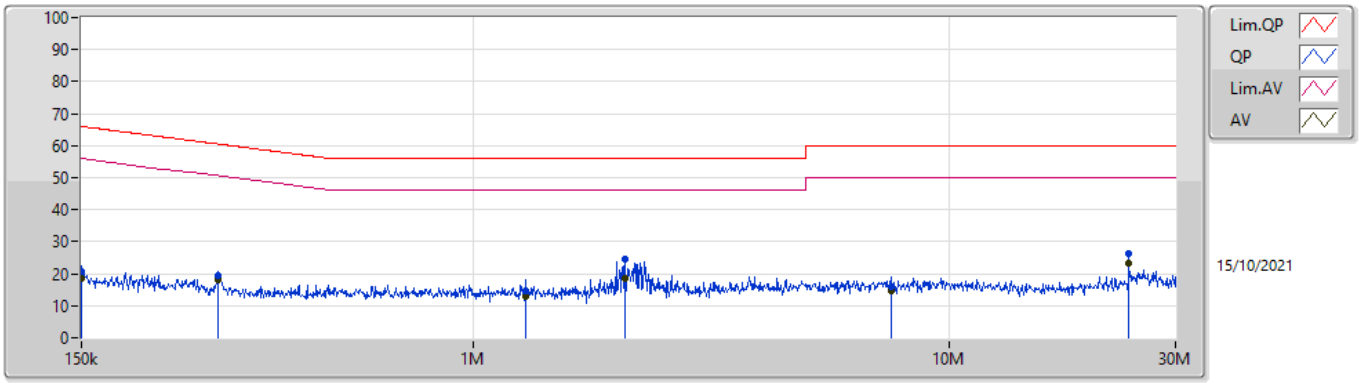
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	293.329k	19.48	60.44	-40.96	Line	-
Mode 1	Pass	AV	293.329k	18.11	50.44	-32.33	Line	-
Mode 1	Pass	QP	432.041k	14.16	57.20	-43.04	Line	-
Mode 1	Pass	AV	432.041k	12.45	47.20	-34.75	Line	-
Mode 1	Pass	QP	922.424k	15.11	56.00	-40.89	Line	-
Mode 1	Pass	AV	922.424k	12.95	46.00	-33.05	Line	-
Mode 1	Pass	QP	2.211M	27.40	56.00	-28.60	Line	-
Mode 1	Pass	AV	2.211M	20.22	46.00	-25.78	Line	-
Mode 1	Pass	QP	6.735M	16.37	60.00	-43.63	Line	-
Mode 1	Pass	AV	6.735M	14.77	50.00	-35.23	Line	-
Mode 1	Pass	QP	26.59M	18.02	60.00	-41.98	Line	-
Mode 1	Pass	AV	26.59M	16.11	50.00	-33.89	Line	-
Mode 1	Pass	QP	150k	20.53	66.00	-45.47	Neutral	-
Mode 1	Pass	AV	150k	18.38	56.00	-37.62	Neutral	-
Mode 1	Pass	QP	290.996k	19.48	60.49	-41.01	Neutral	-
Mode 1	Pass	AV	290.996k	18.21	50.49	-32.28	Neutral	-
Mode 1	Pass	QP	1.29M	14.85	56.00	-41.15	Neutral	-
Mode 1	Pass	AV	1.29M	12.93	46.00	-33.07	Neutral	-
Mode 1	Pass	QP	2.091M	24.46	56.00	-31.54	Neutral	-
Mode 1	Pass	AV	2.091M	18.74	46.00	-27.26	Neutral	-
Mode 1	Pass	QP	7.561M	15.94	60.00	-44.06	Neutral	-
Mode 1	Pass	AV	7.561M	14.70	50.00	-35.30	Neutral	-
Mode 1	Pass	QP	23.968M	26.34	60.00	-33.66	Neutral	-
Mode 1	Pass	AV	23.968M	23.30	50.00	-26.70	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	293.329k	19.48	60.44	-40.96	19.61	Line	-	-0.13	9.67	0.05	9.89
AV	293.329k	18.11	50.44	-32.33	19.61	Line	-	-1.50	9.67	0.05	9.89
QP	432.041k	14.16	57.20	-43.04	19.62	Line	-	-5.46	9.67	0.06	9.89
AV	432.041k	12.45	47.20	-34.75	19.62	Line	-	-7.17	9.67	0.06	9.89
QP	922.424k	15.11	56.00	-40.89	19.64	Line	-	-4.53	9.67	0.08	9.89
AV	922.424k	12.95	46.00	-33.05	19.64	Line	-	-6.69	9.67	0.08	9.89
QP	2.211M	27.40	56.00	-28.60	19.67	Line	-	7.73	9.68	0.11	9.88
AV	2.211M	20.22	46.00	-25.78	19.67	Line	-	0.55	9.68	0.11	9.88
QP	6.735M	16.37	60.00	-43.63	19.77	Line	-	-3.40	9.71	0.17	9.89
AV	6.735M	14.77	50.00	-35.23	19.77	Line	-	-5.00	9.71	0.17	9.89
QP	26.59M	18.02	60.00	-41.98	19.79	Line	-	-1.77	9.57	0.33	9.89
AV	26.59M	16.11	50.00	-33.89	19.79	Line	-	-3.68	9.57	0.33	9.89

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	20.53	66.00	-45.47	19.62	Neutral	-	0.91	9.69	0.04	9.89
AV	150k	18.38	56.00	-37.62	19.62	Neutral	-	-1.24	9.69	0.04	9.89
QP	290.996k	19.48	60.49	-41.01	19.61	Neutral	-	-0.13	9.67	0.05	9.89
AV	290.996k	18.21	50.49	-32.28	19.61	Neutral	-	-1.40	9.67	0.05	9.89
QP	1.29M	14.85	56.00	-41.15	19.65	Neutral	-	-4.80	9.67	0.09	9.89
AV	1.29M	12.93	46.00	-33.07	19.65	Neutral	-	-6.72	9.67	0.09	9.89
QP	2.091M	24.46	56.00	-31.54	19.66	Neutral	-	4.80	9.68	0.10	9.88
AV	2.091M	18.74	46.00	-27.26	19.66	Neutral	-	-0.92	9.68	0.10	9.88
QP	7.561M	15.94	60.00	-44.06	19.79	Neutral	-	-3.85	9.72	0.18	9.89
AV	7.561M	14.70	50.00	-35.30	19.79	Neutral	-	-5.09	9.72	0.18	9.89
QP	23.968M	26.34	60.00	-33.66	19.94	Neutral	-	6.40	9.73	0.32	9.89
AV	23.968M	23.30	50.00	-26.70	19.94	Neutral	-	3.36	9.73	0.32	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.39M	17.451M	17M5D1D	19.89M	16.493M
802.11ax HEW20_Nss1,(MCS0)_2TX	28.23M	19.13M	19M1D1D	19.95M	18.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.6M	37.661M	37M7D1D	39.3M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.28M	76.882M	76M9D1D	80.16M	76.762M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	28.29M	17.483M	17M5D1D	24.36M	17.013M
802.11ax HEW20_Nss1,(MCS0)_2TX	27.03M	19.07M	19M1D1D	22.29M	19.04M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.72M	37.541M	37M5D1D	39.48M	37.541M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.28M	77.001M	77M0D1D	80.16M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	32.91M	17.428M	17M4D1D	17.205M	13.633M
802.11ax HEW20_Nss1,(MCS0)_2TX	33.63M	19.1M	19M1D1D	16.29M	14.528M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.66M	37.601M	37M6D1D	34.79M	33.618M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.28M	77.001M	77M0D1D	75M	72.864M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	17.421M	17M4D1D	3.1M	5.119M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.78M	19.1M	19M1D1D	4.38M	4.718M
802.11ax HEW40_Nss1,(MCS0)_2TX	35.1M	37.661M	37M7D1D	3.92M	4.118M
802.11ax HEW80_Nss1,(MCS0)_2TX	75M	76.882M	76M9D1D	3.94M	4.138M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.76M	17.451M	27.33M	17.136M
5200MHz	Pass	Inf	27.39M	17.392M	26.85M	17.079M
5240MHz	Pass	Inf	20.01M	16.664M	19.89M	16.493M
5260MHz	Pass	Inf	26.52M	17.483M	24.36M	17.013M
5300MHz	Pass	Inf	27.72M	17.445M	27M	17.078M
5320MHz	Pass	Inf	28.29M	17.436M	25.5M	17.099M
5500MHz	Pass	Inf	32.91M	17.412M	28.47M	17.066M
5580MHz	Pass	Inf	26.55M	17.394M	25.05M	16.985M
5700MHz	Pass	Inf	27.24M	17.428M	24.72M	17.067M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.865M	13.892M	17.205M	13.633M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	5.336M	3.1M	5.119M
5745MHz	Pass	500k	15.72M	17.391M	16.29M	17.031M
5785MHz	Pass	500k	16.02M	17.331M	16.26M	17.031M
5825MHz	Pass	500k	16.02M	17.421M	16.26M	17.007M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.94M	19.1M	27.78M	19.1M
5200MHz	Pass	Inf	28.23M	19.07M	27.54M	19.13M
5240MHz	Pass	Inf	20.04M	18.831M	19.95M	18.831M
5260MHz	Pass	Inf	27.03M	19.04M	22.35M	19.04M
5300MHz	Pass	Inf	25.17M	19.04M	22.62M	19.04M
5320MHz	Pass	Inf	22.29M	19.04M	24.9M	19.07M
5500MHz	Pass	Inf	24.06M	19.07M	26.04M	19.07M
5580MHz	Pass	Inf	33.63M	19.07M	21.93M	19.04M
5700MHz	Pass	Inf	23.4M	19.1M	24.78M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.405M	14.558M	16.29M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	4.738M	4.38M	4.718M
5745MHz	Pass	500k	18.33M	19.1M	18.69M	19.04M
5785MHz	Pass	500k	18.72M	19.07M	18.48M	19.01M
5825MHz	Pass	500k	18.78M	19.04M	18.66M	19.01M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.54M	37.661M	39.3M	37.601M
5230MHz	Pass	Inf	39.6M	37.481M	39.48M	37.541M
5270MHz	Pass	Inf	39.48M	37.541M	39.54M	37.541M
5310MHz	Pass	Inf	39.72M	37.541M	39.6M	37.541M
5510MHz	Pass	Inf	39.66M	37.601M	39.54M	37.601M
5550MHz	Pass	Inf	39.42M	37.601M	39.54M	37.601M
5670MHz	Pass	Inf	39.54M	37.481M	39.54M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	33.618M	34.79M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.118M	3.92M	4.118M
5755MHz	Pass	500k	35.04M	37.601M	35.04M	37.541M
5795MHz	Pass	500k	35.1M	37.601M	35.04M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.16M	76.762M	80.28M	76.882M
5290MHz	Pass	Inf	80.28M	77.001M	80.16M	77.001M
5530MHz	Pass	Inf	80.16M	77.001M	80.28M	76.762M
5610MHz	Pass	Inf	80.04M	76.882M	80.28M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75M	72.864M	75.15M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.178M	3.98M	4.138M
5775MHz	Pass	500k	75M	76.882M	75M	76.882M

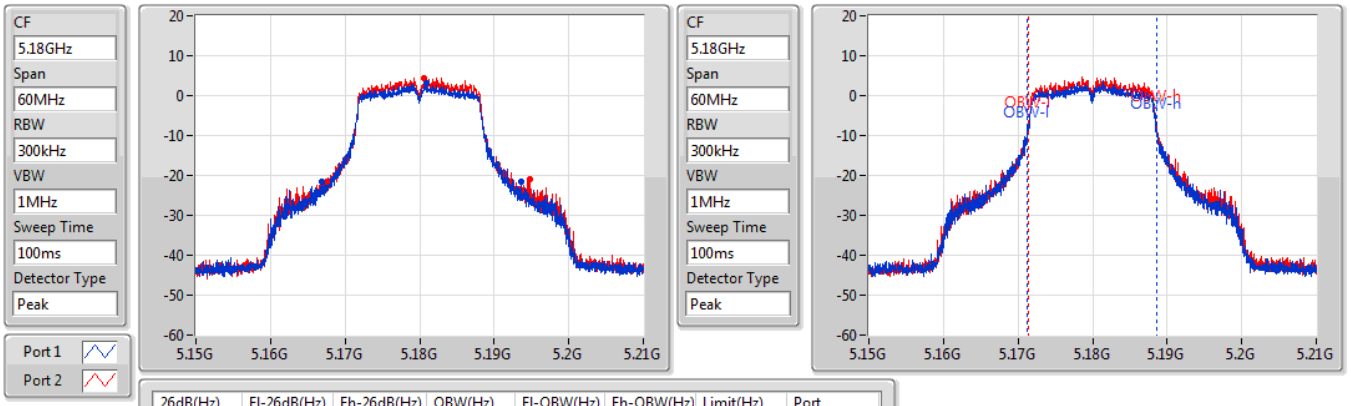
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

03/11/2021



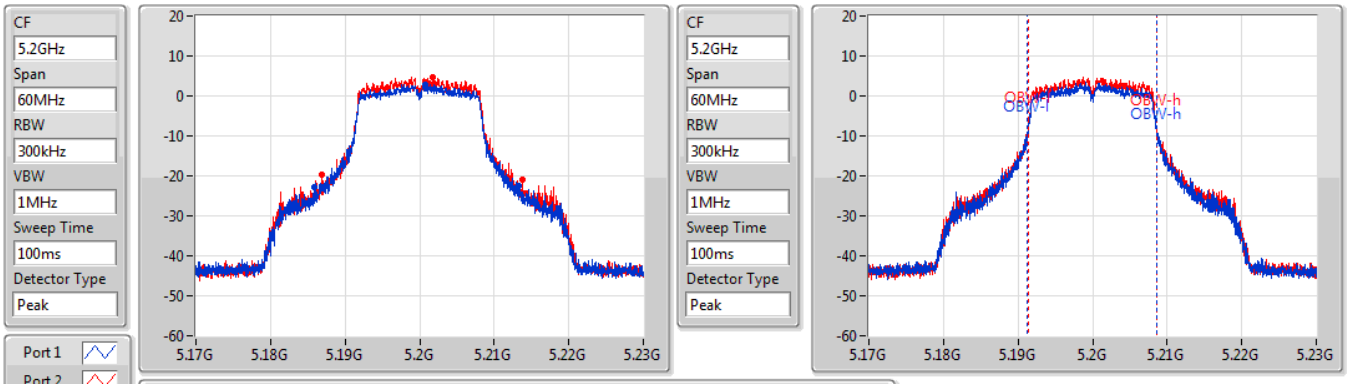
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.76M	5.16689G	5.19365G	17.451M	5.171213G	5.188663G	Inf	1
27.33M	5.16752G	5.19485G	17.136M	5.171426G	5.188562G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

03/11/2021

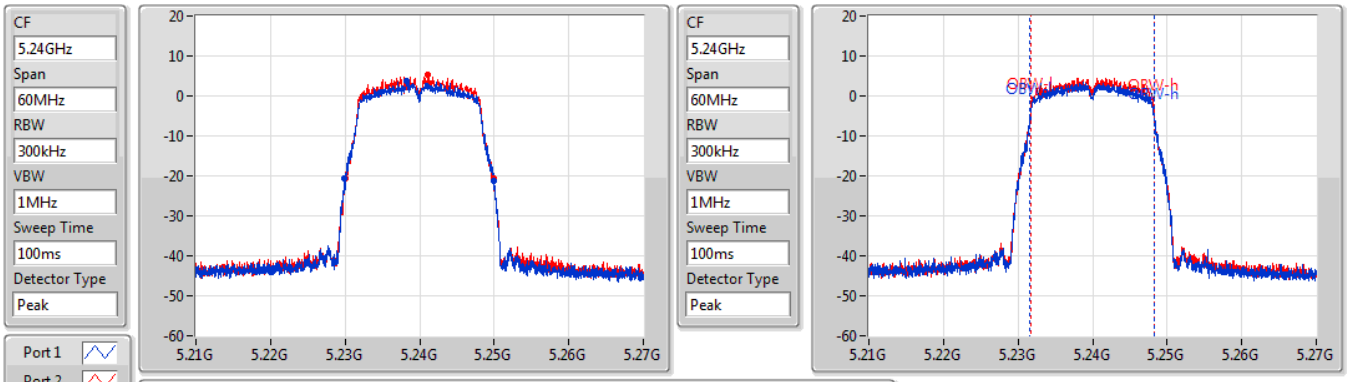


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.39M	5.1859G	5.21329G	17.392M	5.191268G	5.20866G	Inf	1
26.85M	5.18695G	5.2138G	17.079M	5.191463G	5.208542G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

03/11/2021

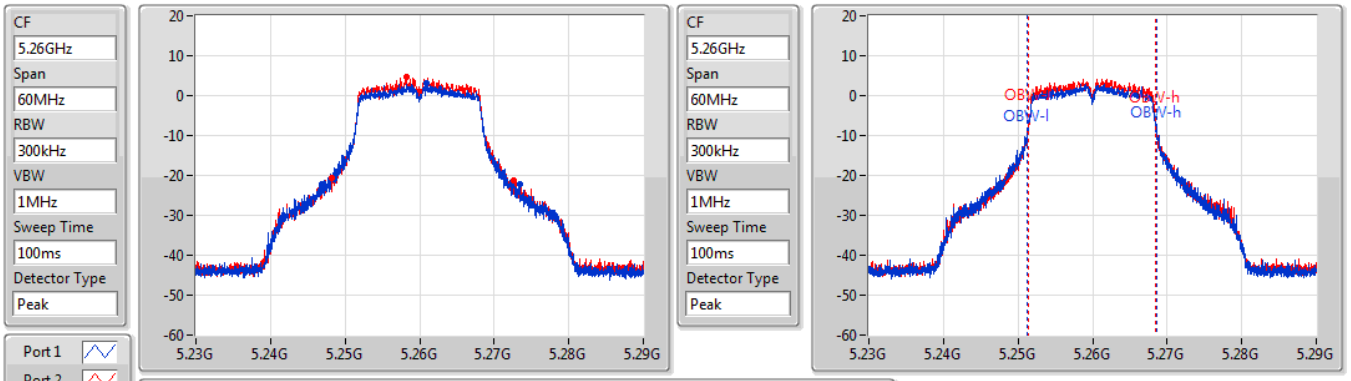


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.01M	5.22992G	5.24993G	16.664M	5.231615G	5.248279G	Inf	1
19.89M	5.22998G	5.24987G	16.493M	5.231706G	5.248199G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

03/11/2021

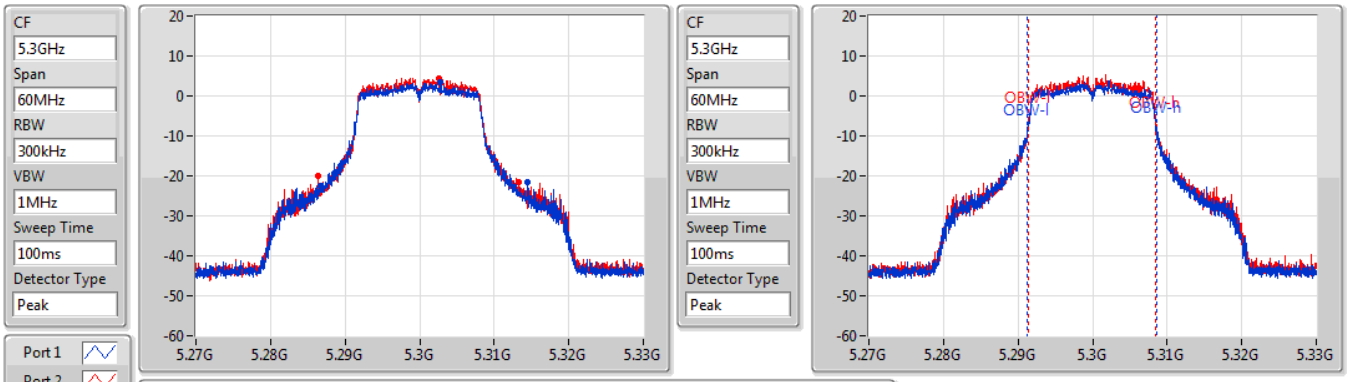


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.52M	5.24692G	5.27344G	17.483M	5.251185G	5.268668G	Inf	1
24.36M	5.24824G	5.2726G	17.013M	5.25147G	5.268483G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

03/11/2021

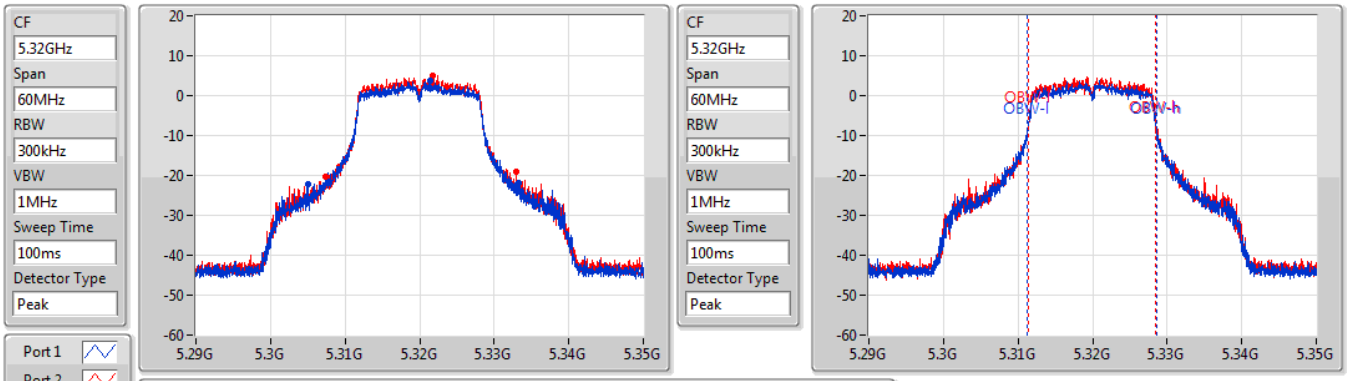


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.72M	5.28674G	5.31446G	17.445M	5.291163G	5.308608G	Inf	1
27M	5.28632G	5.31332G	17.078M	5.291438G	5.308515G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

03/11/2021

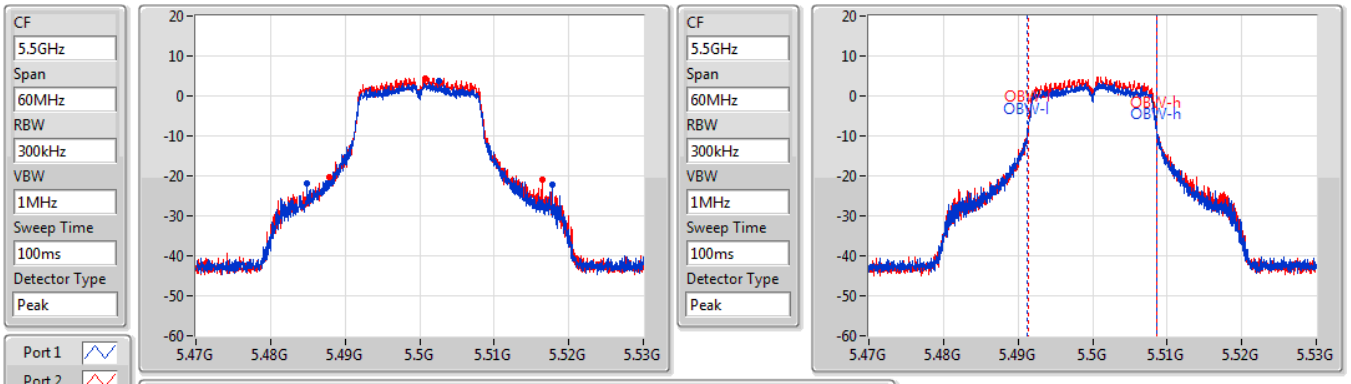


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.29M	5.30503G	5.33332G	17.436M	5.311183G	5.328618G	Inf	1
25.5M	5.3074G	5.3329G	17.099M	5.311417G	5.328516G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

03/11/2021

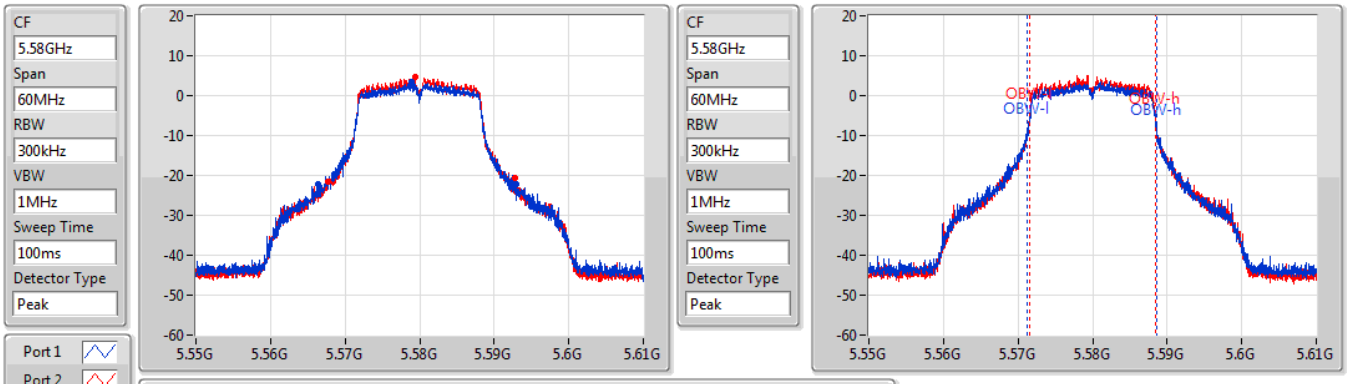


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.91M	5.48488G	5.51779G	17.412M	5.491254G	5.508666G	Inf	1
28.47M	5.48791G	5.51638G	17.066M	5.491461G	5.508527G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

03/11/2021

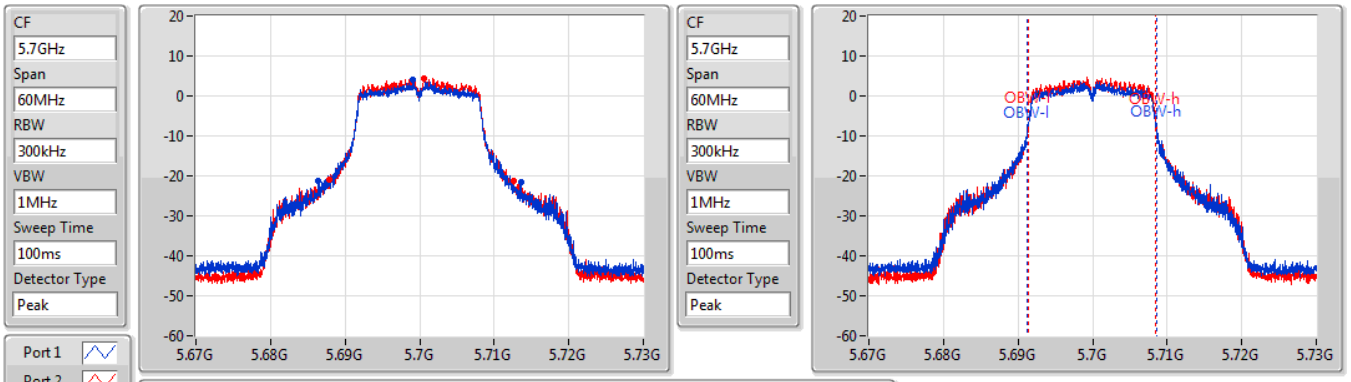


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.55M	5.56644G	5.59299G	17.394M	5.571251G	5.588645G	Inf	1
25.05M	5.5677G	5.59275G	16.985M	5.571482G	5.588466G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

03/11/2021

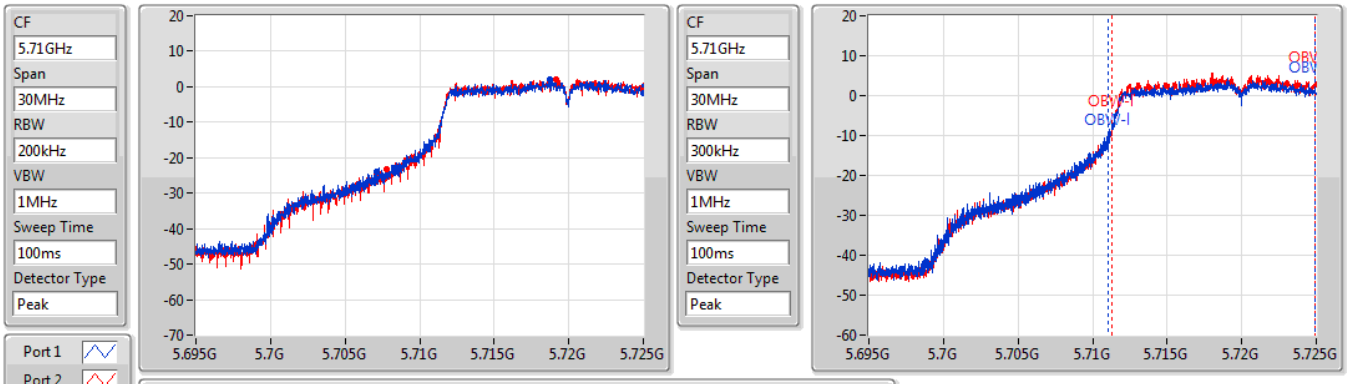


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.24M	5.68644G	5.71368G	17.428M	5.691185G	5.708613G	Inf	1
24.72M	5.68794G	5.71266G	17.067M	5.691423G	5.70849G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

03/11/2021

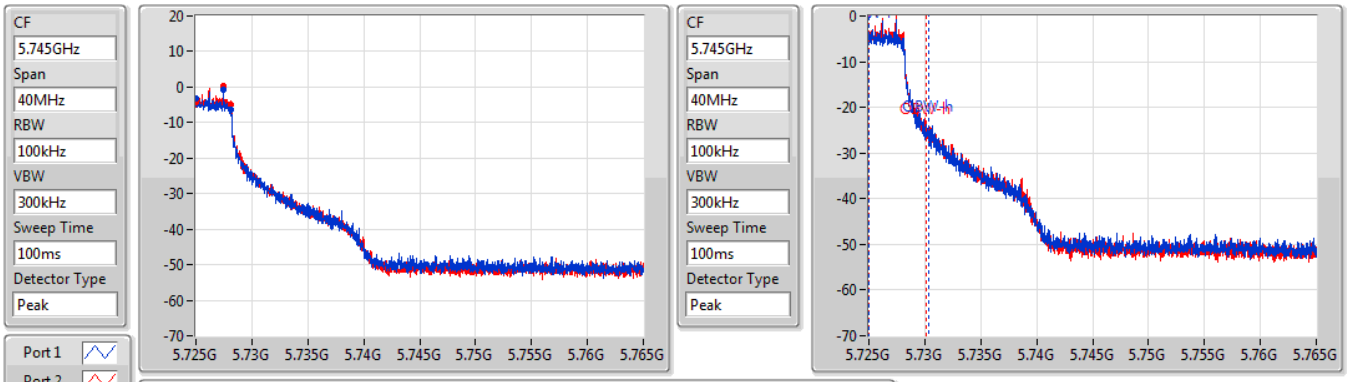


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.865M	5.707135G	5.725G	13.892M	5.711033G	5.724924G	Inf	1
17.205M	5.707795G	5.725G	13.633M	5.711312G	5.724944G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2021

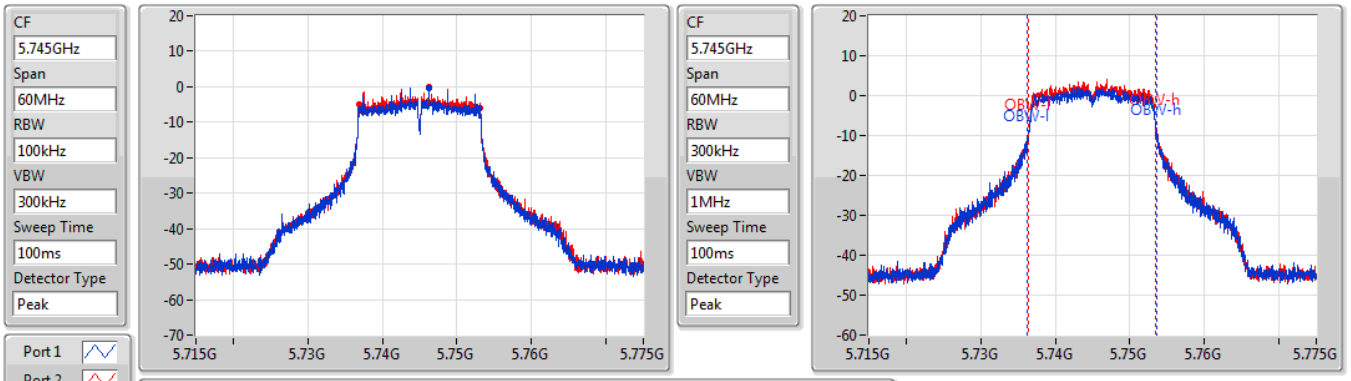


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	5.336M	5.725012G	5.730348G	500k	1
3.1M	5.725G	5.7281G	5.119M	5.725016G	5.730134G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

19/10/2021

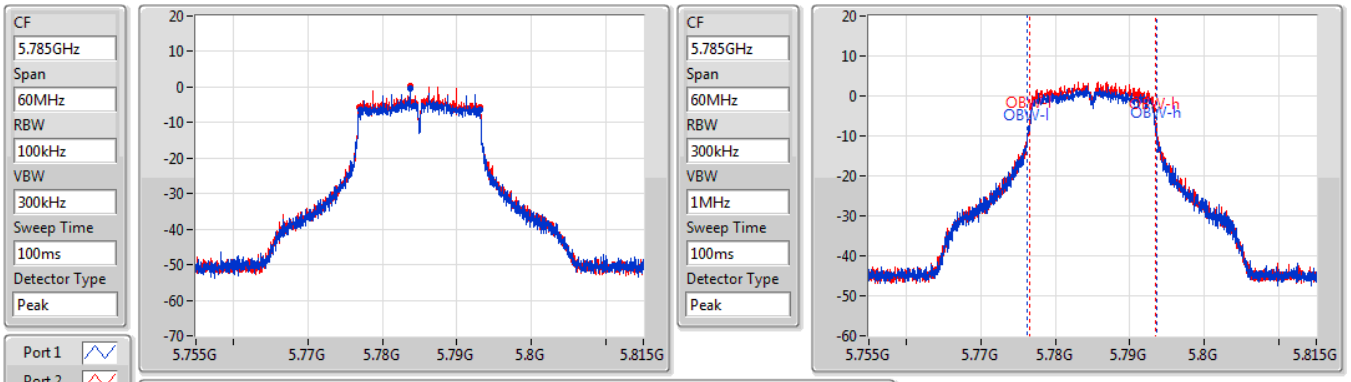


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.72M	5.73714G	5.75286G	17.391M	5.736274G	5.753666G	500k	1
16.29M	5.73684G	5.75313G	17.031M	5.736454G	5.753486G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

19/10/2021

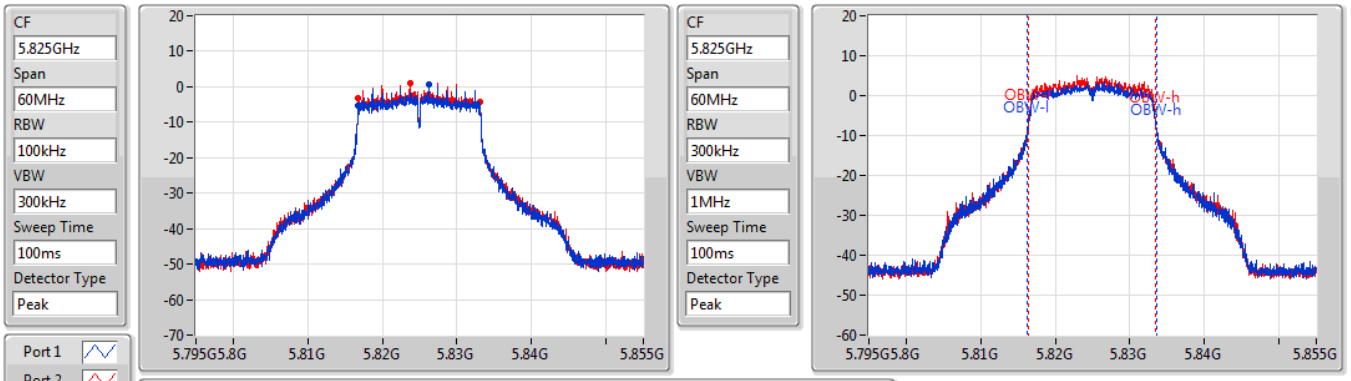


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.77708G	5.7931G	17.331M	5.776274G	5.793606G	500k	1
16.26M	5.77684G	5.7931G	17.031M	5.776484G	5.793516G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

03/11/2021

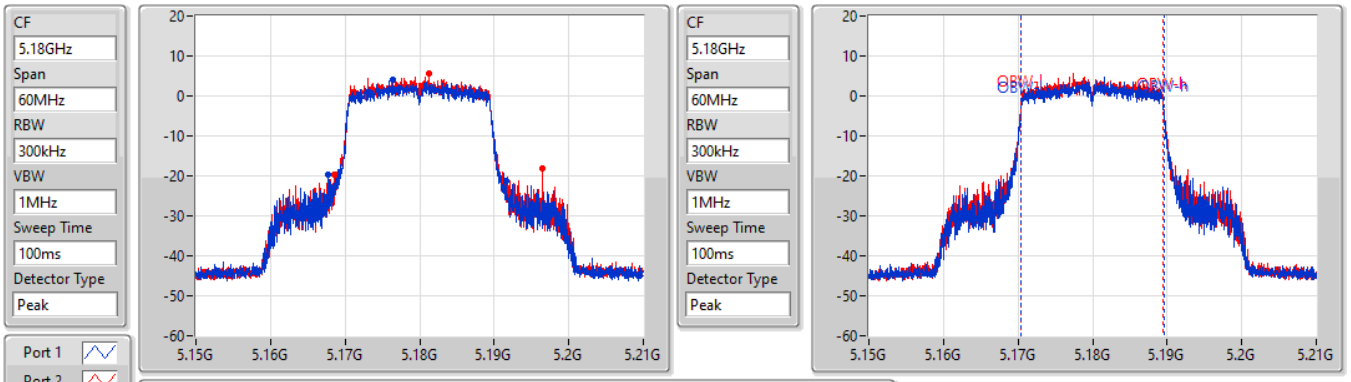


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.81681G	5.83283G	17.421M	5.816217G	5.833638G	500k	1
16.26M	5.81681G	5.83307G	17.007M	5.816458G	5.833465G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

03/11/2021

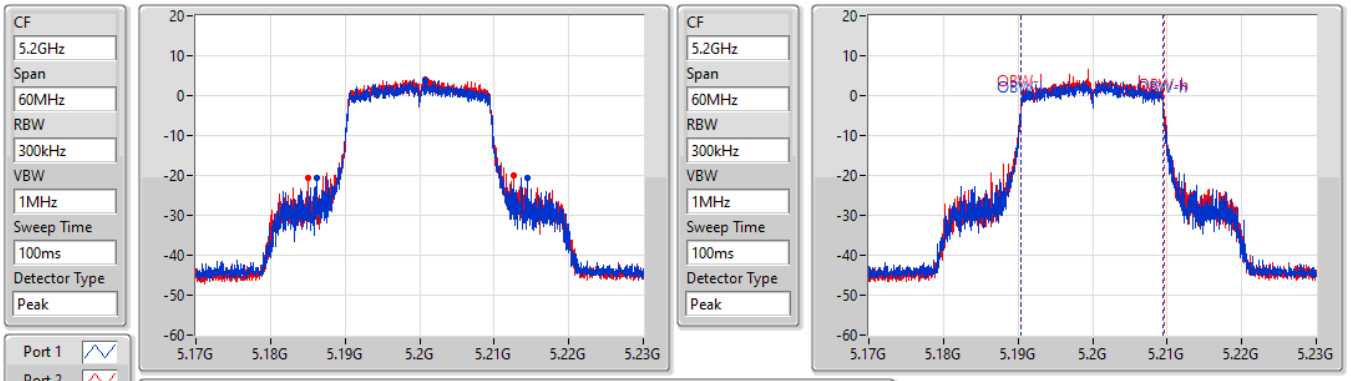


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.94M	5.16764G	5.19158G	19.1M	5.170435G	5.189535G	Inf	1
27.78M	5.16863G	5.19641G	19.1M	5.170405G	5.189505G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

03/11/2021

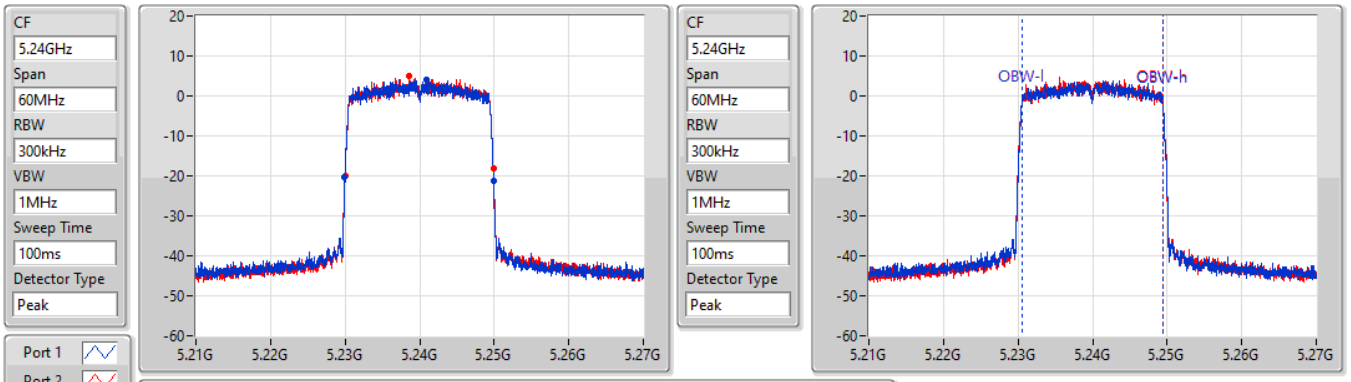


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.23M	5.18626G	5.21449G	19.07M	5.190435G	5.209505G	Inf	1
27.54M	5.18506G	5.2126G	19.13M	5.190405G	5.209535G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

03/11/2021

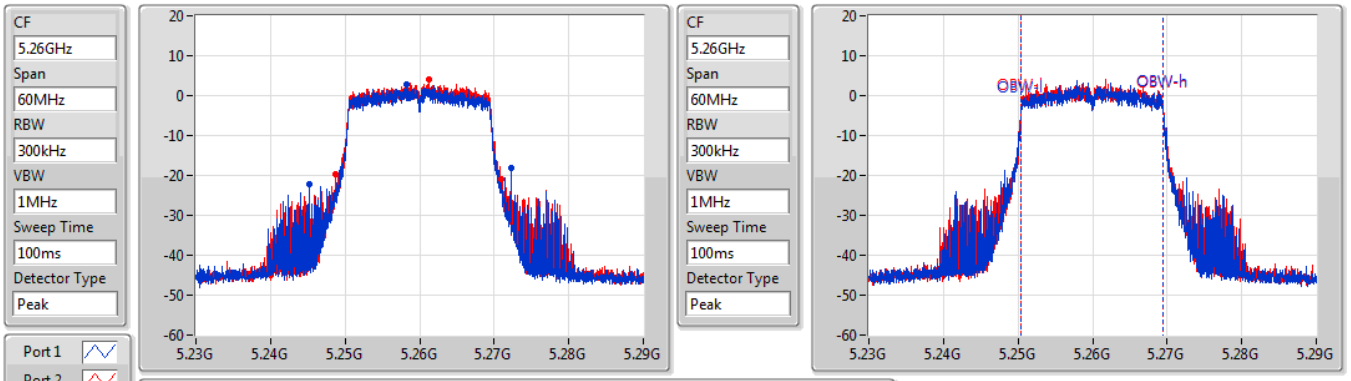


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.04M	5.22992G	5.24996G	18.831M	5.230555G	5.249385G	Inf	1
19.95M	5.22998G	5.24993G	18.831M	5.230555G	5.249385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

19/10/2021

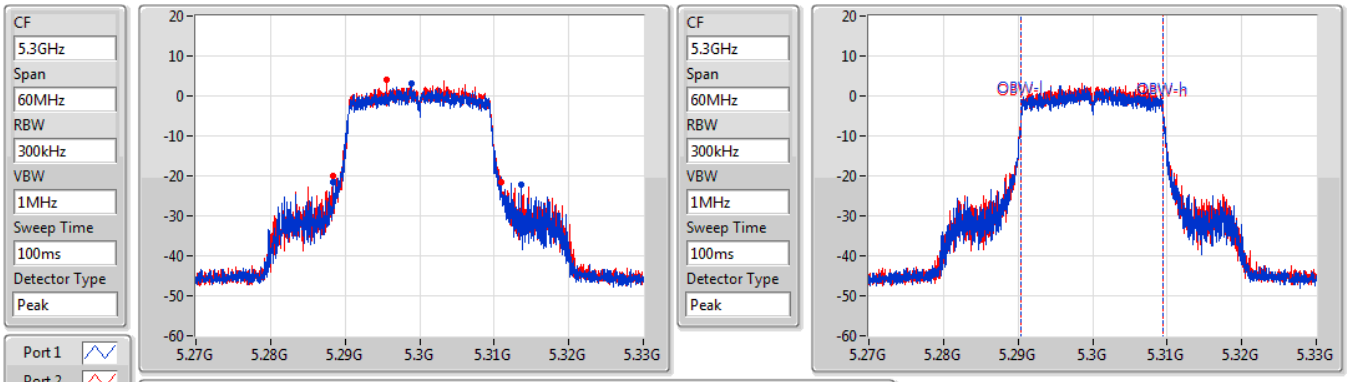


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.03M	5.24518G	5.27221G	19.04M	5.250435G	5.269475G	Inf	1
22.35M	5.24866G	5.27101G	19.04M	5.250465G	5.269505G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

19/10/2021

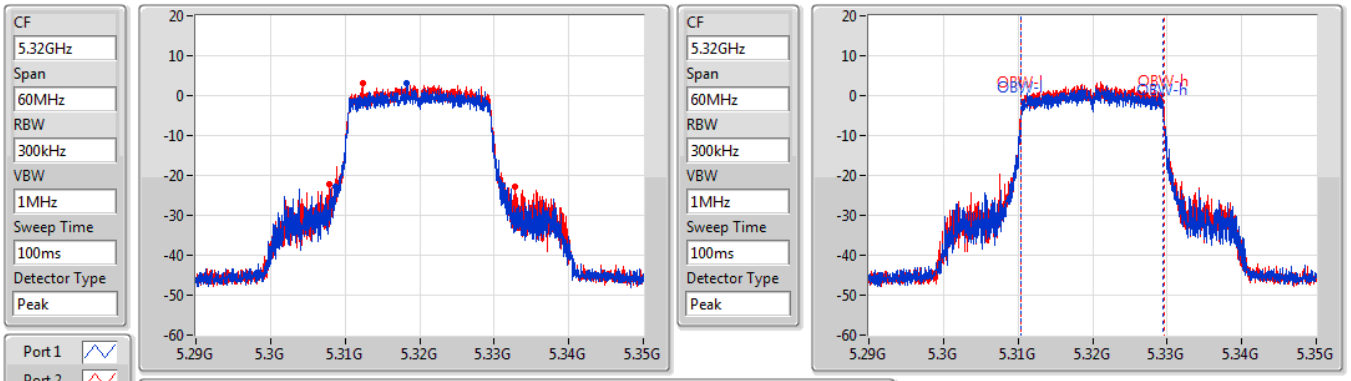


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.17M	5.28845G	5.31362G	19.04M	5.290465G	5.309505G	Inf	1
22.62M	5.28836G	5.31098G	19.04M	5.290465G	5.309505G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

19/10/2021

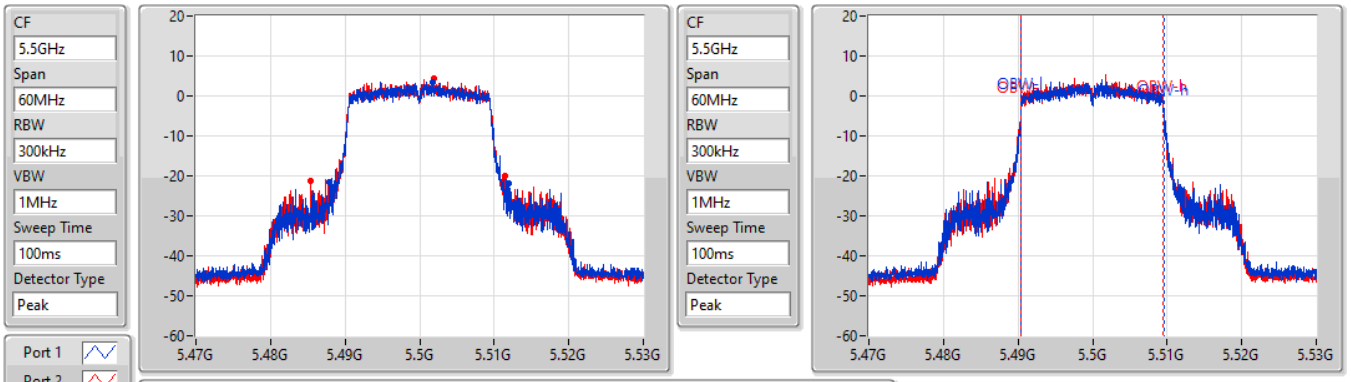


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.29M	5.30875G	5.33104G	19.04M	5.310465G	5.329505G	Inf	1
24.9M	5.30785G	5.33275G	19.07M	5.310465G	5.329535G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

03/11/2021

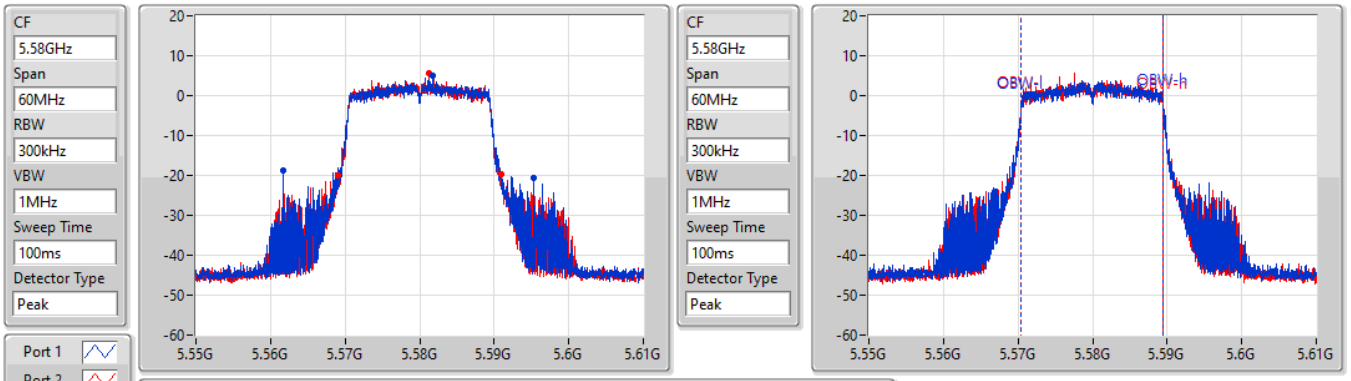


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.06M	5.48794G	5.512G	19.07M	5.490465G	5.509535G	Inf	1
26.04M	5.48545G	5.51149G	19.07M	5.490435G	5.509505G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

03/11/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.63M	5.56164G	5.59527G	19.07M	5.570435G	5.589505G	Inf	1
21.93M	5.56899G	5.59092G	19.04M	5.570465G	5.589505G	Inf	2

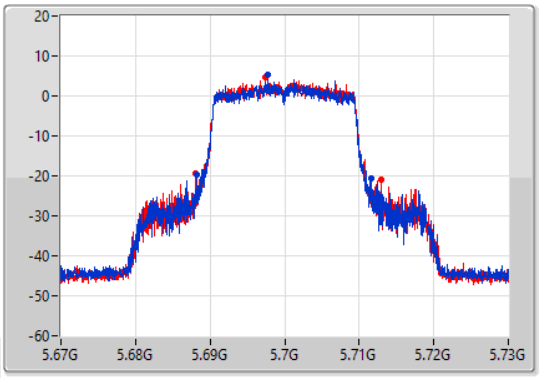
802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

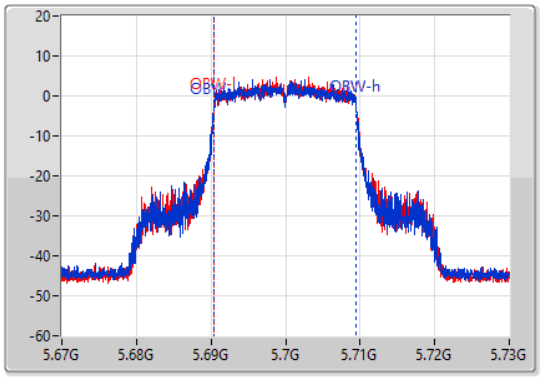
03/11/2021

CF 5.7GHz
Span 60MHz
RBW 300kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2



CF 5.7GHz
Span 60MHz
RBW 300kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.4M	5.68821G	5.71161G	19.1M	5.690405G	5.709505G	Inf	1
24.78M	5.68809G	5.71287G	19.07M	5.690435G	5.709505G	Inf	2

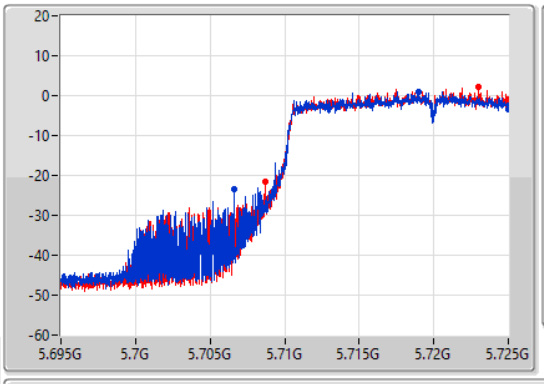
802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

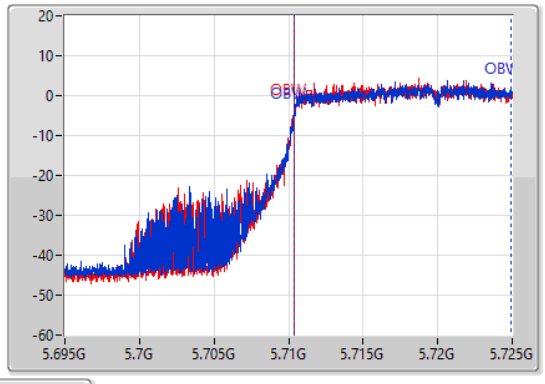
03/11/2021

CF 5.71GHz
Span 30MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2



CF 5.71GHz
Span 30MHz
RBW 300kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

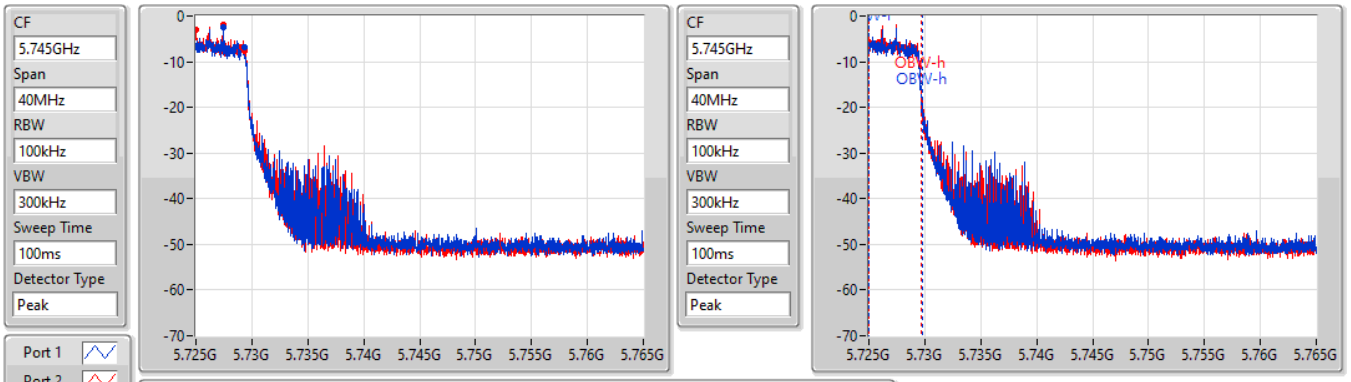


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.405M	5.706595G	5.725G	14.558M	5.710375G	5.724933G	Inf	1
16.29M	5.70871G	5.725G	14.528M	5.71039G	5.724918G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2021

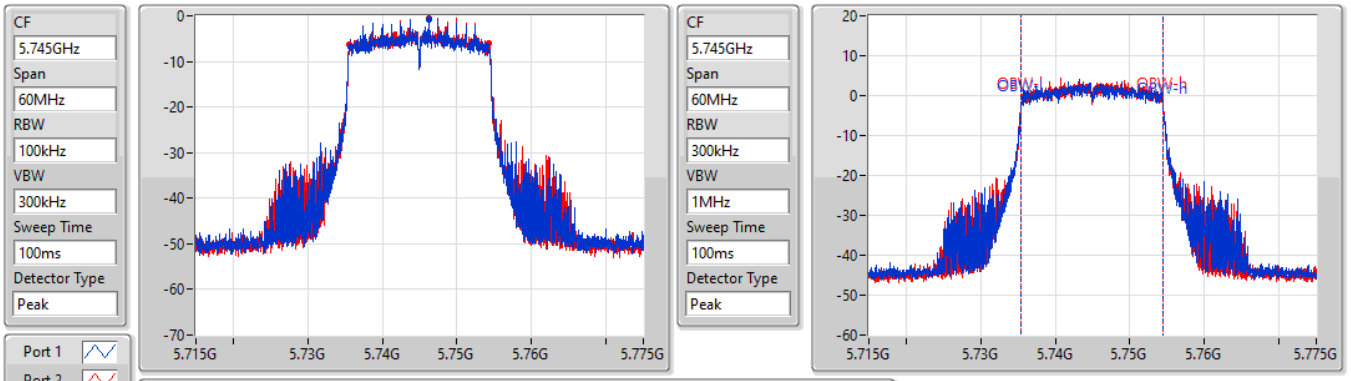


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.38M	5.725G	5.72938G	4.738M	5.72503G	5.729768G	500k	1
4.38M	5.725G	5.72938G	4.718M	5.72501G	5.729728G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

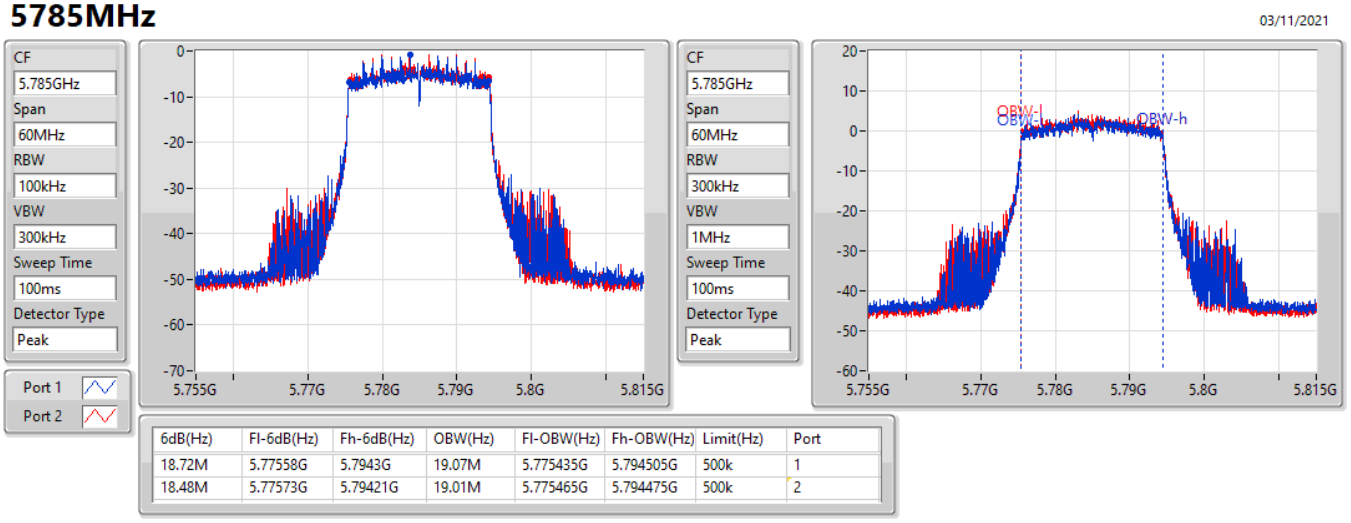
03/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.33M	5.73567G	5.754G	19.1M	5.735405G	5.754505G	500k	1
18.69M	5.73564G	5.75433G	19.04M	5.735435G	5.754475G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

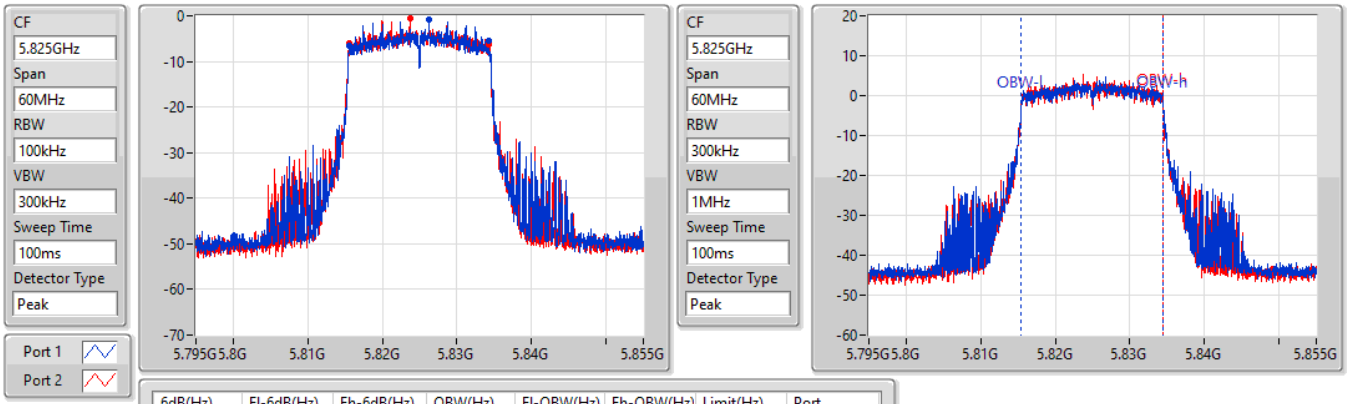
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.77558G	5.7943G	19.07M	5.775435G	5.794505G	500k	1
18.48M	5.77573G	5.79421G	19.01M	5.775465G	5.794475G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

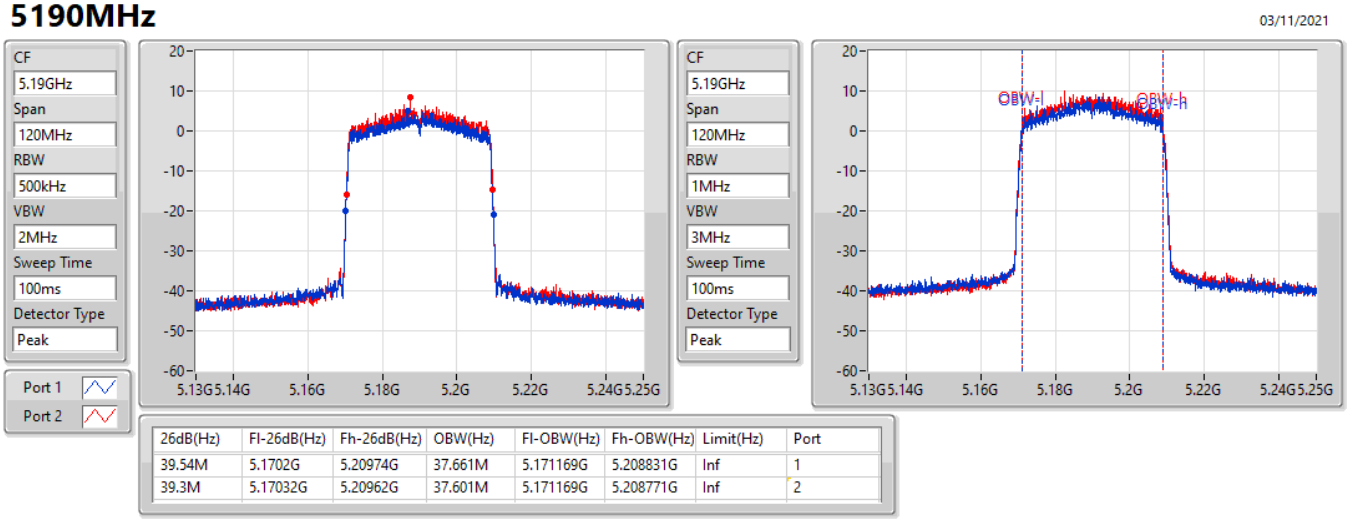
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.81552G	5.8343G	19.04M	5.815465G	5.834505G	500k	1
18.66M	5.81561G	5.83427G	19.01M	5.815465G	5.834475G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

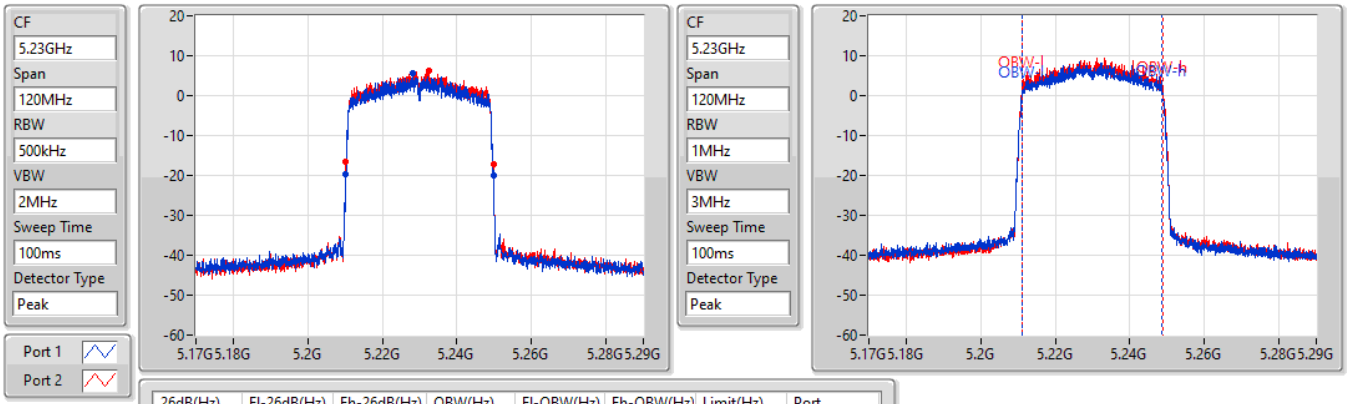
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.1702G	5.20974G	37.661M	5.171169G	5.208831G	Inf	1
39.3M	5.17032G	5.20962G	37.601M	5.171169G	5.208771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

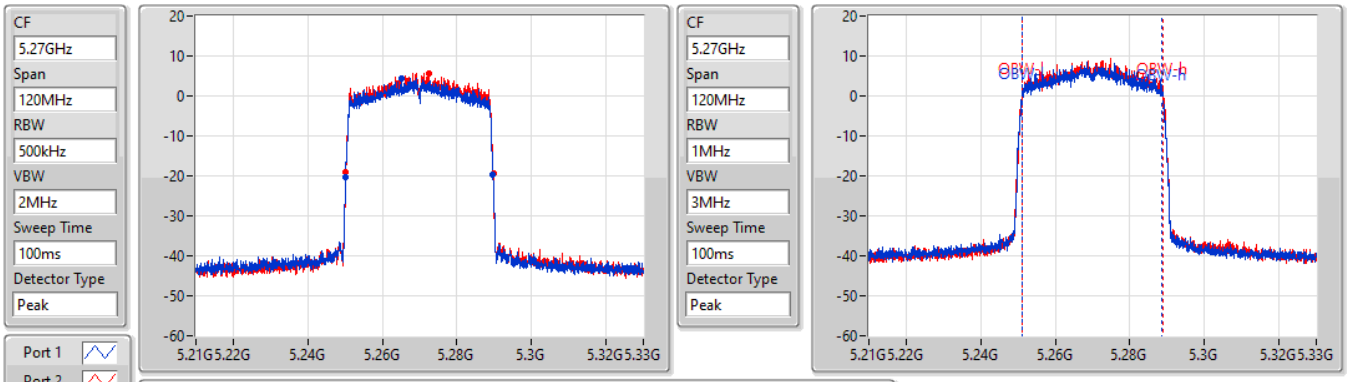


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.2102G	5.2498G	37.481M	5.211229G	5.248711G	Inf	1
39.48M	5.21026G	5.24974G	37.541M	5.211229G	5.248771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

03/11/2021

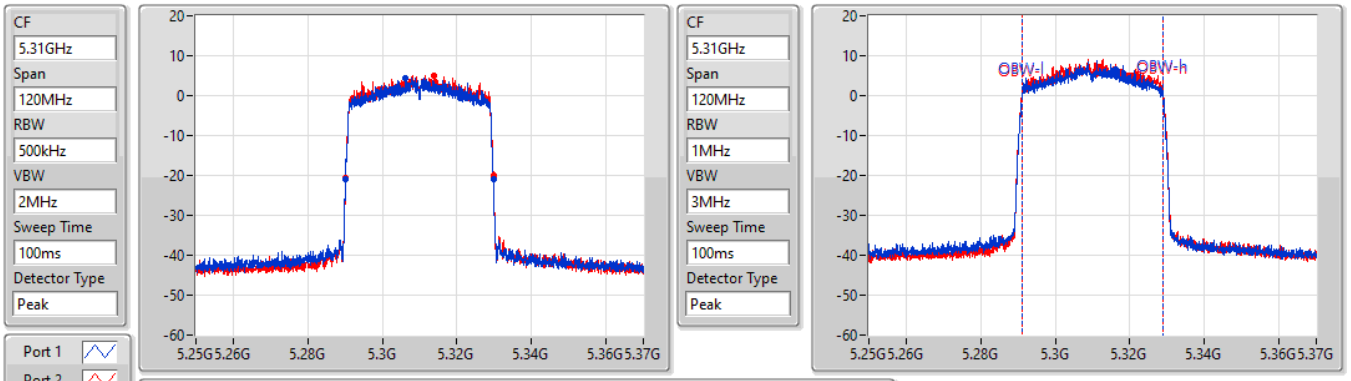


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.2502G	5.28968G	37.541M	5.251169G	5.288711G	Inf	1
39.54M	5.25026G	5.2898G	37.541M	5.251229G	5.288771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

03/11/2021

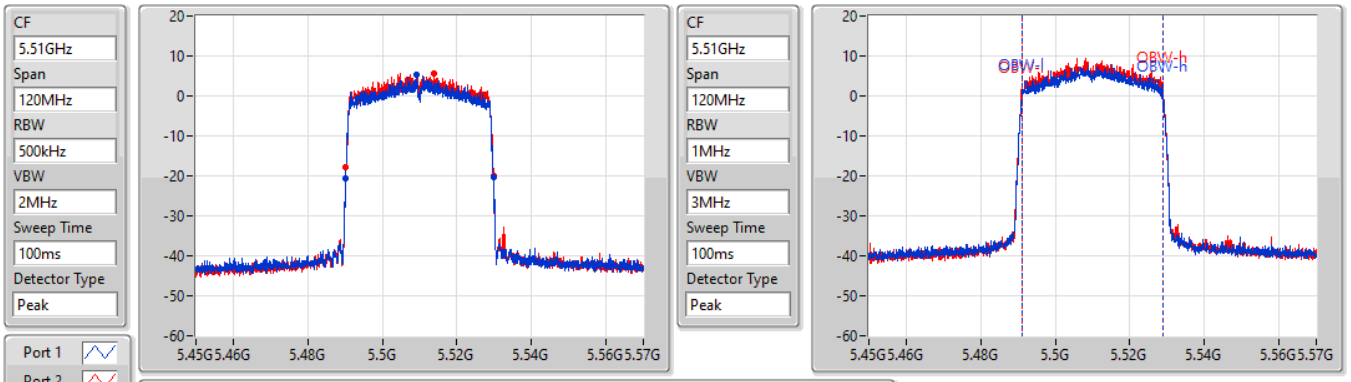


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.29002G	5.32974G	37.541M	5.291229G	5.328771G	Inf	1
39.6M	5.2902G	5.3298G	37.541M	5.291229G	5.328771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

03/11/2021

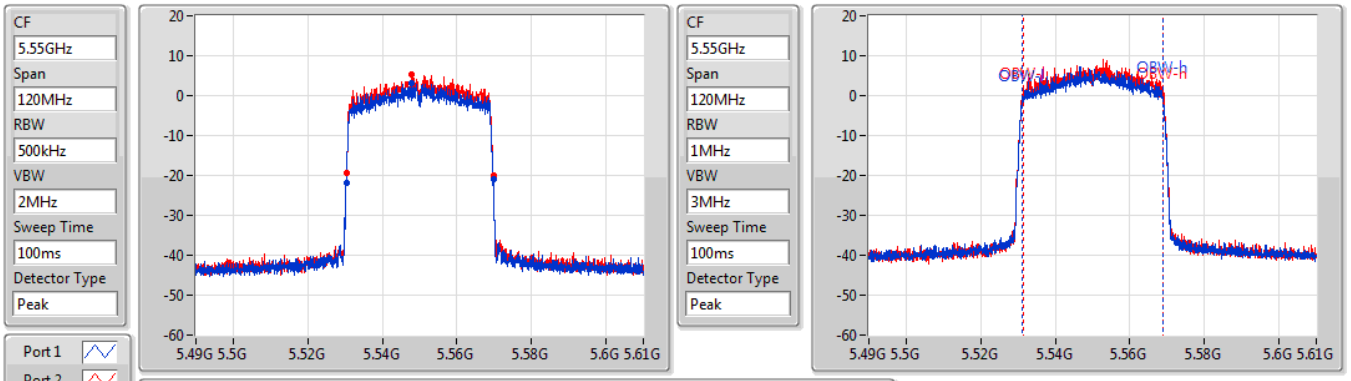


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.49008G	5.52974G	37.601M	5.491229G	5.528831G	Inf	1
39.54M	5.49026G	5.5298G	37.601M	5.491169G	5.528771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

19/10/2021

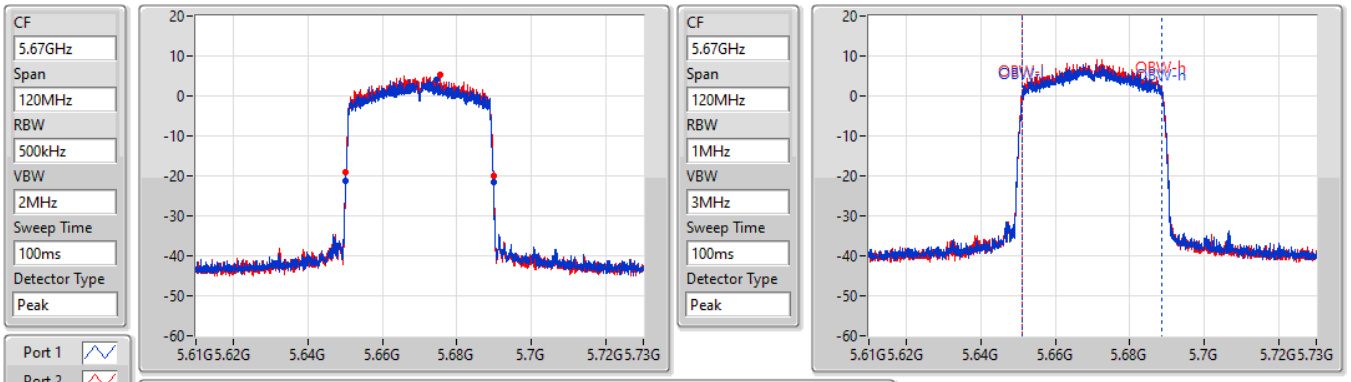


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.42M	5.53032G	5.56974G	37.601M	5.531229G	5.568831G	Inf	1
39.54M	5.53032G	5.56986G	37.601M	5.531289G	5.568891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

03/11/2021

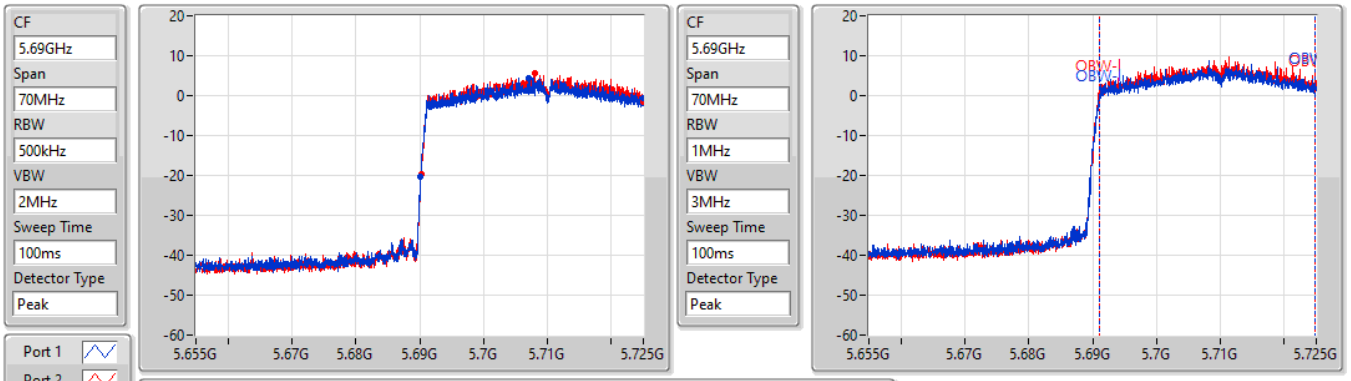


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.6502G	5.68974G	37.481M	5.651229G	5.688711G	Inf	1
39.54M	5.65026G	5.6898G	37.541M	5.651169G	5.688711G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

03/11/2021

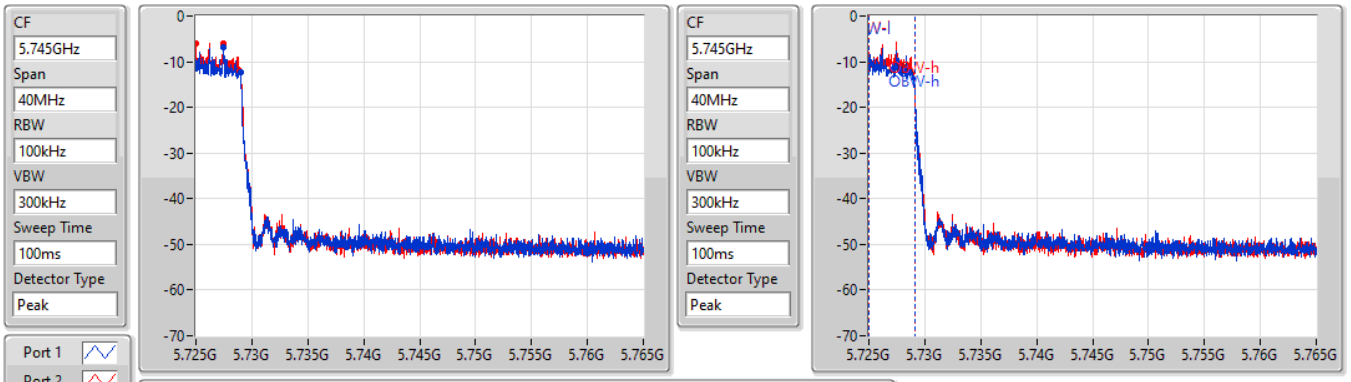


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.825M	5.690175G	5.725G	33.618M	5.691119G	5.724738G	Inf	1
34.79M	5.69021G	5.725G	33.653M	5.691119G	5.724773G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

03/11/2021

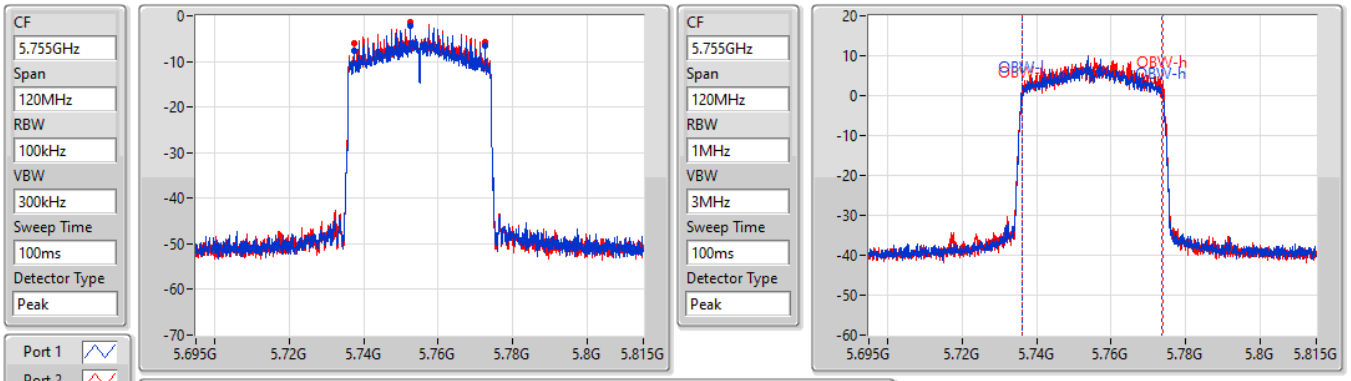


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.118M	5.72501G	5.729128G	500k	1
3.92M	5.725G	5.72892G	4.118M	5.72501G	5.729128G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

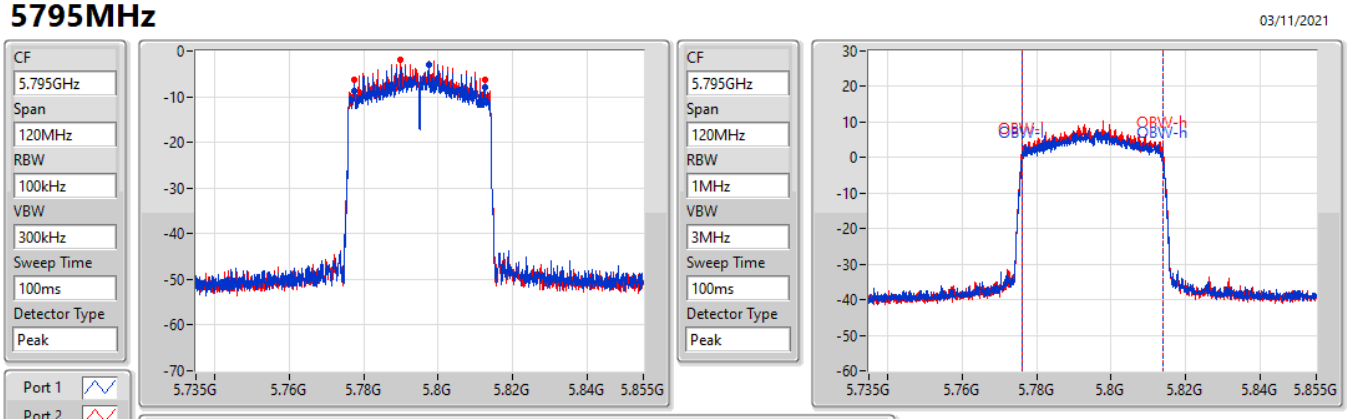
03/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.04M	5.73748G	5.77252G	37.601M	5.736109G	5.773711G	500k	1
35.04M	5.73748G	5.77252G	37.541M	5.736229G	5.773771G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

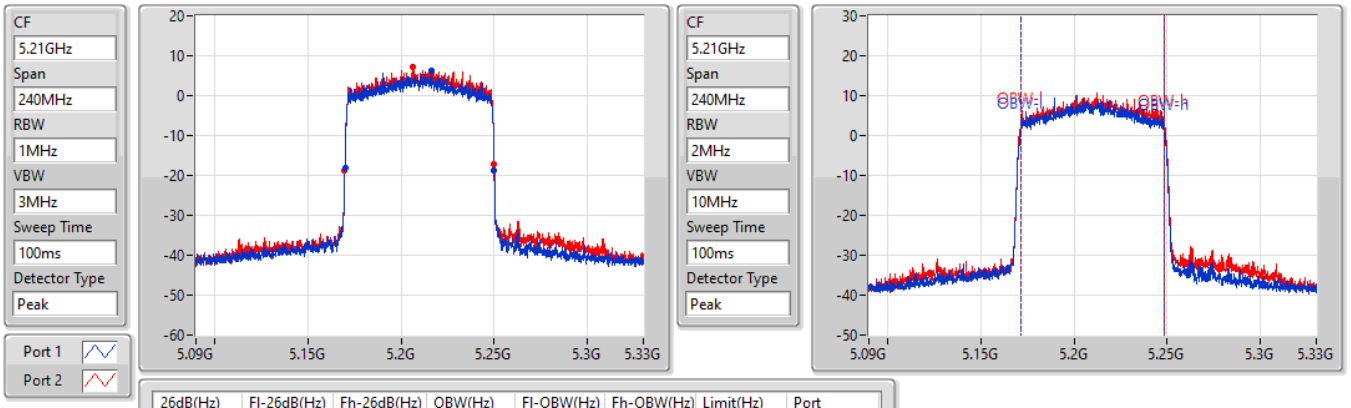
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.77742G	5.81252G	37.601M	5.776169G	5.813771G	500k	1
35.04M	5.77748G	5.81252G	37.661M	5.776169G	5.813831G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

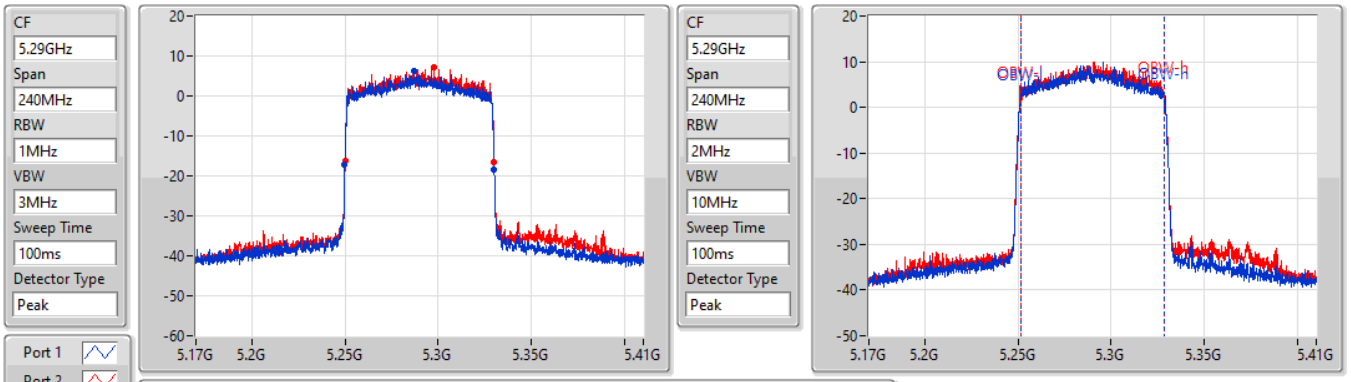


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.16M	5.16992G	5.25008G	76.762M	5.171619G	5.248381G	Inf	1
80.28M	5.1698G	5.25008G	76.882M	5.171619G	5.248501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

03/11/2021

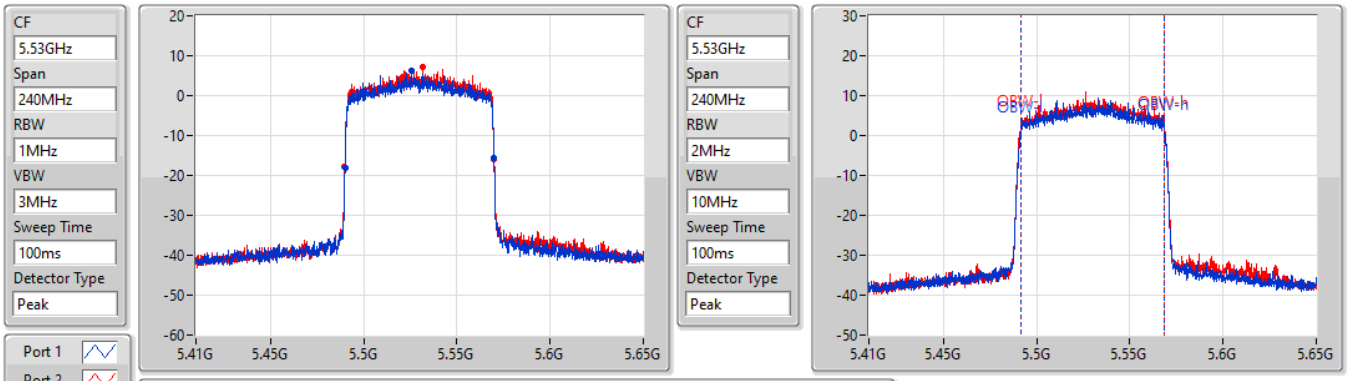


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.2498G	5.33008G	77.001M	5.251499G	5.328501G	Inf	1
80.16M	5.24992G	5.33008G	77.001M	5.251379G	5.328381G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

03/11/2021

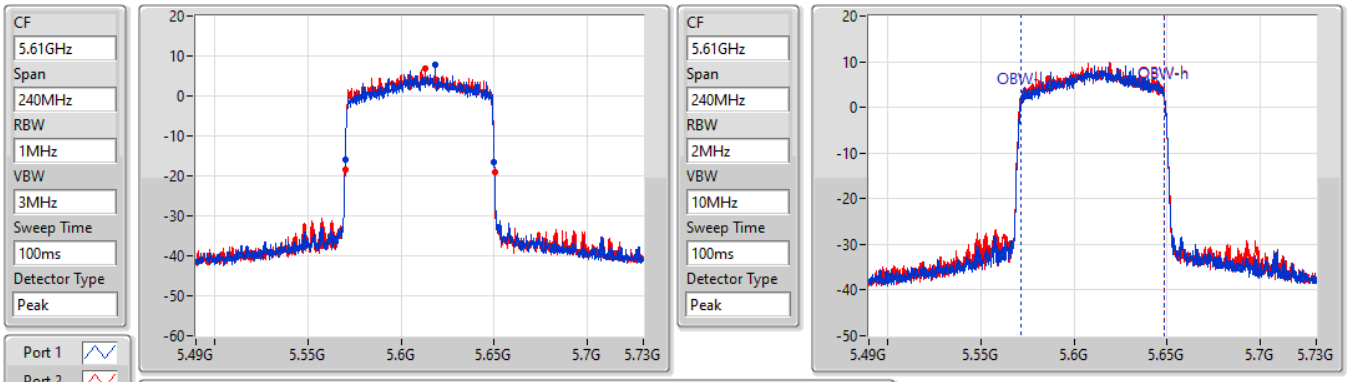


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.16M	5.48992G	5.57008G	77.001M	5.491499G	5.568501G	Inf	1
80.28M	5.4898G	5.57008G	76.762M	5.491619G	5.568381G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

03/11/2021

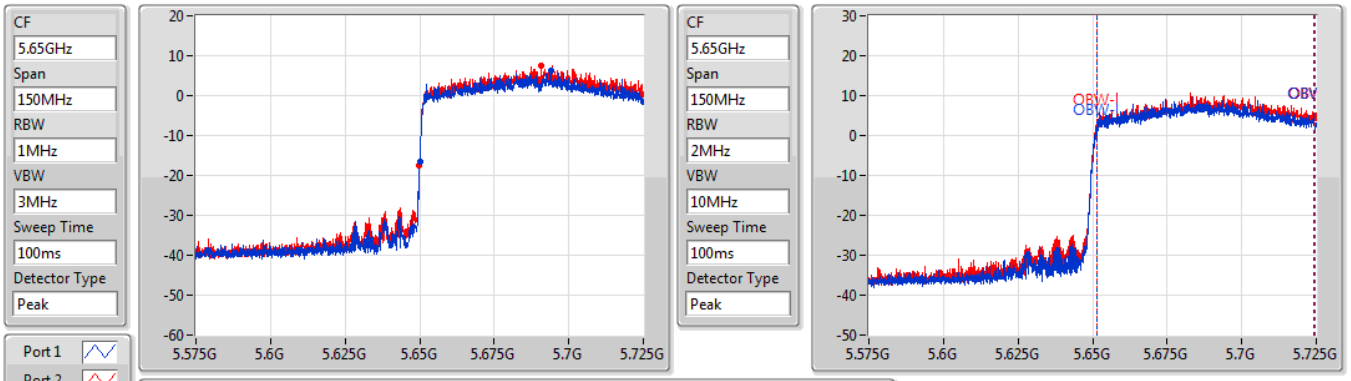


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.04M	5.57004G	5.65008G	76.882M	5.571739G	5.648621G	Inf	1
80.28M	5.56992G	5.6502G	76.882M	5.571619G	5.648501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

19/10/2021

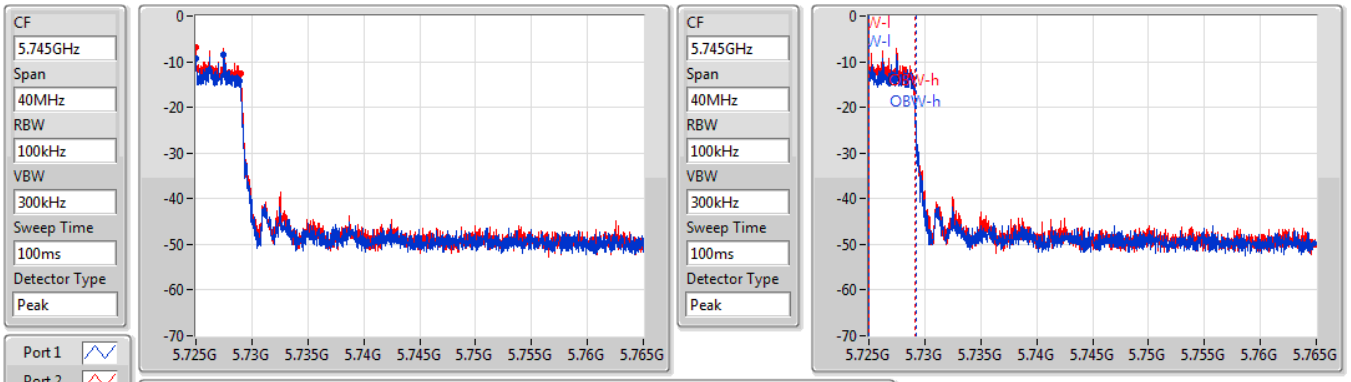


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75M	5.65G	5.725G	72.864M	5.651424G	5.724288G	Inf	1
75.15M	5.64985G	5.725G	72.939M	5.651499G	5.724438G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

19/10/2021

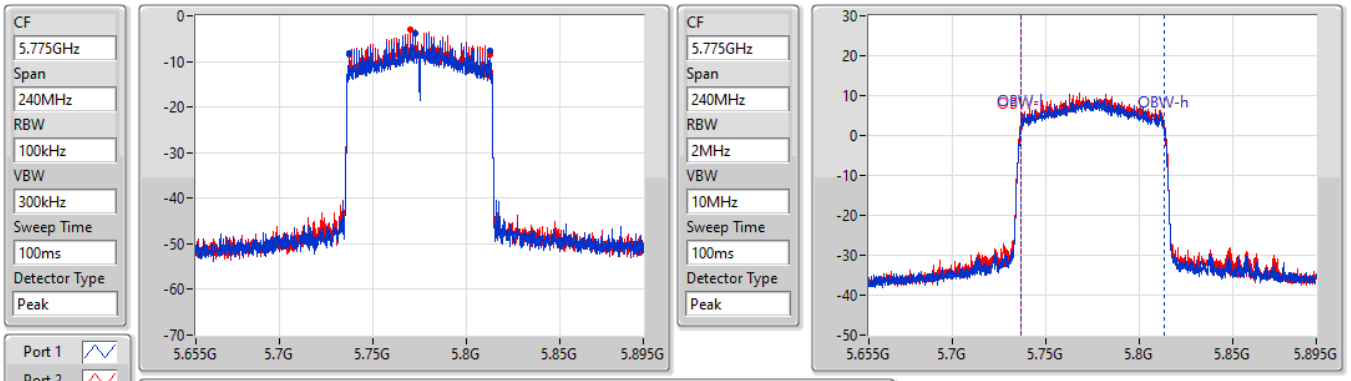


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.178M	5.72501G	5.729188G	500k	1
3.98M	5.725G	5.72898G	4.138M	5.72501G	5.729148G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

03/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75M	5.73744G	5.81244G	76.882M	5.736499G	5.813381G	500k	1
75M	5.73744G	5.81244G	76.882M	5.736499G	5.813381G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.86	0.03062	18.08	0.06427
802.11ax HEW20_Nss1,(MCS0)_2TX	14.41	0.02761	17.63	0.05794
802.11ax HEW40_Nss1,(MCS0)_2TX	14.89	0.03083	18.11	0.06471
802.11ax HEW80_Nss1,(MCS0)_2TX	15.43	0.03491	18.65	0.07328
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.76	0.02992	17.98	0.06281
802.11ax HEW20_Nss1,(MCS0)_2TX	14.20	0.02630	17.42	0.05521
802.11ax HEW40_Nss1,(MCS0)_2TX	14.75	0.02985	17.97	0.06266
802.11ax HEW80_Nss1,(MCS0)_2TX	15.70	0.03715	18.92	0.07798
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.95	0.03126	18.53	0.07129
802.11ax HEW20_Nss1,(MCS0)_2TX	14.40	0.02754	17.98	0.06281
802.11ax HEW40_Nss1,(MCS0)_2TX	14.77	0.02999	18.35	0.06839
802.11ax HEW80_Nss1,(MCS0)_2TX	15.55	0.03589	19.13	0.08185
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.98	0.03148	18.37	0.06871
802.11ax HEW20_Nss1,(MCS0)_2TX	14.46	0.02793	17.85	0.06095
802.11ax HEW40_Nss1,(MCS0)_2TX	14.62	0.02897	18.01	0.06324
802.11ax HEW80_Nss1,(MCS0)_2TX	15.84	0.03837	19.23	0.08375

Result

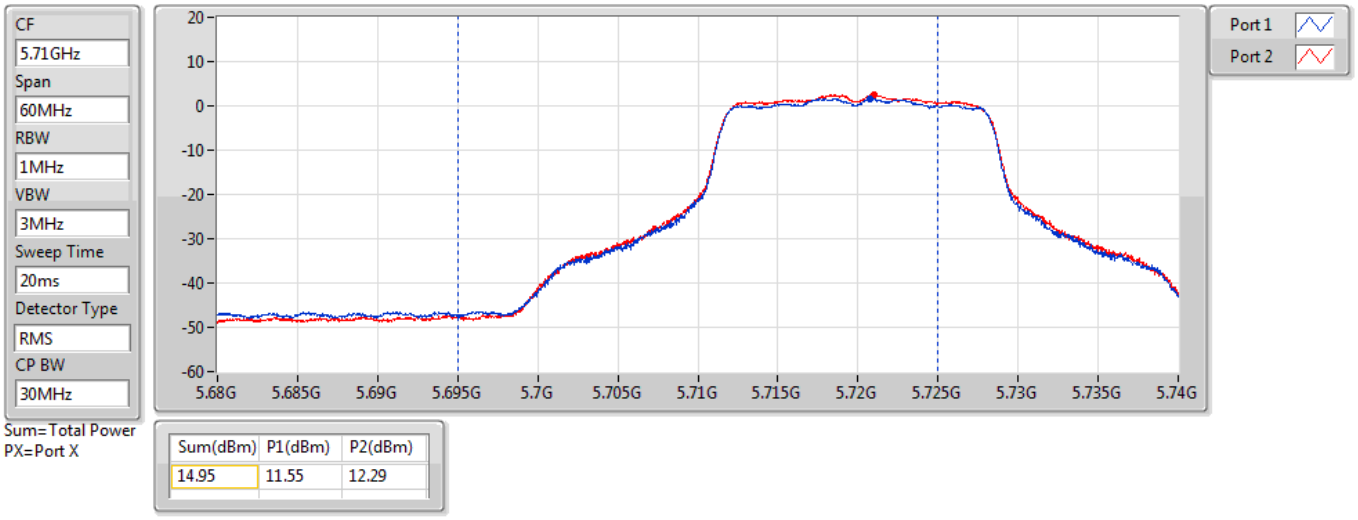
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.22	11.26	12.10	14.71	23.98	17.93	30.00
5200MHz	Pass	3.22	11.39	12.18	14.81	23.98	18.03	30.00
5240MHz	Pass	3.22	11.46	12.21	14.86	23.98	18.08	30.00
5260MHz	Pass	3.22	11.11	12.05	14.62	23.98	17.84	30.00
5300MHz	Pass	3.22	11.35	12.12	14.76	23.98	17.98	30.00
5320MHz	Pass	3.22	11.19	12.20	14.73	23.98	17.95	30.00
5500MHz	Pass	3.58	11.49	12.28	14.91	23.98	18.49	30.00
5580MHz	Pass	3.58	11.53	12.29	14.94	23.98	18.52	30.00
5700MHz	Pass	3.58	11.43	12.08	14.78	23.98	18.36	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.58	11.55	12.29	14.95	23.36	18.53	29.36
5720MHz Straddle 5.725-5.85GHz	Pass	3.39	4.67	5.42	8.07	30.00	11.46	36.00
5745MHz	Pass	3.39	11.13	12.20	14.71	30.00	18.10	36.00
5785MHz	Pass	3.39	11.10	11.91	14.53	30.00	17.92	36.00
5825MHz	Pass	3.39	11.54	12.36	14.98	30.00	18.37	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.22	11.00	11.77	14.41	23.98	17.63	30.00
5200MHz	Pass	3.22	11.03	11.69	14.38	23.98	17.60	30.00
5240MHz	Pass	3.22	11.18	11.54	14.37	23.98	17.59	30.00
5260MHz	Pass	3.22	10.77	11.58	14.20	23.98	17.42	30.00
5300MHz	Pass	3.22	10.37	11.13	13.78	23.98	17.00	30.00
5320MHz	Pass	3.22	10.40	11.23	13.85	23.98	17.07	30.00
5500MHz	Pass	3.58	10.83	11.26	14.06	23.98	17.64	30.00
5580MHz	Pass	3.58	11.28	11.37	14.34	23.98	17.92	30.00
5700MHz	Pass	3.58	11.13	11.40	14.28	23.98	17.86	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.58	11.22	11.56	14.40	23.12	17.98	29.12
5720MHz Straddle 5.725-5.85GHz	Pass	3.39	5.28	5.76	8.54	30.00	11.93	36.00
5745MHz	Pass	3.39	11.08	11.50	14.31	30.00	17.70	36.00
5785MHz	Pass	3.39	10.93	11.41	14.19	30.00	17.58	36.00
5825MHz	Pass	3.39	11.15	11.73	14.46	30.00	17.85	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.22	11.17	12.49	14.89	23.98	18.11	30.00
5230MHz	Pass	3.22	11.34	12.22	14.81	23.98	18.03	30.00
5270MHz	Pass	3.22	11.05	11.92	14.52	23.98	17.74	30.00
5310MHz	Pass	3.22	11.32	12.12	14.75	23.98	17.97	30.00
5510MHz	Pass	3.58	11.03	12.11	14.61	23.98	18.19	30.00
5550MHz	Pass	3.58	10.98	11.88	14.46	23.98	18.04	30.00
5670MHz	Pass	3.58	11.11	11.80	14.48	23.98	18.06	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.58	11.32	12.15	14.77	23.98	18.35	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.39	-0.35	0.74	3.24	30.00	6.63	36.00
5755MHz	Pass	3.39	11.20	11.99	14.62	30.00	18.01	36.00
5795MHz	Pass	3.39	11.12	11.97	14.58	30.00	17.97	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.22	11.98	12.82	15.43	23.98	18.65	30.00
5290MHz	Pass	3.22	12.37	12.99	15.70	23.98	18.92	30.00
5530MHz	Pass	3.58	12.06	12.88	15.50	23.98	19.08	30.00
5610MHz	Pass	3.58	12.36	12.72	15.55	23.98	19.13	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.58	11.99	13.03	15.55	23.98	19.13	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.39	-3.27	-1.87	0.50	30.00	3.89	36.00
5775MHz	Pass	3.39	12.50	13.14	15.84	30.00	19.23	36.00

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

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/11/2021

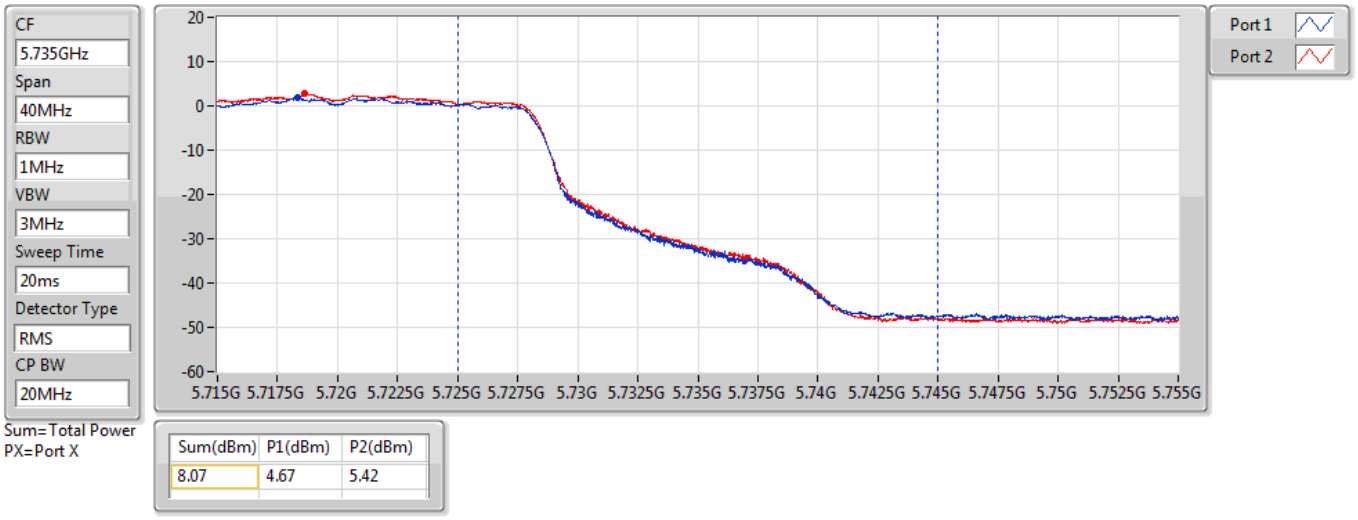


Sum(dBm)	P1(dBm)	P2(dBm)
14.95	11.55	12.29

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/11/2021

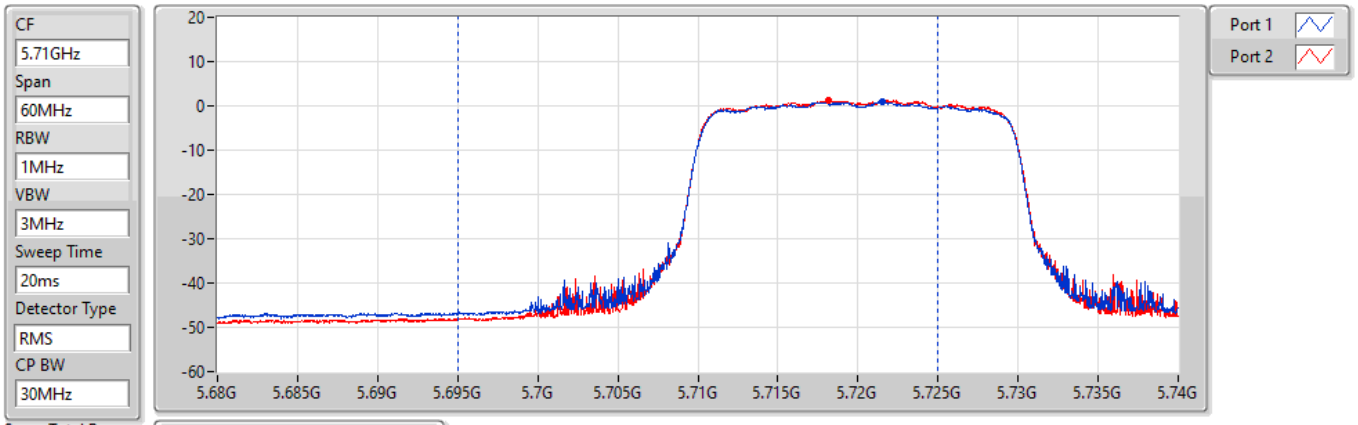


Sum(dBm)	P1(dBm)	P2(dBm)
8.07	4.67	5.42

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/11/2021

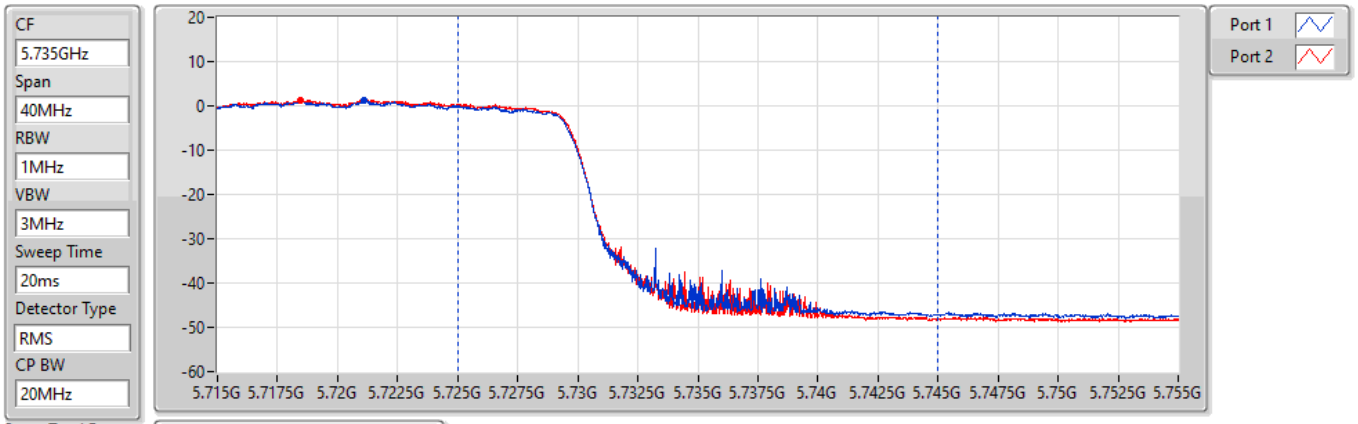


Sum(dBm)	P1(dBm)	P2(dBm)
14.40	11.22	11.56

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/11/2021

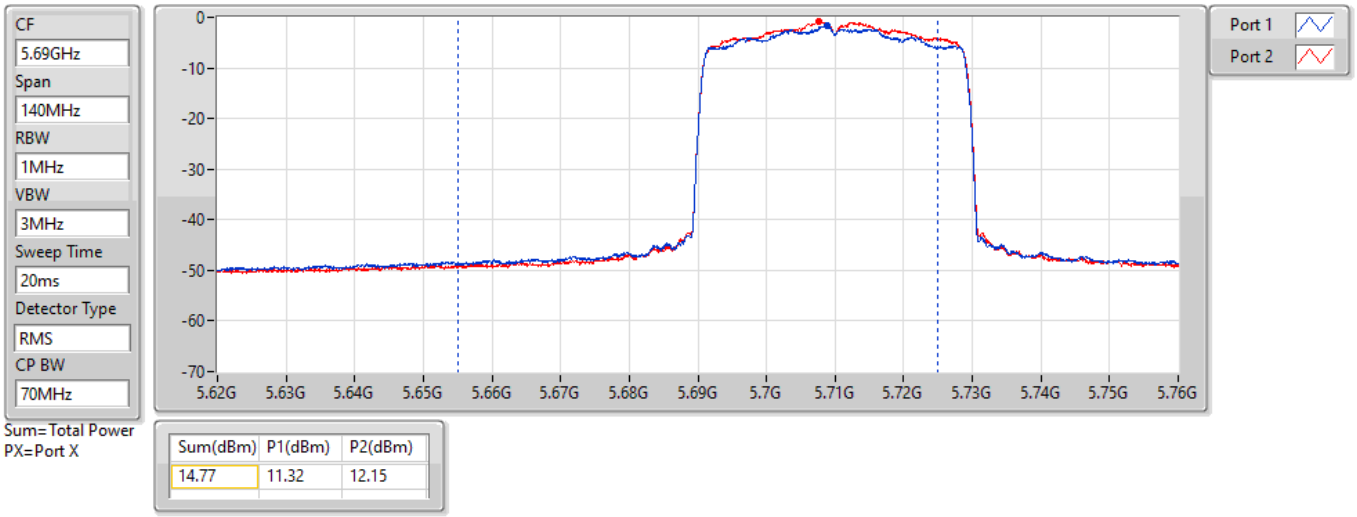


Sum(dBm)	P1(dBm)	P2(dBm)
8.54	5.28	5.76

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

03/11/2021

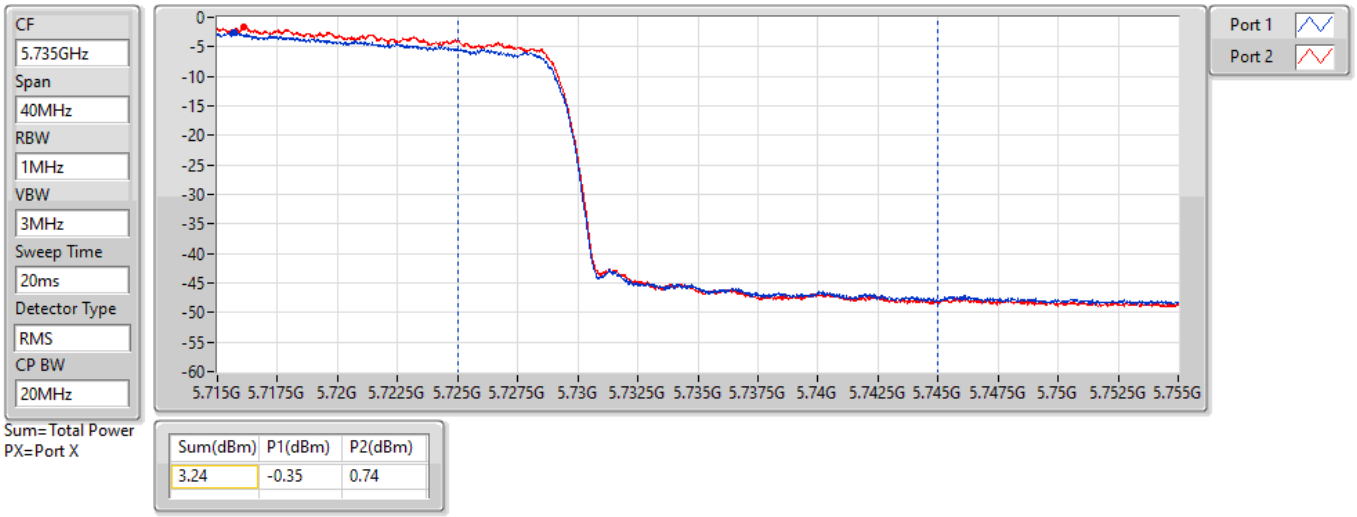


Sum(dBm)	P1(dBm)	P2(dBm)
14.77	11.32	12.15

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

03/11/2021

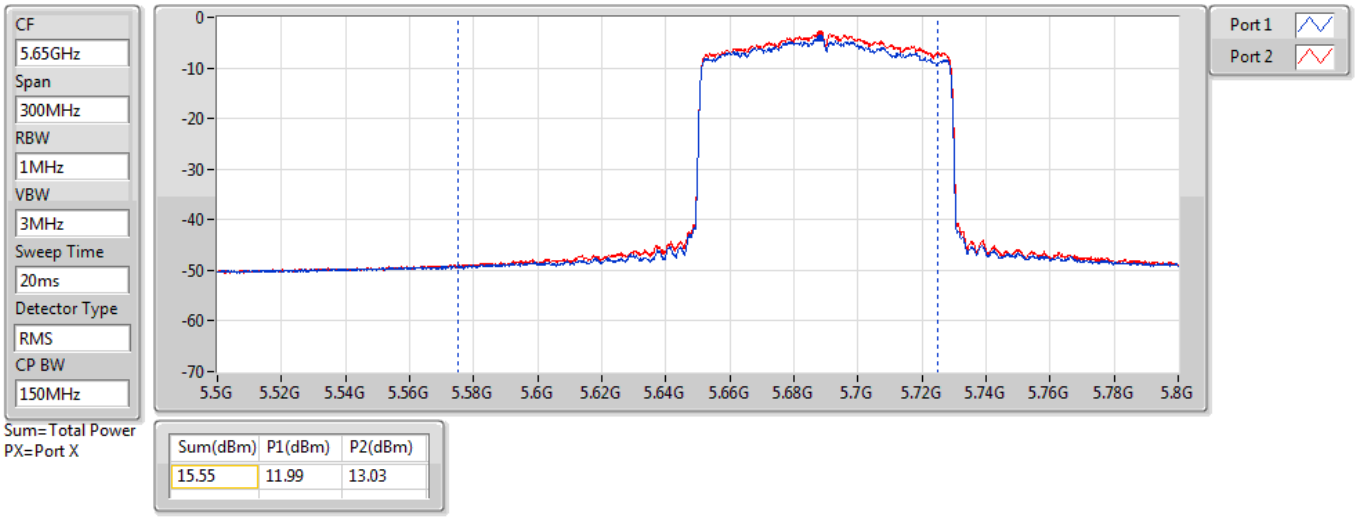


Sum(dBm)	P1(dBm)	P2(dBm)
3.24	-0.35	0.74

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

19/10/2021

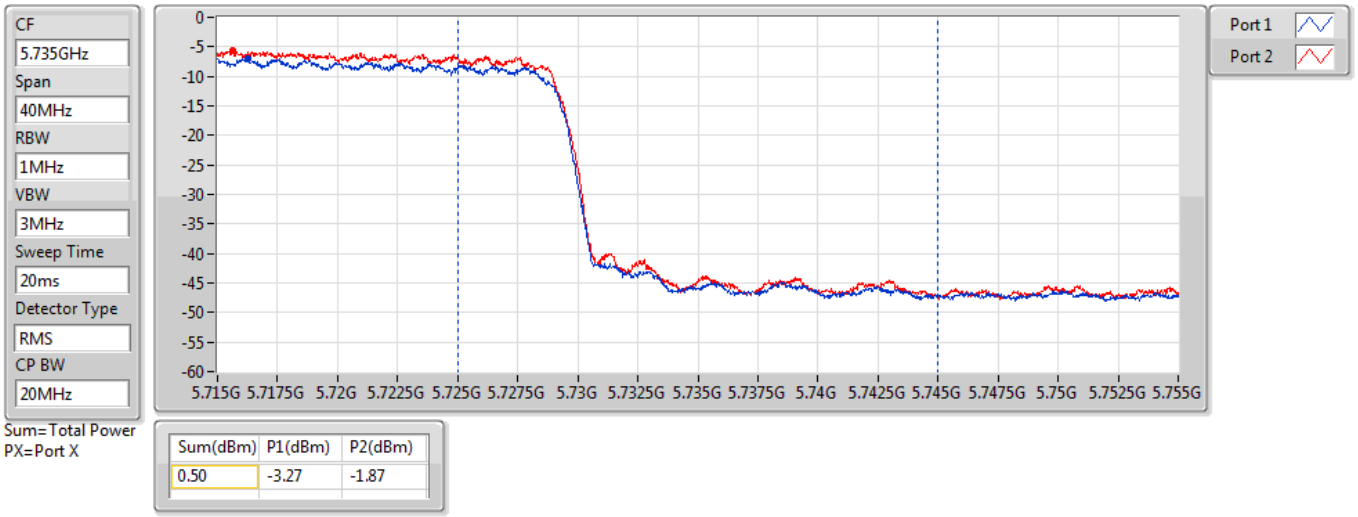


Sum(dBm)	P1(dBm)	P2(dBm)
15.55	11.99	13.03

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

19/10/2021



Sum(dBm)	P1(dBm)	P2(dBm)
0.50	-3.27	-1.87

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.44	9.67
802.11ax HEW20_Nss1,(MCS0)_2TX	3.66	9.89
802.11ax HEW40_Nss1,(MCS0)_2TX	1.78	8.01
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.33	4.90
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.67	9.90
802.11ax HEW20_Nss1,(MCS0)_2TX	2.46	8.69
802.11ax HEW40_Nss1,(MCS0)_2TX	1.84	8.07
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.24	4.99
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.69	10.28
802.11ax HEW20_Nss1,(MCS0)_2TX	3.73	10.32
802.11ax HEW40_Nss1,(MCS0)_2TX	0.95	7.54
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.25	4.34
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	2.23	8.63
802.11ax HEW20_Nss1,(MCS0)_2TX	2.35	8.75
802.11ax HEW40_Nss1,(MCS0)_2TX	-0.68	5.72
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.58	2.82

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

Result

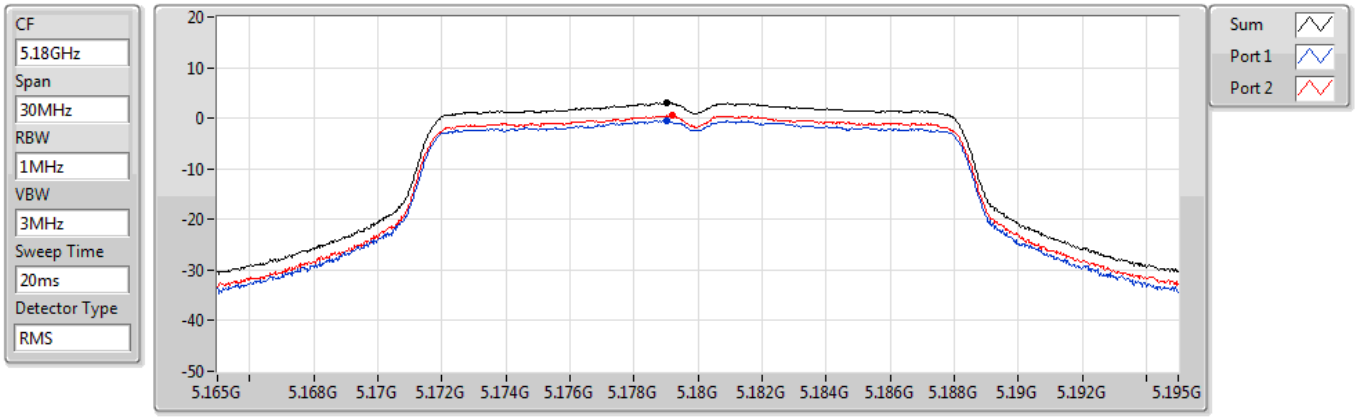
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	-0.46	0.52	3.02	10.77	9.25	17.00
5200MHz	Pass	6.23	-0.01	0.74	3.34	10.77	9.57	17.00
5240MHz	Pass	6.23	0.36	0.96	3.44	10.77	9.67	17.00
5260MHz	Pass	6.23	0.24	1.21	3.67	10.77	9.90	17.00
5300MHz	Pass	6.23	0.43	0.75	3.54	10.77	9.77	17.00
5320MHz	Pass	6.23	0.23	1.01	3.50	10.77	9.73	17.00
5500MHz	Pass	6.59	0.65	0.83	3.66	10.41	10.25	17.00
5580MHz	Pass	6.59	0.67	1.41	3.69	10.41	10.28	17.00
5700MHz	Pass	6.59	0.13	1.33	3.37	10.41	9.96	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.59	0.31	1.45	3.55	10.41	10.14	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.40	-2.41	-1.46	0.90	29.60	7.30	36.00
5745MHz	Pass	6.40	-2.41	-1.39	1.05	29.60	7.45	36.00
5785MHz	Pass	6.40	-2.36	-1.61	0.97	29.60	7.37	36.00
5825MHz	Pass	6.40	-1.08	-0.27	2.23	29.60	8.63	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	0.56	1.08	3.41	10.77	9.64	17.00
5200MHz	Pass	6.23	0.23	0.91	3.51	10.77	9.74	17.00
5240MHz	Pass	6.23	0.72	1.12	3.66	10.77	9.89	17.00
5260MHz	Pass	6.23	-0.87	-0.26	2.46	10.77	8.69	17.00
5300MHz	Pass	6.23	-1.46	-0.67	1.89	10.77	8.12	17.00
5320MHz	Pass	6.23	-1.35	-0.48	2.10	10.77	8.33	17.00
5500MHz	Pass	6.59	0.14	0.51	3.27	10.41	9.86	17.00
5580MHz	Pass	6.59	0.86	0.89	3.73	10.41	10.32	17.00
5700MHz	Pass	6.59	0.58	0.94	3.47	10.41	10.06	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.59	0.57	0.97	3.49	10.41	10.08	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.40	-2.04	-1.48	1.26	29.60	7.66	36.00
5745MHz	Pass	6.40	-1.11	-0.55	2.02	29.60	8.42	36.00
5785MHz	Pass	6.40	-0.87	-0.67	2.03	29.60	8.43	36.00
5825MHz	Pass	6.40	-0.91	-0.34	2.35	29.60	8.75	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.23	-2.18	-1.14	1.06	10.77	7.29	17.00
5230MHz	Pass	6.23	-1.57	-0.38	1.78	10.77	8.01	17.00
5270MHz	Pass	6.23	-2.14	-1.11	1.27	10.77	7.50	17.00
5310MHz	Pass	6.23	-1.05	-1.05	1.84	10.77	8.07	17.00
5510MHz	Pass	6.59	-2.51	-1.51	0.76	10.41	7.35	17.00
5550MHz	Pass	6.59	-4.48	-1.81	-0.10	10.41	6.49	17.00
5670MHz	Pass	6.59	-1.85	-1.37	0.95	10.41	7.54	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.59	-2.96	-1.41	0.65	10.41	7.24	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.40	-8.11	-6.74	-4.63	29.60	1.77	36.00
5755MHz	Pass	6.40	-3.79	-3.04	-0.68	29.60	5.72	36.00
5795MHz	Pass	6.40	-3.63	-2.95	-0.68	29.60	5.72	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.23	-4.70	-2.57	-1.33	10.77	4.90	17.00
5290MHz	Pass	6.23	-3.86	-3.98	-1.24	10.77	4.99	17.00
5530MHz	Pass	6.59	-5.33	-4.95	-2.30	10.41	4.29	17.00
5610MHz	Pass	6.59	-5.03	-4.45	-2.26	10.41	4.33	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.59	-5.90	-4.49	-2.25	10.41	4.34	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.40	-11.37	-10.00	-7.67	29.60	-1.27	36.00
5775MHz	Pass	6.40	-6.78	-6.07	-3.58	29.60	2.82	36.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

03/11/2021

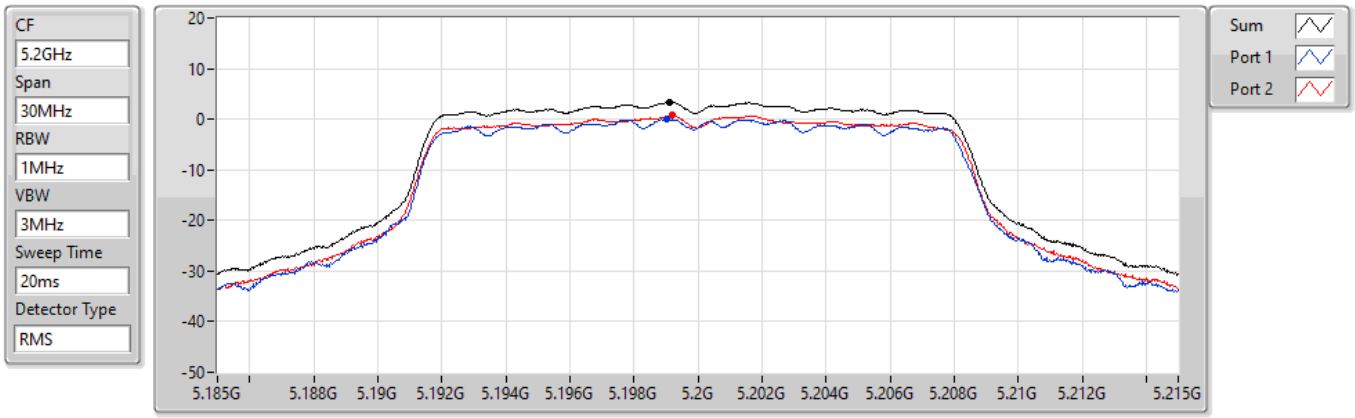


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	-0.46	0.52

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

03/11/2021



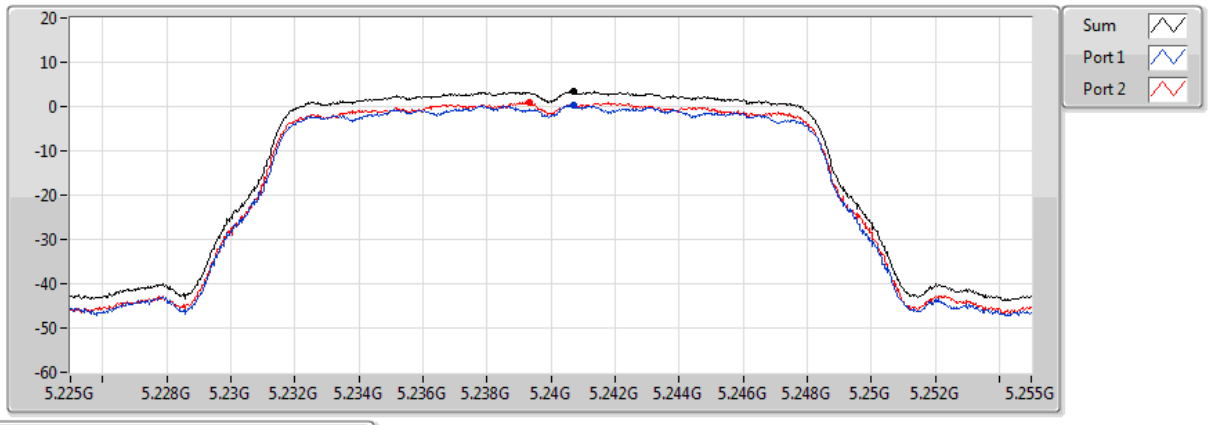
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	-0.01	0.74

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

03/11/2021

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



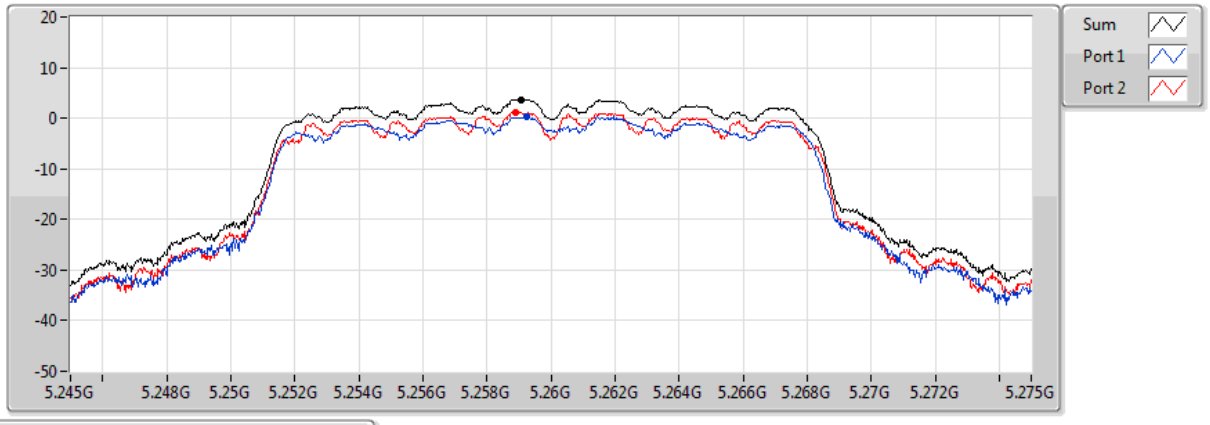
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	0.36	0.96

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

03/11/2021

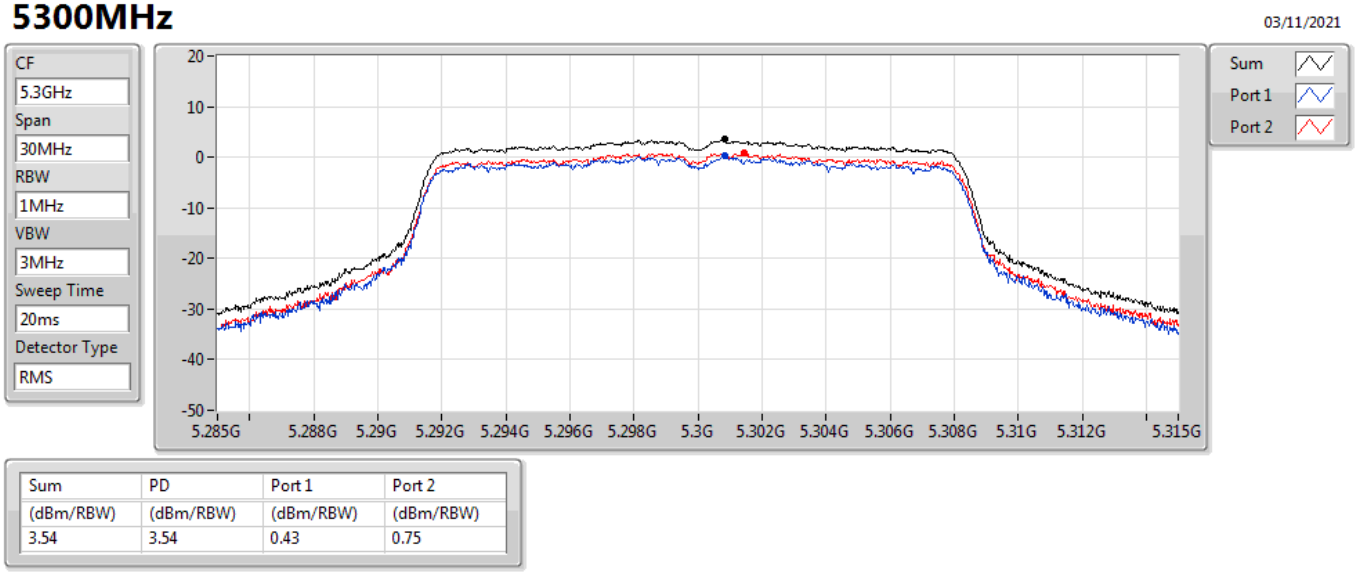
CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.67	3.67	0.24	1.21

802.11a_Nss1,(6Mbps)_2TX PSD

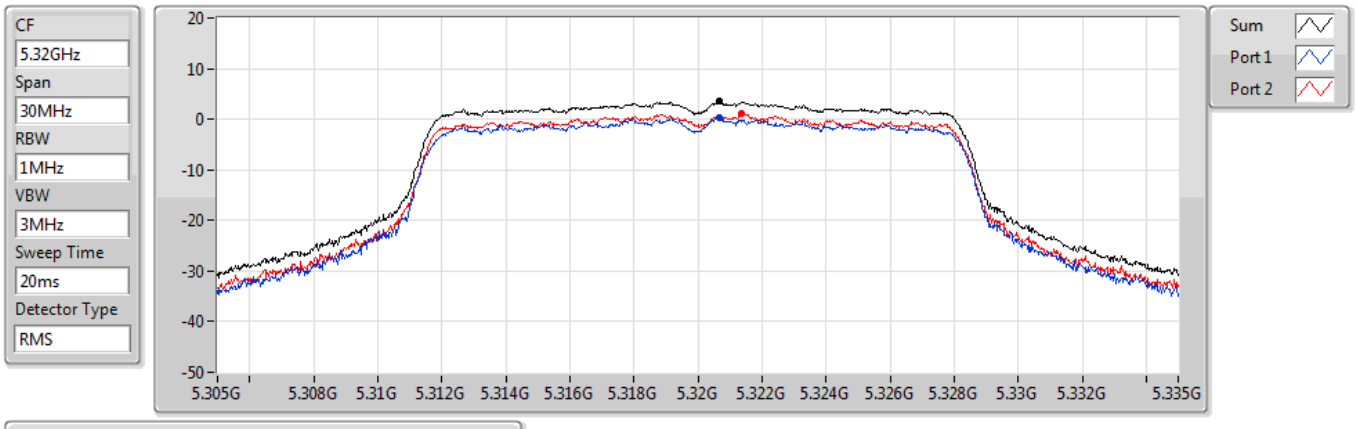
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.54	3.54	0.43	0.75

802.11a_Nss1,(6Mbps)_2TX PSD

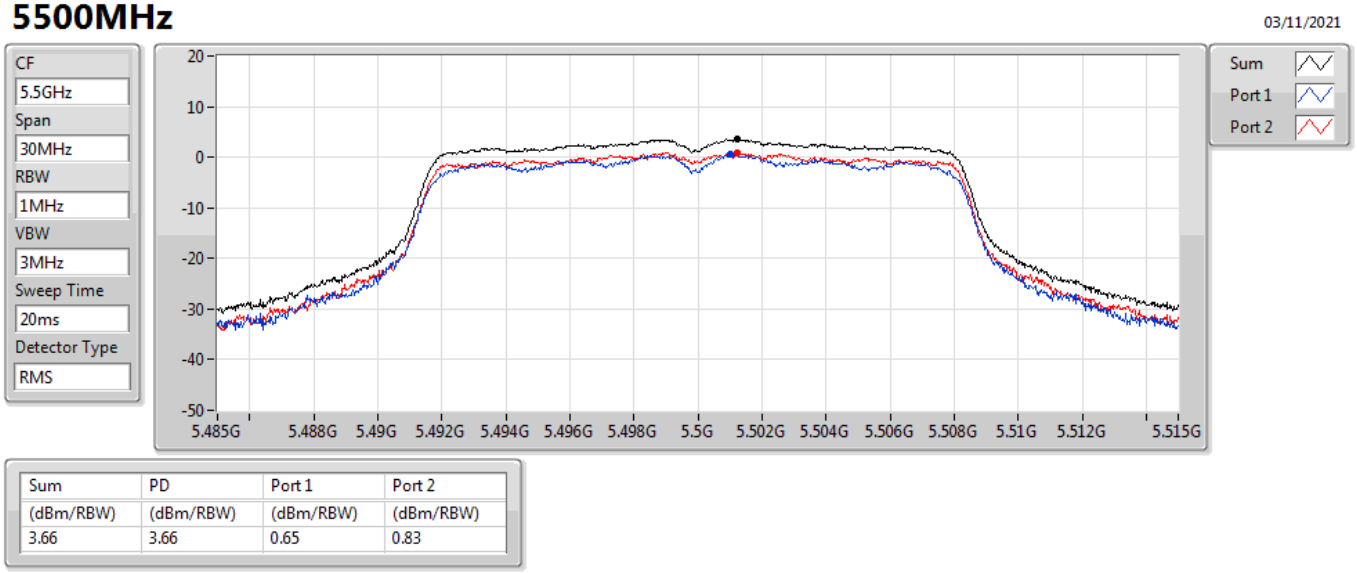
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	0.23	1.01

802.11a_Nss1,(6Mbps)_2TX PSD

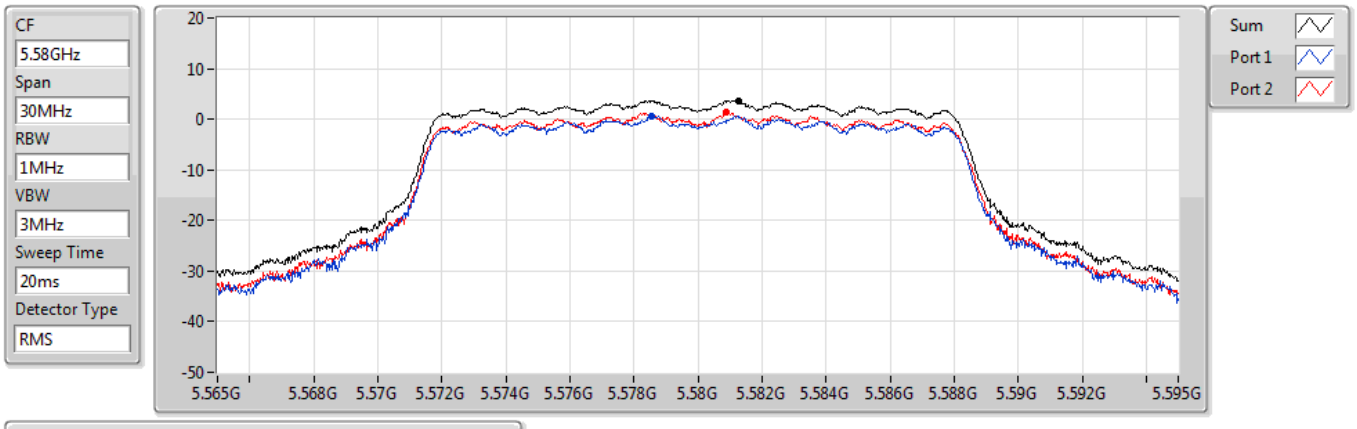
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	0.65	0.83

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

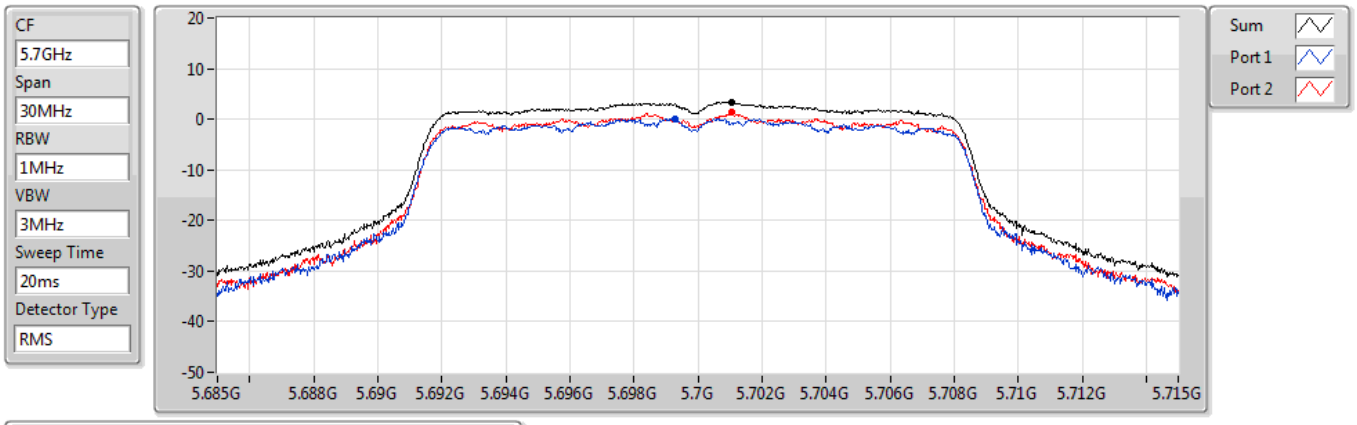


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	0.67	1.41

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

03/11/2021

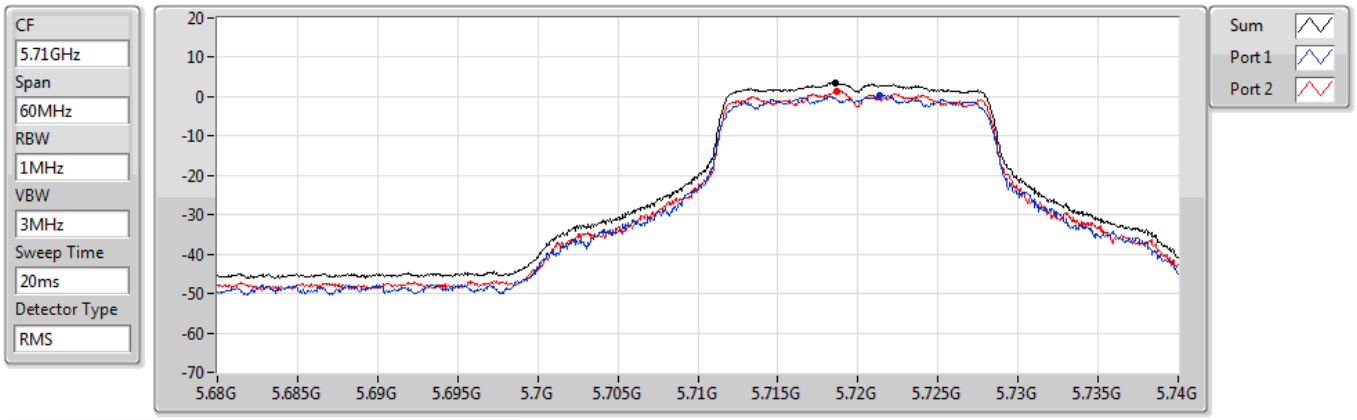


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	0.13	1.33

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

03/11/2021

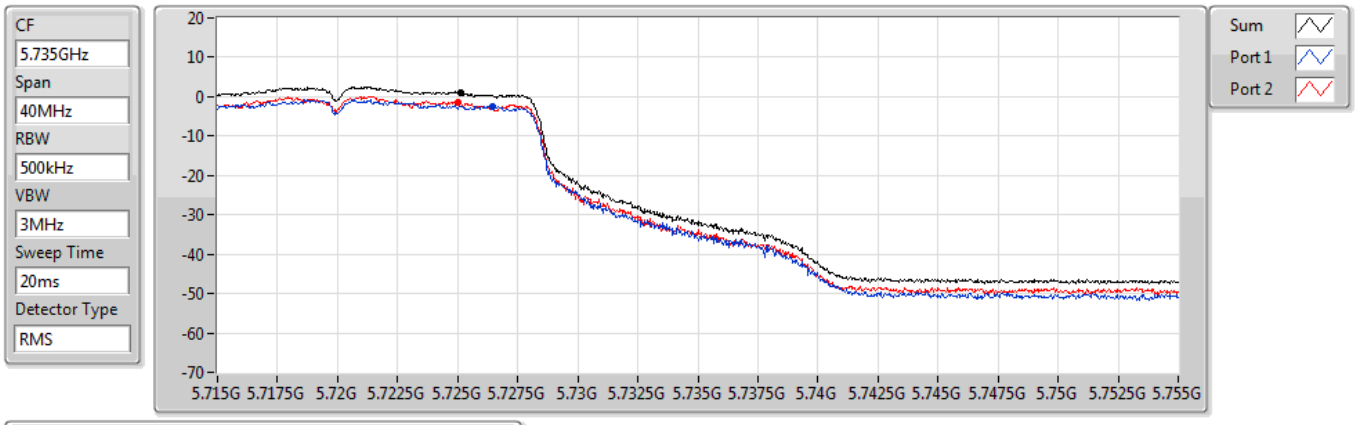


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.55	3.55	0.31	1.45

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

03/11/2021

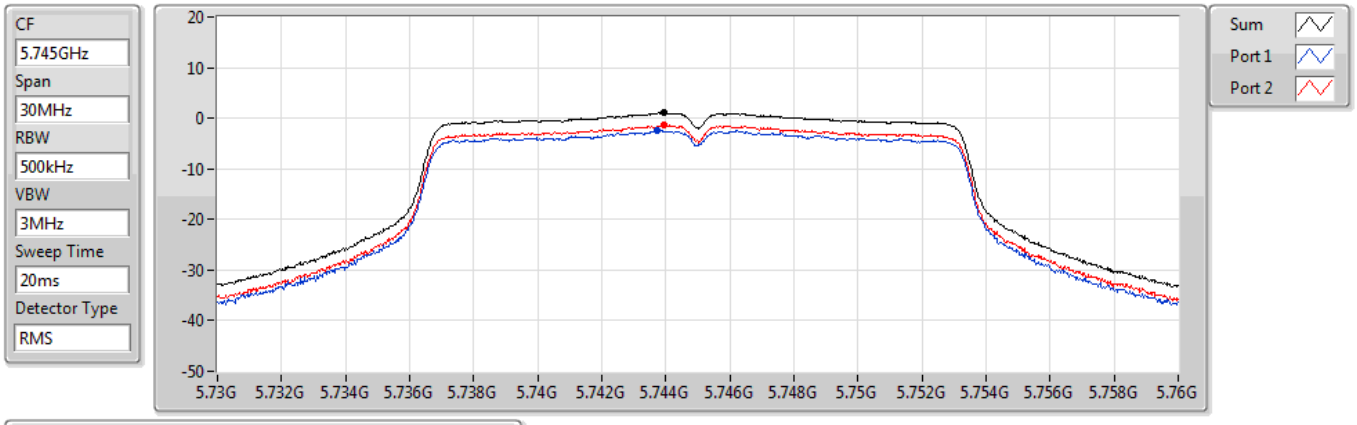


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.90	0.90	-2.41	-1.46

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

19/10/2021

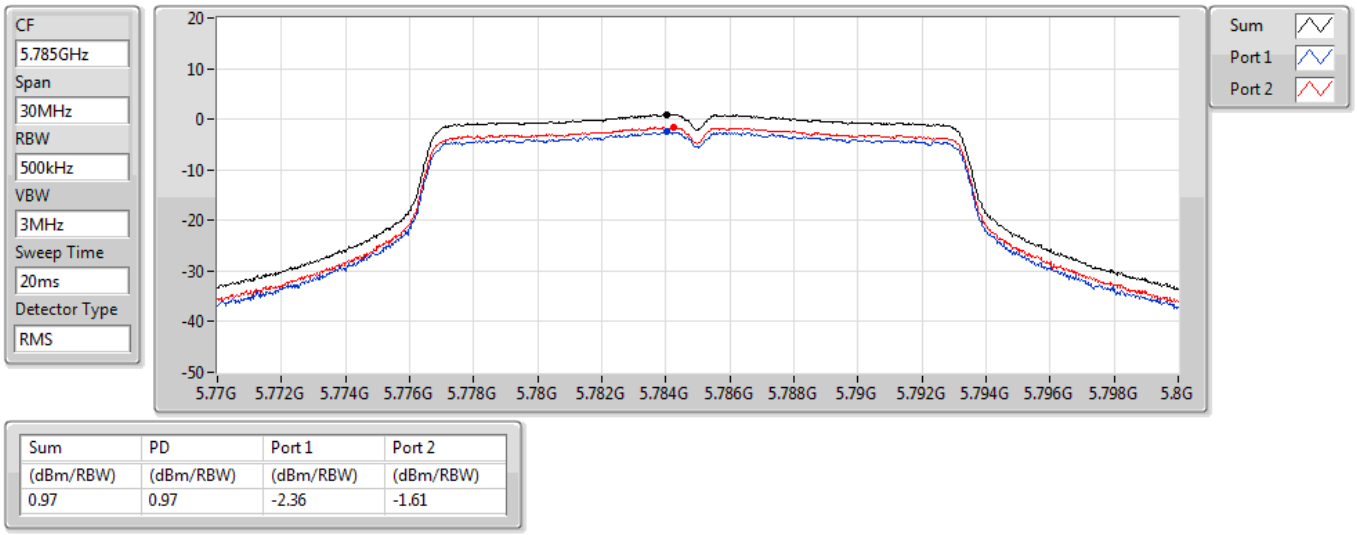


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.05	1.05	-2.41	-1.39

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

19/10/2021

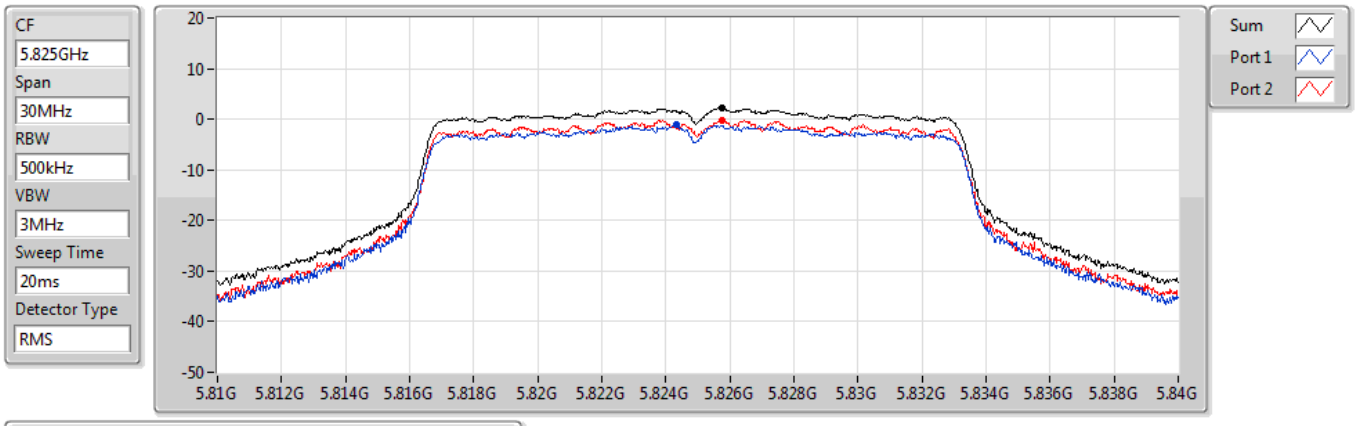


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-2.36	-1.61

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

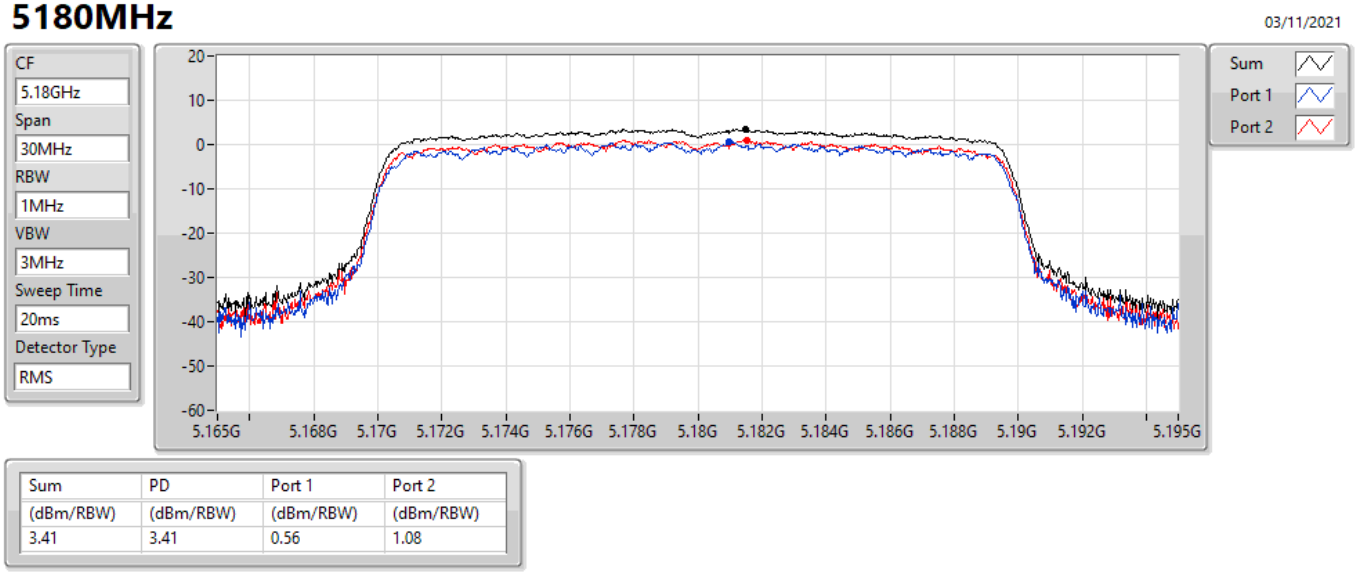
03/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	-1.08	-0.27

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

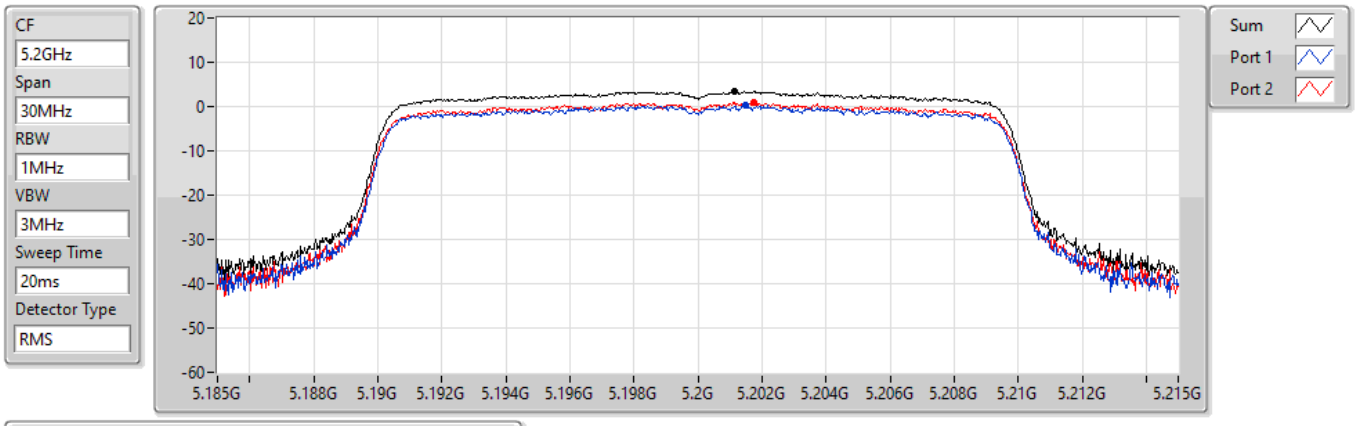
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.41	3.41	0.56	1.08

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

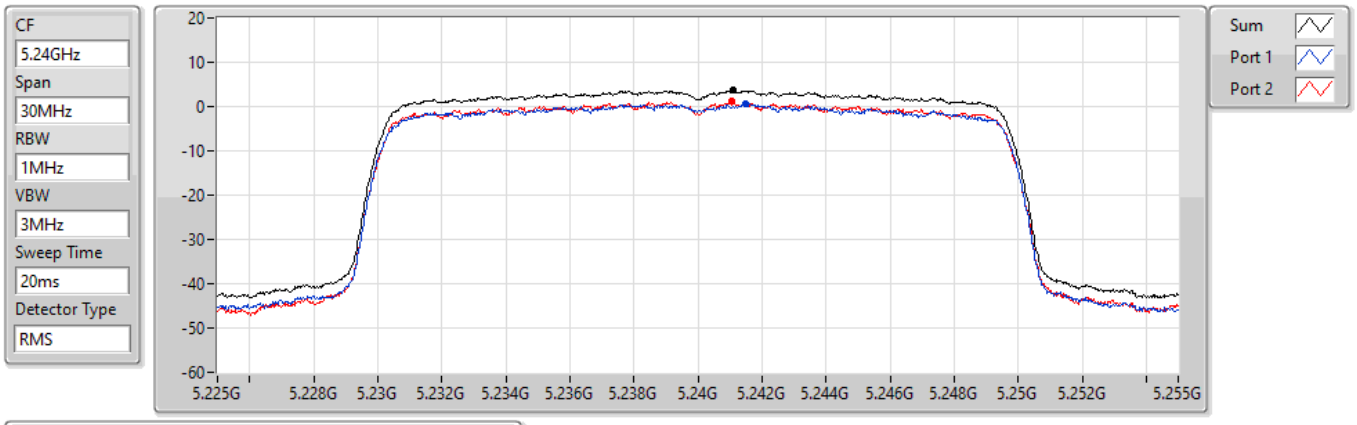


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	0.23	0.91

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

03/11/2021

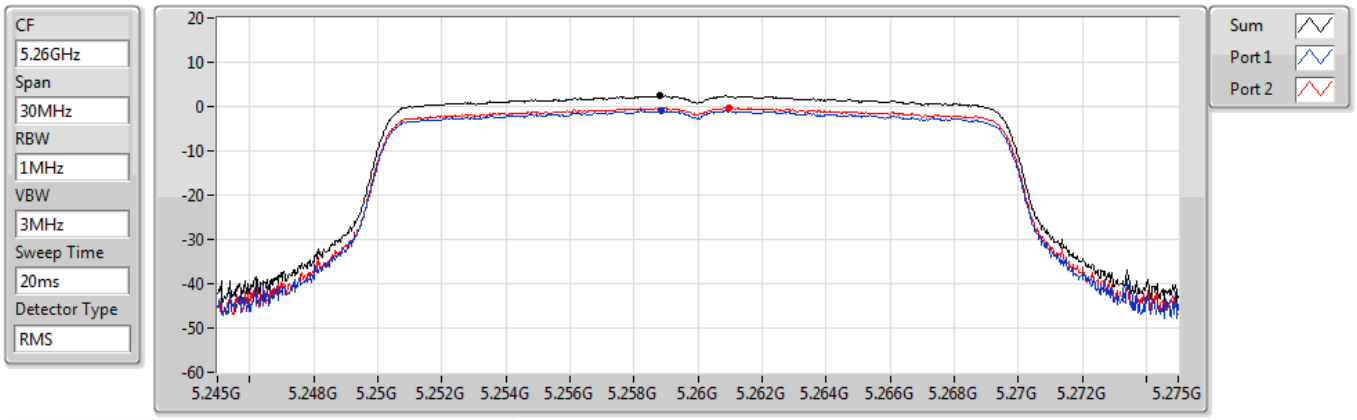


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	0.72	1.12

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5260MHz

19/10/2021

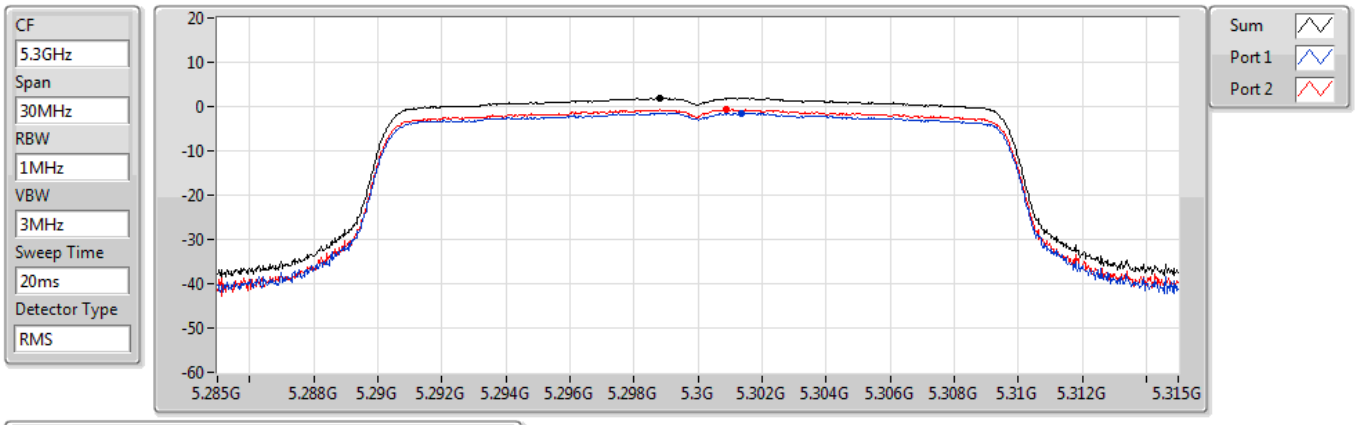


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	-0.87	-0.26

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5300MHz

19/10/2021

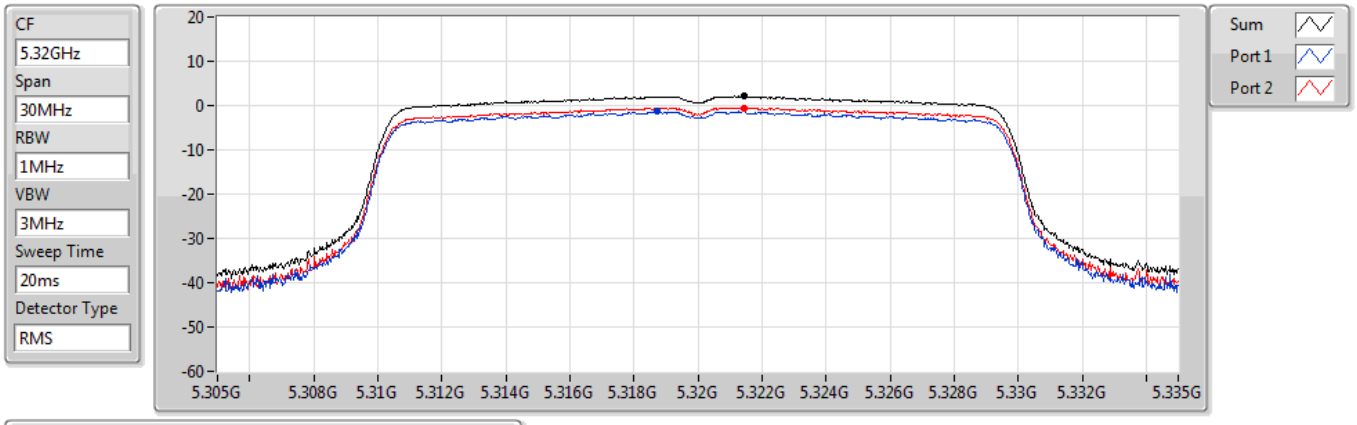


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.89	1.89	-1.46	-0.67

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5320MHz

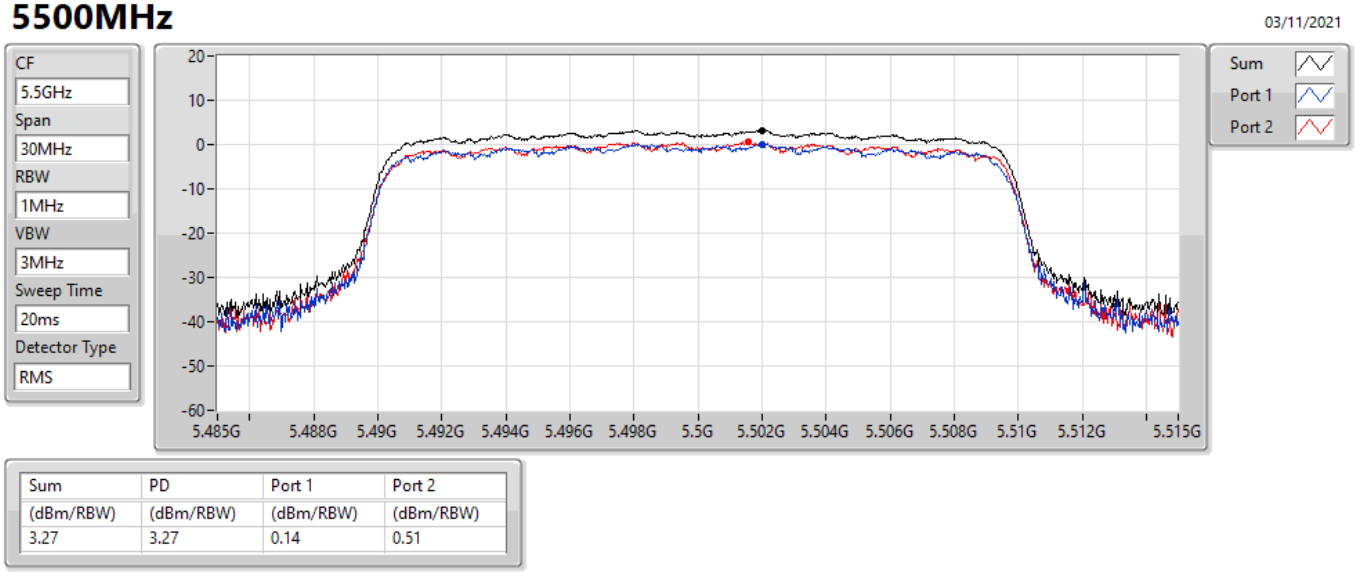
19/10/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	-1.35	-0.48

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

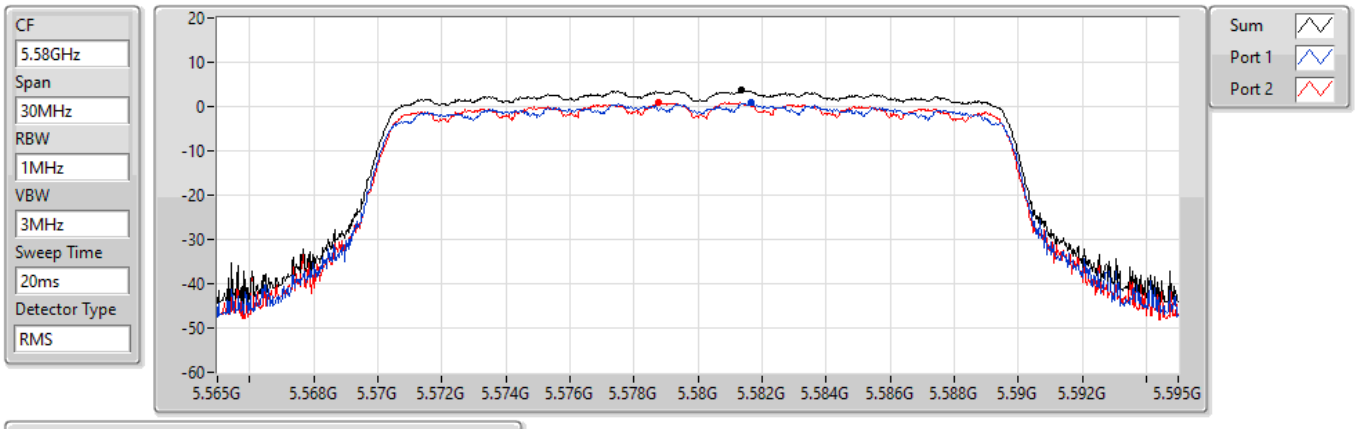
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.27	3.27	0.14	0.51

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5580MHz

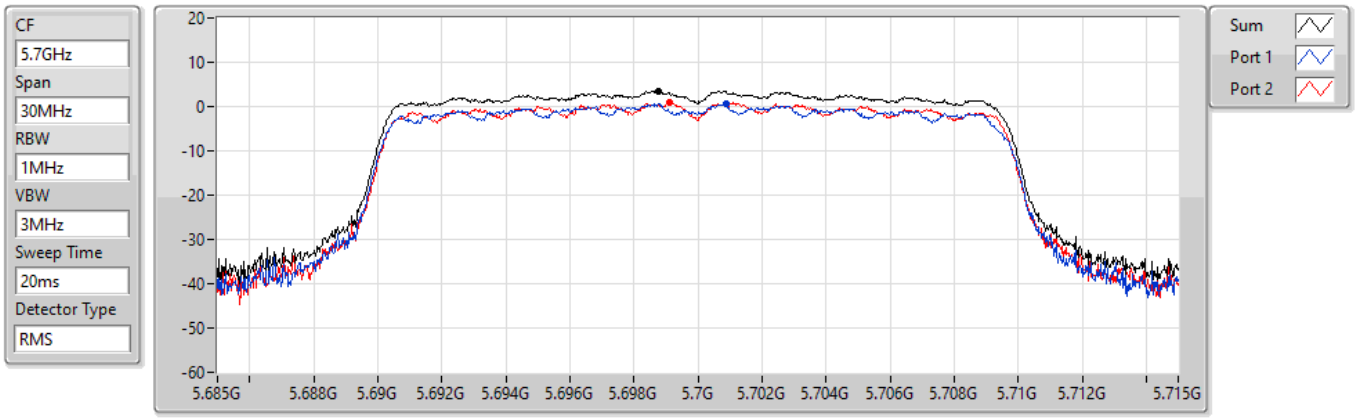


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.73	3.73	0.86	0.89

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5700MHz

03/11/2021

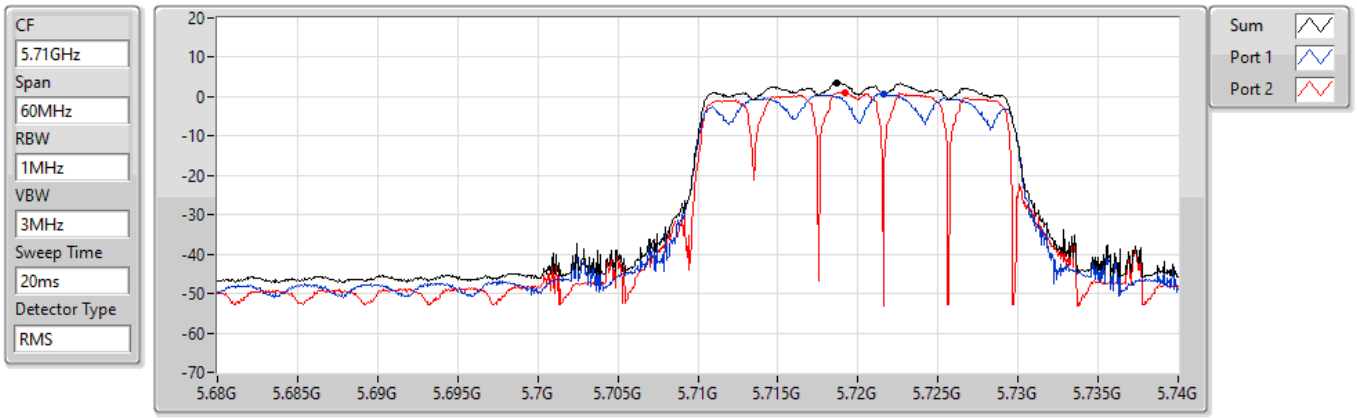


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	0.58	0.94

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

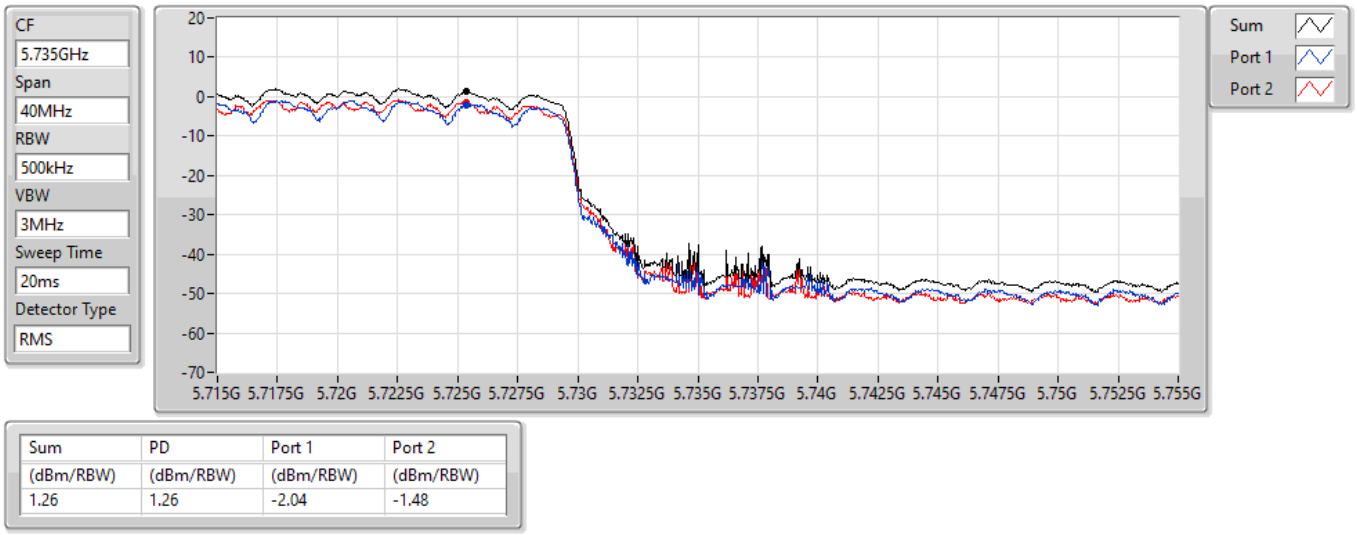
03/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.49	3.49	0.57	0.97

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

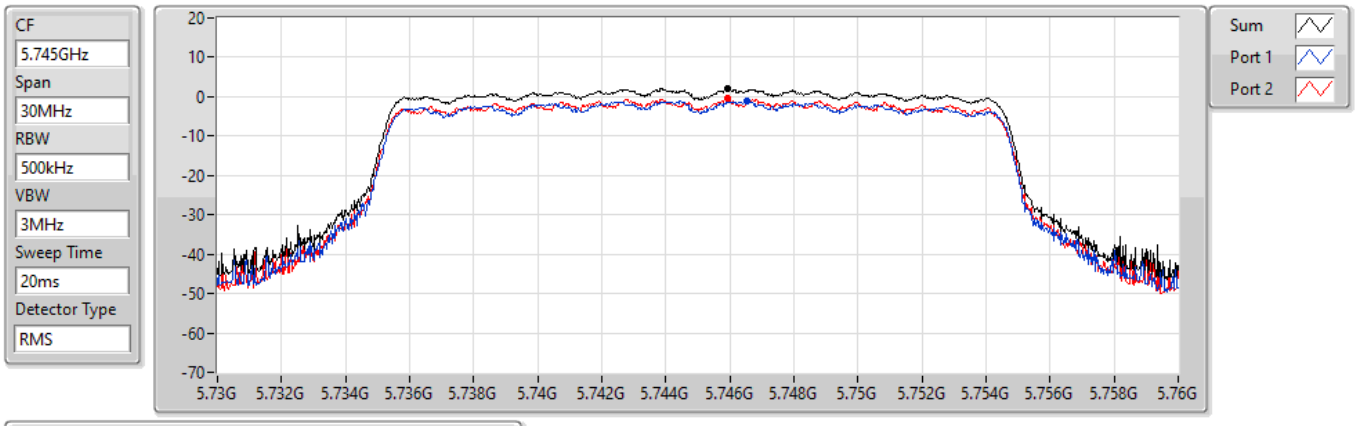
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-2.04	-1.48

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

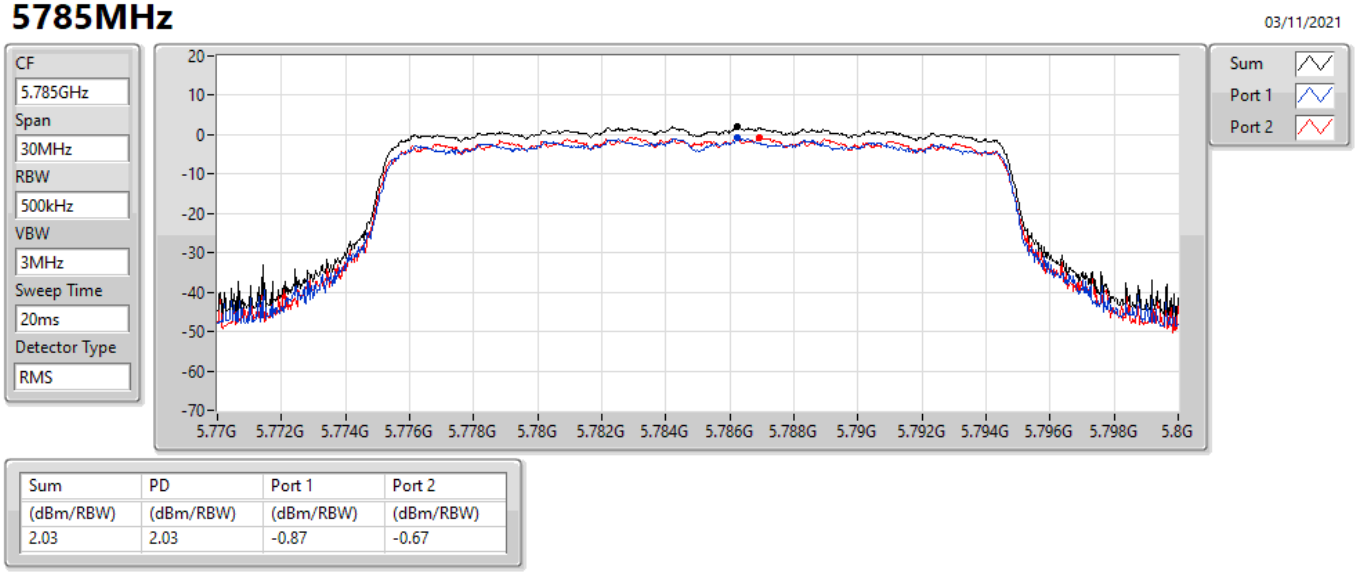
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-1.11	-0.55

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

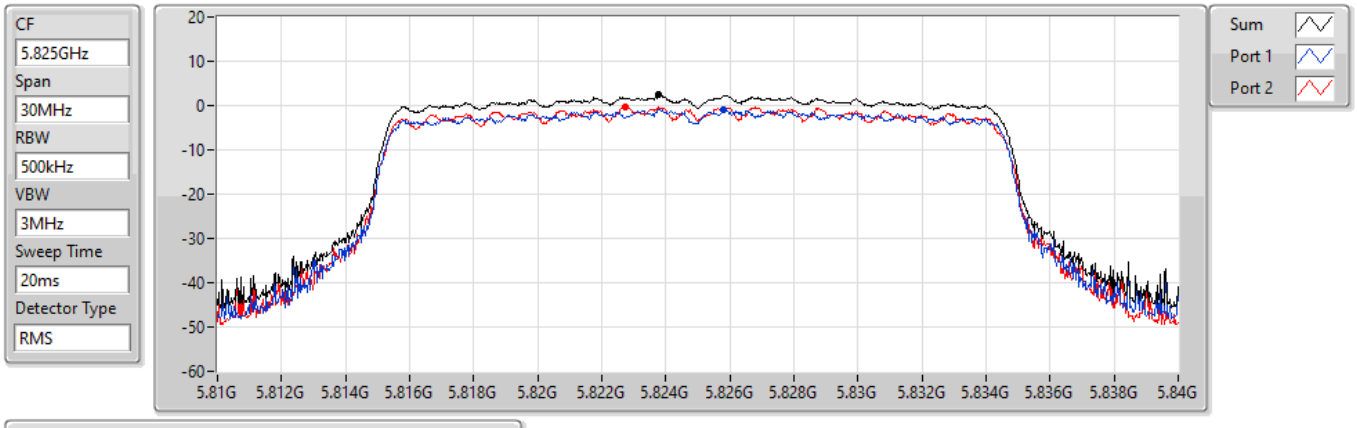
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	-0.87	-0.67

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5825MHz

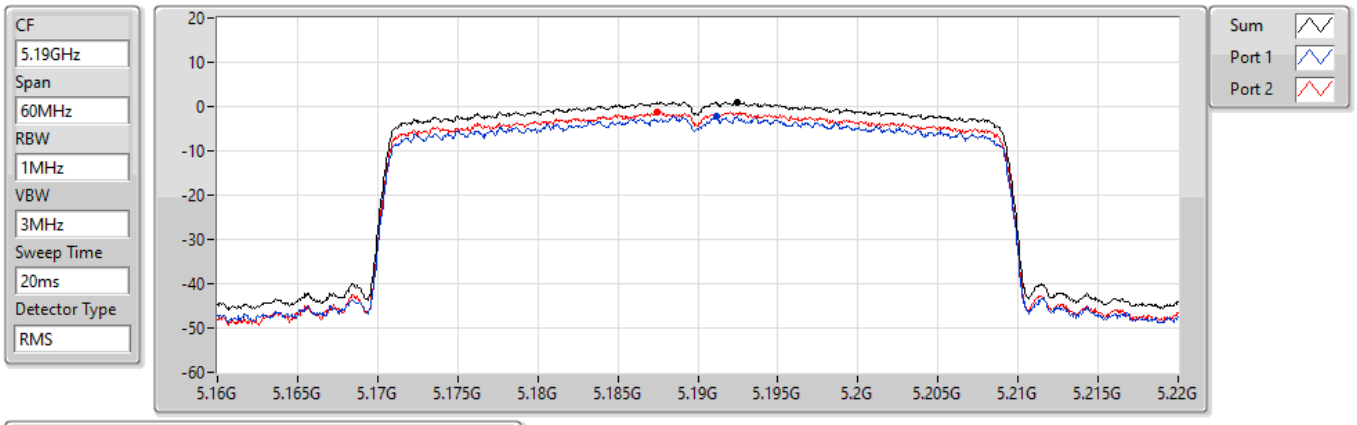


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.35	2.35	-0.91	-0.34

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5190MHz

03/11/2021

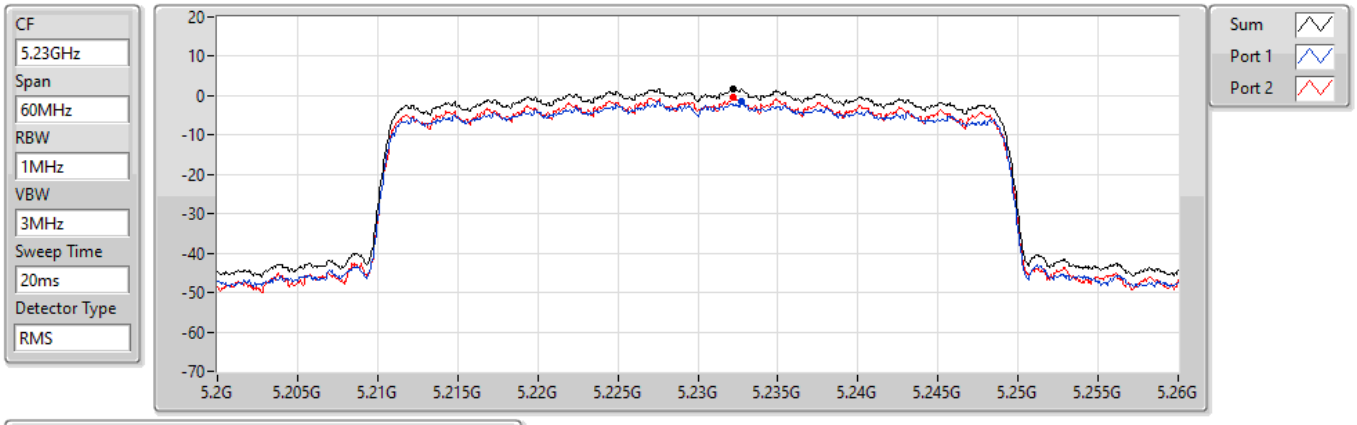


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	-2.18	-1.14

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5230MHz

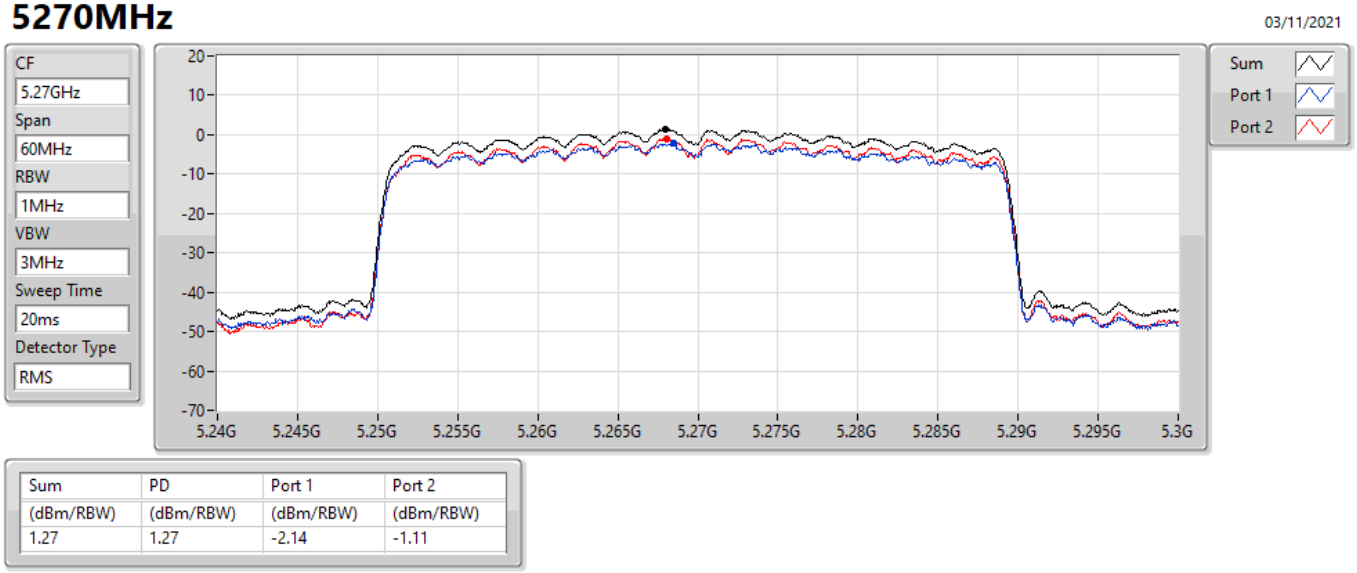
03/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.78	1.78	-1.57	-0.38

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

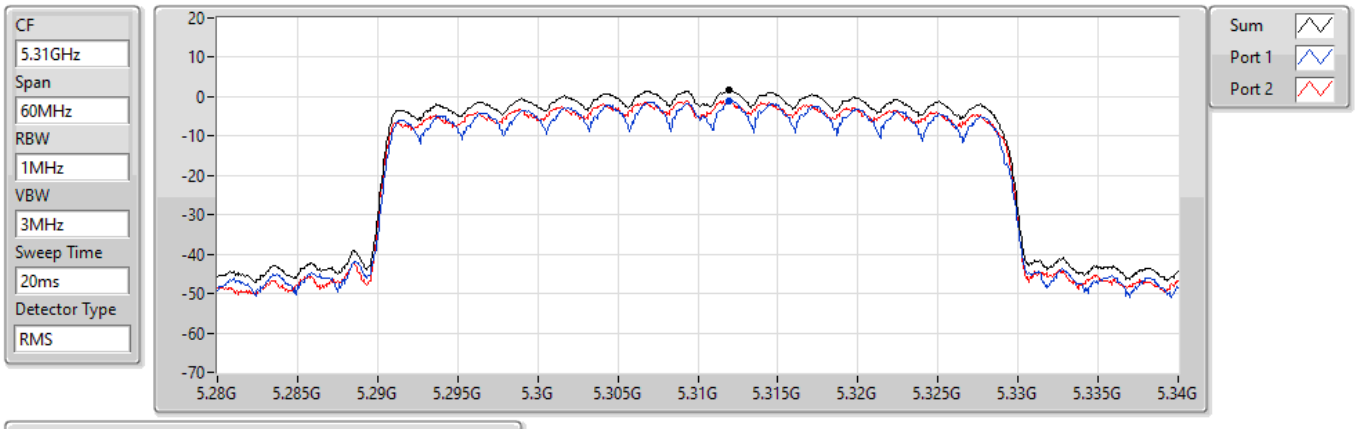
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-2.14	-1.11

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5310MHz

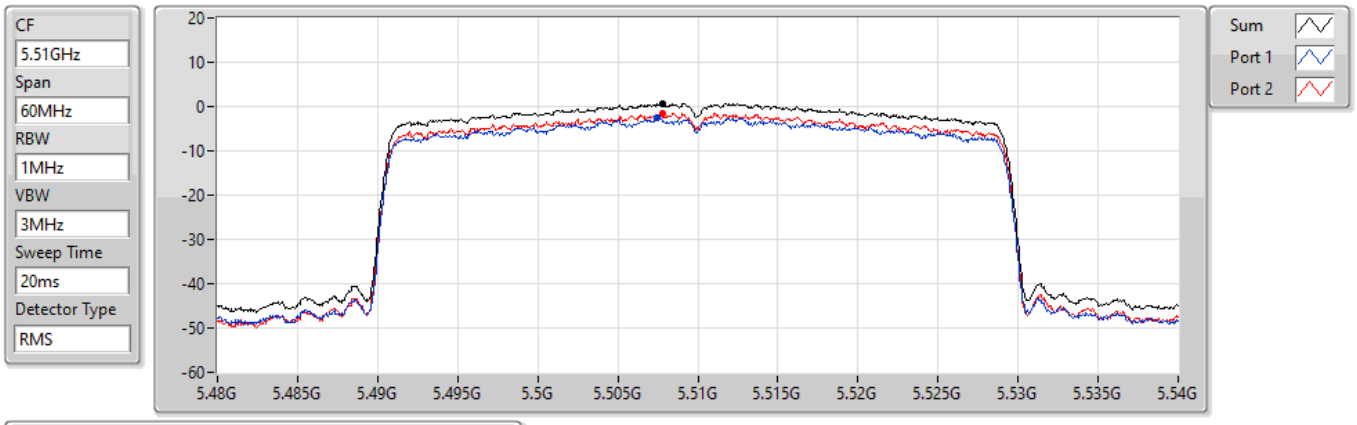


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-1.05	-1.05

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5510MHz

03/11/2021

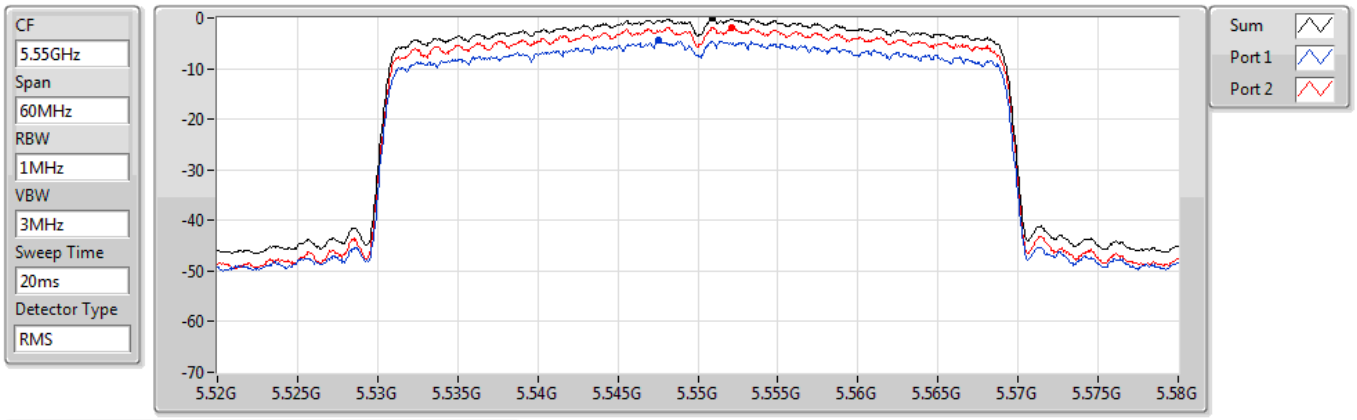


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-2.51	-1.51

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5550MHz

19/10/2021

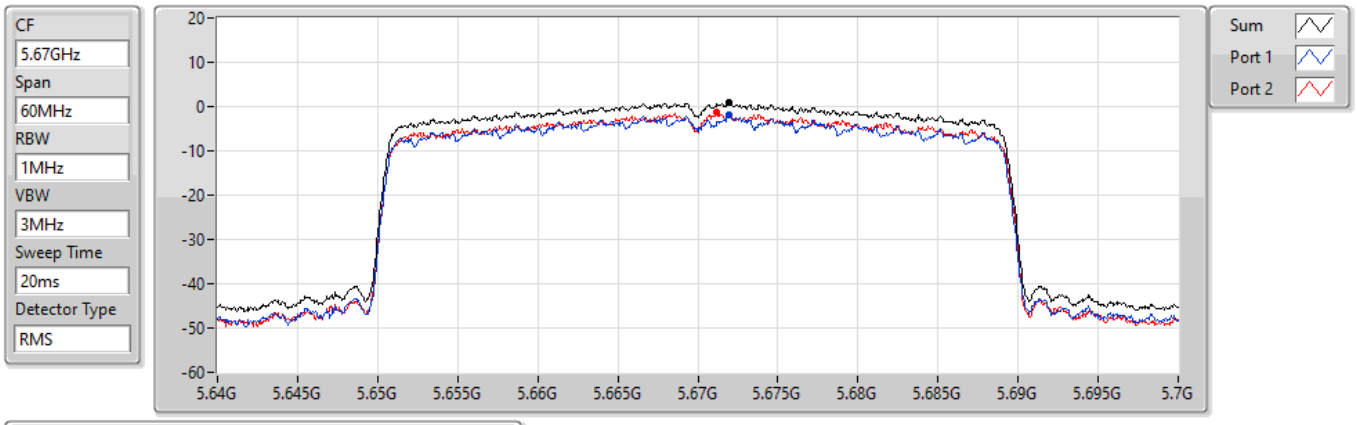


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-4.48	-1.81

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5670MHz

03/11/2021

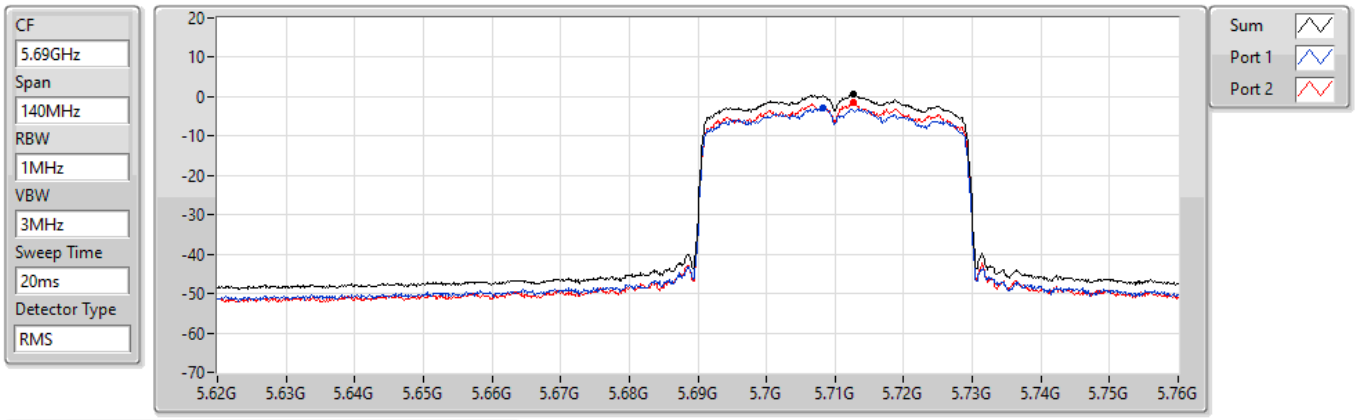


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.95	0.95	-1.85	-1.37

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

03/11/2021

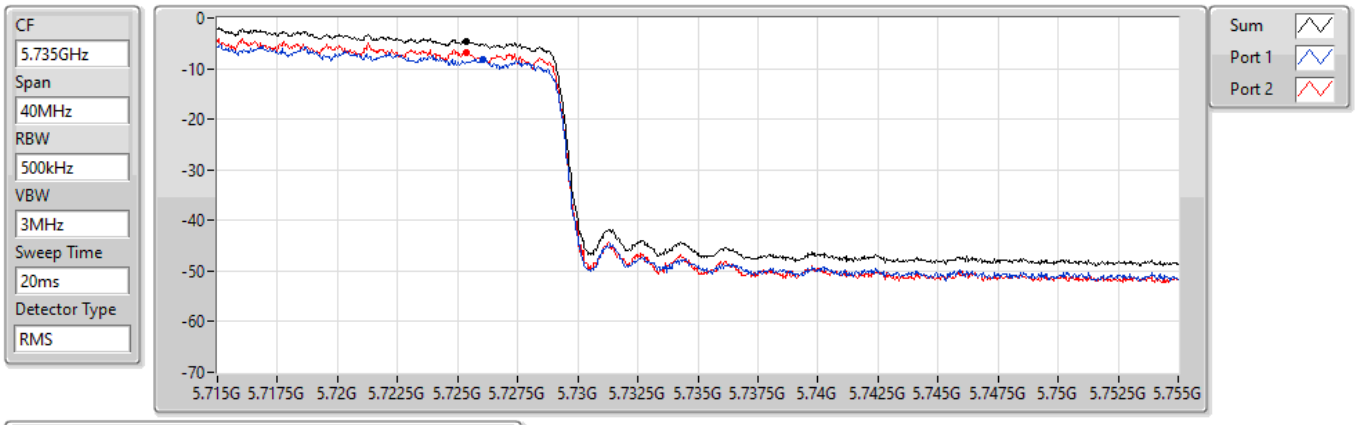


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	-2.96	-1.41

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

03/11/2021

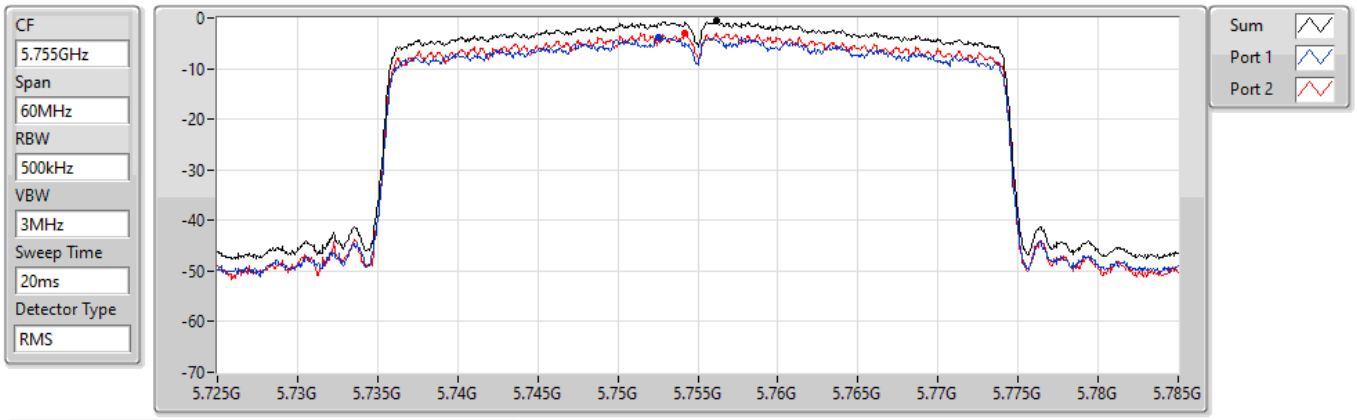


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.63	-4.63	-8.11	-6.74

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5755MHz

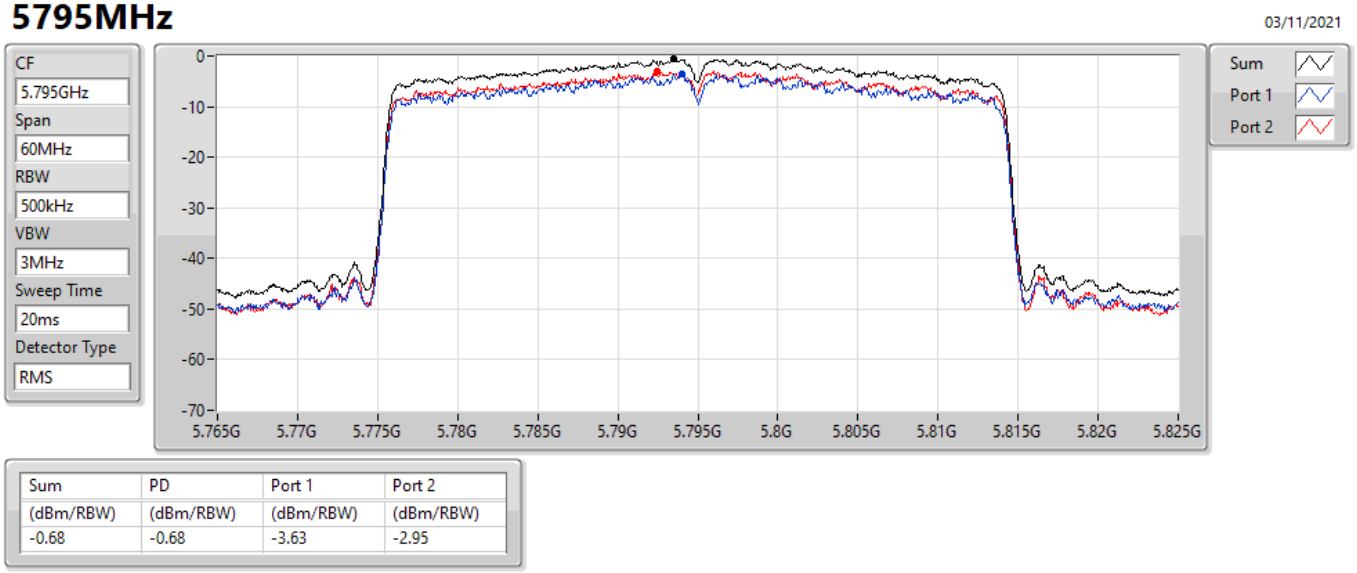
03/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-3.79	-3.04

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

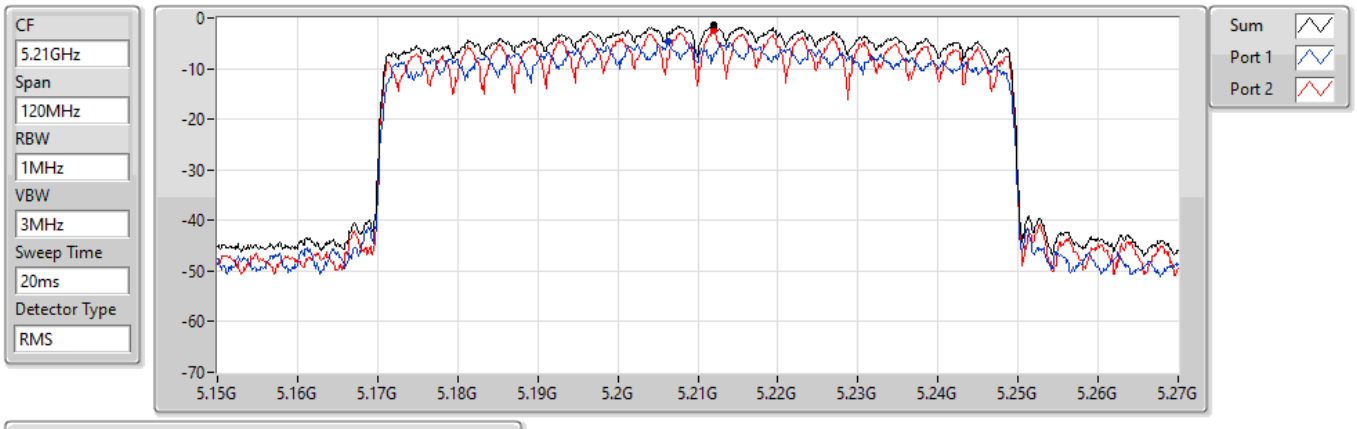
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-3.63	-2.95

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

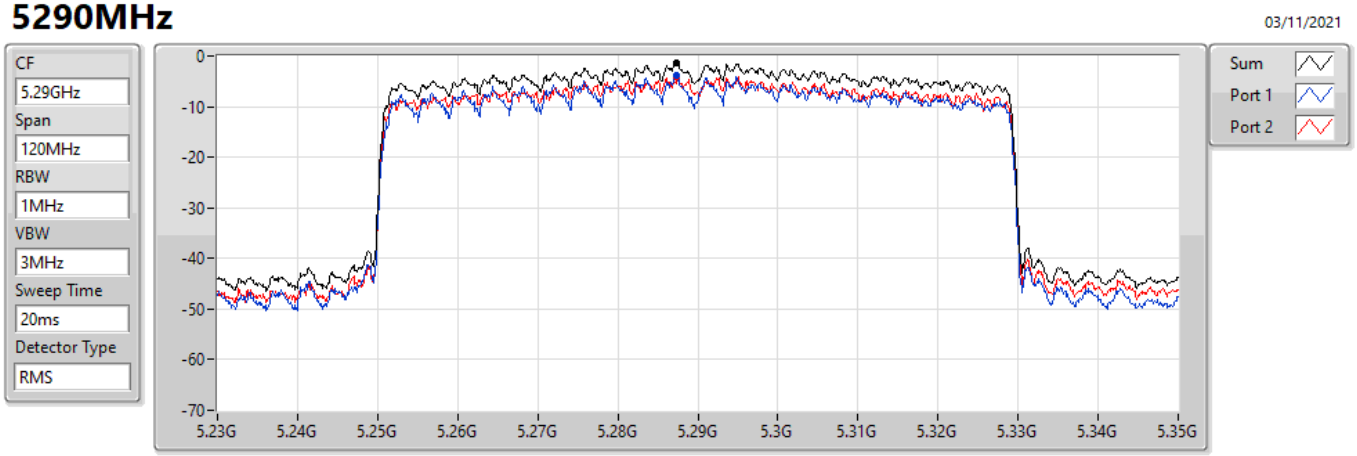
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.33	-1.33	-4.70	-2.57

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

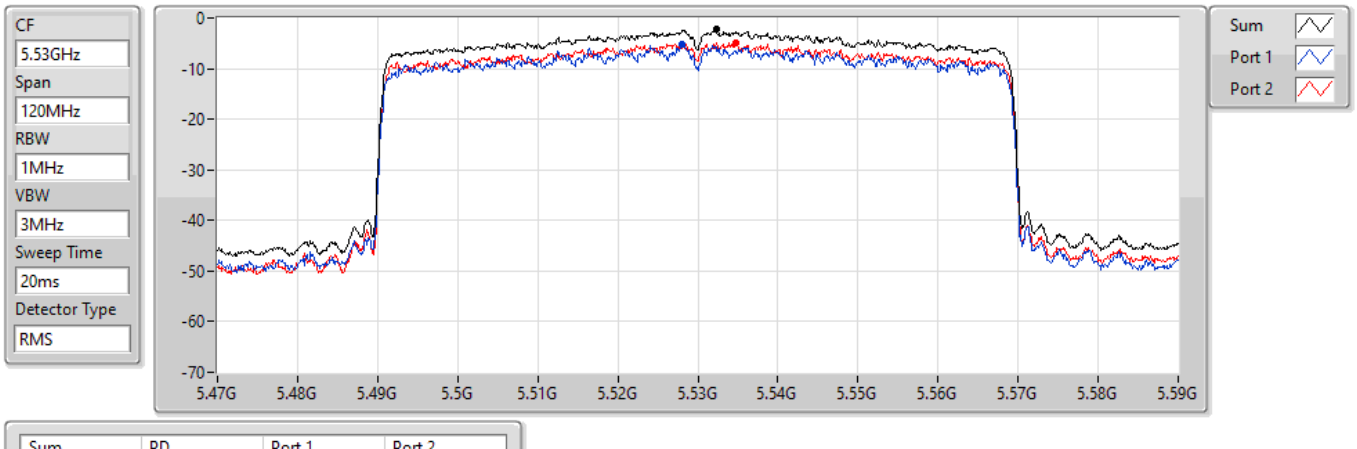
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.24	-1.24	-3.86	-3.98

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5530MHz

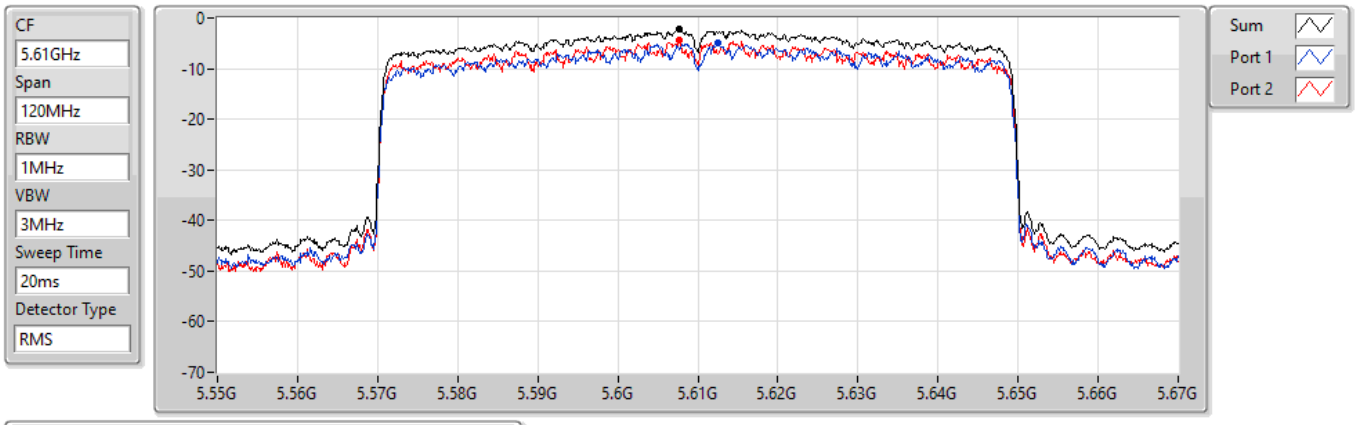


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.30	-2.30	-5.33	-4.95

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5610MHz

03/11/2021

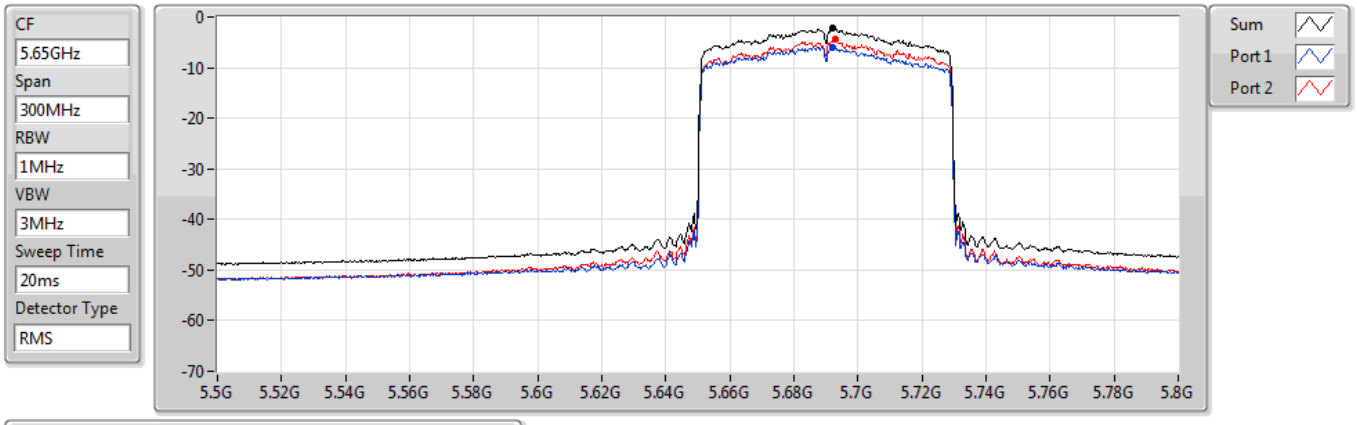


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.26	-2.26	-5.03	-4.45

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

19/10/2021

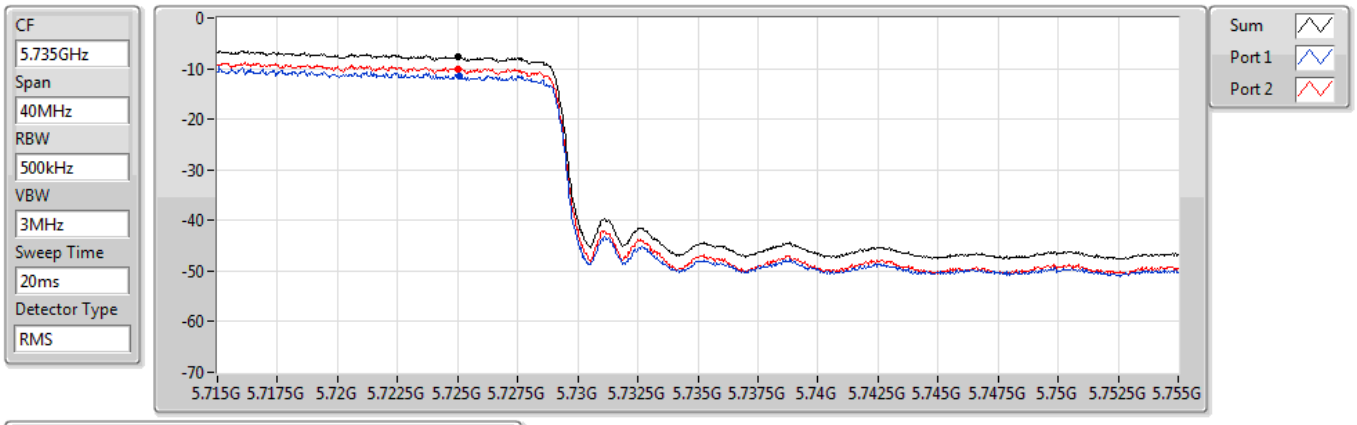


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.25	-2.25	-5.90	-4.49

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

19/10/2021

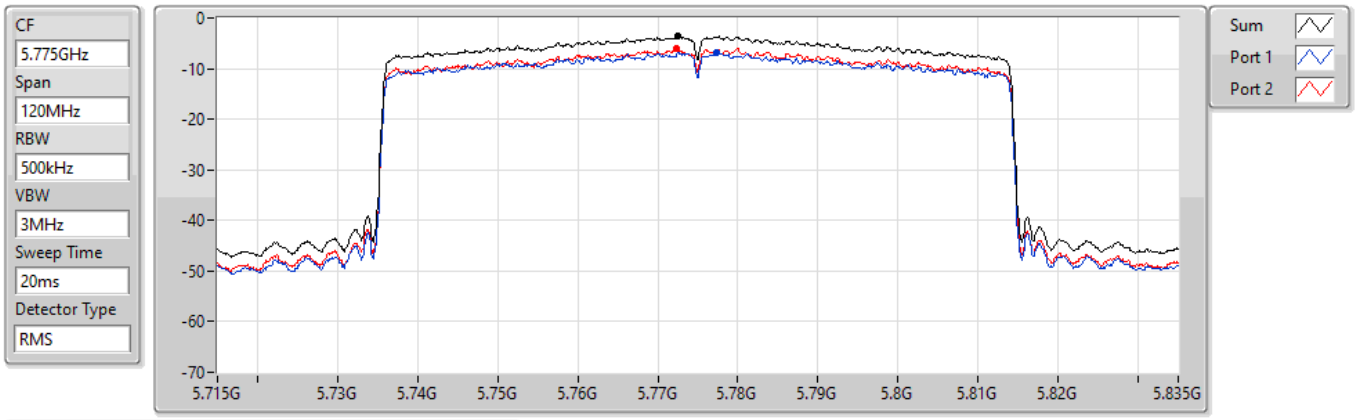


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.67	-7.67	-11.37	-10.00

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

03/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.58	-3.58	-6.78	-6.07

Summary

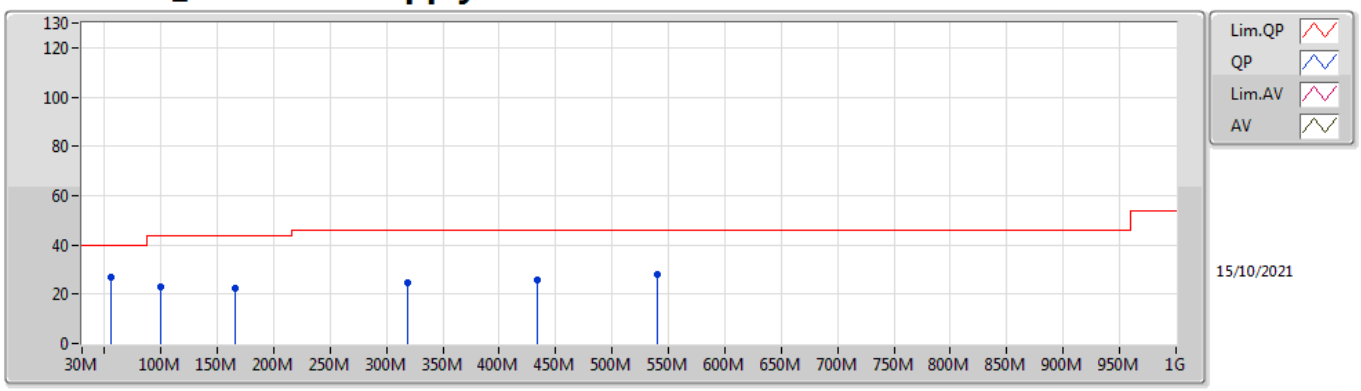
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	55.22M	26.66	40.00	-13.34	3	Vertical	360	1.00	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	55.22M	26.66	40.00	-13.34	3	Vertical	360	1.00	-
5775MHz	Pass	PK	99.84M	22.79	43.50	-20.71	3	Vertical	360	1.00	-
5775MHz	Pass	PK	165.8M	22.21	43.50	-21.29	3	Vertical	360	1.00	-
5775MHz	Pass	PK	319.06M	24.48	46.00	-21.52	3	Vertical	360	1.00	-
5775MHz	Pass	PK	433.52M	26.03	46.00	-19.97	3	Vertical	360	1.00	-
5775MHz	Pass	PK	540.22M	28.21	46.00	-17.79	3	Vertical	360	1.00	-
5775MHz	Pass	PK	30M	23.75	40.00	-16.25	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	99.84M	23.06	43.50	-20.44	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	249.22M	23.58	46.00	-22.42	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	429.64M	26.13	46.00	-19.87	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	534.4M	28.42	46.00	-17.58	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	602.3M	29.38	46.00	-16.62	3	Horizontal	0	1.00	-

802.11ax HEW80_Nss1,(MCS0)_2TX

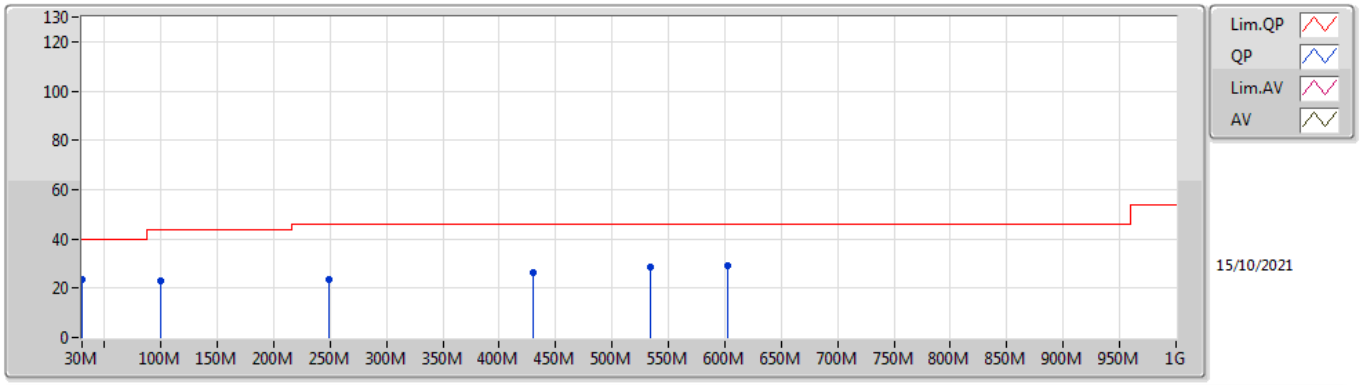
5775MHz_DC Power Supply



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	55.22M	26.66	40.00	-13.34	-14.23	3	Vertical	360	1.00	-	40.89	12.17	1.21	27.61
PK	99.84M	22.79	43.50	-20.71	-9.49	3	Vertical	360	1.00	-	32.28	16.20	1.70	27.39
PK	165.8M	22.21	43.50	-21.29	-10.16	3	Vertical	360	1.00	-	32.37	14.86	2.16	27.18
PK	319.06M	24.48	46.00	-21.52	-5.06	3	Vertical	360	1.00	-	29.54	18.75	3.05	26.86
PK	433.52M	26.03	46.00	-19.97	-2.07	3	Vertical	360	1.00	-	28.10	21.91	3.60	27.58
PK	540.22M	28.21	46.00	-17.79	0.38	3	Vertical	360	1.00	-	27.83	24.39	4.04	28.05

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_DC Power Supply



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	23.75	40.00	-16.25	-3.23	3	Horizontal	0	1.00	-	26.98	23.51	0.90	27.64
PK	99.84M	23.06	43.50	-20.44	-9.49	3	Horizontal	0	1.00	-	32.55	16.20	1.70	27.39
PK	249.22M	23.58	46.00	-22.42	-6.41	3	Horizontal	0	1.00	-	29.99	17.65	2.67	26.73
PK	429.64M	26.13	46.00	-19.87	-2.04	3	Horizontal	0	1.00	-	28.17	21.91	3.59	27.54
PK	534.4M	28.42	46.00	-17.58	-0.23	3	Horizontal	0	1.00	-	28.65	23.76	4.01	28.00
PK	602.3M	29.38	46.00	-16.62	0.21	3	Horizontal	0	1.00	-	29.17	23.87	4.39	28.05

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	10.36104G	66.10	68.20	-2.10	3	Horizontal	297	1.01	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.148G	49.14	54.00	-4.86	3	Horizontal	15	1.26	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1484G	50.93	54.00	-3.07	3	Horizontal	22	1.25	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.149G	51.21	54.00	-2.79	3	Horizontal	22	1.06	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	10.64198G	53.78	54.00	-0.22	3	Horizontal	305	1.18	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	10.60144G	53.06	54.00	-0.94	3	Horizontal	307	1.18	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	10.6211G	53.84	54.00	-0.16	3	Horizontal	318	1.19	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.29	54.00	-0.71	3	Horizontal	23	1.00	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	10.99808G	50.67	54.00	-3.33	3	Horizontal	327	1.13	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	11.00018G	50.69	54.00	-3.31	3	Horizontal	316	1.27	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	11.0275G	50.35	54.00	-3.65	3	Horizontal	304	1.14	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.468G	63.55	68.20	-4.65	3	Horizontal	17	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.48886G	44.19	54.00	-9.81	3	Vertical	140	1.88	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	11.4918G	46.67	54.00	-7.33	3	Vertical	173	1.36	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	11.4989G	46.42	54.00	-7.58	3	Vertical	179	1.90	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	11.55728G	45.86	54.00	-8.14	3	Horizontal	328	1.19	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.148G	43.32	54.00	-10.68	3	Vertical	279	1.00	-
5180MHz	Pass	AV	5.1784G	96.96	Inf	-Inf	3	Vertical	279	1.00	-
5180MHz	Pass	PK	5.1484G	55.55	74.00	-18.45	3	Vertical	279	1.00	-
5180MHz	Pass	PK	5.1786G	105.77	Inf	-Inf	3	Vertical	279	1.00	-
5180MHz	Pass	AV	5.1488G	47.11	54.00	-6.89	3	Horizontal	16	1.17	-
5180MHz	Pass	AV	5.179G	102.97	Inf	-Inf	3	Horizontal	16	1.17	-
5180MHz	Pass	PK	5.1488G	58.69	74.00	-15.31	3	Horizontal	16	1.17	-
5180MHz	Pass	PK	5.1788G	111.08	Inf	-Inf	3	Horizontal	16	1.17	-
5180MHz	Pass	PK	10.35948G	60.26	68.20	-7.94	3	Vertical	195	1.30	-
5180MHz	Pass	PK	10.36104G	66.10	68.20	-2.10	3	Horizontal	297	1.01	-
5200MHz	Pass	AV	5.1488G	42.47	54.00	-11.53	3	Vertical	162	1.46	-
5200MHz	Pass	AV	5.1988G	96.78	Inf	-Inf	3	Vertical	162	1.46	-
5200MHz	Pass	PK	5.1428G	53.27	74.00	-20.73	3	Vertical	162	1.46	-
5200MHz	Pass	PK	5.1984G	105.78	Inf	-Inf	3	Vertical	162	1.46	-
5200MHz	Pass	AV	5.1496G	45.49	54.00	-8.51	3	Horizontal	16	1.01	-
5200MHz	Pass	AV	5.1988G	102.97	Inf	-Inf	3	Horizontal	16	1.01	-
5200MHz	Pass	PK	5.1268G	56.55	74.00	-17.45	3	Horizontal	16	1.01	-
5200MHz	Pass	PK	5.1992G	111.56	Inf	-Inf	3	Horizontal	16	1.01	-
5200MHz	Pass	PK	10.40224G	61.97	68.20	-6.23	3	Vertical	173	1.50	-
5200MHz	Pass	PK	10.4008G	65.87	68.20	-2.33	3	Horizontal	299	1.29	-
5240MHz	Pass	AV	5.15G	41.86	54.00	-12.14	3	Vertical	217	1.50	-
5240MHz	Pass	AV	5.2412G	96.28	Inf	-Inf	3	Vertical	217	1.50	-
5240MHz	Pass	AV	5.3558G	40.93	54.00	-13.07	3	Vertical	217	1.50	-
5240MHz	Pass	PK	5.1392G	53.63	74.00	-20.37	3	Vertical	217	1.50	-
5240MHz	Pass	PK	5.2406G	104.26	Inf	-Inf	3	Vertical	217	1.50	-
5240MHz	Pass	PK	5.3546G	52.70	74.00	-21.30	3	Vertical	217	1.50	-
5240MHz	Pass	AV	5.1476G	44.22	54.00	-9.78	3	Horizontal	13	1.44	-
5240MHz	Pass	AV	5.2406G	101.99	Inf	-Inf	3	Horizontal	13	1.44	-
5240MHz	Pass	AV	5.3708G	41.83	54.00	-12.17	3	Horizontal	13	1.44	-
5240MHz	Pass	PK	5.1398G	55.44	74.00	-18.56	3	Horizontal	13	1.44	-
5240MHz	Pass	PK	5.2412G	109.85	Inf	-Inf	3	Horizontal	13	1.44	-
5240MHz	Pass	PK	5.3588G	53.24	74.00	-20.76	3	Horizontal	13	1.44	-
5240MHz	Pass	PK	10.47808G	60.67	68.20	-7.53	3	Vertical	173	1.50	-
5240MHz	Pass	PK	10.47624G	64.87	68.20	-3.33	3	Horizontal	299	1.19	-
5260MHz	Pass	AV	5.1496G	41.61	54.00	-12.39	3	Vertical	0	1.50	-
5260MHz	Pass	AV	5.2606G	97.34	Inf	-Inf	3	Vertical	0	1.50	-
5260MHz	Pass	AV	5.41G	41.15	54.00	-12.85	3	Vertical	0	1.50	-
5260MHz	Pass	PK	5.1454G	53.46	74.00	-20.54	3	Vertical	0	1.50	-
5260MHz	Pass	PK	5.2612G	105.49	Inf	-Inf	3	Vertical	0	1.50	-
5260MHz	Pass	PK	5.362G	52.88	74.00	-21.12	3	Vertical	0	1.50	-
5260MHz	Pass	AV	5.1478G	43.12	54.00	-10.88	3	Horizontal	17	1.19	-
5260MHz	Pass	AV	5.2594G	103.55	Inf	-Inf	3	Horizontal	17	1.19	-
5260MHz	Pass	AV	5.3584G	42.31	54.00	-11.69	3	Horizontal	17	1.19	-
5260MHz	Pass	PK	5.1496G	54.67	74.00	-19.33	3	Horizontal	17	1.19	-
5260MHz	Pass	PK	5.2594G	111.64	Inf	-Inf	3	Horizontal	17	1.19	-
5260MHz	Pass	PK	5.3722G	54.31	74.00	-19.69	3	Horizontal	17	1.19	-
5260MHz	Pass	PK	10.52268G	63.60	68.20	-4.60	3	Vertical	175	1.32	-
5260MHz	Pass	PK	10.52G	67.30	68.20	-0.90	3	Horizontal	298	1.16	-
5300MHz	Pass	AV	5.2992G	95.86	Inf	-Inf	3	Vertical	6	1.66	-
5300MHz	Pass	AV	5.3592G	41.63	54.00	-12.37	3	Vertical	6	1.66	-
5300MHz	Pass	PK	5.2988G	104.70	Inf	-Inf	3	Vertical	6	1.66	-
5300MHz	Pass	PK	5.3652G	53.10	74.00	-20.90	3	Vertical	6	1.66	-
5300MHz	Pass	AV	5.2984G	101.03	Inf	-Inf	3	Horizontal	28	1.20	-
5300MHz	Pass	AV	5.3556G	45.42	54.00	-8.58	3	Horizontal	28	1.20	-
5300MHz	Pass	PK	5.2984G	109.57	Inf	-Inf	3	Horizontal	28	1.20	-
5300MHz	Pass	PK	5.3504G	56.74	74.00	-17.26	3	Horizontal	28	1.20	-
5300MHz	Pass	AV	10.60066G	53.24	54.00	-0.76	3	Vertical	193	1.40	-
5300MHz	Pass	PK	10.60072G	65.58	74.00	-8.42	3	Vertical	193	1.40	-
5300MHz	Pass	AV	10.60012G	53.11	54.00	-0.89	3	Horizontal	314	1.00	-
5300MHz	Pass	PK	10.60414G	69.17	74.00	-4.83	3	Horizontal	314	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3184G	96.30	Inf	-Inf	3	Vertical	152	1.35	-
5320MHz	Pass	AV	5.3532G	43.18	54.00	-10.82	3	Vertical	152	1.35	-
5320MHz	Pass	PK	5.3182G	104.93	Inf	-Inf	3	Vertical	152	1.35	-
5320MHz	Pass	PK	5.3548G	55.36	74.00	-18.64	3	Vertical	152	1.35	-
5320MHz	Pass	AV	5.3184G	100.78	Inf	-Inf	3	Horizontal	27	1.00	-
5320MHz	Pass	AV	5.353G	46.64	54.00	-7.36	3	Horizontal	27	1.00	-
5320MHz	Pass	PK	5.3186G	109.42	Inf	-Inf	3	Horizontal	27	1.00	-
5320MHz	Pass	PK	5.3534G	57.74	74.00	-16.26	3	Horizontal	27	1.00	-
5320MHz	Pass	AV	10.64078G	53.51	54.00	-0.49	3	Vertical	193	1.28	-
5320MHz	Pass	PK	10.6403G	66.44	74.00	-7.56	3	Vertical	193	1.28	-
5320MHz	Pass	AV	10.64198G	53.78	54.00	-0.22	3	Horizontal	305	1.18	-
5320MHz	Pass	PK	10.63682G	66.33	74.00	-7.67	3	Horizontal	305	1.18	-
5500MHz	Pass	AV	5.4552G	43.41	54.00	-10.59	3	Vertical	201	1.00	-
5500MHz	Pass	AV	5.4984G	97.68	Inf	-Inf	3	Vertical	201	1.00	-
5500MHz	Pass	PK	5.469G	56.55	68.20	-11.65	3	Vertical	201	1.00	-
5500MHz	Pass	PK	5.4988G	106.20	Inf	-Inf	3	Vertical	201	1.00	-
5500MHz	Pass	AV	5.4558G	45.02	54.00	-8.98	3	Horizontal	18	1.07	-
5500MHz	Pass	AV	5.5016G	100.48	Inf	-Inf	3	Horizontal	18	1.07	-
5500MHz	Pass	PK	5.47G	57.79	68.20	-10.41	3	Horizontal	18	1.07	-
5500MHz	Pass	PK	5.5022G	109.61	Inf	-Inf	3	Horizontal	18	1.07	-
5500MHz	Pass	AV	10.99916G	48.71	54.00	-5.29	3	Vertical	151	1.70	-
5500MHz	Pass	PK	10.99844G	61.07	74.00	-12.93	3	Vertical	151	1.70	-
5500MHz	Pass	AV	10.99808G	50.67	54.00	-3.33	3	Horizontal	327	1.13	-
5500MHz	Pass	PK	10.9988G	63.15	74.00	-10.85	3	Horizontal	327	1.13	-
5580MHz	Pass	AV	5.46G	41.40	54.00	-12.60	3	Vertical	283	1.29	-
5580MHz	Pass	AV	5.5806G	97.68	Inf	-Inf	3	Vertical	283	1.29	-
5580MHz	Pass	PK	5.4648G	52.70	68.20	-15.50	3	Vertical	283	1.29	-
5580MHz	Pass	PK	5.5806G	105.76	Inf	-Inf	3	Vertical	283	1.29	-
5580MHz	Pass	PK	5.7252G	52.83	68.20	-15.37	3	Vertical	283	1.29	-
5580MHz	Pass	AV	5.4558G	42.22	54.00	-11.78	3	Horizontal	29	1.00	-
5580MHz	Pass	AV	5.5794G	100.95	Inf	-Inf	3	Horizontal	29	1.00	-
5580MHz	Pass	PK	5.4624G	54.44	68.20	-13.76	3	Horizontal	29	1.00	-
5580MHz	Pass	PK	5.5788G	109.30	Inf	-Inf	3	Horizontal	29	1.00	-
5580MHz	Pass	PK	5.727G	53.37	68.20	-14.83	3	Horizontal	29	1.00	-
5580MHz	Pass	AV	11.15736G	46.28	54.00	-7.72	3	Vertical	190	1.52	-
5580MHz	Pass	PK	11.1621G	58.15	74.00	-15.85	3	Vertical	190	1.52	-
5580MHz	Pass	AV	11.16042G	47.35	54.00	-6.65	3	Horizontal	320	1.16	-
5580MHz	Pass	PK	11.16018G	59.07	74.00	-14.93	3	Horizontal	320	1.16	-
5700MHz	Pass	AV	5.7024G	96.70	Inf	-Inf	3	Vertical	285	1.57	-
5700MHz	Pass	PK	5.7024G	105.32	Inf	-Inf	3	Vertical	285	1.57	-
5700MHz	Pass	PK	5.7252G	55.64	68.20	-12.56	3	Vertical	285	1.57	-
5700MHz	Pass	AV	5.7012G	100.72	Inf	-Inf	3	Horizontal	29	1.00	-
5700MHz	Pass	PK	5.7016G	109.24	Inf	-Inf	3	Horizontal	29	1.00	-
5700MHz	Pass	PK	5.7264G	58.62	68.20	-9.58	3	Horizontal	29	1.00	-
5700MHz	Pass	AV	11.40048G	46.71	54.00	-7.29	3	Vertical	194	1.35	-
5700MHz	Pass	PK	11.40072G	58.44	74.00	-15.56	3	Vertical	194	1.35	-
5700MHz	Pass	AV	11.39958G	46.48	54.00	-7.52	3	Horizontal	319	1.33	-
5700MHz	Pass	PK	11.40546G	58.40	74.00	-15.60	3	Horizontal	319	1.33	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.721G	96.92	Inf	-Inf	3	Vertical	157	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.72G	104.95	Inf	-Inf	3	Vertical	157	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.89G	53.64	68.20	-14.56	3	Vertical	157	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.721G	100.95	Inf	-Inf	3	Horizontal	28	1.13	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.721G	109.48	Inf	-Inf	3	Horizontal	28	1.13	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.864G	54.45	68.20	-13.75	3	Horizontal	28	1.13	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44186G	46.86	54.00	-7.14	3	Vertical	193	1.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44162G	59.06	74.00	-14.94	3	Vertical	193	1.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43958G	45.14	54.00	-8.86	3	Horizontal	28	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43958G	56.87	74.00	-17.13	3	Horizontal	28	1.50	-
5745MHz	Pass	AV	5.7438G	95.79	Inf	-Inf	3	Vertical	156	1.38	-
5745MHz	Pass	PK	5.5998G	54.22	68.20	-13.98	3	Vertical	156	1.38	-
5745MHz	Pass	PK	5.7438G	104.55	Inf	-Inf	3	Vertical	156	1.38	-
5745MHz	Pass	PK	6.0342G	54.09	68.20	-14.11	3	Vertical	156	1.38	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	5.7438G	99.06	Inf	-Inf	3	Horizontal	25	1.00	-
5745MHz	Pass	PK	5.6226G	53.60	68.20	-14.60	3	Horizontal	25	1.00	-
5745MHz	Pass	PK	5.7438G	107.70	Inf	-Inf	3	Horizontal	25	1.00	-
5745MHz	Pass	PK	6.0342G	54.49	68.20	-13.71	3	Horizontal	25	1.00	-
5745MHz	Pass	AV	11.48886G	44.19	54.00	-9.81	3	Vertical	140	1.88	-
5745MHz	Pass	PK	11.48892G	56.37	74.00	-17.63	3	Vertical	140	1.88	-
5745MHz	Pass	AV	11.48448G	42.97	54.00	-11.03	3	Horizontal	356	1.50	-
5745MHz	Pass	PK	11.49888G	54.89	74.00	-19.11	3	Horizontal	356	1.50	-
5785MHz	Pass	AV	5.7862G	94.71	Inf	-Inf	3	Vertical	25	3.00	-
5785MHz	Pass	PK	5.5582G	53.49	68.20	-14.71	3	Vertical	25	3.00	-
5785MHz	Pass	PK	5.7862G	102.88	Inf	-Inf	3	Vertical	25	3.00	-
5785MHz	Pass	PK	6.0538G	54.36	68.20	-13.84	3	Vertical	25	3.00	-
5785MHz	Pass	AV	5.7862G	98.73	Inf	-Inf	3	Horizontal	24	1.00	-
5785MHz	Pass	PK	5.6446G	53.44	68.20	-14.76	3	Horizontal	24	1.00	-
5785MHz	Pass	PK	5.7862G	107.72	Inf	-Inf	3	Horizontal	24	1.00	-
5785MHz	Pass	PK	5.9326G	54.97	68.20	-13.23	3	Horizontal	24	1.00	-
5785MHz	Pass	AV	11.5685G	43.22	54.00	-10.78	3	Vertical	296	1.76	-
5785MHz	Pass	PK	11.5829G	55.46	74.00	-18.54	3	Vertical	296	1.76	-
5785MHz	Pass	AV	11.57444G	42.82	54.00	-11.18	3	Horizontal	4	1.50	-
5785MHz	Pass	PK	11.5559G	55.02	74.00	-18.98	3	Horizontal	4	1.50	-
5825MHz	Pass	AV	5.8262G	97.26	Inf	-Inf	3	Vertical	155	1.09	-
5825MHz	Pass	PK	5.6234G	53.32	68.20	-14.88	3	Vertical	155	1.09	-
5825MHz	Pass	PK	5.8262G	105.49	Inf	-Inf	3	Vertical	155	1.09	-
5825MHz	Pass	PK	5.9558G	54.64	68.20	-13.56	3	Vertical	155	1.09	-
5825MHz	Pass	AV	5.8262G	100.57	Inf	-Inf	3	Horizontal	25	1.01	-
5825MHz	Pass	PK	5.597G	52.99	68.20	-15.21	3	Horizontal	25	1.01	-
5825MHz	Pass	PK	5.8262G	109.23	Inf	-Inf	3	Horizontal	25	1.01	-
5825MHz	Pass	PK	5.9426G	55.14	68.20	-13.06	3	Horizontal	25	1.01	-
5825MHz	Pass	AV	11.64838G	44.16	54.00	-9.84	3	Vertical	319	1.36	-
5825MHz	Pass	PK	11.64976G	55.93	74.00	-18.07	3	Vertical	319	1.36	-
5825MHz	Pass	AV	11.64988G	44.04	54.00	-9.96	3	Horizontal	319	1.21	-
5825MHz	Pass	PK	11.65522G	56.01	74.00	-17.99	3	Horizontal	319	1.21	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1464G	45.86	54.00	-8.14	3	Vertical	207	1.28	-
5180MHz	Pass	AV	5.1812G	97.27	Inf	-Inf	3	Vertical	207	1.28	-
5180MHz	Pass	PK	5.1484G	55.00	74.00	-19.00	3	Vertical	207	1.28	-
5180MHz	Pass	PK	5.1812G	107.01	Inf	-Inf	3	Vertical	207	1.28	-
5180MHz	Pass	AV	5.148G	49.14	54.00	-4.86	3	Horizontal	15	1.26	-
5180MHz	Pass	AV	5.1808G	101.97	Inf	-Inf	3	Horizontal	15	1.26	-
5180MHz	Pass	PK	5.1398G	59.04	74.00	-14.96	3	Horizontal	15	1.26	-
5180MHz	Pass	PK	5.1786G	111.72	Inf	-Inf	3	Horizontal	15	1.26	-
5180MHz	Pass	PK	10.36444G	62.55	68.20	-5.65	3	Vertical	195	1.00	-
5180MHz	Pass	PK	10.3591G	61.65	68.20	-6.55	3	Horizontal	0	1.49	-
5200MHz	Pass	AV	5.1496G	45.22	54.00	-8.78	3	Vertical	349	2.03	-
5200MHz	Pass	AV	5.2008G	97.50	Inf	-Inf	3	Vertical	349	2.03	-
5200MHz	Pass	PK	5.1424G	54.53	74.00	-19.47	3	Vertical	349	2.03	-
5200MHz	Pass	PK	5.2004G	106.96	Inf	-Inf	3	Vertical	349	2.03	-
5200MHz	Pass	AV	5.15G	47.63	54.00	-6.37	3	Horizontal	17	1.12	-
5200MHz	Pass	AV	5.1984G	102.17	Inf	-Inf	3	Horizontal	17	1.12	-
5200MHz	Pass	PK	5.142G	57.46	74.00	-16.54	3	Horizontal	17	1.12	-
5200MHz	Pass	PK	5.1984G	111.96	Inf	-Inf	3	Horizontal	17	1.12	-
5200MHz	Pass	PK	10.39946G	62.95	68.20	-5.25	3	Vertical	194	1.00	-
5200MHz	Pass	PK	10.39952G	61.97	68.20	-6.23	3	Horizontal	0	1.50	-
5240MHz	Pass	AV	5.15G	44.68	54.00	-9.32	3	Vertical	338	2.91	-
5240MHz	Pass	AV	5.2412G	96.90	Inf	-Inf	3	Vertical	338	2.91	-
5240MHz	Pass	AV	5.363G	43.97	54.00	-10.03	3	Vertical	338	2.91	-
5240MHz	Pass	PK	5.15G	53.88	74.00	-20.12	3	Vertical	338	2.91	-
5240MHz	Pass	PK	5.2388G	106.04	Inf	-Inf	3	Vertical	338	2.91	-
5240MHz	Pass	PK	5.3594G	52.95	74.00	-21.05	3	Vertical	338	2.91	-
5240MHz	Pass	AV	5.147G	47.30	54.00	-6.70	3	Horizontal	9	1.12	-
5240MHz	Pass	AV	5.2388G	101.69	Inf	-Inf	3	Horizontal	9	1.12	-
5240MHz	Pass	AV	5.3546G	45.47	54.00	-8.53	3	Horizontal	9	1.12	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.15G	57.48	74.00	-16.52	3	Horizontal	9	1.12	-
5240MHz	Pass	PK	5.2364G	111.15	Inf	-Inf	3	Horizontal	9	1.12	-
5240MHz	Pass	PK	5.3684G	54.92	74.00	-19.08	3	Horizontal	9	1.12	-
5240MHz	Pass	PK	10.486G	60.75	68.20	-7.45	3	Vertical	188	1.31	-
5240MHz	Pass	PK	10.48702G	61.19	68.20	-7.01	3	Horizontal	291	1.15	-
5260MHz	Pass	AV	5.15G	43.98	54.00	-10.02	3	Vertical	338	2.87	-
5260MHz	Pass	AV	5.2612G	94.92	Inf	-Inf	3	Vertical	338	2.87	-
5260MHz	Pass	AV	5.3734G	43.95	54.00	-10.05	3	Vertical	338	2.87	-
5260MHz	Pass	PK	5.1262G	54.19	74.00	-19.81	3	Vertical	338	2.87	-
5260MHz	Pass	PK	5.2636G	104.27	Inf	-Inf	3	Vertical	338	2.87	-
5260MHz	Pass	PK	5.3818G	53.17	74.00	-20.83	3	Vertical	338	2.87	-
5260MHz	Pass	AV	5.1496G	45.45	54.00	-8.55	3	Horizontal	10	1.00	-
5260MHz	Pass	AV	5.2618G	100.05	Inf	-Inf	3	Horizontal	10	1.00	-
5260MHz	Pass	AV	5.3674G	44.87	54.00	-9.13	3	Horizontal	10	1.00	-
5260MHz	Pass	PK	5.1484G	54.68	74.00	-19.32	3	Horizontal	10	1.00	-
5260MHz	Pass	PK	5.2618G	109.44	Inf	-Inf	3	Horizontal	10	1.00	-
5260MHz	Pass	PK	5.3692G	54.43	74.00	-19.57	3	Horizontal	10	1.00	-
5260MHz	Pass	PK	10.51562G	62.78	68.20	-5.42	3	Vertical	190	1.43	-
5260MHz	Pass	PK	10.52258G	61.72	68.20	-6.48	3	Horizontal	294	1.22	-
5300MHz	Pass	AV	5.298G	94.36	Inf	-Inf	3	Vertical	333	3.00	-
5300MHz	Pass	AV	5.3556G	44.56	54.00	-9.44	3	Vertical	333	3.00	-
5300MHz	Pass	PK	5.2952G	104.46	Inf	-Inf	3	Vertical	333	3.00	-
5300MHz	Pass	PK	5.3596G	54.06	74.00	-19.94	3	Vertical	333	3.00	-
5300MHz	Pass	AV	5.2992G	98.77	Inf	-Inf	3	Horizontal	11	1.34	-
5300MHz	Pass	AV	5.3924G	46.60	54.00	-7.40	3	Horizontal	11	1.34	-
5300MHz	Pass	PK	5.2992G	107.73	Inf	-Inf	3	Horizontal	11	1.34	-
5300MHz	Pass	PK	5.3532G	56.23	74.00	-17.77	3	Horizontal	11	1.34	-
5300MHz	Pass	AV	10.6021G	52.25	54.00	-1.75	3	Vertical	195	1.00	-
5300MHz	Pass	PK	10.60402G	61.07	74.00	-12.93	3	Vertical	195	1.00	-
5300MHz	Pass	AV	10.60144G	53.06	54.00	-0.94	3	Horizontal	307	1.18	-
5300MHz	Pass	PK	10.60612G	62.70	74.00	-11.30	3	Horizontal	307	1.18	-
5320MHz	Pass	AV	5.3182G	93.39	Inf	-Inf	3	Vertical	148	1.02	-
5320MHz	Pass	AV	5.3526G	44.71	54.00	-9.29	3	Vertical	148	1.02	-
5320MHz	Pass	PK	5.323G	103.72	Inf	-Inf	3	Vertical	148	1.02	-
5320MHz	Pass	PK	5.355G	54.53	74.00	-19.47	3	Vertical	148	1.02	-
5320MHz	Pass	AV	5.3194G	98.53	Inf	-Inf	3	Horizontal	13	1.09	-
5320MHz	Pass	AV	5.356G	47.24	54.00	-6.76	3	Horizontal	13	1.09	-
5320MHz	Pass	PK	5.3192G	108.40	Inf	-Inf	3	Horizontal	13	1.09	-
5320MHz	Pass	PK	5.352G	56.88	74.00	-17.12	3	Horizontal	13	1.09	-
5320MHz	Pass	AV	10.63766G	50.48	54.00	-3.52	3	Vertical	194	1.50	-
5320MHz	Pass	PK	10.63994G	58.87	74.00	-15.13	3	Vertical	194	1.50	-
5320MHz	Pass	AV	10.63922G	52.10	54.00	-1.90	3	Horizontal	323	1.20	-
5320MHz	Pass	PK	10.63916G	61.21	74.00	-12.79	3	Horizontal	323	1.20	-
5500MHz	Pass	AV	5.4544G	45.38	54.00	-8.62	3	Vertical	326	1.36	-
5500MHz	Pass	AV	5.5006G	97.16	Inf	-Inf	3	Vertical	326	1.36	-
5500MHz	Pass	PK	5.4694G	55.20	68.20	-13.00	3	Vertical	326	1.36	-
5500MHz	Pass	PK	5.5004G	107.00	Inf	-Inf	3	Vertical	326	1.36	-
5500MHz	Pass	AV	5.459G	48.19	54.00	-5.81	3	Horizontal	16	1.03	-
5500MHz	Pass	AV	5.501G	100.81	Inf	-Inf	3	Horizontal	16	1.03	-
5500MHz	Pass	PK	5.4682G	58.52	68.20	-9.68	3	Horizontal	16	1.03	-
5500MHz	Pass	PK	5.4986G	110.63	Inf	-Inf	3	Horizontal	16	1.03	-
5500MHz	Pass	AV	10.99964G	50.22	54.00	-3.78	3	Vertical	155	1.12	-
5500MHz	Pass	PK	11.00018G	60.98	74.00	-13.02	3	Vertical	155	1.12	-
5500MHz	Pass	AV	11.00018G	50.69	54.00	-3.31	3	Horizontal	316	1.27	-
5500MHz	Pass	PK	11.00042G	61.69	74.00	-12.31	3	Horizontal	316	1.27	-
5580MHz	Pass	AV	5.4534G	44.14	54.00	-9.86	3	Vertical	277	1.31	-
5580MHz	Pass	AV	5.5776G	98.30	Inf	-Inf	3	Vertical	277	1.31	-
5580MHz	Pass	PK	5.4672G	53.25	68.20	-14.95	3	Vertical	277	1.31	-
5580MHz	Pass	PK	5.5848G	108.07	Inf	-Inf	3	Vertical	277	1.31	-
5580MHz	Pass	PK	5.7264G	52.85	68.20	-15.35	3	Vertical	277	1.31	-
5580MHz	Pass	AV	5.46G	44.07	54.00	-9.93	3	Horizontal	40	1.38	-
5580MHz	Pass	AV	5.5806G	99.81	Inf	-Inf	3	Horizontal	40	1.38	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.4678G	54.14	68.20	-14.06	3	Horizontal	40	1.38	-
5580MHz	Pass	PK	5.5782G	109.66	Inf	-Inf	3	Horizontal	40	1.38	-
5580MHz	Pass	PK	5.7294G	53.93	68.20	-14.27	3	Horizontal	40	1.38	-
5580MHz	Pass	AV	11.16114G	47.85	54.00	-6.15	3	Vertical	187	1.69	-
5580MHz	Pass	PK	11.15412G	57.32	74.00	-16.68	3	Vertical	187	1.69	-
5580MHz	Pass	AV	11.16186G	48.95	54.00	-5.05	3	Horizontal	304	1.08	-
5580MHz	Pass	PK	11.16834G	57.59	74.00	-16.41	3	Horizontal	304	1.08	-
5700MHz	Pass	AV	5.6988G	97.73	Inf	-Inf	3	Vertical	322	1.20	-
5700MHz	Pass	PK	5.7012G	107.45	Inf	-Inf	3	Vertical	322	1.20	-
5700MHz	Pass	PK	5.7388G	55.72	68.20	-12.48	3	Vertical	322	1.20	-
5700MHz	Pass	AV	5.7008G	100.39	Inf	-Inf	3	Horizontal	24	1.01	-
5700MHz	Pass	PK	5.7008G	111.29	Inf	-Inf	3	Horizontal	24	1.01	-
5700MHz	Pass	PK	5.7256G	59.32	68.20	-8.88	3	Horizontal	24	1.01	-
5700MHz	Pass	AV	11.39634G	49.09	54.00	-4.91	3	Vertical	174	1.53	-
5700MHz	Pass	PK	11.40372G	58.25	74.00	-15.75	3	Vertical	174	1.53	-
5700MHz	Pass	AV	11.39892G	47.21	54.00	-6.79	3	Horizontal	286	2.03	-
5700MHz	Pass	PK	11.4012G	57.62	74.00	-16.38	3	Horizontal	286	2.03	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.719G	97.81	Inf	-Inf	3	Vertical	0	2.51	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.722G	108.30	Inf	-Inf	3	Vertical	0	2.51	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.865G	54.01	68.20	-14.19	3	Vertical	0	2.51	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.719G	101.03	Inf	-Inf	3	Horizontal	20	1.09	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.716G	109.84	Inf	-Inf	3	Horizontal	20	1.09	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.885G	54.09	68.20	-14.11	3	Horizontal	20	1.09	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43688G	47.86	54.00	-6.14	3	Vertical	172	1.46	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44432G	58.11	74.00	-15.89	3	Vertical	172	1.46	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43964G	47.43	54.00	-6.57	3	Horizontal	326	1.38	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43946G	57.32	74.00	-16.68	3	Horizontal	326	1.38	-
5745MHz	Pass	AV	5.7426G	95.43	Inf	-Inf	3	Vertical	325	1.29	-
5745MHz	Pass	PK	5.5158G	53.97	68.20	-14.23	3	Vertical	325	1.29	-
5745MHz	Pass	PK	5.7426G	104.84	Inf	-Inf	3	Vertical	325	1.29	-
5745MHz	Pass	PK	5.9646G	54.60	68.20	-13.60	3	Vertical	325	1.29	-
5745MHz	Pass	AV	5.7462G	99.39	Inf	-Inf	3	Horizontal	15	1.08	-
5745MHz	Pass	PK	5.5974G	54.01	68.20	-14.19	3	Horizontal	15	1.08	-
5745MHz	Pass	PK	5.7462G	108.14	Inf	-Inf	3	Horizontal	15	1.08	-
5745MHz	Pass	PK	5.9406G	54.55	68.20	-13.65	3	Horizontal	15	1.08	-
5745MHz	Pass	AV	11.4918G	46.67	54.00	-7.33	3	Vertical	173	1.36	-
5745MHz	Pass	PK	11.48922G	56.33	74.00	-17.67	3	Vertical	173	1.36	-
5745MHz	Pass	AV	11.4948G	45.76	54.00	-8.24	3	Horizontal	328	1.50	-
5745MHz	Pass	PK	11.49264G	55.21	74.00	-18.79	3	Horizontal	328	1.50	-
5785MHz	Pass	AV	5.7826G	94.97	Inf	-Inf	3	Vertical	324	1.43	-
5785MHz	Pass	PK	5.635G	53.41	68.20	-14.79	3	Vertical	324	1.43	-
5785MHz	Pass	PK	5.7874G	104.43	Inf	-Inf	3	Vertical	324	1.43	-
5785MHz	Pass	PK	6.0526G	54.66	68.20	-13.54	3	Vertical	324	1.43	-
5785MHz	Pass	AV	5.7838G	99.06	Inf	-Inf	3	Horizontal	16	1.01	-
5785MHz	Pass	PK	5.5294G	53.59	68.20	-14.61	3	Horizontal	16	1.01	-
5785MHz	Pass	PK	5.7838G	107.78	Inf	-Inf	3	Horizontal	16	1.01	-
5785MHz	Pass	PK	6.0466G	54.30	68.20	-13.90	3	Horizontal	16	1.01	-
5785MHz	Pass	AV	11.5694G	46.31	54.00	-7.69	3	Vertical	160	1.76	-
5785MHz	Pass	PK	11.56952G	55.78	74.00	-18.22	3	Vertical	160	1.76	-
5785MHz	Pass	AV	11.558G	45.67	54.00	-8.33	3	Horizontal	329	1.04	-
5785MHz	Pass	PK	11.5826G	55.82	74.00	-18.18	3	Horizontal	329	1.04	-
5825MHz	Pass	AV	5.8238G	98.12	Inf	-Inf	3	Vertical	276	1.02	-
5825MHz	Pass	PK	5.5646G	54.24	68.20	-13.96	3	Vertical	276	1.02	-
5825MHz	Pass	PK	5.8214G	107.13	Inf	-Inf	3	Vertical	276	1.02	-
5825MHz	Pass	PK	5.9474G	54.45	68.20	-13.75	3	Vertical	276	1.02	-
5825MHz	Pass	AV	5.8226G	100.49	Inf	-Inf	3	Horizontal	18	1.03	-
5825MHz	Pass	PK	5.633G	53.50	68.20	-14.70	3	Horizontal	18	1.03	-
5825MHz	Pass	PK	5.8226G	109.92	Inf	-Inf	3	Horizontal	18	1.03	-
5825MHz	Pass	PK	5.9522G	54.95	68.20	-13.25	3	Horizontal	18	1.03	-
5825MHz	Pass	AV	11.64898G	46.51	54.00	-7.49	3	Vertical	161	1.49	-
5825MHz	Pass	PK	11.6404G	55.98	74.00	-18.02	3	Vertical	161	1.49	-
5825MHz	Pass	AV	11.65654G	45.55	54.00	-8.45	3	Horizontal	338	2.79	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	11.64916G	55.75	74.00	-18.25	3	Horizontal	338	2.79	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1476G	46.93	54.00	-7.07	3	Vertical	207	1.06	-
5190MHz	Pass	AV	5.1884G	95.81	Inf	-Inf	3	Vertical	207	1.06	-
5190MHz	Pass	PK	5.146G	56.36	74.00	-17.64	3	Vertical	207	1.06	-
5190MHz	Pass	PK	5.1912G	105.90	Inf	-Inf	3	Vertical	207	1.06	-
5190MHz	Pass	AV	5.1484G	50.93	54.00	-3.07	3	Horizontal	22	1.25	-
5190MHz	Pass	AV	5.1916G	100.68	Inf	-Inf	3	Horizontal	22	1.25	-
5190MHz	Pass	PK	5.1476G	59.09	74.00	-14.91	3	Horizontal	22	1.25	-
5190MHz	Pass	PK	5.1892G	111.24	Inf	-Inf	3	Horizontal	22	1.25	-
5190MHz	Pass	PK	10.3876G	58.07	68.20	-10.13	3	Vertical	320	1.97	-
5190MHz	Pass	PK	10.38474G	59.61	68.20	-8.59	3	Horizontal	4	1.49	-
5230MHz	Pass	AV	5.1488G	44.80	54.00	-9.20	3	Vertical	149	1.26	-
5230MHz	Pass	AV	5.2308G	95.07	Inf	-Inf	3	Vertical	149	1.26	-
5230MHz	Pass	PK	5.1444G	53.68	74.00	-20.32	3	Vertical	149	1.26	-
5230MHz	Pass	PK	5.2304G	105.39	Inf	-Inf	3	Vertical	149	1.26	-
5230MHz	Pass	AV	5.1468G	47.20	54.00	-6.80	3	Horizontal	9	1.38	-
5230MHz	Pass	AV	5.2316G	99.73	Inf	-Inf	3	Horizontal	9	1.38	-
5230MHz	Pass	PK	5.1492G	57.06	74.00	-16.94	3	Horizontal	9	1.38	-
5230MHz	Pass	PK	5.2364G	109.30	Inf	-Inf	3	Horizontal	9	1.38	-
5230MHz	Pass	PK	10.4586G	60.01	68.20	-8.19	3	Vertical	190	1.50	-
5230MHz	Pass	PK	10.4649G	62.66	68.20	-5.54	3	Horizontal	296	1.21	-
5270MHz	Pass	AV	5.2672G	95.52	Inf	-Inf	3	Vertical	338	2.89	-
5270MHz	Pass	AV	5.3544G	44.44	54.00	-9.56	3	Vertical	338	2.89	-
5270MHz	Pass	PK	5.2724G	104.63	Inf	-Inf	3	Vertical	338	2.89	-
5270MHz	Pass	PK	5.3524G	55.04	74.00	-18.96	3	Vertical	338	2.89	-
5270MHz	Pass	AV	5.2684G	101.01	Inf	-Inf	3	Horizontal	18	1.17	-
5270MHz	Pass	AV	5.3508G	46.71	54.00	-7.29	3	Horizontal	18	1.17	-
5270MHz	Pass	PK	5.2708G	109.78	Inf	-Inf	3	Horizontal	18	1.17	-
5270MHz	Pass	PK	5.3524G	55.72	74.00	-18.28	3	Horizontal	18	1.17	-
5270MHz	Pass	PK	10.5337G	60.49	68.20	-7.71	3	Vertical	173	1.50	-
5270MHz	Pass	PK	10.549G	63.65	68.20	-4.55	3	Horizontal	306	1.12	-
5310MHz	Pass	AV	5.3092G	93.78	Inf	-Inf	3	Vertical	151	1.50	-
5310MHz	Pass	AV	5.352G	45.95	54.00	-8.05	3	Vertical	151	1.50	-
5310MHz	Pass	PK	5.3072G	103.99	Inf	-Inf	3	Vertical	151	1.50	-
5310MHz	Pass	PK	5.3604G	54.98	74.00	-19.02	3	Vertical	151	1.50	-
5310MHz	Pass	AV	5.3088G	99.14	Inf	-Inf	3	Horizontal	19	1.13	-
5310MHz	Pass	AV	5.3524G	49.57	54.00	-4.43	3	Horizontal	19	1.13	-
5310MHz	Pass	PK	5.3088G	108.64	Inf	-Inf	3	Horizontal	19	1.13	-
5310MHz	Pass	PK	5.3524G	59.44	74.00	-14.56	3	Horizontal	19	1.13	-
5310MHz	Pass	AV	10.6211G	51.91	54.00	-2.09	3	Vertical	193	1.49	-
5310MHz	Pass	PK	10.6275G	62.26	74.00	-11.74	3	Vertical	193	1.49	-
5310MHz	Pass	AV	10.6211G	53.84	54.00	-0.16	3	Horizontal	318	1.19	-
5310MHz	Pass	PK	10.6259G	62.31	74.00	-11.69	3	Horizontal	318	1.19	-
5510MHz	Pass	AV	5.4584G	45.07	54.00	-8.93	3	Vertical	326	1.32	-
5510MHz	Pass	AV	5.5092G	94.50	Inf	-Inf	3	Vertical	326	1.32	-
5510MHz	Pass	PK	5.4684G	55.33	68.20	-12.87	3	Vertical	326	1.32	-
5510MHz	Pass	PK	5.5096G	104.30	Inf	-Inf	3	Vertical	326	1.32	-
5510MHz	Pass	AV	5.4536G	47.53	54.00	-6.47	3	Horizontal	36	1.04	-
5510MHz	Pass	AV	5.5116G	97.35	Inf	-Inf	3	Horizontal	36	1.04	-
5510MHz	Pass	PK	5.468G	58.32	68.20	-9.88	3	Horizontal	36	1.04	-
5510MHz	Pass	PK	5.5088G	107.36	Inf	-Inf	3	Horizontal	36	1.04	-
5510MHz	Pass	AV	11.0211G	49.40	54.00	-4.60	3	Vertical	352	2.44	-
5510MHz	Pass	PK	11.0306G	58.87	74.00	-15.13	3	Vertical	352	2.44	-
5510MHz	Pass	AV	11.0275G	50.35	54.00	-3.65	3	Horizontal	304	1.14	-
5510MHz	Pass	PK	11.0206G	59.51	74.00	-14.49	3	Horizontal	304	1.14	-
5550MHz	Pass	AV	5.4588G	44.61	54.00	-9.39	3	Vertical	149	1.01	-
5550MHz	Pass	AV	5.5516G	93.81	Inf	-Inf	3	Vertical	149	1.01	-
5550MHz	Pass	PK	5.4664G	53.58	68.20	-14.62	3	Vertical	149	1.01	-
5550MHz	Pass	PK	5.5468G	103.47	Inf	-Inf	3	Vertical	149	1.01	-
5550MHz	Pass	AV	5.452G	44.97	54.00	-9.03	3	Horizontal	18	1.00	-
5550MHz	Pass	AV	5.5512G	98.42	Inf	-Inf	3	Horizontal	18	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	PK	5.466G	54.87	68.20	-13.33	3	Horizontal	18	1.00	-
5550MHz	Pass	PK	5.5488G	107.34	Inf	-Inf	3	Horizontal	18	1.00	-
5550MHz	Pass	AV	11.1014G	46.94	54.00	-7.06	3	Vertical	188	1.71	-
5550MHz	Pass	PK	11.1039G	56.55	74.00	-17.45	3	Vertical	188	1.71	-
5550MHz	Pass	AV	11.094G	47.29	54.00	-6.71	3	Horizontal	327	1.01	-
5550MHz	Pass	PK	11.094G	56.74	74.00	-17.26	3	Horizontal	327	1.01	-
5670MHz	Pass	AV	5.6718G	95.03	Inf	-Inf	3	Vertical	325	1.31	-
5670MHz	Pass	PK	5.667G	104.52	Inf	-Inf	3	Vertical	325	1.31	-
5670MHz	Pass	PK	5.7258G	55.44	68.20	-12.76	3	Vertical	325	1.31	-
5670MHz	Pass	AV	5.6724G	98.48	Inf	-Inf	3	Horizontal	20	1.15	-
5670MHz	Pass	PK	5.673G	107.56	Inf	-Inf	3	Horizontal	20	1.15	-
5670MHz	Pass	PK	5.7252G	58.57	68.20	-9.63	3	Horizontal	20	1.15	-
5670MHz	Pass	AV	11.3414G	47.34	54.00	-6.66	3	Vertical	173	1.48	-
5670MHz	Pass	PK	11.3481G	57.05	74.00	-16.95	3	Vertical	173	1.48	-
5670MHz	Pass	AV	11.3398G	46.33	54.00	-7.67	3	Horizontal	14	1.42	-
5670MHz	Pass	PK	11.3385G	56.33	74.00	-17.67	3	Horizontal	14	1.42	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.708G	95.57	Inf	-Inf	3	Vertical	324	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.469G	52.55	68.20	-15.65	3	Vertical	324	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.708G	103.75	Inf	-Inf	3	Vertical	324	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.957G	53.89	68.20	-14.31	3	Vertical	324	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.711G	97.48	Inf	-Inf	3	Horizontal	360	1.41	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	52.60	68.20	-15.60	3	Horizontal	360	1.41	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.709G	107.18	Inf	-Inf	3	Horizontal	360	1.41	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.951G	54.28	68.20	-13.92	3	Horizontal	360	1.41	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4188G	48.02	54.00	-5.98	3	Vertical	172	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4271G	56.79	74.00	-17.21	3	Vertical	172	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4162G	46.04	54.00	-7.96	3	Horizontal	0	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4182G	55.19	74.00	-18.81	3	Horizontal	0	1.50	-
5755MHz	Pass	AV	5.7562G	96.19	Inf	-Inf	3	Vertical	325	1.24	-
5755MHz	Pass	PK	5.6002G	53.50	68.20	-14.70	3	Vertical	325	1.24	-
5755MHz	Pass	PK	5.7538G	105.36	Inf	-Inf	3	Vertical	325	1.24	-
5755MHz	Pass	PK	6.037G	54.85	68.20	-13.35	3	Vertical	325	1.24	-
5755MHz	Pass	AV	5.7598G	98.09	Inf	-Inf	3	Horizontal	15	1.36	-
5755MHz	Pass	PK	5.6422G	54.37	68.20	-13.83	3	Horizontal	15	1.36	-
5755MHz	Pass	PK	5.7514G	106.84	Inf	-Inf	3	Horizontal	15	1.36	-
5755MHz	Pass	PK	5.959G	54.29	68.20	-13.91	3	Horizontal	15	1.36	-
5755MHz	Pass	AV	11.4989G	46.42	54.00	-7.58	3	Vertical	179	1.90	-
5755MHz	Pass	PK	11.5013G	55.63	74.00	-18.37	3	Vertical	179	1.90	-
5755MHz	Pass	AV	11.5114G	46.21	54.00	-7.79	3	Horizontal	304	1.94	-
5755MHz	Pass	PK	11.4905G	54.87	74.00	-19.13	3	Horizontal	304	1.94	-
5795MHz	Pass	AV	5.7962G	94.94	Inf	-Inf	3	Vertical	204	1.43	-
5795MHz	Pass	PK	5.5706G	53.42	68.20	-14.78	3	Vertical	204	1.43	-
5795MHz	Pass	PK	5.7986G	102.98	Inf	-Inf	3	Vertical	204	1.43	-
5795MHz	Pass	PK	6.029G	54.11	68.20	-14.09	3	Vertical	204	1.43	-
5795MHz	Pass	AV	5.7938G	99.72	Inf	-Inf	3	Horizontal	17	1.00	-
5795MHz	Pass	PK	5.645G	54.11	68.20	-14.09	3	Horizontal	17	1.00	-
5795MHz	Pass	PK	5.7986G	108.21	Inf	-Inf	3	Horizontal	17	1.00	-
5795MHz	Pass	PK	5.9498G	54.58	68.20	-13.62	3	Horizontal	17	1.00	-
5795MHz	Pass	AV	11.5658G	45.62	54.00	-8.38	3	Vertical	163	1.50	-
5795MHz	Pass	PK	11.5942G	54.85	74.00	-19.15	3	Vertical	163	1.50	-
5795MHz	Pass	AV	11.5935G	45.51	54.00	-8.49	3	Horizontal	118	1.74	-
5795MHz	Pass	PK	11.5717G	55.03	74.00	-18.97	3	Horizontal	118	1.74	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	45.78	54.00	-8.22	3	Vertical	349	2.32	-
5210MHz	Pass	AV	5.206G	92.19	Inf	-Inf	3	Vertical	349	2.32	-
5210MHz	Pass	AV	5.44G	43.68	54.00	-10.32	3	Vertical	349	2.32	-
5210MHz	Pass	PK	5.15G	54.65	74.00	-19.35	3	Vertical	349	2.32	-
5210MHz	Pass	PK	5.209G	101.03	Inf	-Inf	3	Vertical	349	2.32	-
5210MHz	Pass	PK	5.424G	52.71	74.00	-21.29	3	Vertical	349	2.32	-
5210MHz	Pass	AV	5.149G	51.21	54.00	-2.79	3	Horizontal	22	1.06	-
5210MHz	Pass	AV	5.209G	98.06	Inf	-Inf	3	Horizontal	22	1.06	-
5210MHz	Pass	AV	5.36G	44.19	54.00	-9.81	3	Horizontal	22	1.06	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.149G	59.74	74.00	-14.26	3	Horizontal	22	1.06	-
5210MHz	Pass	PK	5.209G	108.21	Inf	-Inf	3	Horizontal	22	1.06	-
5210MHz	Pass	PK	5.41G	53.31	74.00	-20.69	3	Horizontal	22	1.06	-
5210MHz	Pass	PK	10.4332G	59.26	68.20	-8.94	3	Vertical	190	1.50	-
5210MHz	Pass	PK	10.4347G	58.21	68.20	-9.99	3	Horizontal	4	1.46	-
5290MHz	Pass	AV	5.131G	44.03	54.00	-9.97	3	Vertical	7	1.50	-
5290MHz	Pass	AV	5.289G	91.42	Inf	-Inf	3	Vertical	7	1.50	-
5290MHz	Pass	AV	5.363G	48.77	54.00	-5.23	3	Vertical	7	1.50	-
5290MHz	Pass	PK	5.085G	53.54	74.00	-20.46	3	Vertical	7	1.50	-
5290MHz	Pass	PK	5.289G	99.21	Inf	-Inf	3	Vertical	7	1.50	-
5290MHz	Pass	PK	5.521G	53.24	68.20	-14.96	3	Vertical	7	1.50	-
5290MHz	Pass	AV	5.15G	46.41	54.00	-7.59	3	Horizontal	23	1.00	-
5290MHz	Pass	AV	5.288G	97.66	Inf	-Inf	3	Horizontal	23	1.00	-
5290MHz	Pass	AV	5.35G	53.29	54.00	-0.71	3	Horizontal	23	1.00	-
5290MHz	Pass	PK	5.15G	56.00	74.00	-18.00	3	Horizontal	23	1.00	-
5290MHz	Pass	PK	5.303G	106.51	Inf	-Inf	3	Horizontal	23	1.00	-
5290MHz	Pass	PK	5.351G	62.30	74.00	-11.70	3	Horizontal	23	1.00	-
5290MHz	Pass	PK	10.56698G	60.00	68.20	-8.20	3	Vertical	196	1.00	-
5290MHz	Pass	PK	10.59148G	60.35	68.20	-7.85	3	Horizontal	308	1.15	-
5530MHz	Pass	AV	5.456G	46.36	54.00	-7.64	3	Vertical	325	1.50	-
5530MHz	Pass	AV	5.535G	91.30	Inf	-Inf	3	Vertical	325	1.50	-
5530MHz	Pass	PK	5.468G	61.59	68.20	-6.61	3	Vertical	325	1.50	-
5530MHz	Pass	PK	5.529G	100.50	Inf	-Inf	3	Vertical	325	1.50	-
5530MHz	Pass	PK	5.772G	52.90	68.20	-15.30	3	Vertical	325	1.50	-
5530MHz	Pass	AV	5.459G	49.20	54.00	-4.80	3	Horizontal	17	1.00	-
5530MHz	Pass	AV	5.535G	96.25	Inf	-Inf	3	Horizontal	17	1.00	-
5530MHz	Pass	PK	5.468G	63.55	68.20	-4.65	3	Horizontal	17	1.00	-
5530MHz	Pass	PK	5.535G	105.92	Inf	-Inf	3	Horizontal	17	1.00	-
5530MHz	Pass	PK	5.726G	55.02	68.20	-13.18	3	Horizontal	17	1.00	-
5530MHz	Pass	AV	11.06238G	47.90	54.00	-6.10	3	Vertical	157	1.17	-
5530MHz	Pass	PK	11.04558G	57.02	74.00	-16.98	3	Vertical	157	1.17	-
5530MHz	Pass	AV	11.07876G	46.08	54.00	-7.92	3	Horizontal	313	1.50	-
5530MHz	Pass	PK	11.03396G	56.85	74.00	-17.15	3	Horizontal	313	1.50	-
5610MHz	Pass	AV	5.411G	43.51	54.00	-10.49	3	Vertical	276	1.26	-
5610MHz	Pass	AV	5.615G	92.31	Inf	-Inf	3	Vertical	276	1.26	-
5610MHz	Pass	PK	5.47G	53.30	68.20	-14.90	3	Vertical	276	1.26	-
5610MHz	Pass	PK	5.617G	102.05	Inf	-Inf	3	Vertical	276	1.26	-
5610MHz	Pass	PK	5.759G	55.43	68.20	-12.77	3	Vertical	276	1.26	-
5610MHz	Pass	AV	5.456G	43.83	54.00	-10.17	3	Horizontal	18	1.00	-
5610MHz	Pass	AV	5.611G	95.68	Inf	-Inf	3	Horizontal	18	1.00	-
5610MHz	Pass	PK	5.462G	53.24	68.20	-14.96	3	Horizontal	18	1.00	-
5610MHz	Pass	PK	5.599G	104.85	Inf	-Inf	3	Horizontal	18	1.00	-
5610MHz	Pass	PK	5.754G	55.75	68.20	-12.45	3	Horizontal	18	1.00	-
5610MHz	Pass	AV	11.19186G	45.71	54.00	-8.29	3	Vertical	263	1.50	-
5610MHz	Pass	PK	11.25472G	55.29	74.00	-18.71	3	Vertical	263	1.50	-
5610MHz	Pass	AV	11.1913G	45.62	54.00	-8.38	3	Horizontal	133	1.50	-
5610MHz	Pass	PK	11.24856G	55.50	74.00	-18.50	3	Horizontal	133	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.455G	43.15	54.00	-10.85	3	Vertical	148	1.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.68G	91.66	Inf	-Inf	3	Vertical	148	1.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.467G	52.40	68.20	-15.80	3	Vertical	148	1.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.687G	101.73	Inf	-Inf	3	Vertical	148	1.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.872G	53.43	68.20	-14.77	3	Vertical	148	1.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.459G	43.25	54.00	-10.75	3	Horizontal	20	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.689G	96.12	Inf	-Inf	3	Horizontal	20	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.465G	52.17	68.20	-16.03	3	Horizontal	20	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.699G	104.96	Inf	-Inf	3	Horizontal	20	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.875G	53.69	68.20	-14.51	3	Horizontal	20	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.40758G	46.32	54.00	-7.68	3	Vertical	173	1.24	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39568G	55.70	74.00	-18.30	3	Vertical	173	1.24	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38854G	47.03	54.00	-6.97	3	Horizontal	326	1.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.40156G	56.11	74.00	-17.89	3	Horizontal	326	1.17	-
5775MHz	Pass	AV	5.7762G	91.94	Inf	-Inf	3	Vertical	324	1.35	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	5.5506G	53.91	68.20	-14.29	3	Vertical	324	1.35	-
5775MHz	Pass	PK	5.7738G	101.14	Inf	-Inf	3	Vertical	324	1.35	-
5775MHz	Pass	PK	6.0354G	54.47	68.20	-13.73	3	Vertical	324	1.35	-
5775MHz	Pass	AV	5.7726G	95.45	Inf	-Inf	3	Horizontal	15	1.04	-
5775MHz	Pass	PK	5.5722G	54.03	68.20	-14.17	3	Horizontal	15	1.04	-
5775MHz	Pass	PK	5.7702G	105.05	Inf	-Inf	3	Horizontal	15	1.04	-
5775MHz	Pass	PK	6.051G	54.36	68.20	-13.84	3	Horizontal	15	1.04	-
5775MHz	Pass	AV	11.53054G	45.58	54.00	-8.42	3	Vertical	169	1.50	-
5775MHz	Pass	PK	11.52606G	55.13	74.00	-18.87	3	Vertical	169	1.50	-
5775MHz	Pass	AV	11.55728G	45.86	54.00	-8.14	3	Horizontal	328	1.19	-
5775MHz	Pass	PK	11.51836G	54.98	74.00	-19.02	3	Horizontal	328	1.19	-