FCC Radio Test Report

FCC ID	:	**NDD9576892205**
Equipment	:	**Access Point**
Brand Name	:	**EDIMAX**
Model Name	:	**EW-7689WTX**
Applicant	:	**Edimax Technology Co., Ltd. No.278, Xinhu 1st Rd., Neihu Dist, Taipei City, Taiwan**
Manufacturer	:	**Edimax Technology Co., Ltd. No.278, Xinhu 1st Rd., Neihu Dist, Taipei City, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jun. 13, 2022, and testing was started from Jul. 01, 2022 and completed on Feb. 15, 2023. 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
FR260306AN	01	Initial issue of report	Feb. 16, 2023
FR260306AN	02	Revised typo (This report is the latest version replacing for the report issued on Feb. 16, 2023.)	Mar. 14, 2023

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	-
Note 1: From Sporton Project No.FR260726AN.				

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax(HEW20)	5180-5240	36-48 [4]
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(HEW40)	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(HEW80)	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]
5150-5350	ax(HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

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

Band	Mode	BWch (MHz)	Nant
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
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
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW160-BF	160	2TX
5.25-5.35GHz	802.11ax HEW160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160-BF	160	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, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	Grand-Tek	2G-1	PIFA	I-Pex	2.4G
2	Grand-Tek	2G-2	PIFA	I-Pex	2.4G
3	Grand-Tek	5G-1	PIFA	I-Pex	5G
4	Grand-Tek	5G-2	PIFA	I-Pex	5G
5	Grand-Tek	6G-1	PIFA	I-Pex	6G
6	Grand-Tek	6G-2	PIFA	I-Pex	6G

Ant.	Port	Gain (dBi)		
		2.4G	5G	6G
1	1	4.2	-	-
2	2	3.8	-	-
3	1	-	5.5	-
4	2	-	4.8	-
5	1	-	-	5.5
6	2	-	-	5.4

Note 1: The EUT has six antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For 6GHz function:

For IEEE 802.11 ax mode (2TX/2RX)

Ant. 5 (port 1) and Ant. 6 (port 2) could transmit/receive simultaneously.

Note 2: Directional gain informaion

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directional Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$Directional Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$Directional Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
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

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

SKU	DDR	Description
1	Brand: SK hynix Model: H5TC4G83EFR	All the SKU are identical, only the DDR is different.
2	Brand: winbond Model: W634GU8QB	

From the above SKU, The worst case of EMI was evaluated, SKU 2 was selected as representative SKU for the test and its data was recorded in this report.

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 **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Edward Wang	24.2~25.3°C / 58~63%	22/Jul/2022
RF Conducted (Non-Beamforming)	TH07-HY	Yuna Lin	20.1~26.9°C / 50~60%	08/Jul/2022~21/Jul/2022
RF Conducted (Beamforming)	TH07-HY	Yuna Lin	22.9~25.6°C / 50~58%	18/Aug/2022
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Daniel Hsu	24.3~26.1°C / 44~47%	01/Jul/2022~21/Jul/2022
Radiated (Co-location)	03CH09-HY	Daniel Hsu	24.5~26.2°C / 49~61%	15/Feb/2023

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	QDART-Connectivity1.0-00089

Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22.5
5200MHz	21.5
5240MHz	23
5260MHz	17
5300MHz	18
5320MHz	17.5
5500MHz	17
5580MHz	17
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
5745MHz	23
5785MHz	24
5825MHz	24
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	21.5
5240MHz	23.5
5260MHz	17.5
5300MHz	18.5
5320MHz	18.5
5500MHz	17
5580MHz	17.5
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
5745MHz	24
5785MHz	24

Mode	Power Setting
5825MHz	24
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	23.5
5270MHz	20
5310MHz	21
5510MHz	20
5550MHz	20.5
5670MHz	20.5
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
5755MHz	24
5795MHz	24
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	21
5290MHz	21
5530MHz	21.5
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	22.5
5690MHz Straddle 5.725-5.85GHz	22.5
5775MHz	24
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	21
5250MHz Straddle 5.25-5.35GHz	21
5570MHz	20.5

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	21.5
5240MHz	23.5
5260MHz	17.5
5300MHz	18.5
5320MHz	18.5
5500MHz	17

Mode	Power Setting
5580MHz	17.5
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	23.5
5270MHz	18
5310MHz	18
5510MHz	18
5550MHz	18
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
5755MHz	24
5795MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	21
5290MHz	21
5530MHz	21.5
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19
5775MHz	24
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	21
5250MHz Straddle 5.25-5.35GHz	21
5570MHz	20.5

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	PoE 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	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz
Refer to Sporton Test Report No.: FA260306 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Wall Mount* 2	Brand Name	-	Model Name	-

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

2.4 Support Equipment

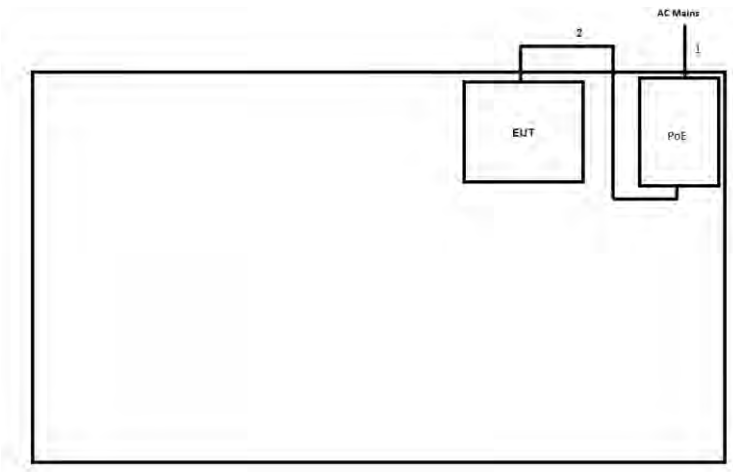
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	PoE	LINKSYS	PI021A	-	Provided by Customer
3	AC Power Cable	Power Sync	TPCMRN0018	-	-

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

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 cable	Power Sync	CAT-6E-10	-	-
2	PoE (Remote)	LINKSYS	PI021A	-	Provided by Customer
3	AC Power Cable (Remote)	Power sync	TPCMRN0018	-	-

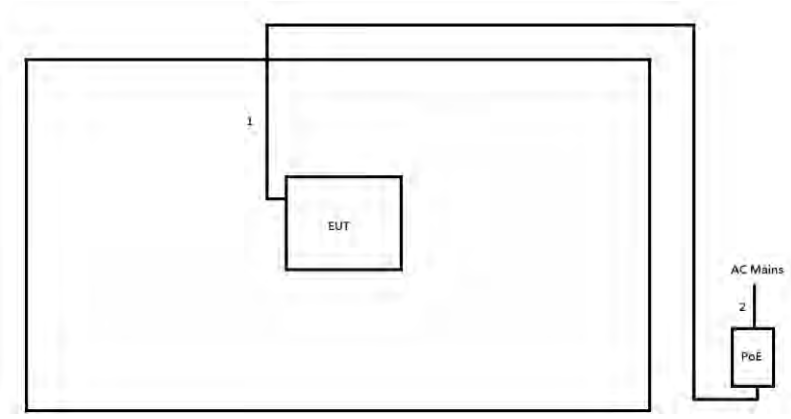
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	RJ45 cable	No	10.0	-
2	AC Power cable	No	1.8	-

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

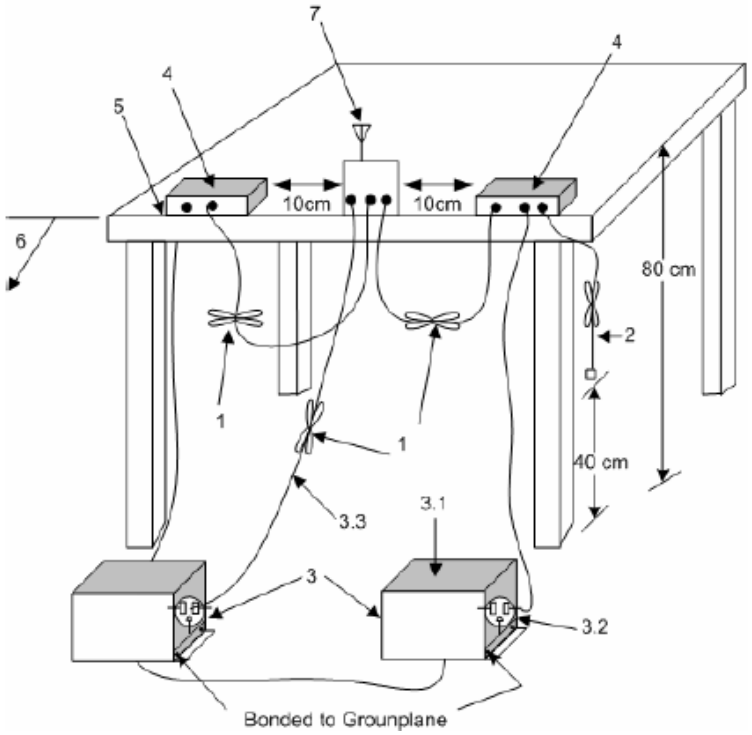
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

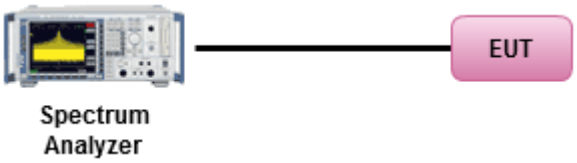
3.2.2 Measuring Instruments

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.

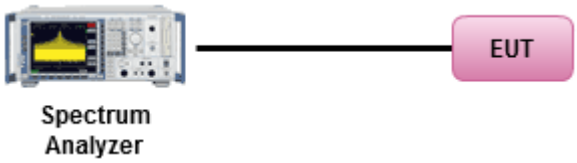
3.3.3 Test Procedures

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

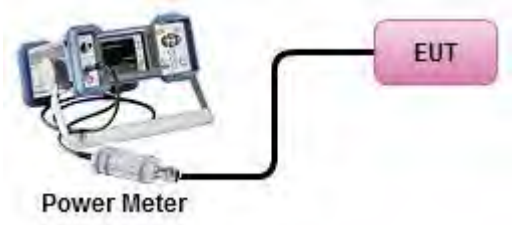
For Straddle channel

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

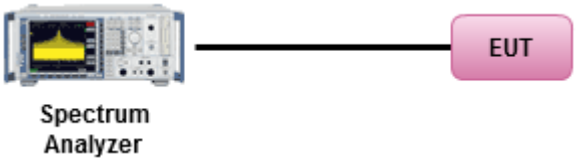
Refer a test equipment and calibration data table in this test report.

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.	

Test Method		
	▪ 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.

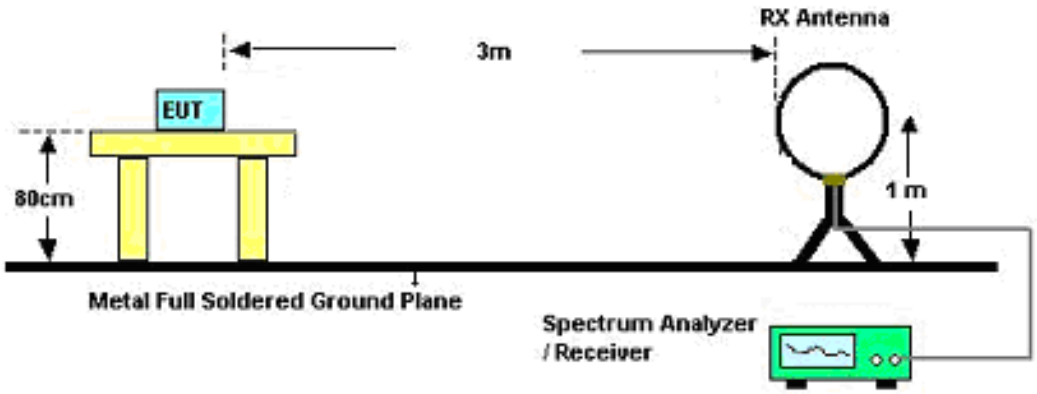
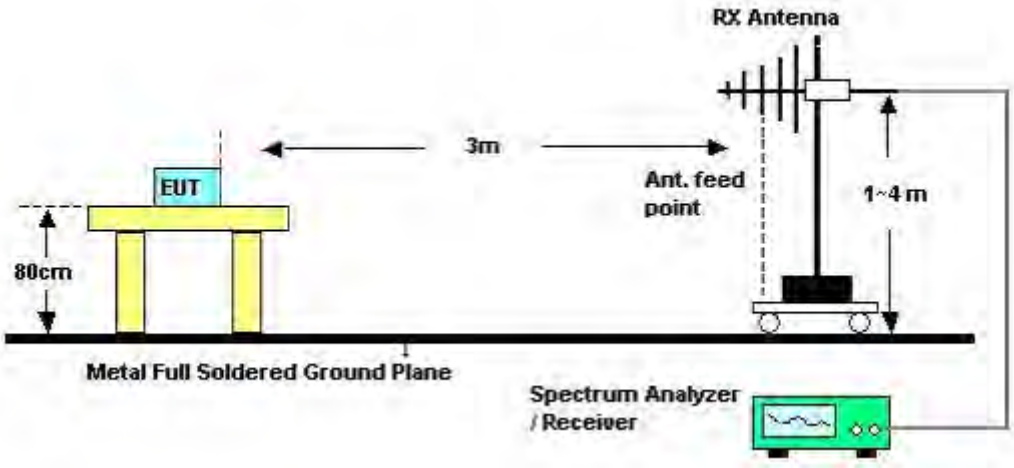
3.5.3 Test Procedures

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.

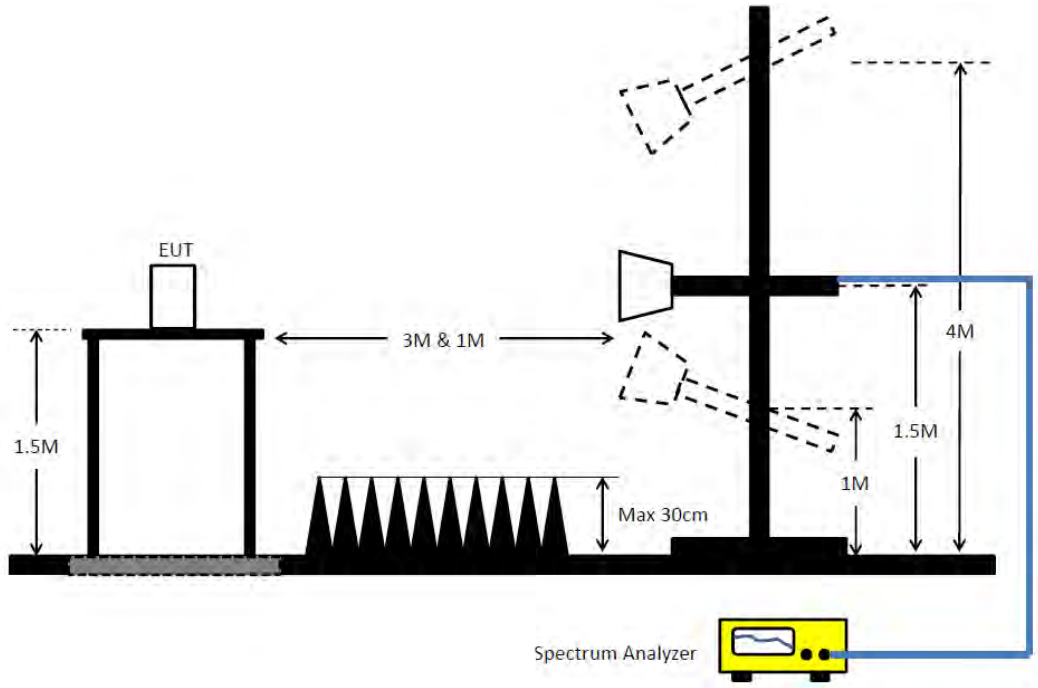
3.5.4 Measurement Results Calculation

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	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.2	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMR 40 Signal Generator	R&S	SMR 40	100116	10 MHz ~10GHz	11/Jan/2022	10/Jan/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15407_NII	V5.10.8.3	N/A	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	N/A	5.10.7.15	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	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	07/Feb/2022	06/Feb/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15407	Sporton	NA	5.10.7.20	NA	NA	NA

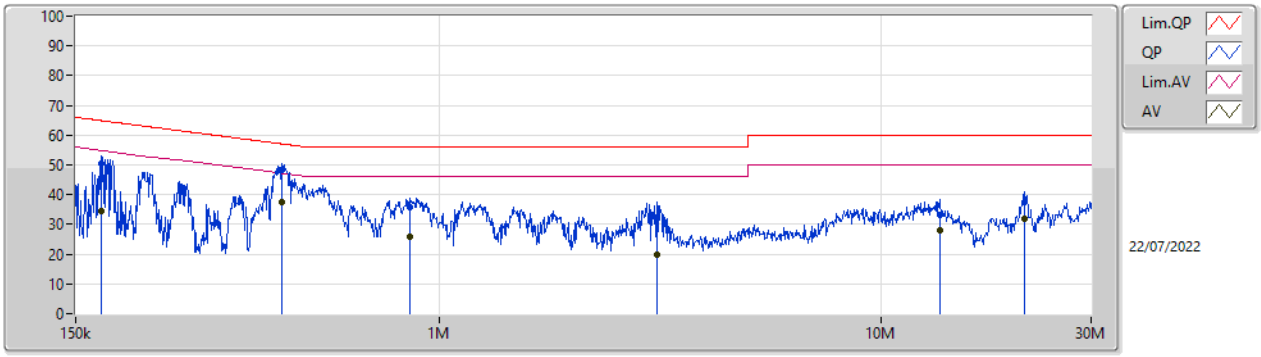
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	444.284k	49.50	56.98	-7.48	Neutral

Mode Configure

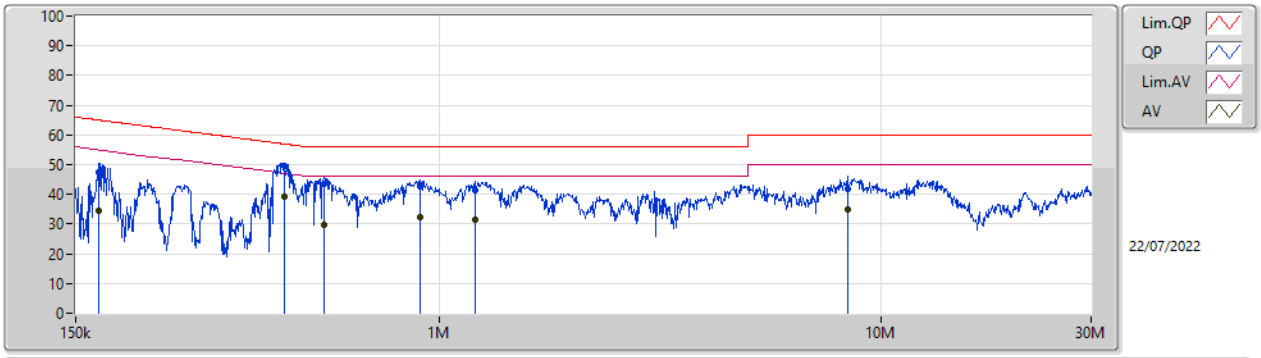
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	171.121k	50.64	64.91	-14.27	Line	-
Mode 1	Pass	AV	171.121k	34.48	54.91	-20.43	Line	-
Mode 1	Pass	QP	440.751k	48.09	57.05	-8.96	Line	-
Mode 1	Pass	AV	440.751k	37.36	47.05	-9.69	Line	-
Mode 1	Pass	QP	858.467k	35.80	56.00	-20.20	Line	-
Mode 1	Pass	AV	858.467k	25.67	46.00	-20.33	Line	-
Mode 1	Pass	QP	3.117M	31.86	56.00	-24.14	Line	-
Mode 1	Pass	AV	3.117M	19.97	46.00	-26.03	Line	-
Mode 1	Pass	QP	13.597M	33.09	60.00	-26.91	Line	-
Mode 1	Pass	AV	13.597M	27.92	50.00	-22.08	Line	-
Mode 1	Pass	QP	21.263M	37.32	60.00	-22.68	Line	-
Mode 1	Pass	AV	21.263M	31.89	50.00	-18.11	Line	-
Mode 1	Pass	QP	169.084k	47.23	65.01	-17.78	Neutral	-
Mode 1	Pass	AV	169.084k	34.59	55.01	-20.42	Neutral	-
Mode 1	Pass	QP	444.284k	49.50	56.98	-7.48	Neutral	-
Mode 1	Pass	AV	444.284k	39.02	46.98	-7.96	Neutral	-
Mode 1	Pass	QP	546.782k	43.47	56.00	-12.53	Neutral	-
Mode 1	Pass	AV	546.782k	29.76	46.00	-16.24	Neutral	-
Mode 1	Pass	QP	904.195k	42.83	56.00	-13.17	Neutral	-
Mode 1	Pass	AV	904.195k	32.22	46.00	-13.78	Neutral	-
Mode 1	Pass	QP	1.205M	41.53	56.00	-14.47	Neutral	-
Mode 1	Pass	AV	1.205M	31.56	46.00	-14.44	Neutral	-
Mode 1	Pass	QP	8.422M	41.81	60.00	-18.19	Neutral	-
Mode 1	Pass	AV	8.422M	34.83	50.00	-15.17	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	171.121k	50.64	64.91	-14.27	19.63	Line	-	31.01	9.69	0.03	9.91
AV	171.121k	34.48	54.91	-20.43	19.63	Line	-	14.85	9.69	0.03	9.91
QP	440.751k	48.09	57.05	-8.96	19.63	Line	-	28.46	9.68	0.04	9.91
AV	440.751k	37.36	47.05	-9.69	19.63	Line	-	17.73	9.68	0.04	9.91
QP	858.467k	35.80	56.00	-20.20	19.65	Line	-	16.15	9.68	0.05	9.92
AV	858.467k	25.67	46.00	-20.33	19.65	Line	-	6.02	9.68	0.05	9.92
QP	3.117M	31.86	56.00	-24.14	19.74	Line	-	12.12	9.71	0.11	9.92
AV	3.117M	19.97	46.00	-26.03	19.74	Line	-	0.23	9.71	0.11	9.92
QP	13.597M	33.09	60.00	-26.91	19.96	Line	-	13.13	9.80	0.23	9.93
AV	13.597M	27.92	50.00	-22.08	19.96	Line	-	7.96	9.80	0.23	9.93
QP	21.263M	37.32	60.00	-22.68	20.00	Line	-	17.32	9.79	0.28	9.93
AV	21.263M	31.89	50.00	-18.11	20.00	Line	-	11.89	9.79	0.28	9.93

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	169.084k	47.23	65.01	-17.78	19.67	Neutral	-	27.56	9.73	0.03	9.91
AV	169.084k	34.59	55.01	-20.42	19.67	Neutral	-	14.92	9.73	0.03	9.91
QP	444.284k	49.50	56.98	-7.48	19.67	Neutral	-	29.83	9.72	0.04	9.91
AV	444.284k	39.02	46.98	-7.96	19.67	Neutral	-	19.35	9.72	0.04	9.91
QP	546.782k	43.47	56.00	-12.53	19.67	Neutral	-	23.80	9.72	0.04	9.91
AV	546.782k	29.76	46.00	-16.24	19.67	Neutral	-	10.09	9.72	0.04	9.91
QP	904.195k	42.83	56.00	-13.17	19.70	Neutral	-	23.13	9.73	0.05	9.92
AV	904.195k	32.22	46.00	-13.78	19.70	Neutral	-	12.52	9.73	0.05	9.92
QP	1.205M	41.53	56.00	-14.47	19.71	Neutral	-	21.82	9.73	0.06	9.92
AV	1.205M	31.56	46.00	-14.44	19.71	Neutral	-	11.85	9.73	0.06	9.92
QP	8.422M	41.81	60.00	-18.19	19.97	Neutral	-	21.84	9.87	0.17	9.93
AV	8.422M	34.83	50.00	-15.17	19.97	Neutral	-	14.86	9.87	0.17	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.4M	16.342M	16M4D1D	18.93M	16.312M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.06M	18.861M	18M9D1D	20.79M	18.801M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.32M	37.781M	37M8D1D	40.02M	37.601M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.24M	76.522M	76M6D1D	80.76M	76.162M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.68M	77.881M	77M9D1D	81.52M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.65M	16.342M	16M4D1D	19.02M	16.312M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.15M	18.861M	18M9D1D	20.73M	18.801M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.32M	37.721M	37M8D1D	40.08M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.48M	76.642M	76M7D1D	81.48M	76.522M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.36M	77.801M	77M9D1D	81.28M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.62M	16.342M	16M4D1D	14.43M	13.073M
802.11ax HEW20_Nss1,(MCS0)_2TX	21M	18.861M	18M9D1D	15.255M	14.348M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.38M	37.721M	37M8D1D	34.895M	33.478M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.08M	76.882M	76M9D1D	75.525M	72.714M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.4M	154.963M	155MD1D	163.68M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.33M	16.372M	16M4D1D	3.16M	3.698M
802.11ax HEW20_Nss1,(MCS0)_2TX	17.31M	18.951M	19M0D1D	4.48M	4.598M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.32M	37.841M	37M9D1D	4.02M	4.178M
802.11ax HEW80_Nss1,(MCS0)_2TX	68.76M	76.882M	76M9D1D	4M	4.318M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.31M	16.312M	19.29M	16.342M
5200MHz	Pass	Inf	19.38M	16.312M	18.93M	16.312M
5240MHz	Pass	Inf	20.4M	16.312M	19.23M	16.312M
5260MHz	Pass	Inf	19.53M	16.312M	19.02M	16.342M
5300MHz	Pass	Inf	19.65M	16.312M	19.47M	16.312M
5320MHz	Pass	Inf	19.53M	16.312M	19.5M	16.312M
5500MHz	Pass	Inf	19.5M	16.312M	19.5M	16.282M
5580MHz	Pass	Inf	19.5M	16.312M	19.62M	16.312M
5700MHz	Pass	Inf	19.02M	16.342M	19.47M	16.342M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.18M	13.073M	14.43M	13.088M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.758M	3.16M	3.698M
5745MHz	Pass	500k	15.06M	16.282M	15.33M	16.342M
5785MHz	Pass	500k	14.97M	16.282M	15M	16.342M
5825MHz	Pass	500k	13.83M	16.372M	15.06M	16.372M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.06M	18.831M	20.85M	18.861M
5200MHz	Pass	Inf	21.03M	18.831M	20.79M	18.831M
5240MHz	Pass	Inf	20.88M	18.861M	21M	18.801M
5260MHz	Pass	Inf	20.73M	18.831M	21.15M	18.801M
5300MHz	Pass	Inf	21.09M	18.861M	21.03M	18.831M
5320MHz	Pass	Inf	21.12M	18.861M	20.97M	18.831M
5500MHz	Pass	Inf	20.97M	18.861M	20.76M	18.861M
5580MHz	Pass	Inf	20.88M	18.831M	20.91M	18.861M
5700MHz	Pass	Inf	20.91M	18.831M	21M	18.831M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.255M	14.363M	15.36M	14.348M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.598M	4.52M	4.618M
5745MHz	Pass	500k	15.42M	18.891M	17.28M	18.861M
5785MHz	Pass	500k	17.19M	18.921M	17.31M	18.831M
5825MHz	Pass	500k	15.06M	18.951M	15.09M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.661M	40.02M	37.601M
5230MHz	Pass	Inf	40.32M	37.781M	40.26M	37.661M
5270MHz	Pass	Inf	40.14M	37.601M	40.08M	37.481M
5310MHz	Pass	Inf	40.32M	37.721M	40.14M	37.721M
5510MHz	Pass	Inf	40.08M	37.661M	40.26M	37.721M
5550MHz	Pass	Inf	40.02M	37.661M	40.02M	37.721M
5670MHz	Pass	Inf	40.38M	37.721M	40.26M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.478M	34.895M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.178M	4.04M	4.198M
5755MHz	Pass	500k	32.88M	37.841M	37.32M	37.781M
5795MHz	Pass	500k	36.06M	37.841M	32.7M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.522M	80.76M	76.162M
5290MHz	Pass	Inf	81.48M	76.642M	81.48M	76.522M
5530MHz	Pass	Inf	81.6M	76.882M	82.08M	76.882M
5610MHz	Pass	Inf	81.84M	76.642M	81.24M	76.402M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	72.714M	75.825M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.338M	4M	4.318M
5775MHz	Pass	500k	67.44M	76.882M	68.76M	76.642M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.68M	77.881M	81.52M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.36M	77.801M	81.28M	77.481M

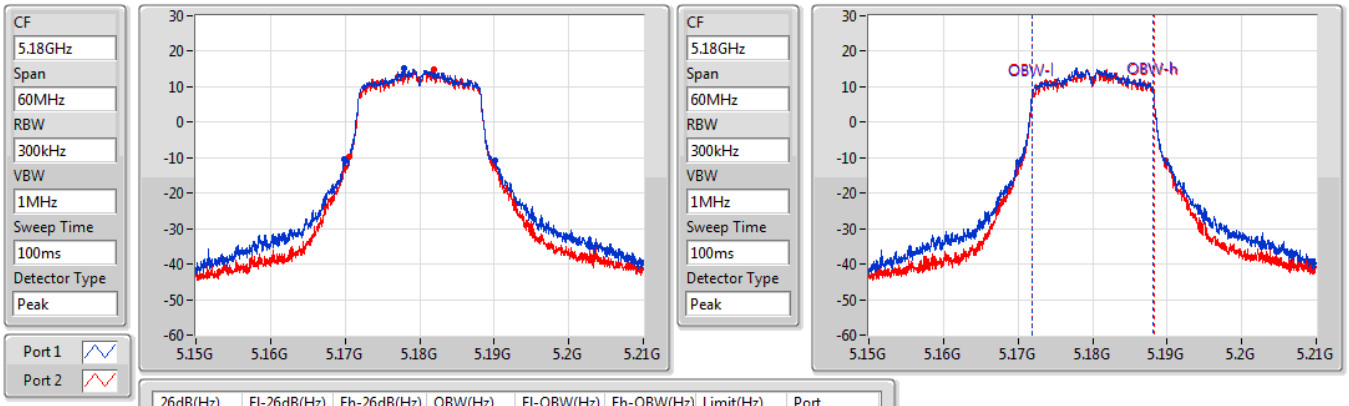
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5570MHz	Pass	Inf	164.4M	154.963M	163.68M	154.963M

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

14/07/2022

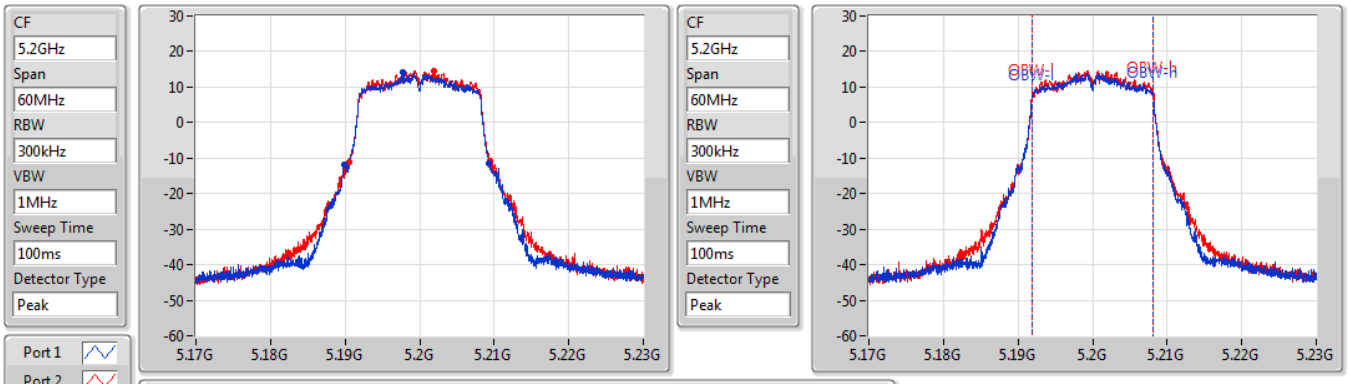


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.16983G	5.19014G	16.312M	5.171874G	5.188186G	Inf	1
19.29M	5.17049G	5.18978G	16.342M	5.171874G	5.188216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

14/07/2022

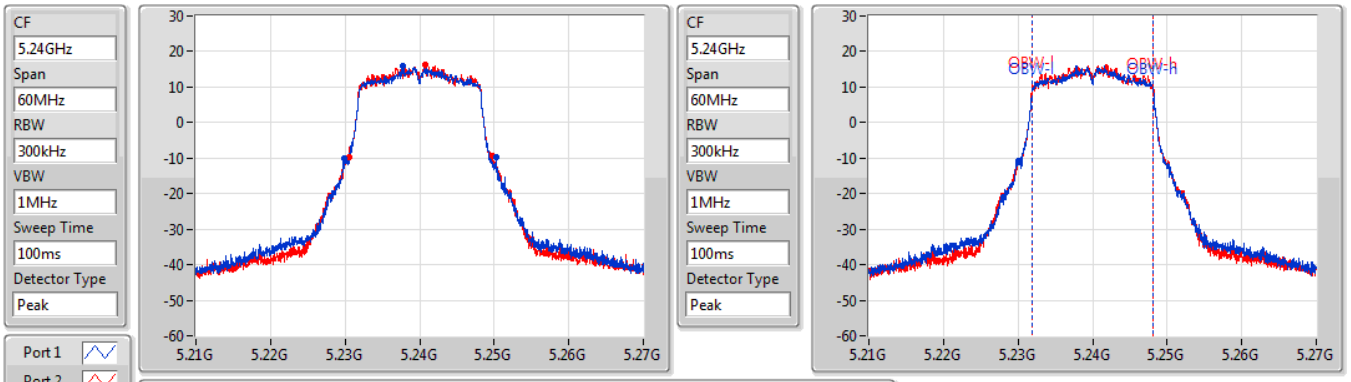


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.38M	5.18992G	5.2093G	16.312M	5.191844G	5.208156G	Inf	1
18.93M	5.19058G	5.20951G	16.312M	5.191874G	5.208186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

15/07/2022

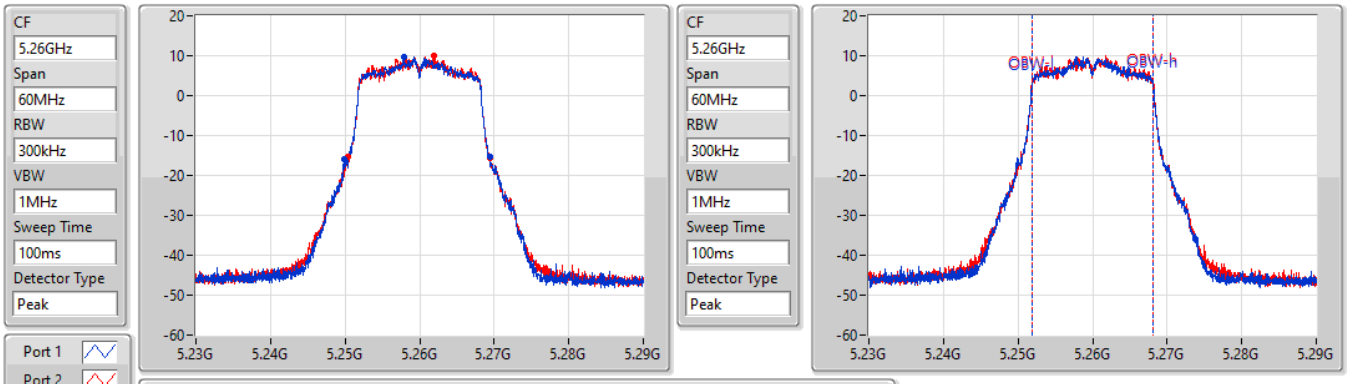


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.22989G	5.25029G	16.312M	5.231874G	5.248186G	Inf	1
19.23M	5.23055G	5.24978G	16.312M	5.231874G	5.248186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

08/07/2022

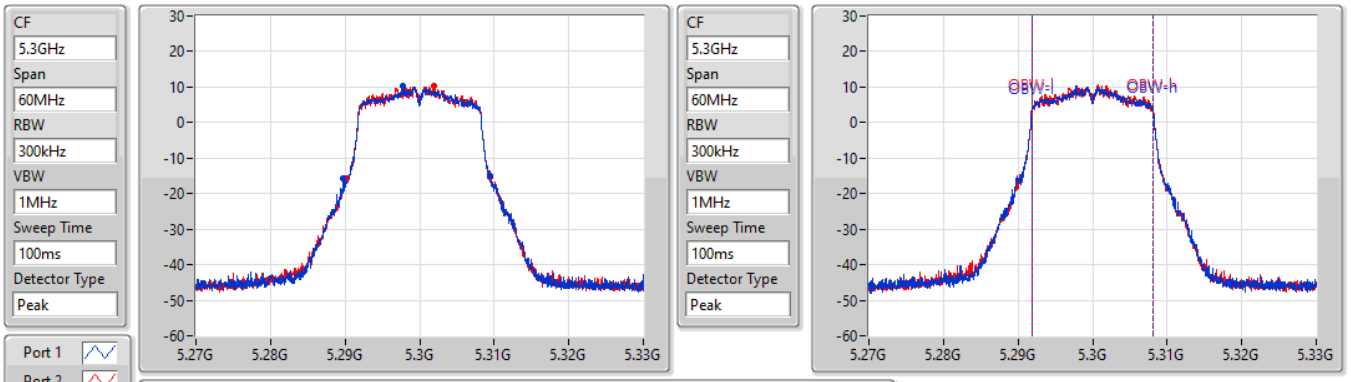


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.24983G	5.26936G	16.312M	5.251844G	5.268156G	Inf	1
19.02M	5.25043G	5.26945G	16.342M	5.251844G	5.268186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

08/07/2022

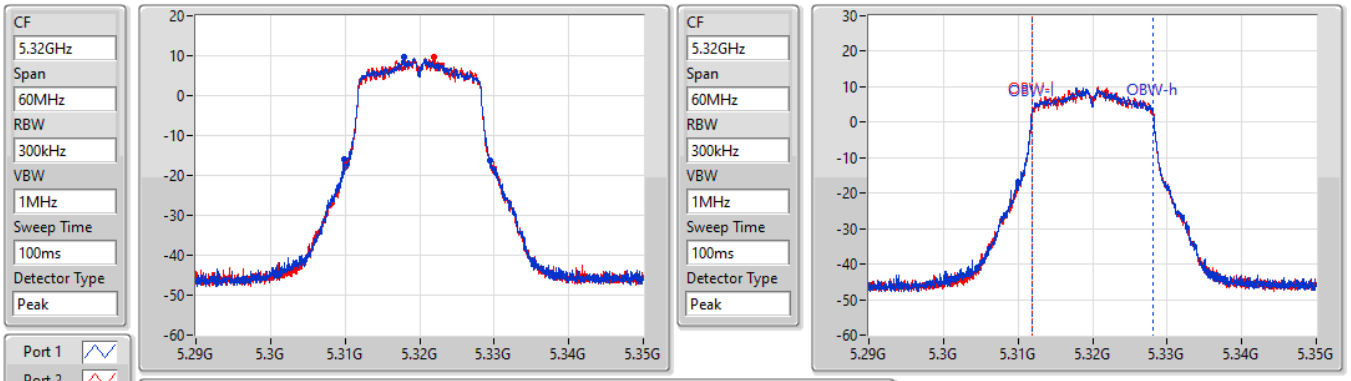


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.2898G	5.30945G	16.312M	5.291844G	5.308156G	Inf	1
19.47M	5.28998G	5.30945G	16.312M	5.291844G	5.308156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

08/07/2022

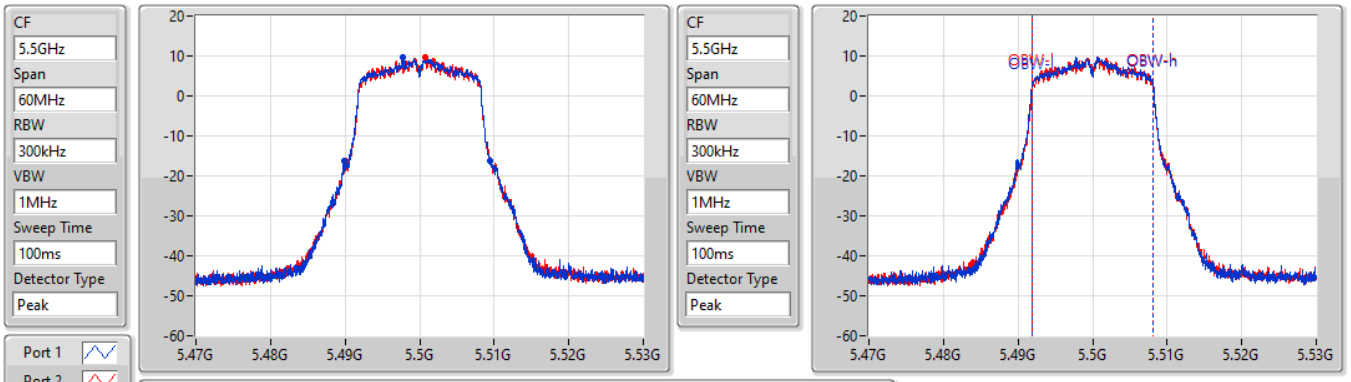


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.30986G	5.32939G	16.312M	5.311844G	5.328156G	Inf	1
19.5M	5.30998G	5.32948G	16.312M	5.311844G	5.328156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

08/07/2022

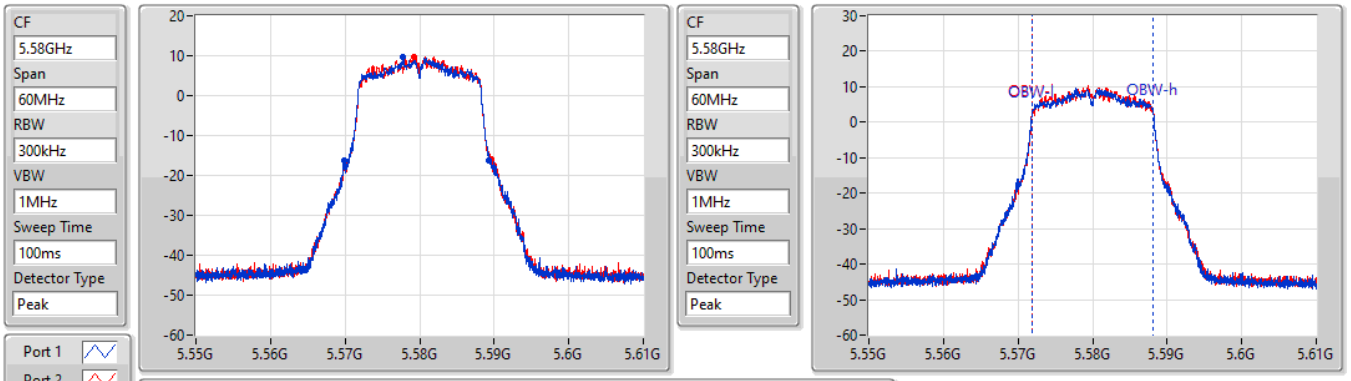


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.5M	5.48989G	5.50939G	16.312M	5.491844G	5.508156G	Inf	1
19.5M	5.49001G	5.50951G	16.282M	5.491874G	5.508156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

08/07/2022

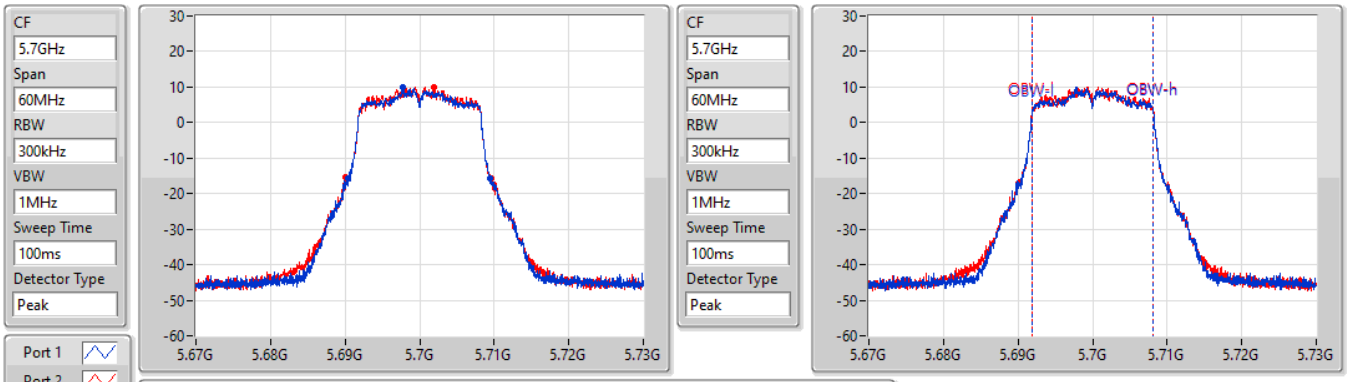


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.5M	5.56983G	5.58933G	16.312M	5.571844G	5.588156G	Inf	1
19.62M	5.56992G	5.58954G	16.312M	5.571874G	5.588186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

08/07/2022

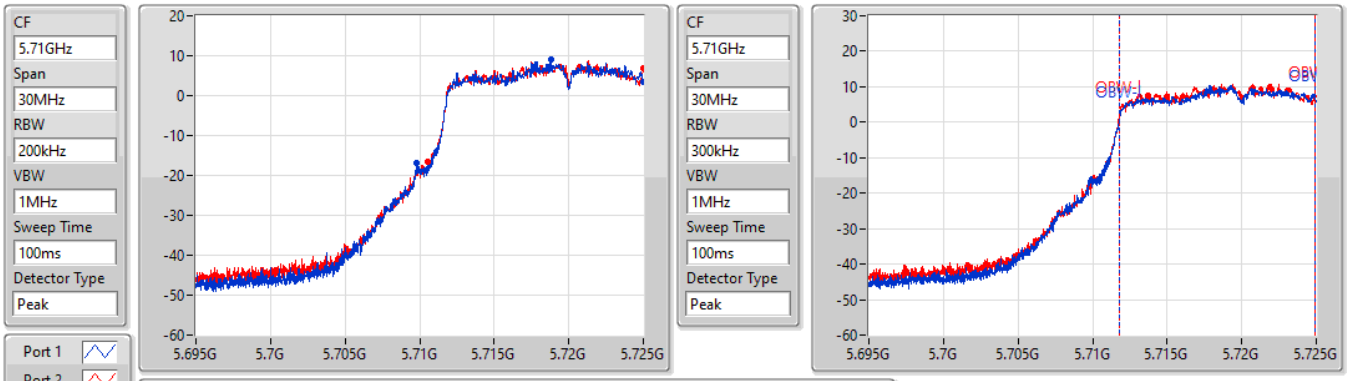


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.69043G	5.70945G	16.342M	5.691844G	5.708186G	Inf	1
19.47M	5.690074G	5.70954G	16.342M	5.691844G	5.708186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

08/07/2022

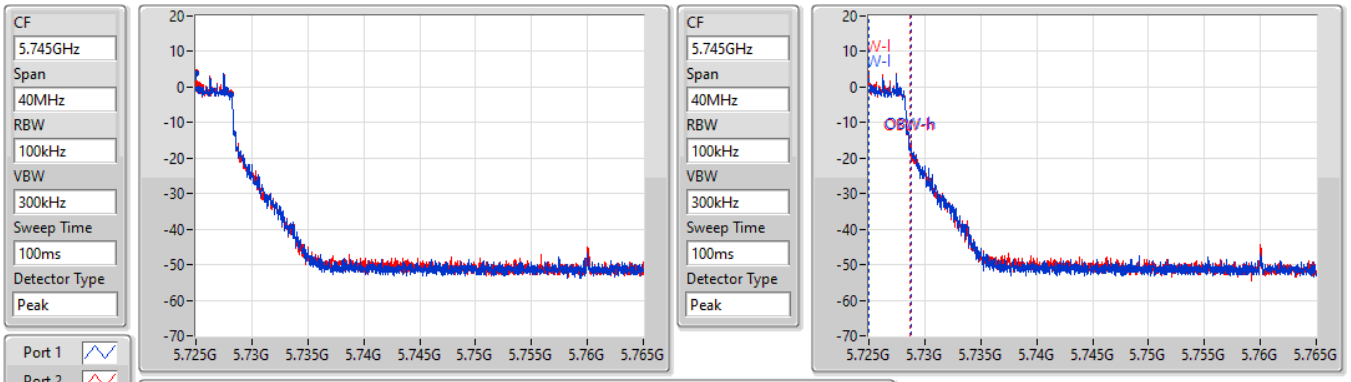


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.18M	5.70982G	5.725G	13.073M	5.711829G	5.724903G	Inf	1
14.43M	5.71057G	5.725G	13.088M	5.711829G	5.724918G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

08/07/2022

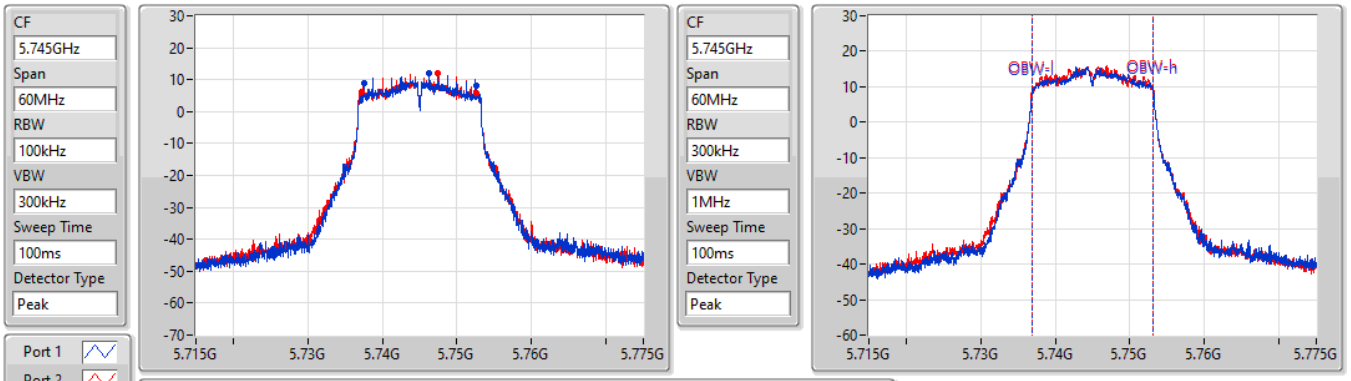


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.758M	5.72501G	5.728768G	500k	1
3.16M	5.725G	5.72816G	3.698M	5.72501G	5.728708G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

08/07/2022

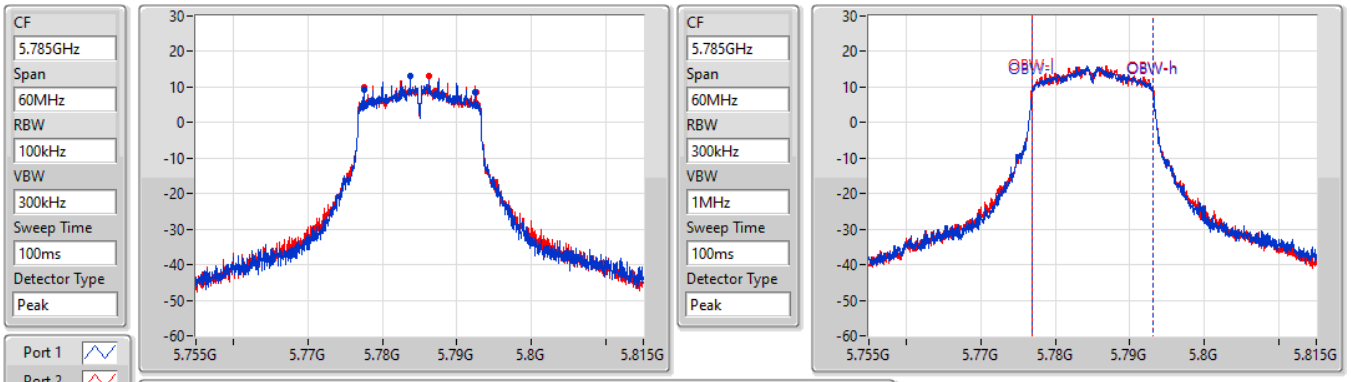


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.7375G	5.75256G	16.282M	5.736904G	5.753186G	500k	1
15.33M	5.73726G	5.75259G	16.342M	5.736844G	5.753186G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

08/07/2022

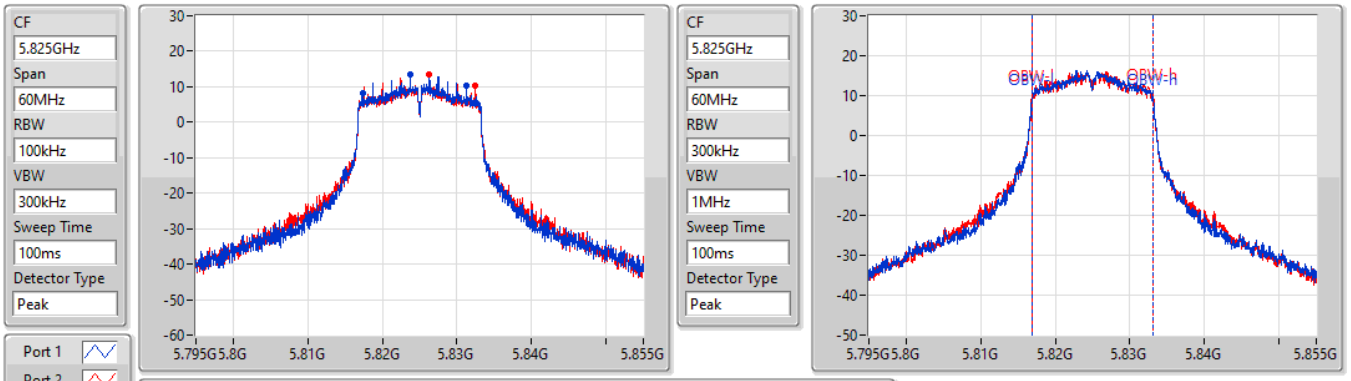


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.97M	5.7775G	5.79247G	16.282M	5.776874G	5.793156G	500k	1
15M	5.77753G	5.79253G	16.342M	5.776844G	5.793186G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

08/07/2022

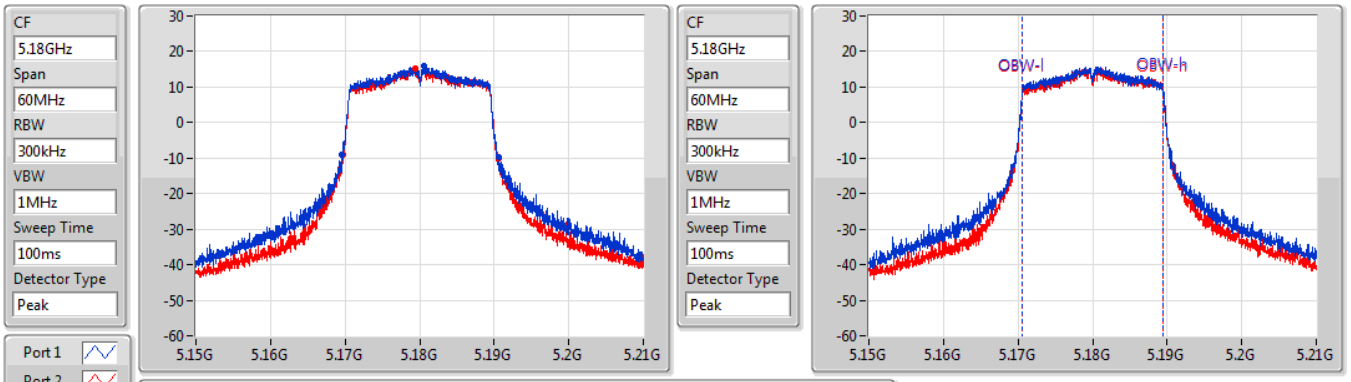


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.83M	5.81744G	5.83127G	16.372M	5.816814G	5.833186G	500k	1
15.06M	5.81744G	5.8325G	16.372M	5.816814G	5.833186G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

14/07/2022

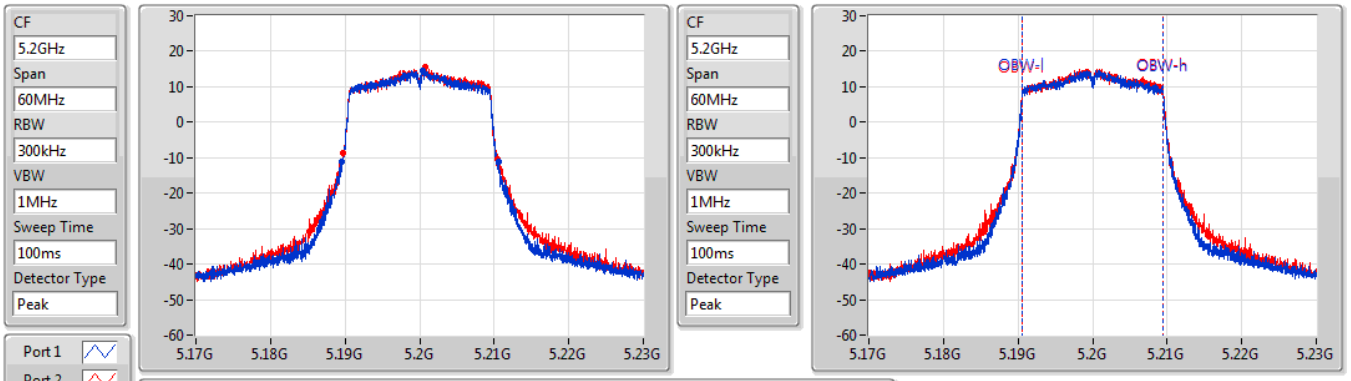


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.06M	5.16953G	5.19059G	18.831M	5.170615G	5.189445G	Inf	1
20.85M	5.16968G	5.19053G	18.861M	5.170615G	5.189475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

14/07/2022

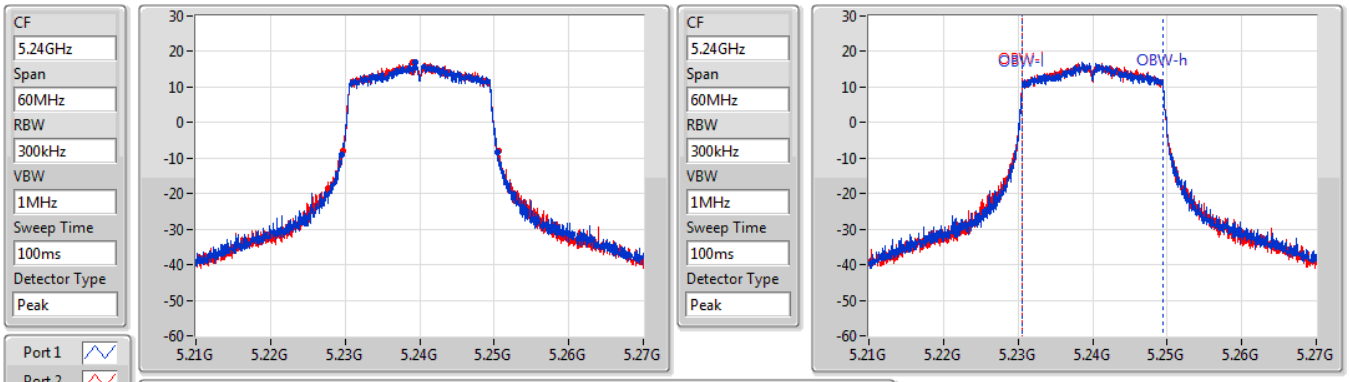


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.03M	5.18962G	5.21065G	18.831M	5.190615G	5.209445G	Inf	1
20.79M	5.18971G	5.2105G	18.831M	5.190615G	5.209445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

14/07/2022

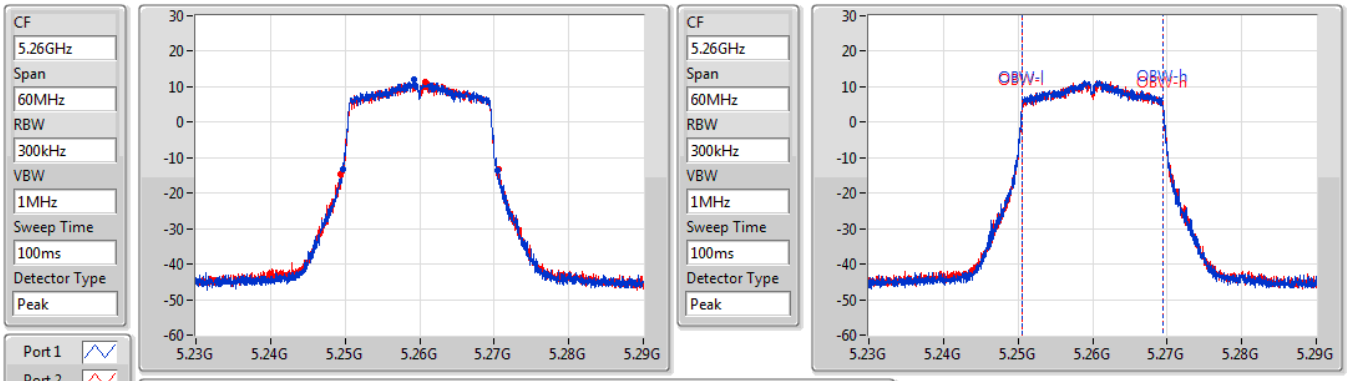


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.22953G	5.25041G	18.861M	5.230585G	5.249445G	Inf	1
21M	5.22965G	5.25065G	18.801M	5.230615G	5.249415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

14/07/2022

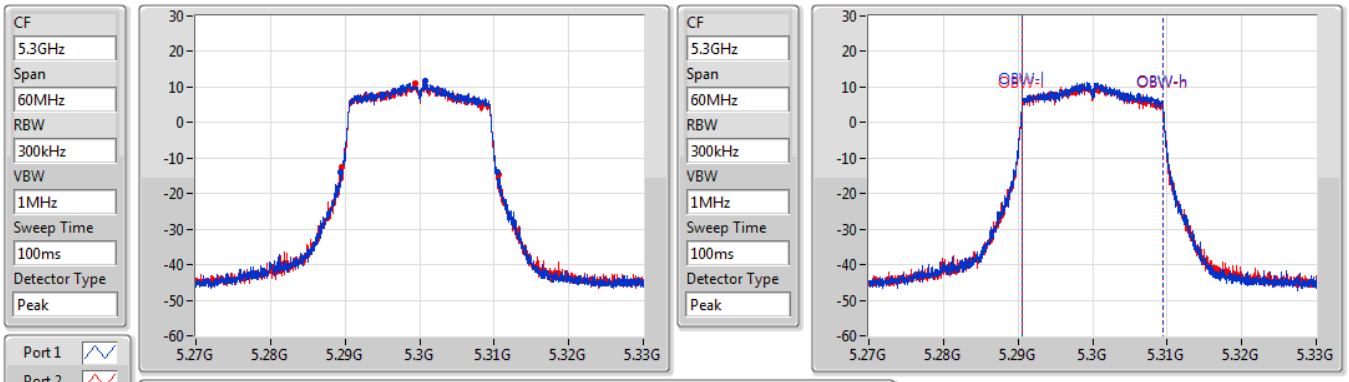


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.24968G	5.27041G	18.831M	5.250585G	5.269415G	Inf	1
21.15M	5.24944G	5.27059G	18.801M	5.250615G	5.269415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

14/07/2022

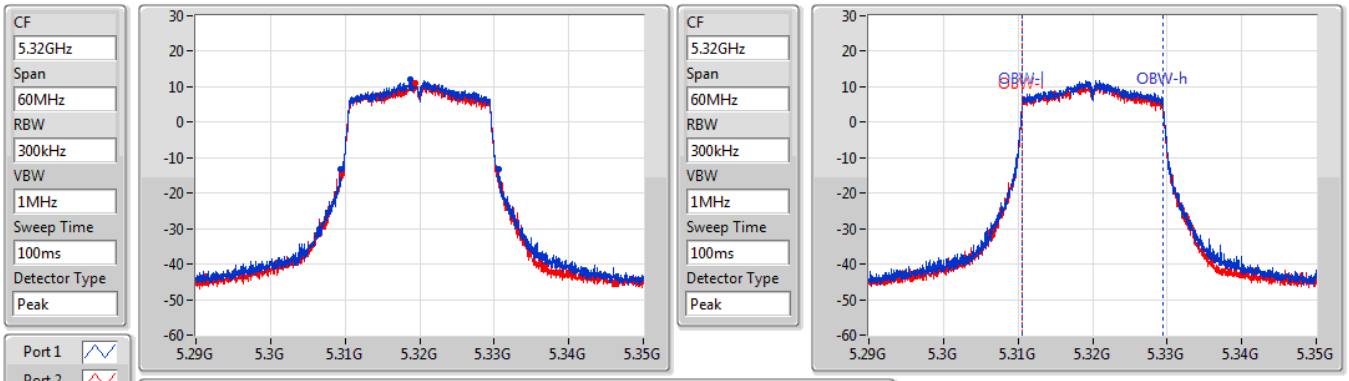


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.09M	5.28941G	5.3105G	18.861M	5.290555G	5.309415G	Inf	1
21.03M	5.28959G	5.31062G	18.831M	5.290555G	5.309385G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

14/07/2022

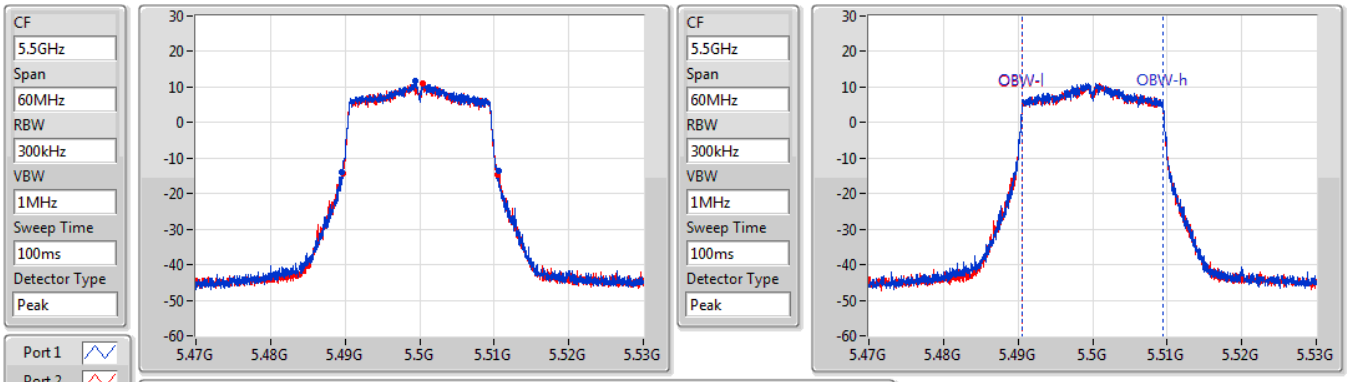


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.30944G	5.33056G	18.861M	5.310585G	5.329445G	Inf	1
20.97M	5.3095G	5.33047G	18.831M	5.310585G	5.329415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

14/07/2022

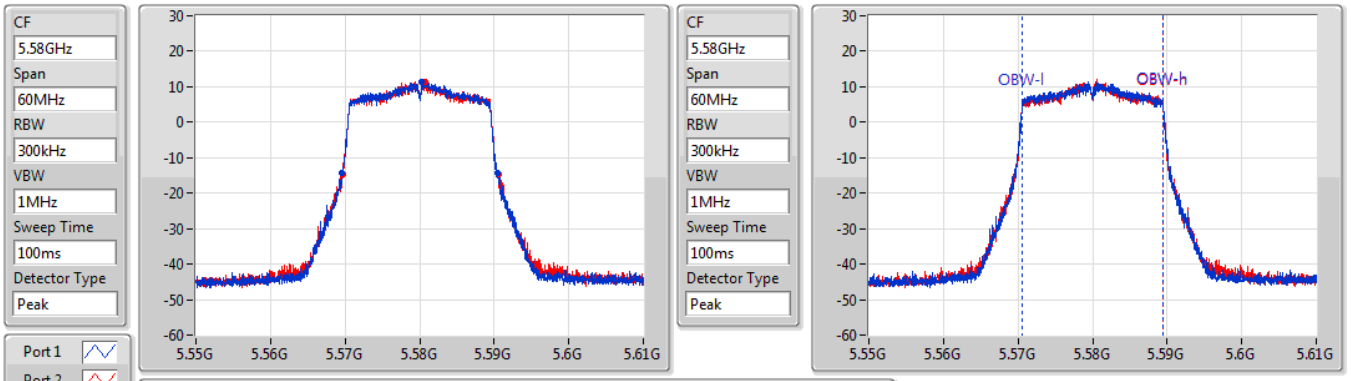


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.48956G	5.51053G	18.861M	5.490585G	5.509445G	Inf	1
20.76M	5.48965G	5.51041G	18.861M	5.490585G	5.509445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

14/07/2022

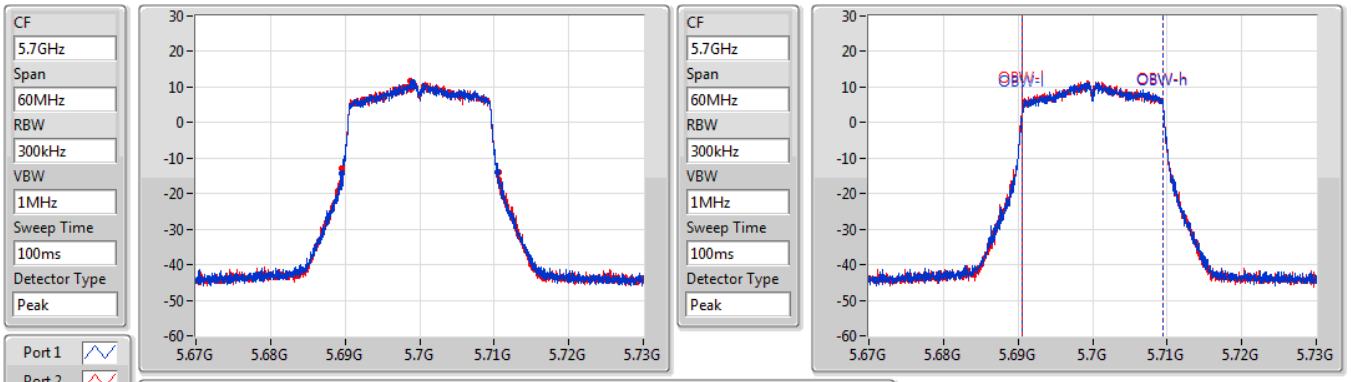


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.56953G	5.59041G	18.831M	5.570585G	5.589415G	Inf	1
20.91M	5.56965G	5.59056G	18.861M	5.570585G	5.589445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

14/07/2022

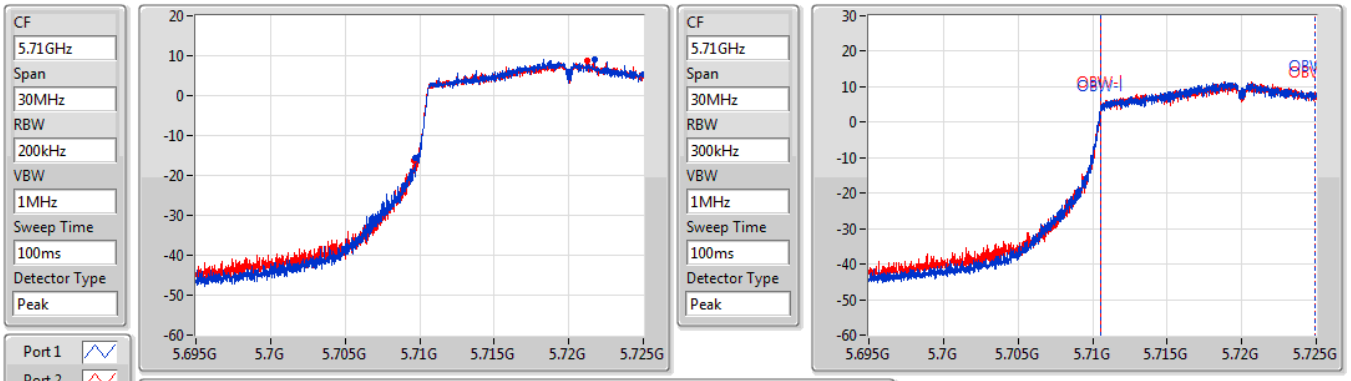


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.91M	5.68959G	5.7105G	18.831M	5.690615G	5.709445G	Inf	1
21M	5.68959G	5.71059G	18.831M	5.690615G	5.709445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

14/07/2022

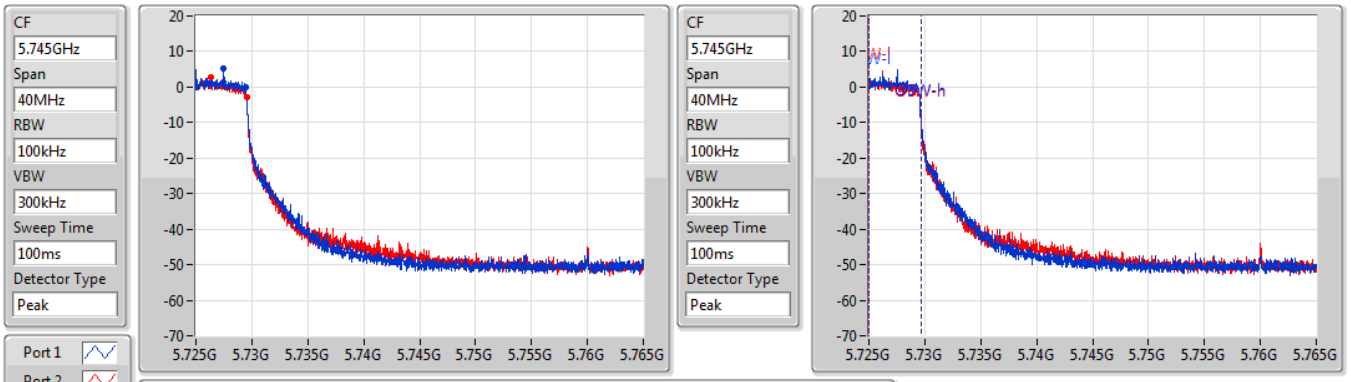


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.255M	5.709745G	5.725G	14.363M	5.71057G	5.724933G	Inf	1
15.36M	5.70964G	5.725G	14.348M	5.71057G	5.724918G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

14/07/2022

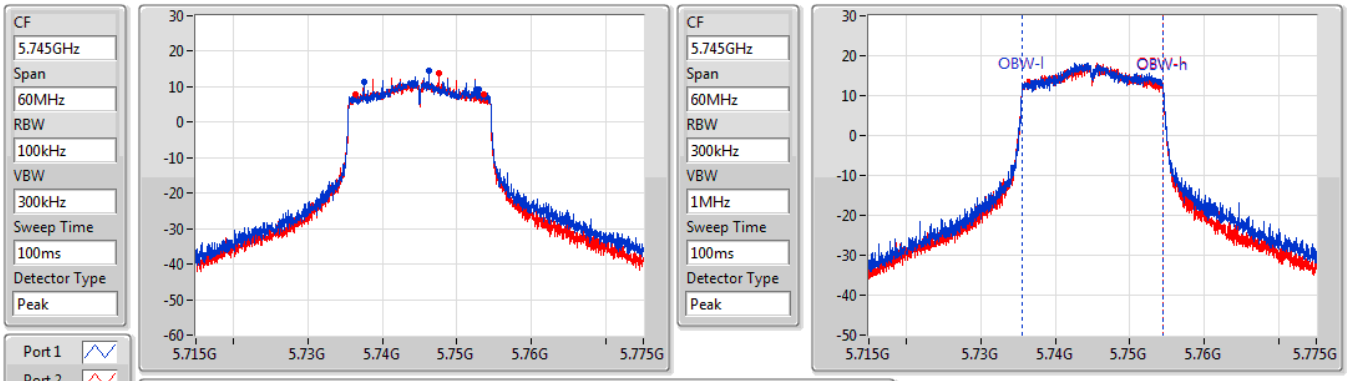


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	4.598M	5.72503G	5.729628G	500k	1
4.52M	5.725G	5.72952G	4.618M	5.72501G	5.729628G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

14/07/2022

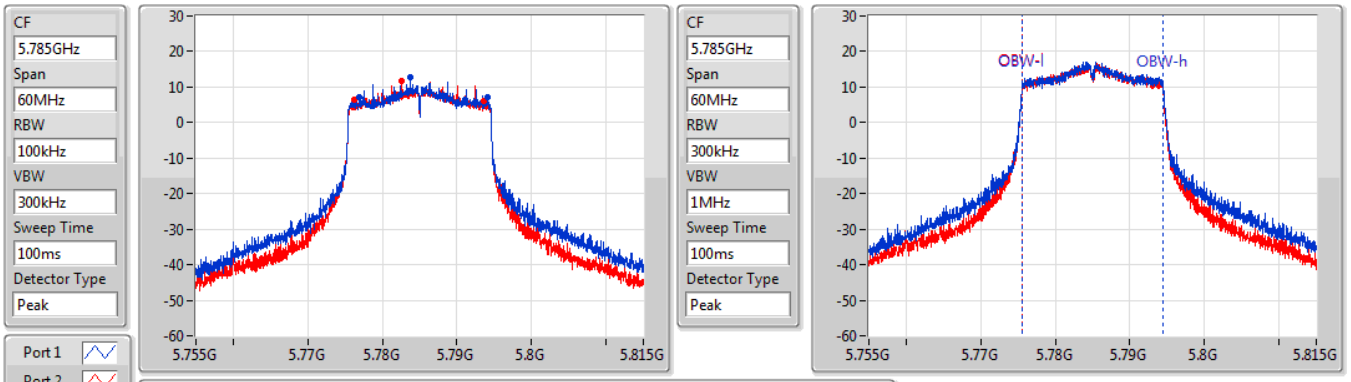


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.42M	5.7375G	5.75292G	18.891M	5.735585G	5.754475G	500k	1
17.28M	5.73636G	5.75364G	18.861M	5.735585G	5.754445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

14/07/2022

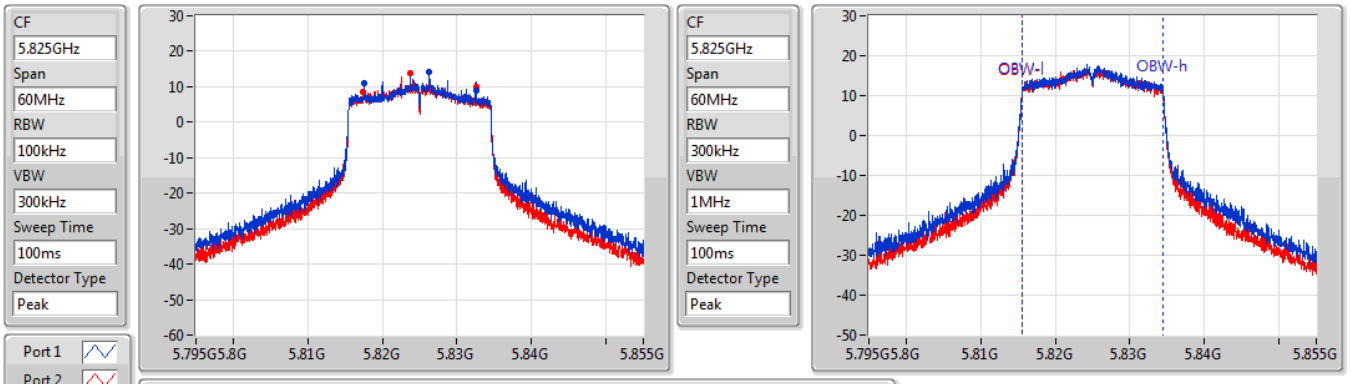


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.19M	5.77696G	5.79415G	18.921M	5.775555G	5.794475G	500k	1
17.31M	5.7763G	5.79361G	18.831M	5.775585G	5.794415G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

14/07/2022

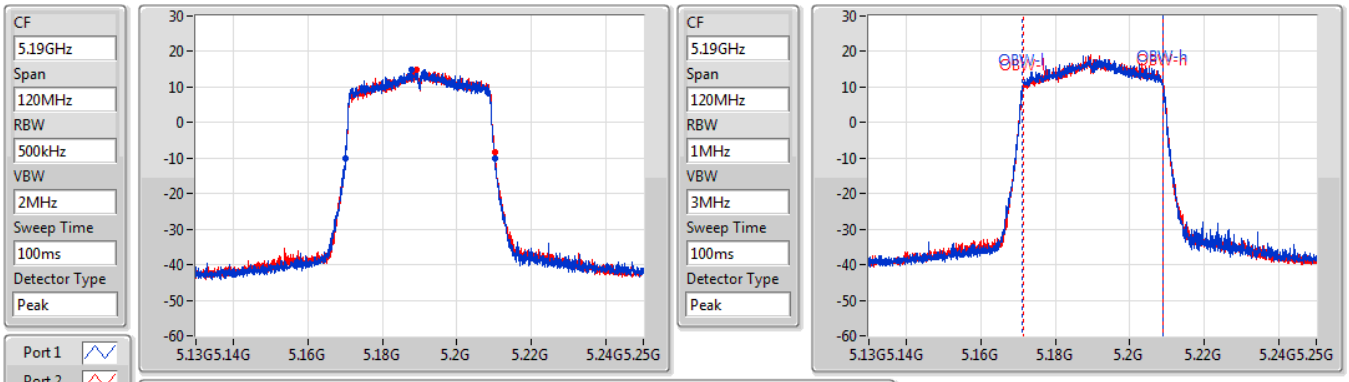


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.81753G	5.83259G	18.951M	5.815525G	5.834475G	500k	1
15.09M	5.81747G	5.83256G	18.891M	5.815555G	5.834445G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

14/07/2022

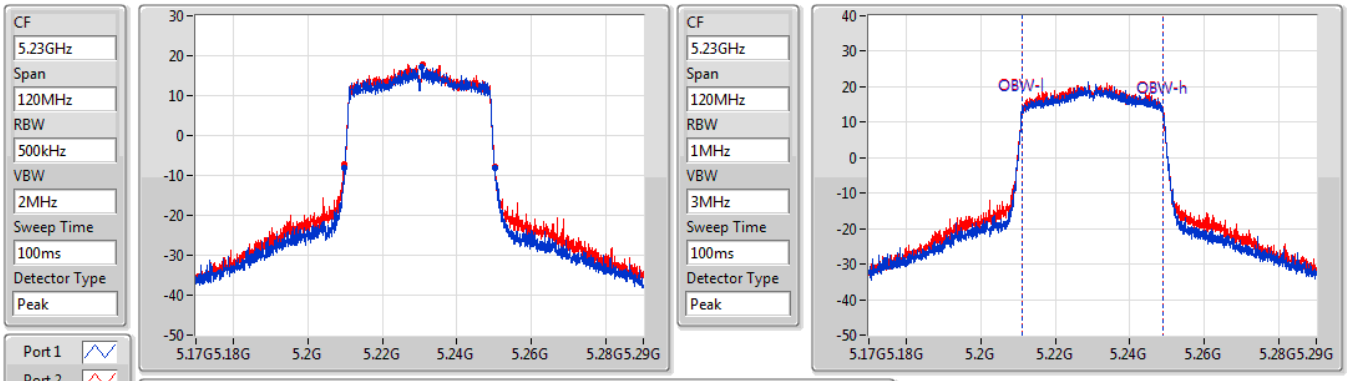


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.17008G	5.2101G	37.661M	5.171229G	5.208891G	Inf	1
40.02M	5.17008G	5.2101G	37.601M	5.171349G	5.208951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

14/07/2022

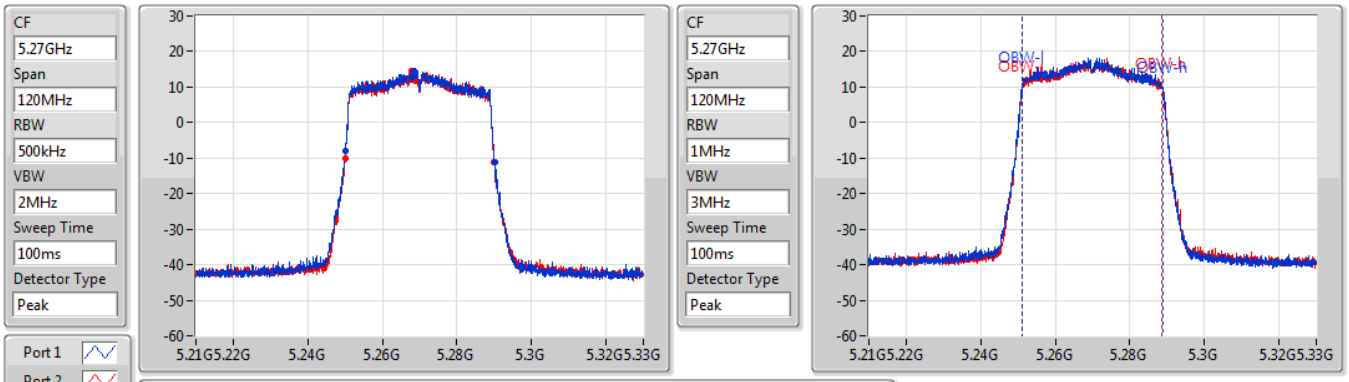


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.20984G	5.25016G	37.781M	5.211169G	5.248951G	Inf	1
40.26M	5.20984G	5.2501G	37.661M	5.211169G	5.248831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

14/07/2022

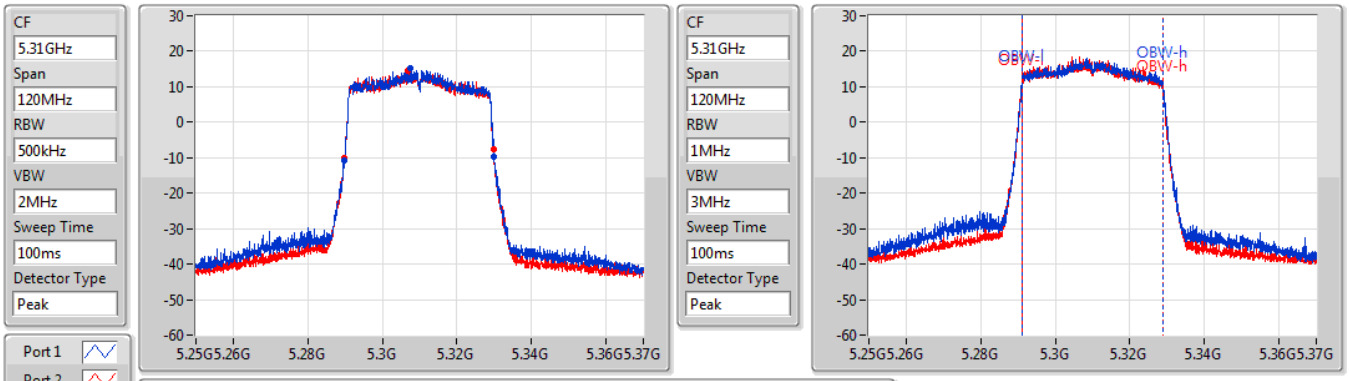


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.24996G	5.2901G	37.601M	5.251169G	5.288771G	Inf	1
40.08M	5.24996G	5.29004G	37.481M	5.251229G	5.288711G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

14/07/2022

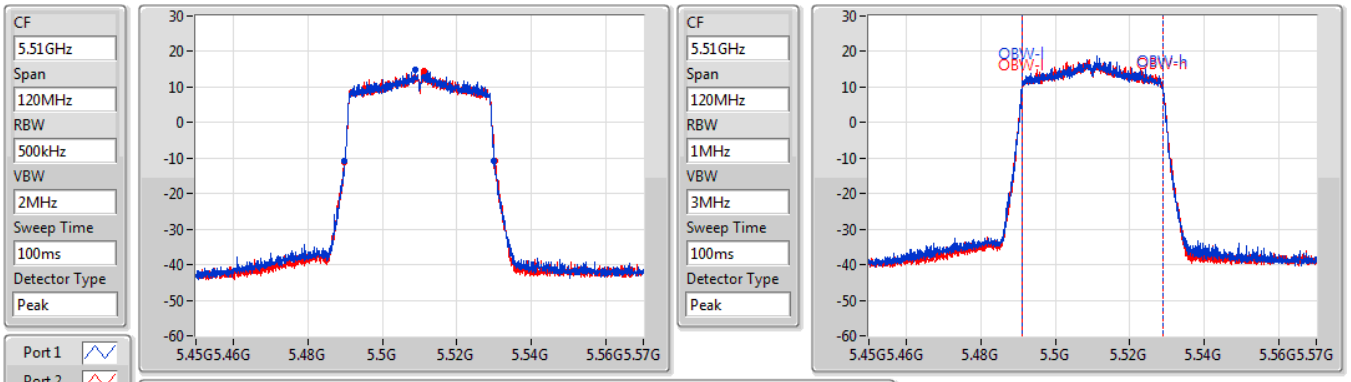


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.28972G	5.33004G	37.721M	5.291109G	5.328831G	Inf	1
40.14M	5.28984G	5.32998G	37.721M	5.291049G	5.328771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

14/07/2022

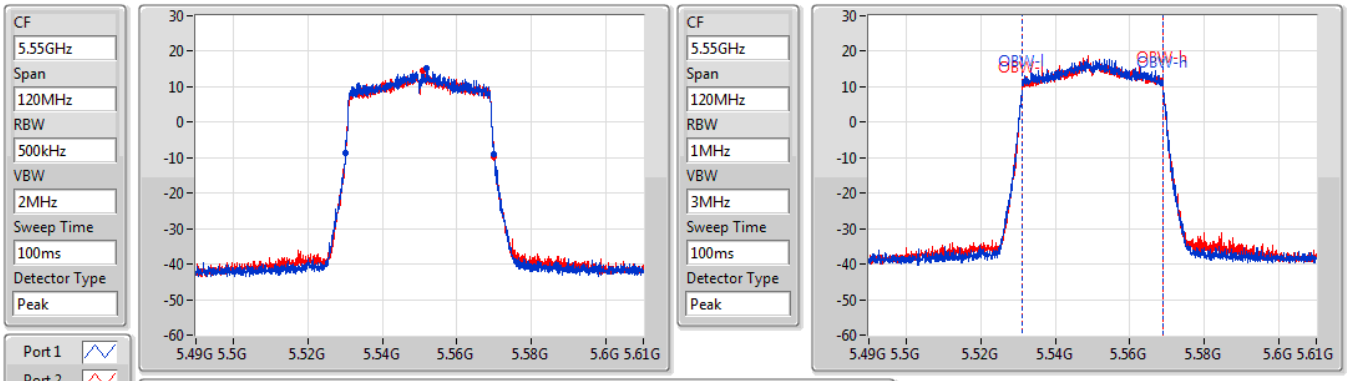


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.4899G	5.52998G	37.661M	5.491169G	5.528831G	Inf	1
40.26M	5.48984G	5.5301G	37.721M	5.491169G	5.528891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

14/07/2022

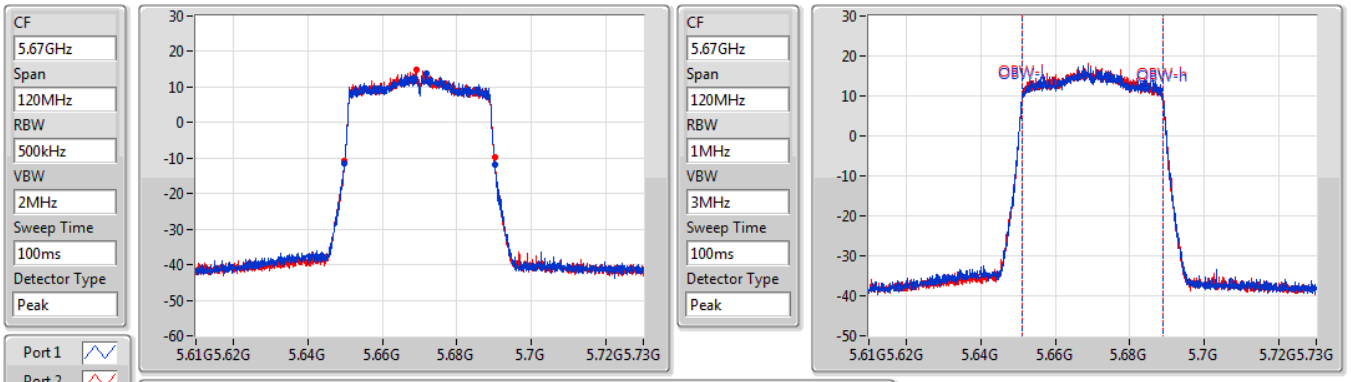


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.53002G	5.57004G	37.661M	5.531229G	5.568891G	Inf	1
40.02M	5.53002G	5.57004G	37.721M	5.531169G	5.568891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

14/07/2022

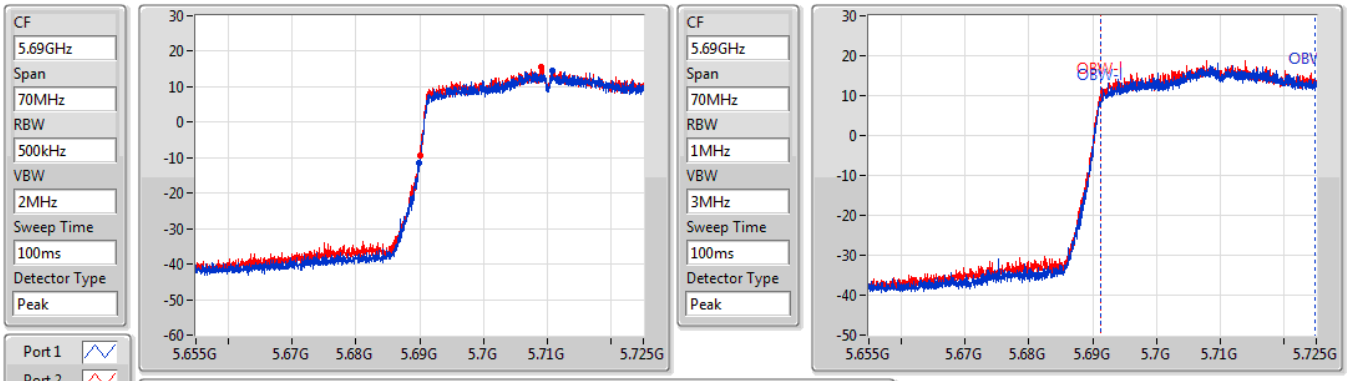


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.64984G	5.69022G	37.721M	5.651169G	5.688891G	Inf	1
40.26M	5.6499G	5.69016G	37.721M	5.651109G	5.688831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

14/07/2022

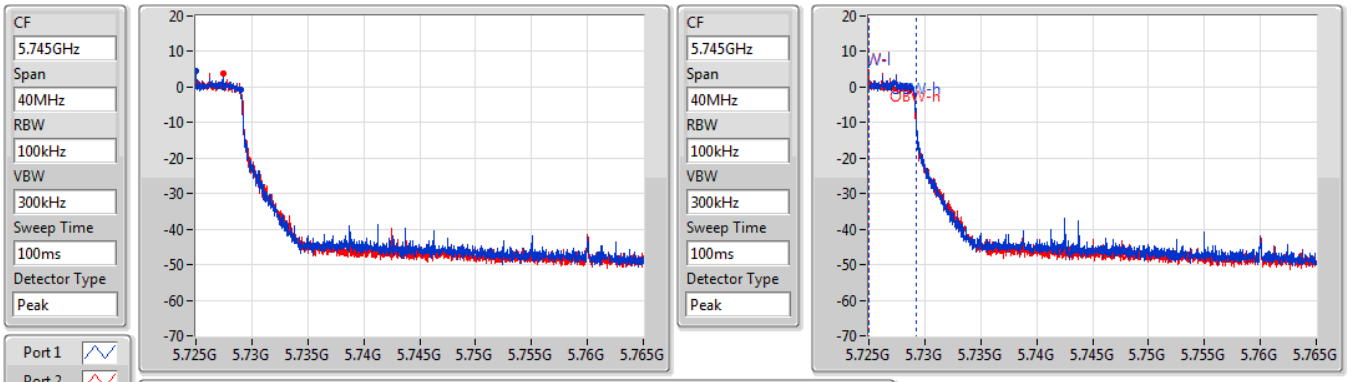


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.478M	5.691294G	5.724773G	Inf	1
34.895M	5.690105G	5.725G	33.583M	5.691189G	5.724773G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

14/07/2022

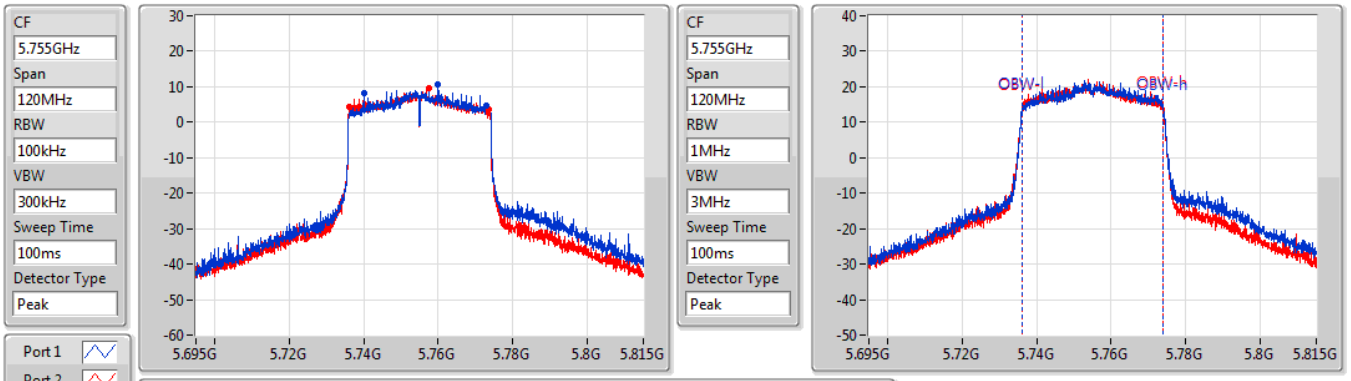


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.178M	5.72503G	5.729208G	500k	1
4.04M	5.725G	5.72904G	4.198M	5.72501G	5.729208G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

14/07/2022

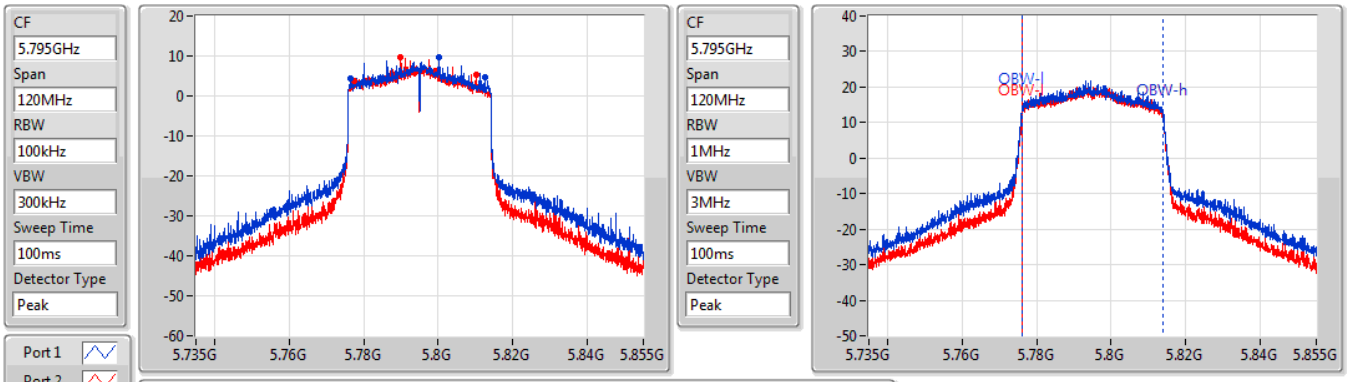


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.88M	5.74G	5.77288G	37.841M	5.736169G	5.77401G	500k	1
37.32M	5.73616G	5.77348G	37.781M	5.736109G	5.773891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

14/07/2022

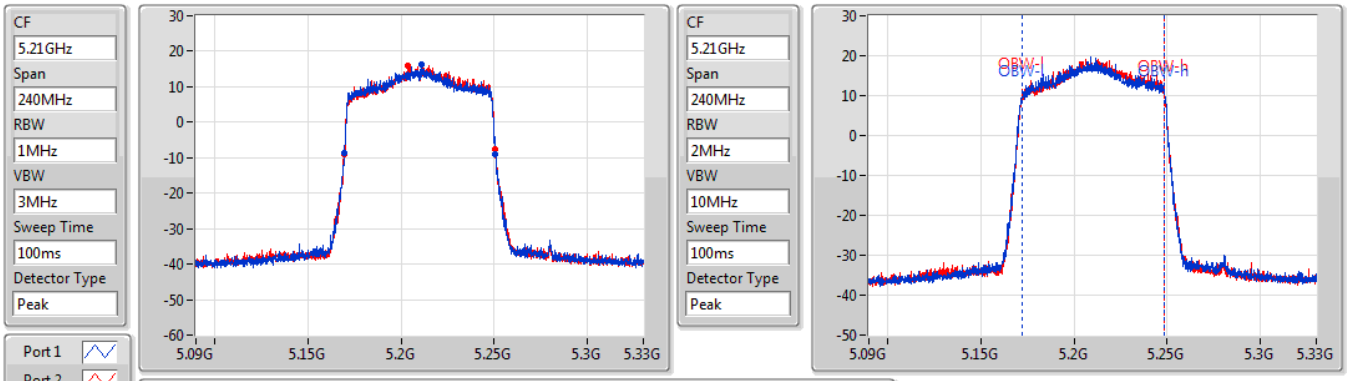


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.06M	5.77652G	5.81258G	37.841M	5.776049G	5.813891G	500k	1
32.7M	5.77736G	5.81006G	37.721M	5.776109G	5.813831G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

14/07/2022

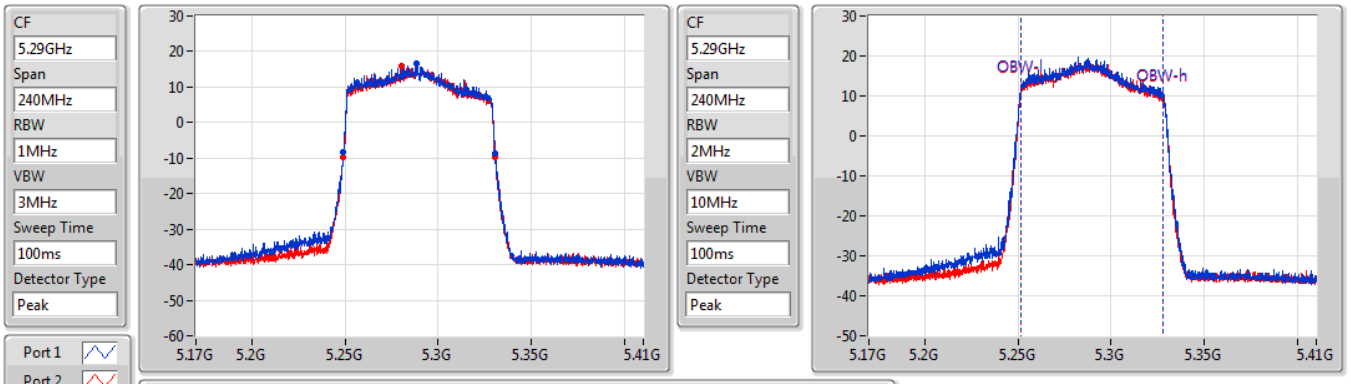


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16944G	5.25068G	76.522M	5.171979G	5.248501G	Inf	1
80.76M	5.1698G	5.25056G	76.162M	5.172339G	5.248501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

14/07/2022

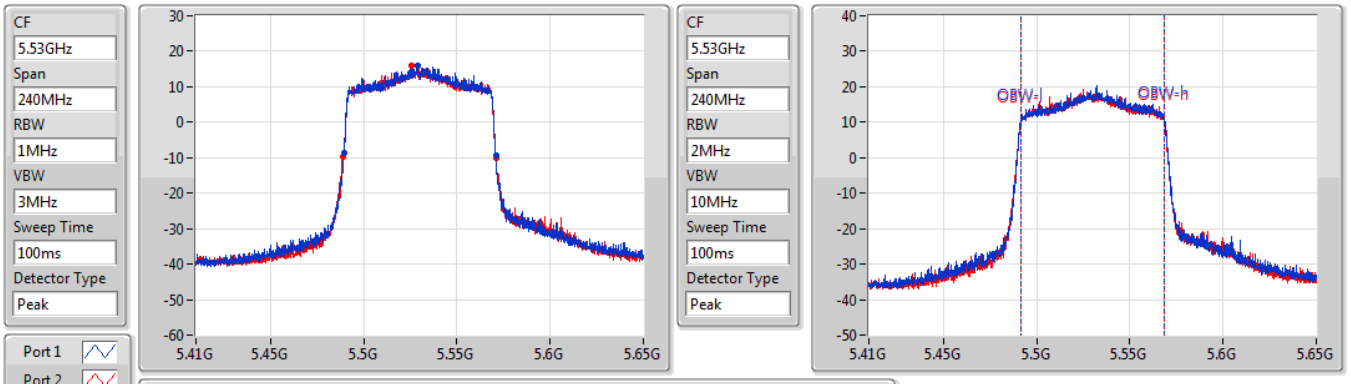


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.24908G	5.33056G	76.642M	5.251379G	5.328021G	Inf	1
81.48M	5.2492G	5.33068G	76.522M	5.251379G	5.327901G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

14/07/2022

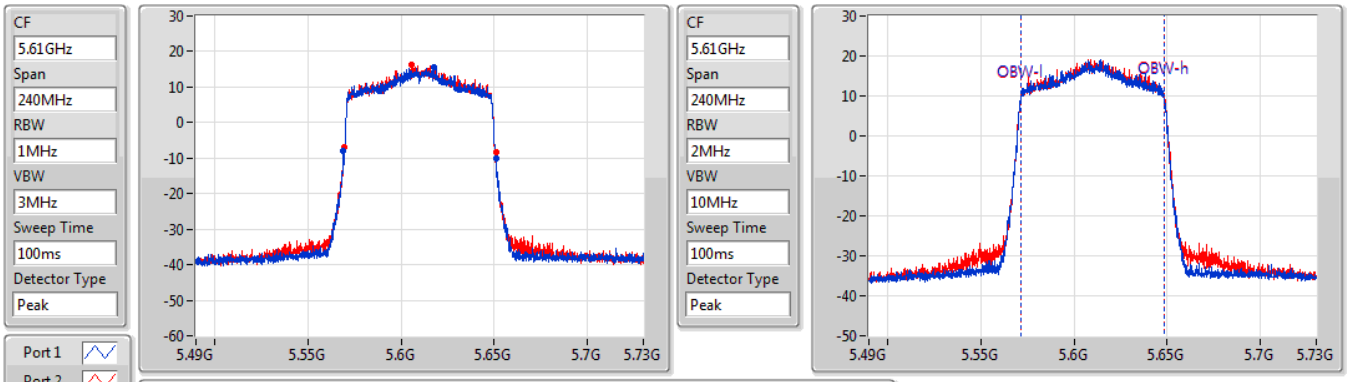


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.48932G	5.57092G	76.882M	5.491619G	5.568501G	Inf	1
82.08M	5.48896G	5.57104G	76.882M	5.491619G	5.568501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

14/07/2022

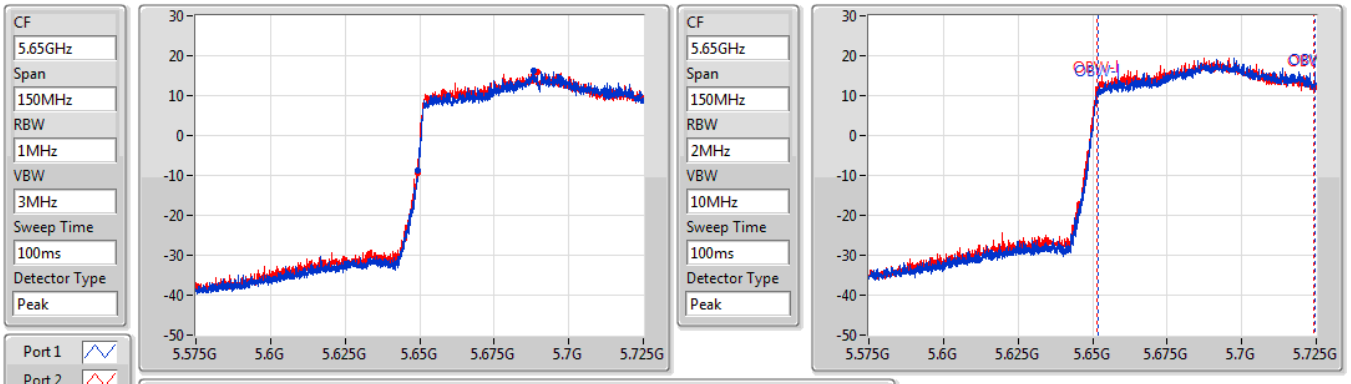


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.56908G	5.65092G	76.642M	5.571619G	5.648261G	Inf	1
81.24M	5.56956G	5.6508G	76.402M	5.571859G	5.648261G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

14/07/2022

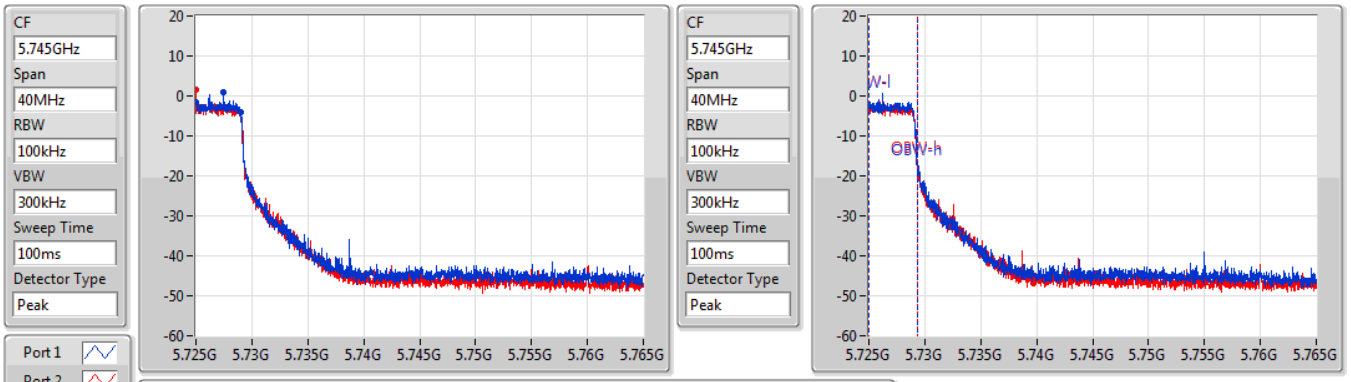


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.525M	5.649475G	5.725G	72.714M	5.651724G	5.724438G	Inf	1
75.825M	5.649175G	5.725G	72.939M	5.651349G	5.724288G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

14/07/2022

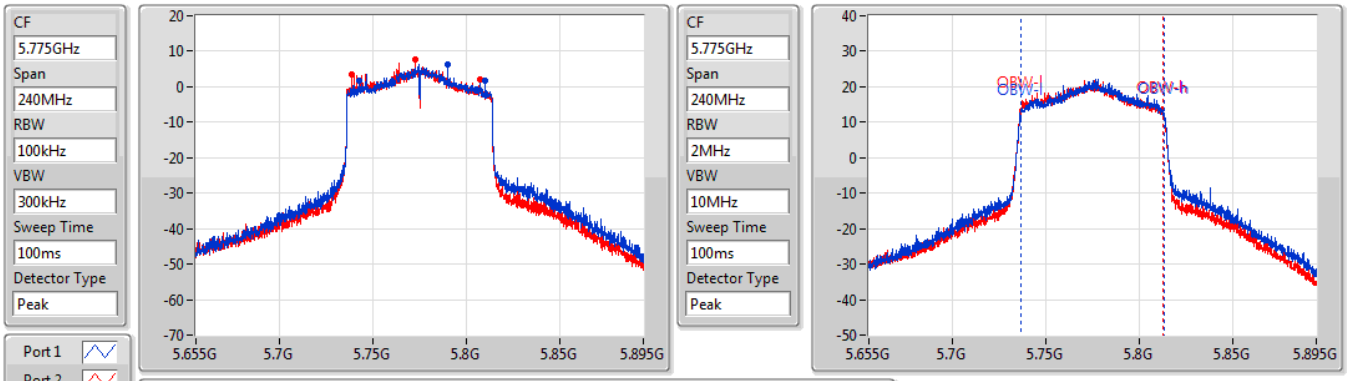


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.04M	5.725G	5.72904G	4.338M	5.72503G	5.729368G	500k	1
4M	5.725G	5.729G	4.318M	5.72501G	5.729328G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

14/07/2022

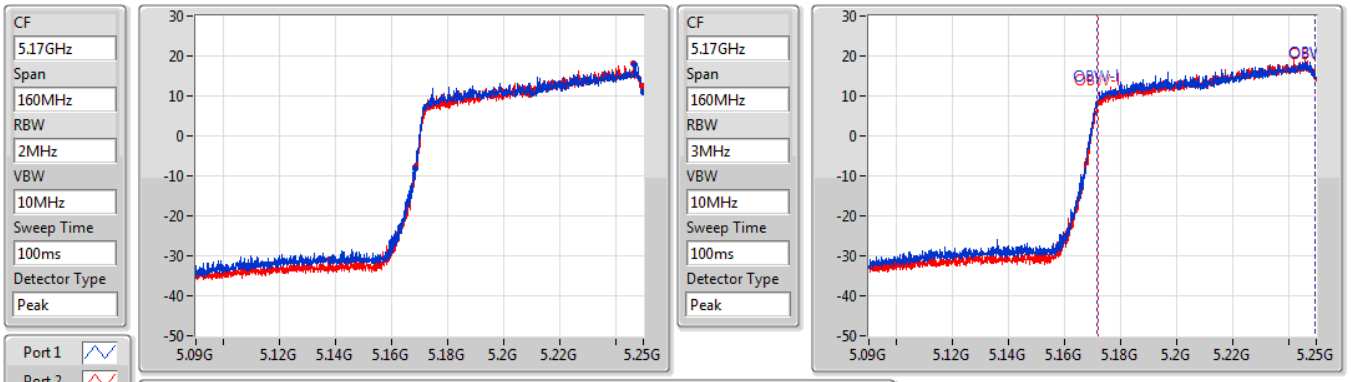


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
67.44M	5.74248G	5.80992G	76.882M	5.736499G	5.813381G	500k	1
68.76M	5.73876G	5.80752G	76.642M	5.736379G	5.813021G	500k	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.15-5.25GHz

14/07/2022

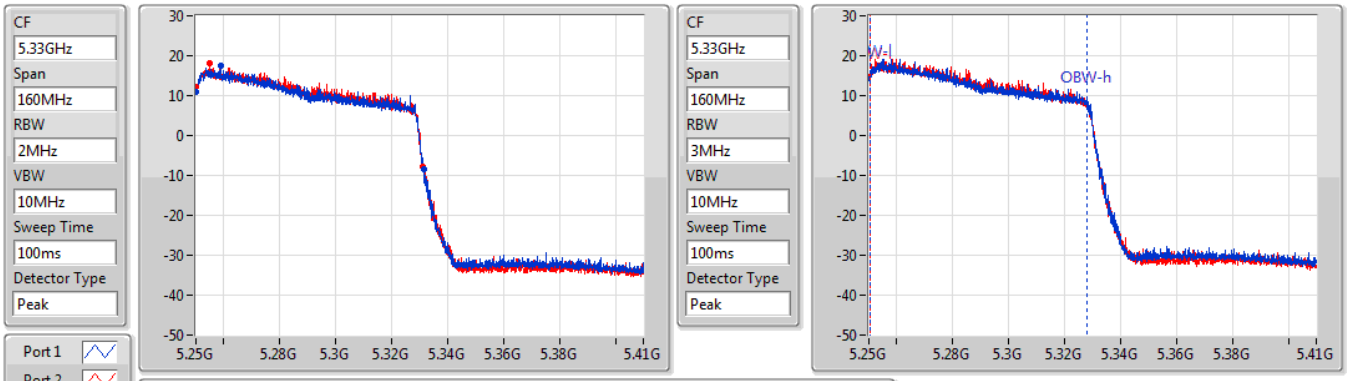


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.68M	5.16832G	5.25G	77.881M	5.171759G	5.24964G	Inf	1
81.52M	5.16848G	5.25G	77.481M	5.172159G	5.24964G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.25-5.35GHz

14/07/2022

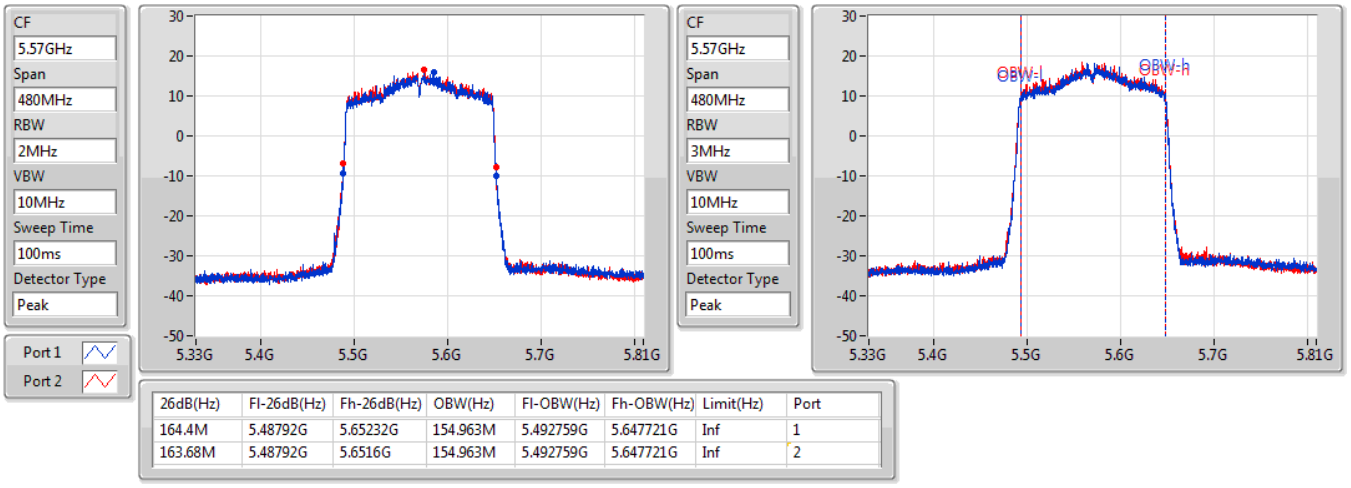


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.25G	5.33136G	77.801M	5.25036G	5.328161G	Inf	1
81.28M	5.25G	5.33128G	77.481M	5.25036G	5.327841G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX **EBW**

5570MHz

14/07/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	5.48792G	5.65232G	154.963M	5.492759G	5.647721G	Inf	1
163.68M	5.48792G	5.6516G	154.963M	5.492759G	5.647721G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.81	0.38107	31.31	1.35207
802.11ax HEW20_Nss1,(MCS0)_2TX	25.92	0.39084	31.42	1.38676
802.11ax HEW40_Nss1,(MCS0)_2TX	26.20	0.41687	31.70	1.47911
802.11ax HEW80_Nss1,(MCS0)_2TX	23.60	0.22909	29.10	0.81283
802.11ax HEW160_Nss1,(MCS0)_2TX	21.58	0.14388	27.08	0.51050
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.28	0.10666	25.78	0.37844
802.11ax HEW20_Nss1,(MCS0)_2TX	20.35	0.10839	25.85	0.38459
802.11ax HEW40_Nss1,(MCS0)_2TX	23.31	0.21429	28.81	0.76033
802.11ax HEW80_Nss1,(MCS0)_2TX	23.66	0.23227	29.16	0.82414
802.11ax HEW160_Nss1,(MCS0)_2TX	21.20	0.13183	26.70	0.46774
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.90	0.09772	25.40	0.34674
802.11ax HEW20_Nss1,(MCS0)_2TX	20.51	0.11246	26.01	0.39902
802.11ax HEW40_Nss1,(MCS0)_2TX	23.24	0.21086	28.74	0.74817
802.11ax HEW80_Nss1,(MCS0)_2TX	23.92	0.24660	29.42	0.87498
802.11ax HEW160_Nss1,(MCS0)_2TX	23.80	0.23988	29.30	0.85114
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.31	0.42756	31.81	1.51705
802.11ax HEW20_Nss1,(MCS0)_2TX	27.21	0.52602	32.71	1.86638
802.11ax HEW40_Nss1,(MCS0)_2TX	26.86	0.48529	32.36	1.72187
802.11ax HEW80_Nss1,(MCS0)_2TX	26.02	0.39994	31.52	1.41906

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	5.50	22.20	21.55	24.90	30.00	30.40	36.00
5200MHz	Pass	5.50	20.94	21.34	24.15	30.00	29.65	36.00
5240MHz	Pass	5.50	22.69	22.90	25.81	30.00	31.31	36.00
5260MHz	Pass	5.50	16.71	16.69	19.71	23.79	25.21	29.79
5300MHz	Pass	5.50	17.27	17.27	20.28	23.89	25.78	29.89
5320MHz	Pass	5.50	16.73	16.44	19.60	23.90	25.10	29.90
5500MHz	Pass	5.50	16.72	16.40	19.57	23.90	25.07	29.90
5580MHz	Pass	5.50	16.38	16.59	19.50	23.90	25.00	29.90
5700MHz	Pass	5.50	16.82	16.95	19.90	23.79	25.40	29.79
5720MHz Straddle 5.47-5.725GHz	Pass	5.50	16.66	16.94	19.81	22.59	25.31	28.59
5720MHz Straddle 5.725-5.85GHz	Pass	5.50	7.96	8.14	11.06	30.00	16.56	36.00
5745MHz	Pass	5.50	22.59	22.74	25.68	30.00	31.18	36.00
5785MHz	Pass	5.50	23.01	22.89	25.96	30.00	31.46	36.00
5825MHz	Pass	5.50	23.47	23.12	26.31	30.00	31.81	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	22.09	21.43	24.78	30.00	30.28	36.00
5200MHz	Pass	5.50	20.67	21.18	23.94	30.00	29.44	36.00
5240MHz	Pass	5.50	22.81	23.01	25.92	30.00	31.42	36.00
5260MHz	Pass	5.50	17.36	17.19	20.29	23.98	25.79	30.00
5300MHz	Pass	5.50	17.44	17.04	20.25	23.98	25.75	30.00
5320MHz	Pass	5.50	17.69	16.95	20.35	23.98	25.85	30.00
5500MHz	Pass	5.50	17.26	17.03	20.16	23.98	25.66	30.00
5580MHz	Pass	5.50	17.51	17.42	20.48	23.98	25.98	30.00
5700MHz	Pass	5.50	17.46	17.54	20.51	23.98	26.01	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.50	16.47	16.36	19.43	22.83	24.93	28.83
5720MHz Straddle 5.725-5.85GHz	Pass	5.50	10.42	9.93	13.19	30.00	18.69	36.00
5745MHz	Pass	5.50	24.23	24.16	27.21	30.00	32.71	36.00
5785MHz	Pass	5.50	22.59	22.32	25.47	30.00	30.97	36.00
5825MHz	Pass	5.50	23.43	23.13	26.29	30.00	31.79	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	20.75	20.57	23.67	30.00	29.17	36.00
5230MHz	Pass	5.50	22.92	23.45	26.20	30.00	31.70	36.00
5270MHz	Pass	5.50	20.42	20.06	23.25	23.98	28.75	30.00
5310MHz	Pass	5.50	20.42	20.17	23.31	23.98	28.81	30.00
5510MHz	Pass	5.50	20.19	20.08	23.15	23.98	28.65	30.00
5550MHz	Pass	5.50	20.43	20.01	23.24	23.98	28.74	30.00
5670MHz	Pass	5.50	19.75	19.82	22.80	23.98	28.30	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.50	19.81	20.25	23.05	23.98	28.55	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.50	9.66	9.52	12.60	30.00	18.10	36.00
5755MHz	Pass	5.50	23.84	23.86	26.86	30.00	32.36	36.00
5795MHz	Pass	5.50	23.21	22.78	26.01	30.00	31.51	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	20.37	20.79	23.60	30.00	29.10	36.00
5290MHz	Pass	5.50	20.83	20.47	23.66	23.98	29.16	30.00
5530MHz	Pass	5.50	21.07	20.74	23.92	23.98	29.42	30.00
5610MHz	Pass	5.50	20.45	20.79	23.63	23.98	29.13	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.50	20.72	20.99	23.87	23.98	29.37	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.50	6.61	5.98	9.32	30.00	14.82	36.00
5775MHz	Pass	5.50	23.17	22.85	26.02	30.00	31.52	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.50	18.62	18.52	21.58	30.00	27.08	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.50	18.07	18.31	21.20	23.98	26.70	30.00

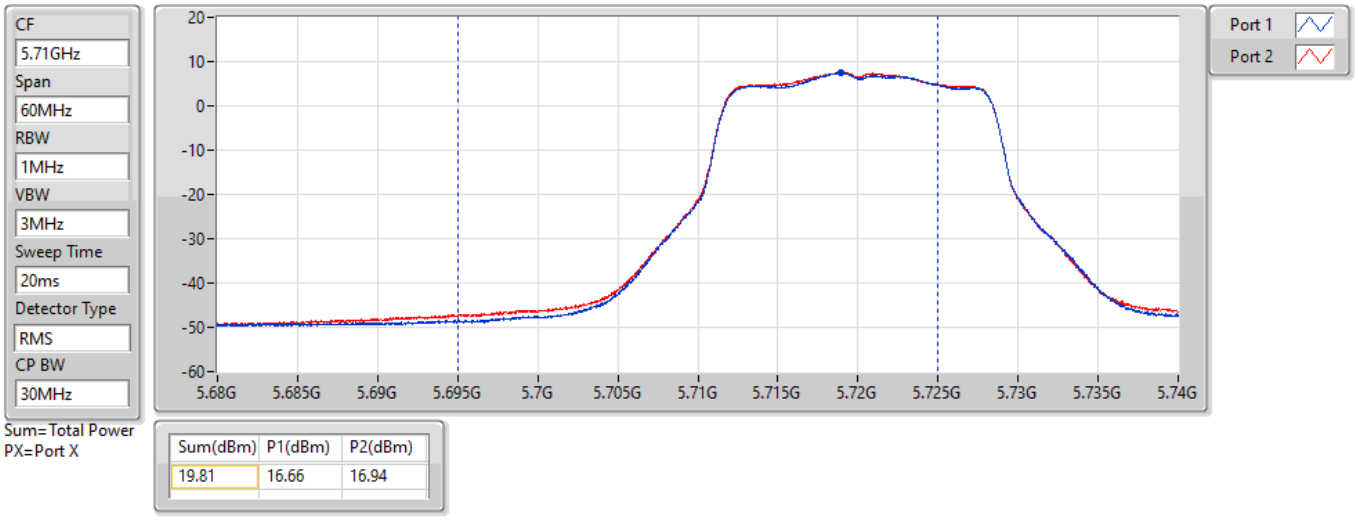
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5570MHz	Pass	5.50	20.71	20.87	23.80	23.98	29.30	30.00

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

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TX

08/07/2022

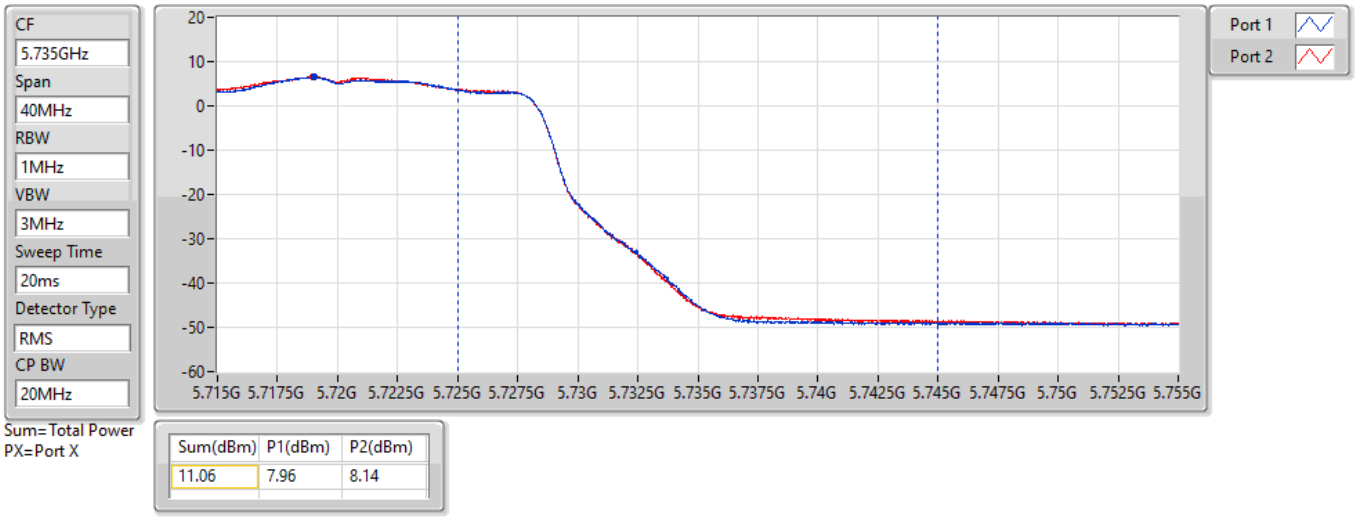


Sum(dBm)	P1(dBm)	P2(dBm)
19.81	16.66	16.94

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TX

08/07/2022

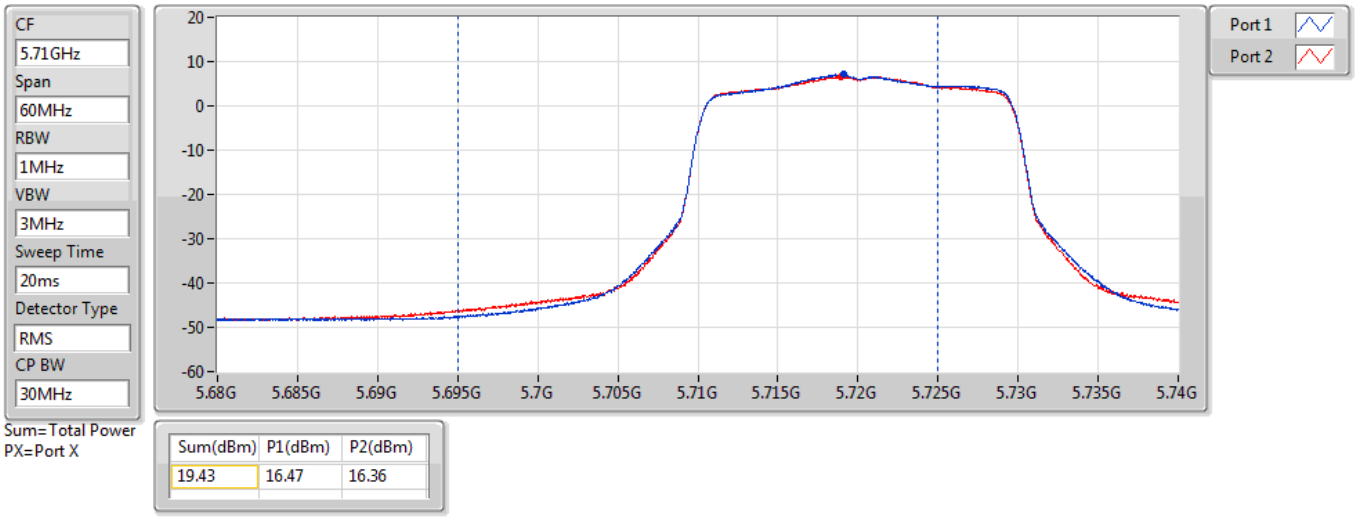


Sum(dBm)	P1(dBm)	P2(dBm)
11.06	7.96	8.14

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TX

14/07/2022

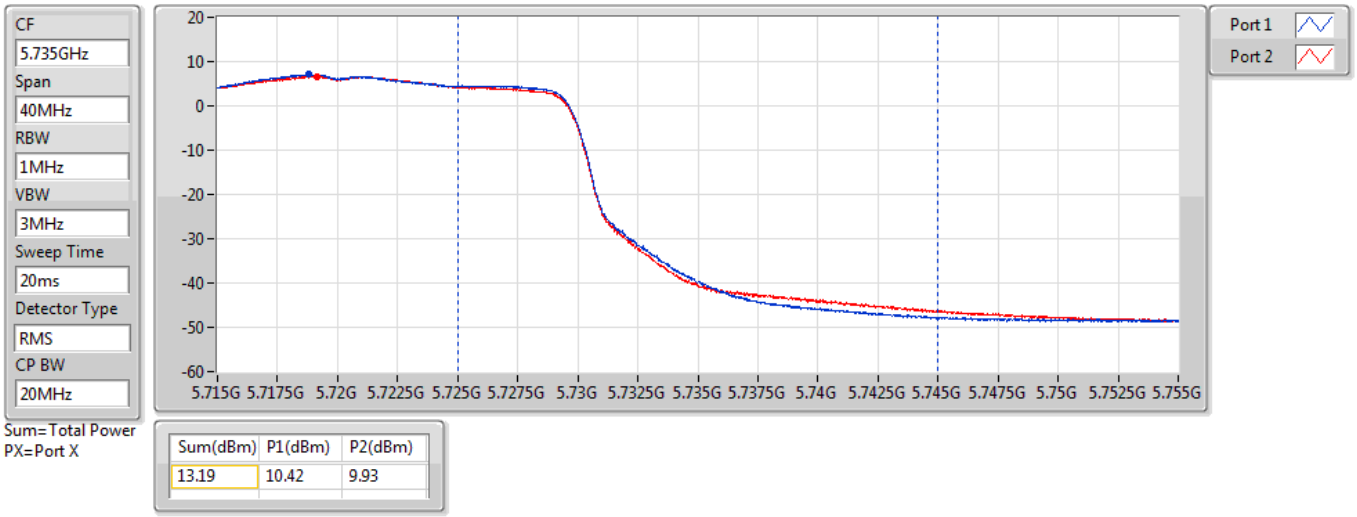


Sum(dBm)	P1(dBm)	P2(dBm)
19.43	16.47	16.36

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TX

14/07/2022

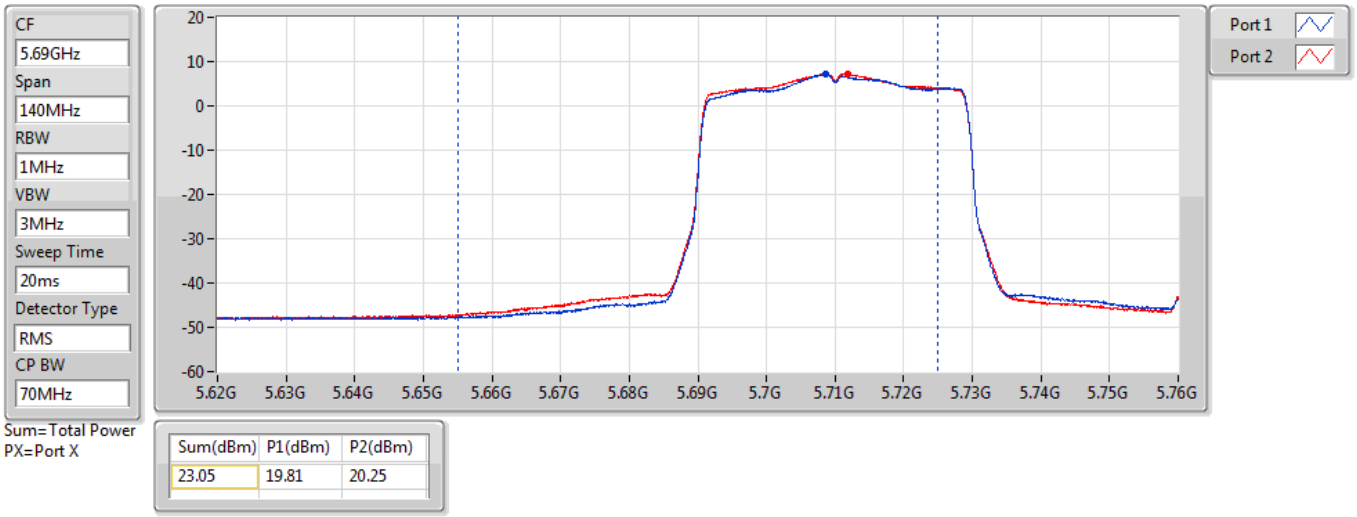


Sum(dBm)	P1(dBm)	P2(dBm)
13.19	10.42	9.93

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TX

14/07/2022

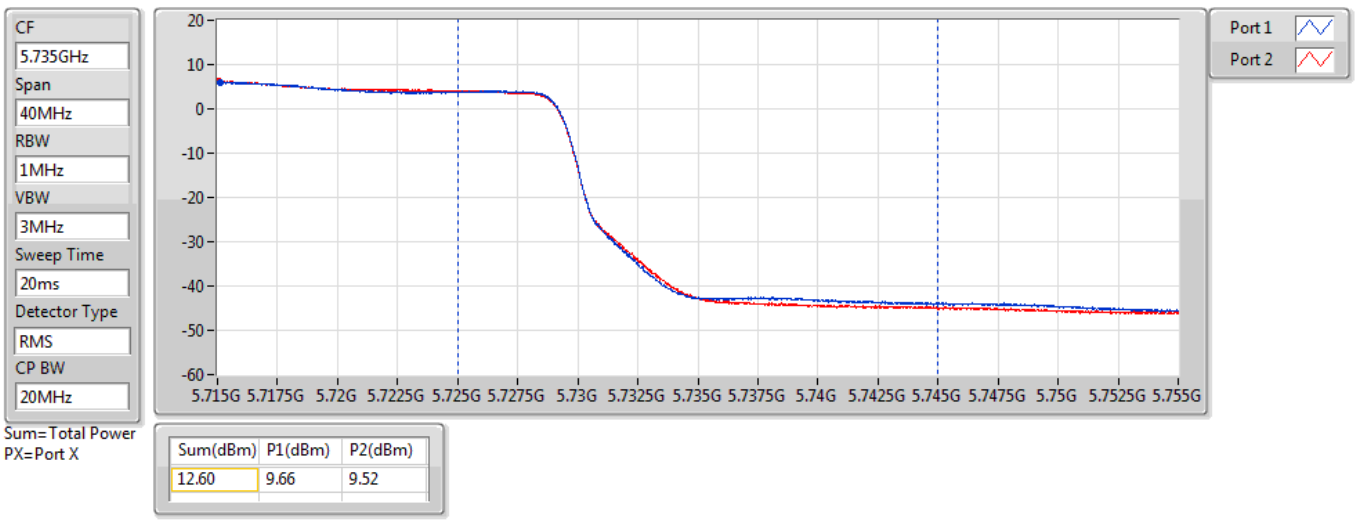


Sum(dBm)	P1(dBm)	P2(dBm)
23.05	19.81	20.25

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TX

14/07/2022

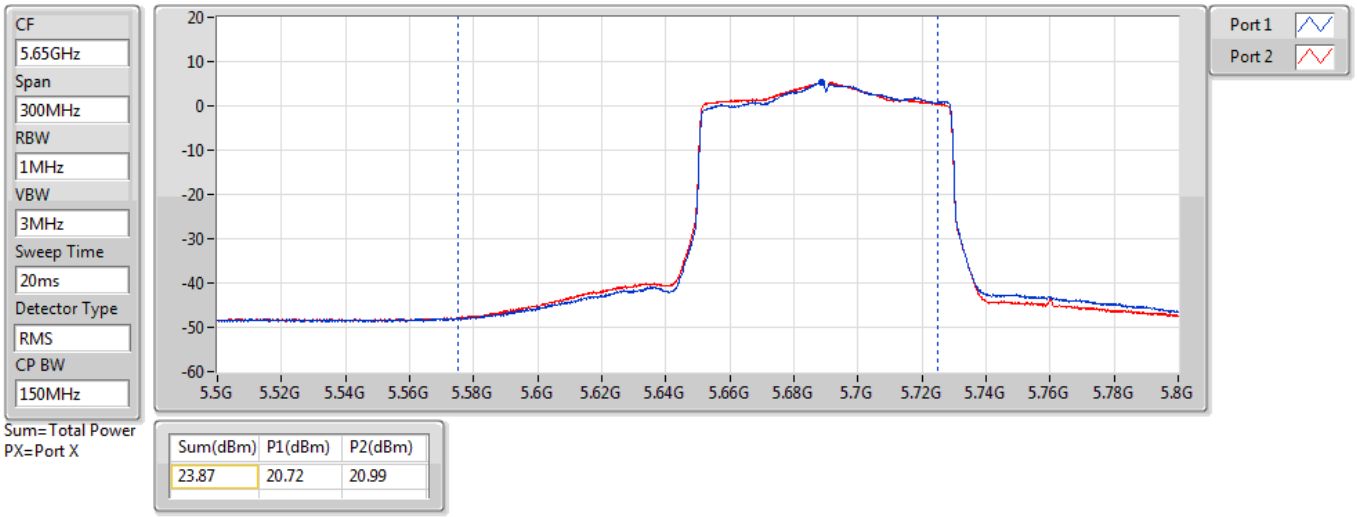


Sum(dBm)	P1(dBm)	P2(dBm)
12.60	9.66	9.52

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TX

14/07/2022

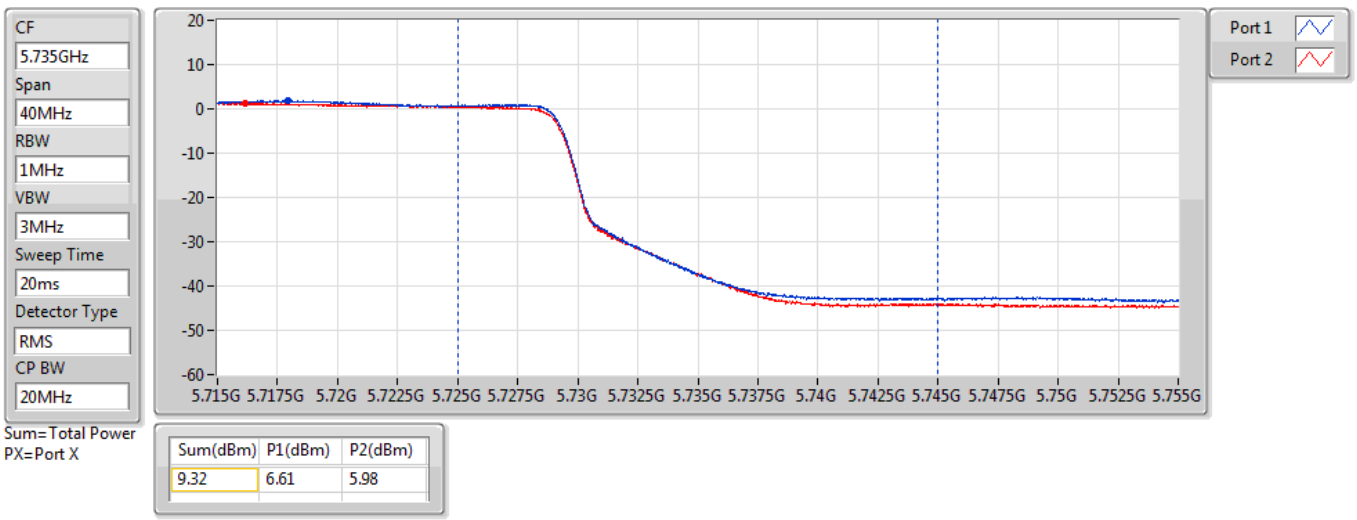


Sum(dBm)	P1(dBm)	P2(dBm)
23.87	20.72	20.99

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TX

14/07/2022

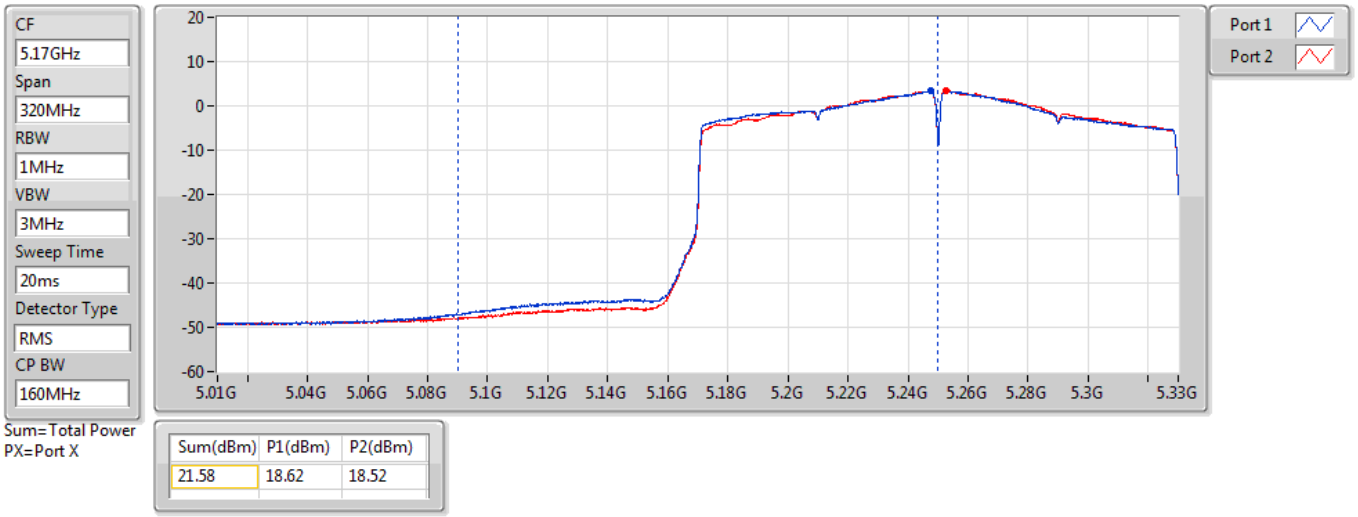


Sum(dBm)	P1(dBm)	P2(dBm)
9.32	6.61	5.98

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TX

14/07/2022

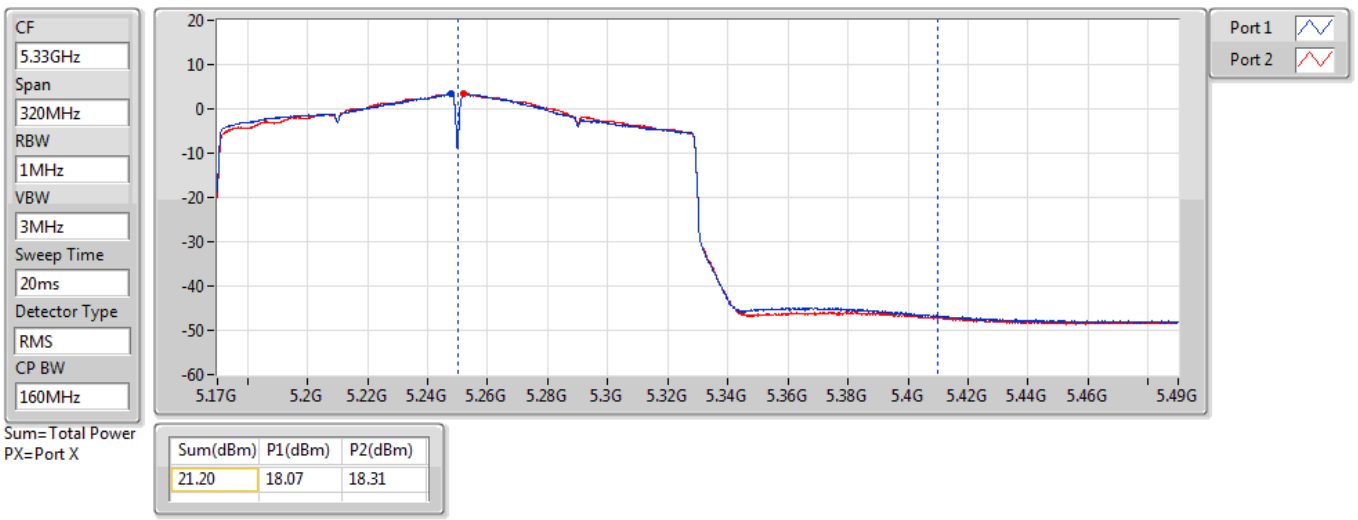


Sum(dBm)	P1(dBm)	P2(dBm)
21.58	18.62	18.52

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TX

14/07/2022



Sum(dBm)	P1(dBm)	P2(dBm)
21.20	18.07	18.31

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.84	0.38371	34.01	2.51768
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.09	0.40644	34.26	2.66686
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.55	0.22646	31.72	1.48594
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	21.36	0.13677	29.53	0.89743
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.29	0.10691	28.46	0.70146
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.29	0.13459	29.46	0.88308
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.10	0.12882	29.27	0.84528
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	20.60	0.11482	28.77	0.75336
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.45	0.11092	28.62	0.72778
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.31	0.13521	29.48	0.88716
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.26	0.13366	29.43	0.87700
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	21.24	0.13305	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.16	0.52000	35.33	3.41193
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.80	0.47863	34.97	3.14051
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	25.92	0.39084	34.09	2.56448

Result

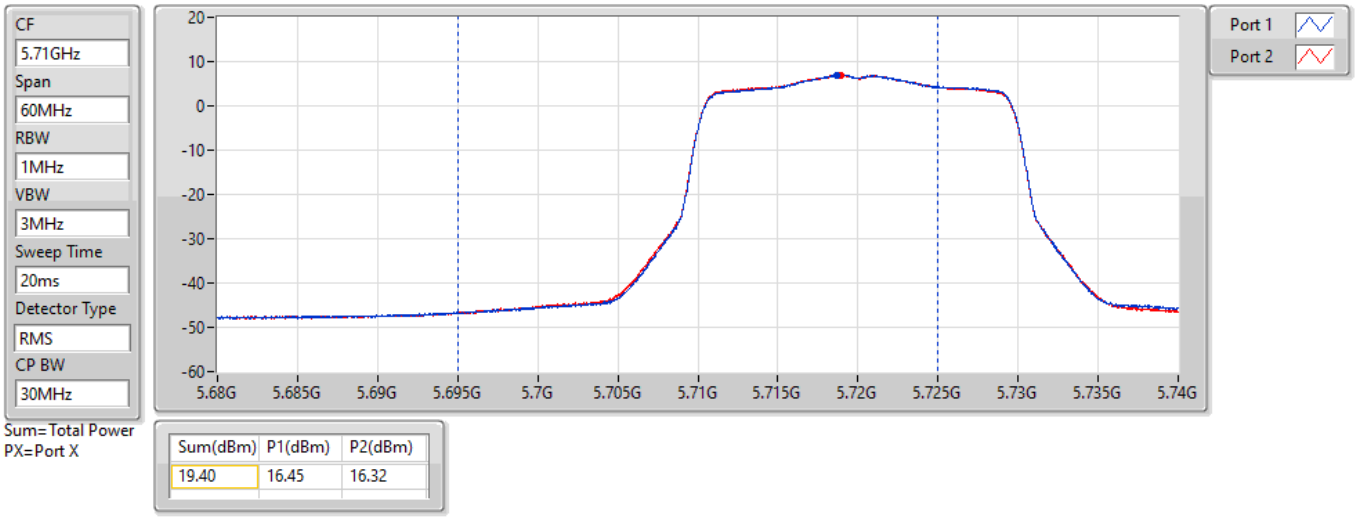
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.17	21.98	21.32	24.67	27.83	32.84	36.00
5200MHz	Pass	8.17	20.57	21.08	23.84	27.83	32.01	36.00
5240MHz	Pass	8.17	22.73	22.93	25.84	27.83	34.01	36.00
5260MHz	Pass	8.17	17.35	17.18	20.28	21.81	28.45	30.00
5300MHz	Pass	8.17	17.43	17.03	20.24	21.81	28.41	30.00
5320MHz	Pass	8.17	17.63	16.89	20.29	21.81	28.46	30.00
5500MHz	Pass	8.17	17.21	16.98	20.11	21.81	28.28	30.00
5580MHz	Pass	8.17	17.48	17.39	20.45	21.81	28.62	30.00
5700MHz	Pass	8.17	17.35	17.43	20.40	21.81	28.57	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	16.45	16.32	19.40	21.81	27.57	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	10.12	9.91	13.03	27.83	21.20	36.00
5745MHz	Pass	8.17	24.18	24.11	27.16	27.83	35.33	36.00
5785MHz	Pass	8.17	22.53	22.26	25.41	27.83	33.58	36.00
5825MHz	Pass	8.17	23.40	23.10	26.26	27.83	34.43	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.17	20.65	20.47	23.57	27.83	31.74	36.00
5230MHz	Pass	8.17	22.81	23.34	26.09	27.83	34.26	36.00
5270MHz	Pass	8.17	18.23	18.32	21.29	21.81	29.46	30.00
5310MHz	Pass	8.17	18.21	18.05	21.14	21.81	29.31	30.00
5510MHz	Pass	8.17	18.07	18.12	21.11	21.81	29.28	30.00
5550MHz	Pass	8.17	18.31	18.22	21.28	21.81	29.45	30.00
5670MHz	Pass	8.17	18.25	18.34	21.31	21.81	29.48	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.17	17.89	18.37	21.15	21.81	29.32	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.17	7.11	7.08	10.11	27.83	18.28	36.00
5755MHz	Pass	8.17	23.78	23.80	26.80	27.83	34.97	36.00
5795MHz	Pass	8.17	23.17	22.74	25.97	27.83	34.14	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.17	20.32	20.74	23.55	27.83	31.72	36.00
5290MHz	Pass	8.17	17.92	18.25	21.10	21.81	29.27	30.00
5530MHz	Pass	8.17	18.03	18.36	21.21	21.81	29.38	30.00
5610MHz	Pass	8.17	18.21	18.11	21.17	21.81	29.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.17	17.88	18.59	21.26	21.81	29.43	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.17	3.14	2.90	6.03	27.83	14.20	36.00
5775MHz	Pass	8.17	23.07	22.75	25.92	27.83	34.09	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.17	18.48	18.21	21.36	27.83	29.53	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.17	17.54	17.64	20.60	21.81	28.77	30.00
5570MHz	Pass	8.17	18.32	18.14	21.24	21.81	29.41	30.00

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TX

18/08/2022

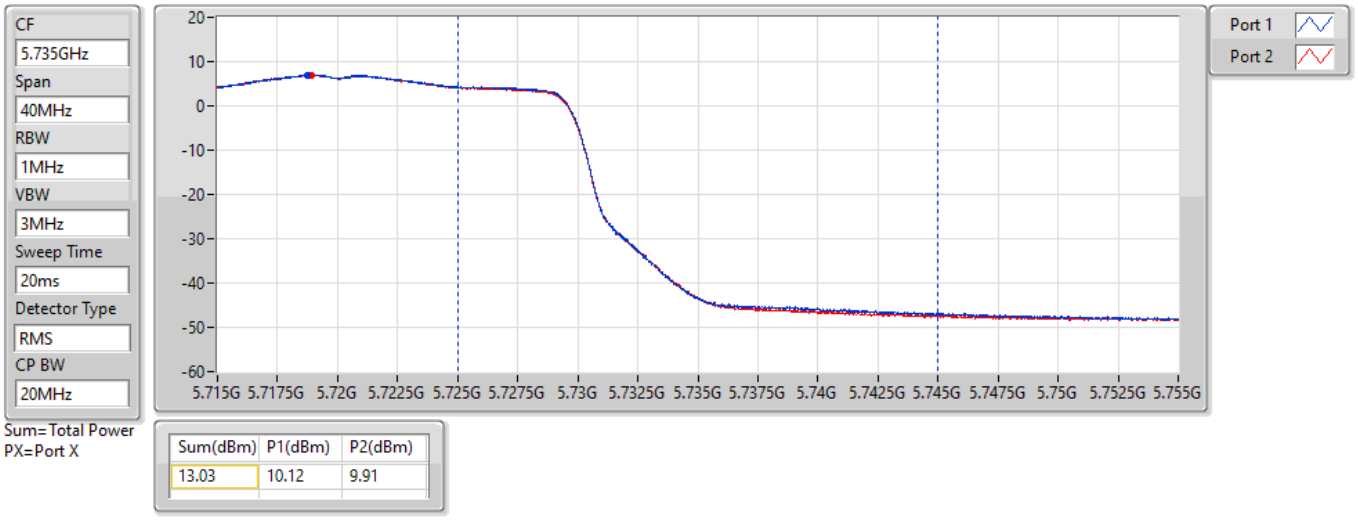


Sum(dBm)	P1(dBm)	P2(dBm)
19.40	16.45	16.32

802.11ax HEW20-BF_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TX

18/08/2022

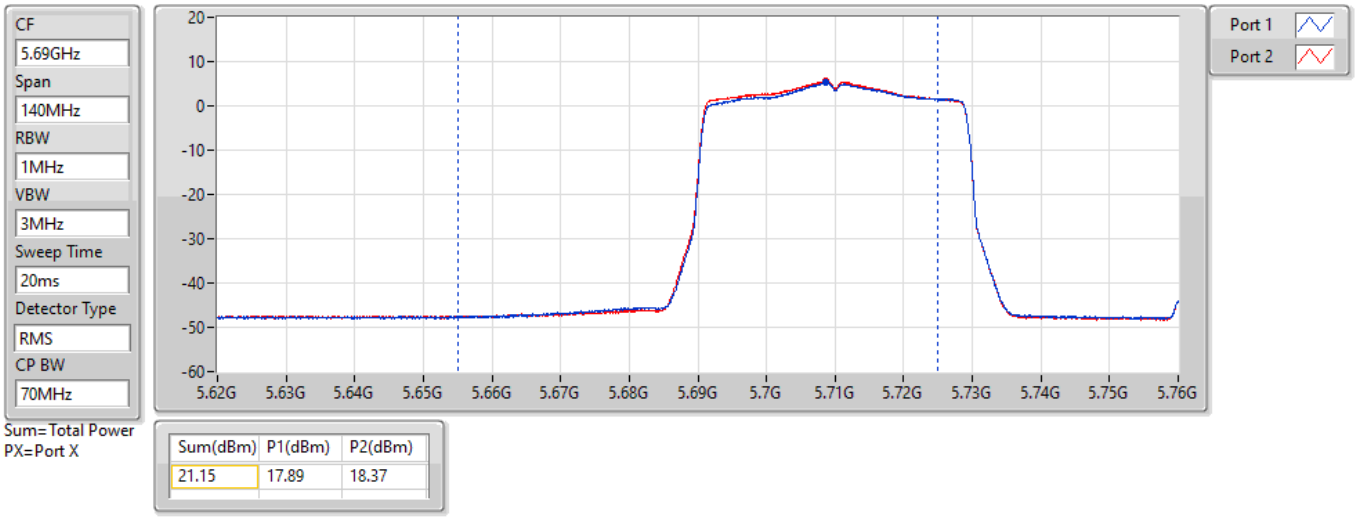


Sum(dBm)	P1(dBm)	P2(dBm)
13.03	10.12	9.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TX

18/08/2022

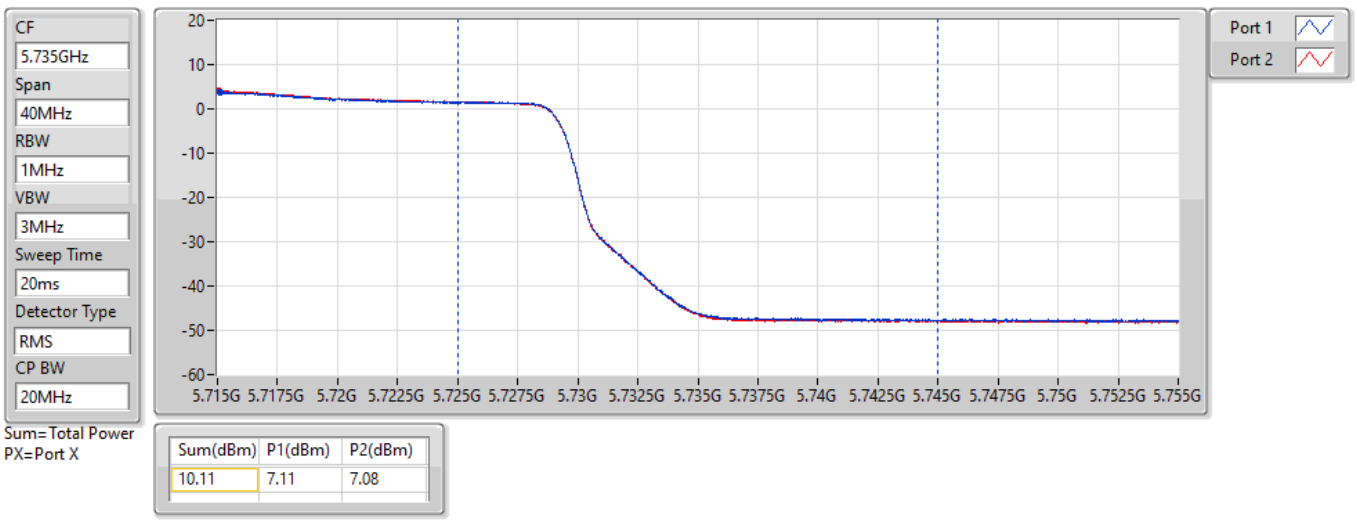


Sum(dBm)	P1(dBm)	P2(dBm)
21.15	17.89	18.37

802.11ax HEW40-BF_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TX

18/08/2022

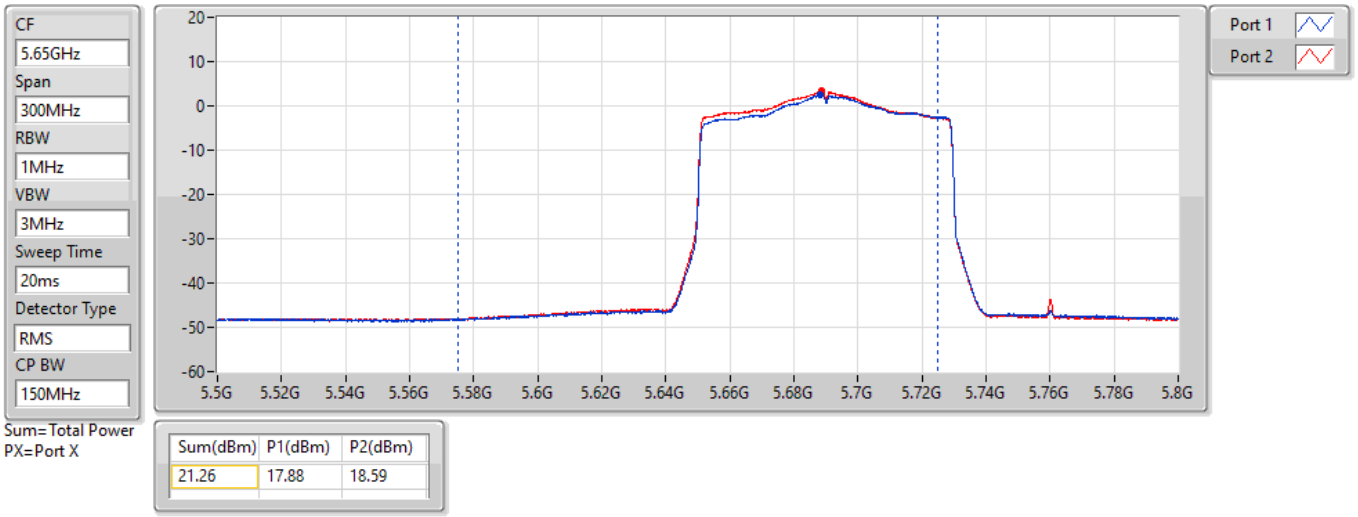


Sum(dBm)	P1(dBm)	P2(dBm)
10.11	7.11	7.08

802.11ax HEW80-BF_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TX

18/08/2022

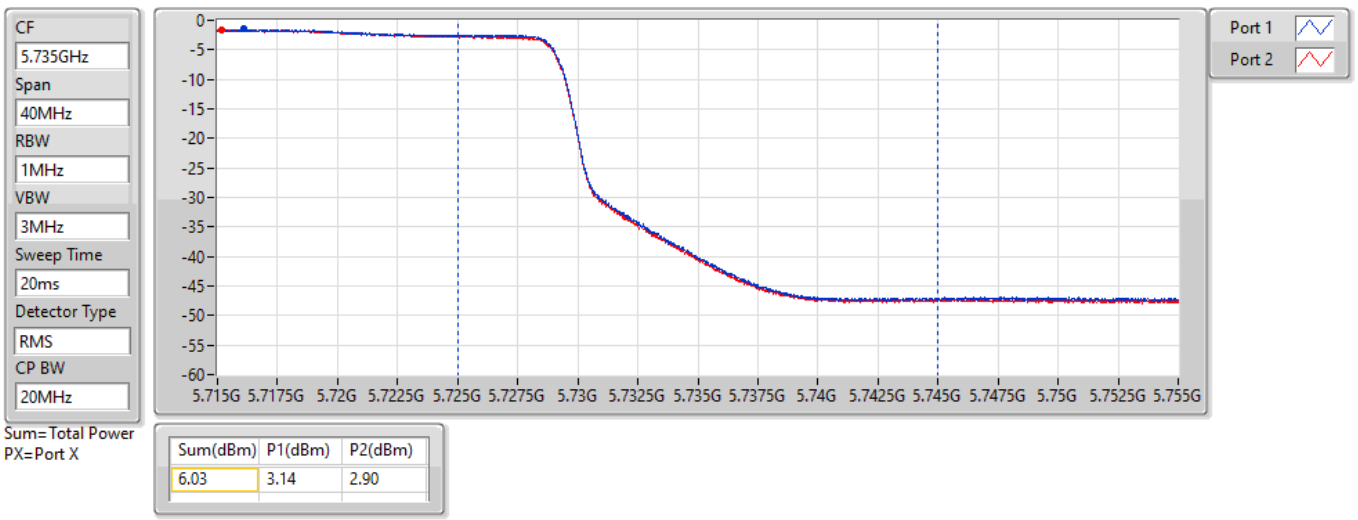


Sum(dBm)	P1(dBm)	P2(dBm)
21.26	17.88	18.59

802.11ax HEW80-BF_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TX

18/08/2022

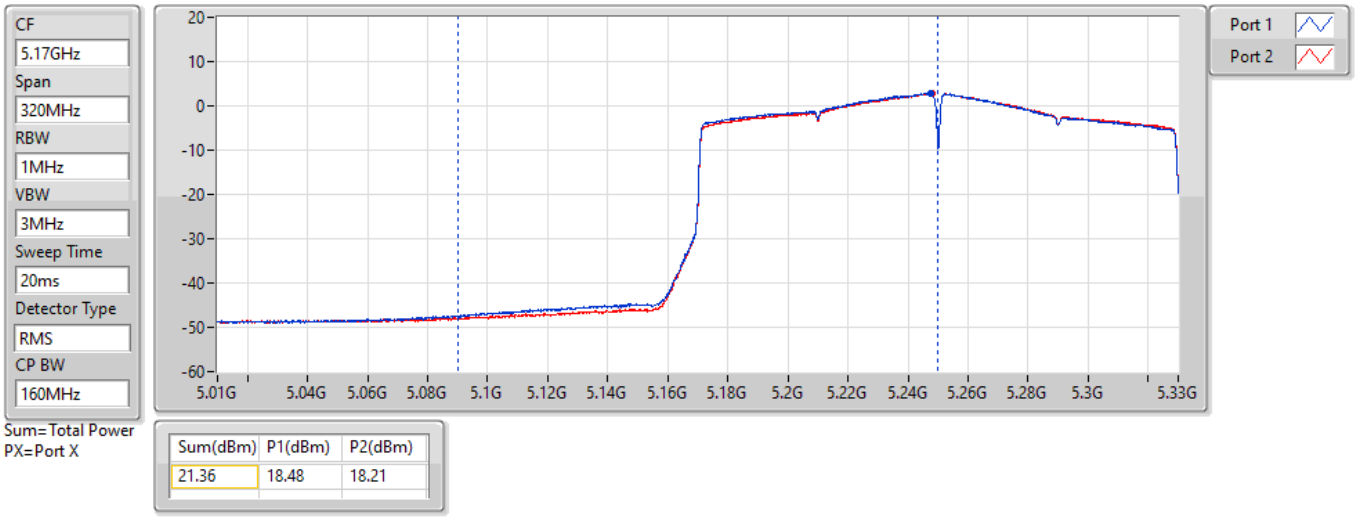


Sum(dBm)	P1(dBm)	P2(dBm)
6.03	3.14	2.90

802.11ax HEW160-BF_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TX

18/08/2022

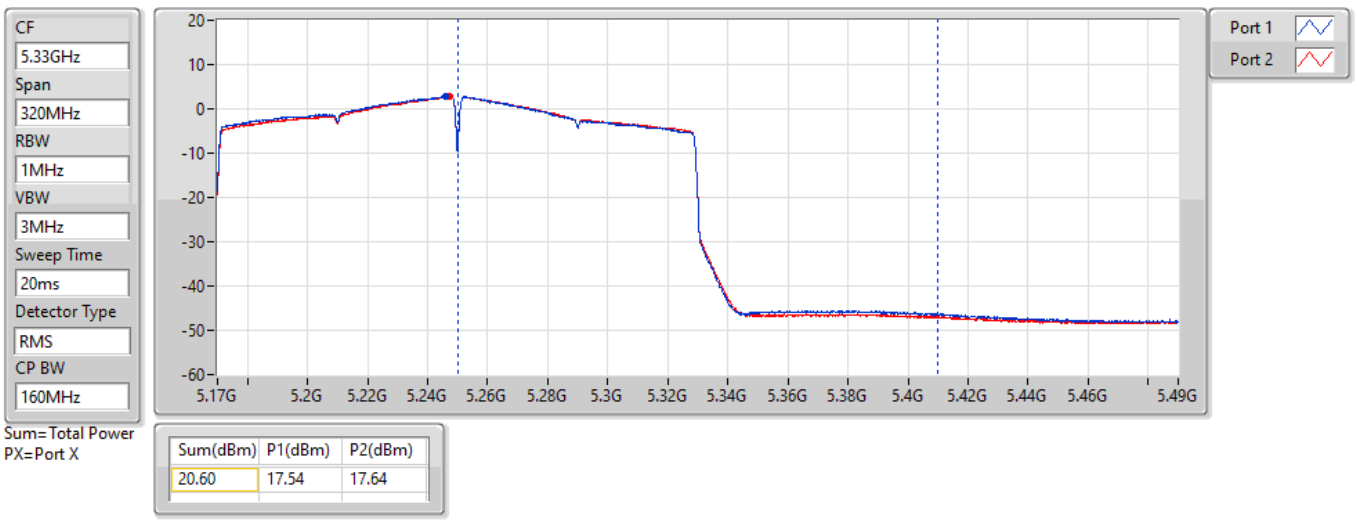


Sum(dBm)	P1(dBm)	P2(dBm)
21.36	18.48	18.21

802.11ax HEW160-BF_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TX

18/08/2022



Sum(dBm)	P1(dBm)	P2(dBm)
20.60	17.54	17.64

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.49	22.66
802.11ax HEW20_Nss1,(MCS0)_2TX	14.12	22.29
802.11ax HEW40_Nss1,(MCS0)_2TX	11.60	19.77
802.11ax HEW80_Nss1,(MCS0)_2TX	6.82	14.99
802.11ax HEW160_Nss1,(MCS0)_2TX	4.75	12.92
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.78	16.95
802.11ax HEW20_Nss1,(MCS0)_2TX	8.57	16.74
802.11ax HEW40_Nss1,(MCS0)_2TX	8.79	16.96
802.11ax HEW80_Nss1,(MCS0)_2TX	6.81	14.98
802.11ax HEW160_Nss1,(MCS0)_2TX	4.82	12.99
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.51	16.68
802.11ax HEW20_Nss1,(MCS0)_2TX	8.63	16.80
802.11ax HEW40_Nss1,(MCS0)_2TX	8.75	16.92
802.11ax HEW80_Nss1,(MCS0)_2TX	6.77	14.94
802.11ax HEW160_Nss1,(MCS0)_2TX	4.00	12.17
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.40	21.57
802.11ax HEW20_Nss1,(MCS0)_2TX	14.03	22.20
802.11ax HEW40_Nss1,(MCS0)_2TX	11.12	19.29
802.11ax HEW80_Nss1,(MCS0)_2TX	8.04	16.21

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.17	10.90	10.41	13.62	14.83	21.79	23.00
5200MHz	Pass	8.17	9.73	10.30	13.03	14.83	21.20	23.00
5240MHz	Pass	8.17	11.51	11.61	14.49	14.83	22.66	23.00
5260MHz	Pass	8.17	5.34	5.18	8.25	8.83	16.42	17.00
5300MHz	Pass	8.17	5.86	5.81	8.78	8.83	16.95	17.00
5320MHz	Pass	8.17	5.30	5.10	8.15	8.83	16.32	17.00
5500MHz	Pass	8.17	5.58	5.36	8.41	8.83	16.58	17.00
5580MHz	Pass	8.17	5.42	5.69	8.37	8.83	16.54	17.00
5700MHz	Pass	8.17	5.46	5.60	8.51	8.83	16.68	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	5.10	5.24	8.18	8.83	16.35	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	0.57	0.68	3.58	27.83	11.75	36.00
5745MHz	Pass	8.17	10.14	9.97	13.01	27.83	21.18	36.00
5785MHz	Pass	8.17	10.38	10.12	13.24	27.83	21.41	36.00
5825MHz	Pass	8.17	10.69	10.14	13.40	27.83	21.57	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.17	10.09	9.62	12.82	14.83	20.99	23.00
5200MHz	Pass	8.17	8.91	9.45	12.17	14.83	20.34	23.00
5240MHz	Pass	8.17	11.07	11.16	14.12	14.83	22.29	23.00
5260MHz	Pass	8.17	5.53	5.12	8.32	8.83	16.49	17.00
5300MHz	Pass	8.17	5.68	5.27	8.36	8.83	16.53	17.00
5320MHz	Pass	8.17	6.02	5.27	8.57	8.83	16.74	17.00
5500MHz	Pass	8.17	5.47	5.27	8.35	8.83	16.52	17.00
5580MHz	Pass	8.17	5.50	5.67	8.50	8.83	16.67	17.00
5700MHz	Pass	8.17	5.55	5.79	8.63	8.83	16.80	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	5.57	5.15	8.36	8.83	16.53	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	1.47	1.18	4.26	27.83	12.43	36.00
5745MHz	Pass	8.17	11.26	10.83	14.03	27.83	22.20	36.00
5785MHz	Pass	8.17	9.84	9.02	12.43	27.83	20.60	36.00
5825MHz	Pass	8.17	10.27	9.84	13.02	27.83	21.19	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.17	6.35	6.13	9.21	14.83	17.38	23.00
5230MHz	Pass	8.17	8.42	8.84	11.60	14.83	19.77	23.00
5270MHz	Pass	8.17	6.09	5.55	8.75	8.83	16.92	17.00
5310MHz	Pass	8.17	6.04	5.72	8.79	8.83	16.96	17.00
5510MHz	Pass	8.17	5.69	5.71	8.71	8.83	16.88	17.00
5550MHz	Pass	8.17	5.86	5.65	8.75	8.83	16.92	17.00
5670MHz	Pass	8.17	5.07	5.28	8.18	8.83	16.35	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.17	5.61	5.87	8.74	8.83	16.91	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.17	0.97	1.05	3.95	27.83	12.12	36.00
5755MHz	Pass	8.17	8.33	7.97	11.12	27.83	19.29	36.00
5795MHz	Pass	8.17	7.62	6.85	10.26	27.83	18.43	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.17	3.60	4.09	6.82	14.83	14.99	23.00
5290MHz	Pass	8.17	4.08	3.57	6.81	8.83	14.98	17.00
5530MHz	Pass	8.17	3.97	3.64	6.77	8.83	14.94	17.00
5610MHz	Pass	8.17	3.51	3.91	6.66	8.83	14.83	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.17	3.77	3.76	6.77	8.83	14.94	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.17	-2.10	-2.49	0.62	27.83	8.79	36.00
5775MHz	Pass	8.17	5.39	4.77	8.04	27.83	16.21	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.17	1.85	1.68	4.75	14.83	12.92	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.17	1.79	1.95	4.82	8.83	12.99	17.00

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)
5570MHz	Pass	8.17	0.84	1.30	4.00	8.83	12.17	17.00

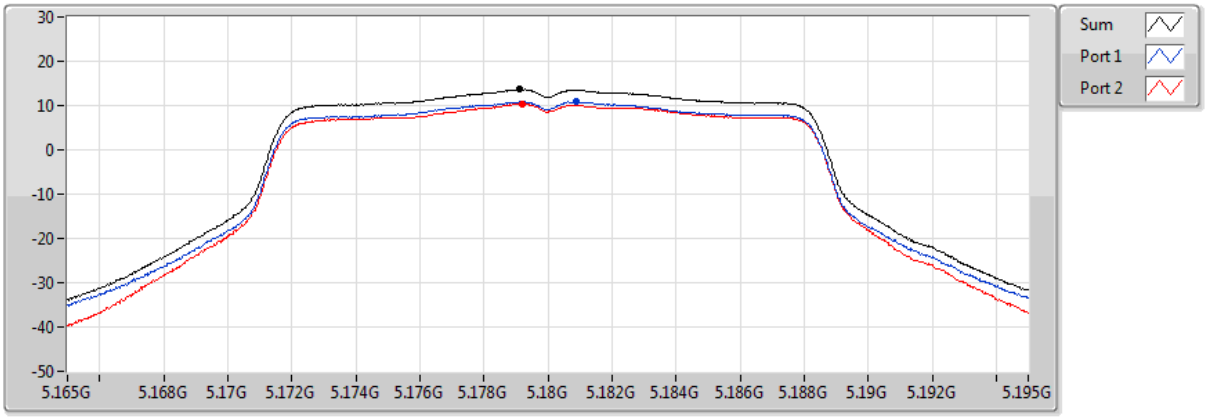
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

14/07/2022

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



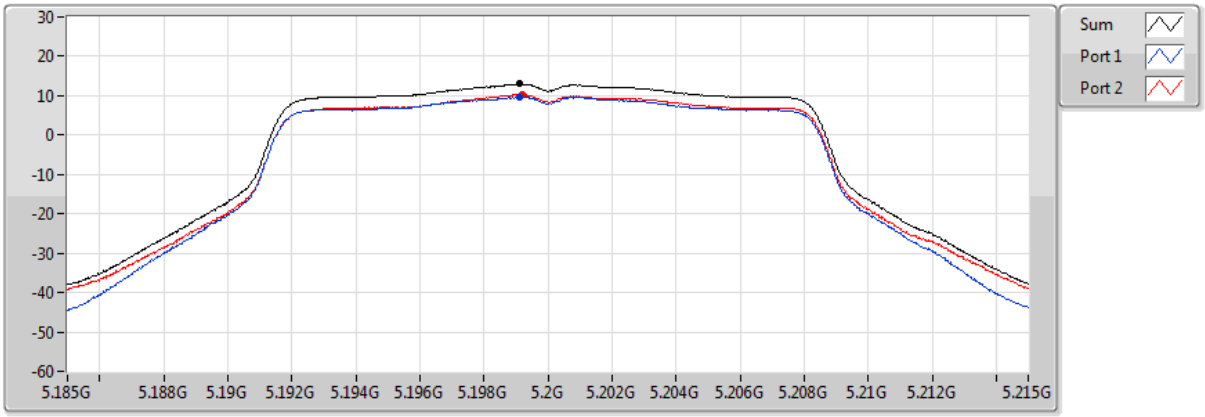
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.62	13.62	10.90	10.41

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

14/07/2022

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



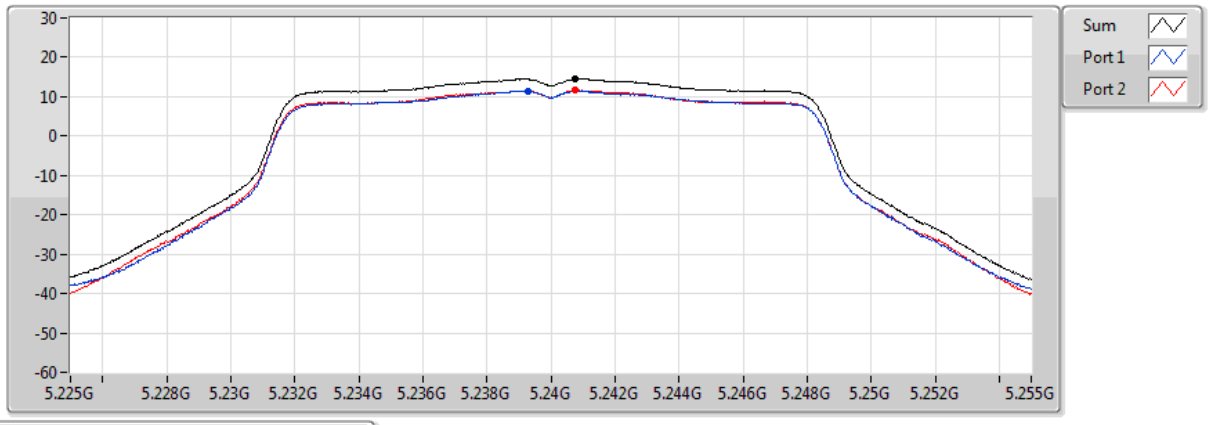
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.03	13.03	9.73	10.30

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

15/07/2022

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



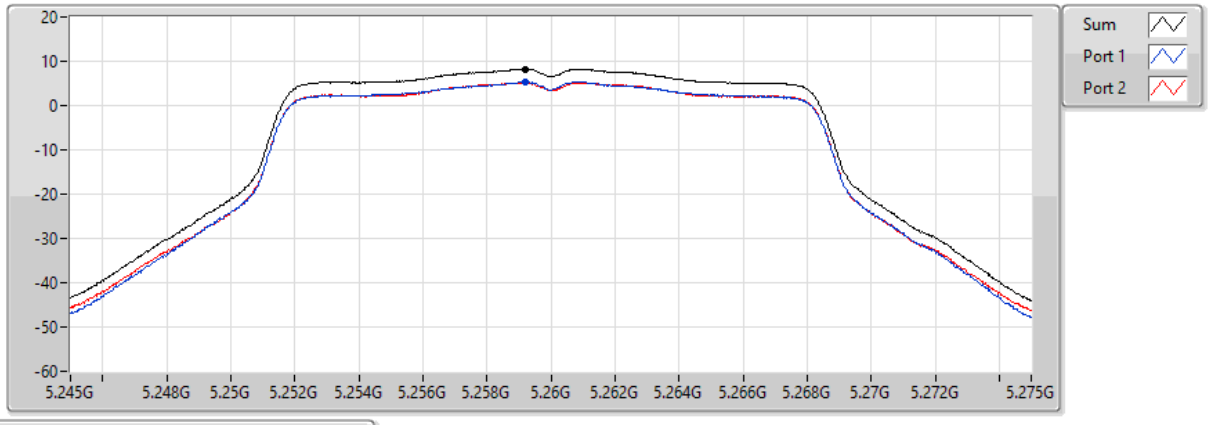
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.49	14.49	11.51	11.61

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

08/07/2022

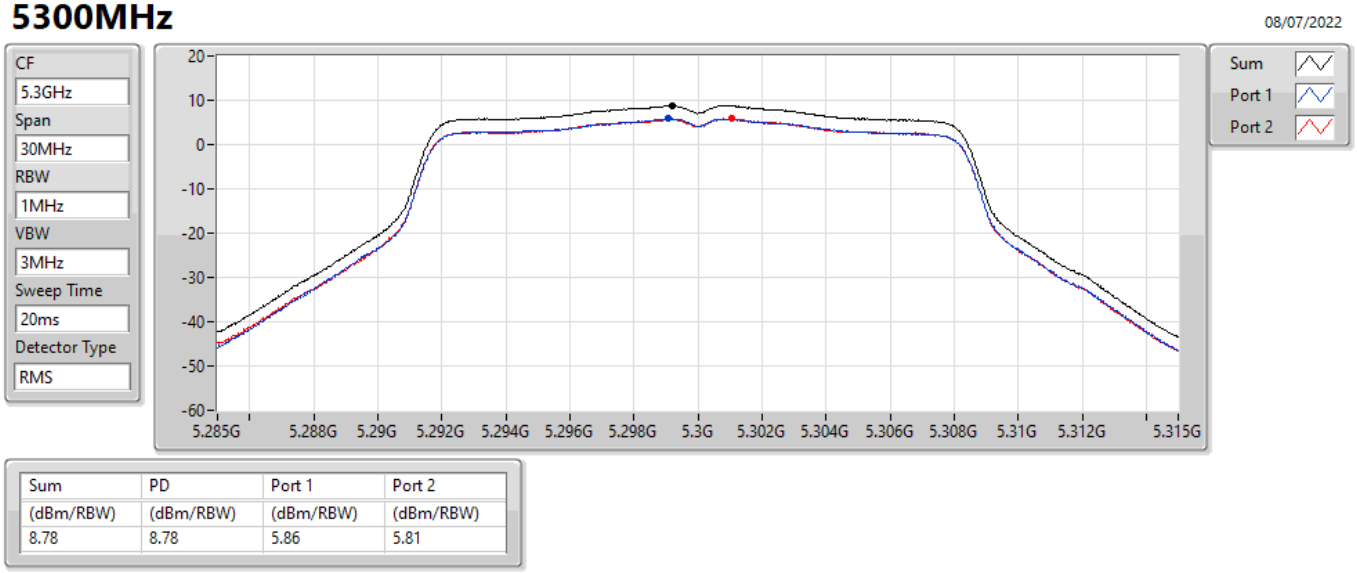
CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.34	5.18

802.11a_Nss1,(6Mbps)_2TX PSD

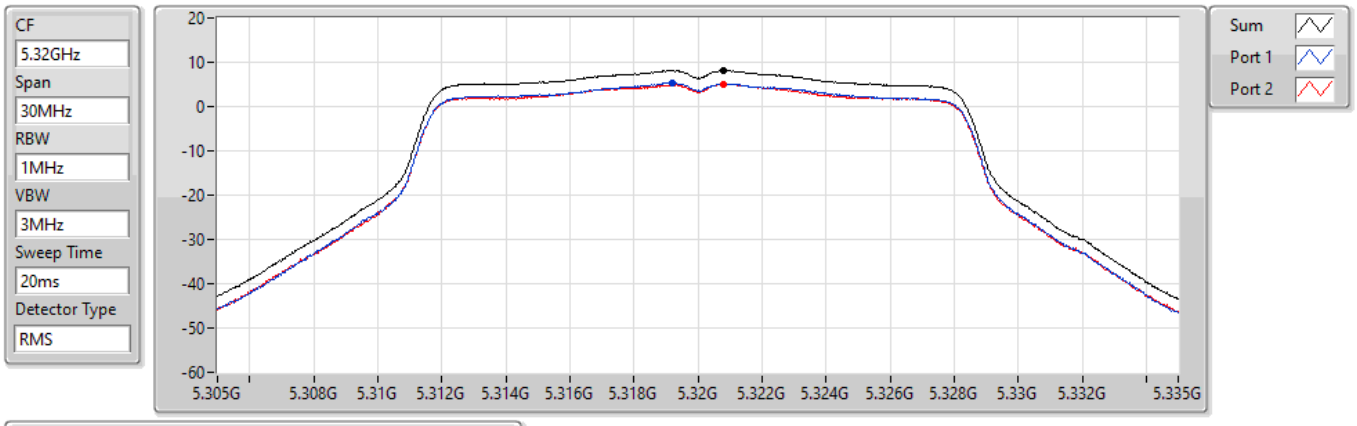
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	5.86	5.81

802.11a_Nss1,(6Mbps)_2TX PSD

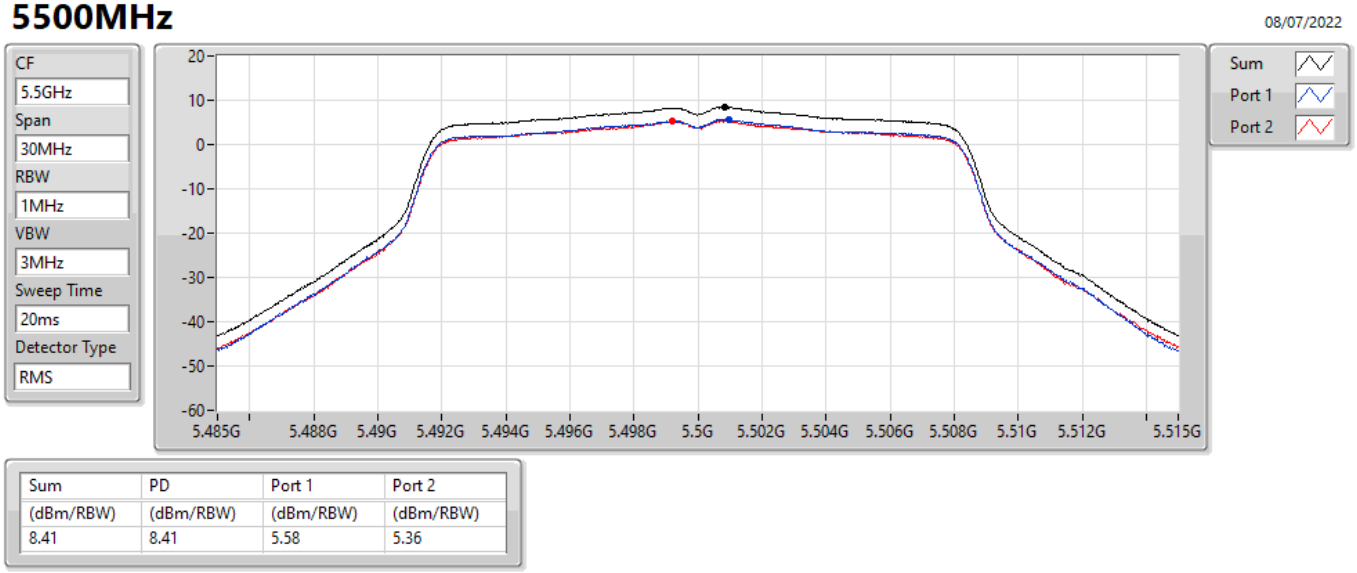
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.30	5.10

802.11a_Nss1,(6Mbps)_2TX PSD

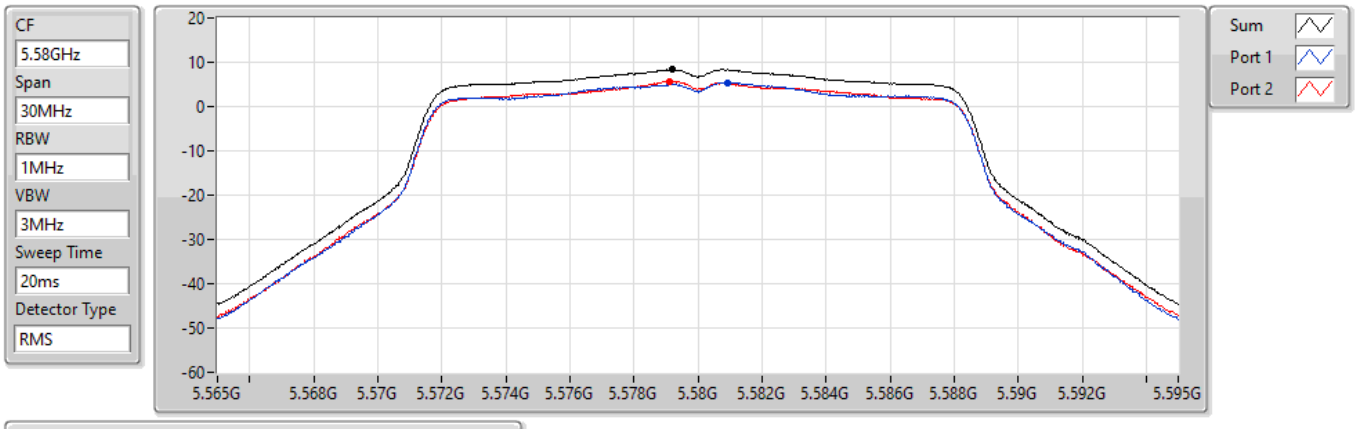
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.41	8.41	5.58	5.36

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz



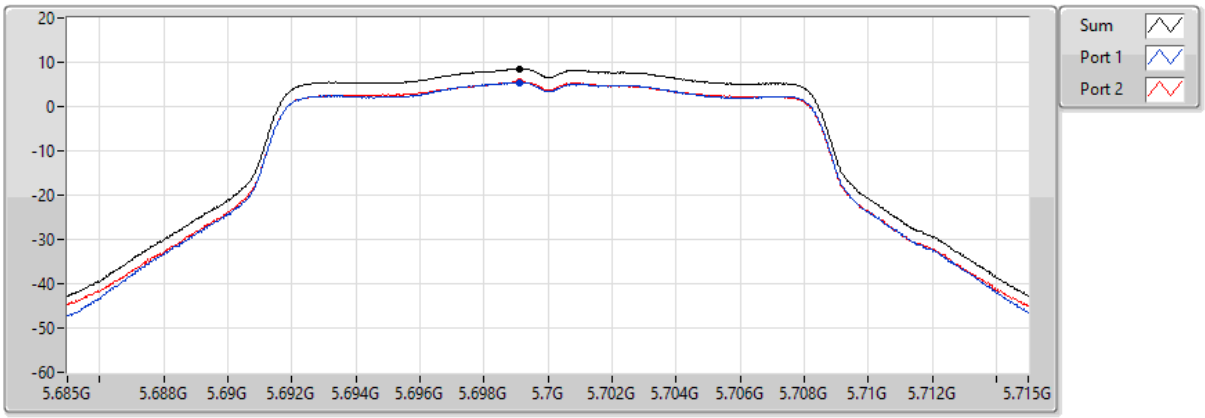
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	5.42	5.69

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

08/07/2022

CF	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



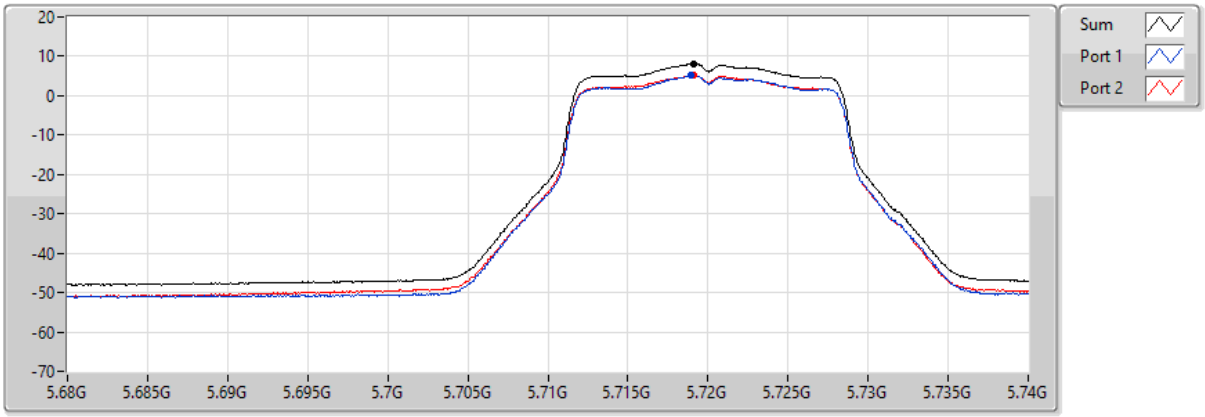
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	5.46	5.60

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

08/07/2022

CF	5.71GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

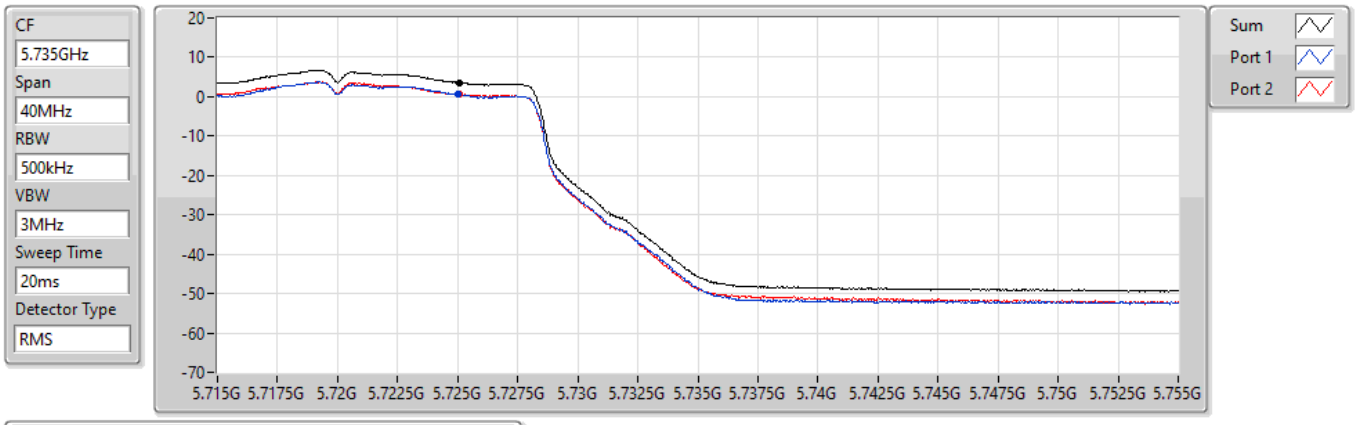


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.10	5.24

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

08/07/2022

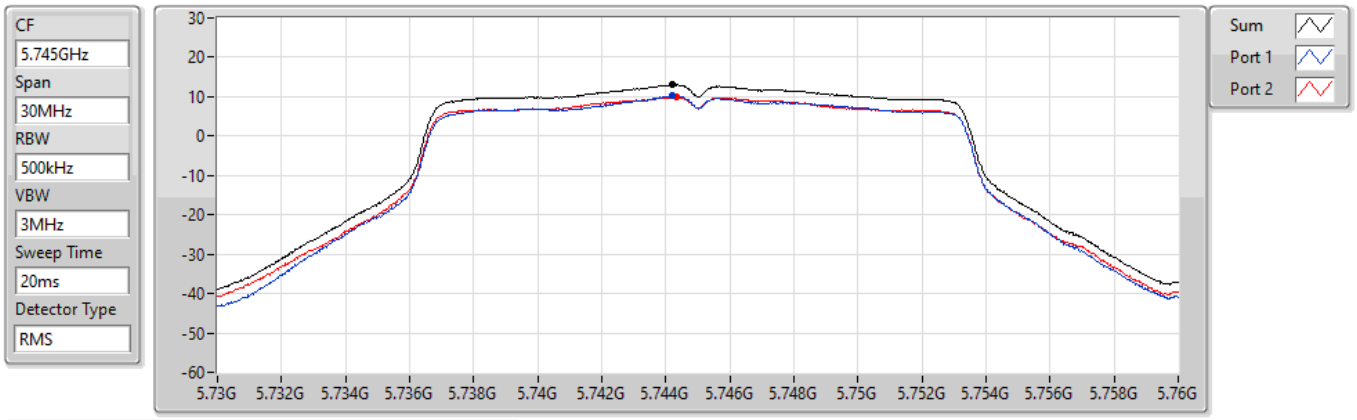


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	0.57	0.68

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

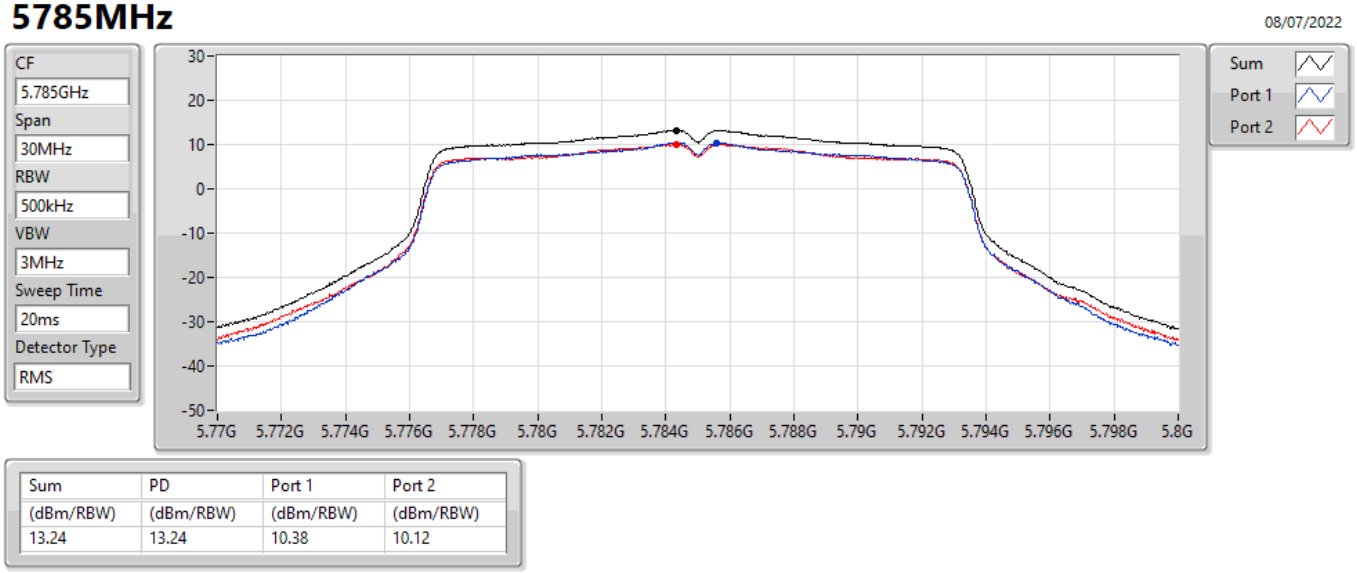
08/07/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.01	13.01	10.14	9.97

802.11a_Nss1,(6Mbps)_2TX PSD

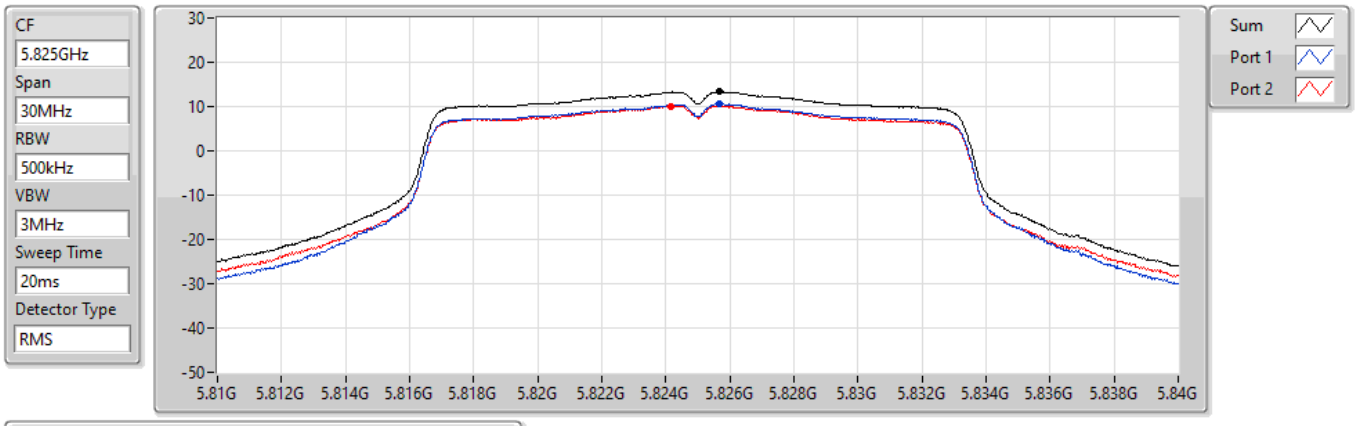
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.24	13.24	10.38	10.12

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

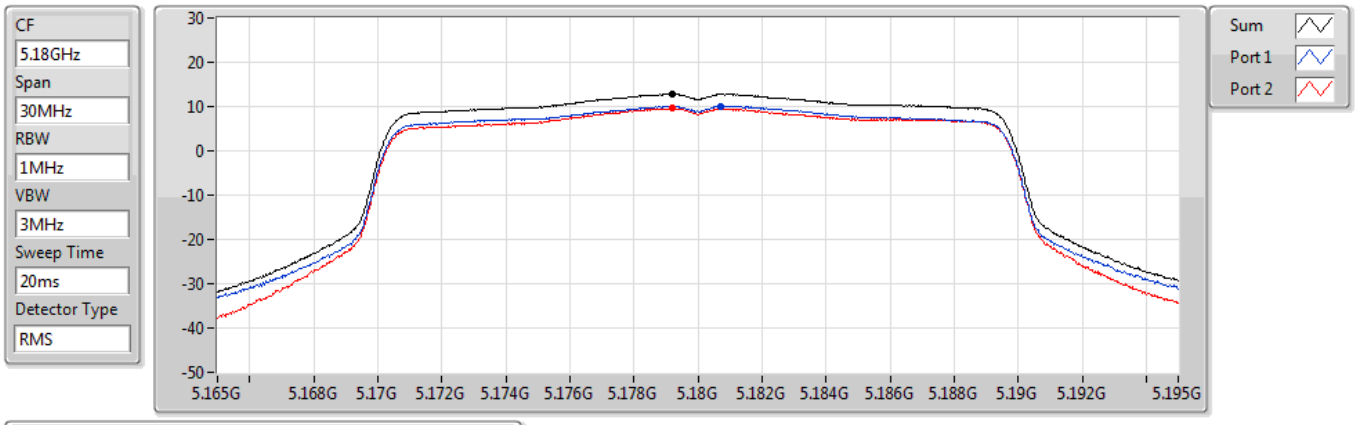


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.40	13.40	10.69	10.14

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5180MHz

14/07/2022

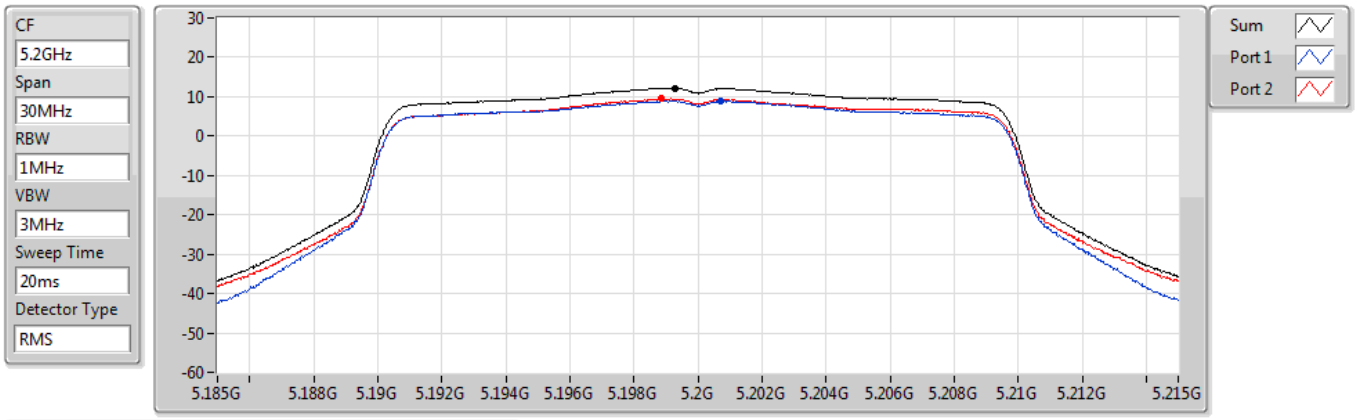


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.82	12.82	10.09	9.62

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

14/07/2022

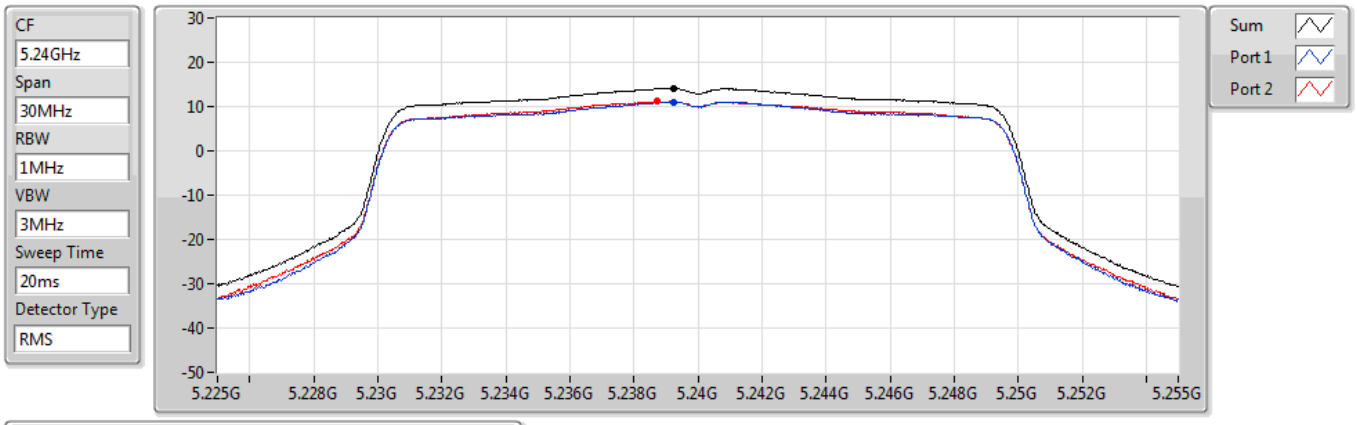


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.17	12.17	8.91	9.45

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

14/07/2022

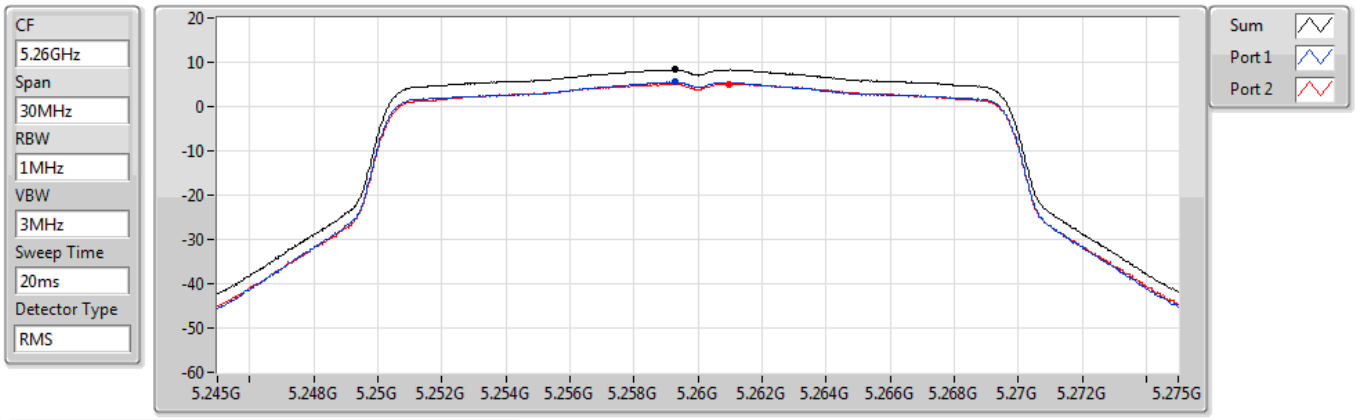


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.12	14.12	11.07	11.16

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5260MHz

14/07/2022

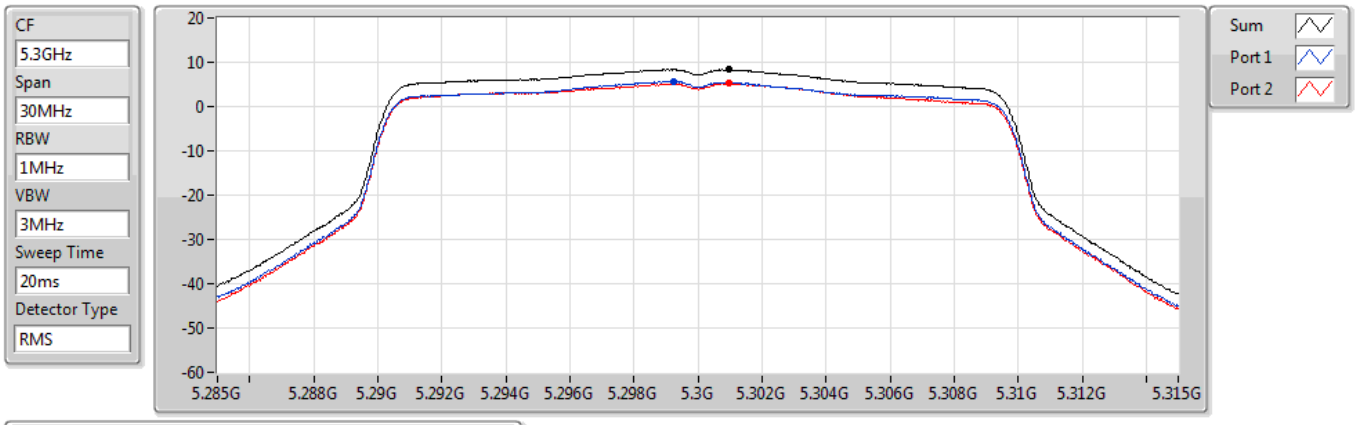


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	5.53	5.12

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5300MHz

14/07/2022

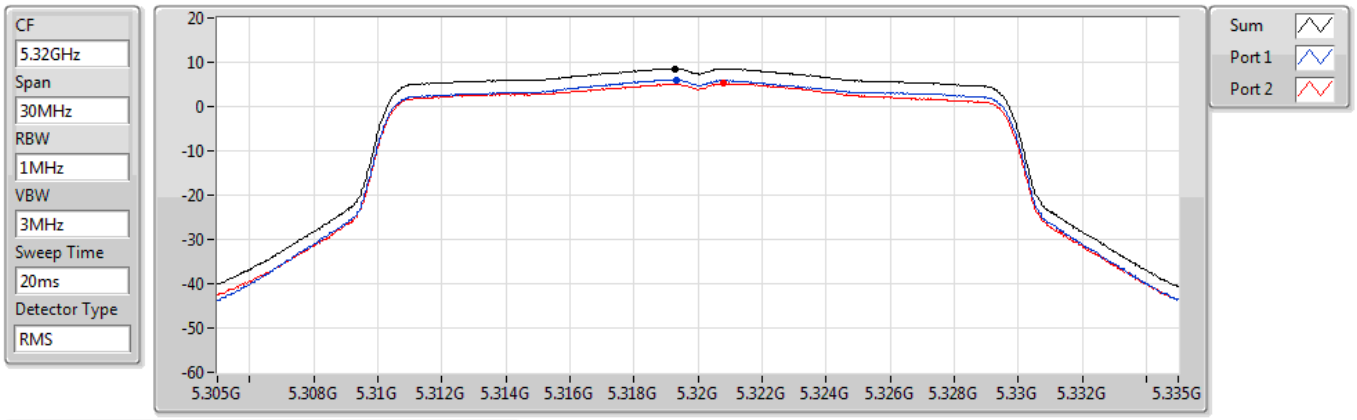


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.68	5.27

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5320MHz

14/07/2022

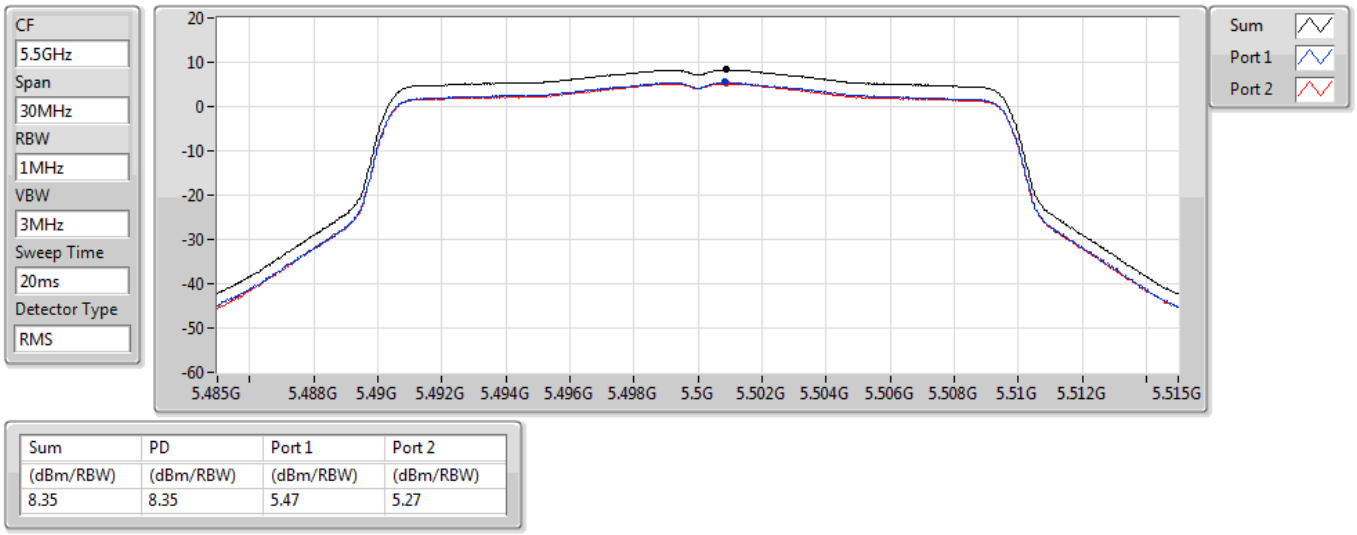


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	6.02	5.27

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5500MHz

14/07/2022

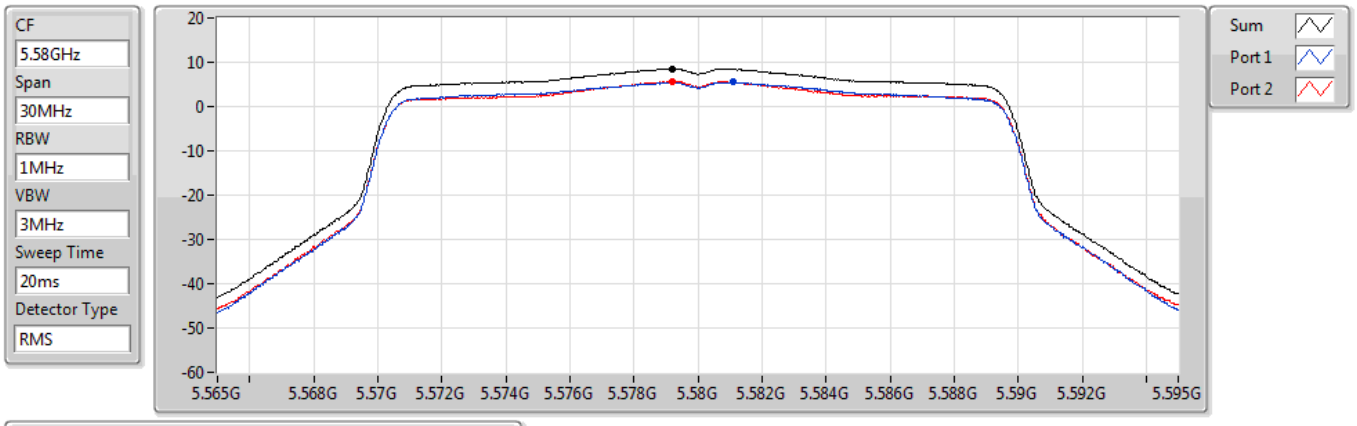


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	5.47	5.27

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5580MHz

14/07/2022

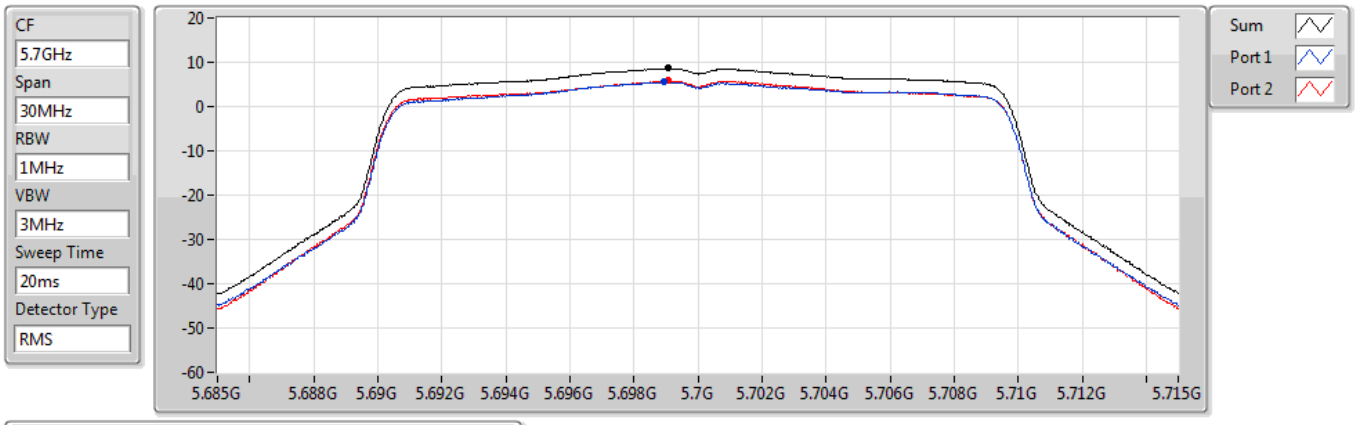


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.50	5.67

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5700MHz

14/07/2022

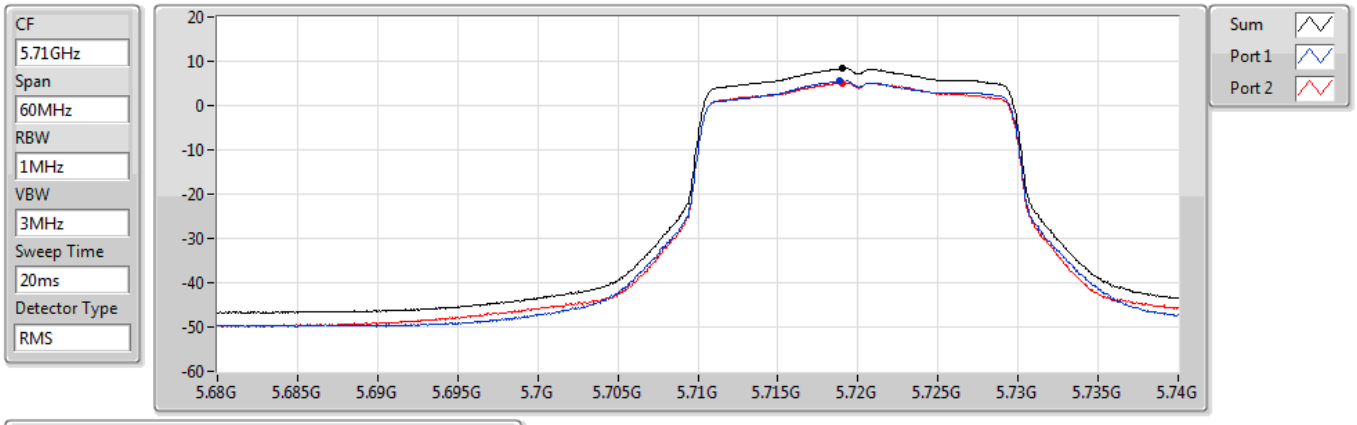


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.63	8.63	5.55	5.79

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

14/07/2022

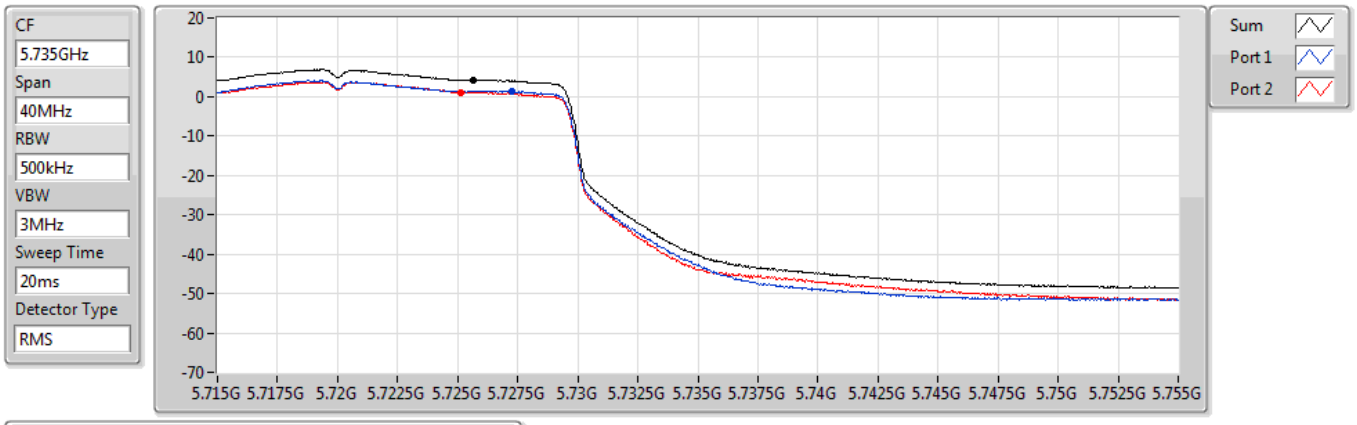


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.57	5.15

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

14/07/2022

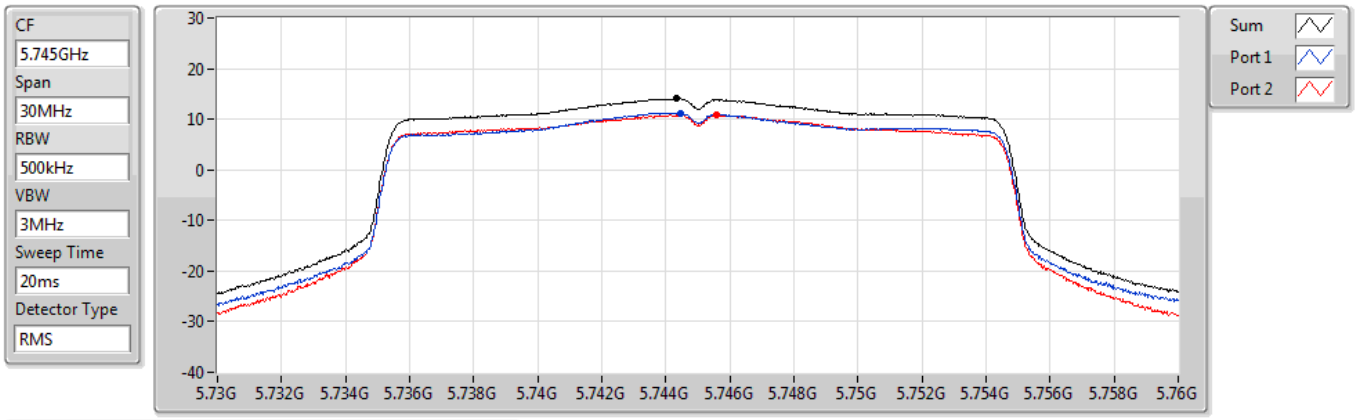


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	1.47	1.18

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

14/07/2022

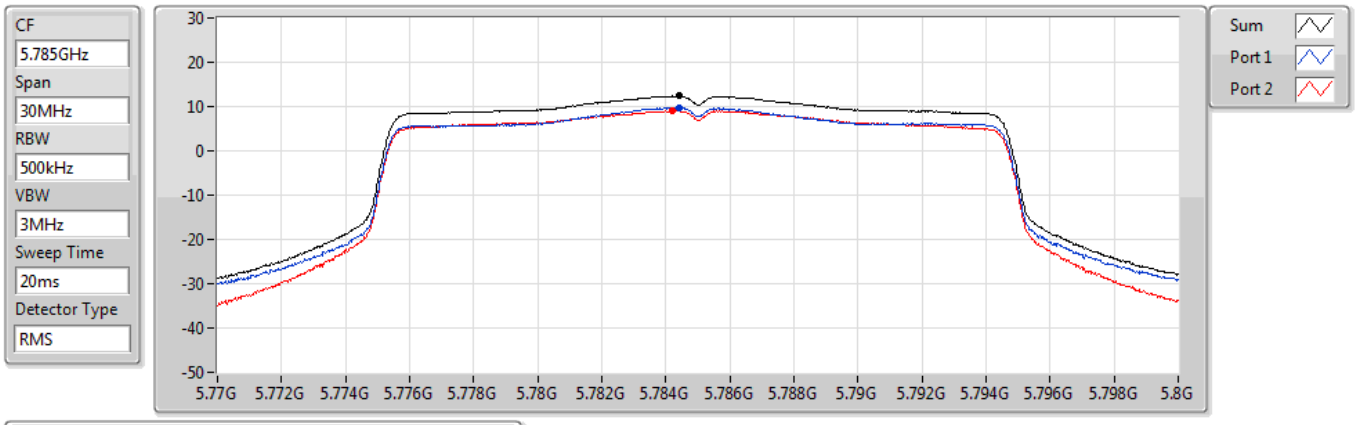


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.03	14.03	11.26	10.83

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5785MHz

14/07/2022

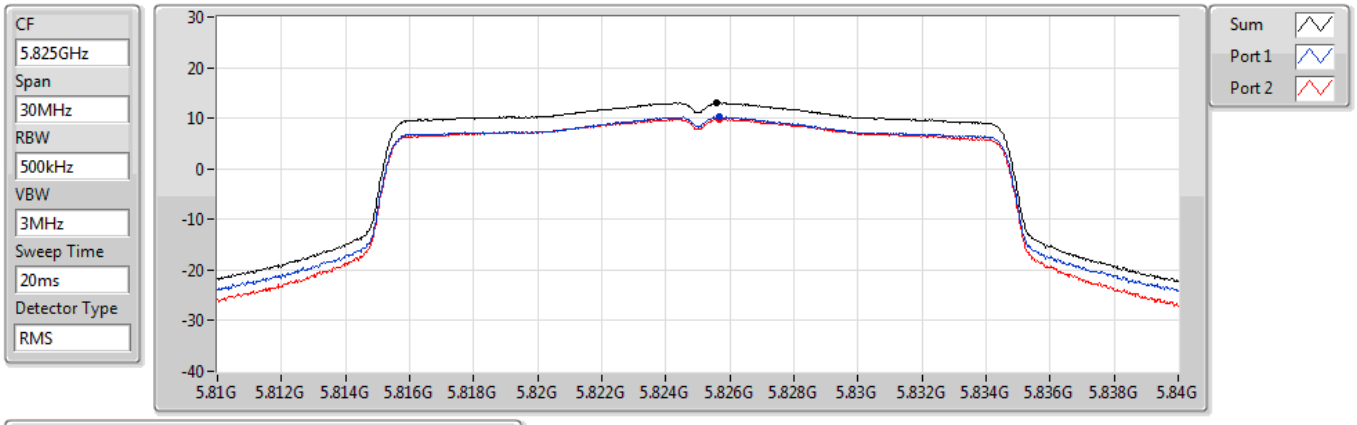


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.43	12.43	9.84	9.02

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5825MHz

14/07/2022

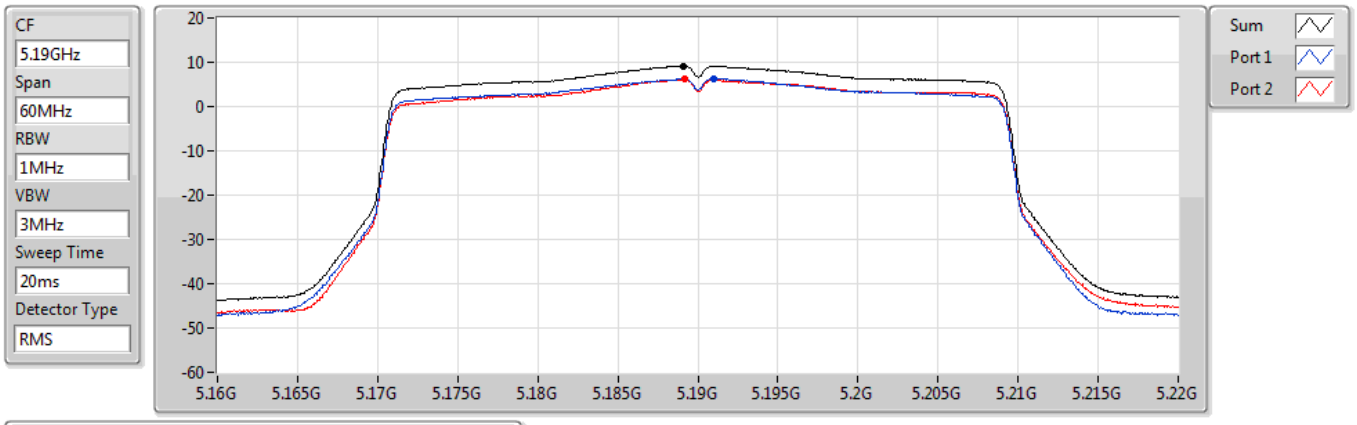


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.02	13.02	10.27	9.84

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5190MHz

14/07/2022

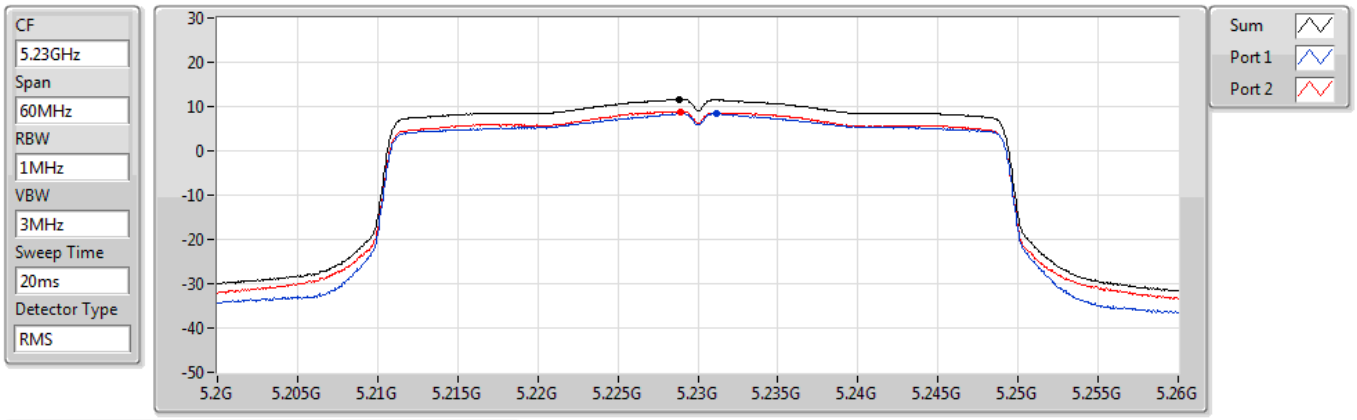


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.21	9.21	6.35	6.13

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5230MHz

14/07/2022

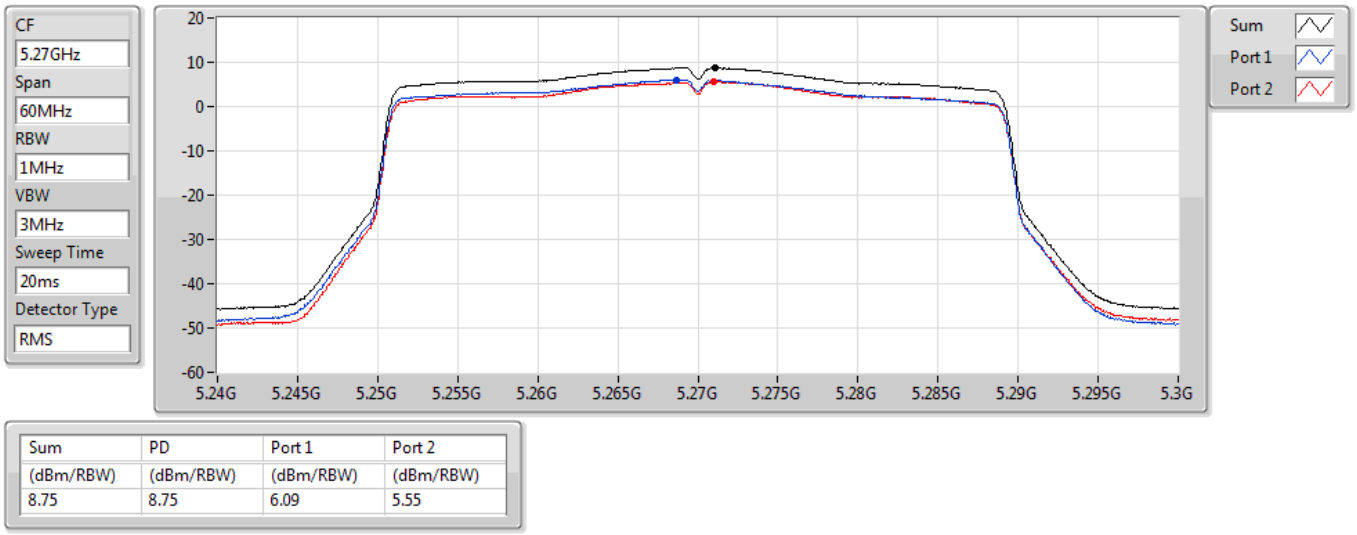


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.60	11.60	8.42	8.84

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5270MHz

14/07/2022

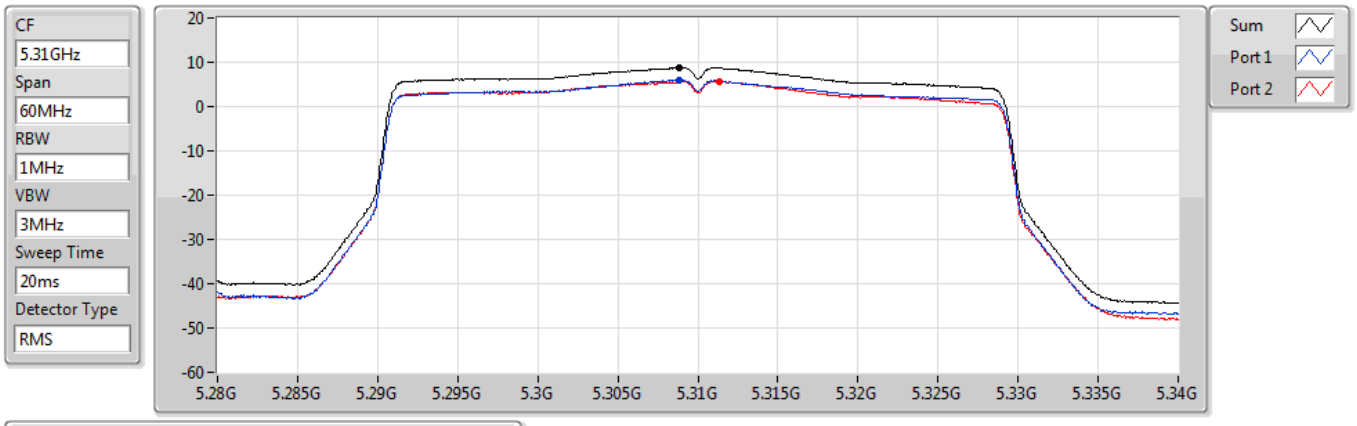


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	6.09	5.55

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5310MHz

14/07/2022

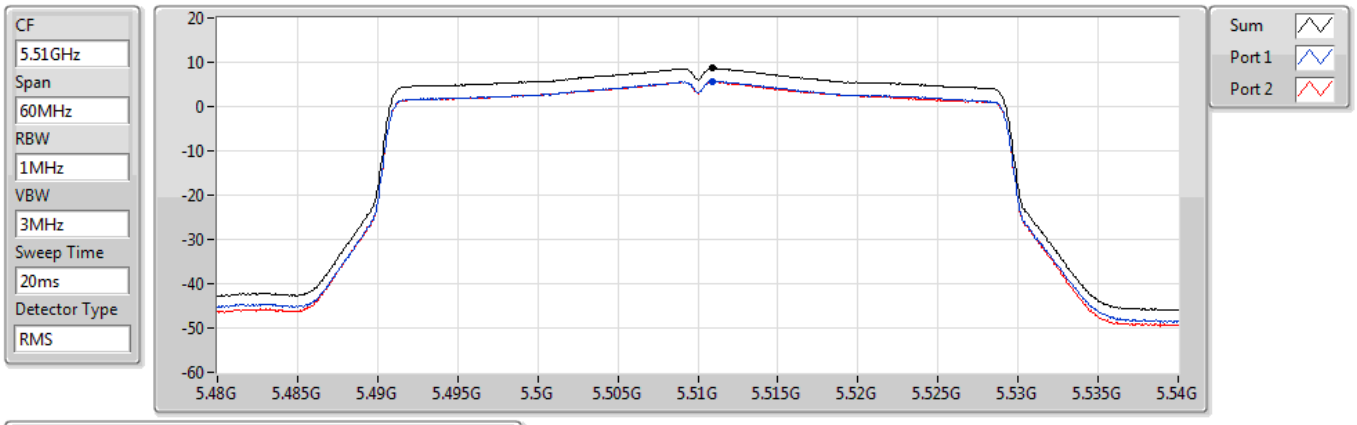


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	6.04	5.72

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5510MHz

14/07/2022

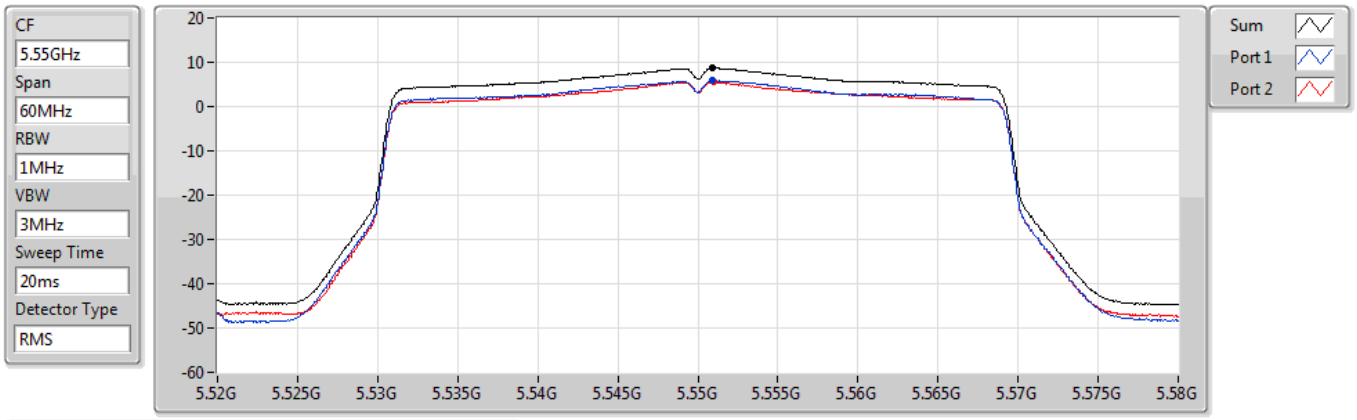


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	5.69	5.71

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5550MHz

14/07/2022

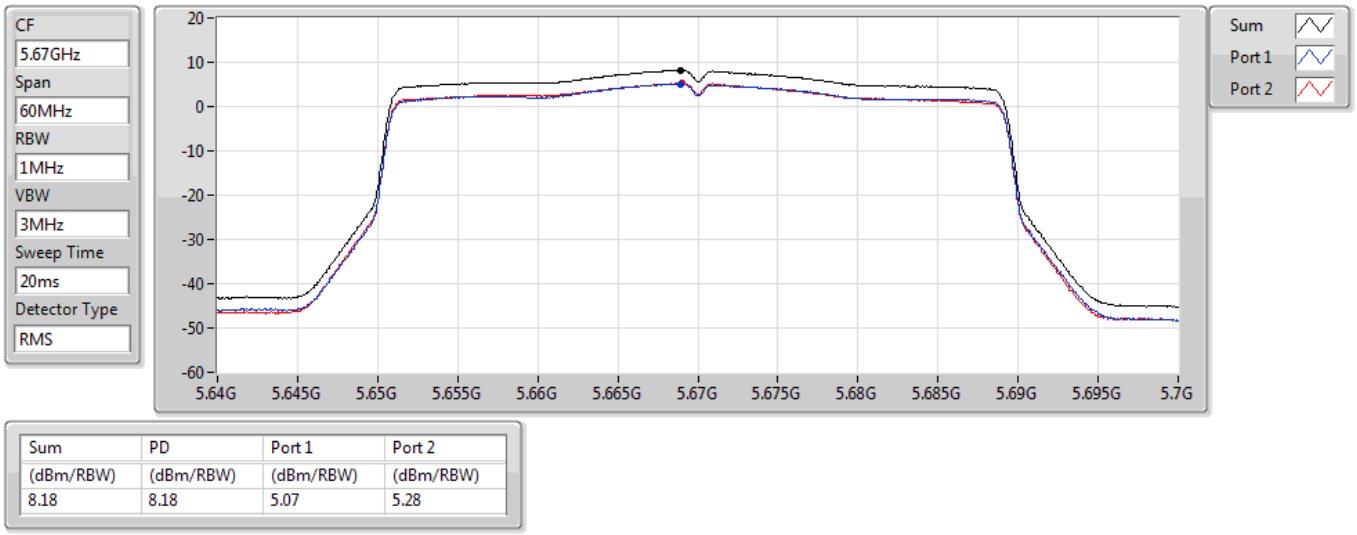


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	5.86	5.65

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5670MHz

14/07/2022

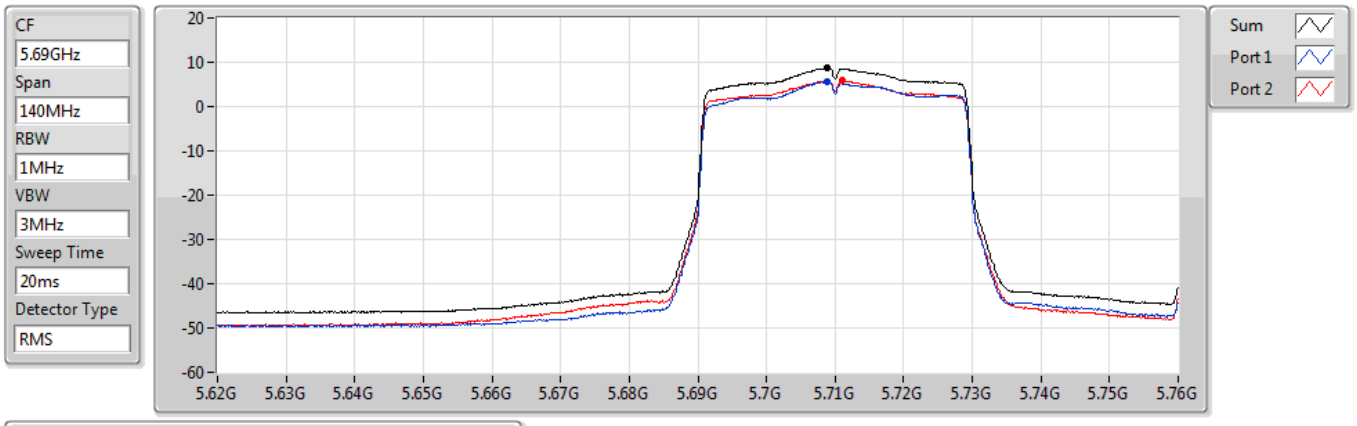


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.07	5.28

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

14/07/2022

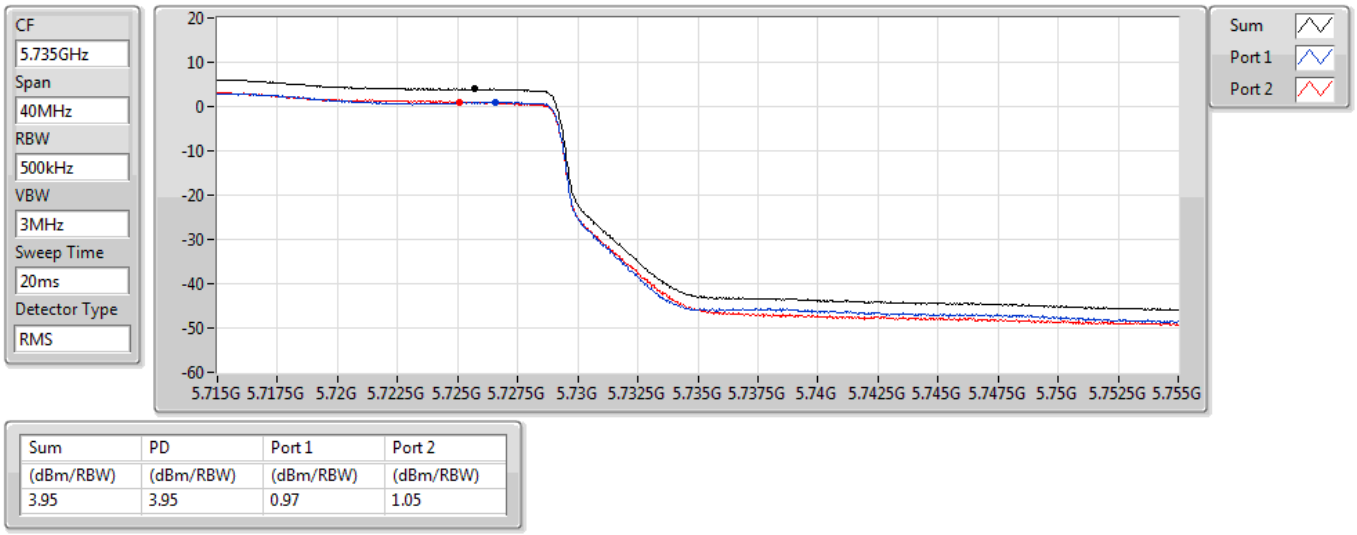


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	5.61	5.87

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

14/07/2022

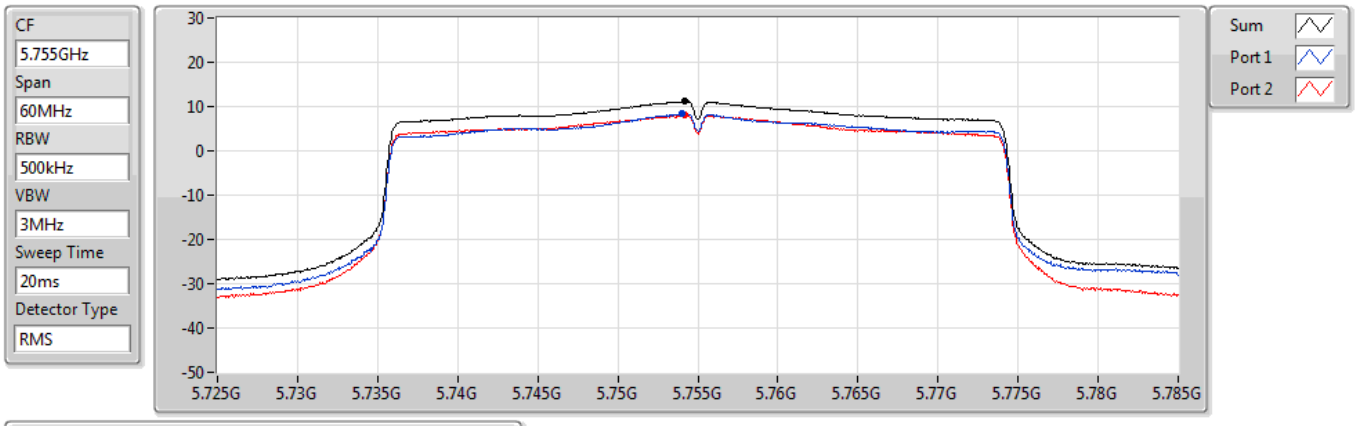


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	0.97	1.05

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5755MHz

14/07/2022

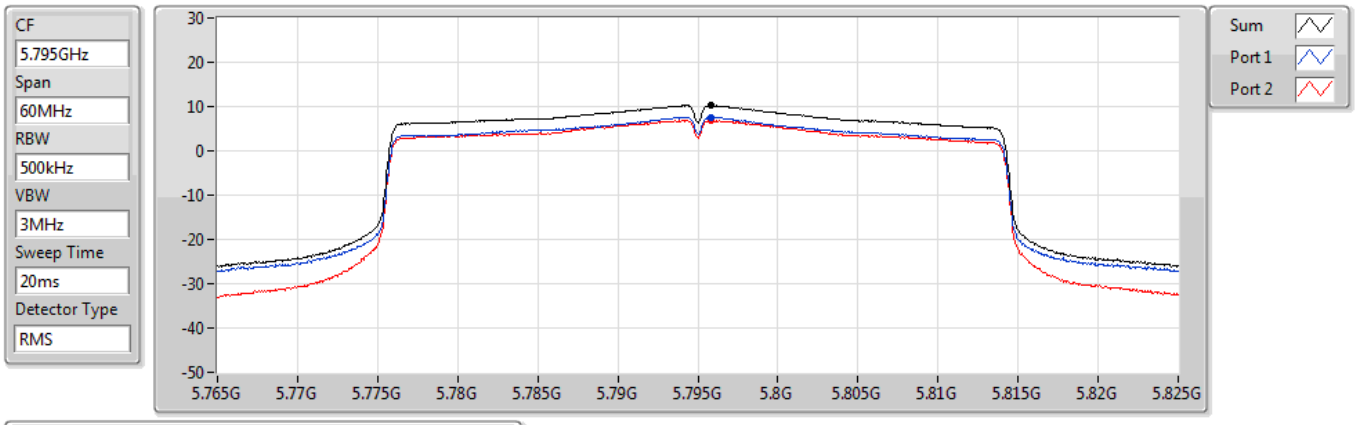


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.12	11.12	8.33	7.97

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5795MHz

14/07/2022

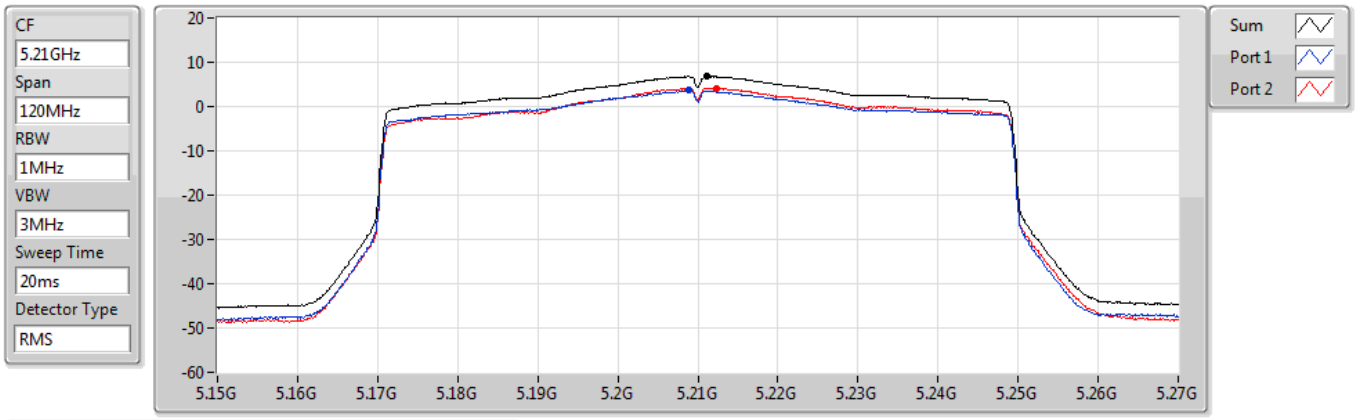


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	7.62	6.85

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5210MHz

14/07/2022

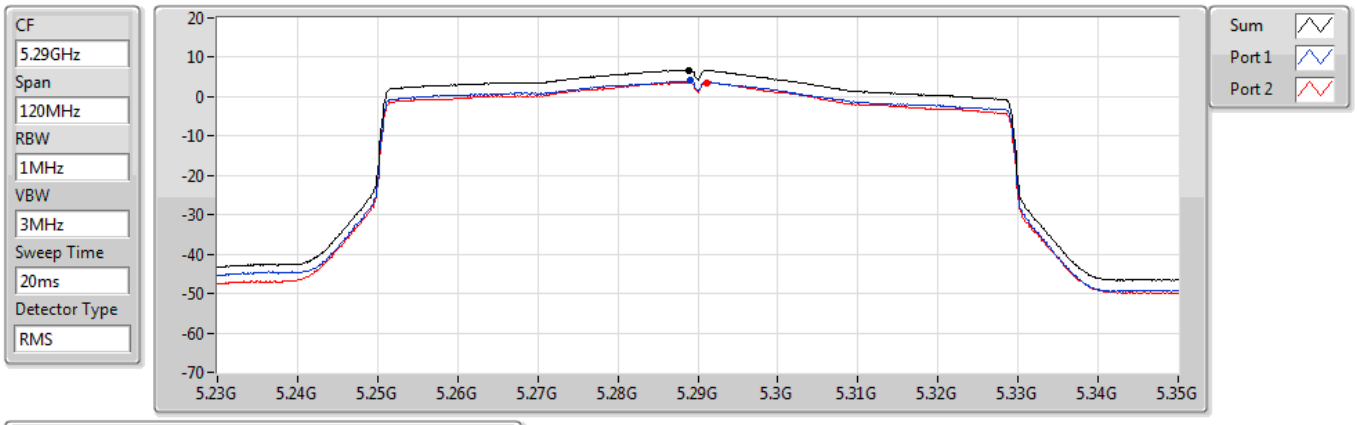


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	3.60	4.09

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5290MHz

14/07/2022

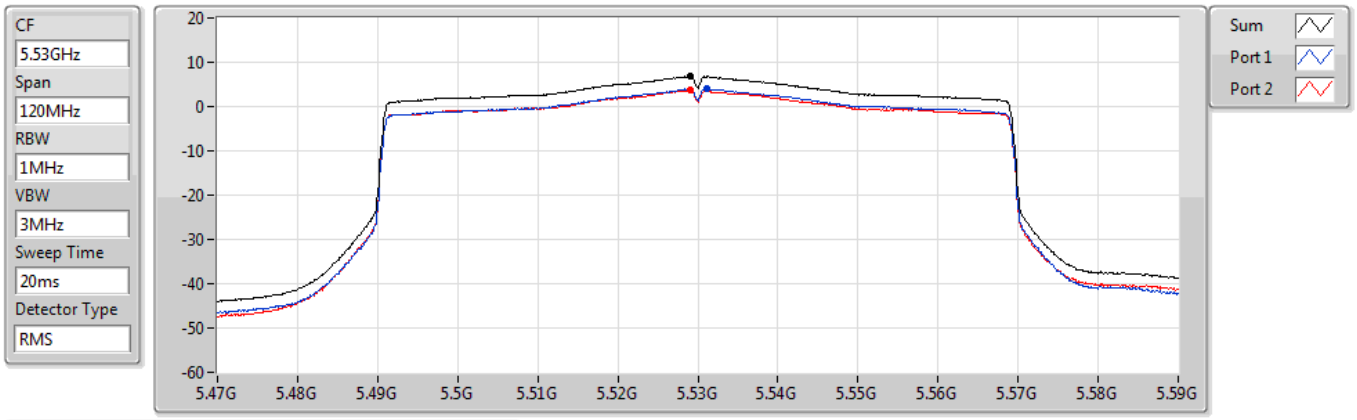


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	4.08	3.57

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5530MHz

14/07/2022

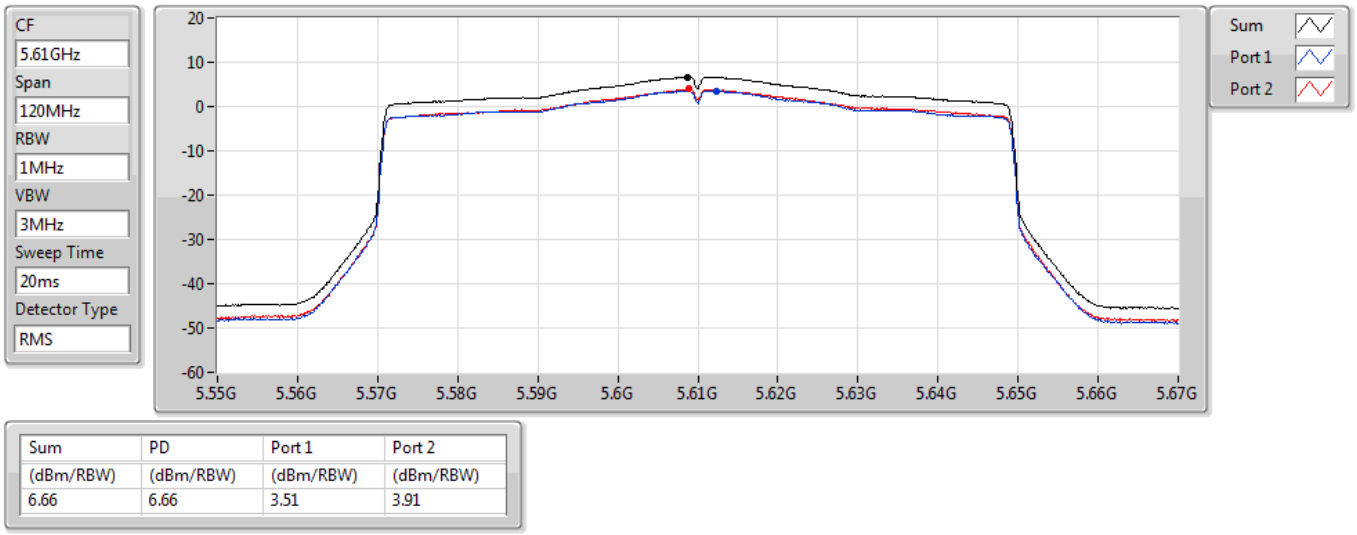


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	3.97	3.64

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5610MHz

14/07/2022

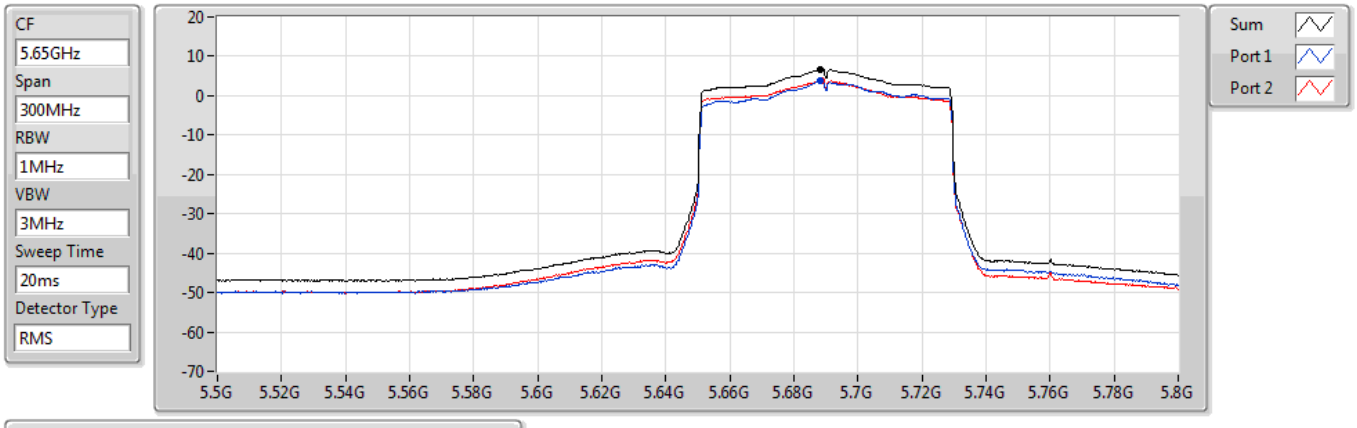


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	3.51	3.91

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

14/07/2022

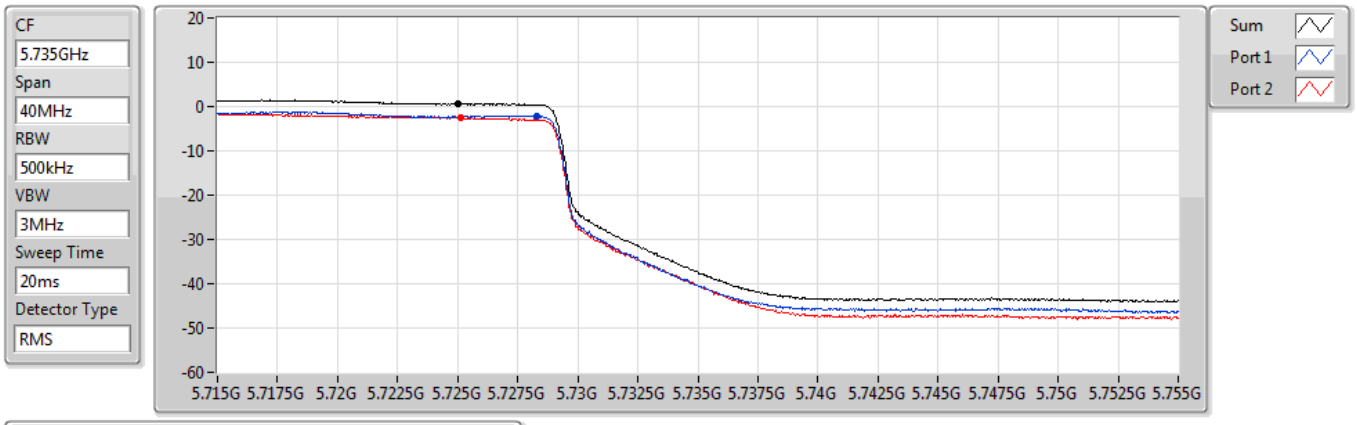


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	3.77	3.76

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

14/07/2022

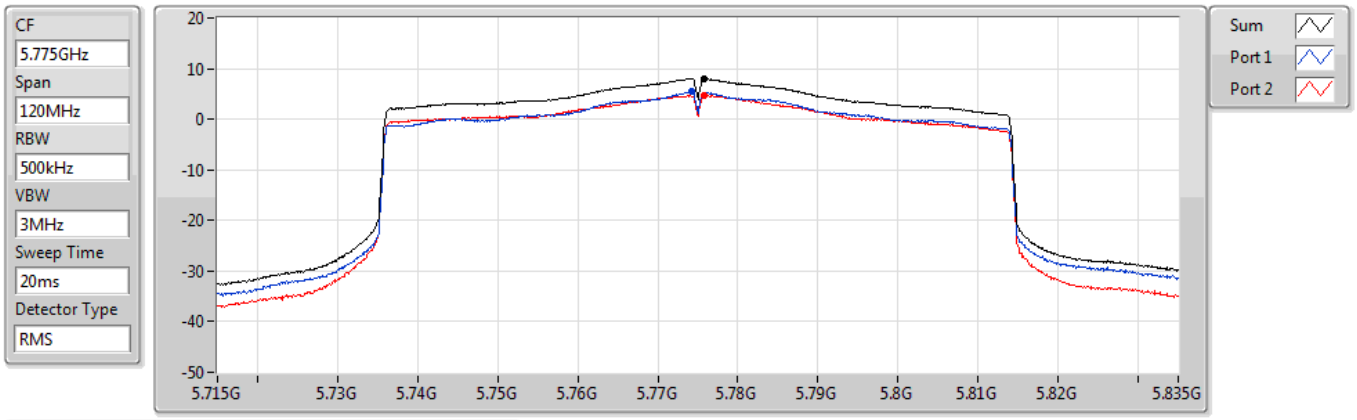


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-2.10	-2.49

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

14/07/2022

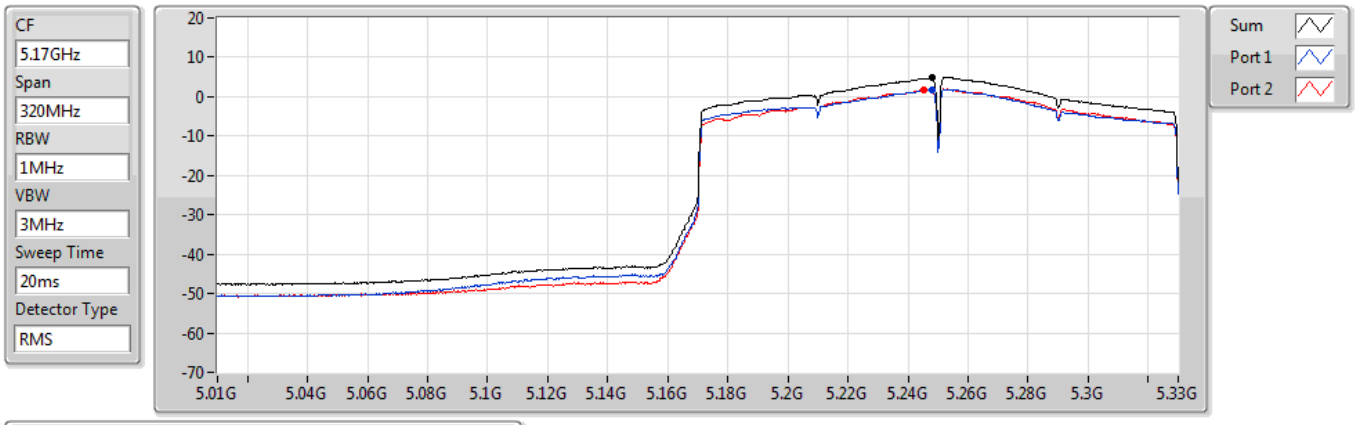


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	5.39	4.77

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.15-5.25GHz

14/07/2022

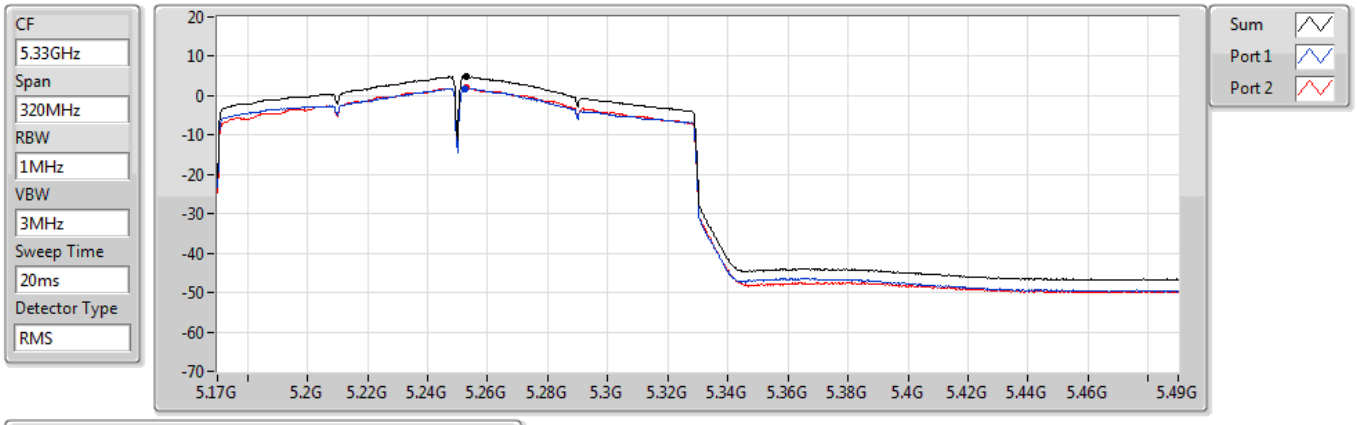


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	1.85	1.68

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.25-5.35GHz

14/07/2022

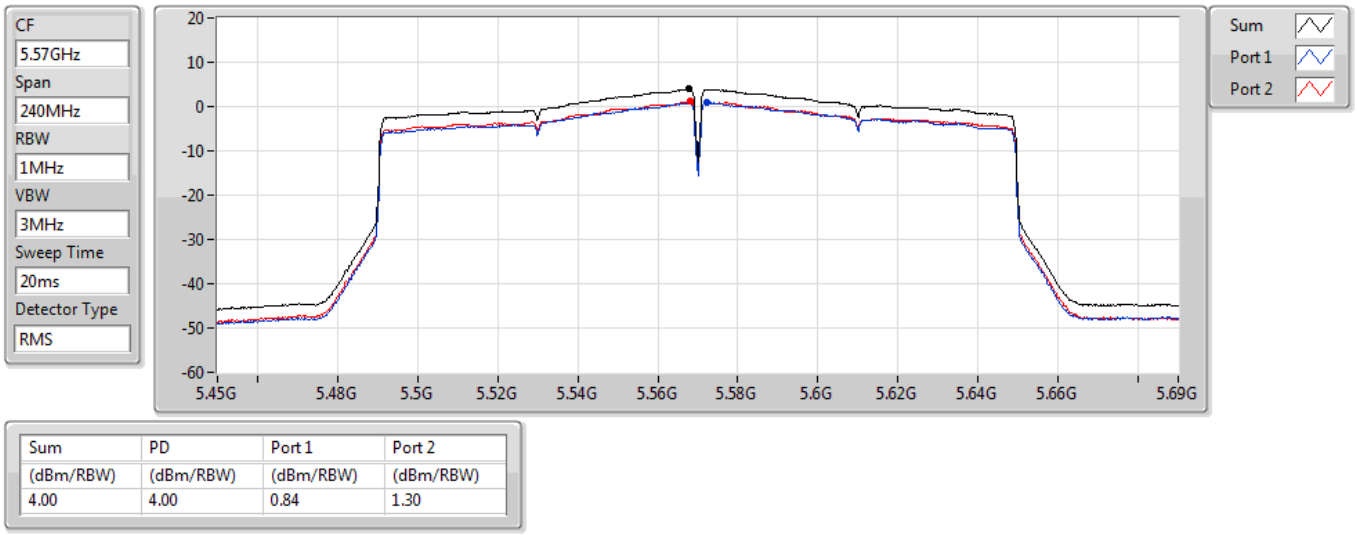


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	1.79	1.95

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5570MHz

14/07/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	0.84	1.30

Summary

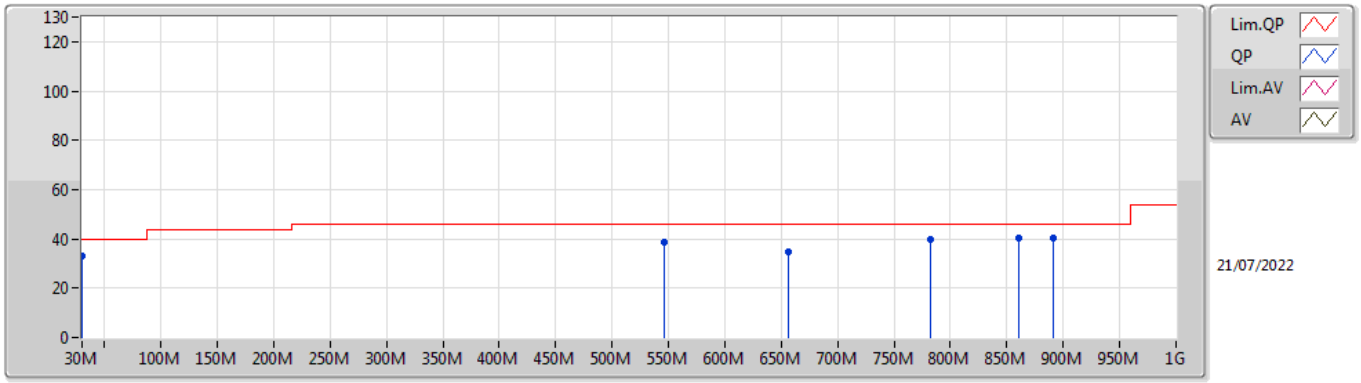
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	PK	860.32M	40.15	46.00	-5.85	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	PK	30M	33.20	40.00	-6.80	3	Vertical	360	1.00	-
5570MHz	Pass	PK	546.04M	38.77	46.00	-7.23	3	Vertical	360	1.00	-
5570MHz	Pass	PK	656.62M	34.98	46.00	-11.02	3	Vertical	360	1.00	-
5570MHz	Pass	PK	782.72M	39.60	46.00	-6.40	3	Vertical	360	1.00	-
5570MHz	Pass	PK	860.32M	40.15	46.00	-5.85	3	Vertical	360	1.00	-
5570MHz	Pass	PK	891.36M	40.09	46.00	-5.91	3	Vertical	360	1.00	-
5570MHz	Pass	PK	30M	24.92	40.00	-15.08	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	125.06M	24.01	43.50	-19.49	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	319.06M	31.49	46.00	-14.51	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	594.54M	38.62	46.00	-7.38	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	656.62M	38.45	46.00	-7.55	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	782.72M	39.11	46.00	-6.89	3	Horizontal	0	1.00	-

802.11ax HEW160_Nss1,(MCS0)_2TX

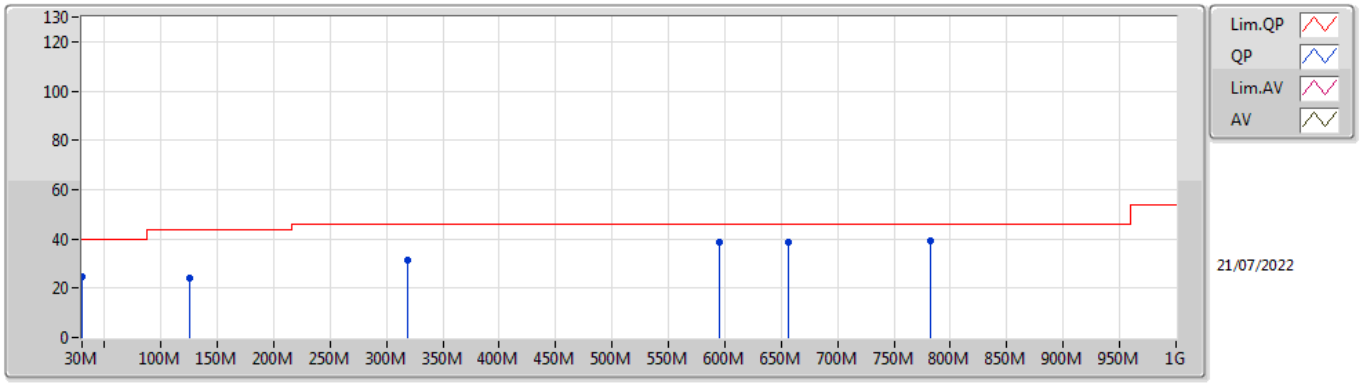
5570MHz_PoE



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	33.20	40.00	-6.80	-12.99	3	Vertical	360	1.00	-	46.19	23.73	0.48	37.20
PK	546.04M	38.77	46.00	-7.23	-10.76	3	Vertical	360	1.00	-	49.53	23.85	2.51	37.12
PK	656.62M	34.98	46.00	-11.02	-8.70	3	Vertical	360	1.00	-	43.68	25.60	2.89	37.19
PK	782.72M	39.60	46.00	-6.40	-7.06	3	Vertical	360	1.00	-	46.66	27.29	3.11	37.46
PK	860.32M	40.15	46.00	-5.85	-5.89	3	Vertical	360	1.00	-	46.04	28.51	3.21	37.61
PK	891.36M	40.09	46.00	-5.91	-6.10	3	Vertical	360	1.00	-	46.19	28.21	3.29	37.60

802.11ax HEW160_Nss1,(MCS0)_2TX

5570MHz_PoE



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	24.92	40.00	-15.08	-12.99	3	Horizontal	0	1.00	-	37.91	23.73	0.48	37.20
PK	125.06M	24.01	43.50	-19.49	-18.65	3	Horizontal	0	1.00	-	42.66	16.76	1.17	36.58
PK	319.06M	31.49	46.00	-14.51	-16.10	3	Horizontal	0	1.00	-	47.59	18.59	1.77	36.46
PK	594.54M	38.62	46.00	-7.38	-9.64	3	Horizontal	0	1.00	-	48.26	24.80	2.65	37.09
PK	656.62M	38.45	46.00	-7.55	-8.70	3	Horizontal	0	1.00	-	47.15	25.60	2.89	37.19
PK	782.72M	39.11	46.00	-6.89	-7.06	3	Horizontal	0	1.00	-	46.17	27.29	3.11	37.46