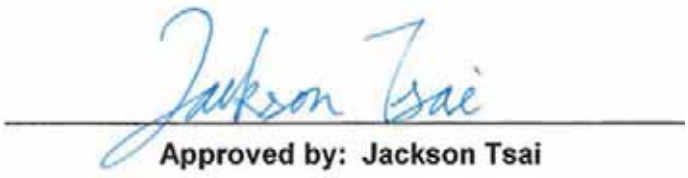
FCC Radio Test Report

FCC ID	:	**2AHBN-AP64**
Equipment	:	**802.11ax WiFi6E 2+2+2 Access Point**
Brand Name	:	**Juniper**
Model Name	:	**AP64**
Applicant	:	**Juniper Networks, Inc. 1133 Innovation Way, Sunnyvale, CA 94089, USA**
Manufacturer	:	**Juniper Networks, Inc. 1133 Innovation Way, Sunnyvale, CA 94089, USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Sep. 13, 2023, and testing was started from Sep. 27, 2023 and completed on Oct. 27, 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.



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
FR391129AN	01	Initial issue of report	Dec. 06, 2023
FR391129AN	02	Revised typo. (This report is the latest version replacing for the report issued on Dec. 06, 2023.)	Dec. 07, 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	-

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: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
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]

Non-Beamforming_Radio 0_Indoor

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

Non-Beamforming_Radio 0_Outdoor

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

Non-Beamforming_Radio 2_Indoor

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ax HEW20	20	1TX
5.25-5.35GHz	802.11ax HEW20	20	1TX
5.47-5.725GHz	802.11ax HEW20	20	1TX
5.725-5.85GHz	802.11ax HEW20	20	1TX
5.15-5.25GHz	802.11ax HEW40	40	1TX
5.25-5.35GHz	802.11ax HEW40	40	1TX
5.47-5.725GHz	802.11ax HEW40	40	1TX
5.725-5.85GHz	802.11ax HEW40	40	1TX
5.15-5.25GHz	802.11ax HEW80	80	1TX
5.25-5.35GHz	802.11ax HEW80	80	1TX
5.47-5.725GHz	802.11ax HEW80	80	1TX
5.725-5.85GHz	802.11ax HEW80	80	1TX

Non-Beamforming_Radio 2_Outdoor

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ax HEW20	20	1TX
5.25-5.35GHz	802.11ax HEW20	20	1TX
5.47-5.725GHz	802.11ax HEW20	20	1TX
5.725-5.85GHz	802.11ax HEW20	20	1TX
5.15-5.25GHz	802.11ax HEW40	40	1TX
5.25-5.35GHz	802.11ax HEW40	40	1TX
5.47-5.725GHz	802.11ax HEW40	40	1TX
5.725-5.85GHz	802.11ax HEW40	40	1TX
5.15-5.25GHz	802.11ax HEW80	80	1TX
5.25-5.35GHz	802.11ax HEW80	80	1TX
5.47-5.725GHz	802.11ax HEW80	80	1TX
5.725-5.85GHz	802.11ax HEW80	80	1TX

Beamforming_Radio 0_Indoor

Band	Mode	BWch	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

Beamforming_Radio 0_Outdoor

Band	Mode	BWch	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

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	Juniper	0990279010_1	PIFA	I-PEX	Radio 2_2.4G+Radio 1_6G
2	Juniper	0990279010_2	PIFA	I-PEX	Radio 0_5G+BT/Thread/Zigbee
3	Juniper	0990279010_3	PIFA	I-PEX	Radio 1_2.4G+Radio 0_5G
4	Juniper	0990279010_4	PIFA	I-PEX	Radio 1_2.4G+Radio 1_6G
5	Juniper	0990279010_5	PIFA	I-PEX	Radio 2_2.4G+Radio 2_5G+ Radio 2_6G
6	Juniper	0990278910	PIFA	I-PEX	GPS

Ant.	Gain (dBi)							
	Radio 0	Radio 1		Radio 2			BT/Thread/Zigbee	GPS
	5G	2.4G	6G	2.4G	5G	6G		
1	-	-	4.45	1.58	-	-	-	-
2	5.46	-	-	-	-	-	1.22	-
3	5.41	1.38	-	-	-	-	-	-
4	-	4.41	4.25	-	-	-	-	-
5	-	-	-	2.3	4.26	3.9	-	-
6	-	-	-	-	-	-	-	3.15

Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS] Ant.1 & Ant.5	4.35	-	-	-	-	-	-	-	-
DG [1SS] Ant.3 & Ant.4	5.08	-	-	-	-	-	-	-	-
DG [1SS] Ant.2 & Ant.3	-	5.46	5.42	5.52	3.99	-	-	-	-
DG [1SS] Ant.1 & Ant.4	-	-	-	-	-	5.37	4.72	4.36	4.63

Note 1: The EUT has six antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP391129.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (1TX/1RX) (Radio 2)

Ant. 5 could transmit/receive.

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) (Radio 1)

Ant. 3 and Ant. 4 could transmit/receive simultaneously.

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

Ant. 1 and Ant. 5 could transmit/receive simultaneously.

For BT function:
For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 2 could transmit/receive.
For 5GHz function:
For IEEE 802.11 a/n/ac/ax mode (1TX/1RX) (Radio 2)
Ant. 5 could transmit/receive.
For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)
Ant. 2 and Ant. 3 could transmit/receive simultaneously.
For Thread function:
For Thread mode (1TX/1RX)
Ant. 2 could transmit/receive.
For Zigbee function:
For Zigbee mode (1TX/1RX)
Ant. 2 could transmit/receive.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☒	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Client
	☐	OEM Device installed in vehicle		
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_Radio 0_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.957	0.19	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.978	0.1	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.963	0.16	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.929	0.32	413.438u	3k

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

Non-Beamforming_Radio 0_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.957	0.19	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.978	0.1	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.963	0.16	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.929	0.32	413.438u	3k

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

Non-Beamforming_Radio 2_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.946	0.24	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.978	0.1	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_1TX	0.963	0.16	780.625u	3k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.927	0.33	413.438u	3k

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

Non-Beamforming_Radio 2_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.946	0.24	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.978	0.1	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_1TX	0.963	0.16	780.625u	3k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.927	0.33	413.438u	3k

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

Beamforming_Radio 0_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.978	0.1	1.488m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.963	0.16	780.313u	3k
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.929	0.32	413.438u	3k

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

Beamforming_Radio 0_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.978	0.1	1.488m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.963	0.16	780.313u	3k
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.929	0.32	413.438u	3k

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	21.7~22.7°C / 55~58%	24/Oct/2023
RF Conducted	TH01-HY	Jin Jing	22.7~23.8°C / 56~68%	04/Oct/2023~17/Oct/2023
Radiated (Co-location)	03CH02-HY	Vasari Huang	22.9~24.1°C / 52~58%	26/Oct/2023~27/Oct/2023
☒ Wenhua 3rd. **(TAF:** 3785**)**	**ADD:** No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH25-HY	Simon Cheng	23.5~24.1°C / 49~59%	27/Sep/2023~24/Oct/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 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMTool_REL_3_2_1_3

Non-Beamforming_Radio 0_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	72
5580MHz	80
5700MHz	70
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	75
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	75
5500MHz	71
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	55
5230MHz	80
5270MHz	80
5310MHz	56

5510MHz	59
5550MHz	80
5670MHz	74
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	55
5290MHz	54
5530MHz	63
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

Non-Beamforming_Radio 0_Outdoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	66
5200MHz	67
5240MHz	68
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	72
5580MHz	80
5700MHz	70
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	66
5200MHz	66
5240MHz	67
5260MHz	80
5300MHz	80
5320MHz	75
5500MHz	71
5580MHz	80
5700MHz	60

5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	55
5230MHz	69
5270MHz	80
5310MHz	56
5510MHz	59
5550MHz	80
5670MHz	74
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	55
5290MHz	54
5530MHz	63
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

Non-Beamforming_Radio 2_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	69
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	69
5500MHz	65
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	66
5200MHz	80
5240MHz	80
5260MHz	79
5300MHz	80
5320MHz	65
5500MHz	60
5580MHz	80
5700MHz	52
5720MHz Straddle 5.47-5.725GHz	79
5720MHz Straddle 5.725-5.85GHz	79
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5190MHz	57
5230MHz	77
5270MHz	75
5310MHz	55
5510MHz	53
5550MHz	78
5670MHz	72
5710MHz Straddle 5.47-5.725GHz	79
5710MHz Straddle 5.725-5.85GHz	79
5755MHz	80

5795MHz	80
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	56
5290MHz	50
5530MHz	52
5610MHz	75
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	79

Non-Beamforming_Radio 2_Outdoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	69
5200MHz	71
5240MHz	73
5260MHz	80
5300MHz	80
5320MHz	69
5500MHz	65
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	66
5200MHz	70
5240MHz	72
5260MHz	79
5300MHz	80
5320MHz	65
5500MHz	60
5580MHz	80
5700MHz	52
5720MHz Straddle 5.47-5.725GHz	79
5720MHz Straddle 5.725-5.85GHz	79
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40_Nss1,(MCS0)_1TX	-

5190MHz	57
5230MHz	70
5270MHz	75
5310MHz	55
5510MHz	53
5550MHz	78
5670MHz	72
5710MHz Straddle 5.47-5.725GHz	79
5710MHz Straddle 5.725-5.85GHz	79
5755MHz	80
5795MHz	80
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	56
5290MHz	50
5530MHz	52
5610MHz	75
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	79

Beamforming_Radio 0_Indoor

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	75
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	75
5500MHz	71
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	55
5230MHz	80
5270MHz	80
5310MHz	56
5510MHz	59

5550MHz	80
5670MHz	74
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	55
5290MHz	54
5530MHz	63
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

Beamforming_Radio 0_Outdoor

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	66
5200MHz	66
5240MHz	67
5260MHz	80
5300MHz	80
5320MHz	75
5500MHz	71
5580MHz	80
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	55
5230MHz	69
5270MHz	80
5310MHz	56
5510MHz	59
5550MHz	80
5670MHz	74
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80

5795MHz	80
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	55
5290MHz	54
5530MHz	63
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Test 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	**Radio 2**		**Radio 0**

The Worst Case Mode for Following Conformance Tests	
Tests Item	maximum e.i.r.p. at any elevation angle above 30 degrees
Test Condition	Radiated measurement
1	Wall mount mode
2	Ceiling mode
Mode 1 configuration was tested and found to be the worst case and measured during the test.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
2	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
3	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Zigbee
4	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Zigbee
5	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Thread
6	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Thread
Refer to Sporton Test Report No.: FA391129 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Bracket	**Brand Name**	Juniper	**Model Name**	APOUTBR-FM2

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

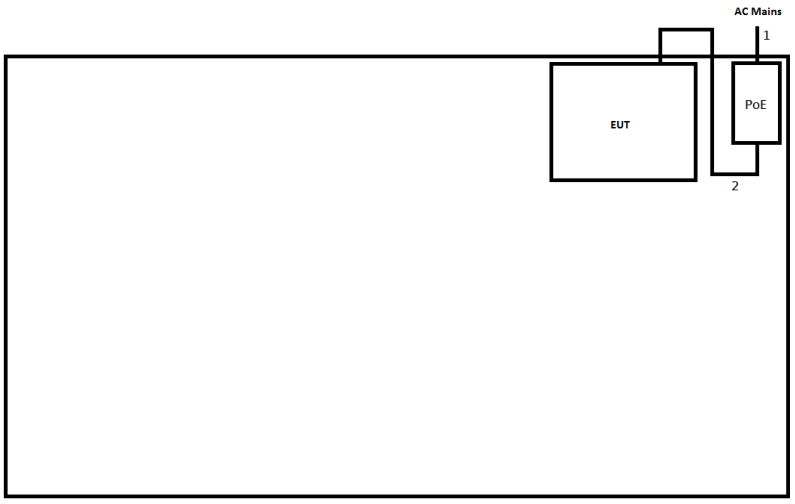
2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	PHIHONG	POE60U-1BT-5	-	-
2	RJ45 cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

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

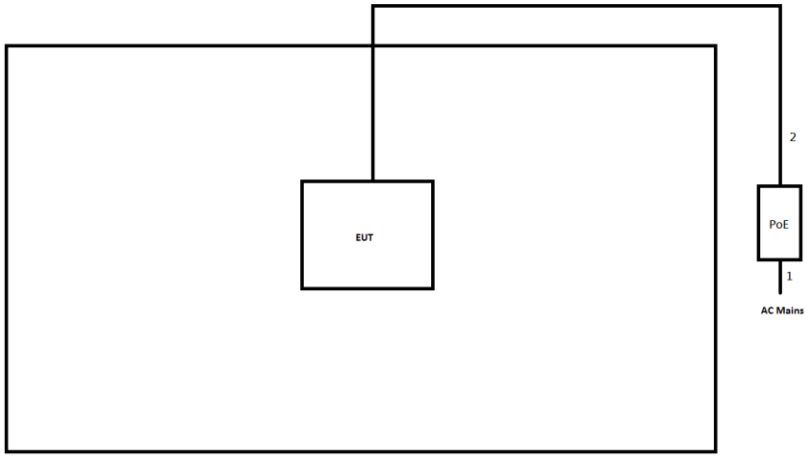
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power cable	No	1.8
2	RJ45 cable	No	3.0

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power cable	No	1.8
2	RJ45 cable	No	3.0

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

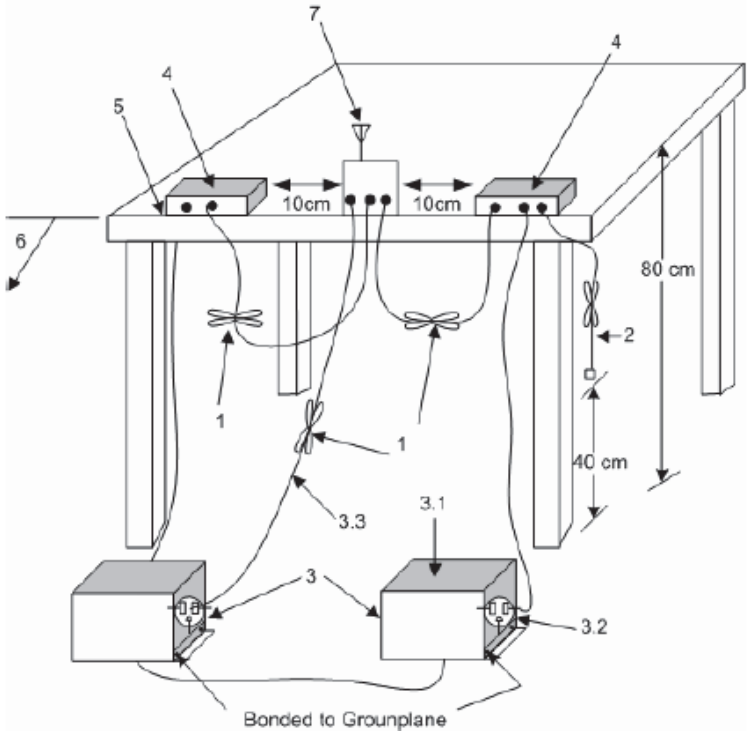
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

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 50Ωloads. 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.

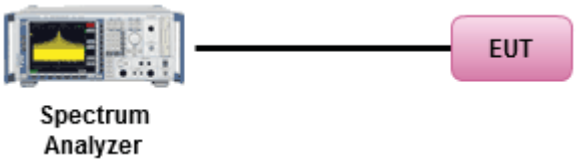
3.2.2 Measuring Instruments

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 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 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 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 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 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 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 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 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

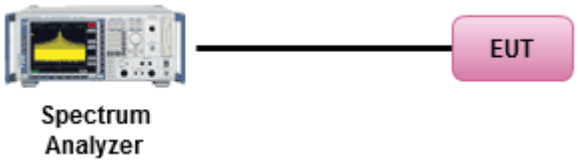
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

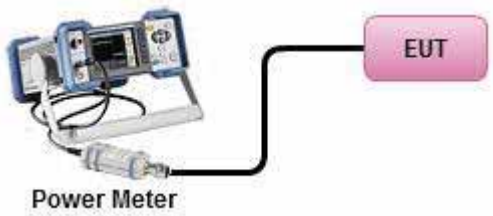
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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 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 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 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
☒ For the 5.725-5.85 GHz band:	
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

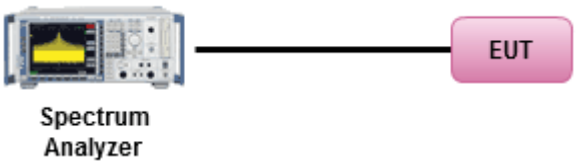
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

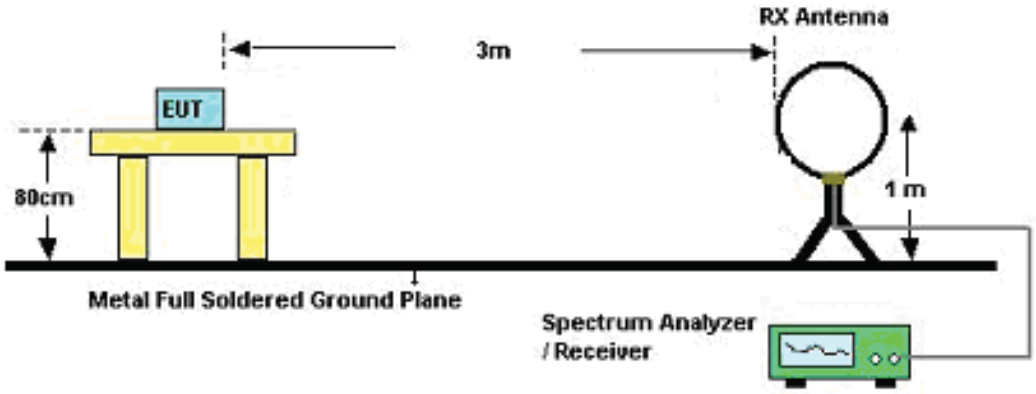
3.5.4 Measurement Results Calculation

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

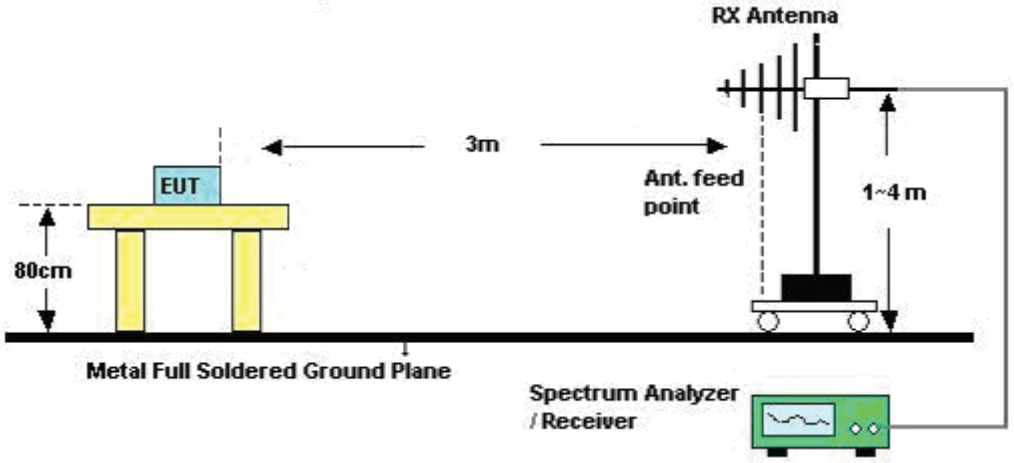
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions

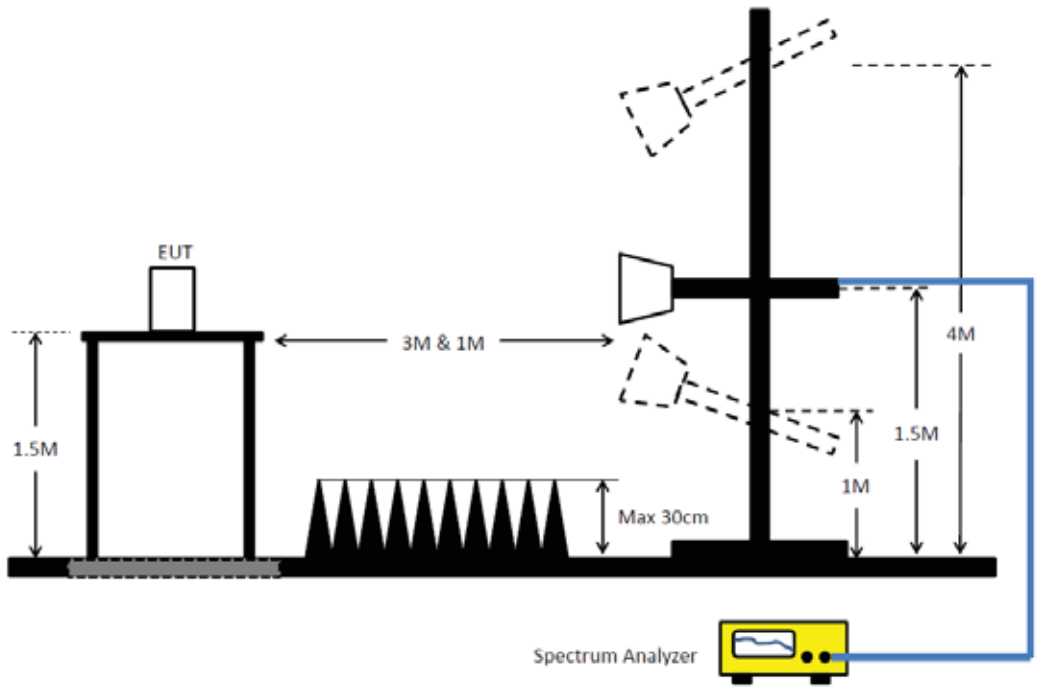
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	07/Sep/2023	06/Sep/2024
RF Cable 5m	TITAN	RG142	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Pulse Limiter	R&S	EHS3-Z2	100920	9kHz ~ 30MHz	19/Oct/2023	18/Oct/2024
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	10/Apr/2023	09/Apr/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	15/Feb/2023	14/Feb/2024
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	15/Feb/2023	14/Feb/2024
SENSE-15407_DTS	Sporton	V5.11.10	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH25-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	03/Aug/2023	02/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	31/May/2023	30/May/2024
Preamplifier	SGH	PRAMP 903	20230515-1	30MHz~1GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	25/May/2023	24/May/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	24/Apr/2023	23/Apr/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	30MHz~1GHz	24/Apr/2023	23/Apr/2024
Amplifier	EM	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	29/Dec/2022	28/Dec/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
SENSE-15407_NII	Sporton	V5.11.10	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	17/Aug/2023	16/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	03/Aug/2023	02/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	17/Aug/2023	16/Aug/2024
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	17/Apr/2023	16/Apr/2024
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	26/Apr/2023	25/Apr/2024
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	10/Aug/2023	09/Aug/2024
Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	21/Jul/2023	20/Jul/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	1GHz~40GHz	21/Jul/2023	20/Jul/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	9kHz~1GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	29/Dec/2022	28/Dec/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
SENSE-15247-FS	Sporton	V5.11.2	NA	NA	NA	NA

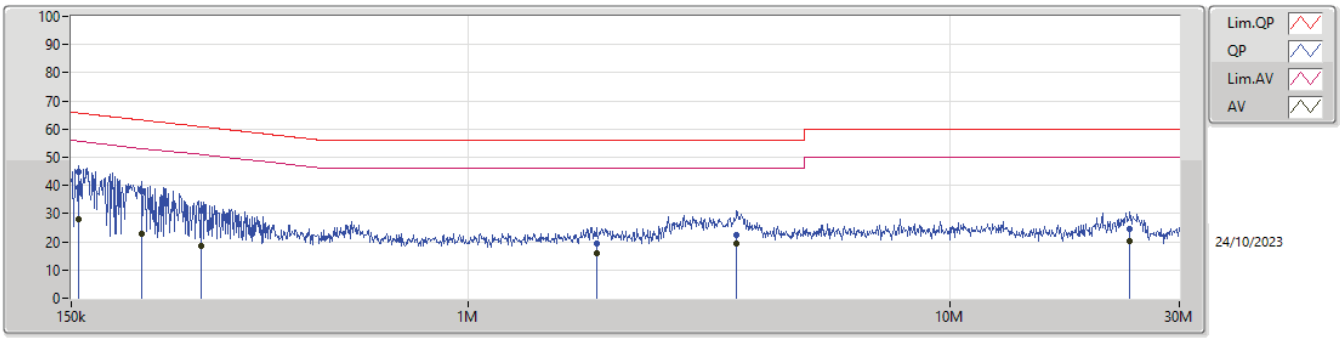
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	45.92	65.90	-19.98	Neutral

Result

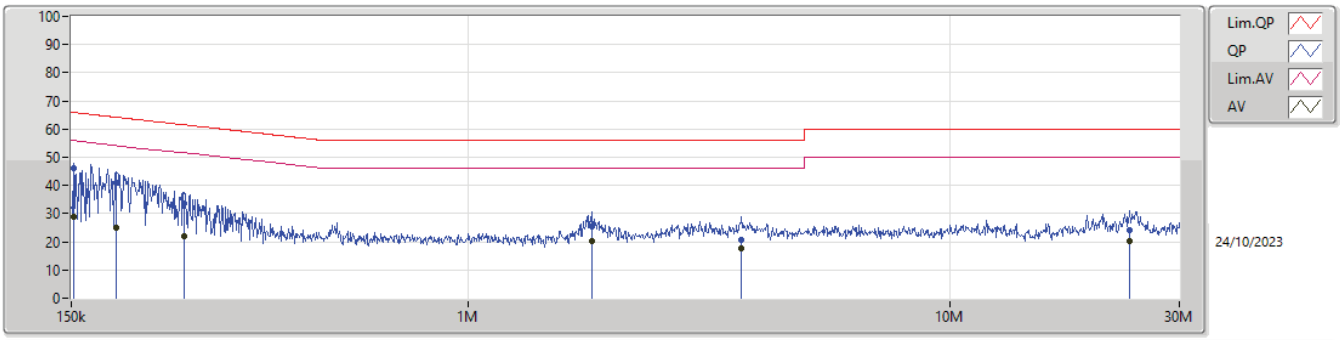
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	155.487k	44.66	65.69	-21.03	Line
Mode 1	Pass	AV	155.487k	28.18	55.69	-27.51	Line
Mode 1	Pass	QP	209.76k	37.89	63.21	-25.32	Line
Mode 1	Pass	AV	209.76k	23.06	53.21	-30.15	Line
Mode 1	Pass	QP	278.495k	30.84	60.86	-30.02	Line
Mode 1	Pass	AV	278.495k	18.75	50.86	-32.11	Line
Mode 1	Pass	QP	1.848M	19.59	56.00	-36.41	Line
Mode 1	Pass	AV	1.848M	15.82	46.00	-30.18	Line
Mode 1	Pass	QP	3.613M	22.44	56.00	-33.56	Line
Mode 1	Pass	AV	3.613M	19.35	46.00	-26.65	Line
Mode 1	Pass	QP	23.683M	24.69	60.00	-35.31	Line
Mode 1	Pass	AV	23.683M	20.15	50.00	-29.85	Line
Mode 1	Pass	QP	151.807k	45.92	65.90	-19.98	Neutral
Mode 1	Pass	AV	151.807k	29.00	55.90	-26.90	Neutral
Mode 1	Pass	QP	186.085k	40.93	64.20	-23.27	Neutral
Mode 1	Pass	AV	186.085k	24.96	54.20	-29.24	Neutral
Mode 1	Pass	QP	257.124k	33.64	61.53	-27.89	Neutral
Mode 1	Pass	AV	257.124k	22.13	51.53	-29.40	Neutral
Mode 1	Pass	QP	1.811M	25.23	56.00	-30.77	Neutral
Mode 1	Pass	AV	1.811M	20.15	46.00	-25.85	Neutral
Mode 1	Pass	QP	3.701M	20.64	56.00	-35.36	Neutral
Mode 1	Pass	AV	3.701M	17.75	46.00	-28.25	Neutral
Mode 1	Pass	QP	23.683M	24.22	60.00	-35.78	Neutral
Mode 1	Pass	AV	23.683M	20.17	50.00	-29.83	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	155.487k	44.66	65.69	-21.03	19.38	Line	-	25.28	9.57	0.03	9.78
AV	155.487k	28.18	55.69	-27.51	19.38	Line	-	8.80	9.57	0.03	9.78
QP	209.76k	37.89	63.21	-25.32	19.33	Line	-	18.56	9.56	0.03	9.74
AV	209.76k	23.06	53.21	-30.15	19.33	Line	-	3.73	9.56	0.03	9.74
QP	278.495k	30.84	60.86	-30.02	19.33	Line	-	11.51	9.56	0.03	9.74
AV	278.495k	18.75	50.86	-32.11	19.33	Line	-	-0.58	9.56	0.03	9.74
QP	1.848M	19.59	56.00	-36.41	19.47	Line	-	0.12	9.58	0.08	9.81
AV	1.848M	15.82	46.00	-30.18	19.47	Line	-	-3.65	9.58	0.08	9.81
QP	3.613M	22.44	56.00	-33.56	19.56	Line	-	2.88	9.60	0.12	9.84
AV	3.613M	19.35	46.00	-26.65	19.56	Line	-	-0.21	9.60	0.12	9.84
QP	23.683M	24.69	60.00	-35.31	20.00	Line	-	4.69	9.73	0.30	9.97
AV	23.683M	20.15	50.00	-29.85	20.00	Line	-	0.15	9.73	0.30	9.97

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	151.807k	45.92	65.90	-19.98	19.43	Neutral	-	26.49	9.62	0.03	9.78
AV	151.807k	29.00	55.90	-26.90	19.43	Neutral	-	9.57	9.62	0.03	9.78
QP	186.085k	40.93	64.20	-23.27	19.40	Neutral	-	21.53	9.62	0.03	9.75
AV	186.085k	24.96	54.20	-29.24	19.40	Neutral	-	5.56	9.62	0.03	9.75
QP	257.124k	33.64	61.53	-27.89	19.39	Neutral	-	14.25	9.62	0.03	9.74
AV	257.124k	22.13	51.53	-29.40	19.39	Neutral	-	2.74	9.62	0.03	9.74
QP	1.811M	25.23	56.00	-30.77	19.52	Neutral	-	5.71	9.64	0.08	9.80
AV	1.811M	20.15	46.00	-25.85	19.52	Neutral	-	0.63	9.64	0.08	9.80
QP	3.701M	20.64	56.00	-35.36	19.63	Neutral	-	1.01	9.66	0.12	9.85
AV	3.701M	17.75	46.00	-28.25	19.63	Neutral	-	-1.88	9.66	0.12	9.85
QP	23.683M	24.22	60.00	-35.78	20.28	Neutral	-	3.94	10.01	0.30	9.97
AV	23.683M	20.17	50.00	-29.83	20.28	Neutral	-	-0.11	10.01	0.30	9.97

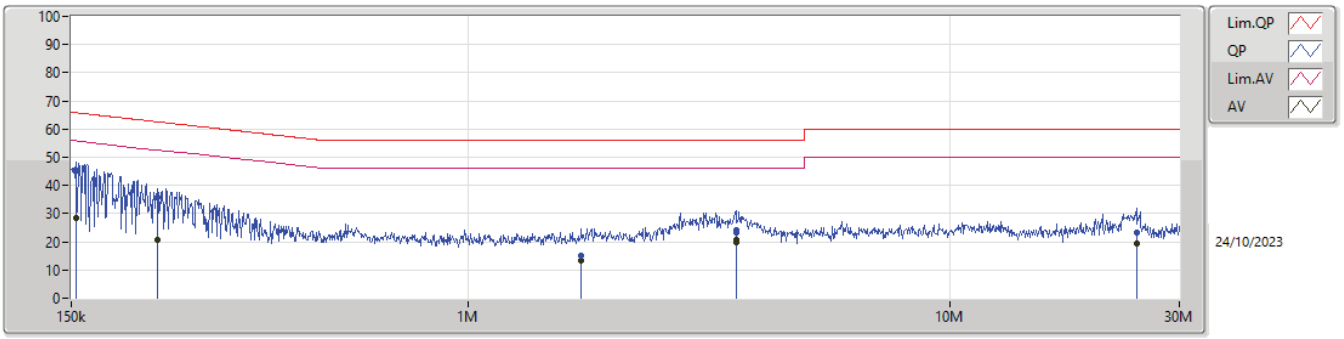
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	45.89	65.90	-20.01	Neutral

Result

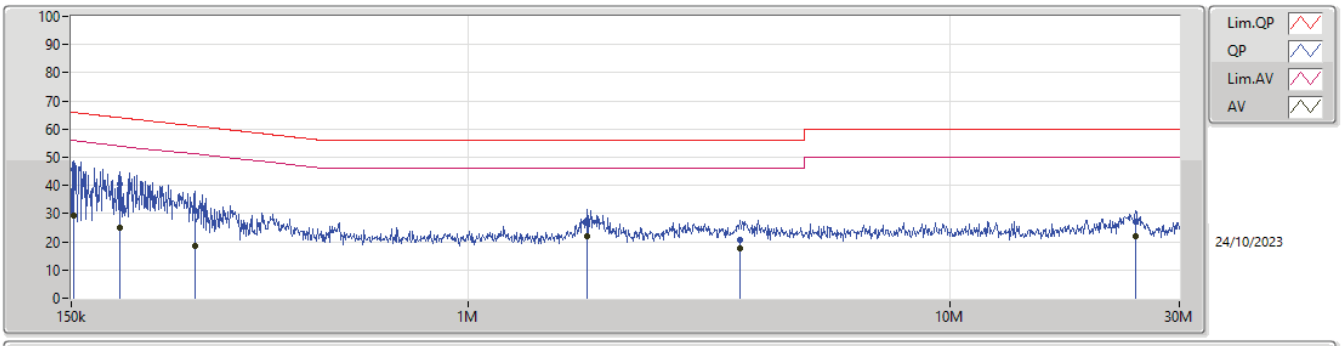
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.636k	45.20	65.81	-20.61	Line
Mode 1	Pass	AV	153.636k	28.35	55.81	-27.46	Line
Mode 1	Pass	QP	226.289k	35.90	62.58	-26.68	Line
Mode 1	Pass	AV	226.289k	20.59	52.58	-31.99	Line
Mode 1	Pass	QP	3.599M	24.33	56.00	-31.67	Line
Mode 1	Pass	AV	3.599M	20.68	46.00	-25.32	Line
Mode 1	Pass	QP	1.719M	15.27	56.00	-40.73	Line
Mode 1	Pass	AV	1.719M	13.53	46.00	-32.47	Line
Mode 1	Pass	QP	3.599M	23.46	56.00	-32.54	Line
Mode 1	Pass	AV	3.599M	20.01	46.00	-25.99	Line
Mode 1	Pass	QP	24.452M	23.11	60.00	-36.89	Line
Mode 1	Pass	AV	24.452M	19.34	50.00	-30.66	Line
Mode 1	Pass	QP	151.807k	45.89	65.90	-20.01	Neutral
Mode 1	Pass	AV	151.807k	29.12	55.90	-26.78	Neutral
Mode 1	Pass	QP	189.08k	40.68	64.07	-23.39	Neutral
Mode 1	Pass	AV	189.08k	25.20	54.07	-28.87	Neutral
Mode 1	Pass	QP	270.82k	30.82	61.09	-30.27	Neutral
Mode 1	Pass	AV	270.82k	18.69	51.09	-32.40	Neutral
Mode 1	Pass	QP	1.768M	27.80	56.00	-28.20	Neutral
Mode 1	Pass	AV	1.768M	21.87	46.00	-24.13	Neutral
Mode 1	Pass	QP	3.671M	20.84	56.00	-35.16	Neutral
Mode 1	Pass	AV	3.671M	17.83	46.00	-28.17	Neutral
Mode 1	Pass	QP	24.354M	27.00	60.00	-33.00	Neutral
Mode 1	Pass	AV	24.354M	22.16	50.00	-27.84	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	153.636k	45.20	65.81	-20.61	19.38	Line	-	25.82	9.57	0.03	9.78
AV	153.636k	28.35	55.81	-27.46	19.38	Line	-	8.97	9.57	0.03	9.78
QP	226.289k	35.90	62.58	-26.68	19.33	Line	-	16.57	9.56	0.03	9.74
AV	226.289k	20.59	52.58	-31.99	19.33	Line	-	1.26	9.56	0.03	9.74
QP	3.599M	24.33	56.00	-31.67	19.56	Line	-	4.77	9.60	0.12	9.84
AV	3.599M	20.68	46.00	-25.32	19.56	Line	-	1.12	9.60	0.12	9.84
QP	1.719M	15.27	56.00	-40.73	19.45	Line	-	-4.18	9.58	0.07	9.80
AV	1.719M	13.53	46.00	-32.47	19.45	Line	-	-5.92	9.58	0.07	9.80
QP	3.599M	23.46	56.00	-32.54	19.56	Line	-	3.90	9.60	0.12	9.84
AV	3.599M	20.01	46.00	-25.99	19.56	Line	-	0.45	9.60	0.12	9.84
QP	24.452M	23.11	60.00	-36.89	20.02	Line	-	3.09	9.74	0.31	9.97
AV	24.452M	19.34	50.00	-30.66	20.02	Line	-	-0.68	9.74	0.31	9.97

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	151.807k	45.89	65.90	-20.01	19.43	Neutral	-	26.46	9.62	0.03	9.78
AV	151.807k	29.12	55.90	-26.78	19.43	Neutral	-	9.69	9.62	0.03	9.78
QP	189.08k	40.68	64.07	-23.39	19.40	Neutral	-	21.28	9.62	0.03	9.75
AV	189.08k	25.20	54.07	-28.87	19.40	Neutral	-	5.80	9.62	0.03	9.75
QP	270.82k	30.82	61.09	-30.27	19.39	Neutral	-	11.43	9.62	0.03	9.74
AV	270.82k	18.69	51.09	-32.40	19.39	Neutral	-	-0.70	9.62	0.03	9.74
QP	1.768M	27.80	56.00	-28.20	19.51	Neutral	-	8.29	9.64	0.07	9.80
AV	1.768M	21.87	46.00	-24.13	19.51	Neutral	-	2.36	9.64	0.07	9.80
QP	3.671M	20.84	56.00	-35.16	19.63	Neutral	-	1.21	9.66	0.12	9.85
AV	3.671M	17.83	46.00	-28.17	19.63	Neutral	-	-1.80	9.66	0.12	9.85
QP	24.354M	27.00	60.00	-33.00	20.30	Neutral	-	6.70	10.02	0.31	9.97
AV	24.354M	22.16	50.00	-27.84	20.30	Neutral	-	1.86	10.02	0.31	9.97

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	25.85M	17.063M	17M1D1D	20.9M	16.536M
802.11ax HEW20_Nss1,(MCS0)_2TX	35.53M	19.215M	19M2D1D	20.405M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	46.42M	37.781M	37M8D1D	39.16M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.3M	76.862M	76M9D1D	80.08M	76.762M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.51M	16.888M	16M9D1D	20.625M	16.602M
802.11ax HEW20_Nss1,(MCS0)_2TX	29.59M	19.19M	19M2D1D	21.23M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.44M	37.681M	37M7D1D	39.05M	37.431M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	76.962M	77M0D1D	80.3M	76.262M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.395M	16.866M	16M9D1D	15.105M	13.328M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.395M	19.09M	19M1D1D	15.585M	14.513M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.49M	37.681M	37M7D1D	34.51M	33.583M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	77.161M	77M2D1D	74.55M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	18.823M	18M8D1D	3.16M	4.198M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.195M	19.24M	19M2D1D	4.5M	4.658M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.84M	37.781M	37M8D1D	3.92M	4.318M
802.11ax HEW80_Nss1,(MCS0)_2TX	75.02M	77.061M	77M1D1D	3.82M	4.998M

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

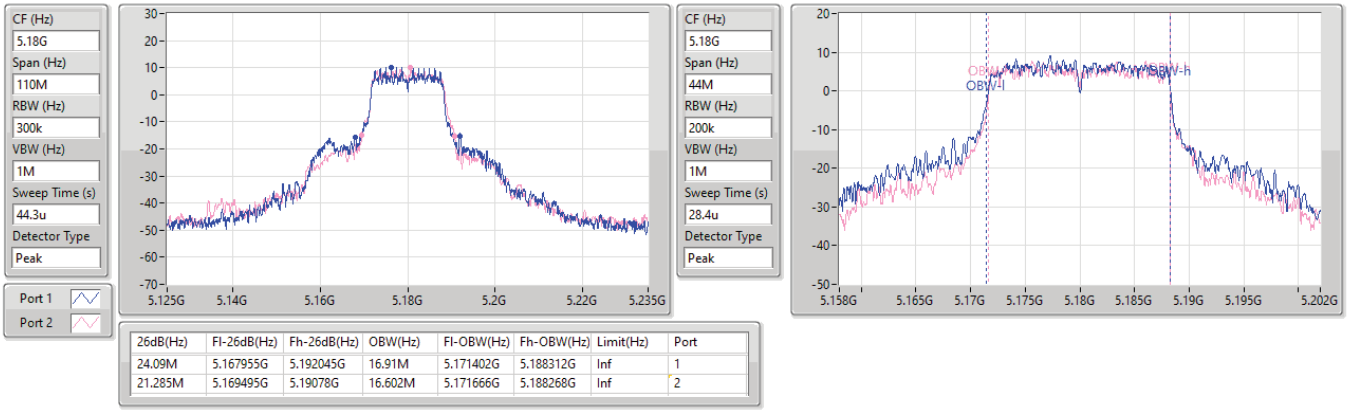
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.09M	16.91M	21.285M	16.602M
5200MHz	Pass	Inf	25.85M	17.063M	21.725M	16.668M
5240MHz	Pass	Inf	22.055M	16.734M	20.9M	16.536M
5260MHz	Pass	Inf	26.51M	16.69M	21.23M	16.602M
5300MHz	Pass	Inf	21.065M	16.888M	20.845M	16.602M
5320MHz	Pass	Inf	21.395M	16.734M	20.625M	16.646M
5500MHz	Pass	Inf	20.515M	16.514M	20.9M	16.624M
5580MHz	Pass	Inf	21.395M	16.558M	21.065M	16.756M
5700MHz	Pass	Inf	20.57M	16.866M	20.35M	16.558M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.105M	13.328M	15.375M	13.328M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.398M	3.16M	4.198M
5745MHz	Pass	500k	16.5M	16.778M	16.445M	16.844M
5785MHz	Pass	500k	16.445M	18.823M	16.5M	16.91M
5825MHz	Pass	500k	16.445M	17.437M	16.445M	17.657M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.405M	18.916M	21.285M	19.065M
5200MHz	Pass	Inf	35.53M	19.215M	23.155M	19.09M
5240MHz	Pass	Inf	27.115M	19.115M	22.165M	18.991M
5260MHz	Pass	Inf	29.59M	19.19M	21.34M	19.04M
5300MHz	Pass	Inf	22M	19.065M	21.34M	19.015M
5320MHz	Pass	Inf	22.11M	18.916M	21.23M	19.04M
5500MHz	Pass	Inf	21.34M	19.015M	21.065M	19.04M
5580MHz	Pass	Inf	20.79M	19.015M	20.9M	19.09M
5700MHz	Pass	Inf	21.395M	18.941M	20.57M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.585M	14.513M	15.75M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.658M	4.5M	4.818M
5745MHz	Pass	500k	19.14M	19.115M	19.03M	19.09M
5785MHz	Pass	500k	19.03M	19.24M	19.195M	19.115M
5825MHz	Pass	500k	19.03M	19.24M	19.03M	19.215M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.16M	37.581M	39.27M	37.481M
5230MHz	Pass	Inf	46.42M	37.781M	39.82M	37.581M
5270MHz	Pass	Inf	44.44M	37.681M	42.68M	37.431M
5310MHz	Pass	Inf	39.16M	37.681M	39.05M	37.481M
5510MHz	Pass	Inf	38.83M	37.531M	38.94M	37.581M
5550MHz	Pass	Inf	39.05M	37.681M	38.94M	37.431M
5670MHz	Pass	Inf	39.49M	37.631M	39.27M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.583M	34.51M	33.618M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	12.834M	3.94M	4.318M
5755MHz	Pass	500k	37.73M	37.781M	35.09M	37.631M
5795MHz	Pass	500k	37.84M	37.781M	36.41M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.08M	76.762M	80.3M	76.862M
5290MHz	Pass	Inf	80.3M	76.262M	80.52M	76.962M
5530MHz	Pass	Inf	80.08M	76.862M	80.08M	76.962M
5610MHz	Pass	Inf	80.3M	76.862M	80.52M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.55M	73.163M	74.55M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	8.576M	3.82M	4.998M
5775MHz	Pass	500k	74.14M	77.061M	75.02M	76.862M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5180MHz

04/10/2023

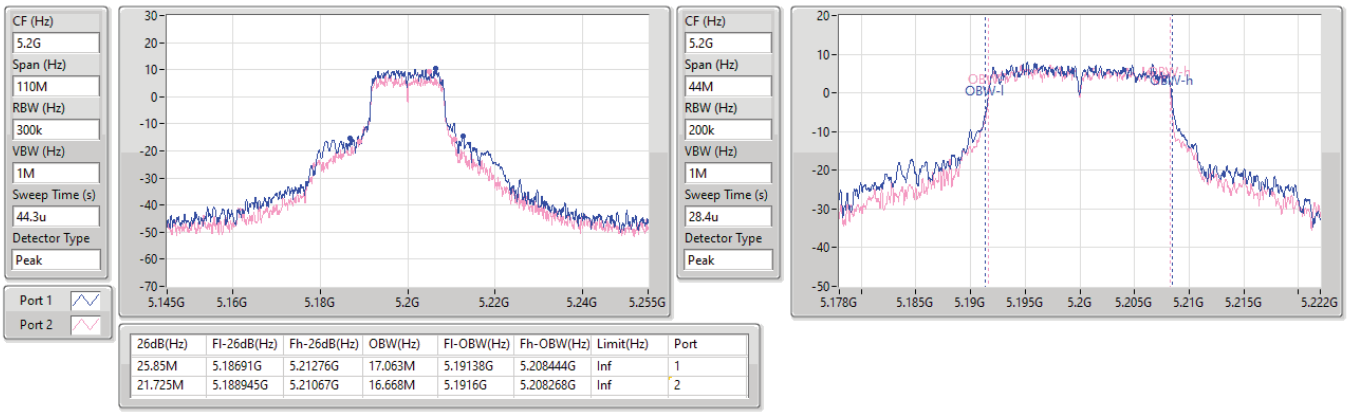


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.09M	5.167955G	5.192045G	16.91M	5.171402G	5.188312G	Inf	1
21.285M	5.169495G	5.19078G	16.602M	5.171666G	5.188268G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5200MHz

04/10/2023

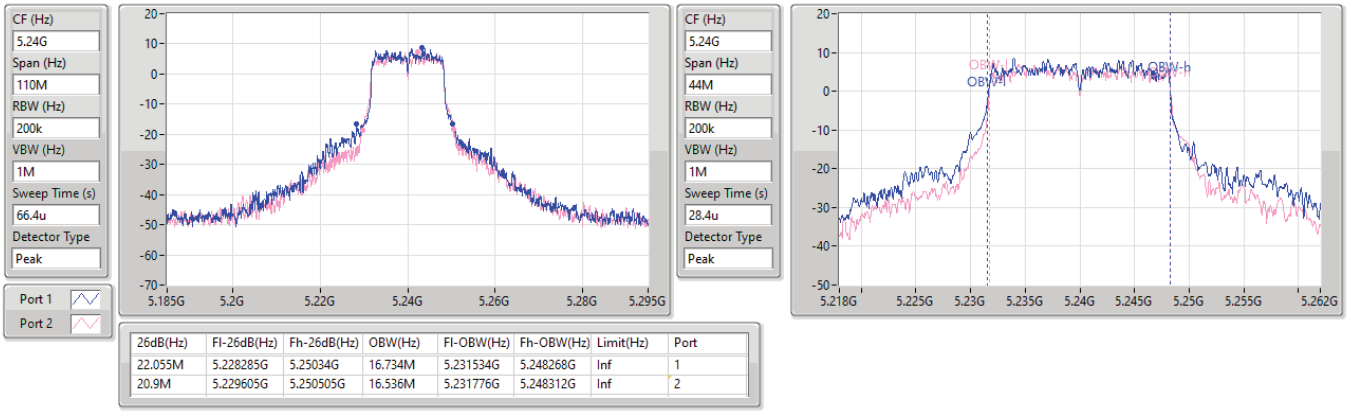


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.85M	5.18691G	5.21276G	17.063M	5.19138G	5.208444G	Inf	1
21.725M	5.188945G	5.21067G	16.668M	5.1916G	5.208268G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5240MHz

04/10/2023

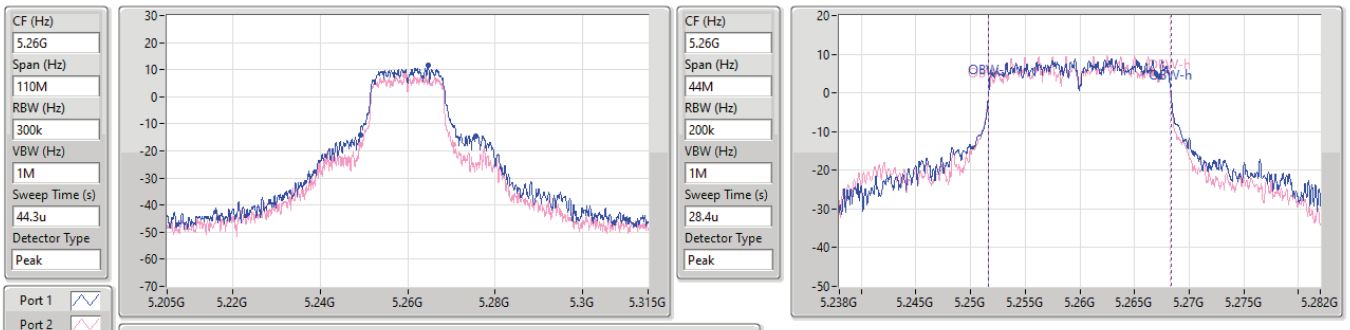


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.055M	5.228285G	5.25034G	16.734M	5.231534G	5.248268G	Inf	1
20.9M	5.229605G	5.250505G	16.536M	5.231776G	5.248312G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5260MHz

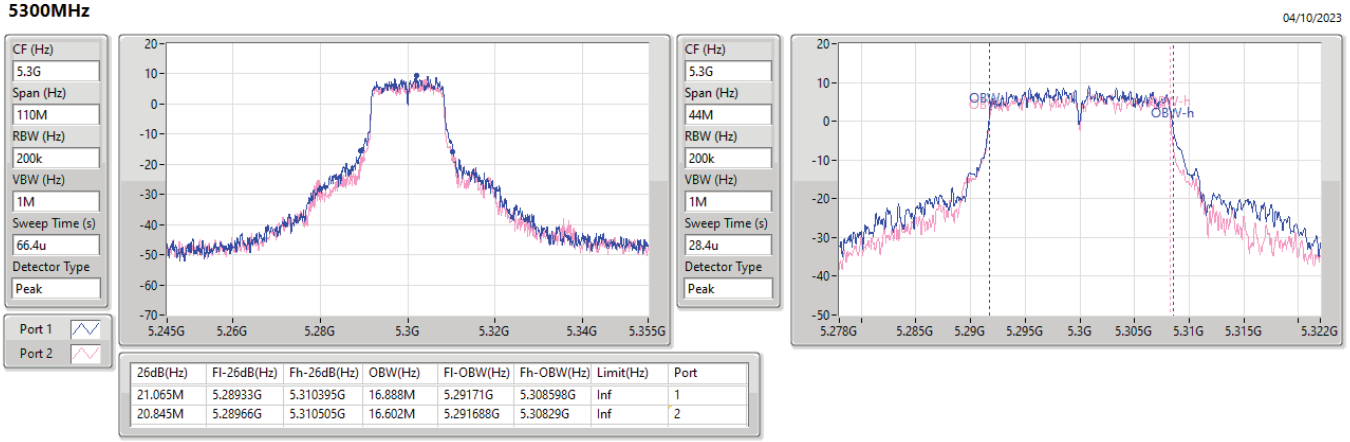
04/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.51M	5.249165G	5.275675G	16.69M	5.251666G	5.268356G	Inf	1
21.23M	5.24922G	5.27045G	16.602M	5.251644G	5.268246G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

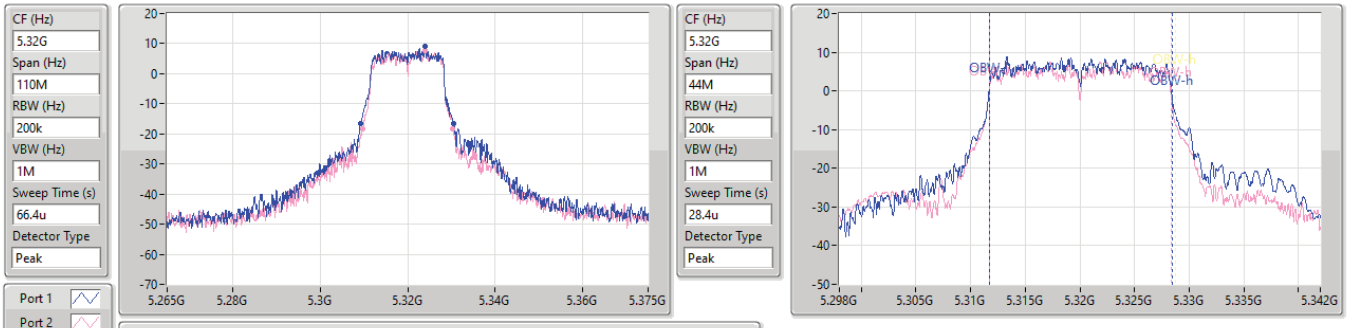
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	5.28933G	5.310395G	16.888M	5.29171G	5.308598G	Inf	1
20.845M	5.28966G	5.310505G	16.602M	5.291688G	5.30829G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5320MHz

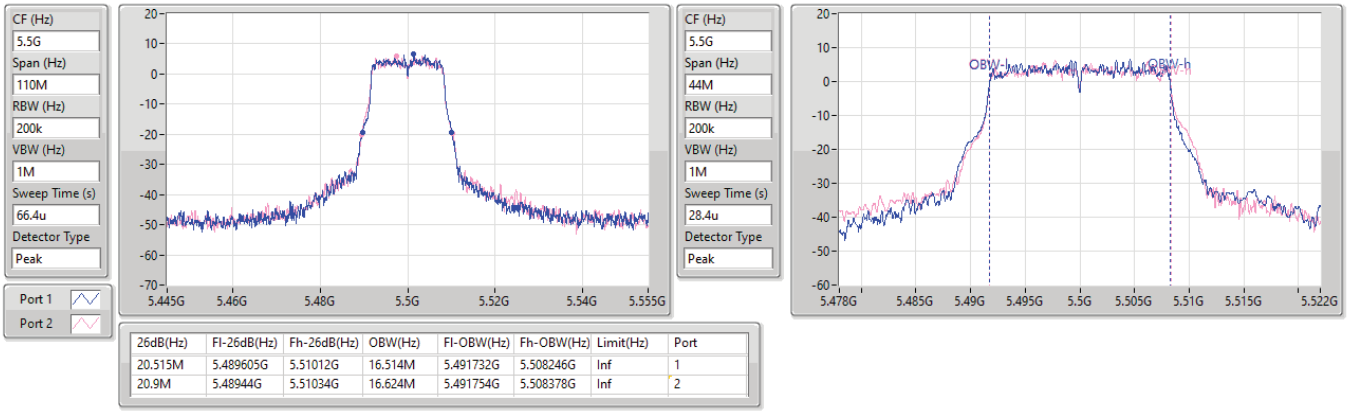


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.30922G	5.330615G	16.734M	5.311732G	5.328466G	Inf	1
20.625M	5.309715G	5.33034G	16.646M	5.311688G	5.328334G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5500MHz

04/10/2023

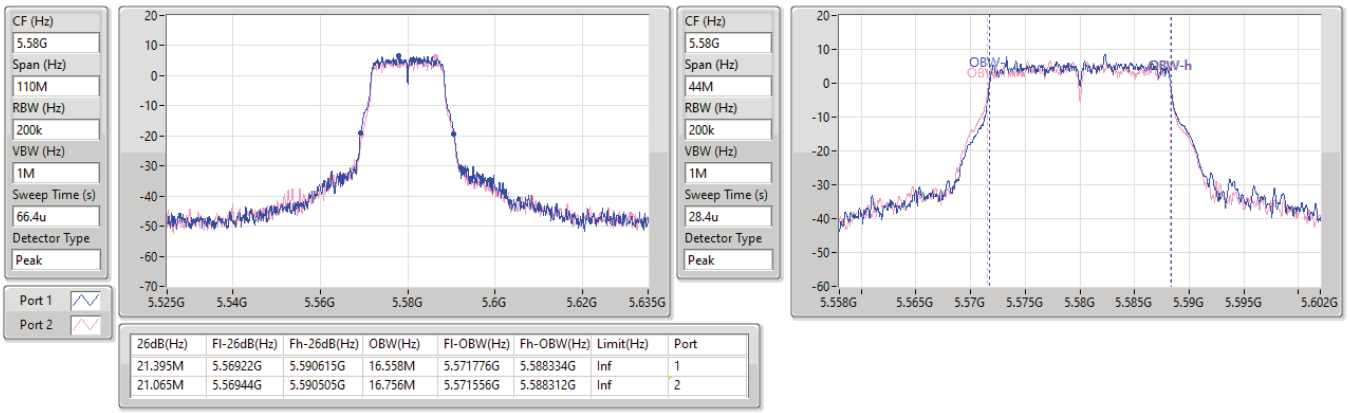


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.515M	5.489605G	5.51012G	16.514M	5.491732G	5.508246G	Inf	1
20.9M	5.48944G	5.51034G	16.624M	5.491754G	5.508378G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5580MHz

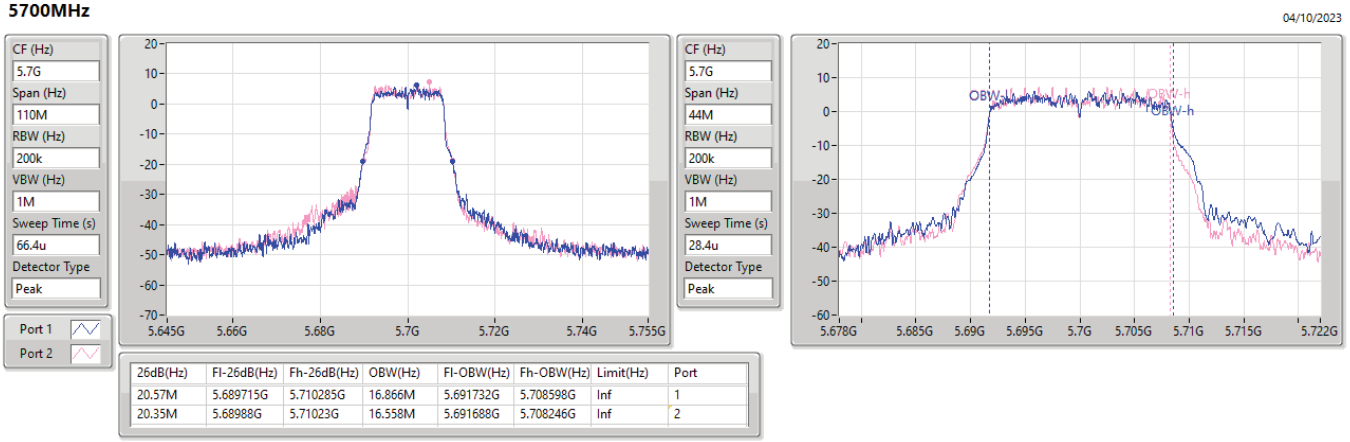
04/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.56922G	5.590615G	16.558M	5.571776G	5.588334G	Inf	1
21.065M	5.56944G	5.590505G	16.756M	5.571556G	5.588312G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

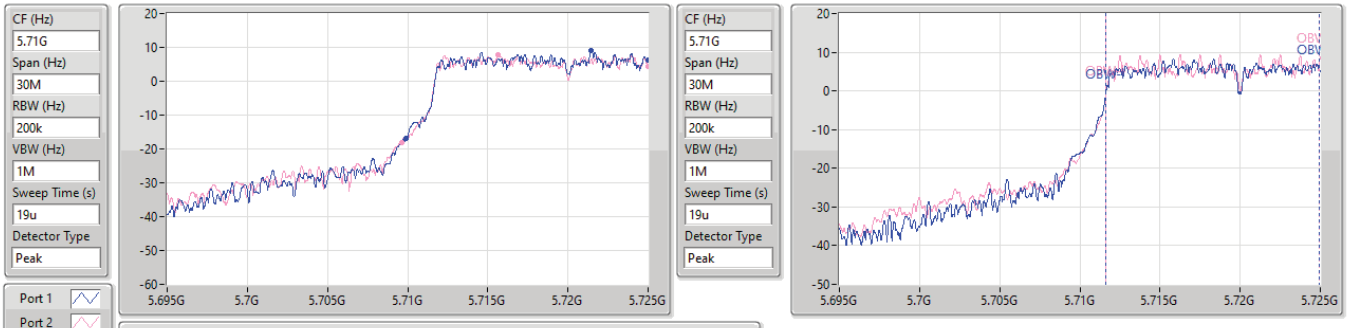
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.57M	5.689715G	5.710285G	16.866M	5.691732G	5.708598G	Inf	1
20.35M	5.68988G	5.71023G	16.558M	5.691688G	5.708246G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

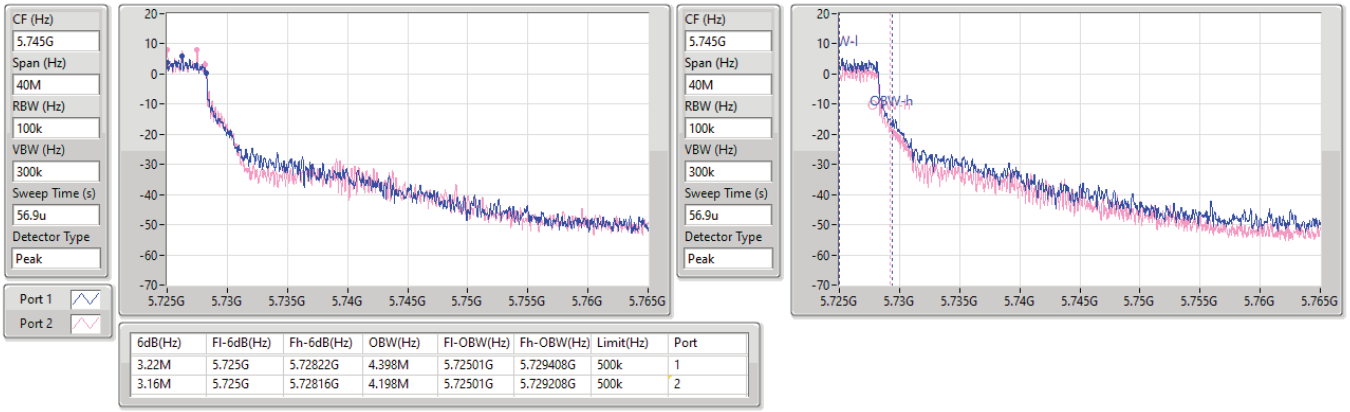


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.105M	5.709895G	5.725G	13.328M	5.711604G	5.724933G	Inf	1
15.375M	5.709625G	5.725G	13.328M	5.711634G	5.724963G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

04/10/2023

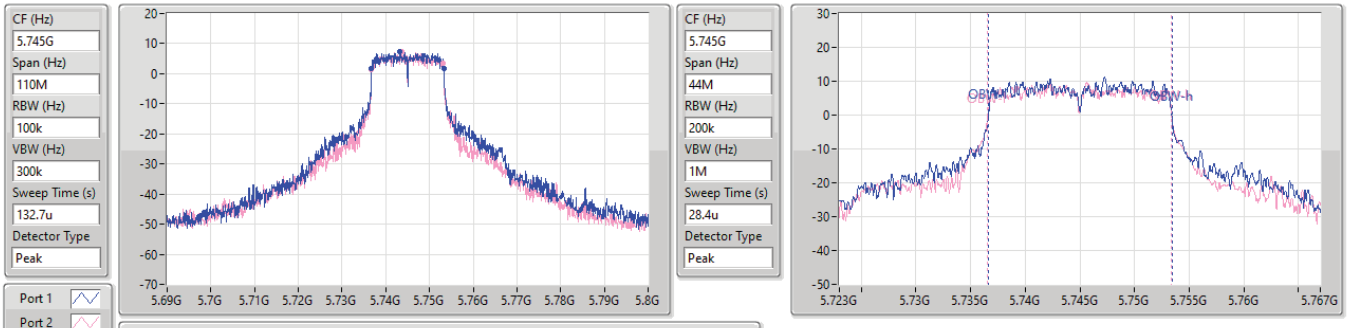


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.22M	5.725G	5.72822G	4.398M	5.72501G	5.729408G	500k	1
3.16M	5.725G	5.72816G	4.198M	5.72501G	5.729208G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5745MHz

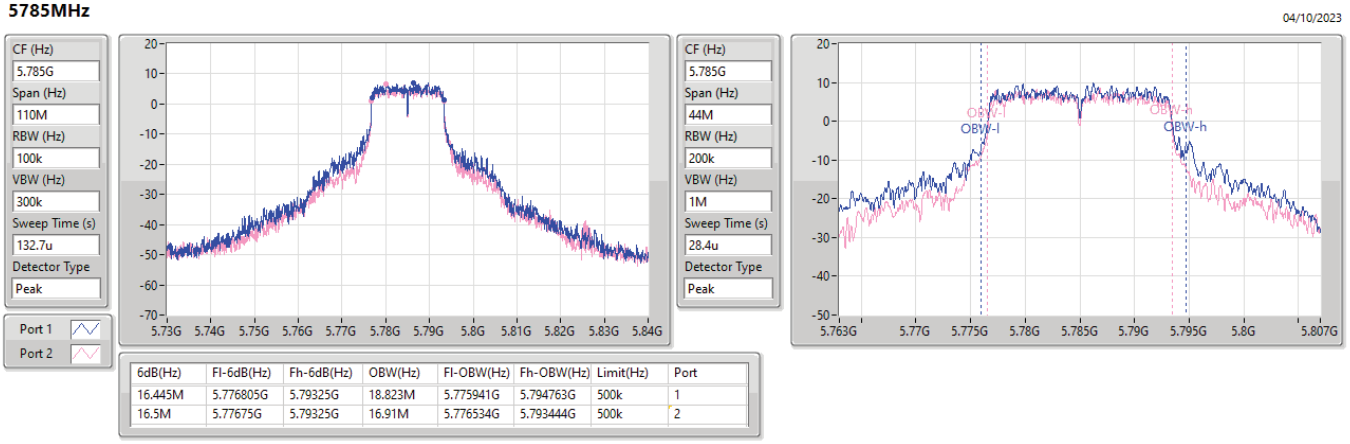
04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.73675G	5.75325G	16.778M	5.736644G	5.753422G	500k	1
16.445M	5.73675G	5.753195G	16.844M	5.736556G	5.7534G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

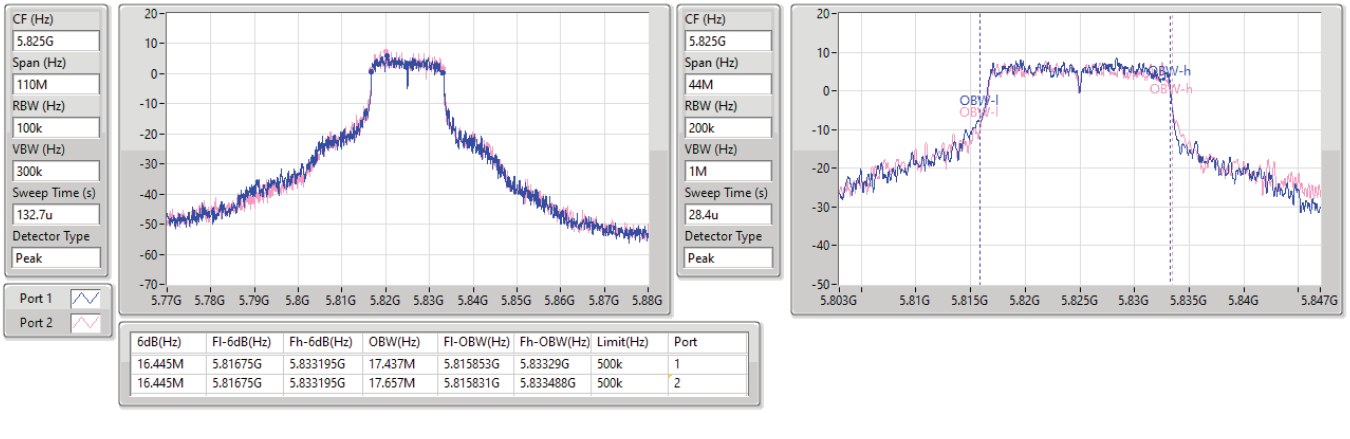
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.776805G	5.79325G	18.823M	5.775941G	5.794763G	500k	1
16.5M	5.77675G	5.79325G	16.91M	5.776534G	5.793444G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5825MHz

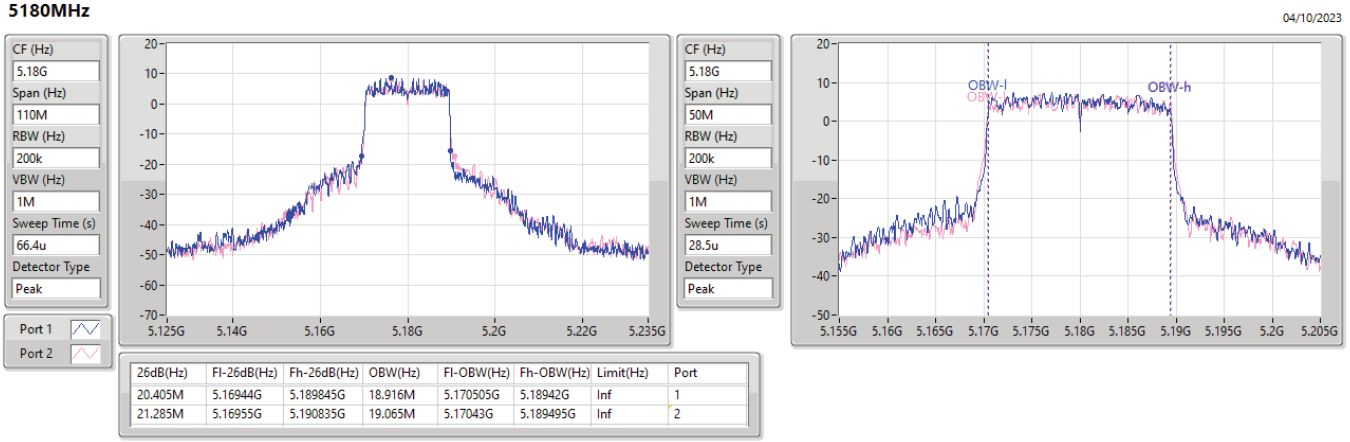


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.81675G	5.833195G	17.437M	5.815853G	5.83329G	500k	1
16.445M	5.81675G	5.833195G	17.657M	5.815831G	5.833488G	500k	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5180MHz

04/10/2023

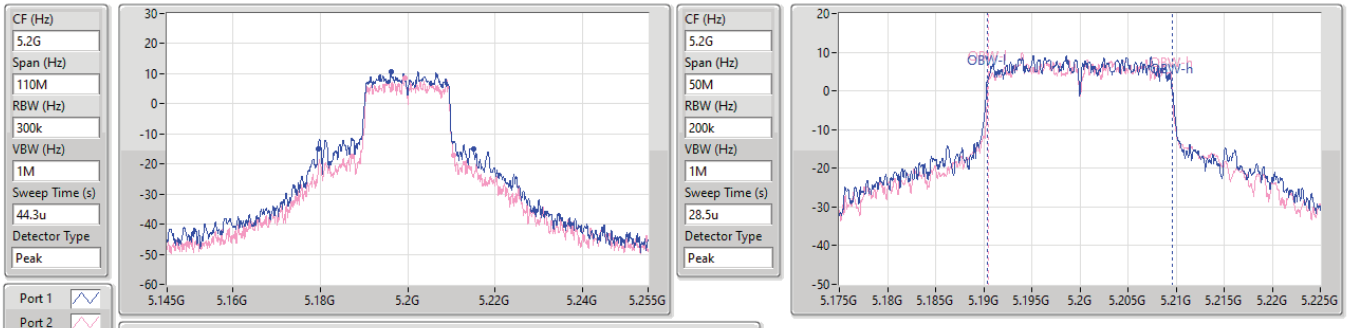


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.16944G	5.189845G	18.916M	5.170505G	5.18942G	Inf	1
21.285M	5.16955G	5.190835G	19.065M	5.17043G	5.189495G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5200MHz

04/10/2023

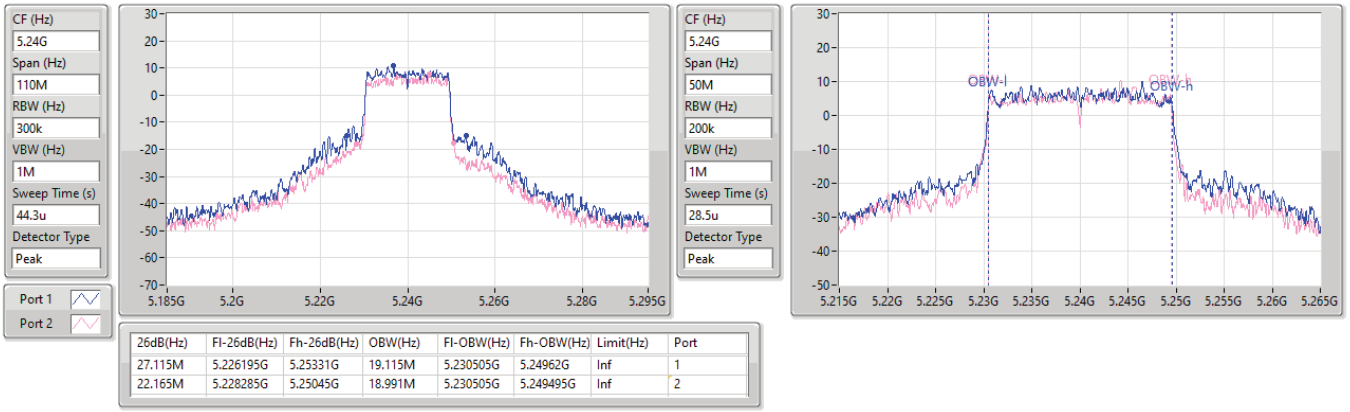


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.53M	5.179485G	5.215015G	19.215M	5.190355G	5.20957G	Inf	1
23.155M	5.187405G	5.21056G	19.09M	5.19048G	5.20957G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5240MHz

04/10/2023

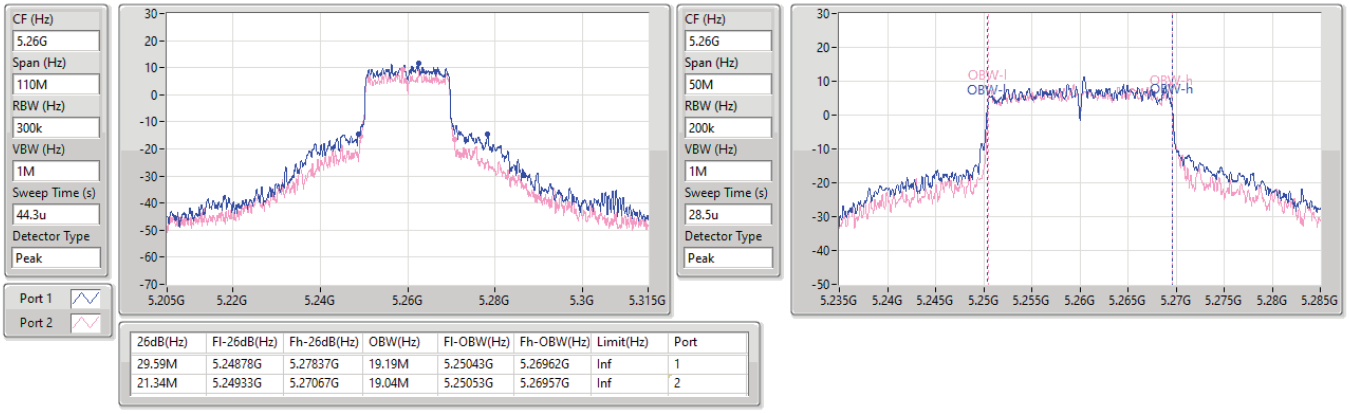


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.115M	5.226195G	5.25331G	19.115M	5.230505G	5.24962G	Inf	1
22.165M	5.228285G	5.25045G	18.991M	5.230505G	5.249495G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5260MHz

04/10/2023

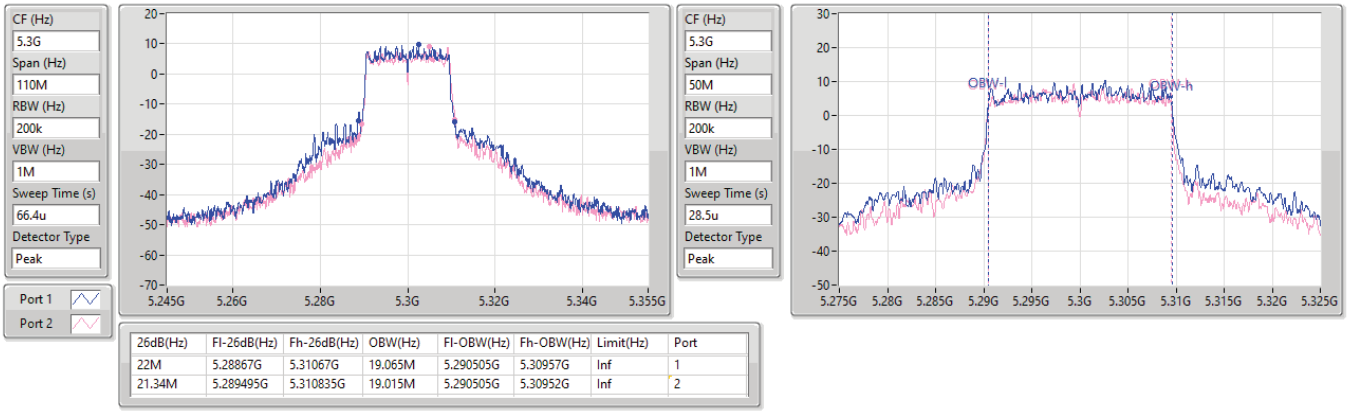


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.59M	5.24878G	5.27837G	19.19M	5.25043G	5.26962G	Inf	1
21.34M	5.24933G	5.27067G	19.04M	5.25053G	5.26957G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5300MHz

04/10/2023

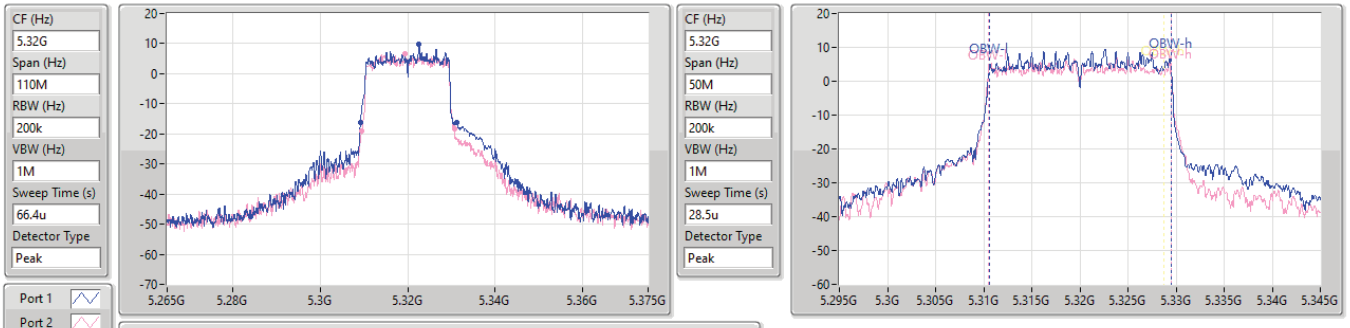


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.28867G	5.31067G	19.065M	5.290505G	5.30957G	Inf	1
21.34M	5.289495G	5.310835G	19.015M	5.290505G	5.30952G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5320MHz

04/10/2023

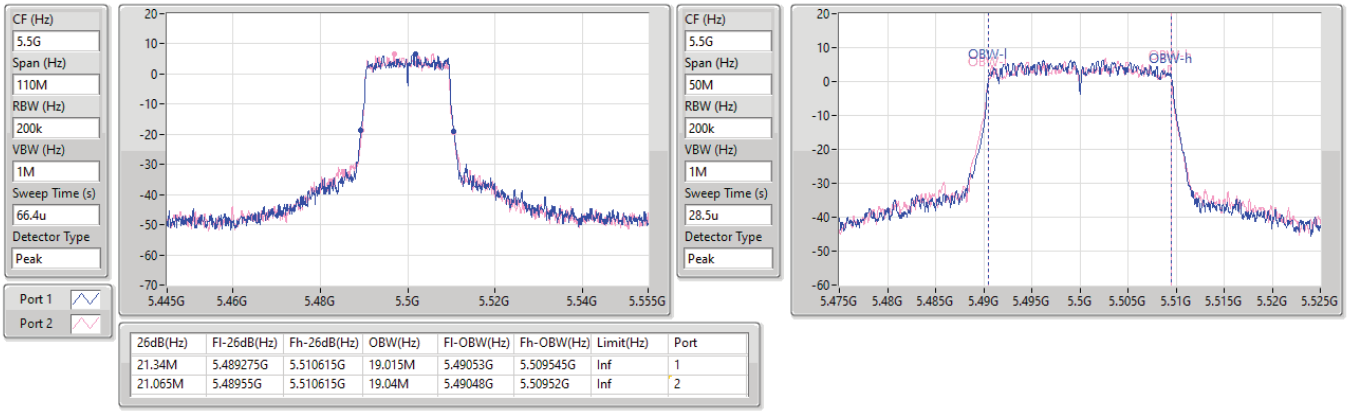


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.11M	5.30922G	5.33133G	18.916M	5.310555G	5.32947G	Inf	1
21.23M	5.309495G	5.330725G	19.04M	5.310455G	5.329495G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5500MHz

04/10/2023

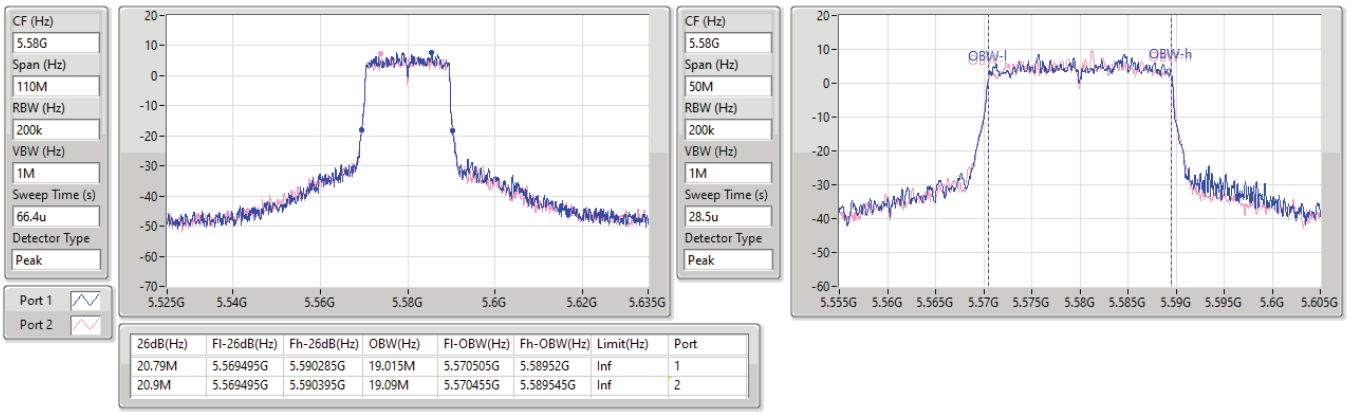


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.34M	5.489275G	5.510615G	19.015M	5.49053G	5.509545G	Inf	1
21.065M	5.48955G	5.510615G	19.04M	5.49048G	5.50952G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5580MHz

04/10/2023

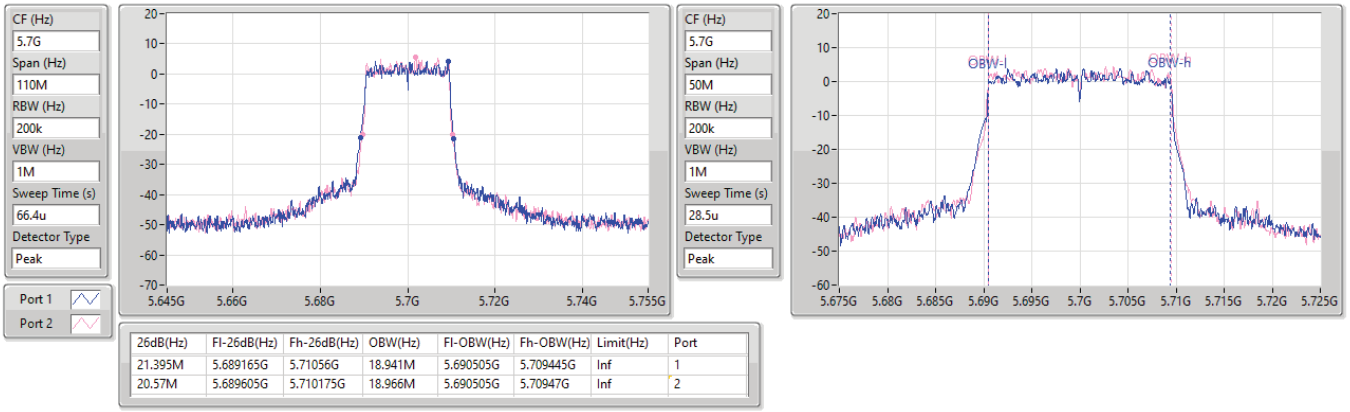


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.569495G	5.590285G	19.015M	5.570505G	5.58952G	Inf	1
20.9M	5.569495G	5.590395G	19.09M	5.570455G	5.589545G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5700MHz

04/10/2023

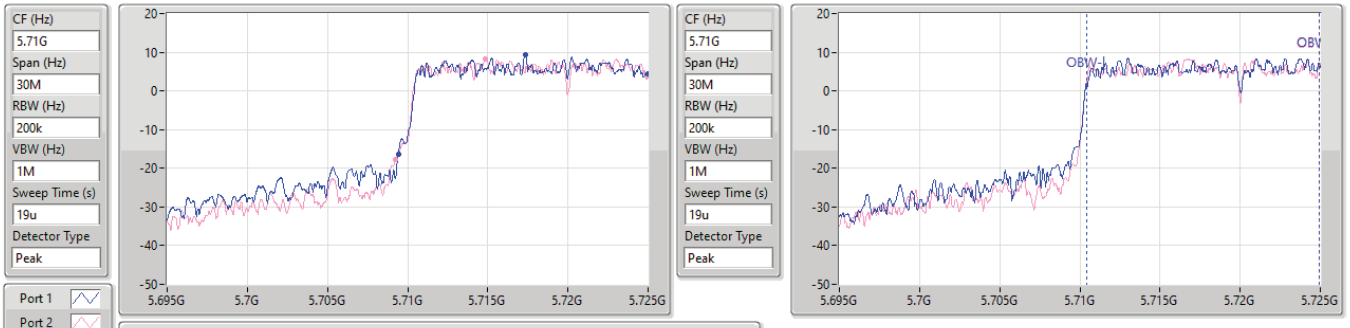


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.689165G	5.71056G	18.941M	5.690505G	5.709445G	Inf	1
20.57M	5.689605G	5.710175G	18.966M	5.690505G	5.70947G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

04/10/2023

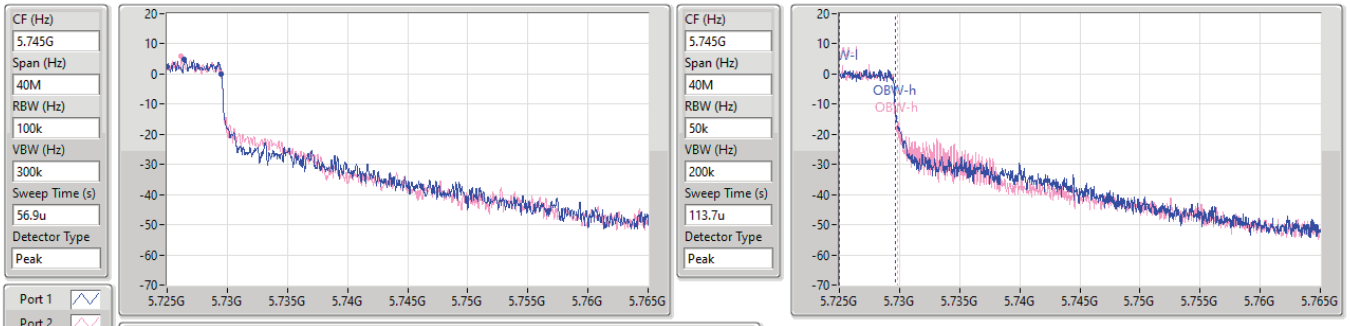


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.585M	5.709415G	5.725G	14.513M	5.71042G	5.724933G	Inf	1
15.75M	5.70925G	5.725G	14.528M	5.71042G	5.724948G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

04/10/2023

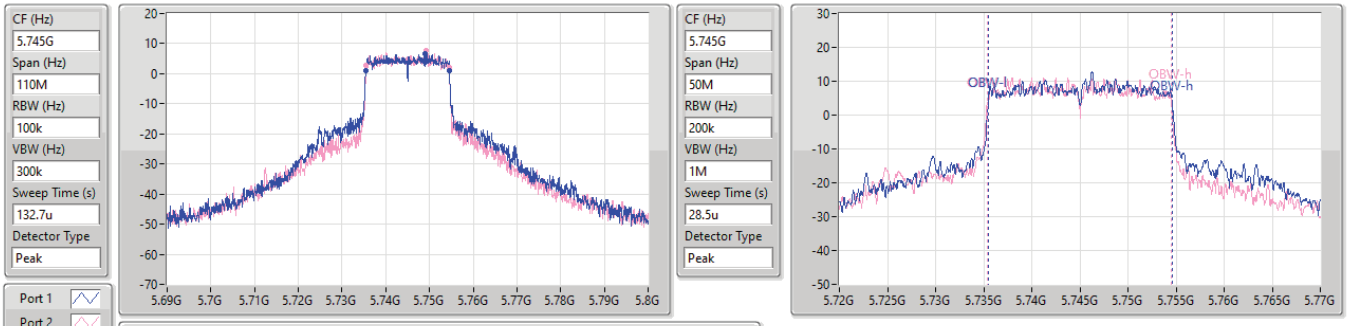


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.52M	5.725G	5.72952G	4.658M	5.72503G	5.729688G	500k	1
4.5M	5.725G	5.7295G	4.818M	5.72501G	5.729828G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5745MHz

04/10/2023

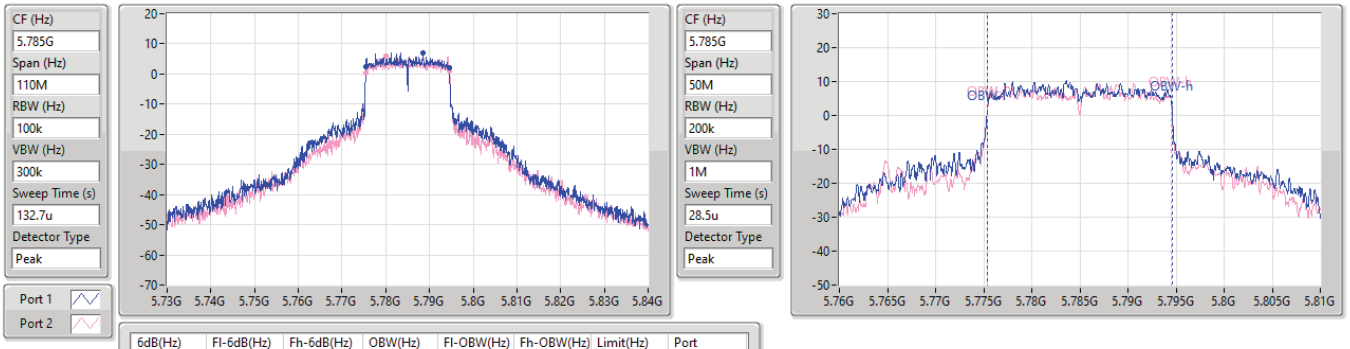


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.73543G	5.75457G	19.115M	5.73548G	5.754595G	500k	1
19.03M	5.735485G	5.754515G	19.09M	5.73538G	5.75447G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5785MHz

04/10/2023

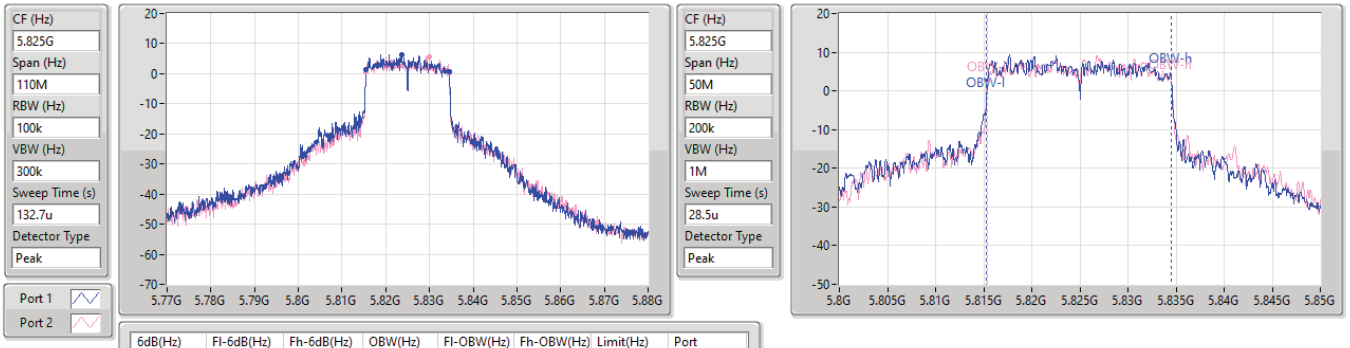


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.775485G	5.794515G	19.24M	5.77533G	5.79457G	500k	1
19.195M	5.77543G	5.794625G	19.115M	5.775405G	5.79452G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5825MHz

04/10/2023

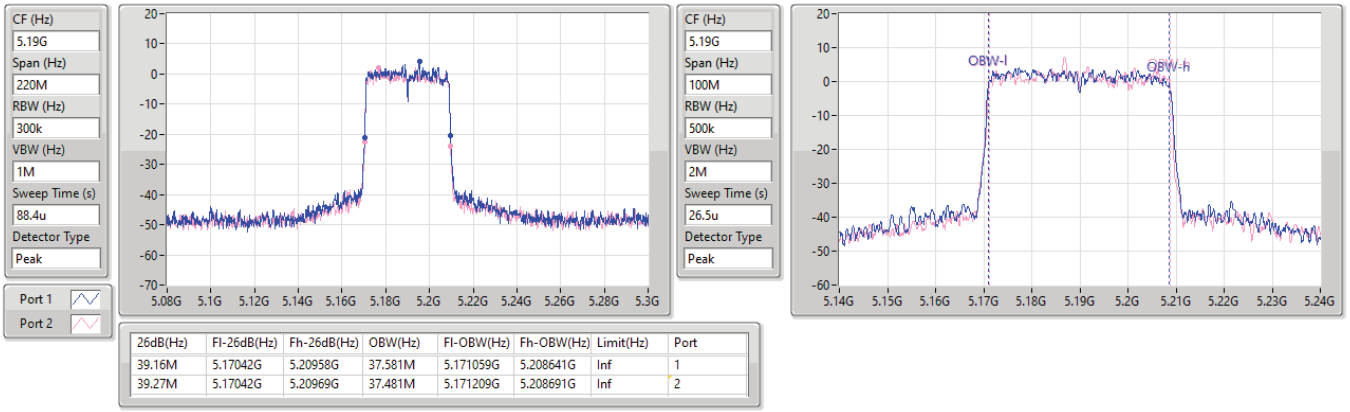


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.815485G	5.834515G	19.24M	5.81528G	5.83452G	500k	1
19.03M	5.815485G	5.834515G	19.215M	5.81533G	5.834545G	500k	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5190MHz

04/10/2023

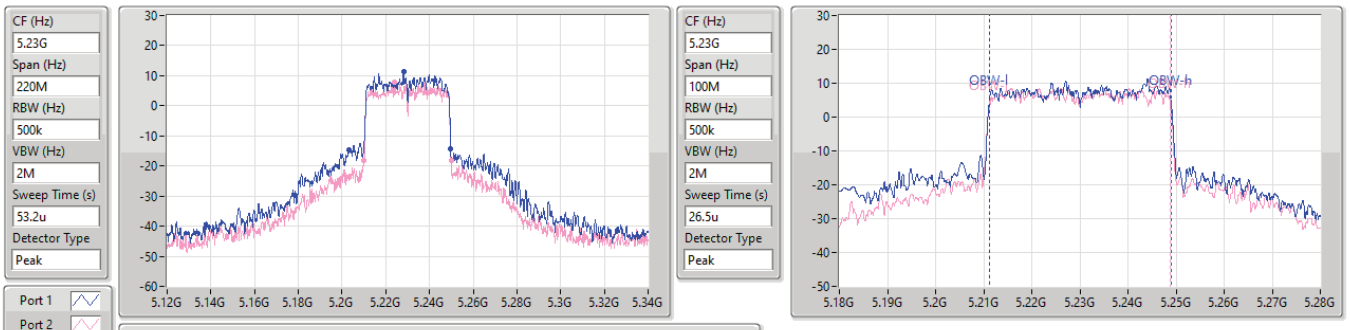


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	5.17042G	5.20958G	37.581M	5.171059G	5.208641G	Inf	1
39.27M	5.17042G	5.20969G	37.481M	5.171209G	5.208691G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5230MHz

04/10/2023

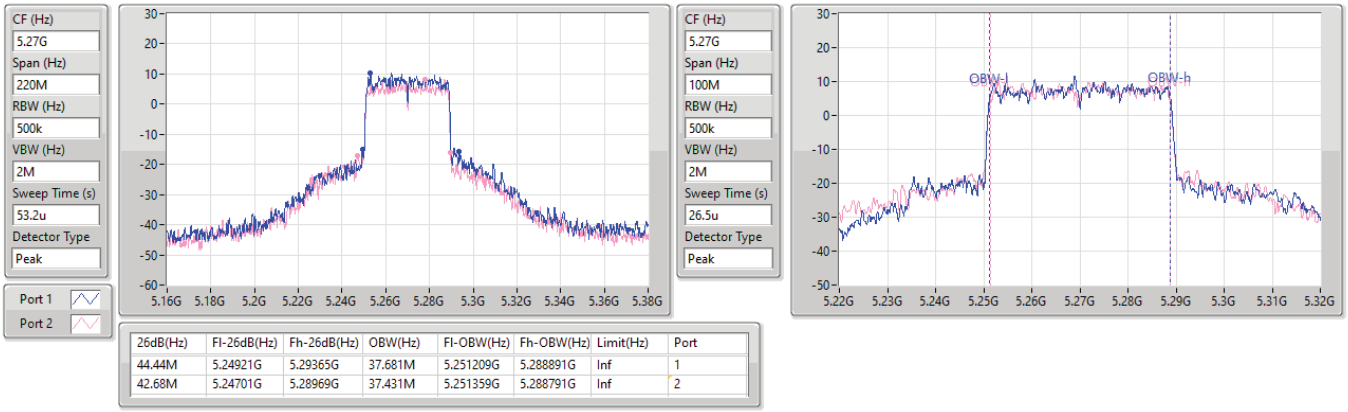


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.42M	5.20316G	5.24958G	37.781M	5.211159G	5.248941G	Inf	1
39.82M	5.21009G	5.24991G	37.581M	5.211209G	5.248791G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5270MHz

04/10/2023

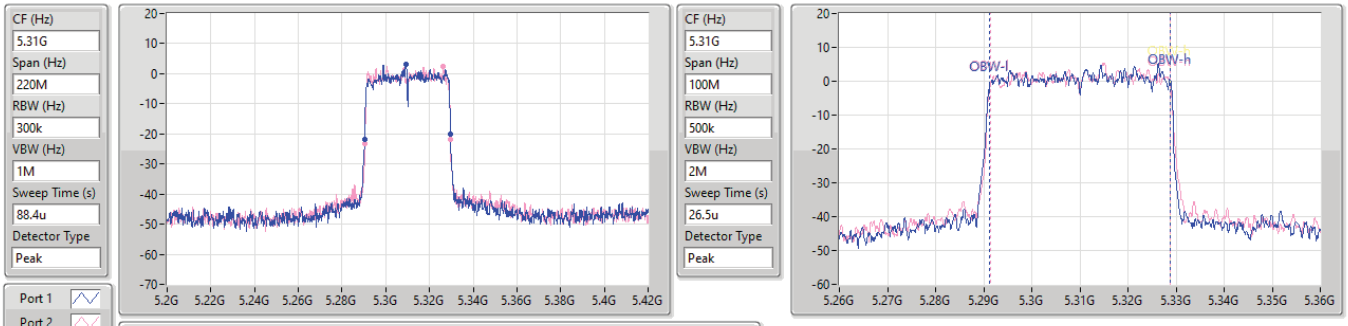


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.44M	5.24921G	5.29365G	37.681M	5.251209G	5.288891G	Inf	1
42.68M	5.24701G	5.28969G	37.431M	5.251359G	5.288791G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5310MHz

04/10/2023

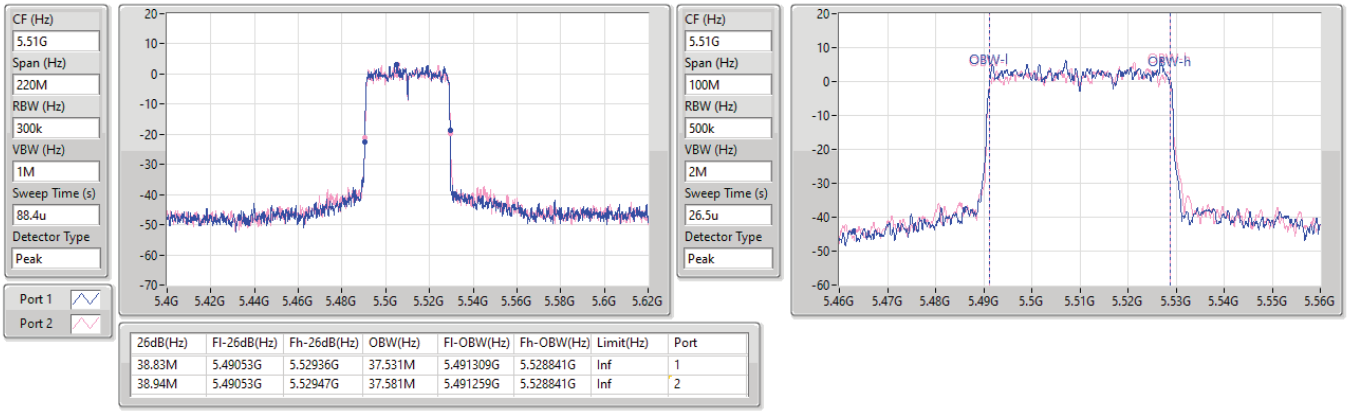


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	5.29031G	5.32947G	37.681M	5.291209G	5.328891G	Inf	1
39.05M	5.29053G	5.32958G	37.481M	5.291359G	5.328841G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5510MHz

04/10/2023

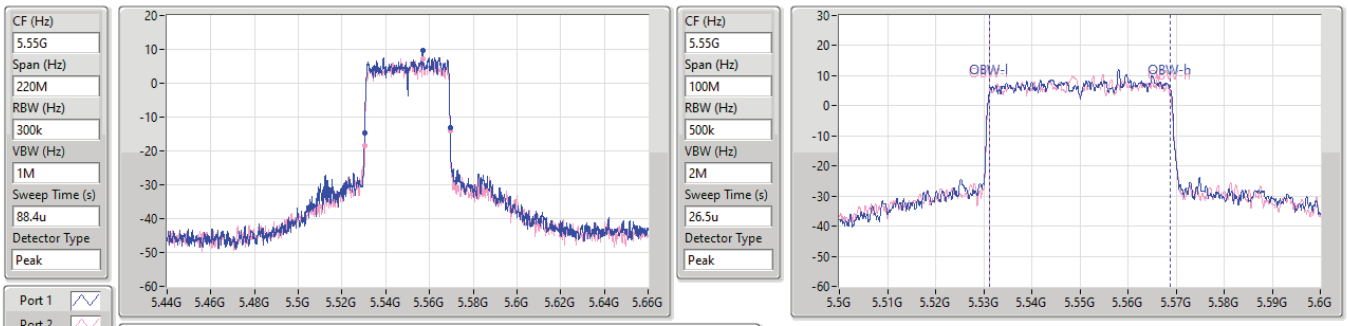


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	5.49053G	5.52936G	37.531M	5.491309G	5.528841G	Inf	1
38.94M	5.49053G	5.52947G	37.581M	5.491259G	5.528841G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5550MHz

04/10/2023

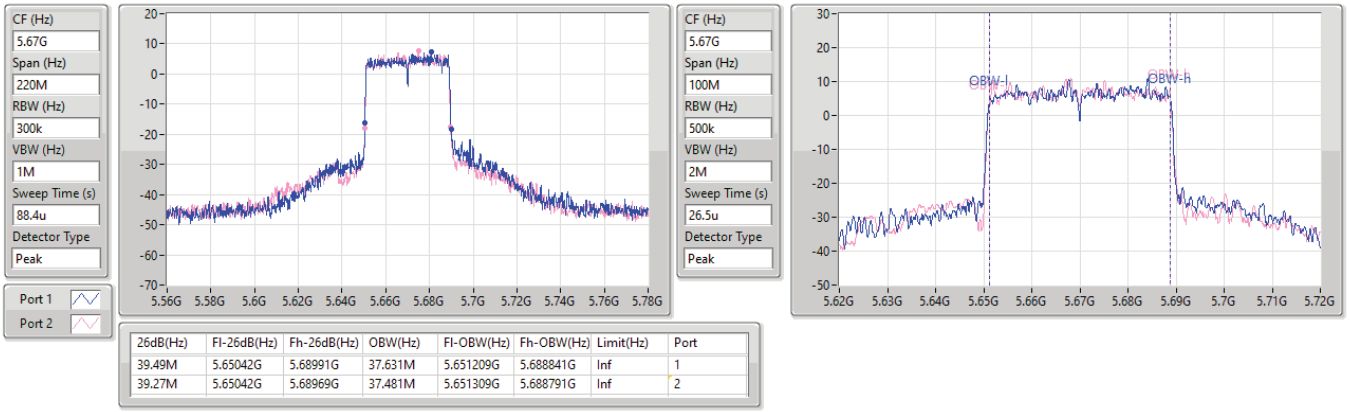


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.53031G	5.56936G	37.681M	5.531209G	5.568891G	Inf	1
38.94M	5.53042G	5.56936G	37.431M	5.531309G	5.568741G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5670MHz

04/10/2023

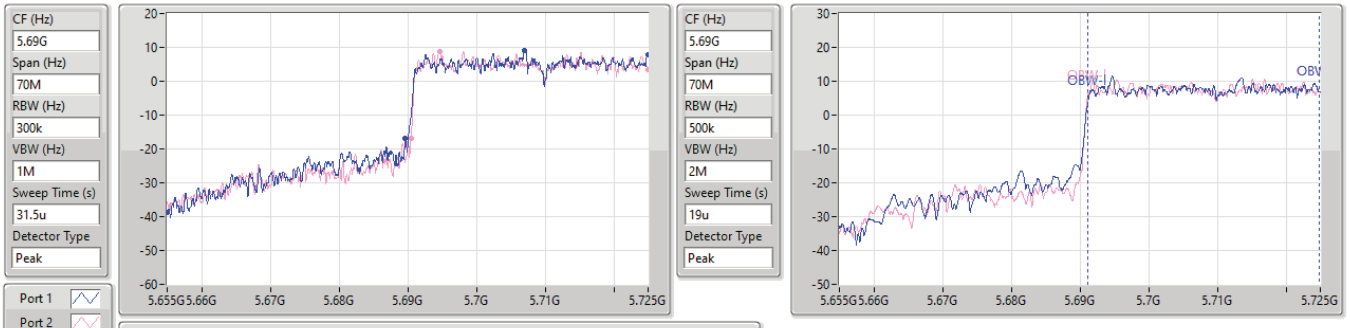


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.49M	5.65042G	5.68991G	37.631M	5.651209G	5.688841G	Inf	1
39.27M	5.65042G	5.68969G	37.481M	5.651309G	5.688791G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

04/10/2023

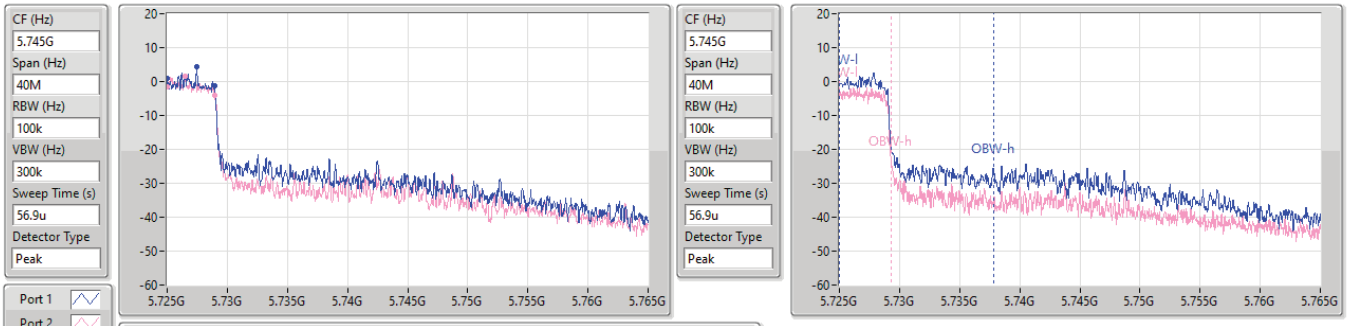


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.68965G	5.725G	33.583M	5.691224G	5.724808G	Inf	1
34.51M	5.69049G	5.725G	33.618M	5.691154G	5.724773G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

04/10/2023

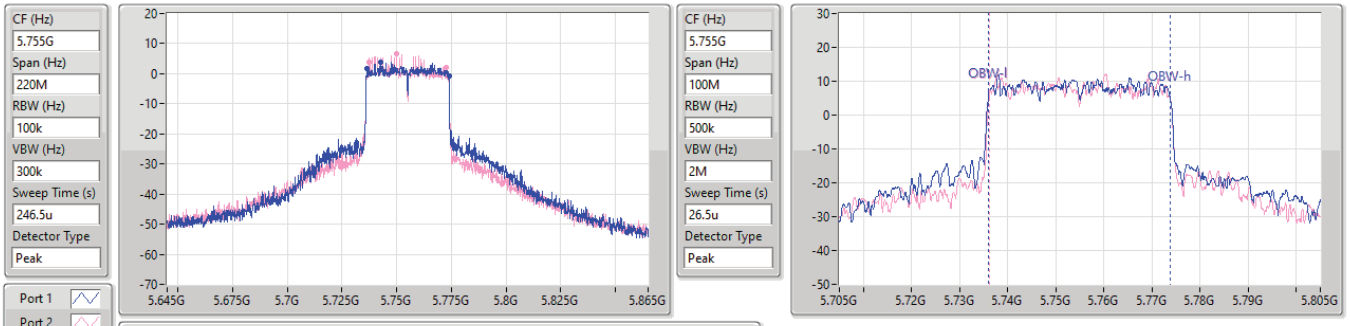


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	12.834M	5.72501G	5.737844G	500k	1
3.94M	5.725G	5.72894G	4.318M	5.72501G	5.729328G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5755MHz

04/10/2023

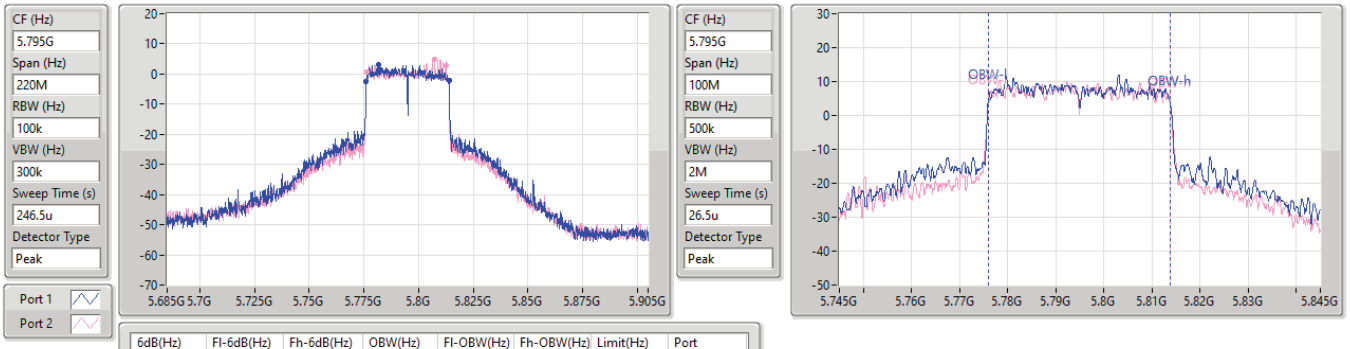


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	5.73619G	5.77392G	37.781M	5.736009G	5.773791G	500k	1
35.09M	5.7374G	5.77249G	37.631M	5.736159G	5.773791G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5795MHz

04/10/2023

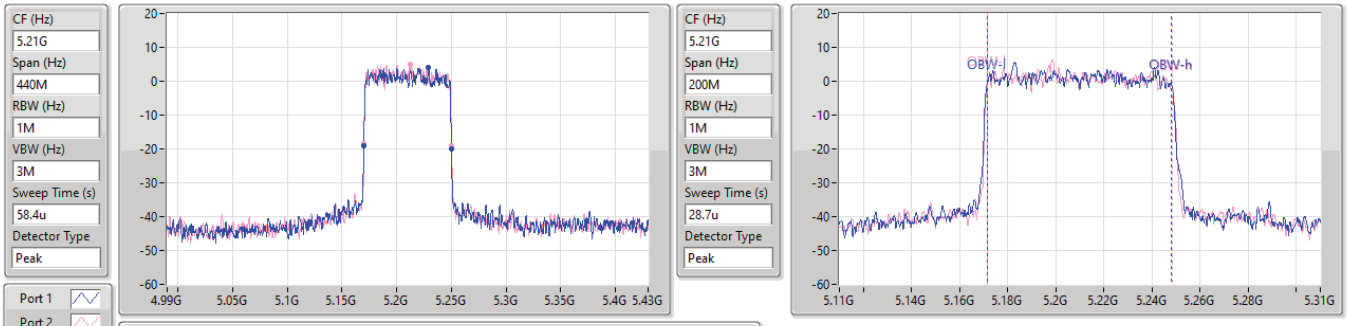


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	5.77608G	5.81392G	37.781M	5.776009G	5.813791G	500k	1
36.41M	5.77619G	5.8126G	37.681M	5.776059G	5.813741G	500k	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5210MHz

04/10/2023

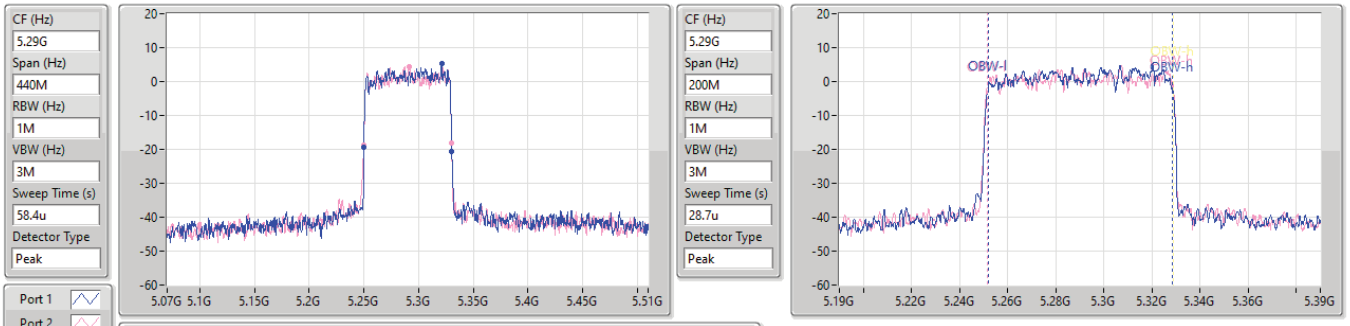


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.16996G	5.25004G	76.762M	5.171419G	5.248181G	Inf	1
80.3M	5.16996G	5.25026G	76.862M	5.171519G	5.248381G	Inf	2

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5290MHz

04/10/2023

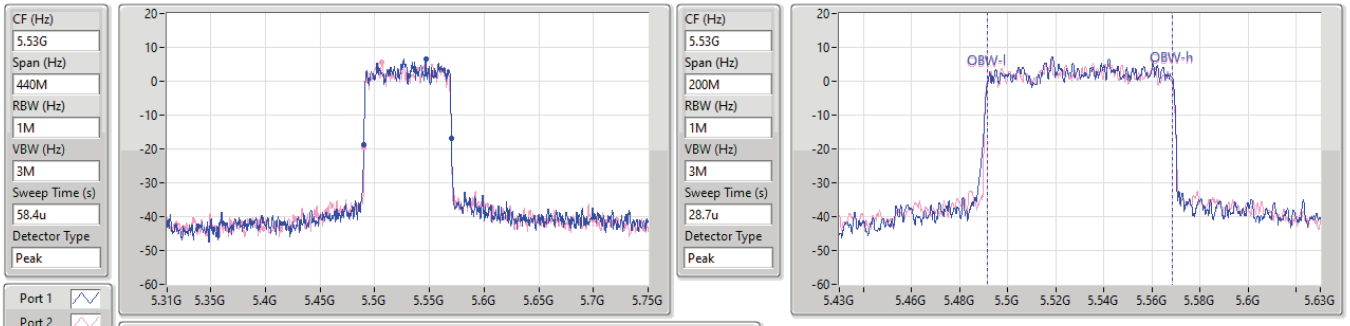


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.24996G	5.33026G	76.262M	5.252019G	5.328281G	Inf	1
80.52M	5.24974G	5.33026G	76.962M	5.251619G	5.328581G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5530MHz

04/10/2023

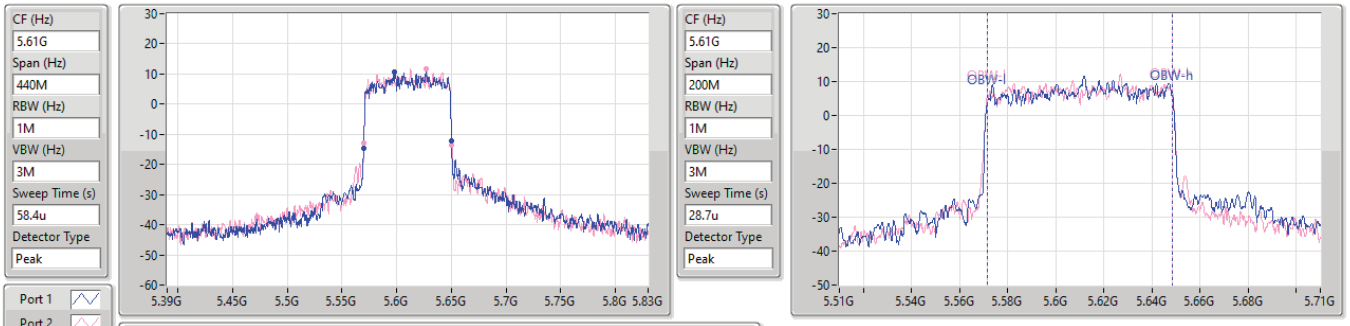


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.48996G	5.57004G	76.862M	5.491719G	5.568581G	Inf	1
80.08M	5.48996G	5.57004G	76.962M	5.491519G	5.568481G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5610MHz

04/10/2023

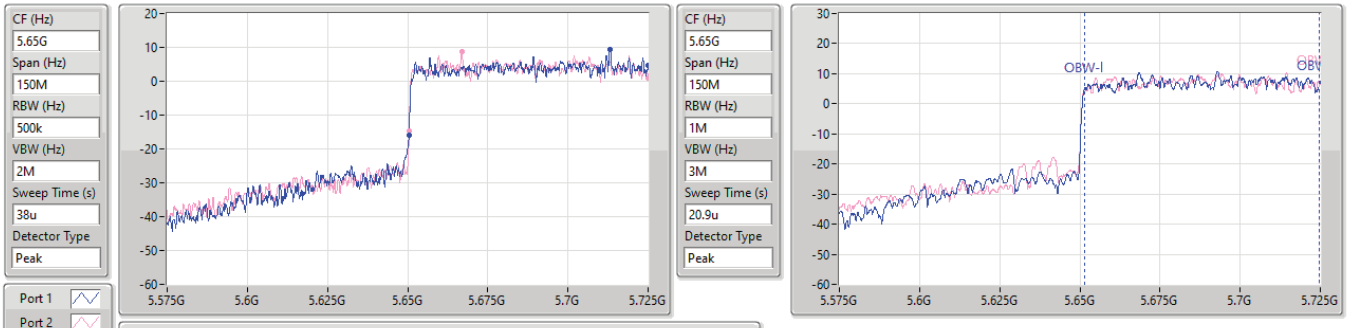


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.56974G	5.65004G	76.862M	5.571719G	5.648581G	Inf	1
80.52M	5.56996G	5.65048G	77.161M	5.571519G	5.648681G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

04/10/2023

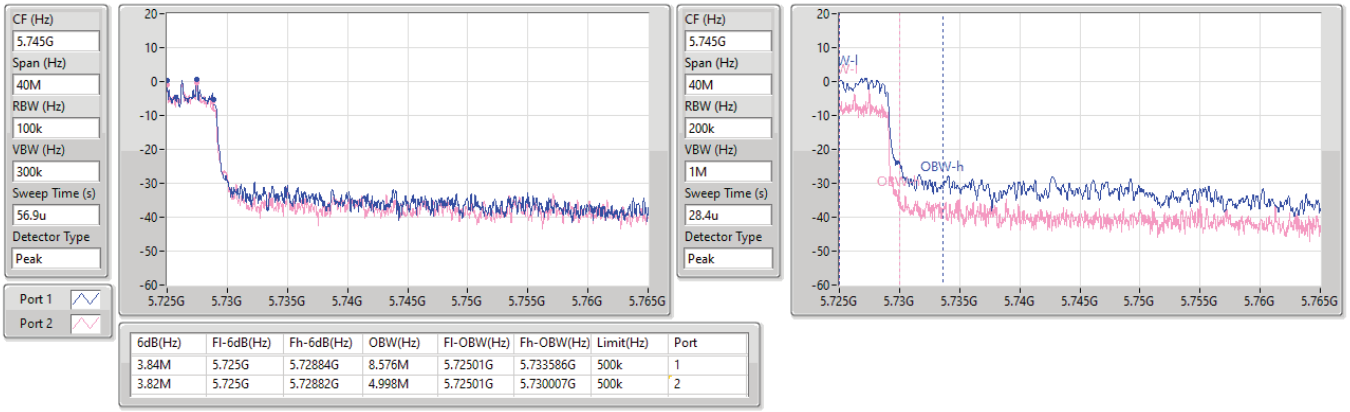


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.55M	5.65045G	5.725G	73.163M	5.651424G	5.724588G	Inf	1
74.55M	5.65045G	5.725G	73.163M	5.651424G	5.724588G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

04/10/2023

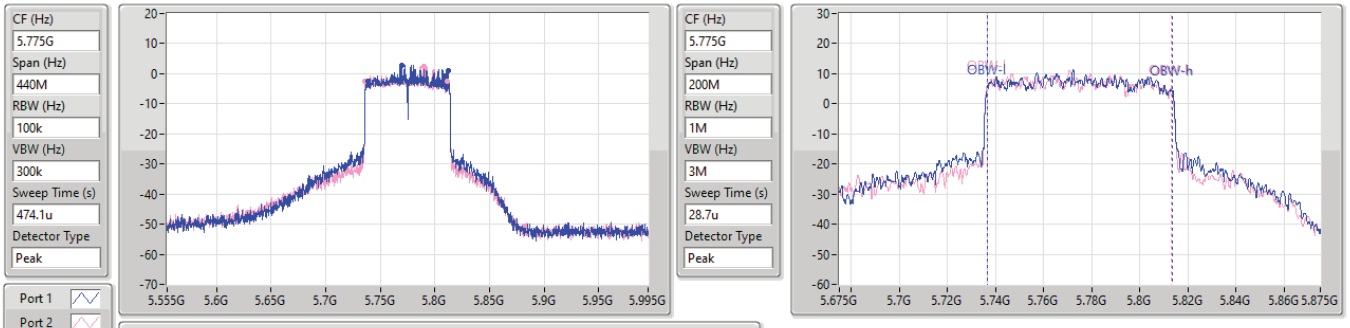


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.84M	5.725G	5.72884G	8.576M	5.72501G	5.733586G	500k	1
3.82M	5.725G	5.72882G	4.998M	5.72501G	5.730007G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5775MHz

04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.14M	5.73848G	5.81262G	77.061M	5.736419G	5.813481G	500k	1
75.02M	5.73628G	5.8113G	76.862M	5.736319G	5.813181G	500k	2

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	20.955M	16.712M	16M7D1D	20.405M	16.47M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.285M	18.991M	19M0D1D	20.625M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.15M	37.631M	37M6D1D	38.94M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.3M	76.862M	76M9D1D	80.08M	76.762M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.51M	16.888M	16M9D1D	20.625M	16.602M
802.11ax HEW20_Nss1,(MCS0)_2TX	29.59M	19.19M	19M2D1D	21.23M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.44M	37.681M	37M7D1D	39.05M	37.431M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	76.962M	77M0D1D	80.3M	76.262M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.395M	16.866M	16M9D1D	15.105M	13.328M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.395M	19.09M	19M1D1D	15.585M	14.513M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.49M	37.681M	37M7D1D	34.51M	33.583M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	77.161M	77M2D1D	74.55M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	18.823M	18M8D1D	3.16M	4.198M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.195M	19.24M	19M2D1D	4.5M	4.658M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.84M	37.781M	37M8D1D	3.92M	4.318M
802.11ax HEW80_Nss1,(MCS0)_2TX	75.02M	77.061M	77M1D1D	3.82M	4.998M

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

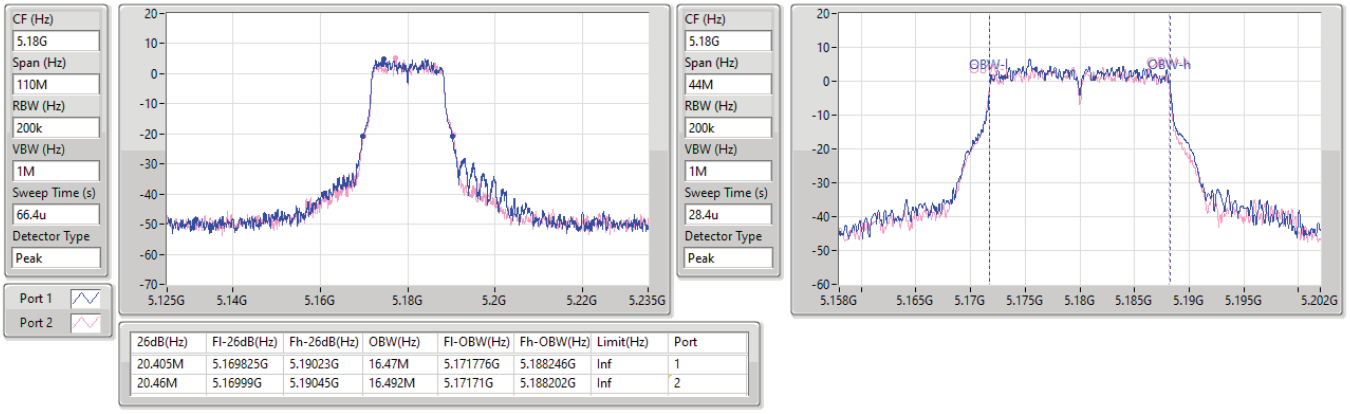
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.405M	16.47M	20.46M	16.492M
5200MHz	Pass	Inf	20.955M	16.514M	20.9M	16.602M
5240MHz	Pass	Inf	20.405M	16.69M	20.735M	16.712M
5260MHz	Pass	Inf	26.51M	16.69M	21.23M	16.602M
5300MHz	Pass	Inf	21.065M	16.888M	20.845M	16.602M
5320MHz	Pass	Inf	21.395M	16.734M	20.625M	16.646M
5500MHz	Pass	Inf	20.515M	16.514M	20.9M	16.624M
5580MHz	Pass	Inf	21.395M	16.558M	21.065M	16.756M
5700MHz	Pass	Inf	20.57M	16.866M	20.35M	16.558M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.105M	13.328M	15.375M	13.328M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.398M	3.16M	4.198M
5745MHz	Pass	500k	16.5M	16.778M	16.445M	16.844M
5785MHz	Pass	500k	16.445M	18.823M	16.5M	16.91M
5825MHz	Pass	500k	16.445M	17.437M	16.445M	17.657M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.285M	18.916M	20.735M	18.966M
5200MHz	Pass	Inf	20.955M	18.916M	20.845M	18.966M
5240MHz	Pass	Inf	20.79M	18.916M	20.625M	18.991M
5260MHz	Pass	Inf	29.59M	19.19M	21.34M	19.04M
5300MHz	Pass	Inf	22M	19.065M	21.34M	19.015M
5320MHz	Pass	Inf	22.11M	18.916M	21.23M	19.04M
5500MHz	Pass	Inf	21.34M	19.015M	21.065M	19.04M
5580MHz	Pass	Inf	20.79M	19.015M	20.9M	19.09M
5700MHz	Pass	Inf	21.395M	18.941M	20.57M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.585M	14.513M	15.75M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.658M	4.5M	4.818M
5745MHz	Pass	500k	19.14M	19.115M	19.03M	19.09M
5785MHz	Pass	500k	19.03M	19.24M	19.195M	19.115M
5825MHz	Pass	500k	19.03M	19.24M	19.03M	19.215M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.16M	37.581M	39.27M	37.481M
5230MHz	Pass	Inf	40.15M	37.481M	38.94M	37.631M
5270MHz	Pass	Inf	44.44M	37.681M	42.68M	37.431M
5310MHz	Pass	Inf	39.16M	37.681M	39.05M	37.481M
5510MHz	Pass	Inf	38.83M	37.531M	38.94M	37.581M
5550MHz	Pass	Inf	39.05M	37.681M	38.94M	37.431M
5670MHz	Pass	Inf	39.49M	37.631M	39.27M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.583M	34.51M	33.618M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	12.834M	3.94M	4.318M
5755MHz	Pass	500k	37.73M	37.781M	35.09M	37.631M
5795MHz	Pass	500k	37.84M	37.781M	36.41M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.08M	76.762M	80.3M	76.862M
5290MHz	Pass	Inf	80.3M	76.262M	80.52M	76.962M
5530MHz	Pass	Inf	80.08M	76.862M	80.08M	76.962M
5610MHz	Pass	Inf	80.3M	76.862M	80.52M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.55M	73.163M	74.55M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	8.576M	3.82M	4.998M
5775MHz	Pass	500k	74.14M	77.061M	75.02M	76.862M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5180MHz

17/10/2023

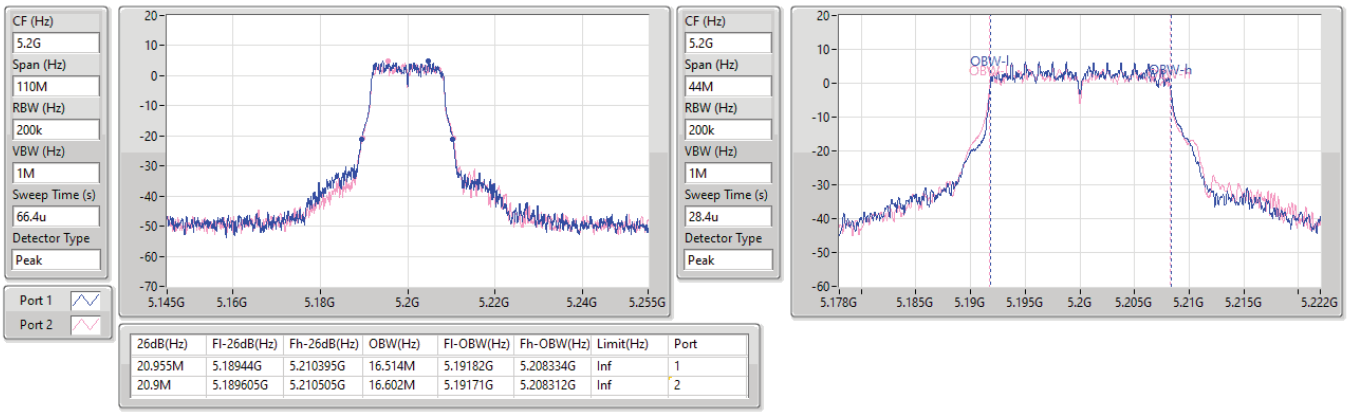


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.169825G	5.19023G	16.47M	5.171776G	5.188246G	Inf	1
20.46M	5.16999G	5.19045G	16.492M	5.17171G	5.188202G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5200MHz

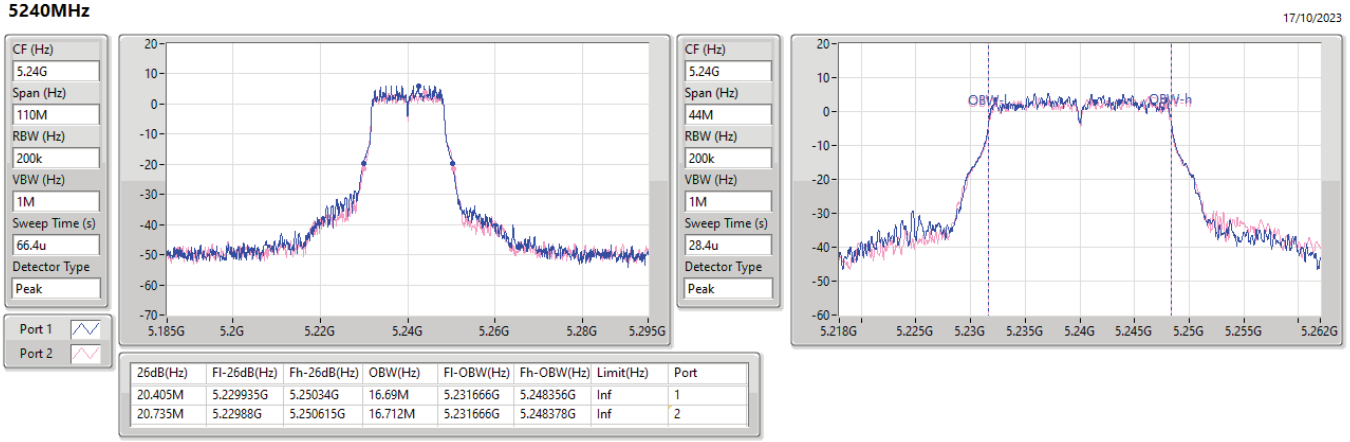
17/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	5.18944G	5.210395G	16.514M	5.19182G	5.208334G	Inf	1
20.9M	5.189605G	5.210505G	16.602M	5.19171G	5.208312G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

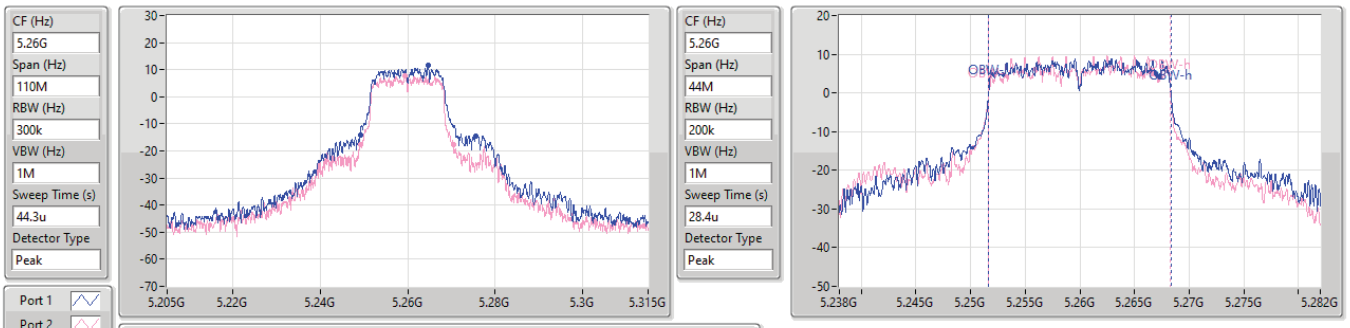
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.229935G	5.25034G	16.69M	5.231666G	5.248356G	Inf	1
20.735M	5.22988G	5.250615G	16.712M	5.231666G	5.248378G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5260MHz

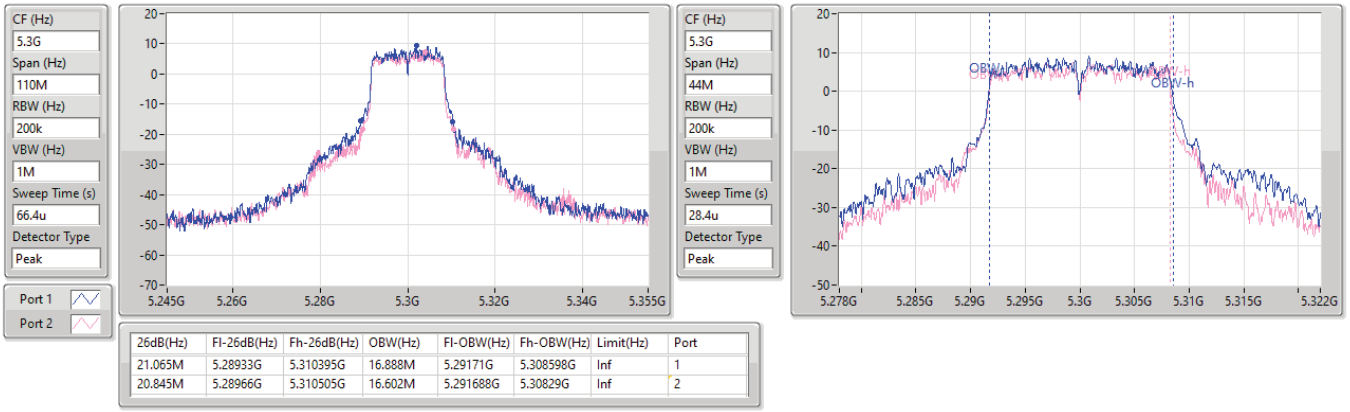


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.51M	5.249165G	5.275675G	16.69M	5.251666G	5.268356G	Inf	1
21.23M	5.24922G	5.27045G	16.602M	5.251644G	5.268246G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5300MHz

04/10/2023

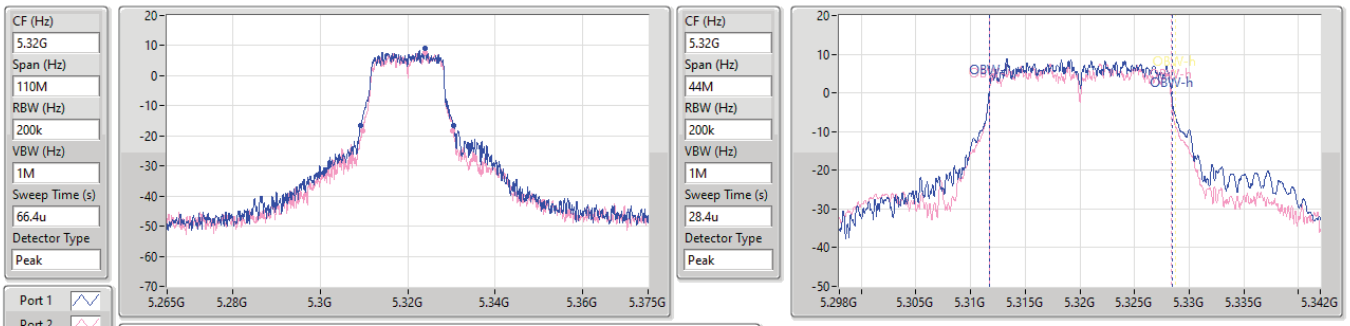


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.065M	5.28933G	5.310395G	16.888M	5.29171G	5.308598G	Inf	1
20.845M	5.28966G	5.310505G	16.602M	5.291688G	5.30829G	Inf	2

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5320MHz

04/10/2023

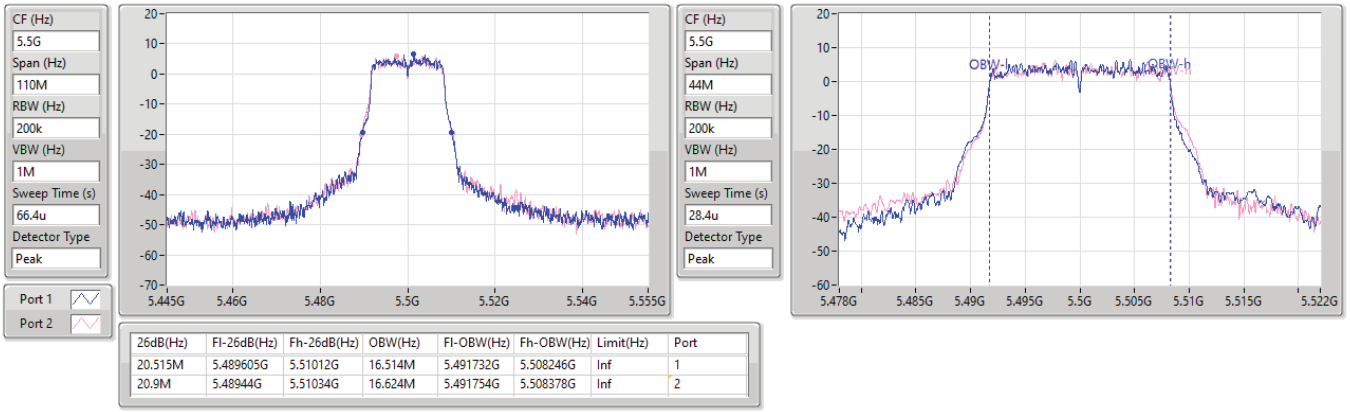


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.30922G	5.330615G	16.734M	5.311732G	5.328466G	Inf	1
20.625M	5.309715G	5.33034G	16.646M	5.311688G	5.328334G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5500MHz

04/10/2023

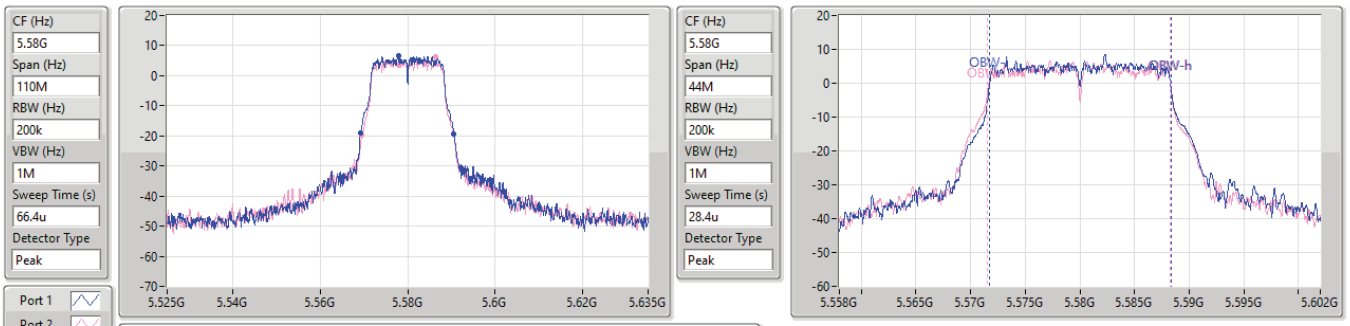


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.515M	5.489605G	5.51012G	16.514M	5.491732G	5.508246G	Inf	1
20.9M	5.48944G	5.51034G	16.624M	5.491754G	5.508378G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5580MHz

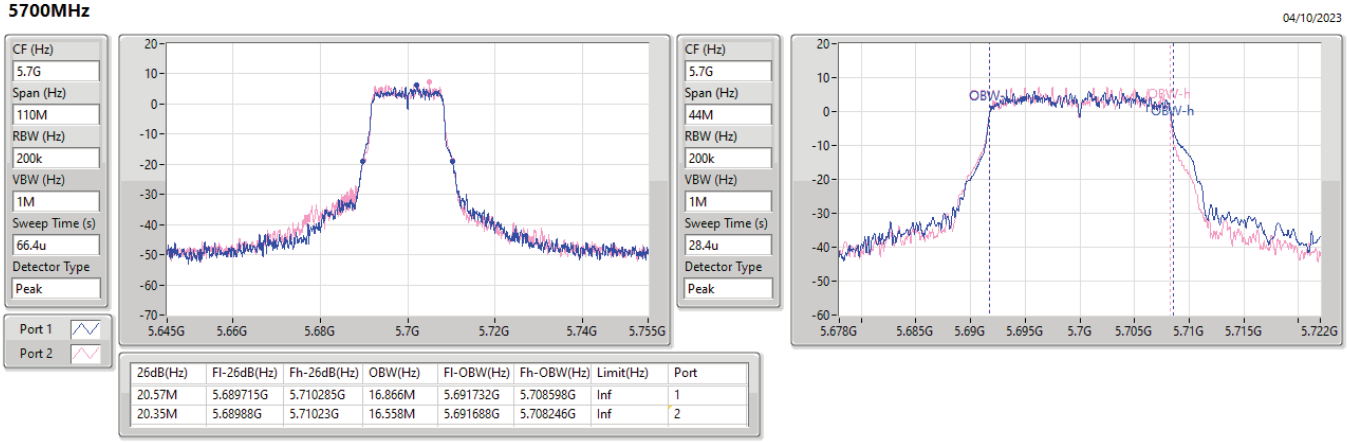
04/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.56922G	5.590615G	16.558M	5.571776G	5.588334G	Inf	1
21.065M	5.56944G	5.590505G	16.756M	5.571556G	5.588312G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

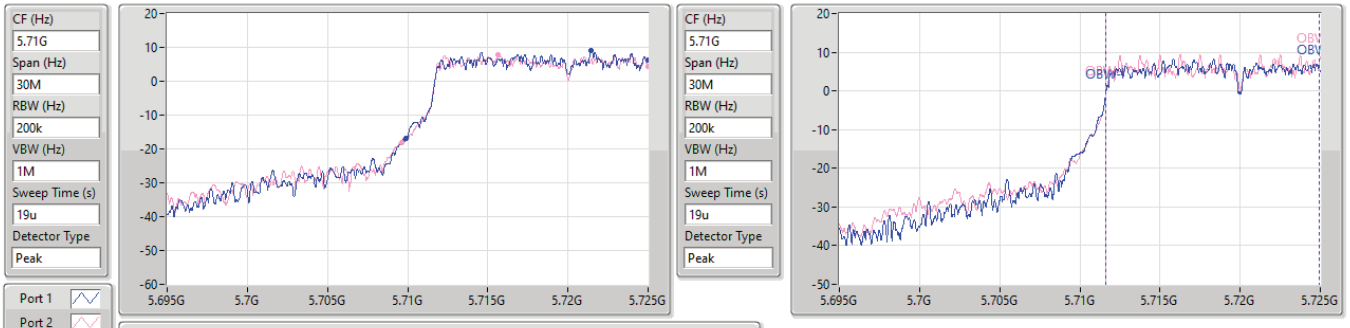
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.57M	5.689715G	5.710285G	16.866M	5.691732G	5.708598G	Inf	1
20.35M	5.68988G	5.71023G	16.558M	5.691688G	5.708246G	Inf	2

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

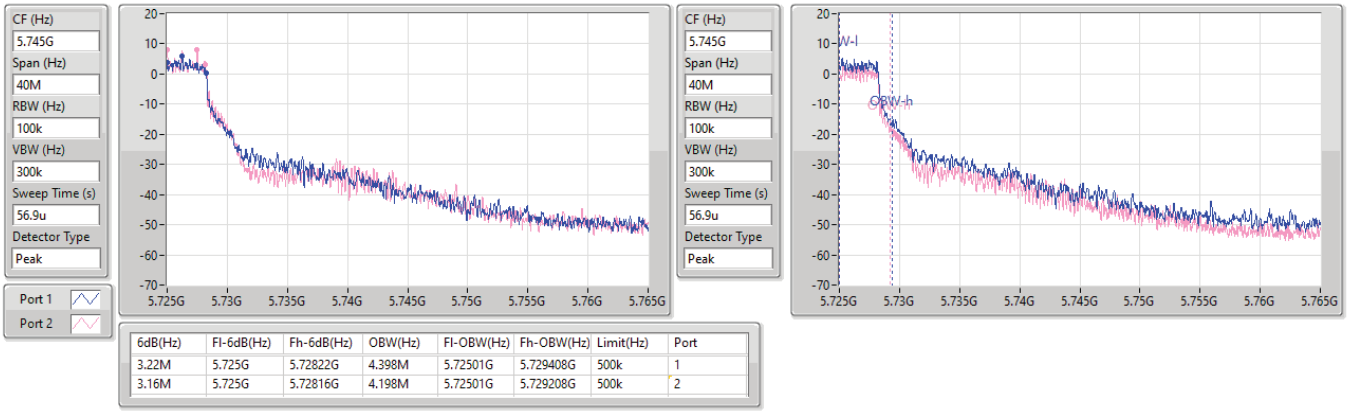


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.105M	5.709895G	5.725G	13.328M	5.711604G	5.724933G	Inf	1
15.375M	5.709625G	5.725G	13.328M	5.711634G	5.724963G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

04/10/2023

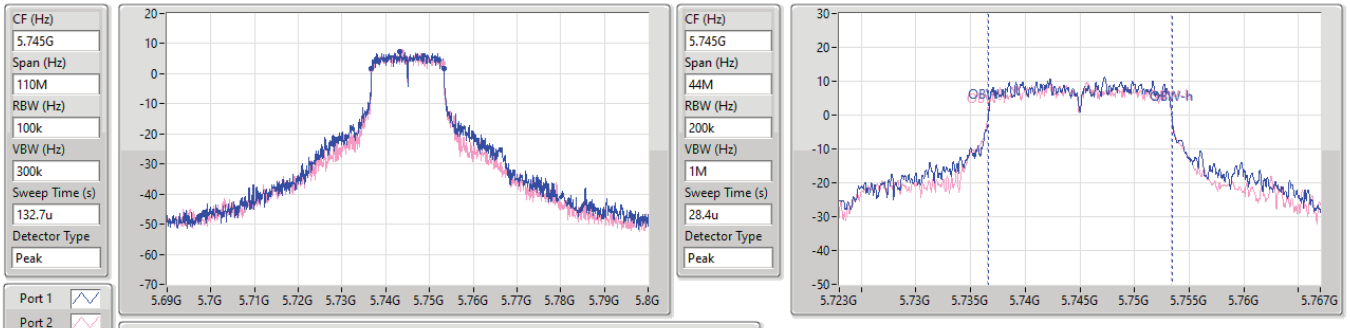


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.22M	5.725G	5.72822G	4.398M	5.72501G	5.729408G	500k	1
3.16M	5.725G	5.72816G	4.198M	5.72501G	5.729208G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5745MHz

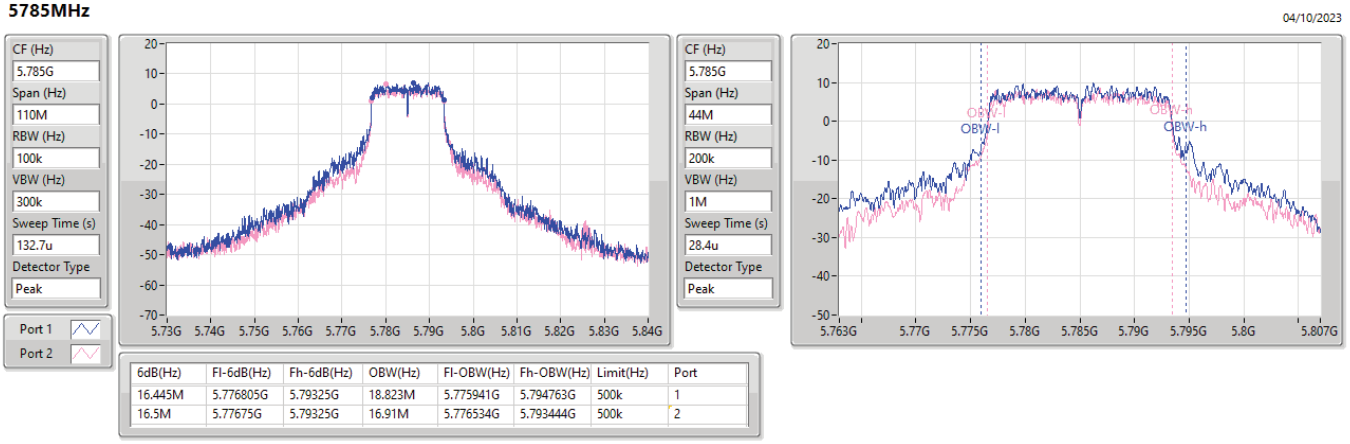
04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.73675G	5.75325G	16.778M	5.736644G	5.753422G	500k	1
16.445M	5.73675G	5.753195G	16.844M	5.736556G	5.7534G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

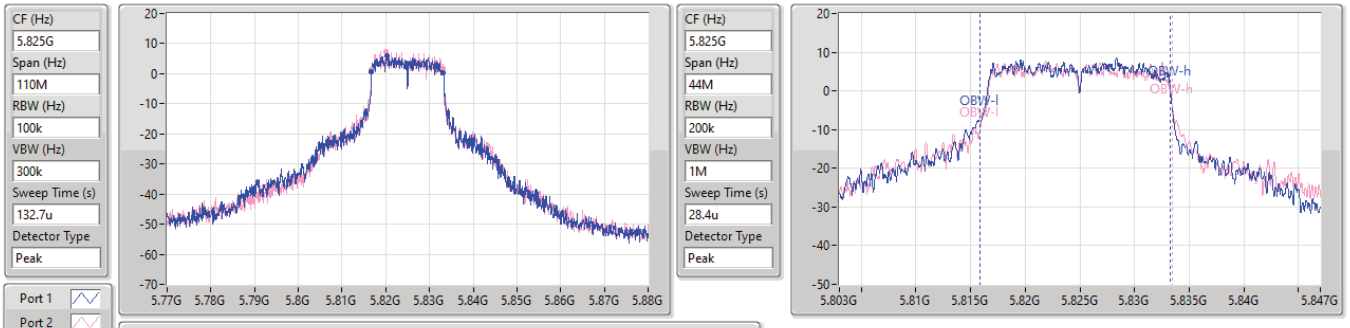
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.776805G	5.79325G	18.823M	5.775941G	5.794763G	500k	1
16.5M	5.77675G	5.79325G	16.91M	5.776534G	5.793444G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5825MHz

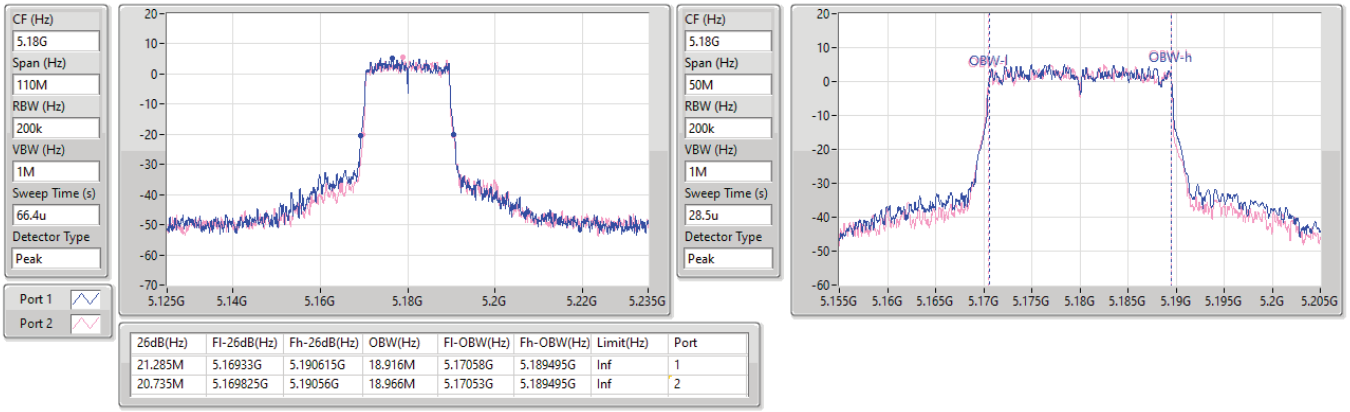


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.81675G	5.833195G	17.437M	5.815853G	5.83329G	500k	1
16.445M	5.81675G	5.833195G	17.657M	5.815831G	5.833488G	500k	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5180MHz

17/10/2023

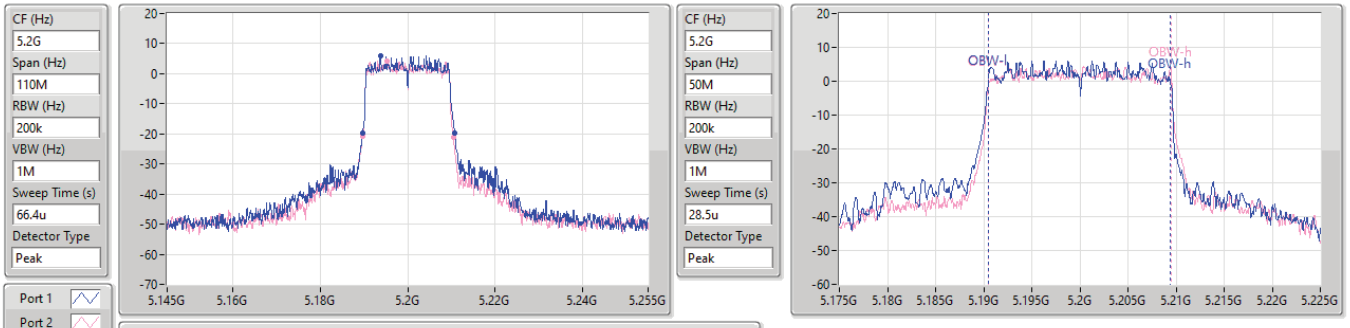


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	5.16933G	5.190615G	18.916M	5.17058G	5.189495G	Inf	1
20.735M	5.169825G	5.19056G	18.966M	5.17053G	5.189495G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5200MHz

17/10/2023

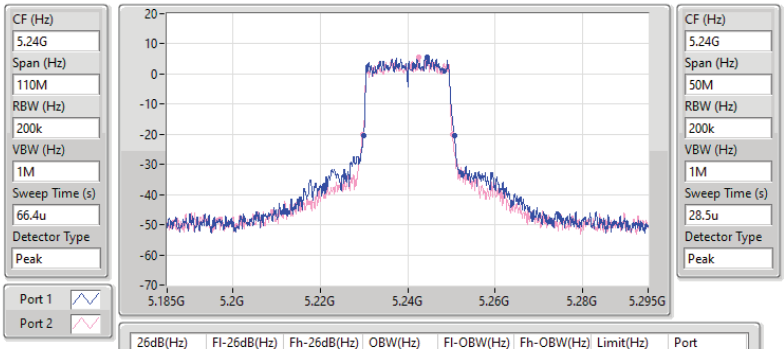


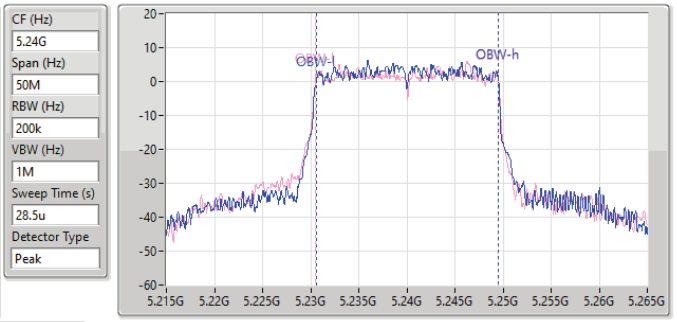
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.955M	5.18977G	5.210725G	18.916M	5.19048G	5.209395G	Inf	1
20.845M	5.189605G	5.21045G	18.966M	5.19053G	5.209495G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5240MHz

17/10/2023



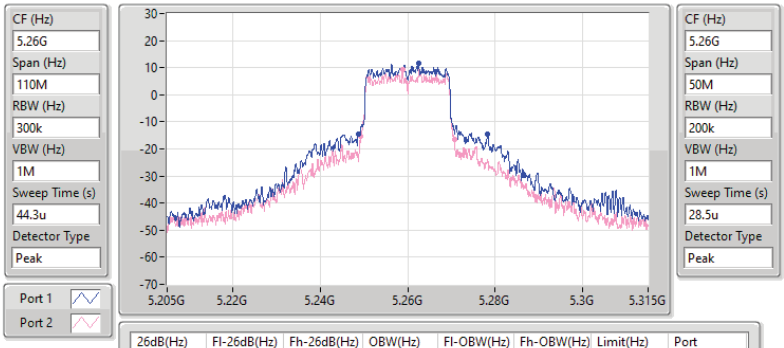


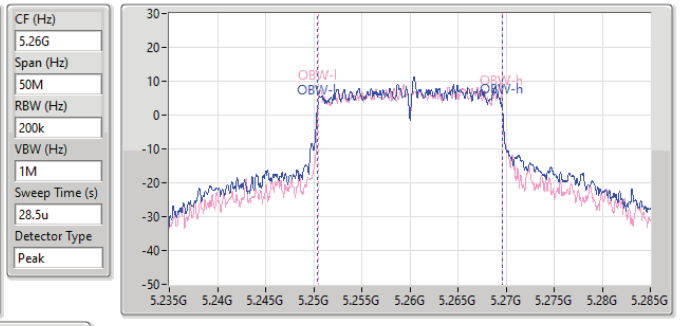
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.22988G	5.25067G	18.916M	5.230555G	5.24947G	Inf	1
20.625M	5.229605G	5.25023G	18.991M	5.230505G	5.249495G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5260MHz

04/10/2023



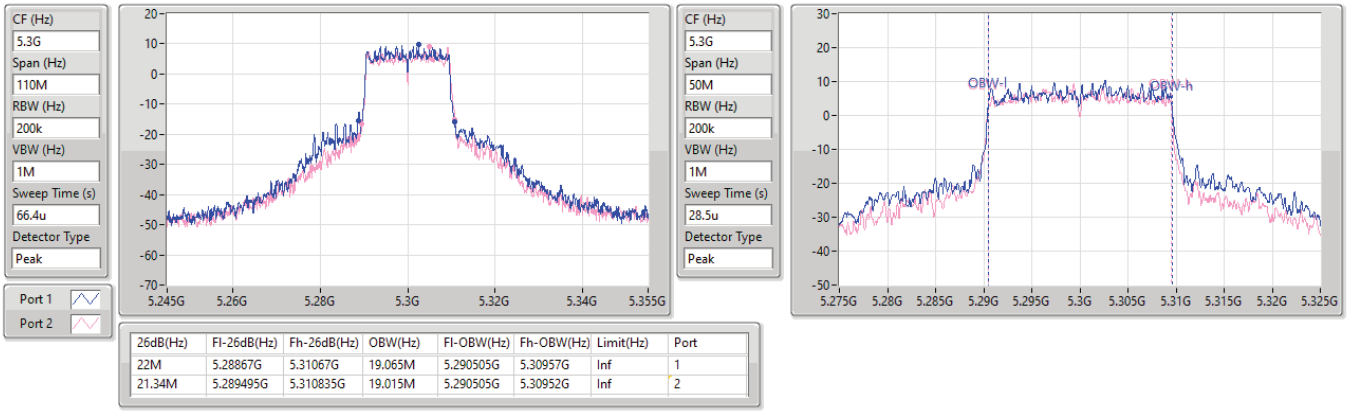


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.59M	5.24878G	5.27837G	19.19M	5.25043G	5.26962G	Inf	1
21.34M	5.24933G	5.27067G	19.04M	5.25053G	5.26957G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5300MHz

04/10/2023

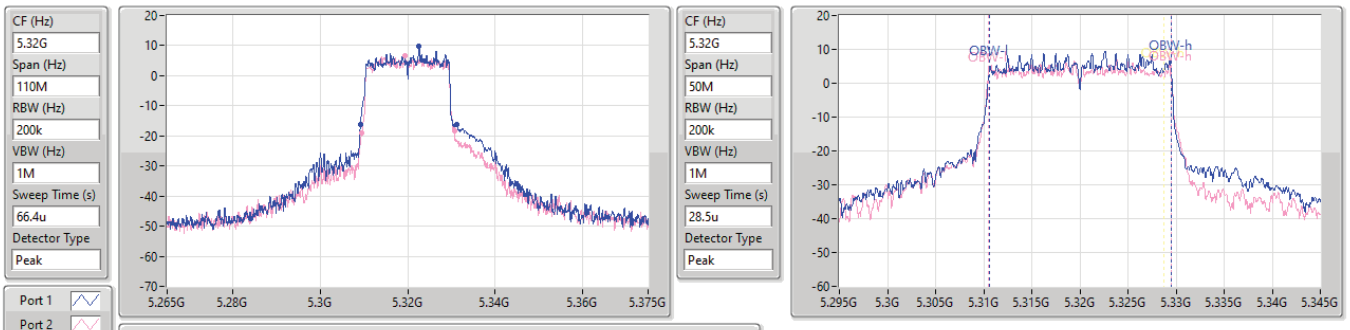


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.28867G	5.31067G	19.065M	5.290505G	5.30957G	Inf	1
21.34M	5.289495G	5.310835G	19.015M	5.290505G	5.30952G	Inf	2

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5320MHz

04/10/2023

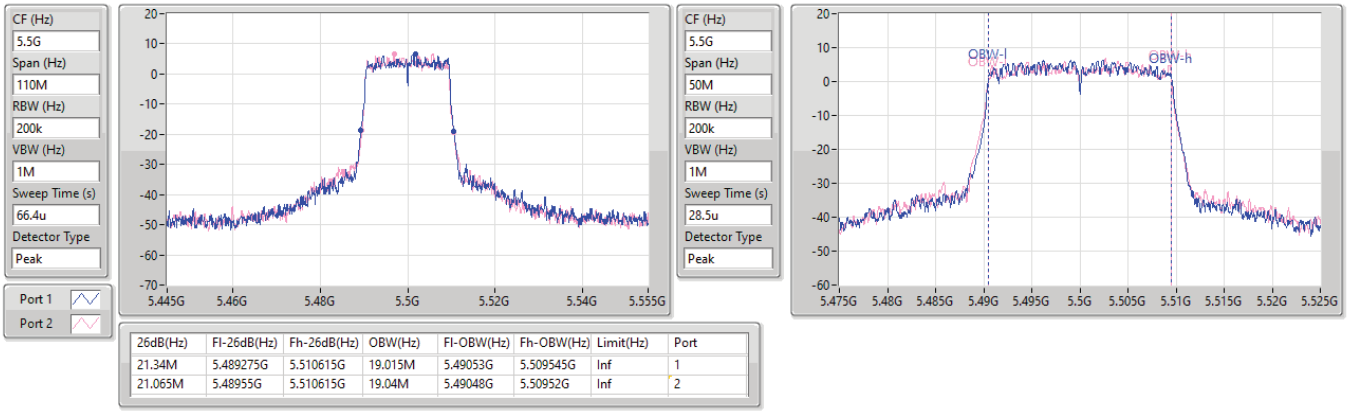


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.11M	5.30922G	5.33133G	18.916M	5.310555G	5.32947G	Inf	1
21.23M	5.309495G	5.330725G	19.04M	5.310455G	5.329495G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5500MHz

04/10/2023

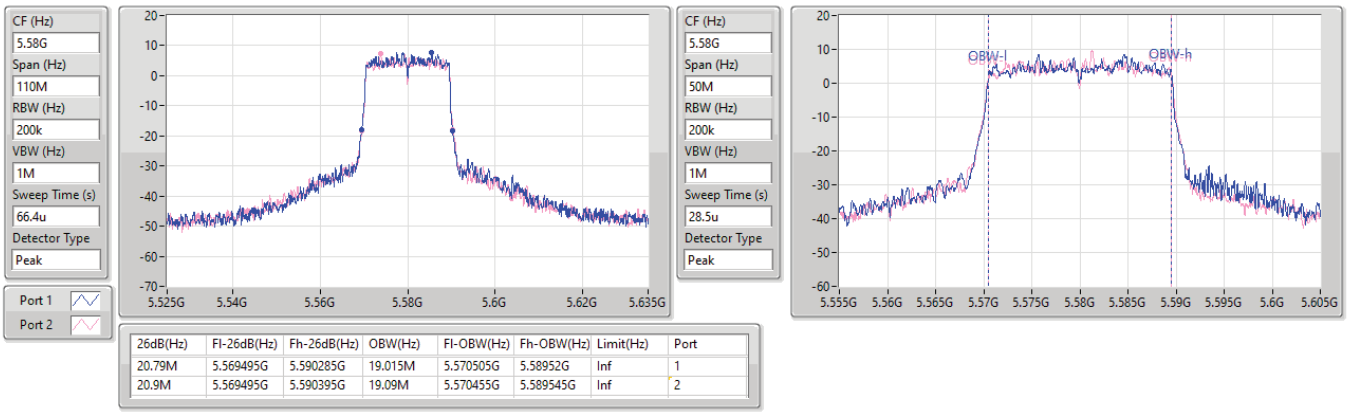


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.34M	5.489275G	5.510615G	19.015M	5.49053G	5.509545G	Inf	1
21.065M	5.48955G	5.510615G	19.04M	5.49048G	5.50952G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5580MHz

04/10/2023

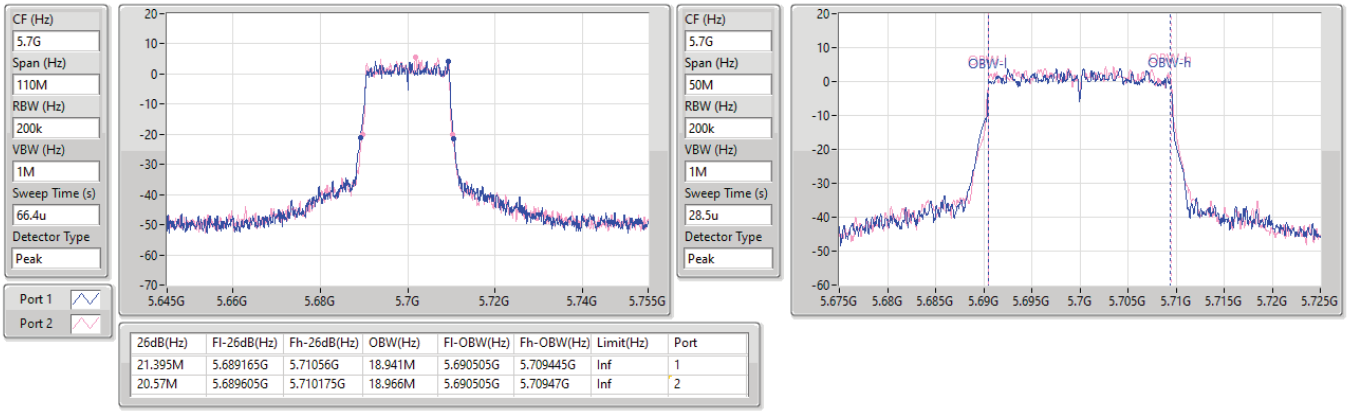


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.569495G	5.590285G	19.015M	5.570505G	5.58952G	Inf	1
20.9M	5.569495G	5.590395G	19.09M	5.570455G	5.589545G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5700MHz

04/10/2023

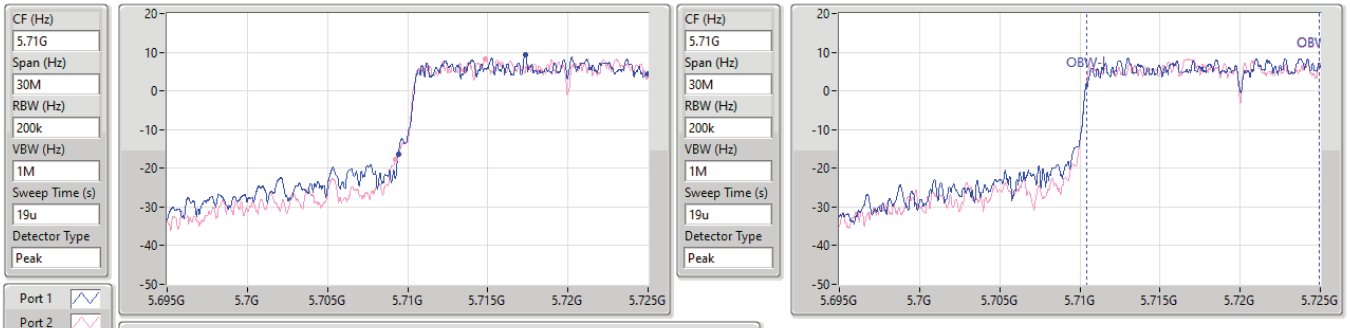


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.689165G	5.71056G	18.941M	5.690505G	5.709445G	Inf	1
20.57M	5.689605G	5.710175G	18.966M	5.690505G	5.70947G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

04/10/2023

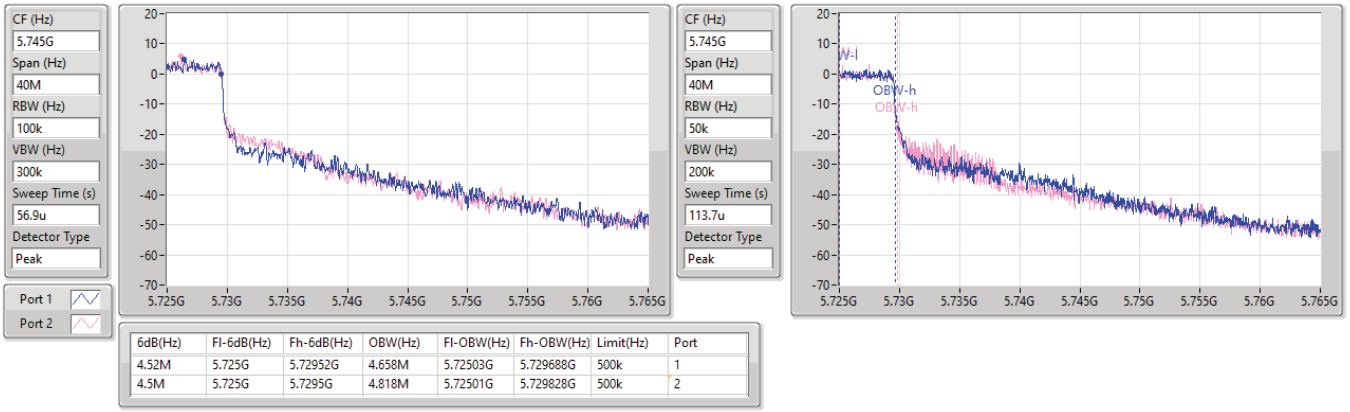


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.585M	5.709415G	5.725G	14.513M	5.71042G	5.724933G	Inf	1
15.75M	5.70925G	5.725G	14.528M	5.71042G	5.724948G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

04/10/2023

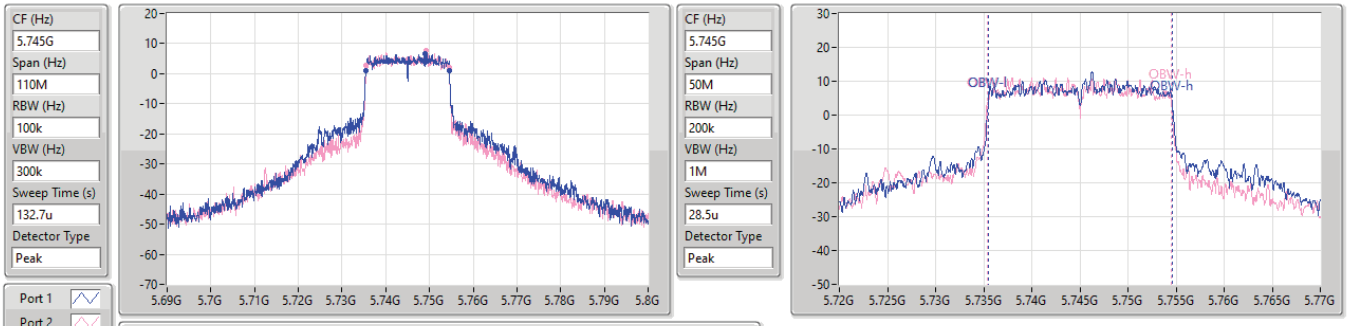


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.52M	5.725G	5.72952G	4.658M	5.72503G	5.729688G	500k	1
4.5M	5.725G	5.7295G	4.818M	5.72501G	5.729828G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5745MHz

04/10/2023

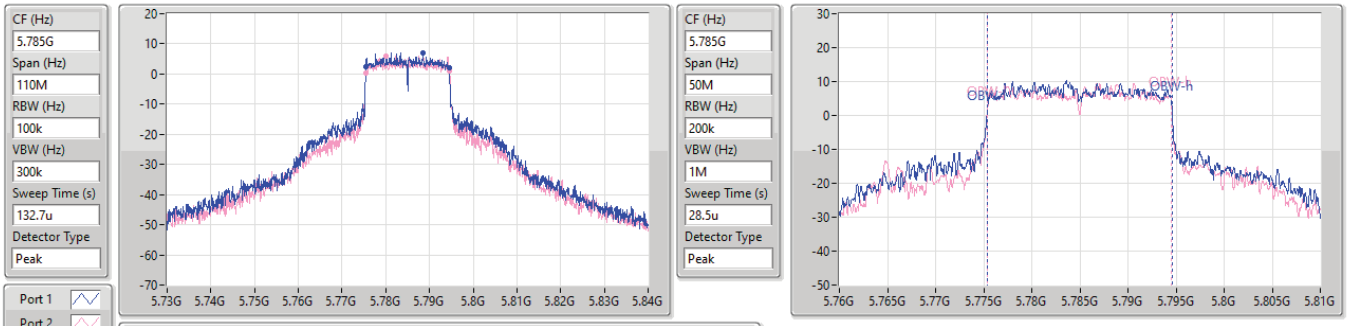


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.73543G	5.75457G	19.115M	5.73548G	5.754595G	500k	1
19.03M	5.735485G	5.754515G	19.09M	5.73538G	5.75447G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5785MHz

04/10/2023

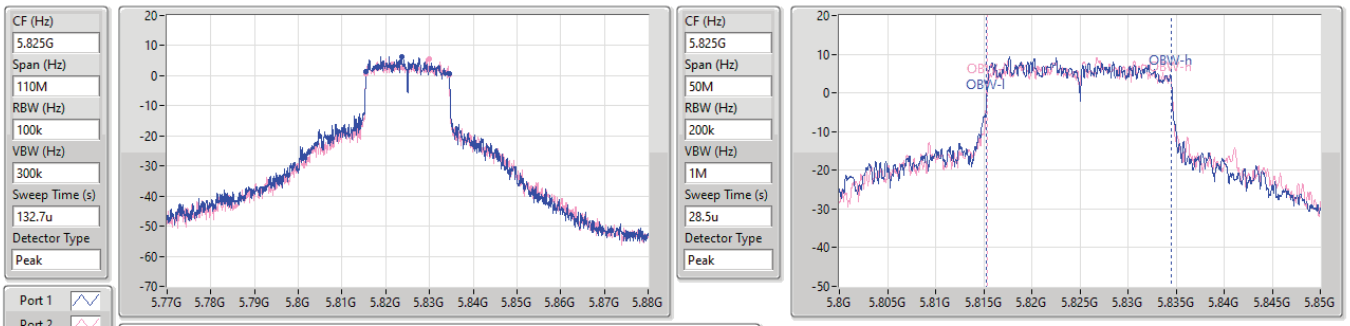


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.775485G	5.794515G	19.24M	5.77533G	5.79457G	500k	1
19.195M	5.77543G	5.794625G	19.115M	5.775405G	5.79452G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5825MHz

04/10/2023

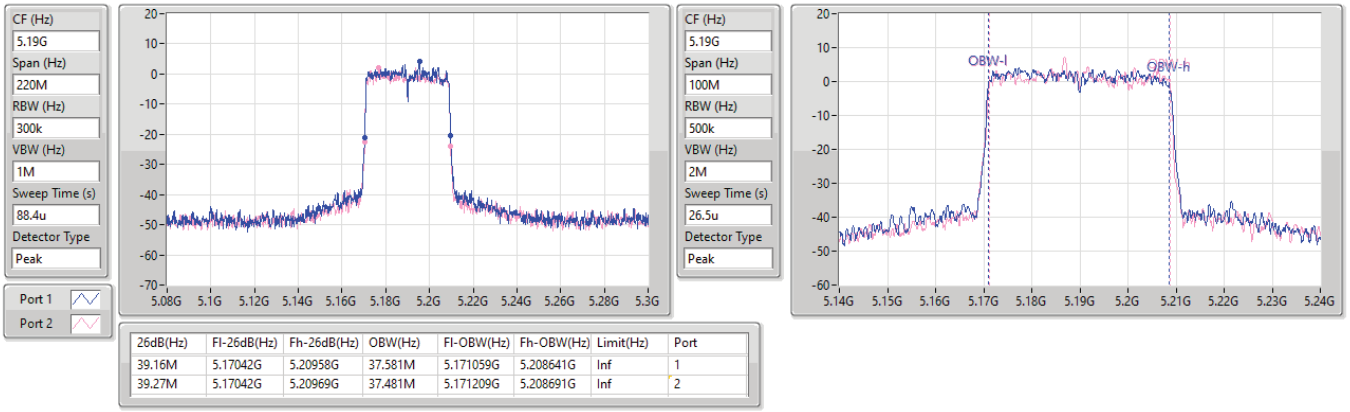


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.815485G	5.834515G	19.24M	5.81528G	5.83452G	500k	1
19.03M	5.815485G	5.834515G	19.215M	5.81533G	5.834545G	500k	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5190MHz

04/10/2023

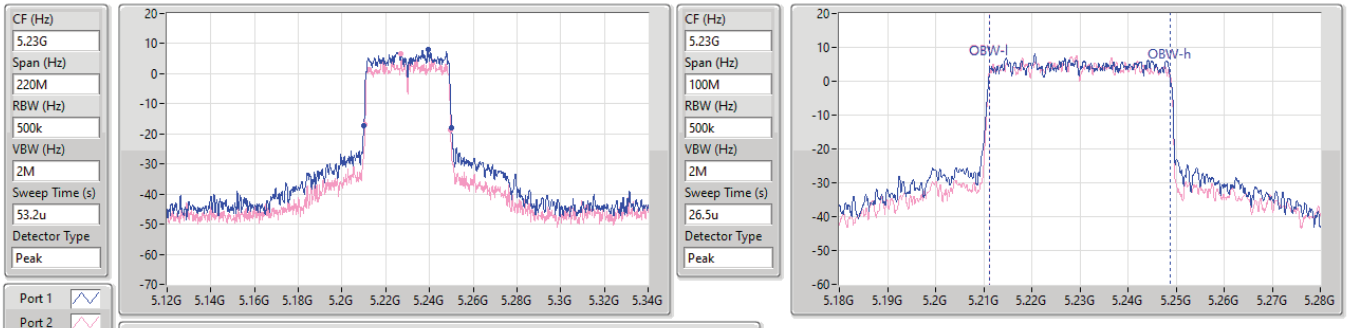


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	5.17042G	5.20958G	37.581M	5.171059G	5.208641G	Inf	1
39.27M	5.17042G	5.20969G	37.481M	5.171209G	5.208691G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5230MHz

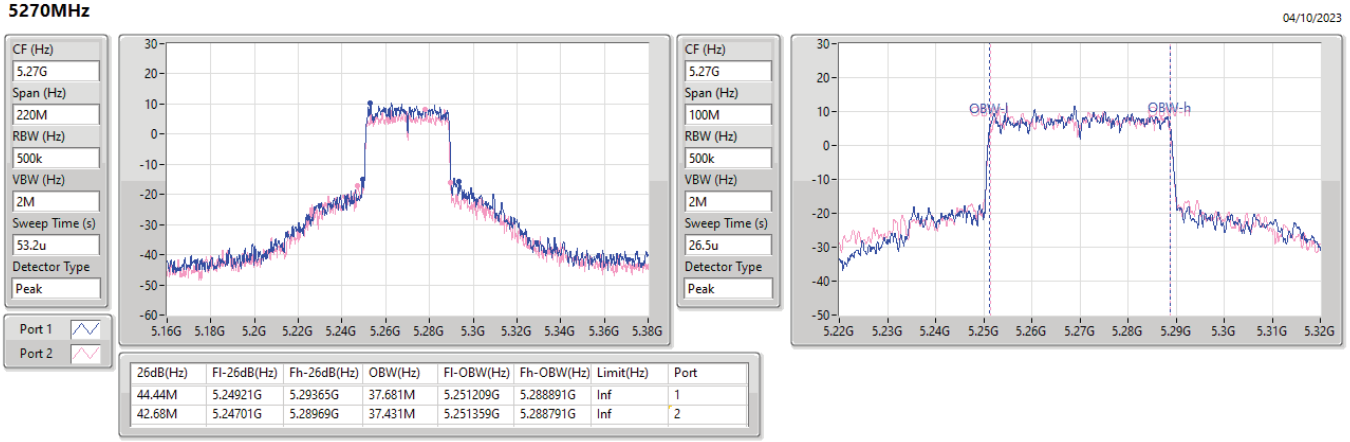
17/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.20998G	5.25013G	37.481M	5.211209G	5.248691G	Inf	1
38.94M	5.21064G	5.24958G	37.631M	5.211159G	5.248791G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

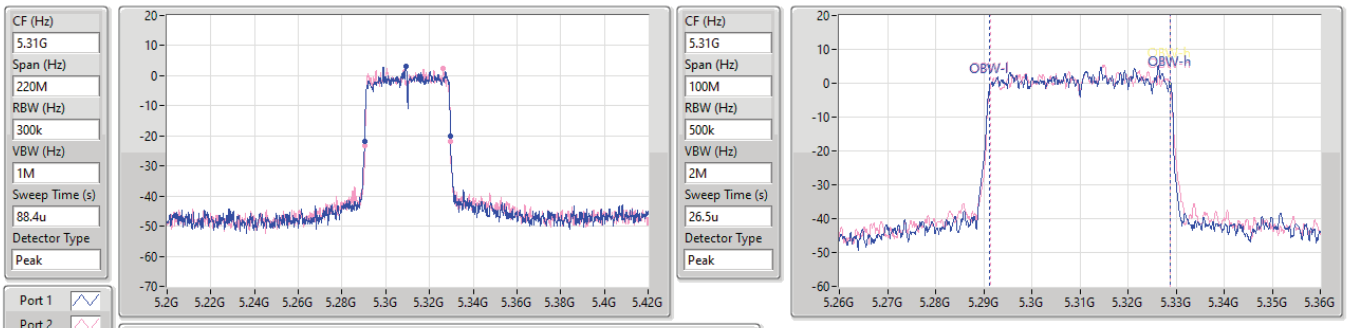
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.44M	5.24921G	5.29365G	37.681M	5.251209G	5.288891G	Inf	1
42.68M	5.24701G	5.28969G	37.431M	5.251359G	5.288791G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5310MHz

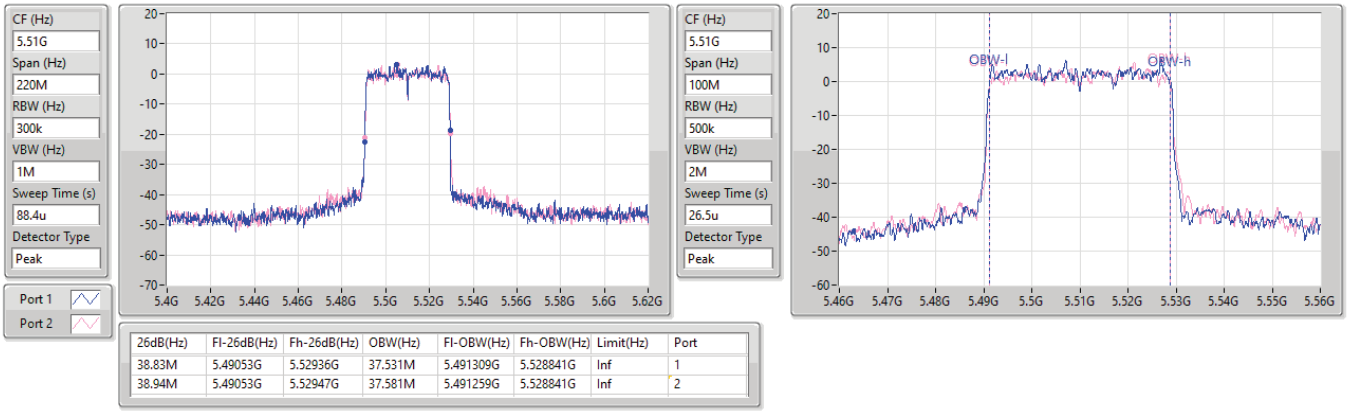


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	5.29031G	5.32947G	37.681M	5.291209G	5.328891G	Inf	1
39.05M	5.29053G	5.32958G	37.481M	5.291359G	5.328841G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5510MHz

04/10/2023

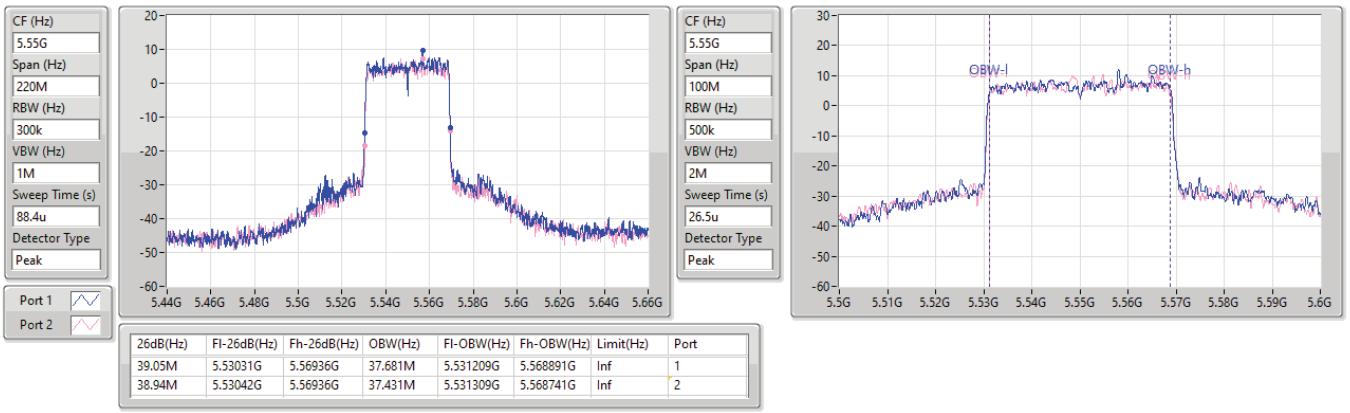


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	5.49053G	5.52936G	37.531M	5.491309G	5.528841G	Inf	1
38.94M	5.49053G	5.52947G	37.581M	5.491259G	5.528841G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5550MHz

04/10/2023

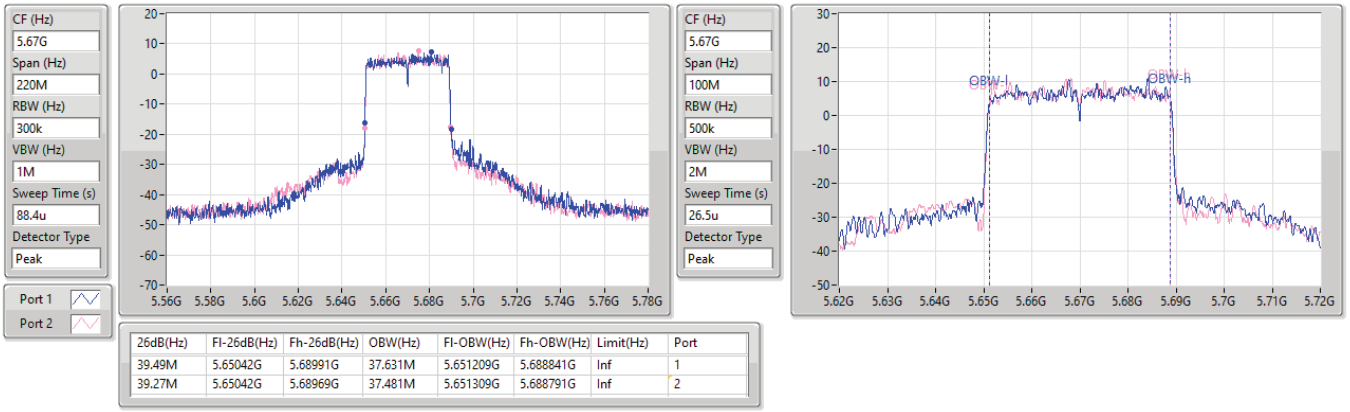


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.53031G	5.56936G	37.681M	5.531209G	5.568891G	Inf	1
38.94M	5.53042G	5.56936G	37.431M	5.531309G	5.568741G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5670MHz

04/10/2023

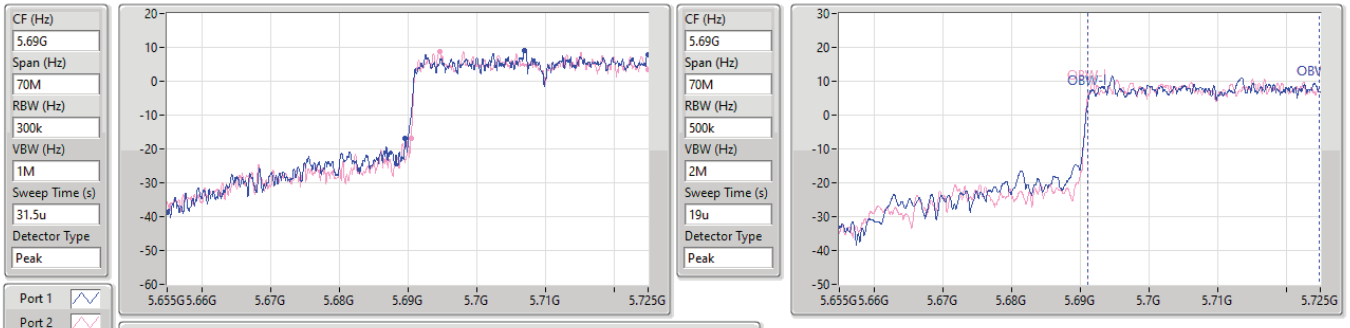


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.49M	5.65042G	5.68991G	37.631M	5.651209G	5.688841G	Inf	1
39.27M	5.65042G	5.68969G	37.481M	5.651309G	5.688791G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

04/10/2023

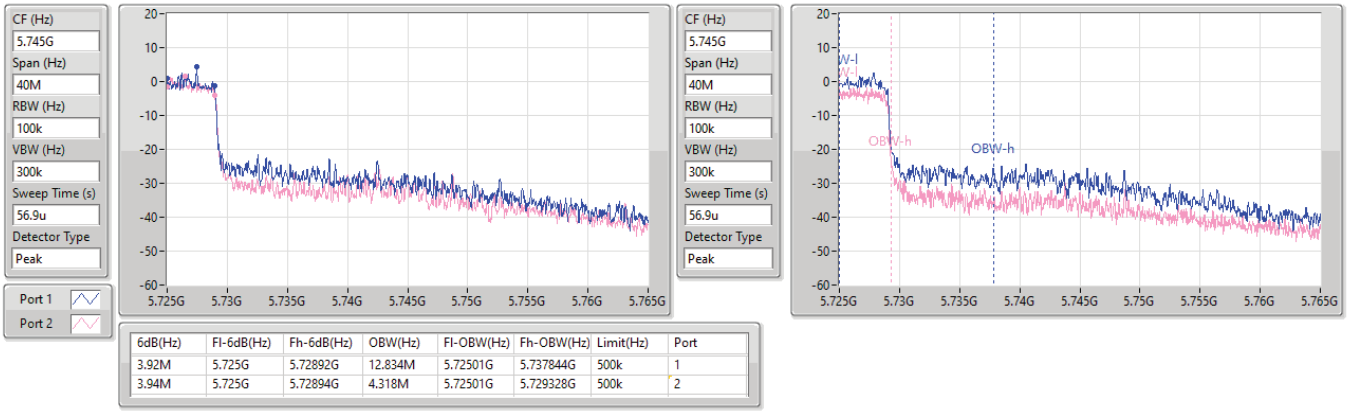


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.68965G	5.725G	33.583M	5.691224G	5.724808G	Inf	1
34.51M	5.69049G	5.725G	33.618M	5.691154G	5.724773G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

04/10/2023

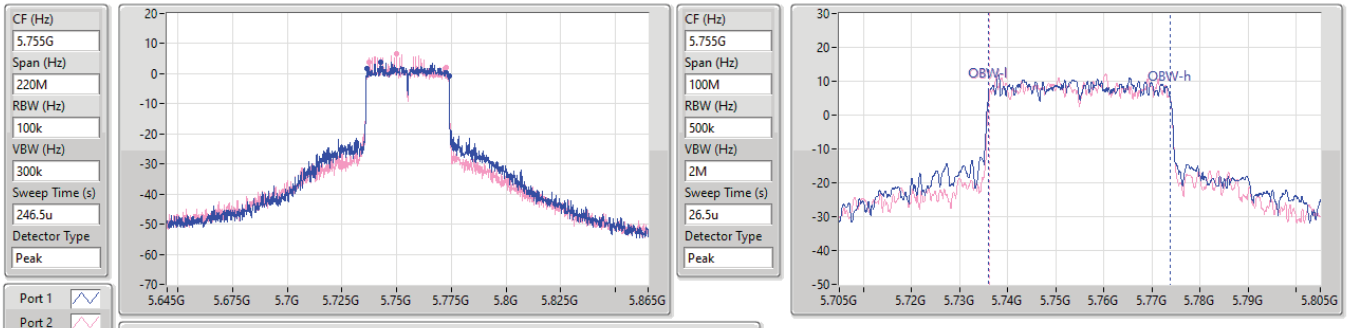


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	12.834M	5.72501G	5.737844G	500k	1
3.94M	5.725G	5.72894G	4.318M	5.72501G	5.729328G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5755MHz

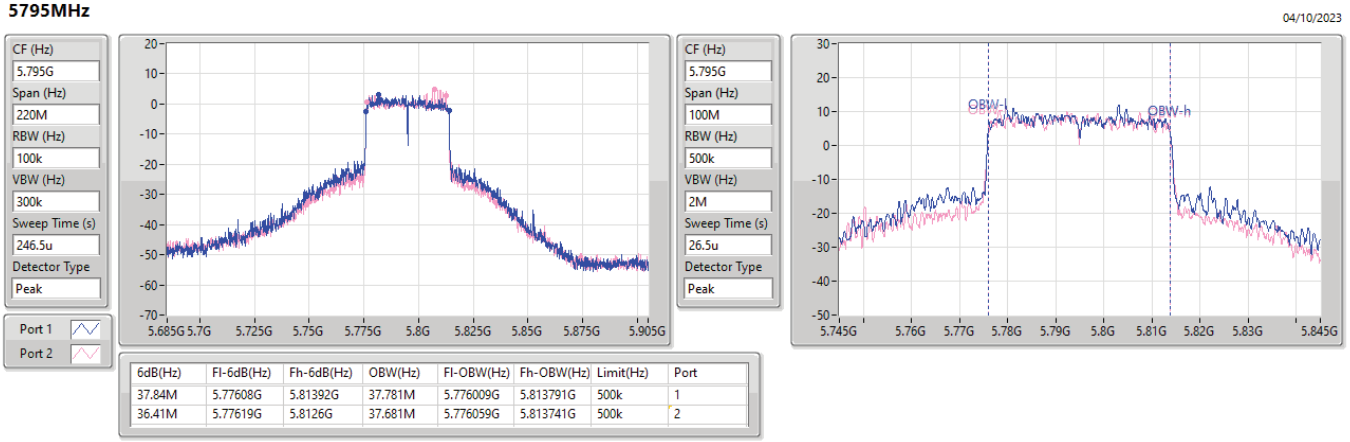
04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.73M	5.73619G	5.77392G	37.781M	5.736009G	5.773791G	500k	1
35.09M	5.7374G	5.77249G	37.631M	5.736159G	5.773791G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

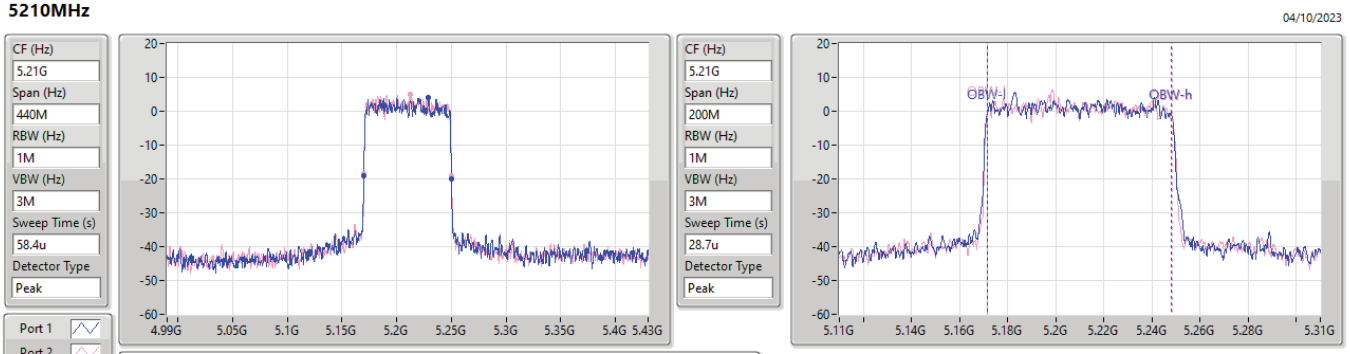
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	5.77608G	5.81392G	37.781M	5.776009G	5.813791G	500k	1
36.41M	5.77619G	5.8126G	37.681M	5.776059G	5.813741G	500k	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5210MHz

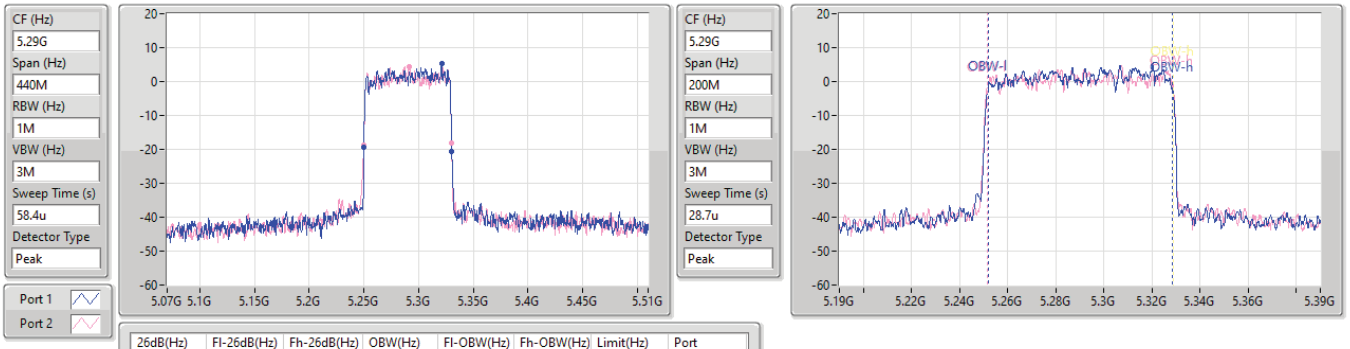


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.16996G	5.25004G	76.762M	5.171419G	5.248181G	Inf	1
80.3M	5.16996G	5.25026G	76.862M	5.171519G	5.248381G	Inf	2

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5290MHz

04/10/2023

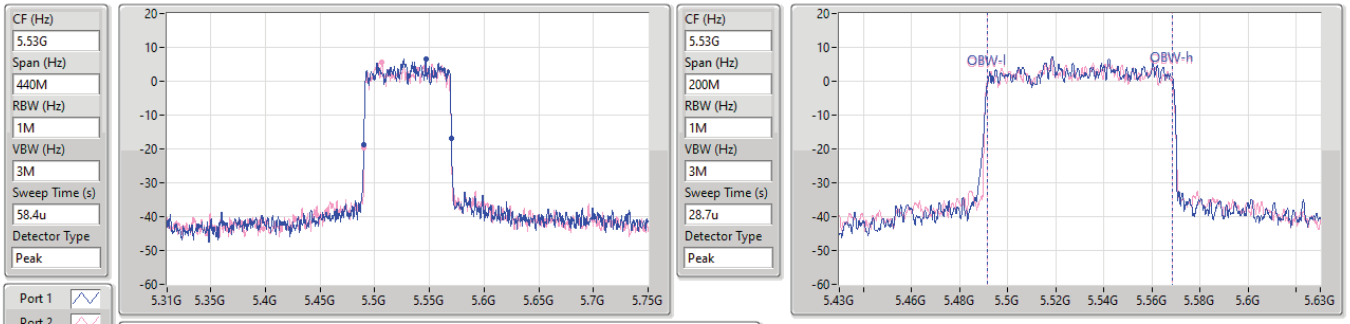


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.24996G	5.33026G	76.262M	5.252019G	5.328281G	Inf	1
80.52M	5.24974G	5.33026G	76.962M	5.251619G	5.328581G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5530MHz

04/10/2023

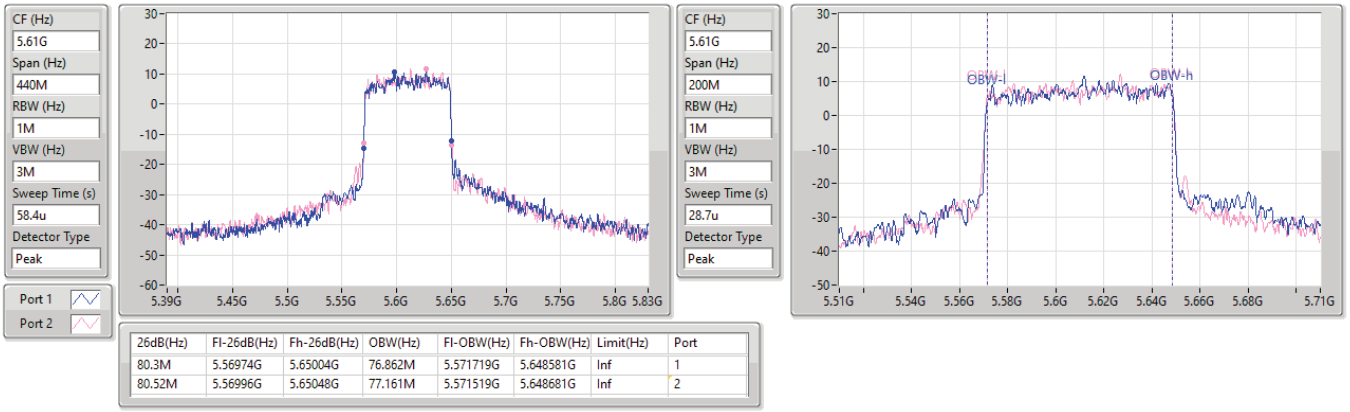


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.48996G	5.57004G	76.862M	5.491719G	5.568581G	Inf	1
80.08M	5.48996G	5.57004G	76.962M	5.491519G	5.568481G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5610MHz

04/10/2023

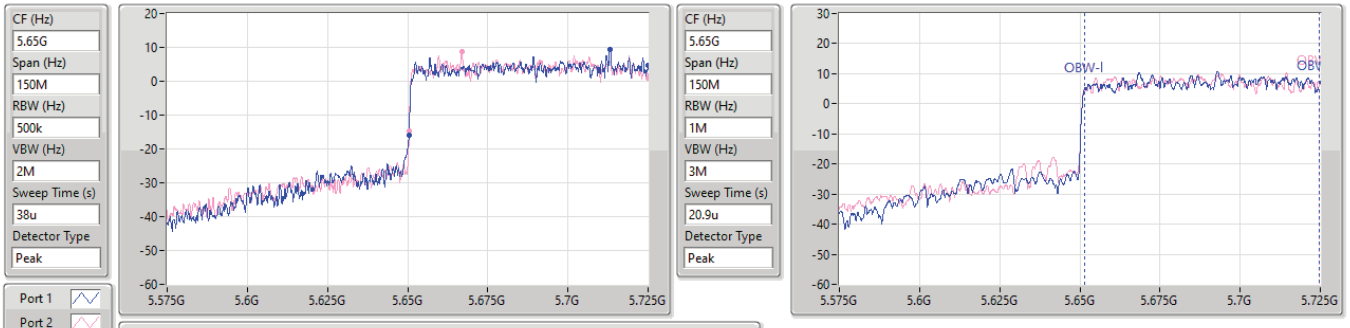


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.56974G	5.65004G	76.862M	5.571719G	5.648581G	Inf	1
80.52M	5.56996G	5.65048G	77.161M	5.571519G	5.648681G	Inf	2

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

04/10/2023

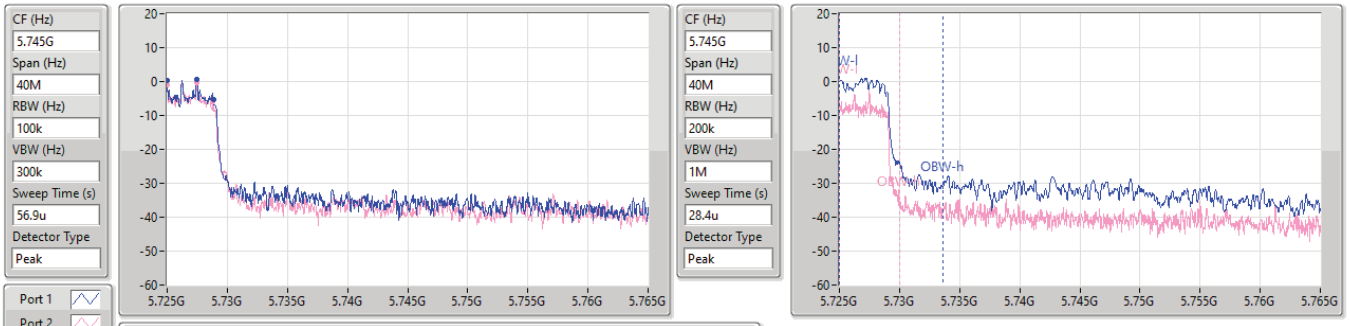


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.55M	5.65045G	5.725G	73.163M	5.651424G	5.724588G	Inf	1
74.55M	5.65045G	5.725G	73.163M	5.651424G	5.724588G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

04/10/2023

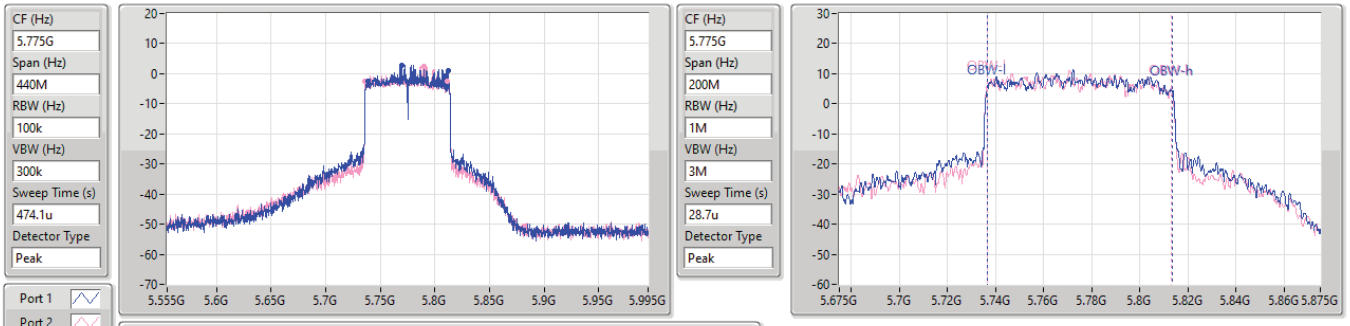


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.84M	5.725G	5.72884G	8.576M	5.72501G	5.733586G	500k	1
3.82M	5.725G	5.72882G	4.998M	5.72501G	5.730007G	500k	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5775MHz

04/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.14M	5.73848G	5.81262G	77.061M	5.736419G	5.813481G	500k	1
75.02M	5.73628G	5.8113G	76.862M	5.736319G	5.813181G	500k	2

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)_1TX	35.475M	18.141M	18M1D1D	21.67M	16.756M
802.11ax HEW20_Nss1,(MCS0)_1TX	36.63M	19.84M	19M8D1D	21.23M	19.015M
802.11ax HEW40_Nss1,(MCS0)_1TX	74.47M	37.931M	37M9D1D	39.27M	37.481M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.52M	77.061M	77M1D1D	80.52M	77.061M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	35.2M	18.955M	19M0D1D	21.175M	16.734M
802.11ax HEW20_Nss1,(MCS0)_1TX	37.675M	19.69M	19M7D1D	21.45M	19.115M
802.11ax HEW40_Nss1,(MCS0)_1TX	59.4M	37.931M	37M9D1D	39.82M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.52M	76.662M	76M7D1D	80.52M	76.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.355M	18.449M	18M4D1D	20.625M	14.513M
802.11ax HEW20_Nss1,(MCS0)_1TX	36.85M	19.765M	19M8D1D	20.35M	14.648M
802.11ax HEW40_Nss1,(MCS0)_1TX	82.5M	38.331M	38M3D1D	39.27M	34.003M
802.11ax HEW80_Nss1,(MCS0)_1TX	123.42M	77.661M	77M7D1D	80.08M	73.913M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.5M	18.955M	19M0D1D	3.28M	10.775M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.14M	20.965M	21M0D1D	4.52M	10.975M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.84M	38.281M	38M3D1D	3.96M	23.288M
802.11ax HEW80_Nss1,(MCS0)_1TX	70.4M	78.061M	78M1D1D	3.84M	34.803M

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

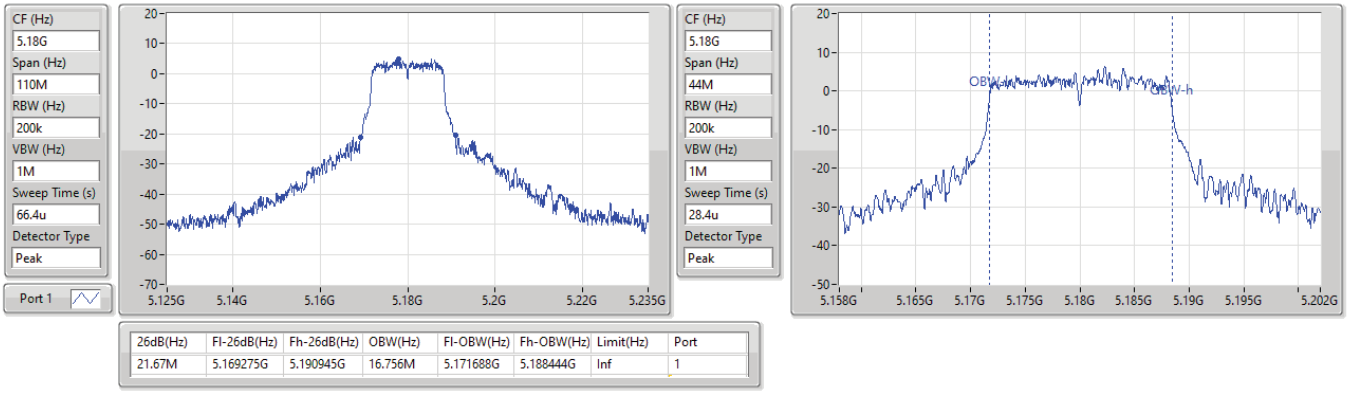
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.67M	16.756M
5200MHz	Pass	Inf	34.65M	17.987M
5240MHz	Pass	Inf	35.475M	18.141M
5260MHz	Pass	Inf	34.87M	18.955M
5300MHz	Pass	Inf	35.2M	18.603M
5320MHz	Pass	Inf	21.175M	16.734M
5500MHz	Pass	Inf	20.625M	16.558M
5580MHz	Pass	Inf	36.355M	18.449M
5700MHz	Pass	Inf	20.735M	16.734M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.84M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	10.775M
5745MHz	Pass	500k	16.5M	18.889M
5785MHz	Pass	500k	16.5M	18.823M
5825MHz	Pass	500k	16.445M	18.955M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.23M	19.015M
5200MHz	Pass	Inf	36.63M	19.84M
5240MHz	Pass	Inf	31.68M	19.565M
5260MHz	Pass	Inf	37.675M	19.465M
5300MHz	Pass	Inf	37.4M	19.69M
5320MHz	Pass	Inf	21.45M	19.115M
5500MHz	Pass	Inf	20.35M	19.04M
5580MHz	Pass	Inf	36.85M	19.765M
5700MHz	Pass	Inf	20.79M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.95M	14.648M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	10.975M
5745MHz	Pass	500k	18.535M	20.24M
5785MHz	Pass	500k	19.085M	20.965M
5825MHz	Pass	500k	19.14M	19.34M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.27M	37.481M
5230MHz	Pass	Inf	74.47M	37.931M
5270MHz	Pass	Inf	59.4M	37.931M
5310MHz	Pass	Inf	39.82M	37.581M
5510MHz	Pass	Inf	39.27M	37.681M
5550MHz	Pass	Inf	82.5M	38.331M
5670MHz	Pass	Inf	57.75M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	49.63M	34.003M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	23.288M
5755MHz	Pass	500k	37.62M	38.281M
5795MHz	Pass	500k	37.84M	38.131M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	80.52M	77.061M
5290MHz	Pass	Inf	80.52M	76.662M
5530MHz	Pass	Inf	80.08M	76.862M
5610MHz	Pass	Inf	123.42M	77.661M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	122.175M	73.913M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	34.803M
5775MHz	Pass	500k	70.4M	78.061M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5180MHz

12/10/2023

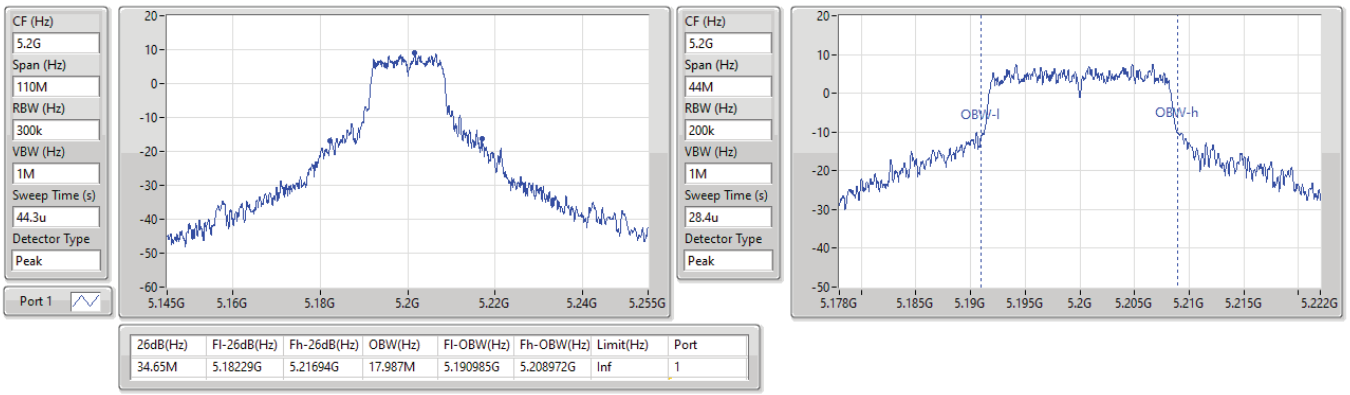


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.67M	5.169275G	5.190945G	16.756M	5.171688G	5.188444G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5200MHz

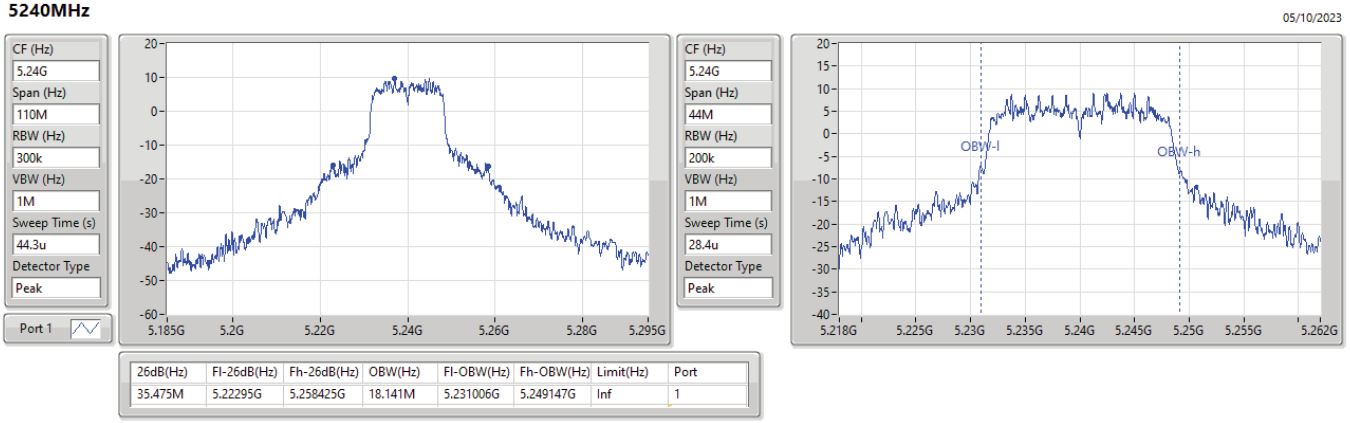
05/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.65M	5.18229G	5.21694G	17.987M	5.190985G	5.208972G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

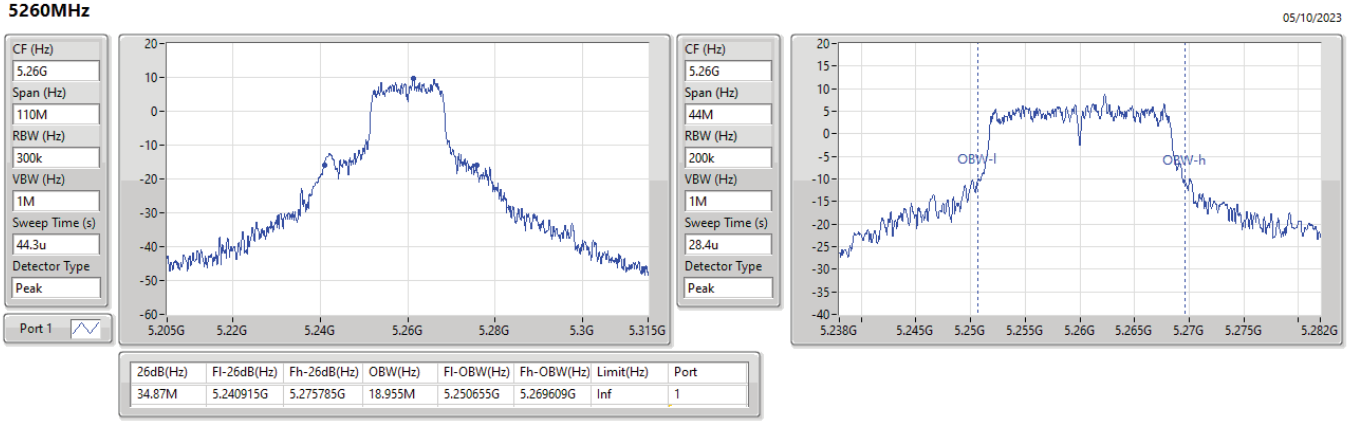
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.475M	5.22295G	5.258425G	18.141M	5.231006G	5.249147G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

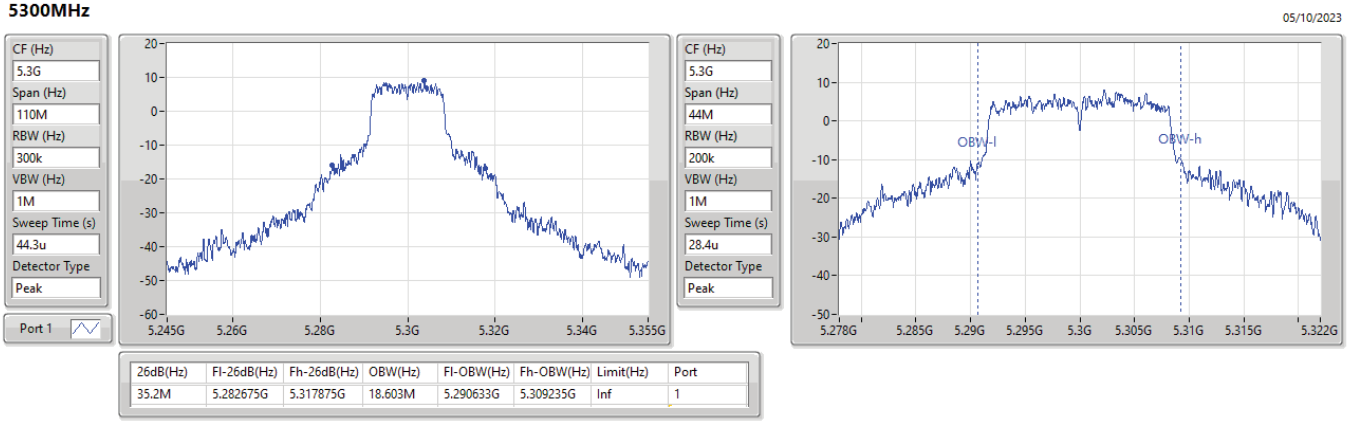
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.87M	5.240915G	5.275785G	18.955M	5.250655G	5.269609G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

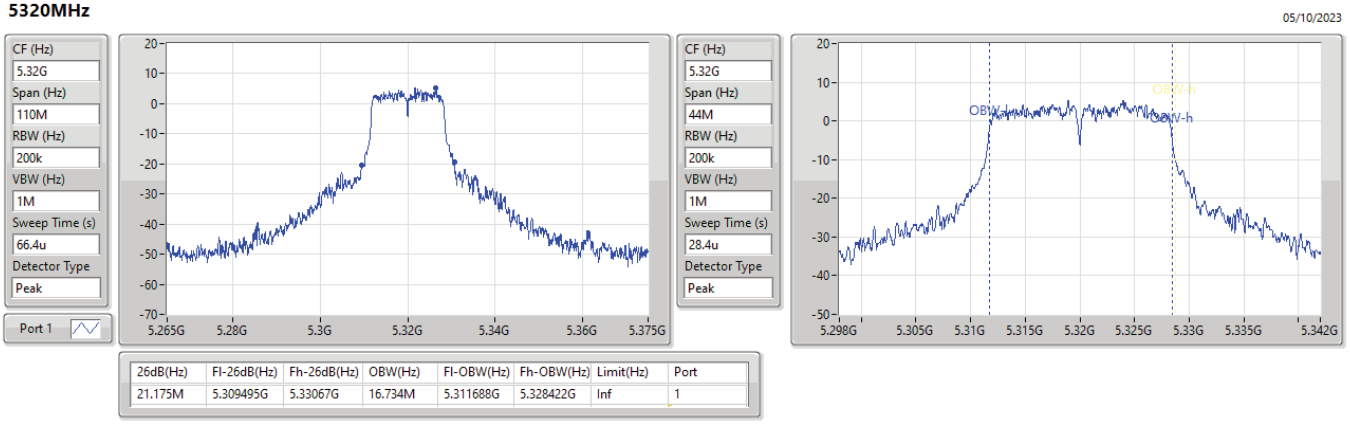
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.2M	5.282675G	5.317875G	18.603M	5.290633G	5.309235G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

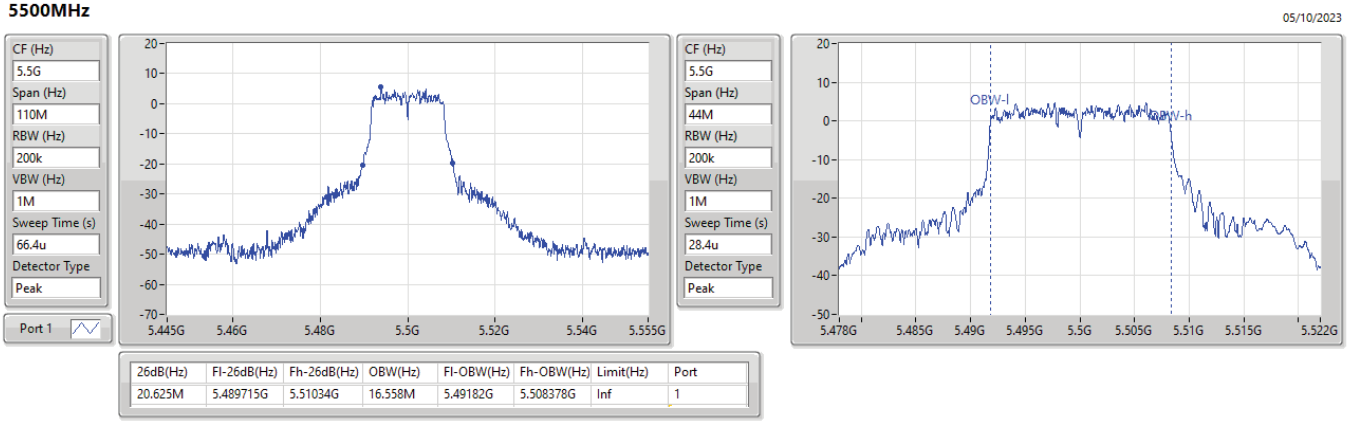
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.309495G	5.33067G	16.734M	5.311688G	5.328422G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

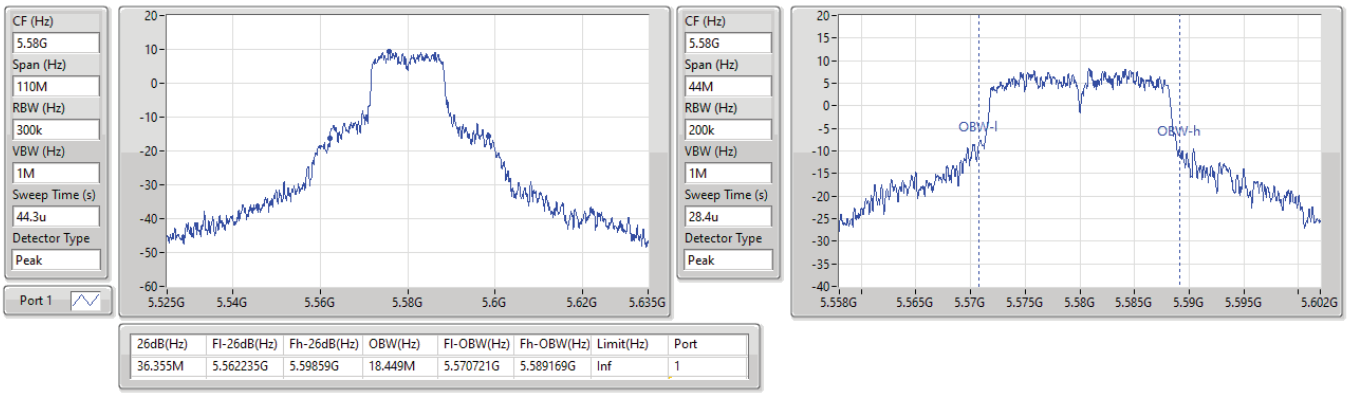
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.489715G	5.51034G	16.558M	5.49182G	5.508378G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5580MHz

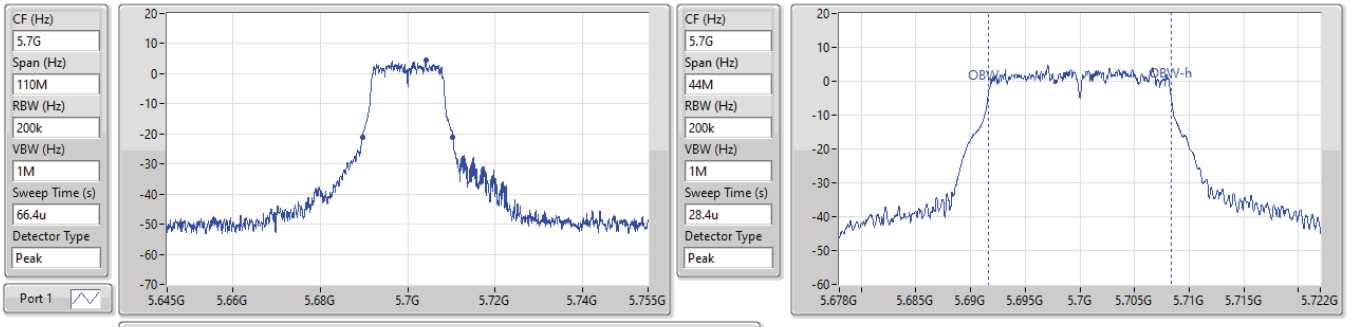


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.355M	5.562235G	5.59859G	18.449M	5.570721G	5.589169G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5700MHz

05/10/2023

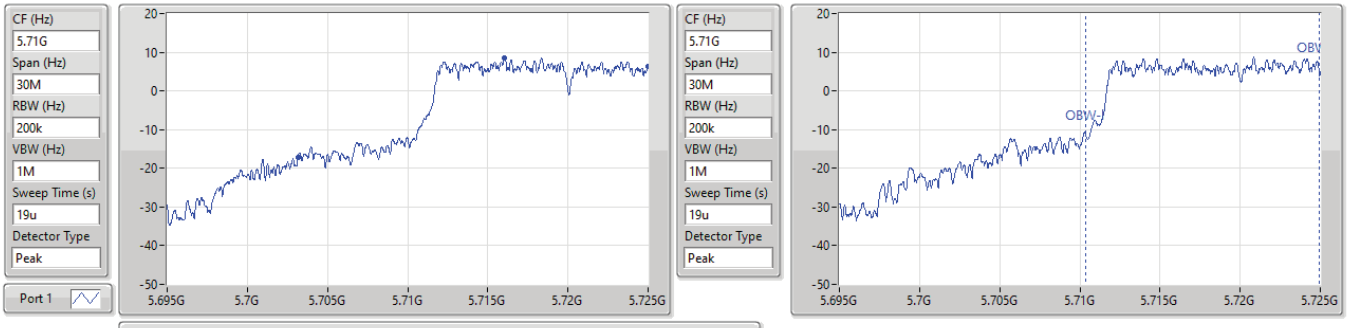


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.735M	5.68966G	5.710395G	16.734M	5.6916G	5.708334G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

05/10/2023

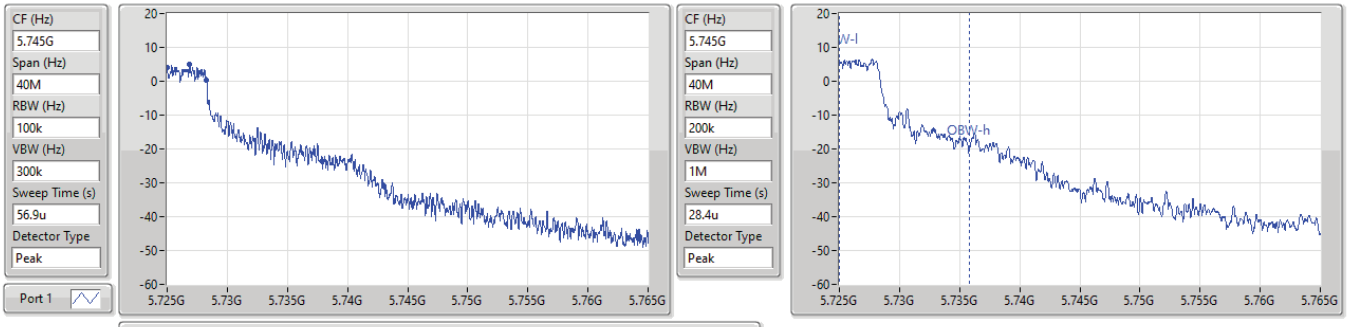


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.70316G	5.725G	14.513M	5.71039G	5.724903G	Inf	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

05/10/2023

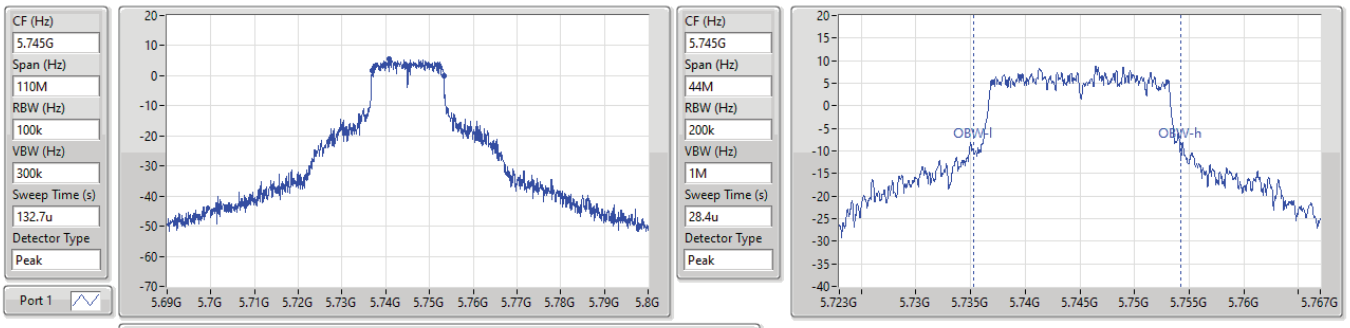


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.28M	5.725G	5.72828G	10.775M	5.72501G	5.735785G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5745MHz

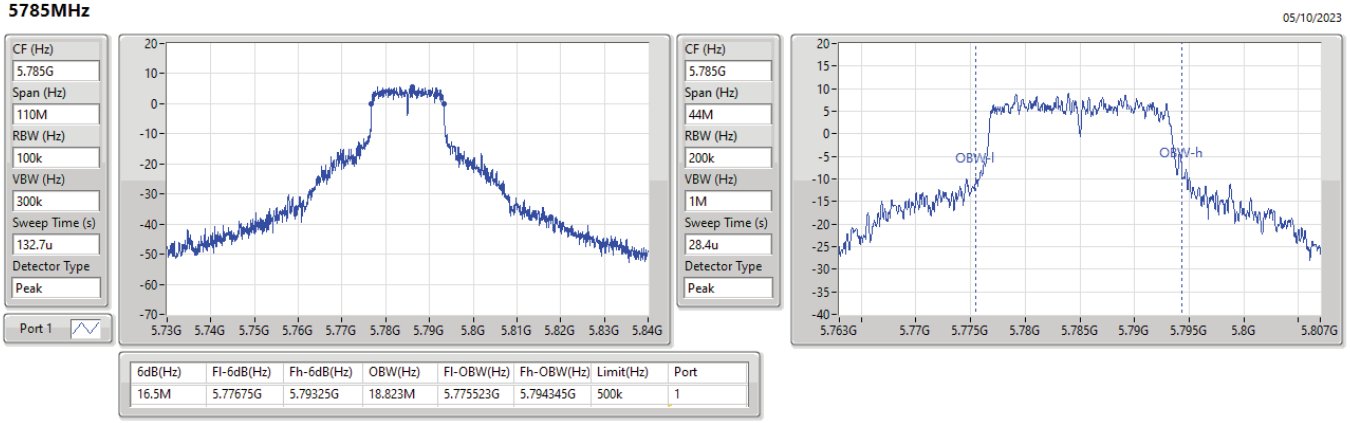
05/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.736805G	5.753305G	18.889M	5.735303G	5.754191G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

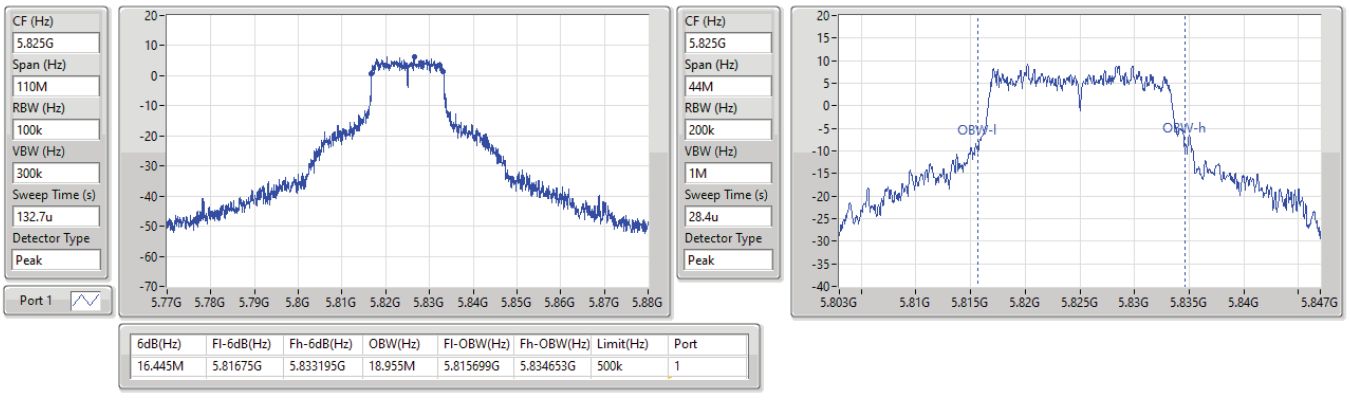
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.77675G	5.79325G	18.823M	5.775523G	5.794345G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

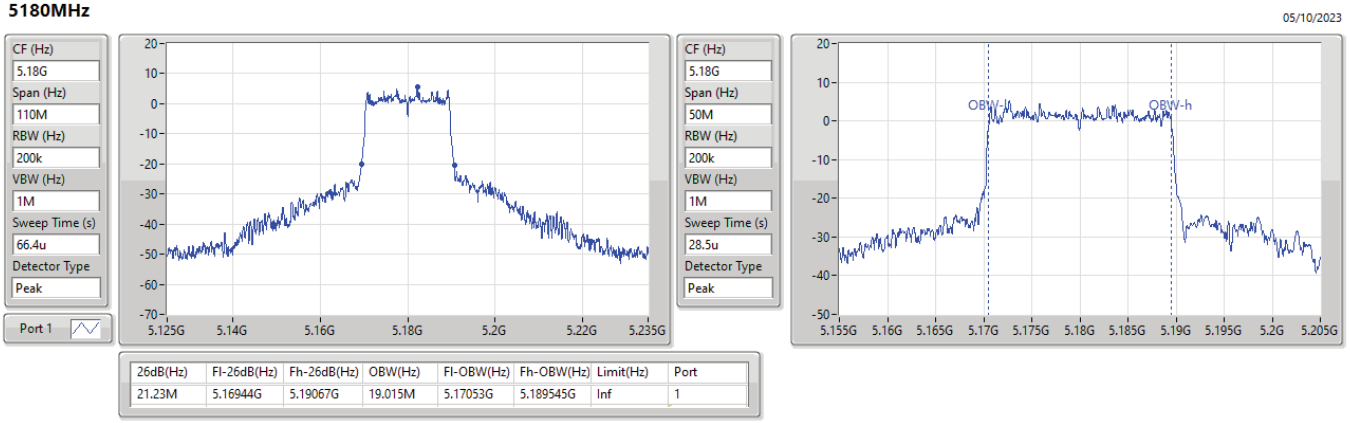
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.81675G	5.833195G	18.955M	5.815699G	5.834653G	500k	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

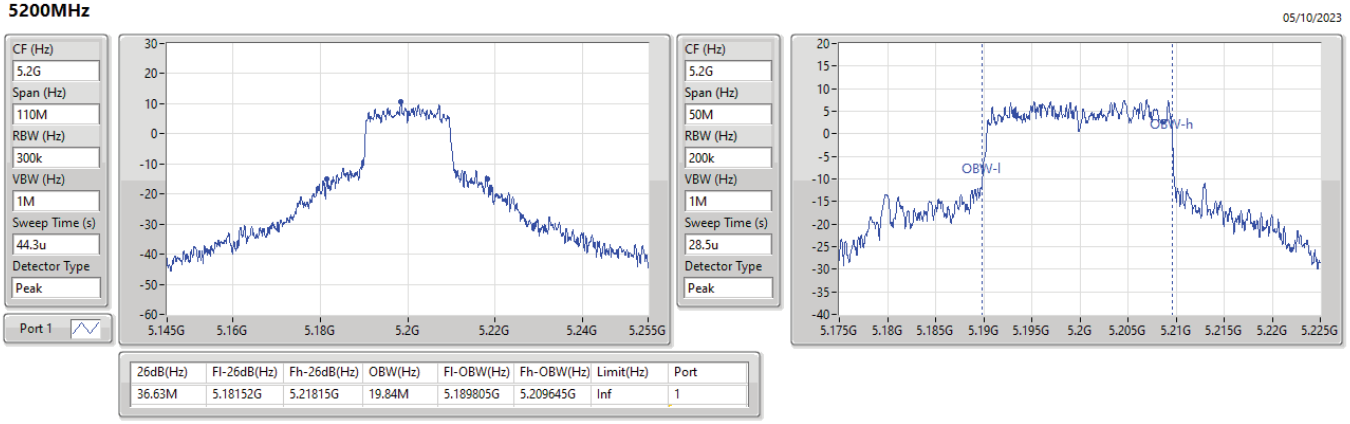
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	5.16944G	5.19067G	19.015M	5.17053G	5.189545G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5200MHz

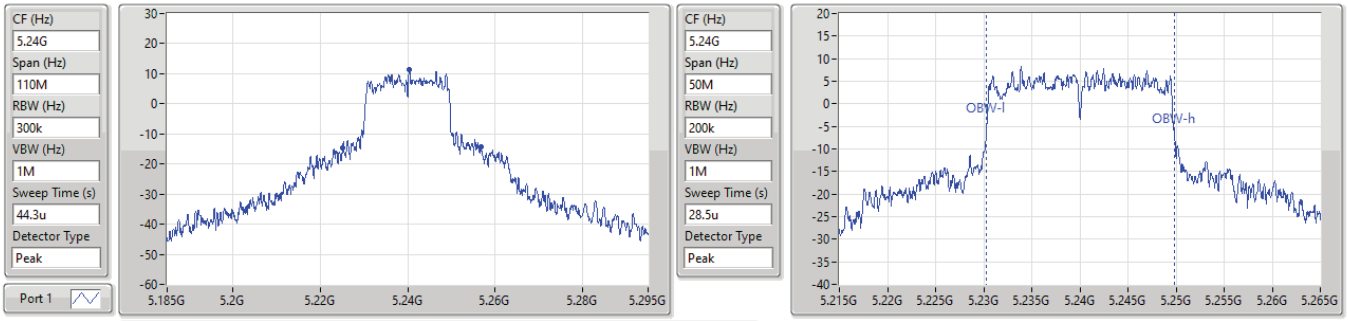


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.63M	5.18152G	5.21815G	19.84M	5.189805G	5.209645G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5240MHz

05/10/2023

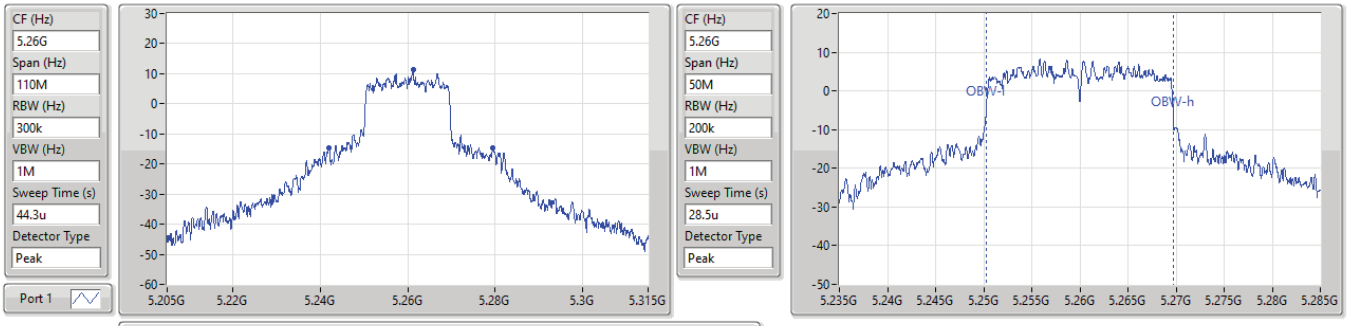


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.68M	5.22515G	5.25683G	19.565M	5.230305G	5.24987G	Inf	1

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5260MHz

05/10/2023

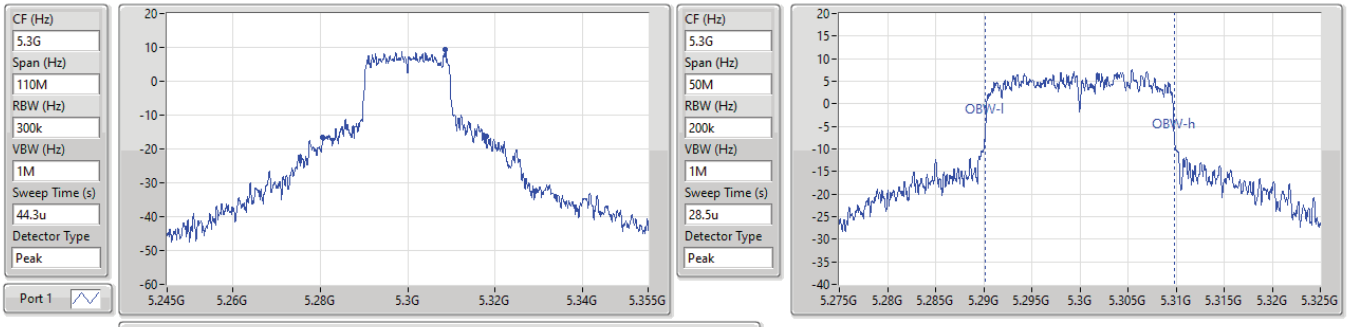


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.675M	5.241905G	5.27958G	19.465M	5.250255G	5.26972G	Inf	1

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5300MHz

05/10/2023

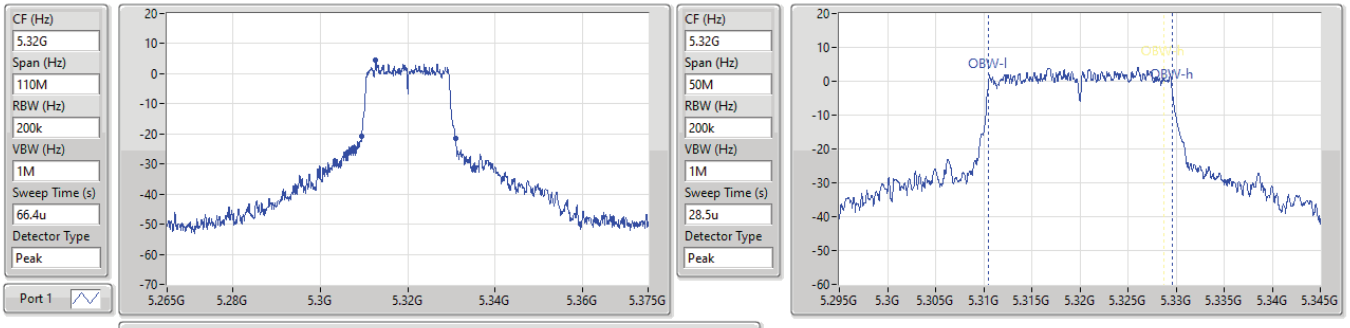


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	5.28053G	5.31793G	19.69M	5.29018G	5.30987G	Inf	1

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5320MHz

05/10/2023

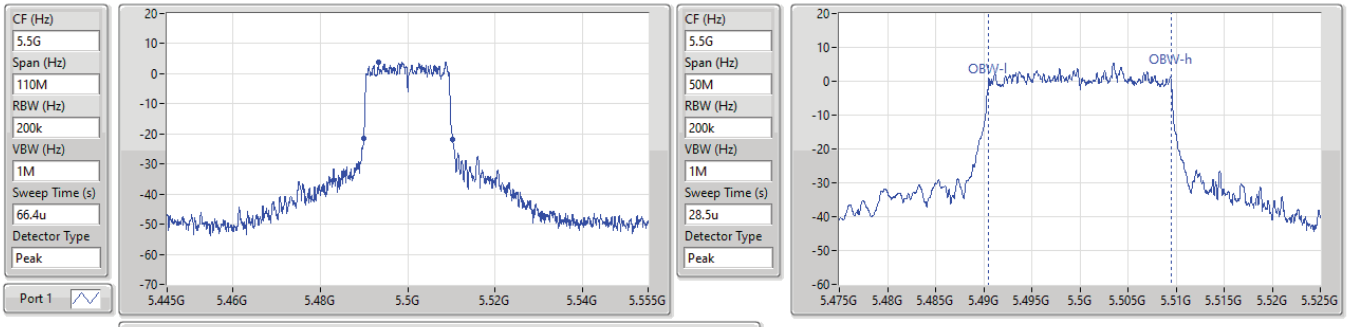


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.309495G	5.330945G	19.115M	5.31048G	5.329595G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5500MHz

05/10/2023

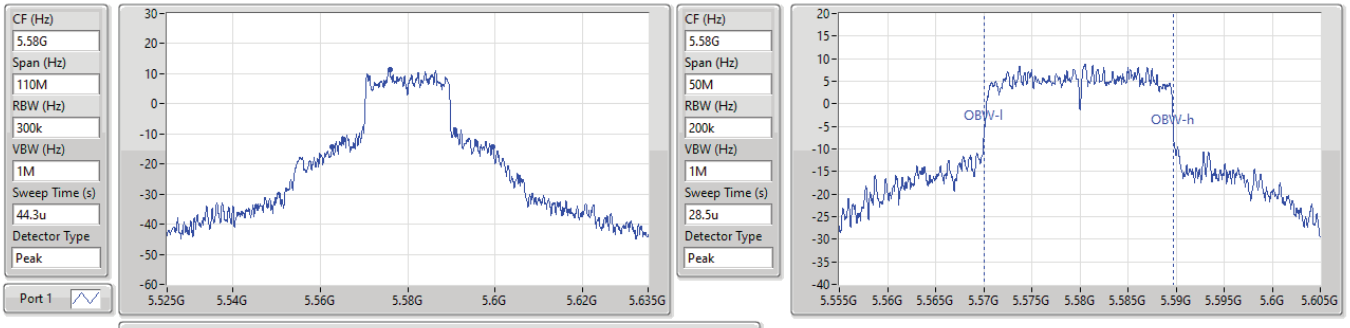


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.489935G	5.510285G	19.04M	5.490455G	5.509495G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5580MHz

05/10/2023

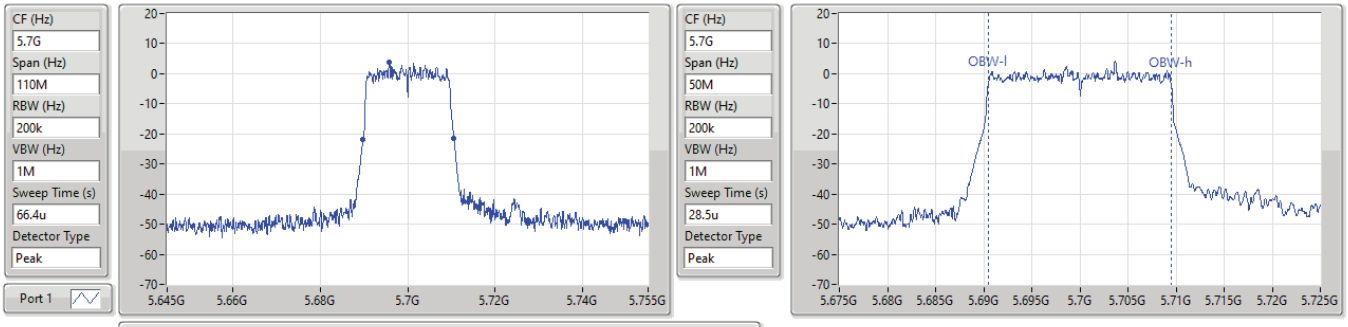


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.85M	5.562675G	5.599525G	19.765M	5.570005G	5.58977G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5700MHz

05/10/2023

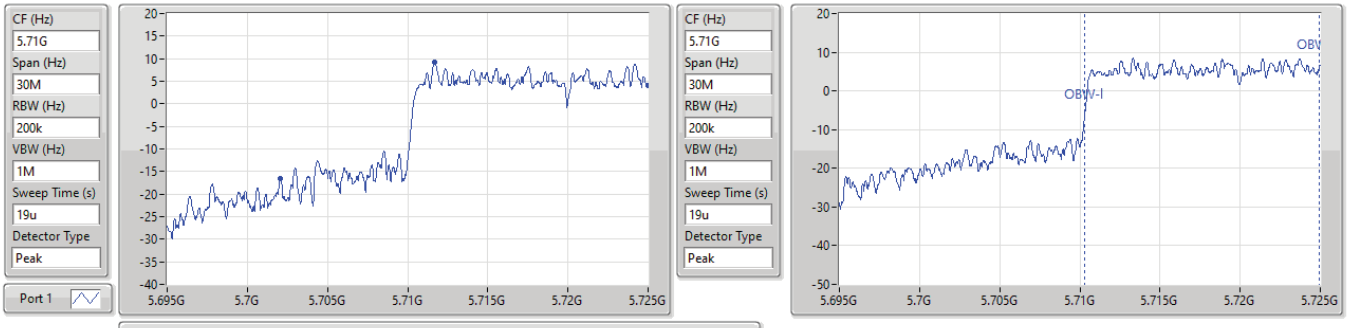


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.689825G	5.710615G	18.966M	5.690505G	5.70947G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

05/10/2023

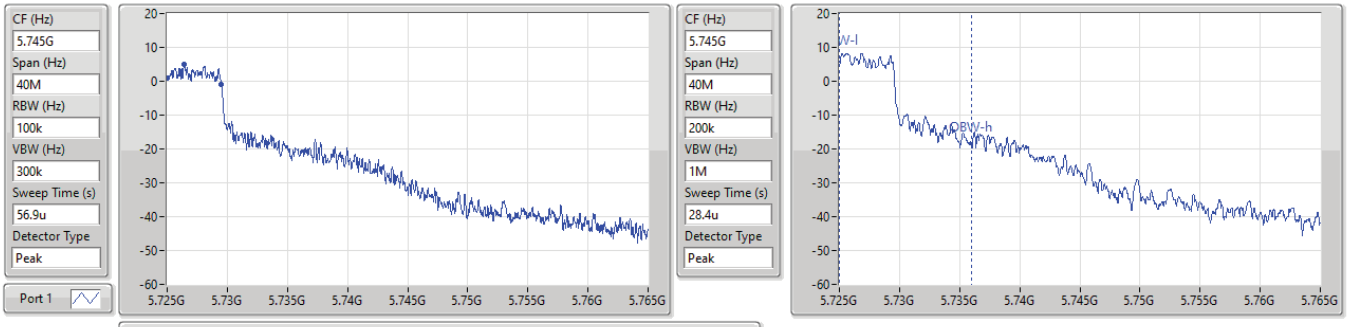


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.95M	5.70205G	5.725G	14.648M	5.7103G	5.724948G	Inf	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

05/10/2023

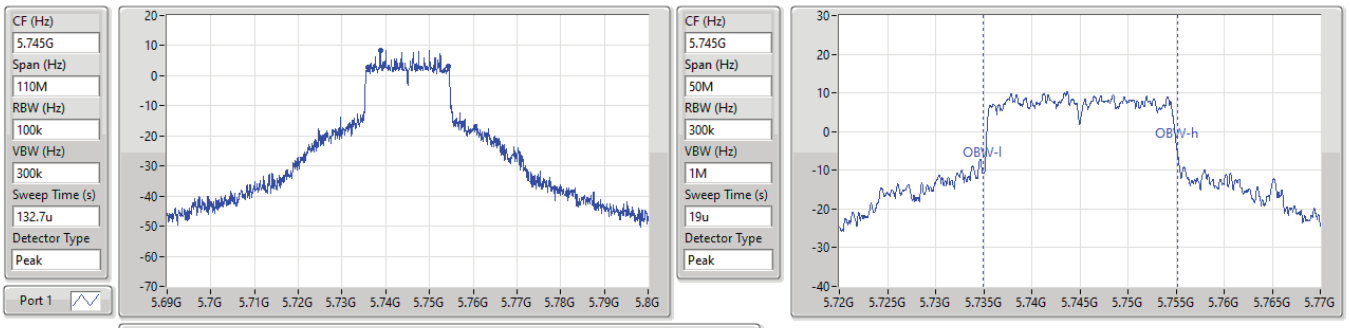


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.52M	5.725G	5.72952G	10.975M	5.72503G	5.736004G	500k	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5745MHz

05/10/2023

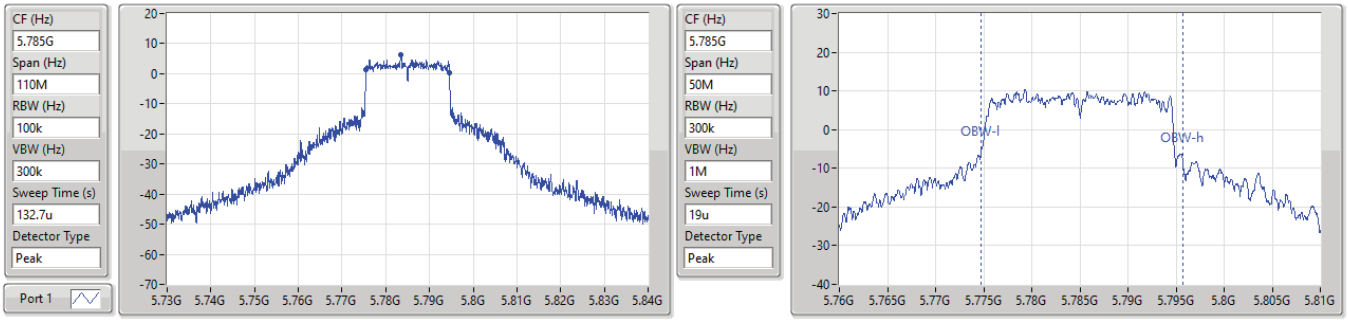


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.735815G	5.75435G	20.24M	5.73493G	5.75517G	500k	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5785MHz

05/10/2023

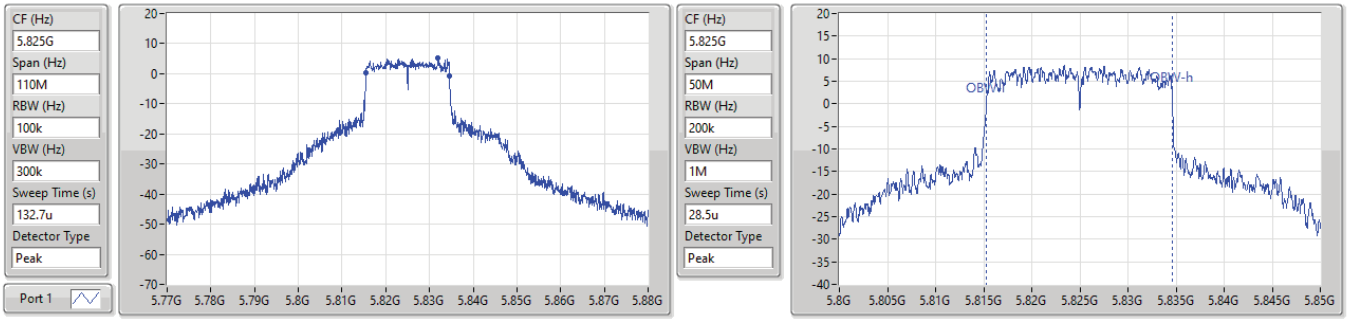


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.085M	5.775485G	5.79457G	20.965M	5.774705G	5.79567G	500k	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5825MHz

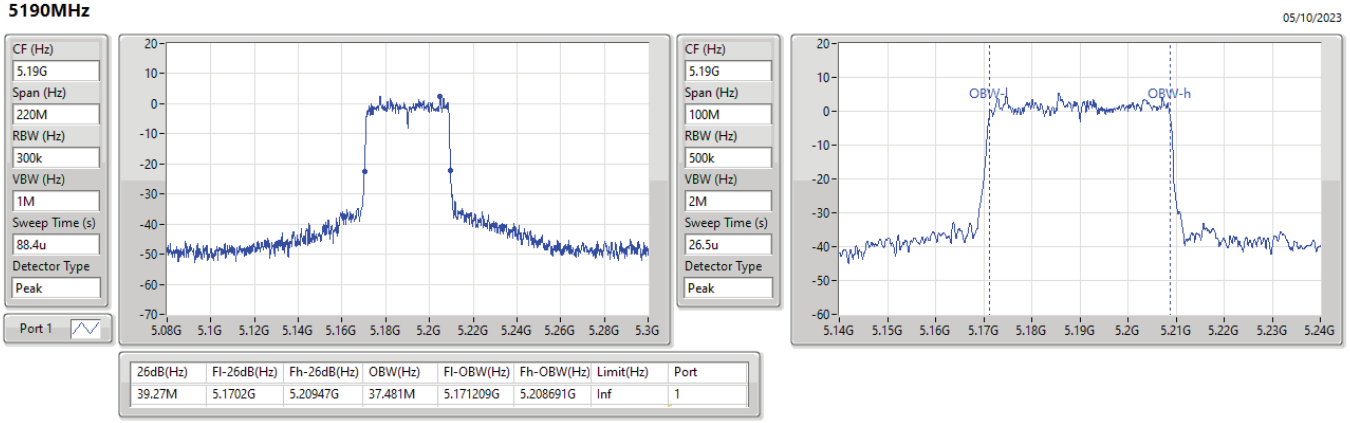
05/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.81543G	5.83457G	19.34M	5.815255G	5.834595G	500k	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

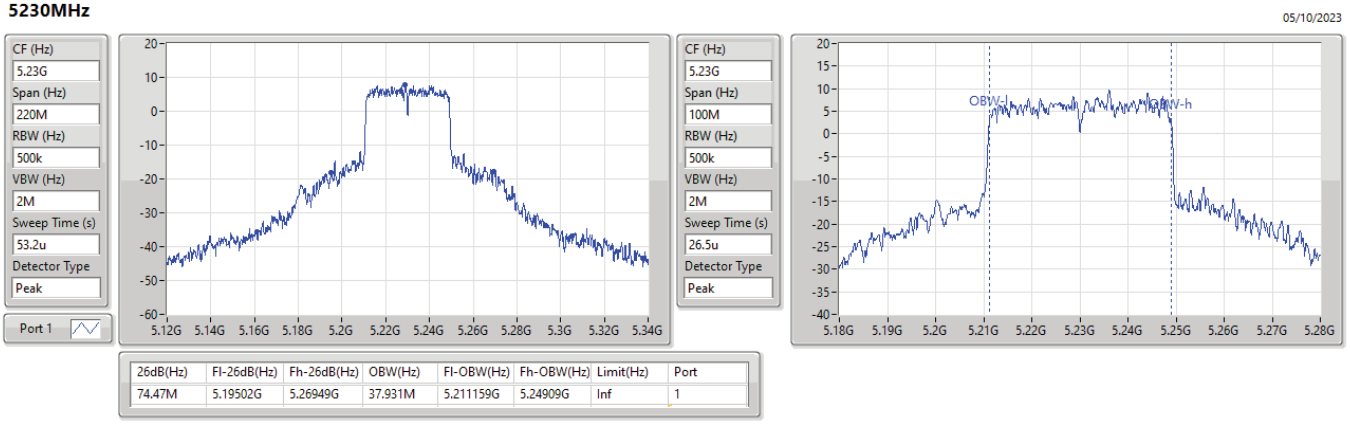
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.1702G	5.20947G	37.481M	5.171209G	5.208691G	Inf	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5230MHz

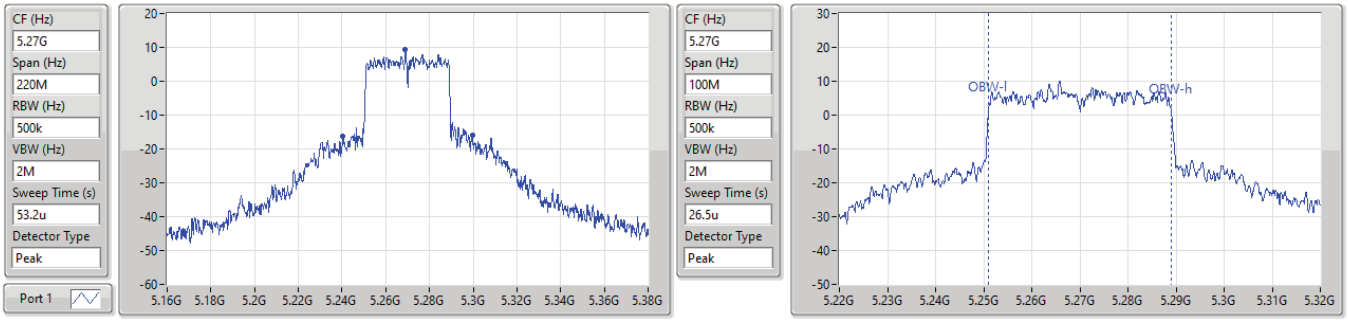


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.47M	5.19502G	5.26949G	37.931M	5.211159G	5.24909G	Inf	1

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5270MHz

05/10/2023

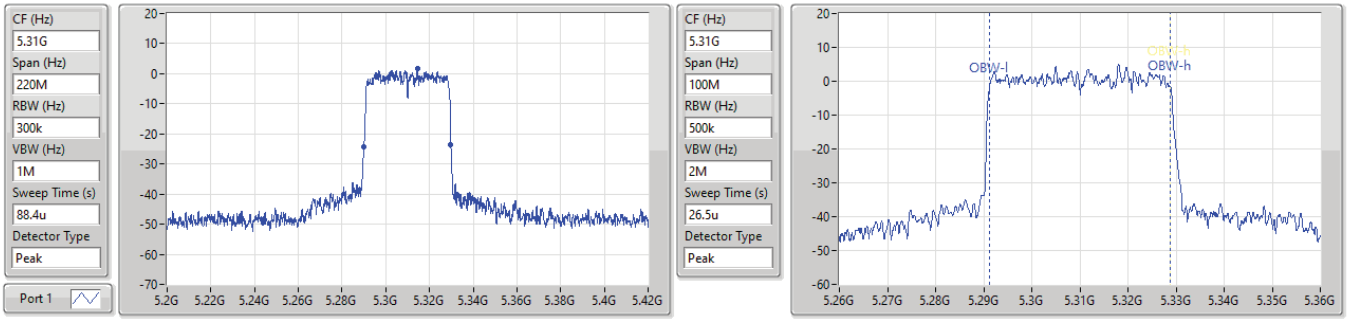


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
59.4M	5.2403G	5.2997G	37.931M	5.251059G	5.288991G	Inf	1

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5310MHz

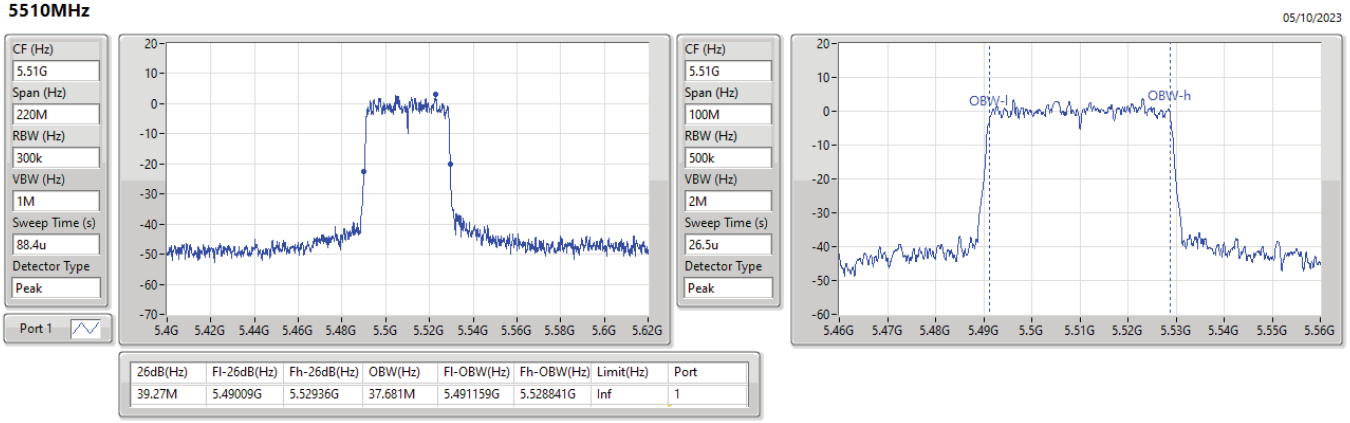
05/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.82M	5.28998G	5.3298G	37.581M	5.291259G	5.328841G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

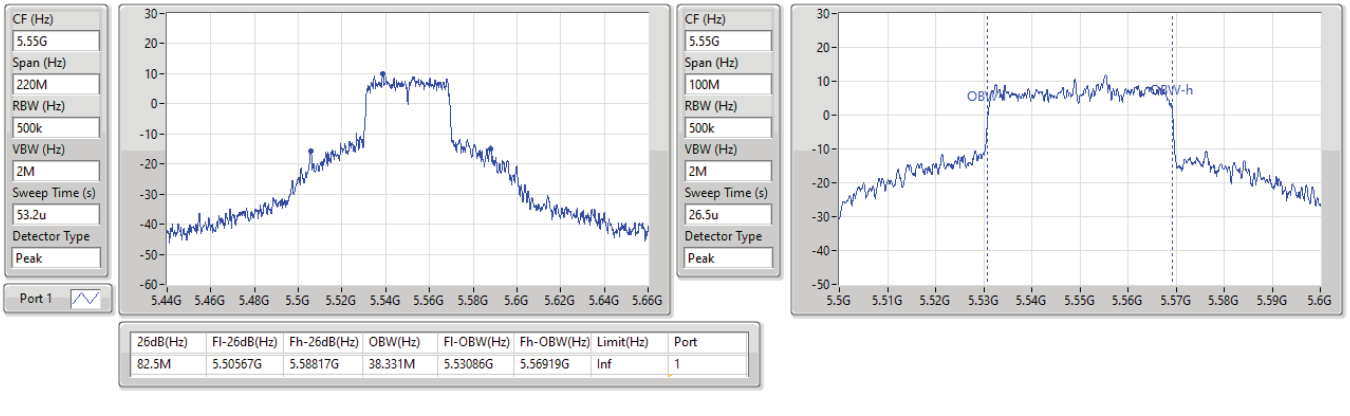
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.49009G	5.52936G	37.681M	5.491159G	5.528841G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

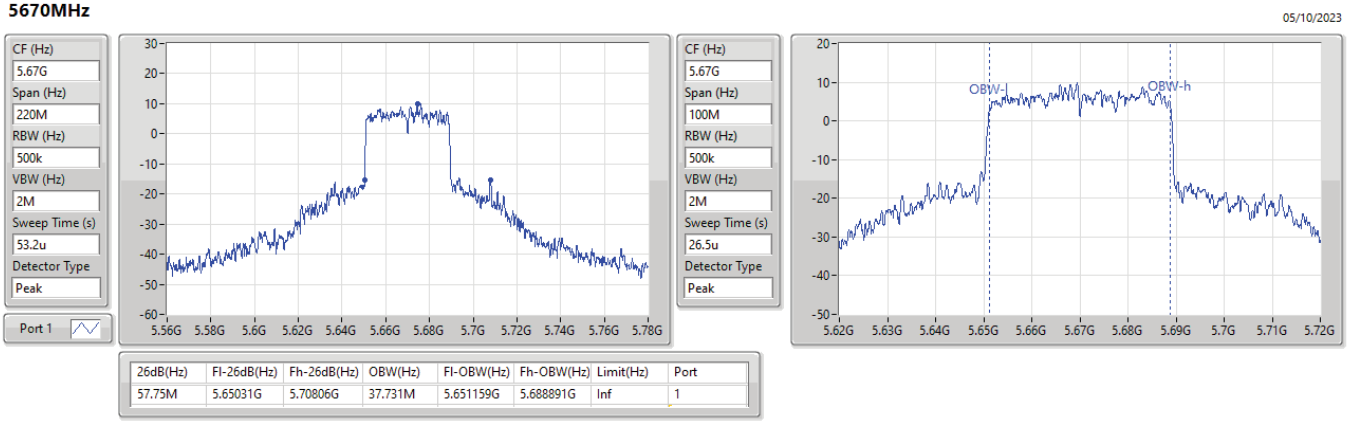
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.50567G	5.58817G	38.331M	5.53086G	5.56919G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

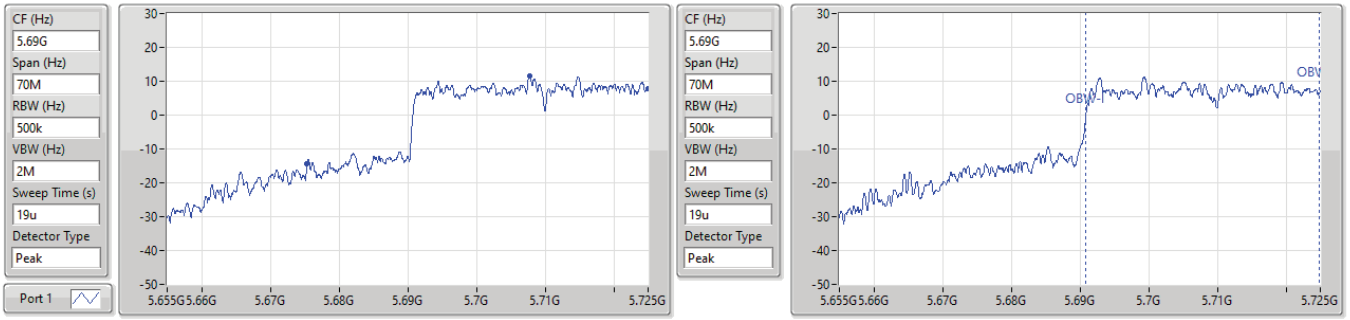
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.75M	5.65031G	5.70806G	37.731M	5.651159G	5.688891G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.47-5.725GHz

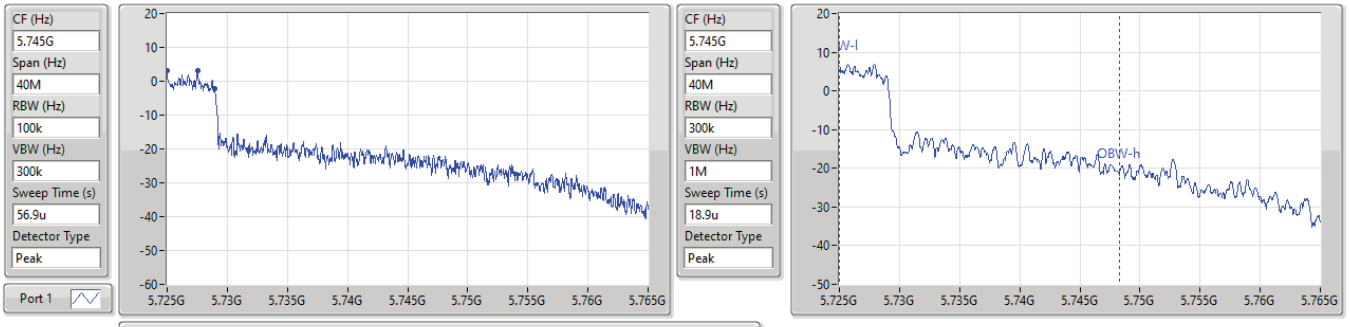


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.63M	5.67537G	5.725G	34.003M	5.690805G	5.724808G	Inf	1

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.725-5.85GHz

05/10/2023

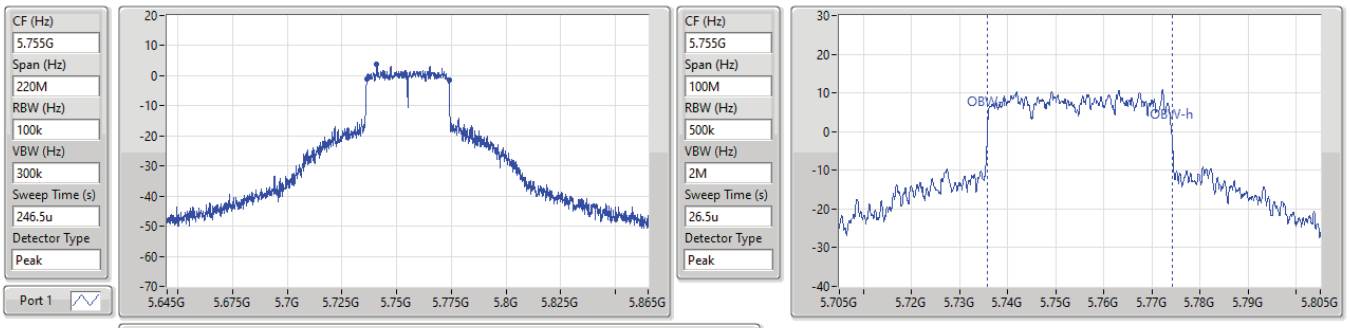


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	23.288M	5.72501G	5.748298G	500k	1

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5755MHz

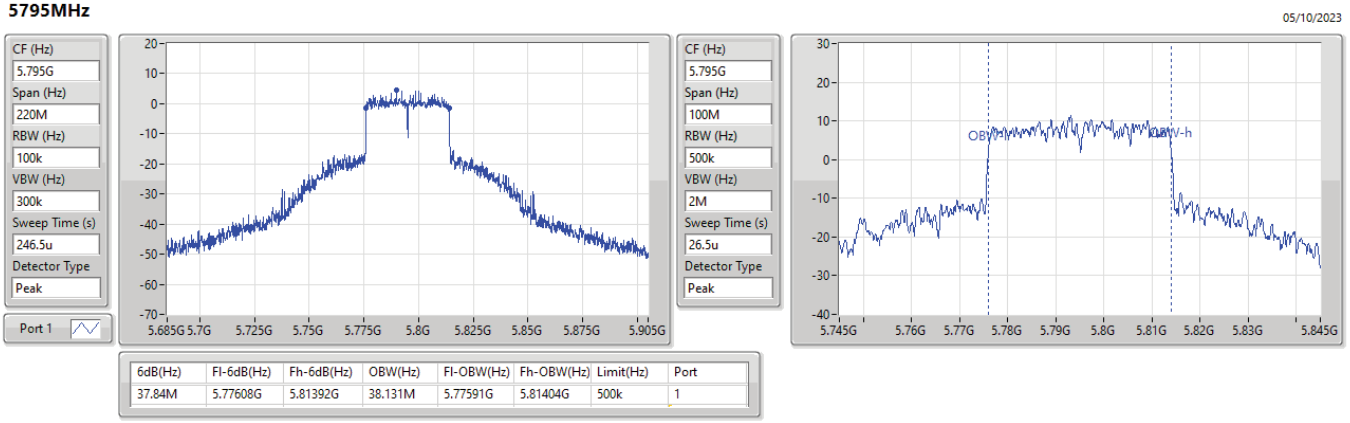
05/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.7363G	5.77392G	38.281M	5.73586G	5.77414G	500k	1

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

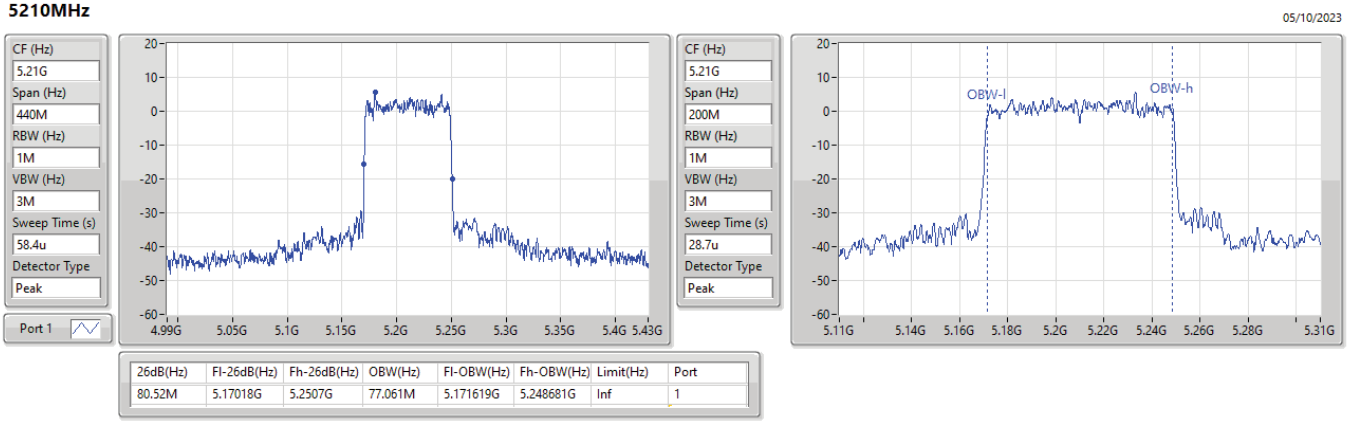
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	5.77608G	5.81392G	38.131M	5.77591G	5.81404G	500k	1

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5210MHz

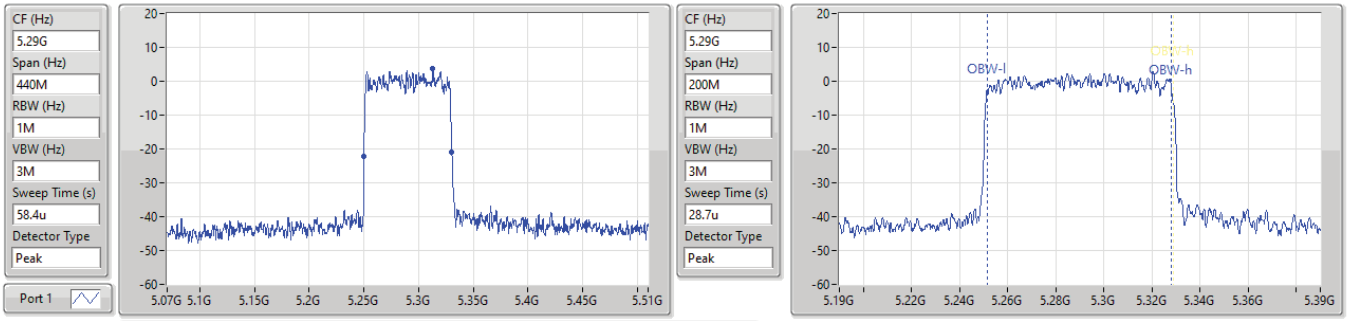


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.17018G	5.2507G	77.061M	5.171619G	5.248681G	Inf	1

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5290MHz

05/10/2023

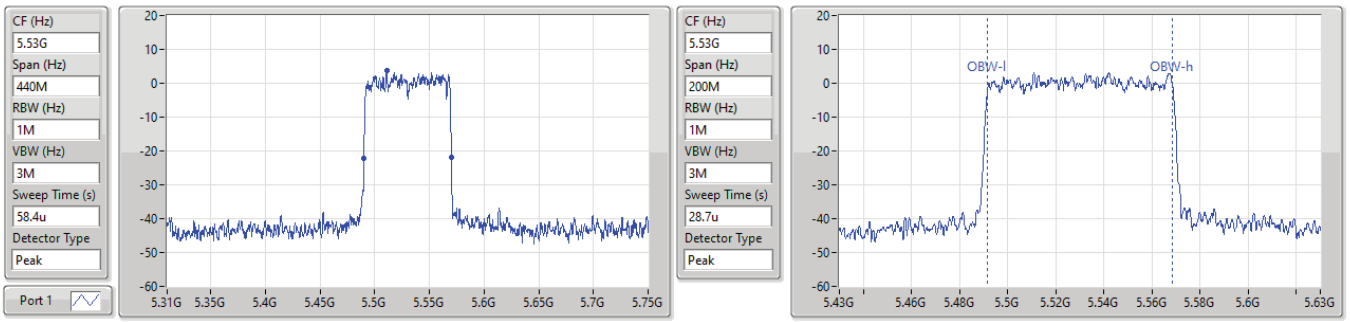


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.24996G	5.33048G	76.662M	5.251519G	5.328181G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5530MHz

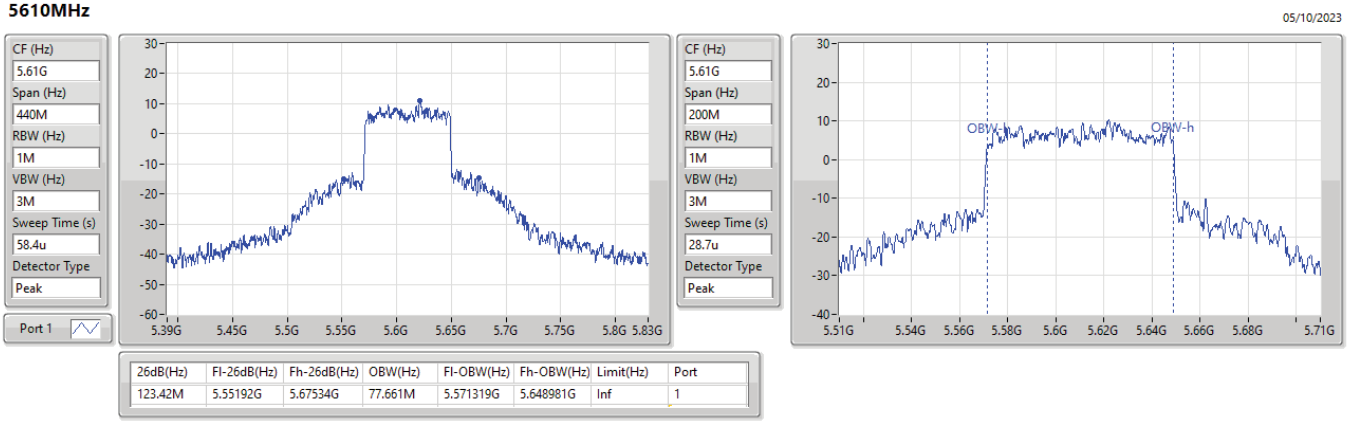
05/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.48996G	5.57004G	76.862M	5.491719G	5.568581G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

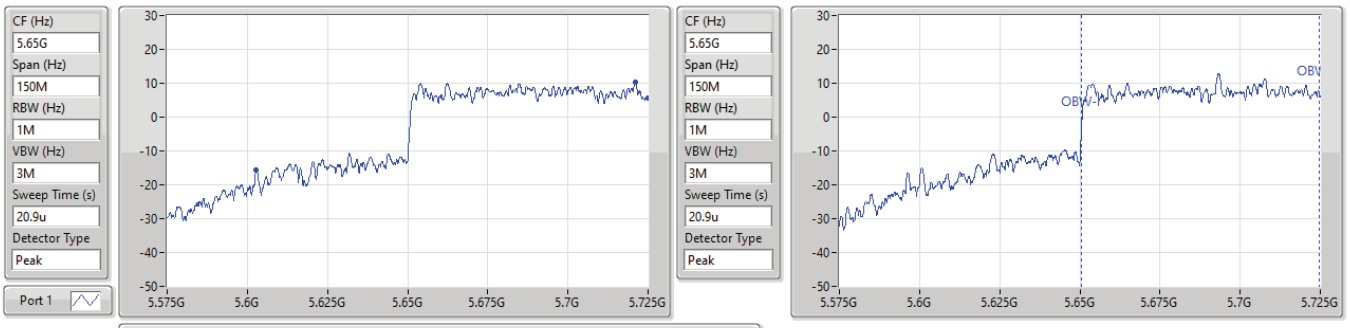
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
123.42M	5.55192G	5.67534G	77.661M	5.571319G	5.648981G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5690MHz Straddle 5.47-5.725GHz

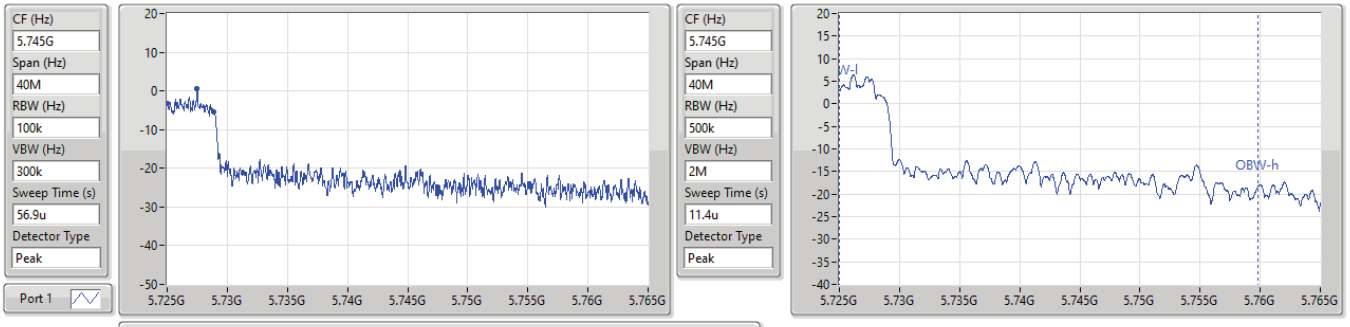


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
122.175M	5.602825G	5.725G	73.913M	5.6506G	5.724513G	Inf	1

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5690MHz Straddle 5.725-5.85GHz

05/10/2023

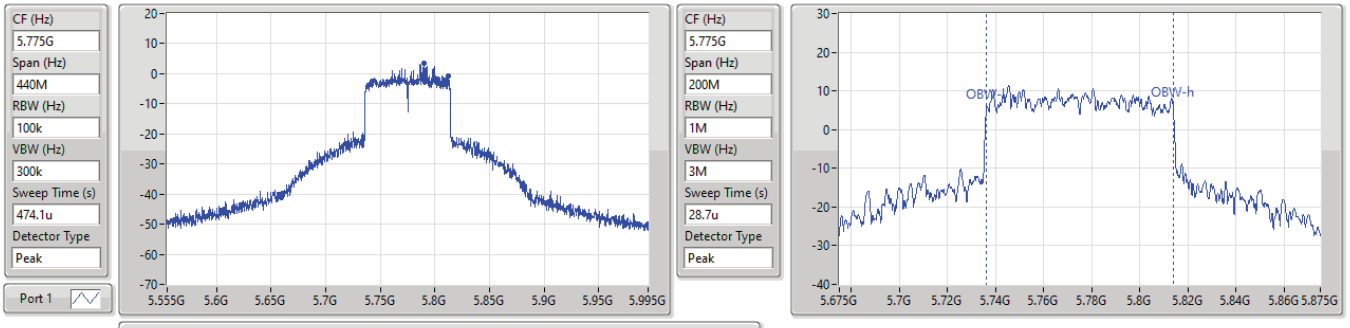


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.84M	5.725G	5.72884G	34.803M	5.72503G	5.759833G	500k	1

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5775MHz

05/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.4M	5.74222G	5.81262G	78.061M	5.73592G	5.813981G	500k	1

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)_1TX	28.49M	17.261M	17M3D1D	21.67M	16.756M
802.11ax HEW20_Nss1,(MCS0)_1TX	25.575M	19.19M	19M2D1D	21.23M	19.015M
802.11ax HEW40_Nss1,(MCS0)_1TX	56.21M	37.531M	37M5D1D	39.27M	37.481M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.52M	77.061M	77M1D1D	80.52M	77.061M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	35.2M	18.955M	19M0D1D	21.175M	16.734M
802.11ax HEW20_Nss1,(MCS0)_1TX	37.675M	19.69M	19M7D1D	21.45M	19.115M
802.11ax HEW40_Nss1,(MCS0)_1TX	59.4M	37.931M	37M9D1D	39.82M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.52M	76.662M	76M7D1D	80.52M	76.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.355M	18.449M	18M4D1D	20.625M	14.513M
802.11ax HEW20_Nss1,(MCS0)_1TX	36.85M	19.765M	19M8D1D	20.35M	14.648M
802.11ax HEW40_Nss1,(MCS0)_1TX	82.5M	38.331M	38M3D1D	39.27M	34.003M
802.11ax HEW80_Nss1,(MCS0)_1TX	123.42M	77.661M	77M7D1D	80.08M	73.913M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.5M	18.955M	19M0D1D	3.28M	10.775M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.14M	20.965M	21M0D1D	4.52M	10.975M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.84M	38.281M	38M3D1D	3.96M	23.288M
802.11ax HEW80_Nss1,(MCS0)_1TX	70.4M	78.061M	78M1D1D	3.84M	34.803M

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

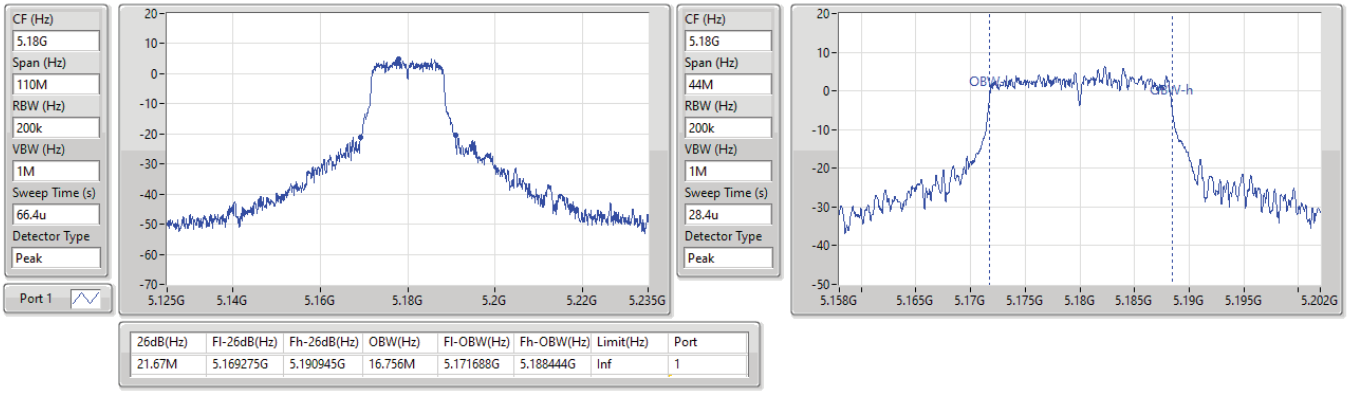
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.67M	16.756M
5200MHz	Pass	Inf	28.105M	16.822M
5240MHz	Pass	Inf	28.49M	17.261M
5260MHz	Pass	Inf	34.87M	18.955M
5300MHz	Pass	Inf	35.2M	18.603M
5320MHz	Pass	Inf	21.175M	16.734M
5500MHz	Pass	Inf	20.625M	16.558M
5580MHz	Pass	Inf	36.355M	18.449M
5700MHz	Pass	Inf	20.735M	16.734M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.84M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	10.775M
5745MHz	Pass	500k	16.5M	18.889M
5785MHz	Pass	500k	16.5M	18.823M
5825MHz	Pass	500k	16.445M	18.955M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.23M	19.015M
5200MHz	Pass	Inf	22.715M	19.09M
5240MHz	Pass	Inf	25.575M	19.19M
5260MHz	Pass	Inf	37.675M	19.465M
5300MHz	Pass	Inf	37.4M	19.69M
5320MHz	Pass	Inf	21.45M	19.115M
5500MHz	Pass	Inf	20.35M	19.04M
5580MHz	Pass	Inf	36.85M	19.765M
5700MHz	Pass	Inf	20.79M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.95M	14.648M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	10.975M
5745MHz	Pass	500k	18.535M	20.24M
5785MHz	Pass	500k	19.085M	20.965M
5825MHz	Pass	500k	19.14M	19.34M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.27M	37.481M
5230MHz	Pass	Inf	56.21M	37.531M
5270MHz	Pass	Inf	59.4M	37.931M
5310MHz	Pass	Inf	39.82M	37.581M
5510MHz	Pass	Inf	39.27M	37.681M
5550MHz	Pass	Inf	82.5M	38.331M
5670MHz	Pass	Inf	57.75M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	49.63M	34.003M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	23.288M
5755MHz	Pass	500k	37.62M	38.281M
5795MHz	Pass	500k	37.84M	38.131M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	80.52M	77.061M
5290MHz	Pass	Inf	80.52M	76.662M
5530MHz	Pass	Inf	80.08M	76.862M
5610MHz	Pass	Inf	123.42M	77.661M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	122.175M	73.913M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	34.803M
5775MHz	Pass	500k	70.4M	78.061M

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5180MHz

12/10/2023

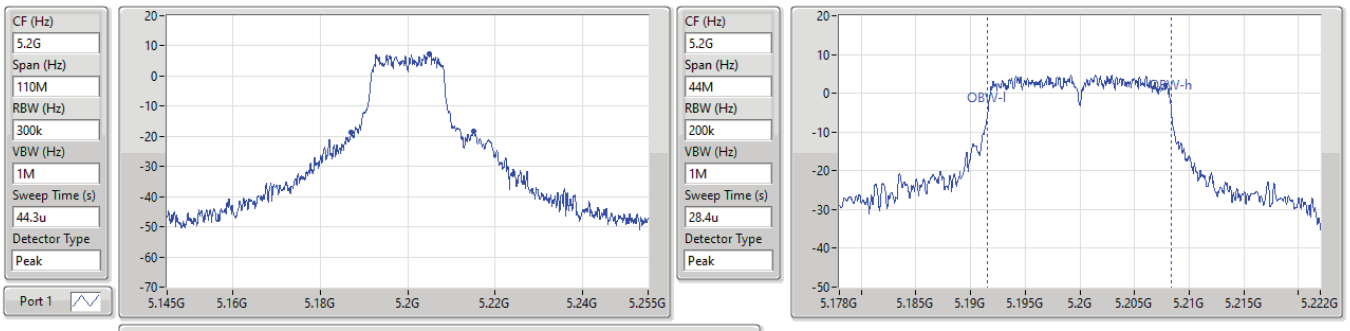


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.67M	5.169275G	5.190945G	16.756M	5.171688G	5.188444G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5200MHz

17/10/2023

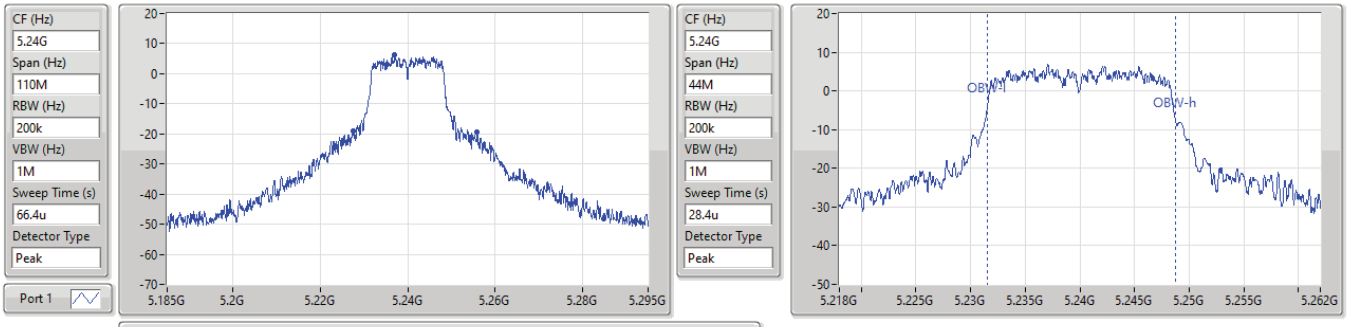


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.105M	5.187075G	5.21518G	16.822M	5.191512G	5.208334G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5240MHz

17/10/2023

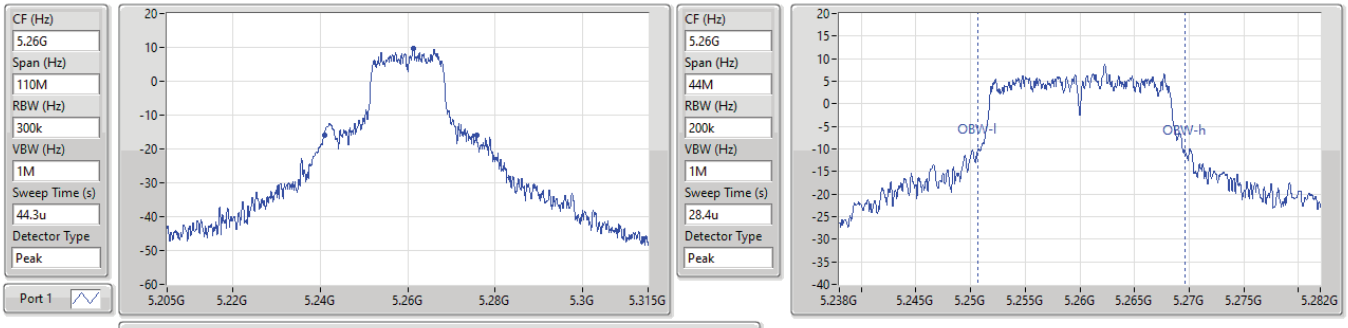


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.49M	5.22746G	5.25595G	17.261M	5.231534G	5.248796G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5260MHz

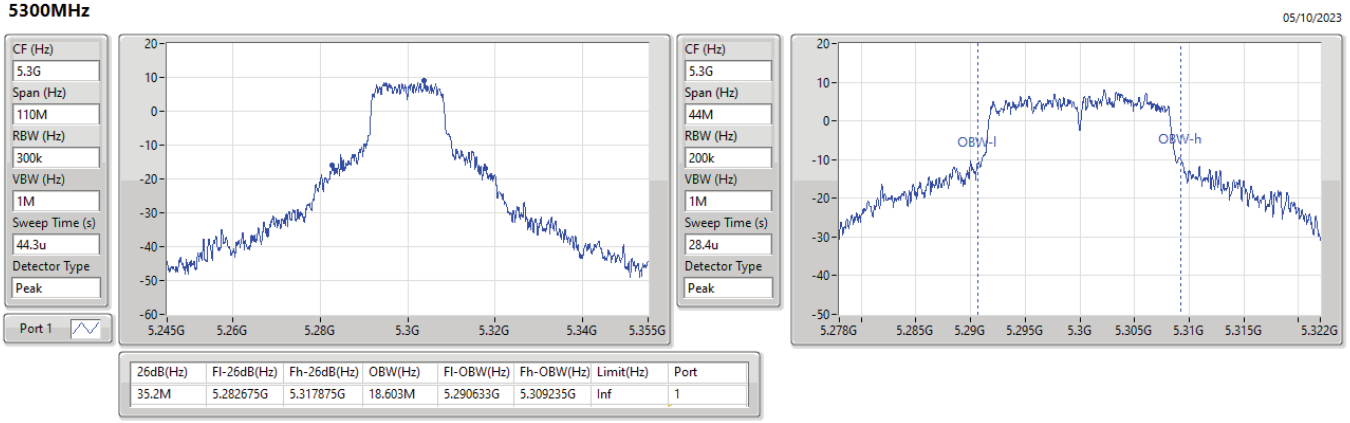
05/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.87M	5.240915G	5.275785G	18.955M	5.250655G	5.269609G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

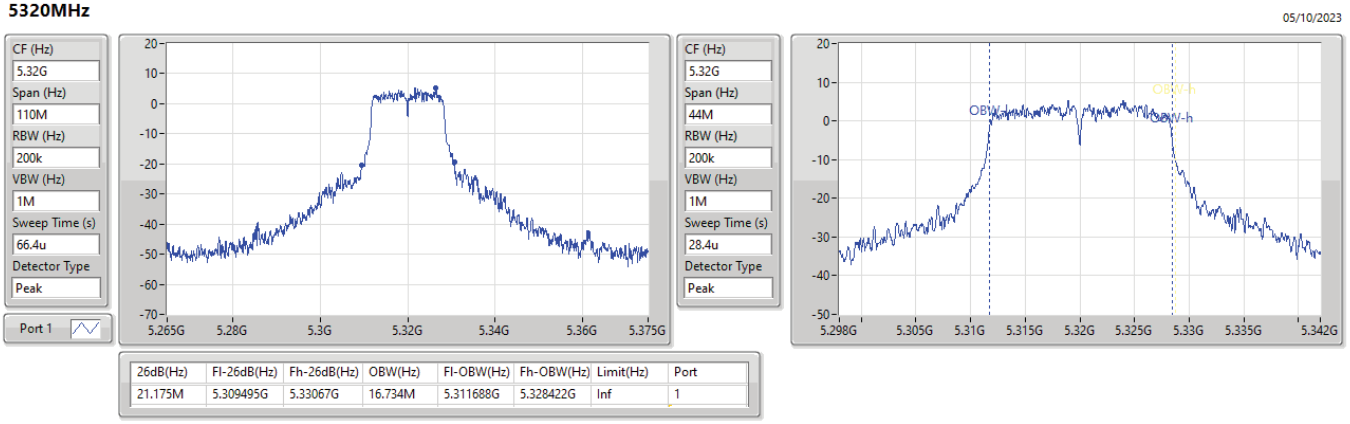
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.2M	5.282675G	5.317875G	18.603M	5.290633G	5.309235G	Inf	1

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

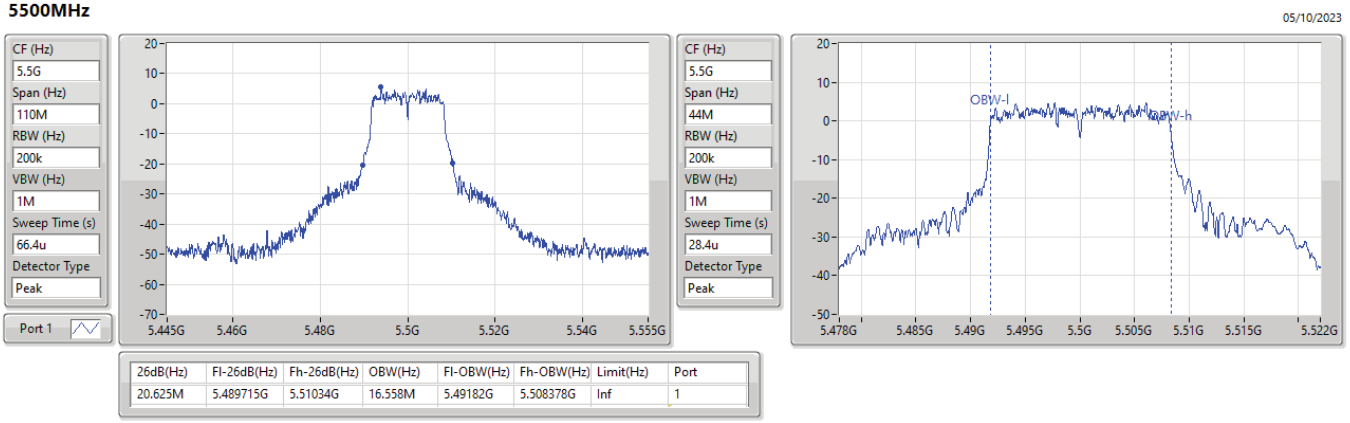
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.309495G	5.33067G	16.734M	5.311688G	5.328422G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

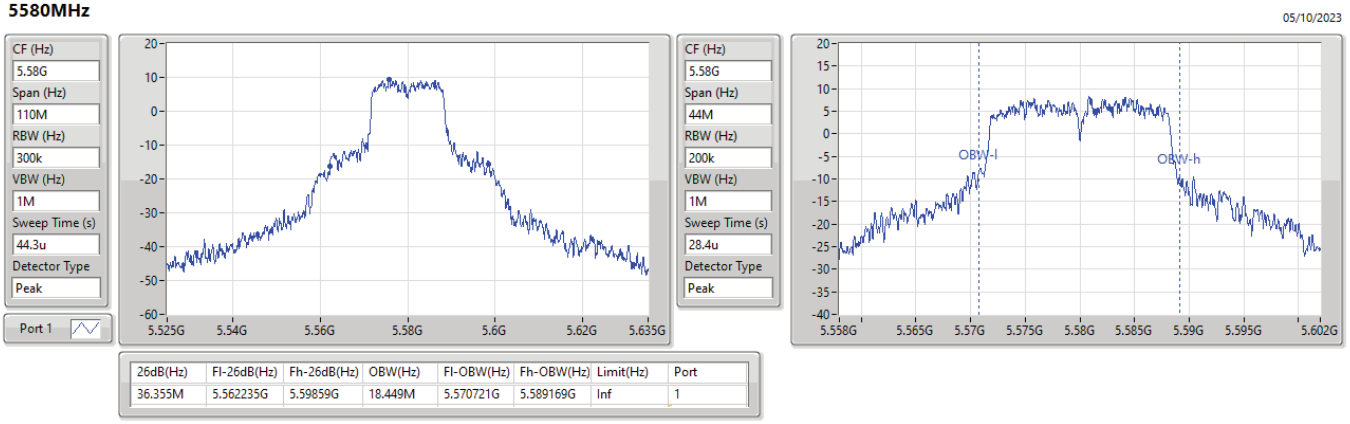
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.489715G	5.51034G	16.558M	5.49182G	5.508378G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5580MHz

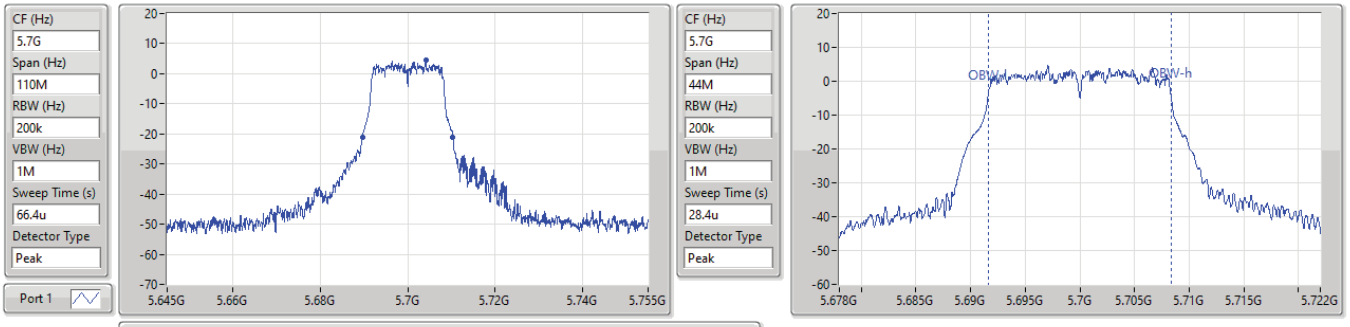


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.355M	5.562235G	5.59859G	18.449M	5.570721G	5.589169G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5700MHz

05/10/2023

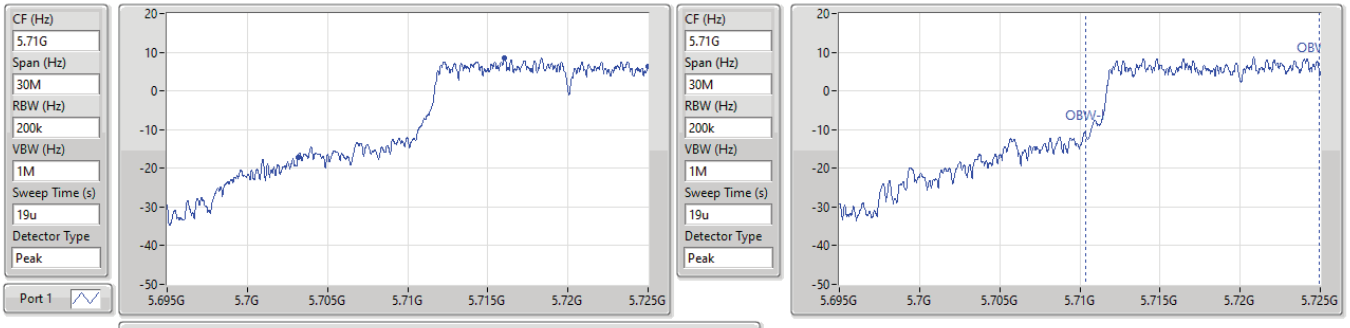


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.735M	5.68966G	5.710395G	16.734M	5.6916G	5.708334G	Inf	1

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

05/10/2023

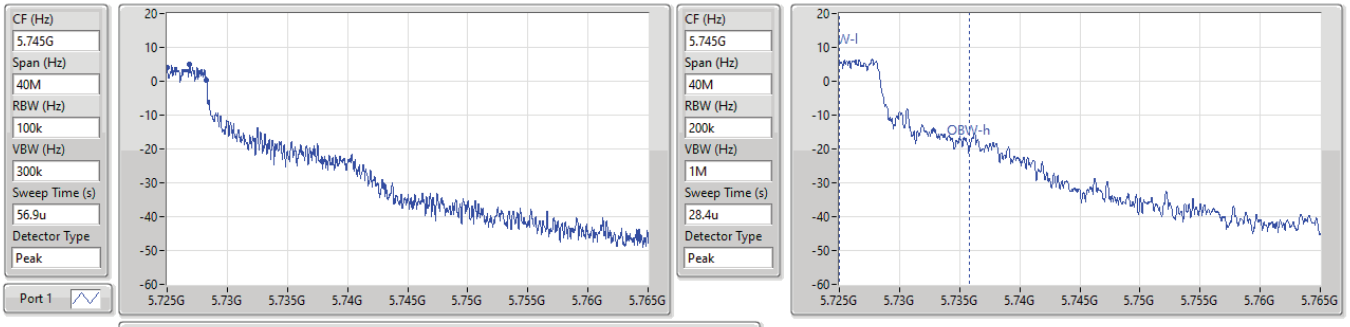


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.70316G	5.725G	14.513M	5.71039G	5.724903G	Inf	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

05/10/2023

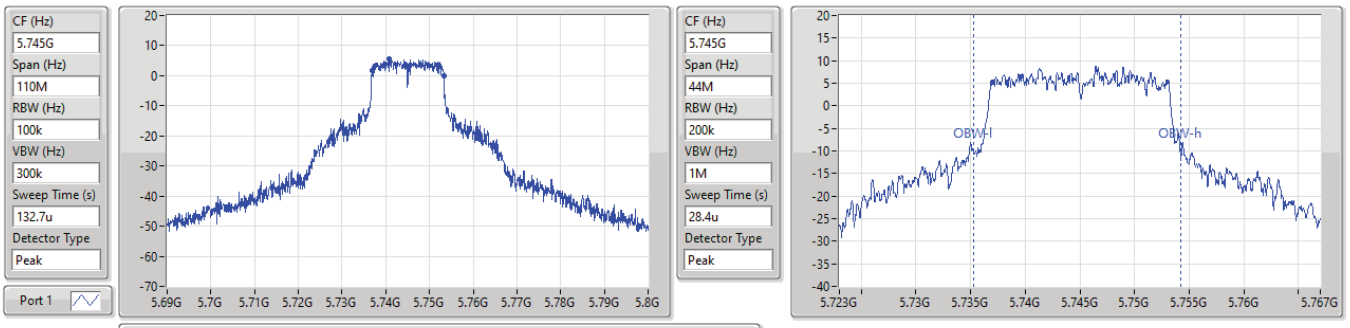


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.28M	5.725G	5.72828G	10.775M	5.72501G	5.735785G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5745MHz

05/10/2023

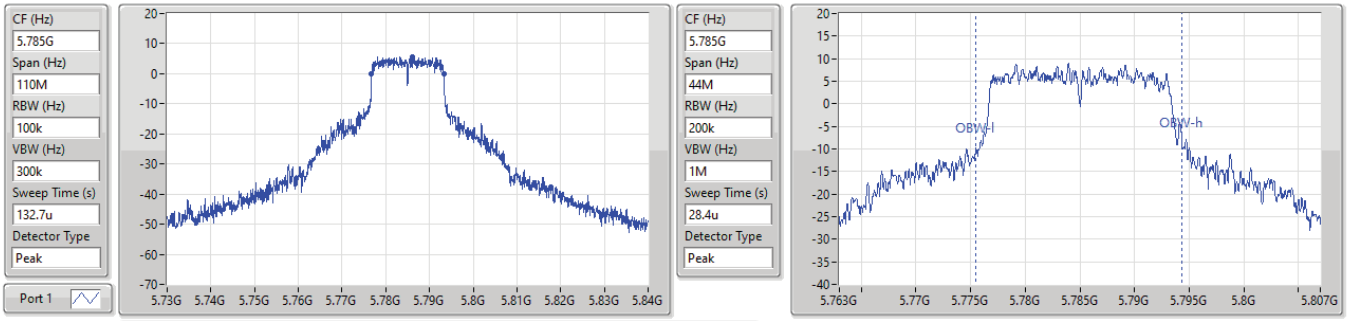


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.736805G	5.753305G	18.889M	5.735303G	5.754191G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5785MHz

05/10/2023

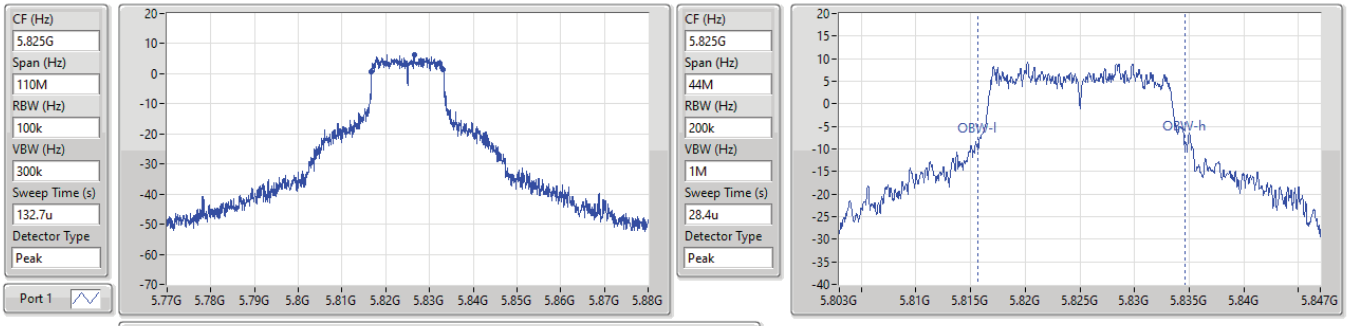


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.77675G	5.79325G	18.823M	5.775523G	5.794345G	500k	1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5825MHz

05/10/2023

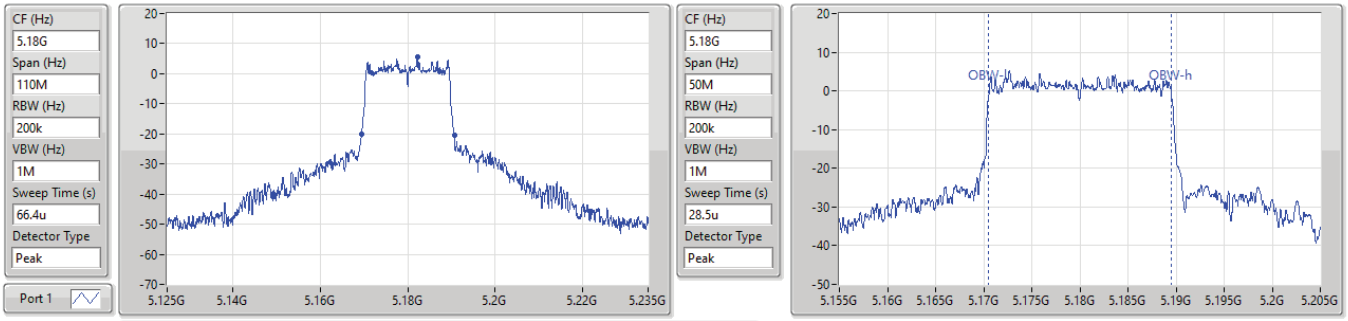


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.445M	5.81675G	5.833195G	18.955M	5.815699G	5.834653G	500k	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5180MHz

05/10/2023

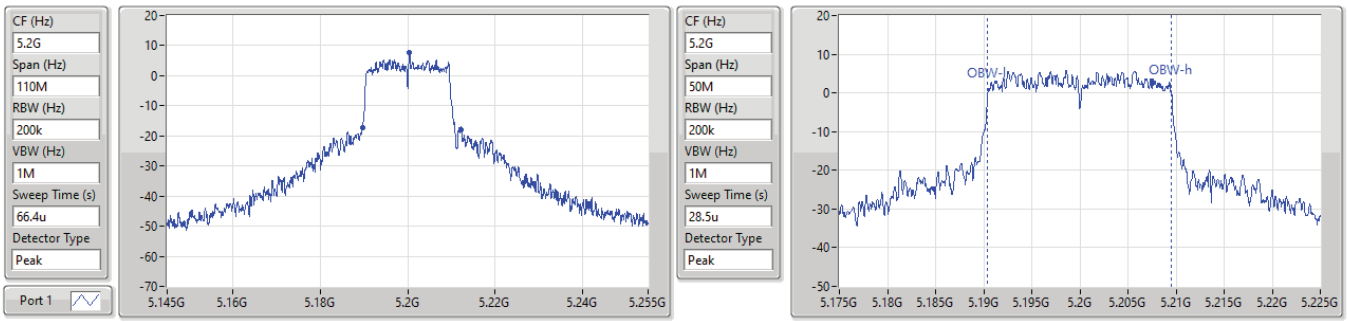


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	5.16944G	5.19067G	19.015M	5.17053G	5.189545G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5200MHz

17/10/2023

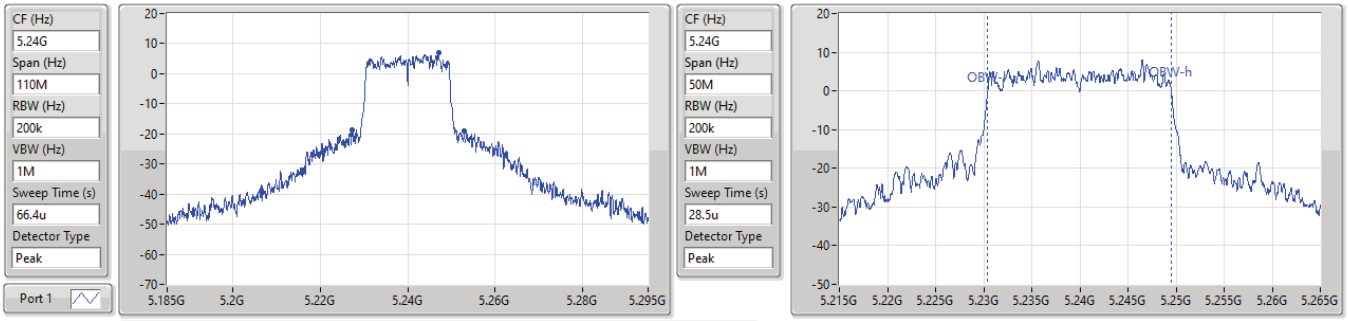


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.715M	5.189605G	5.21232G	19.09M	5.19043G	5.20952G	Inf	1

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5240MHz

17/10/2023

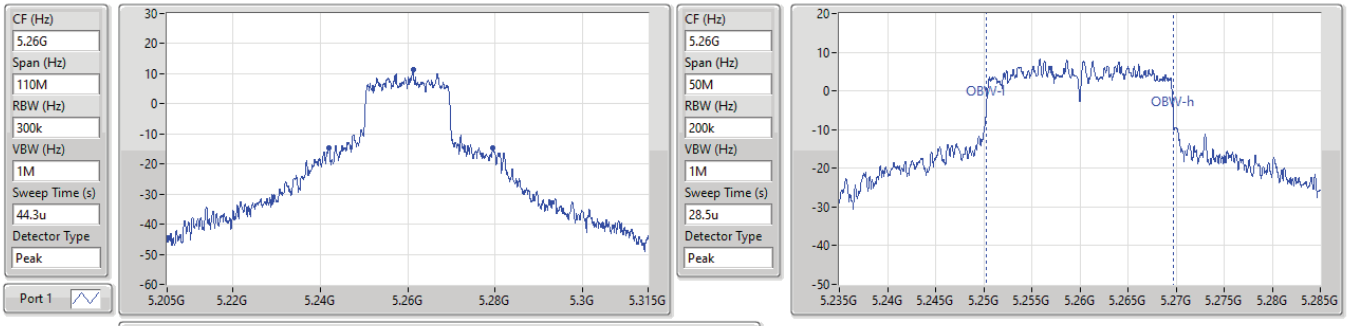


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.575M	5.22735G	5.252925G	19.19M	5.230355G	5.249545G	Inf	1

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5260MHz

05/10/2023

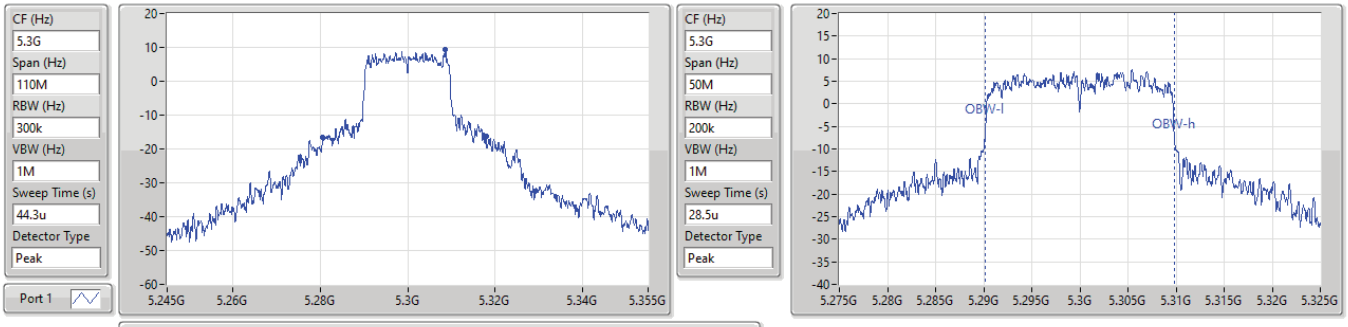


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.675M	5.241905G	5.27958G	19.465M	5.250255G	5.26972G	Inf	1

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5300MHz

05/10/2023

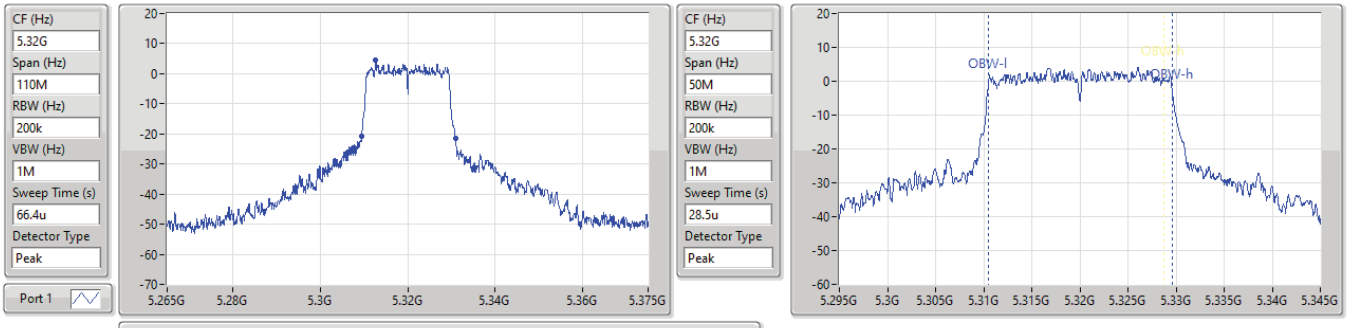


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	5.28053G	5.31793G	19.69M	5.29018G	5.30987G	Inf	1

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5320MHz

05/10/2023

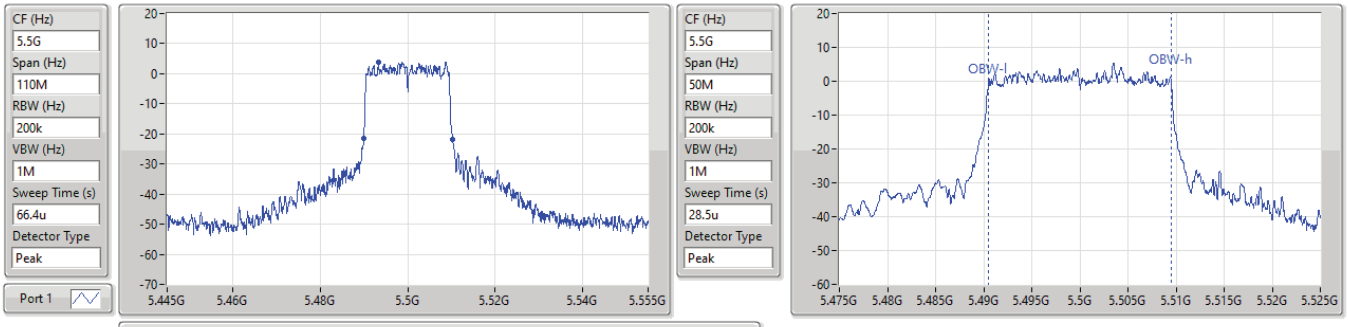


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.309495G	5.330945G	19.115M	5.31048G	5.329595G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5500MHz

05/10/2023

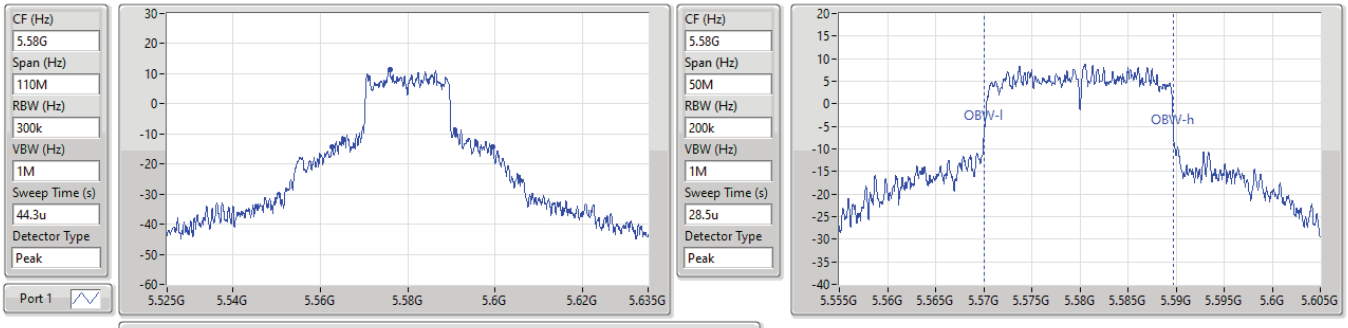


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.489935G	5.510285G	19.04M	5.490455G	5.509495G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5580MHz

05/10/2023

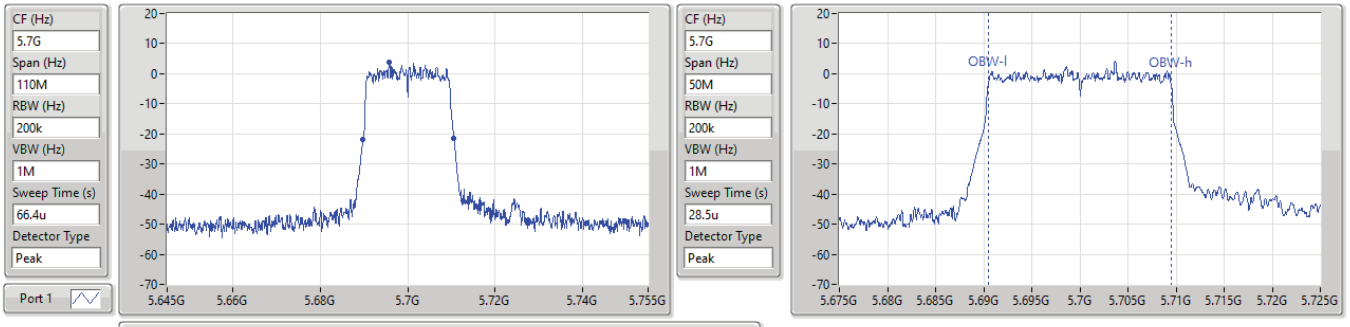


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.85M	5.562675G	5.599525G	19.765M	5.570005G	5.58977G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5700MHz

05/10/2023

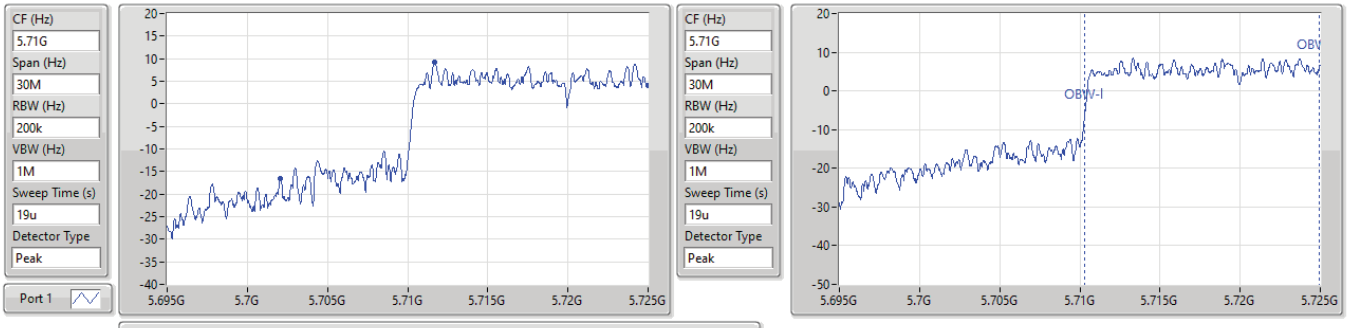


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.689825G	5.710615G	18.966M	5.690505G	5.70947G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

05/10/2023

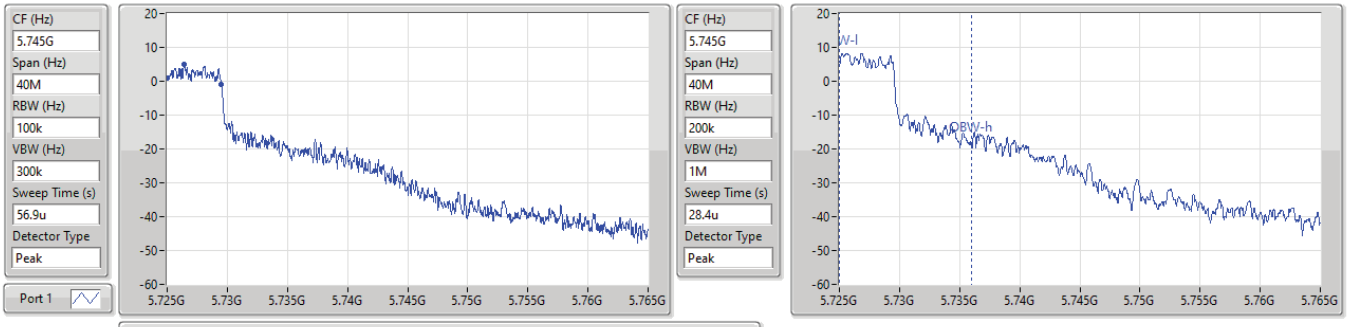


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.95M	5.70205G	5.725G	14.648M	5.7103G	5.724948G	Inf	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

05/10/2023

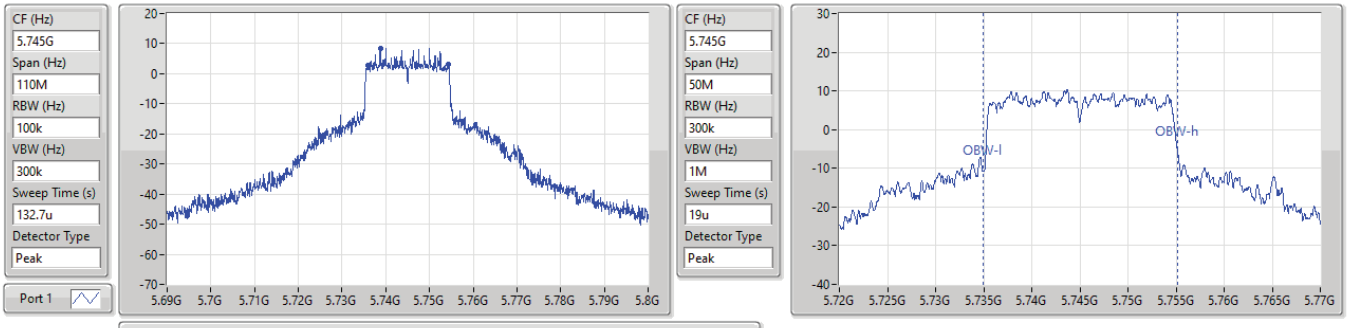


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.52M	5.725G	5.72952G	10.975M	5.72503G	5.736004G	500k	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5745MHz

05/10/2023

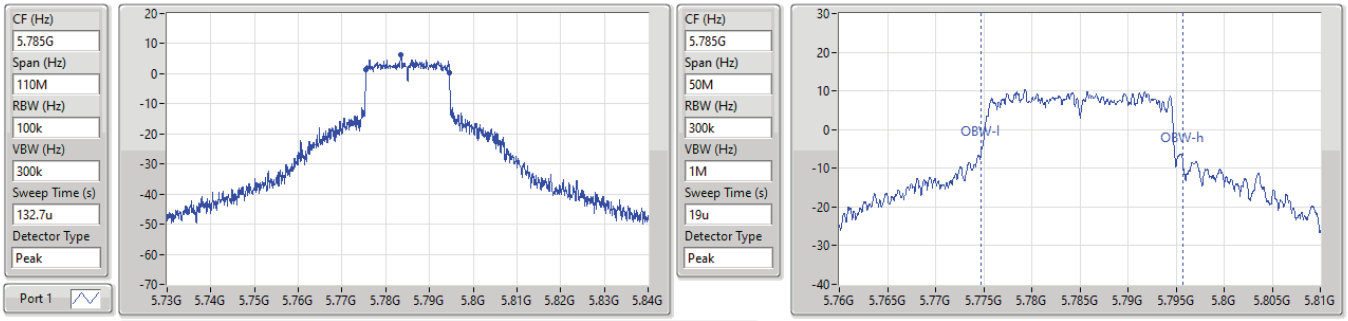


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.535M	5.735815G	5.75435G	20.24M	5.73493G	5.75517G	500k	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5785MHz

05/10/2023

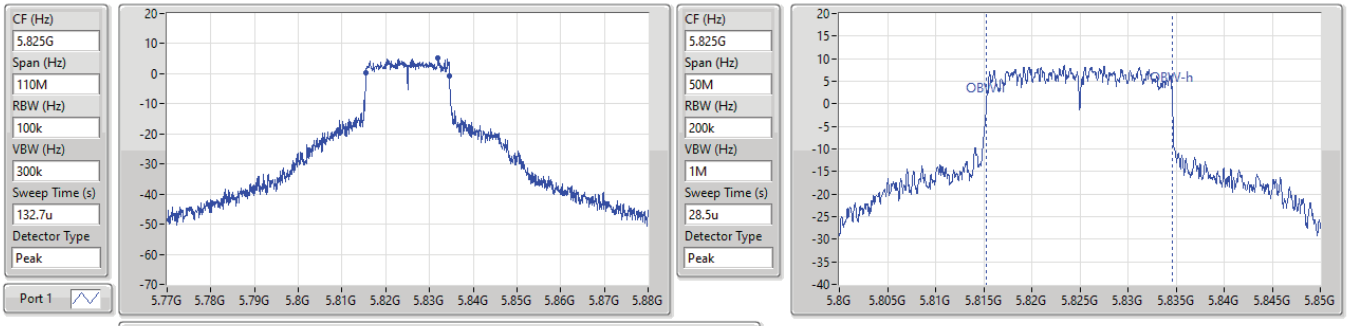


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.085M	5.775485G	5.79457G	20.965M	5.774705G	5.79567G	500k	1

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5825MHz

05/10/2023

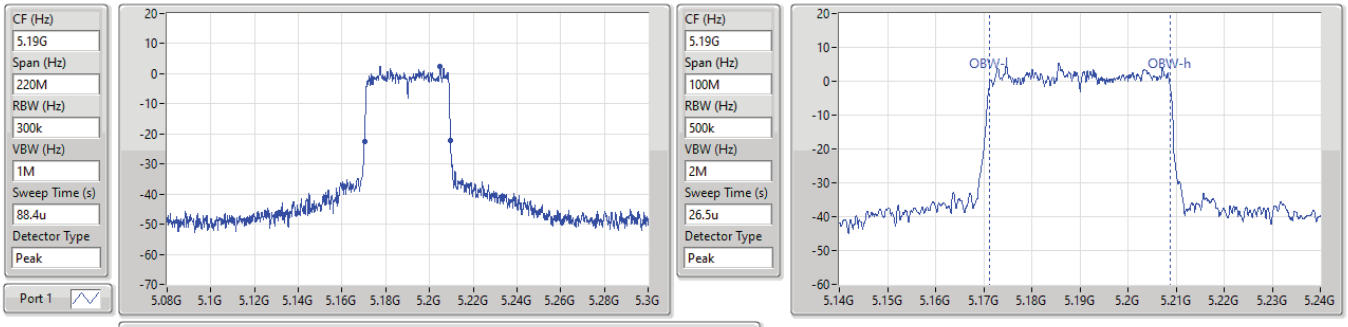


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.81543G	5.83457G	19.34M	5.815255G	5.834595G	500k	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5190MHz

05/10/2023

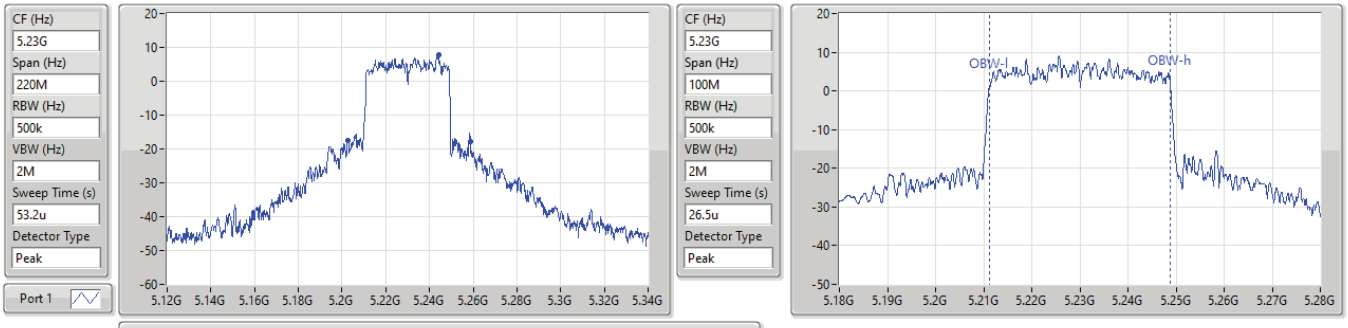


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.1702G	5.20947G	37.481M	5.171209G	5.208691G	Inf	1

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5230MHz

17/10/2023

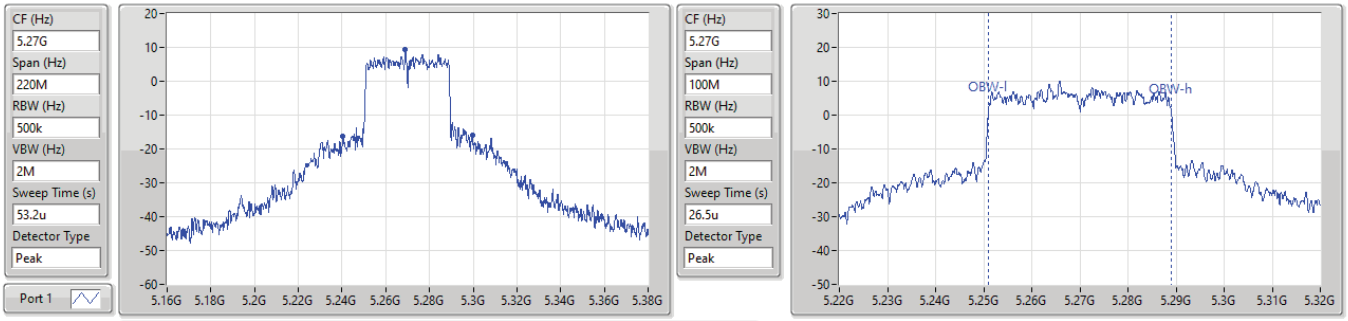


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.21M	5.2025G	5.25871G	37.531M	5.211209G	5.248741G	Inf	1

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5270MHz

05/10/2023

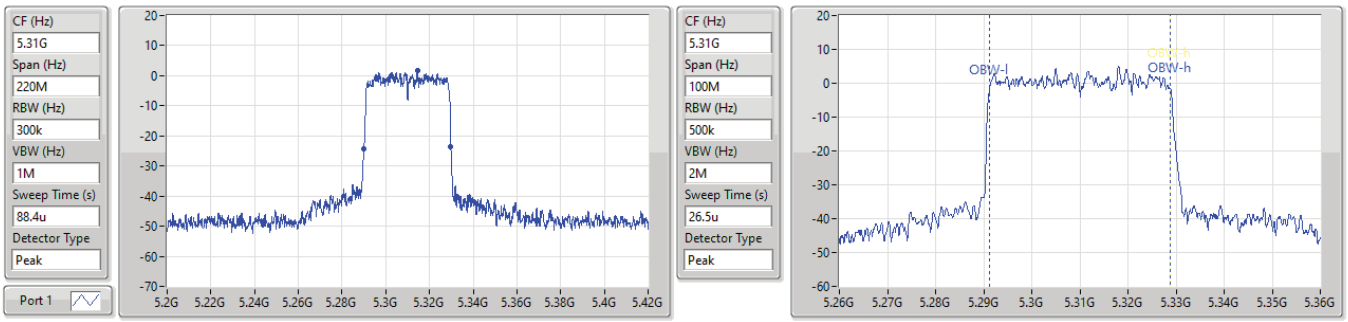


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
59.4M	5.2403G	5.2997G	37.931M	5.251059G	5.288991G	Inf	1

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5310MHz

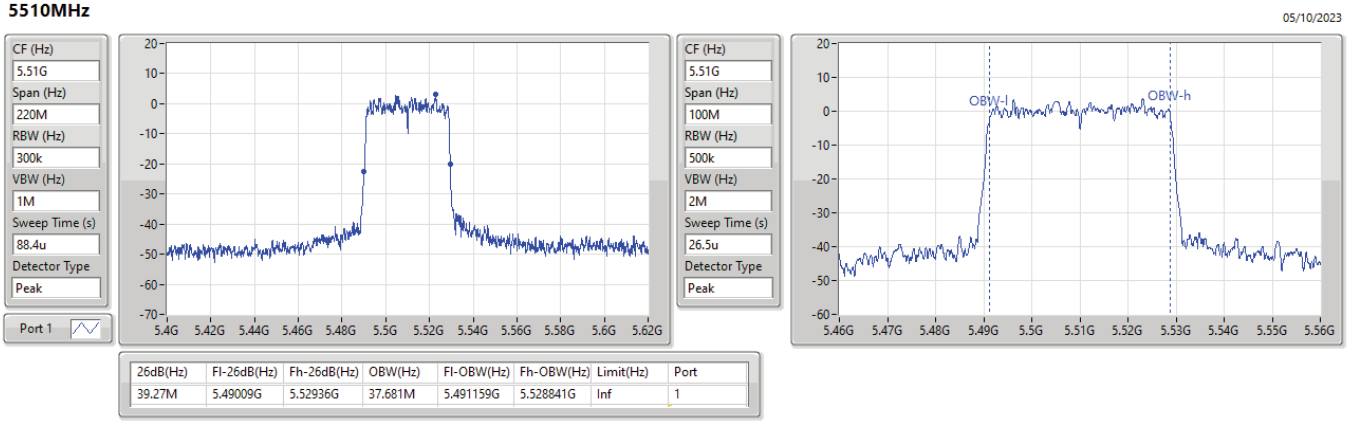
05/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.82M	5.28998G	5.3298G	37.581M	5.291259G	5.328841G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

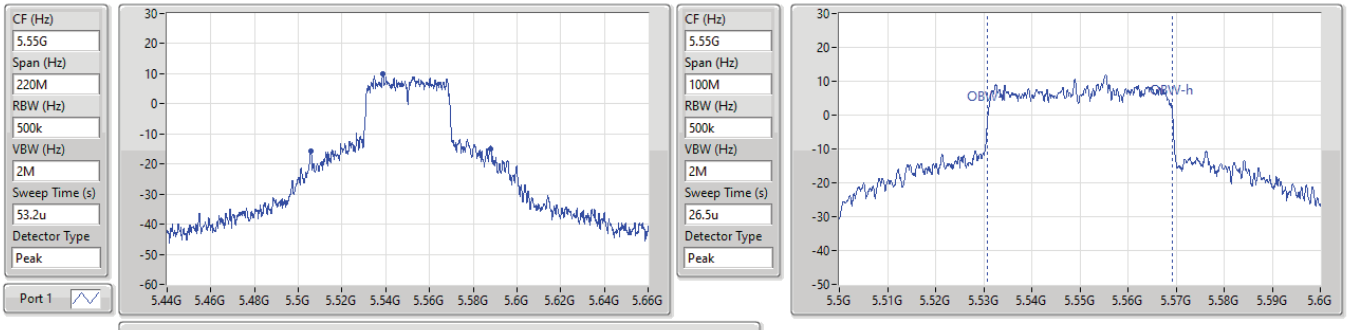
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.49009G	5.52936G	37.681M	5.491159G	5.528841G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5550MHz

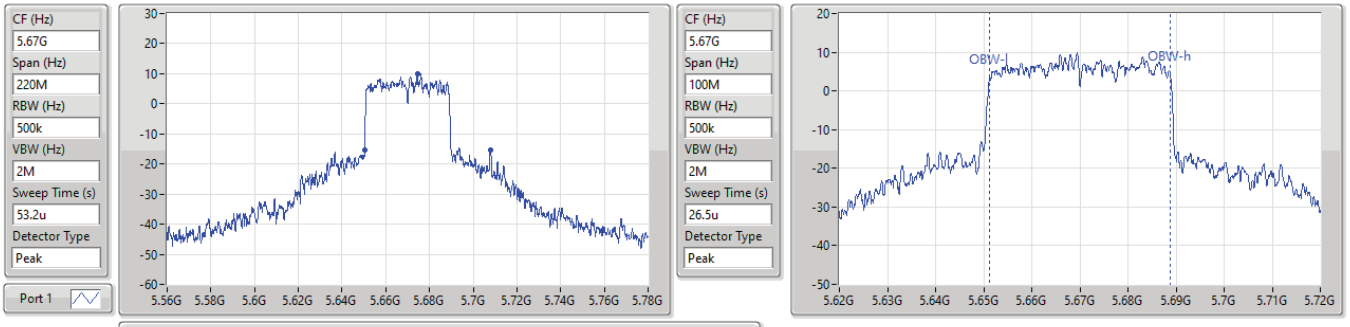


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.50567G	5.58817G	38.331M	5.53086G	5.56919G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5670MHz

05/10/2023

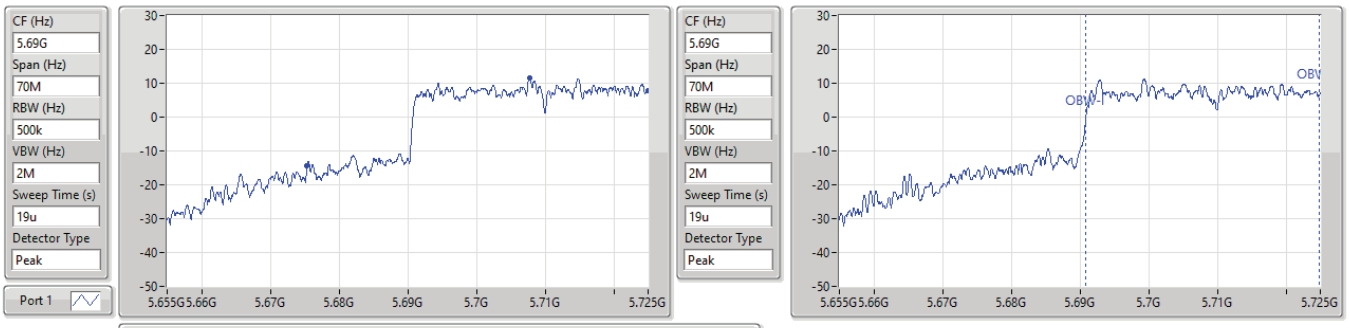


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.75M	5.65031G	5.70806G	37.731M	5.651159G	5.688891G	Inf	1

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.47-5.725GHz

05/10/2023

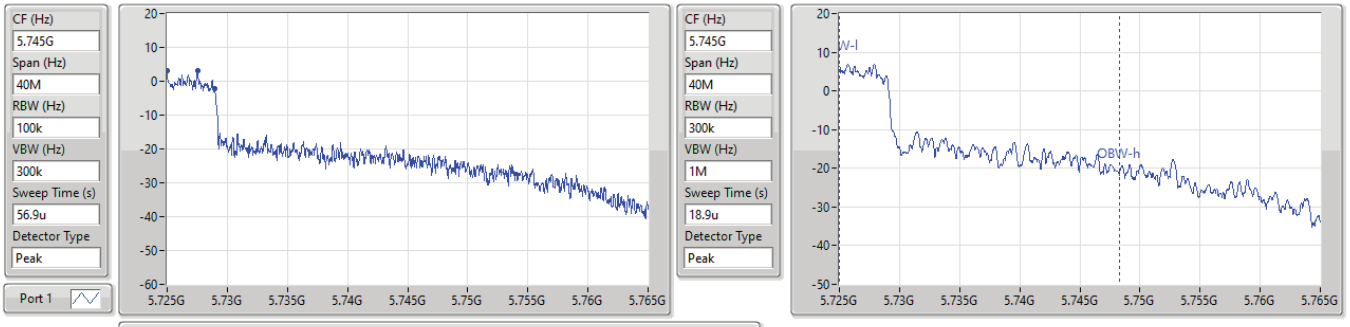


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.63M	5.67537G	5.725G	34.003M	5.690805G	5.724808G	Inf	1

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.725-5.85GHz

05/10/2023

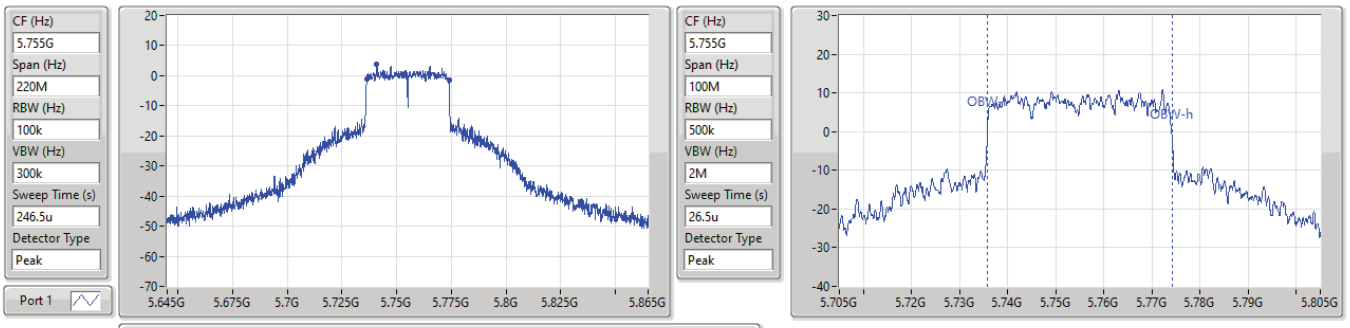


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	23.288M	5.72501G	5.748298G	500k	1

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5755MHz

05/10/2023

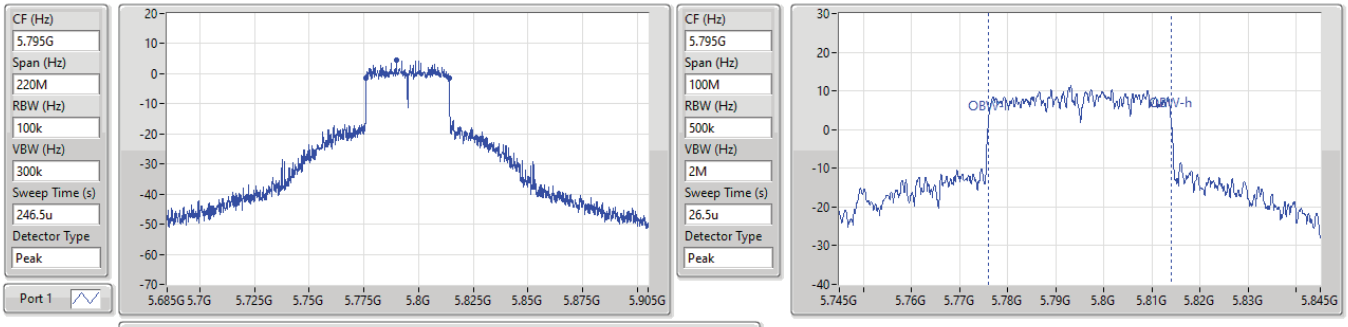


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.7363G	5.77392G	38.281M	5.73586G	5.77414G	500k	1

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5795MHz

05/10/2023

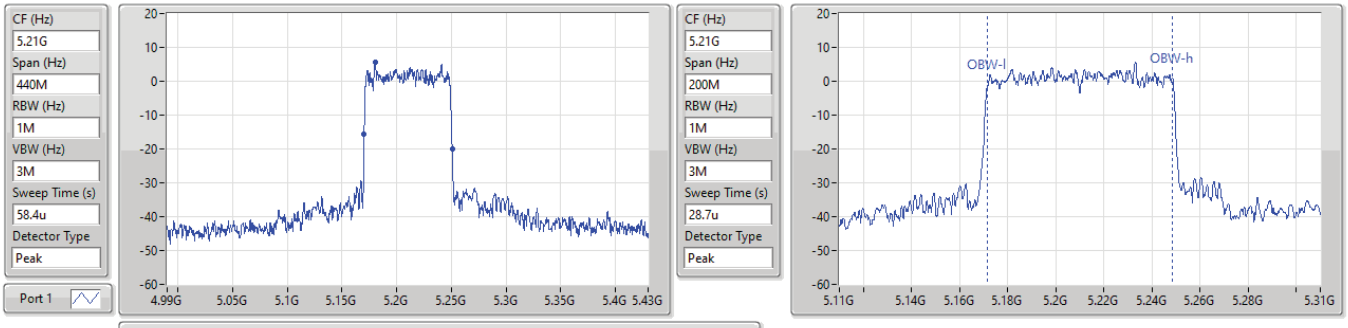


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	5.77608G	5.81392G	38.131M	5.77591G	5.81404G	500k	1

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5210MHz

05/10/2023

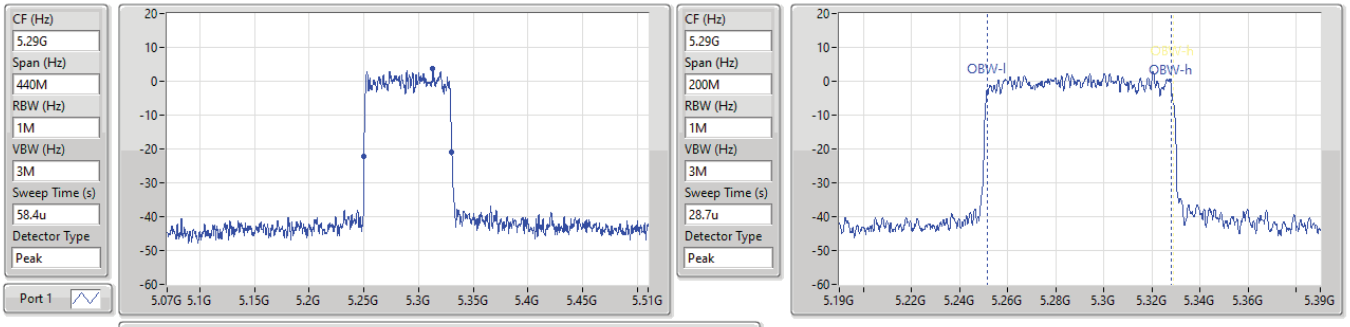


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.17018G	5.2507G	77.061M	5.171619G	5.248681G	Inf	1

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5290MHz

05/10/2023

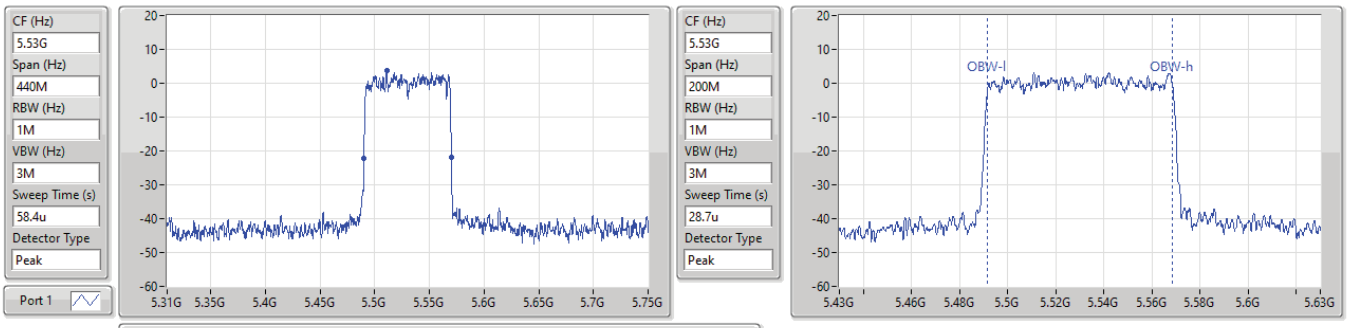


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.24996G	5.33048G	76.662M	5.251519G	5.328181G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5530MHz

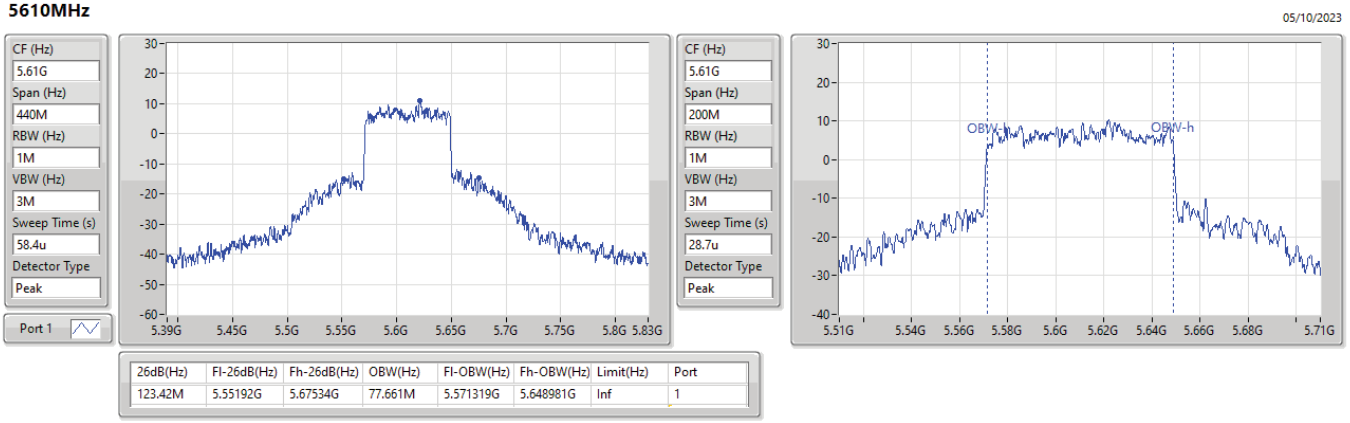
05/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.48996G	5.57004G	76.862M	5.491719G	5.568581G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

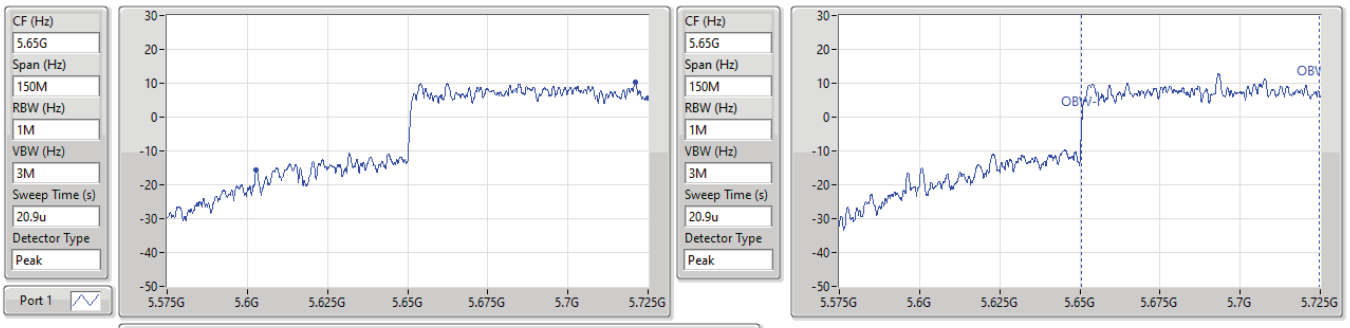
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
123.42M	5.55192G	5.67534G	77.661M	5.571319G	5.648981G	Inf	1

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5690MHz Straddle 5.47-5.725GHz

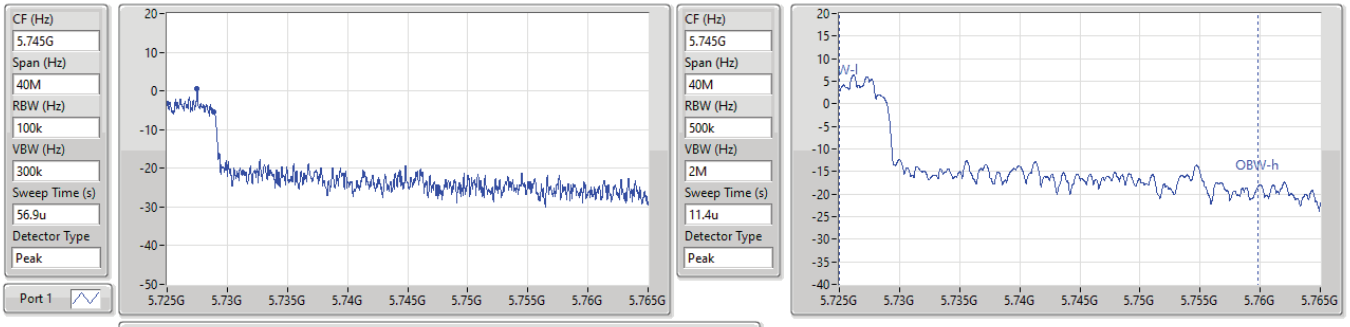


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
122.175M	5.602825G	5.725G	73.913M	5.6506G	5.724513G	Inf	1

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5690MHz Straddle 5.725-5.85GHz

05/10/2023

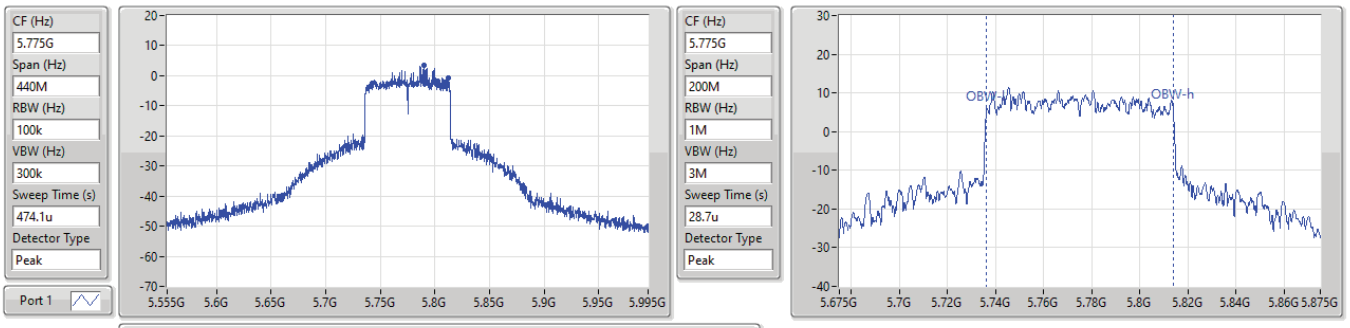


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.84M	5.725G	5.72884G	34.803M	5.72503G	5.759833G	500k	1

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5775MHz

05/10/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.4M	5.74222G	5.81262G	78.061M	5.73592G	5.813981G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.05	0.20184	28.51	0.70958
802.11ax HEW20_Nss1,(MCS0)_2TX	23.19	0.20845	28.65	0.73282
802.11ax HEW40_Nss1,(MCS0)_2TX	23.06	0.20230	28.52	0.71121
802.11ax HEW80_Nss1,(MCS0)_2TX	17.15	0.05188	22.61	0.18239
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.56	0.22699	29.02	0.79799
802.11ax HEW20_Nss1,(MCS0)_2TX	23.88	0.24434	29.34	0.85901
802.11ax HEW40_Nss1,(MCS0)_2TX	23.32	0.21478	28.78	0.75509
802.11ax HEW80_Nss1,(MCS0)_2TX	16.91	0.04909	22.37	0.17258
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.15	0.16406	27.61	0.57677
802.11ax HEW20_Nss1,(MCS0)_2TX	22.25	0.16788	27.71	0.59020
802.11ax HEW40_Nss1,(MCS0)_2TX	23.36	0.21677	28.82	0.76208
802.11ax HEW80_Nss1,(MCS0)_2TX	23.08	0.20324	28.54	0.71450
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.70	0.29512	30.16	1.03753
802.11ax HEW20_Nss1,(MCS0)_2TX	24.97	0.31405	30.43	1.10408
802.11ax HEW40_Nss1,(MCS0)_2TX	23.82	0.24099	29.28	0.84723
802.11ax HEW80_Nss1,(MCS0)_2TX	22.87	0.19364	28.33	0.68077

Result

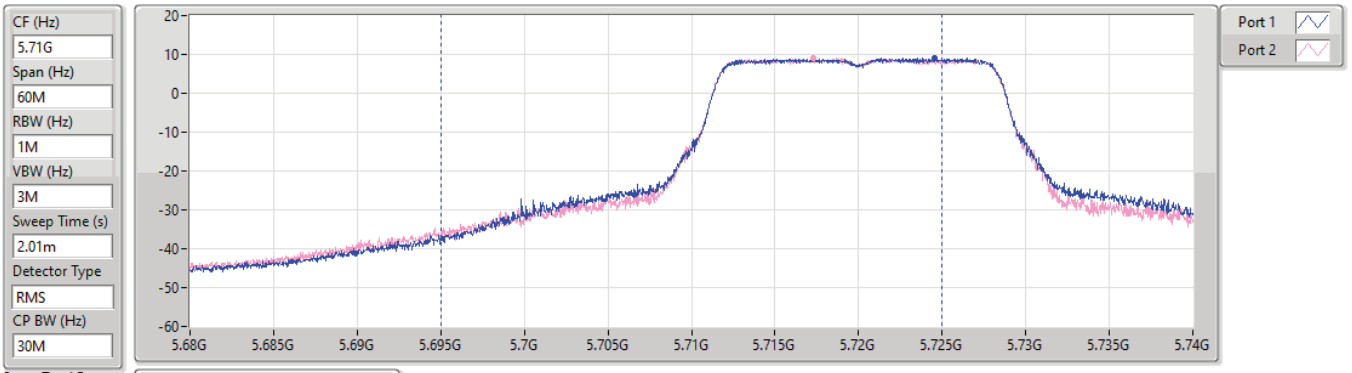
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.46	20.19	19.89	23.05	30.00	28.51	36.00
5200MHz	Pass	5.46	20.16	19.69	22.94	30.00	28.40	36.00
5240MHz	Pass	5.46	19.95	19.35	22.67	30.00	28.13	36.00
5260MHz	Pass	5.46	21.00	20.05	23.56	23.98	29.02	30.00
5300MHz	Pass	5.46	20.58	19.60	23.13	23.98	28.59	30.00
5320MHz	Pass	5.46	20.53	19.54	23.07	23.98	28.53	30.00
5500MHz	Pass	5.46	18.03	17.74	20.90	23.98	26.36	30.00
5580MHz	Pass	5.46	18.84	18.26	21.57	23.98	27.03	30.00
5700MHz	Pass	5.46	17.78	18.01	20.91	23.98	26.37	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.46	19.17	19.11	22.15	22.79	27.61	28.79
5720MHz Straddle 5.725-5.85GHz	Pass	5.46	13.16	12.95	16.07	30.00	21.53	36.00
5745MHz	Pass	5.46	21.95	21.42	24.70	30.00	30.16	36.00
5785MHz	Pass	5.46	21.44	20.67	24.08	30.00	29.54	36.00
5825MHz	Pass	5.46	20.14	19.96	23.06	30.00	28.52	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.46	19.24	18.98	22.12	30.00	27.58	36.00
5200MHz	Pass	5.46	20.40	19.94	23.19	30.00	28.65	36.00
5240MHz	Pass	5.46	20.26	19.69	22.99	30.00	28.45	36.00
5260MHz	Pass	5.46	21.25	20.46	23.88	23.98	29.34	30.00
5300MHz	Pass	5.46	20.83	19.96	23.43	23.98	28.89	30.00
5320MHz	Pass	5.46	19.72	18.73	22.26	23.98	27.72	30.00
5500MHz	Pass	5.46	18.09	17.79	20.95	23.98	26.41	30.00
5580MHz	Pass	5.46	19.07	18.65	21.88	23.98	27.34	30.00
5700MHz	Pass	5.46	15.80	16.12	18.97	23.98	24.43	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.46	19.27	19.21	22.25	22.93	27.71	28.93
5720MHz Straddle 5.725-5.85GHz	Pass	5.46	14.25	13.96	17.12	30.00	22.58	36.00
5745MHz	Pass	5.46	22.19	21.71	24.97	30.00	30.43	36.00
5785MHz	Pass	5.46	21.60	20.91	24.28	30.00	29.74	36.00
5825MHz	Pass	5.46	20.29	20.13	23.22	30.00	28.68	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.46	14.63	14.12	17.39	30.00	22.85	36.00
5230MHz	Pass	5.46	20.43	19.63	23.06	30.00	28.52	36.00
5270MHz	Pass	5.46	20.30	20.32	23.32	23.98	28.78	30.00
5310MHz	Pass	5.46	13.95	14.20	17.09	23.98	22.55	30.00
5510MHz	Pass	5.46	15.17	14.71	17.96	23.98	23.42	30.00
5550MHz	Pass	5.46	19.69	18.99	22.36	23.98	27.82	30.00
5670MHz	Pass	5.46	19.57	19.37	22.48	23.98	27.94	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.46	20.41	20.29	23.36	23.98	28.82	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.46	10.99	10.32	13.68	30.00	19.14	36.00
5755MHz	Pass	5.46	21.01	20.61	23.82	30.00	29.28	36.00
5795MHz	Pass	5.46	20.47	20.10	23.30	30.00	28.76	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.46	14.07	14.21	17.15	30.00	22.61	36.00
5290MHz	Pass	5.46	14.21	13.57	16.91	23.98	22.37	30.00
5530MHz	Pass	5.46	15.17	14.91	18.05	23.98	23.51	30.00
5610MHz	Pass	5.46	19.63	19.53	22.59	23.98	28.05	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.46	19.96	20.17	23.08	23.98	28.54	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.46	6.90	6.26	9.60	30.00	15.06	36.00
5775MHz	Pass	5.46	19.97	19.74	22.87	30.00	28.33	36.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

04/10/2023

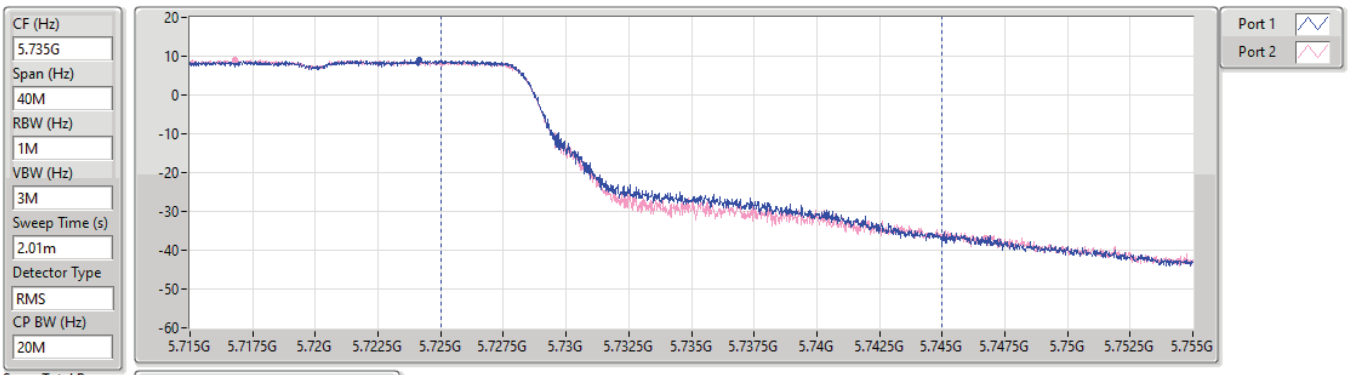


Sum(dBm)	P1(dBm)	P2(dBm)
22.15	19.17	19.11

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

04/10/2023

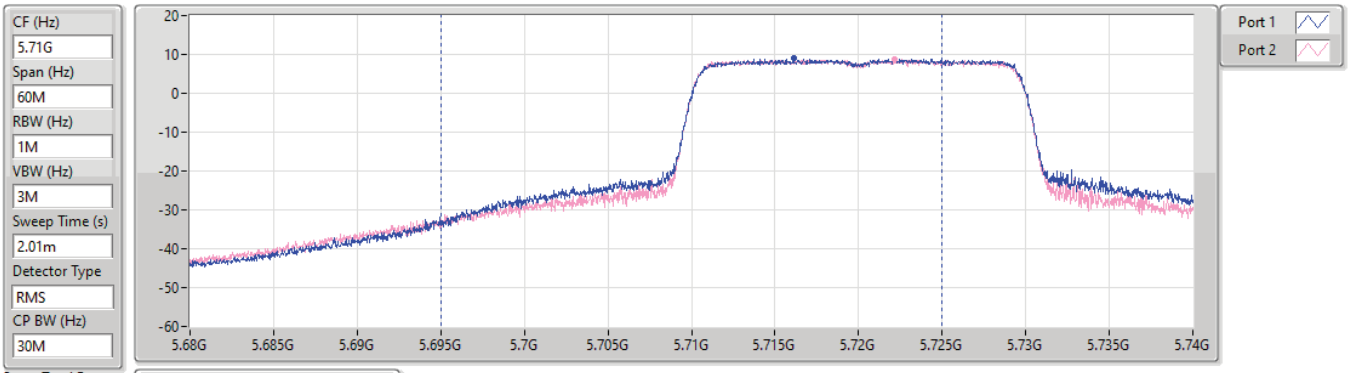


Sum(dBm)	P1(dBm)	P2(dBm)
16.07	13.16	12.95

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

04/10/2023

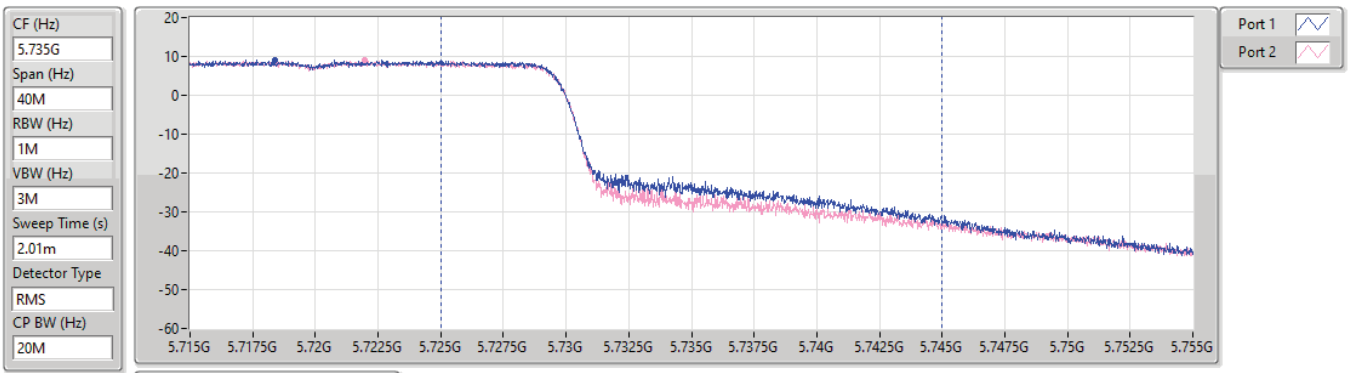


Sum(dBm)	P1(dBm)	P2(dBm)
22.25	19.27	19.21

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

04/10/2023

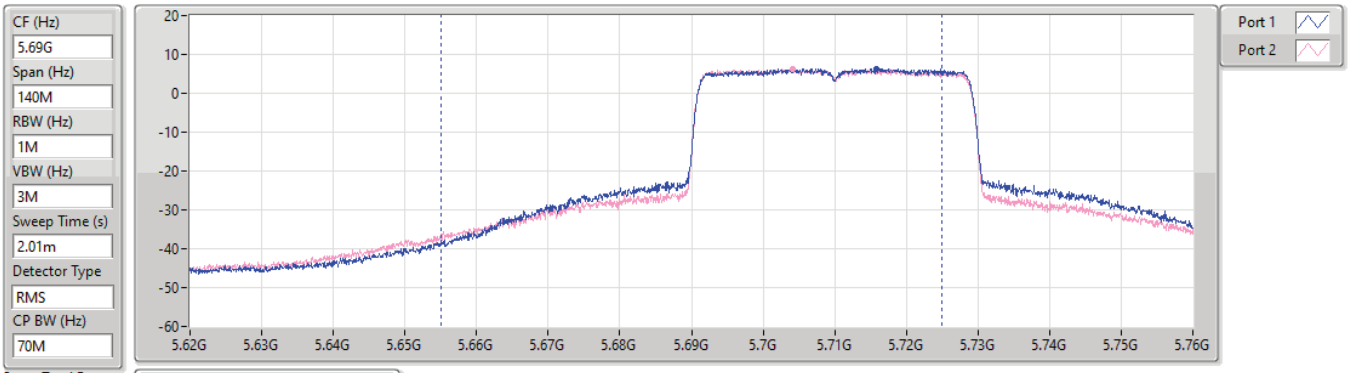


Sum(dBm)	P1(dBm)	P2(dBm)
17.12	14.25	13.96

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

04/10/2023

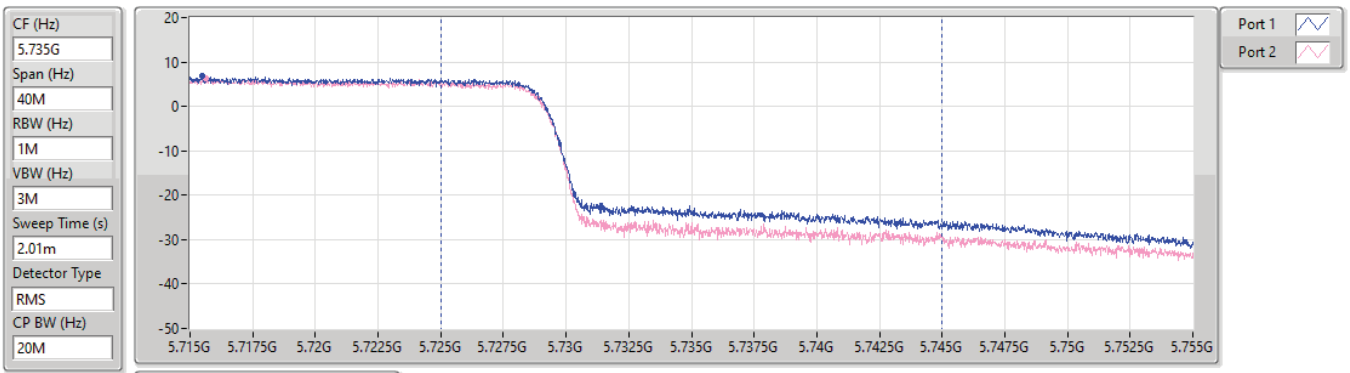


Sum(dBm)	P1(dBm)	P2(dBm)
23.36	20.41	20.29

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

04/10/2023

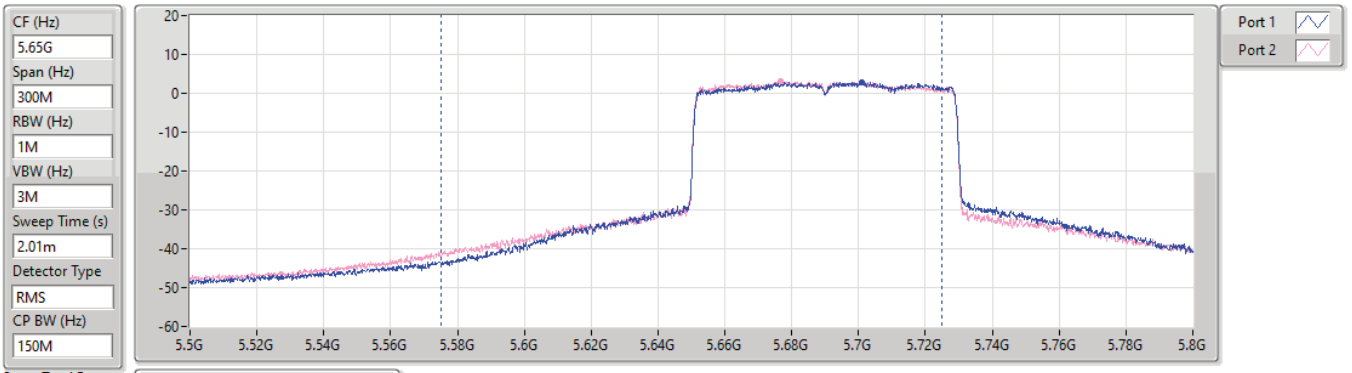


Sum(dBm)	P1(dBm)	P2(dBm)
13.68	10.99	10.32

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

04/10/2023

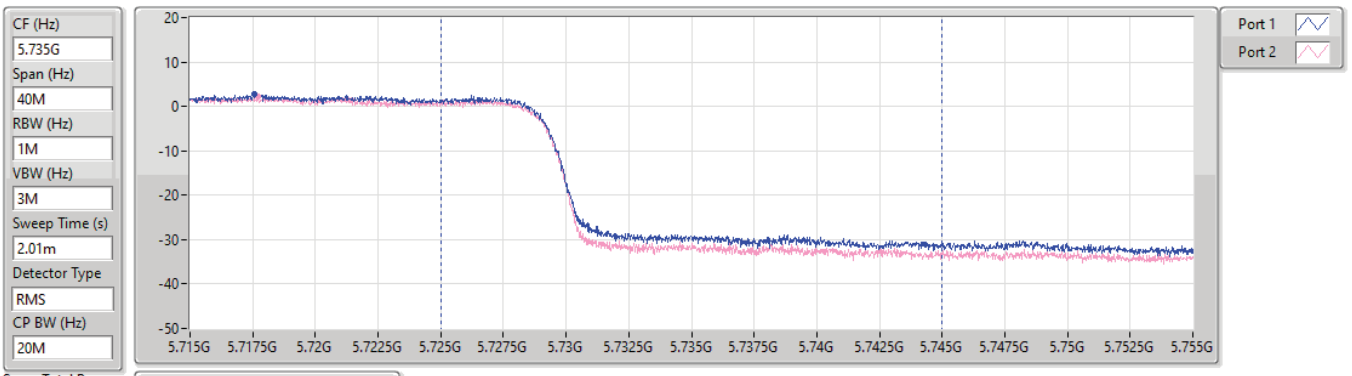


Sum(dBm)	P1(dBm)	P2(dBm)
23.08	19.96	20.17

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

04/10/2023



Sum(dBm)	P1(dBm)	P2(dBm)
9.60	6.90	6.26

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.86	0.09683	25.32	0.34041
802.11ax HEW20_Nss1,(MCS0)_2TX	19.96	0.09908	25.42	0.34834
802.11ax HEW40_Nss1,(MCS0)_2TX	20.42	0.11015	25.88	0.38726
802.11ax HEW80_Nss1,(MCS0)_2TX	17.15	0.05188	22.61	0.18239
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.56	0.22699	29.02	0.79799
802.11ax HEW20_Nss1,(MCS0)_2TX	23.88	0.24434	29.34	0.85901
802.11ax HEW40_Nss1,(MCS0)_2TX	23.32	0.21478	28.78	0.75509
802.11ax HEW80_Nss1,(MCS0)_2TX	16.91	0.04909	22.37	0.17258
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.15	0.16406	27.61	0.57677
802.11ax HEW20_Nss1,(MCS0)_2TX	22.25	0.16788	27.71	0.59020
802.11ax HEW40_Nss1,(MCS0)_2TX	23.36	0.21677	28.82	0.76208
802.11ax HEW80_Nss1,(MCS0)_2TX	23.08	0.20324	28.54	0.71450
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.70	0.29512	30.16	1.03753
802.11ax HEW20_Nss1,(MCS0)_2TX	24.97	0.31405	30.43	1.10408
802.11ax HEW40_Nss1,(MCS0)_2TX	23.82	0.24099	29.28	0.84723
802.11ax HEW80_Nss1,(MCS0)_2TX	22.87	0.19364	28.33	0.68077

Result

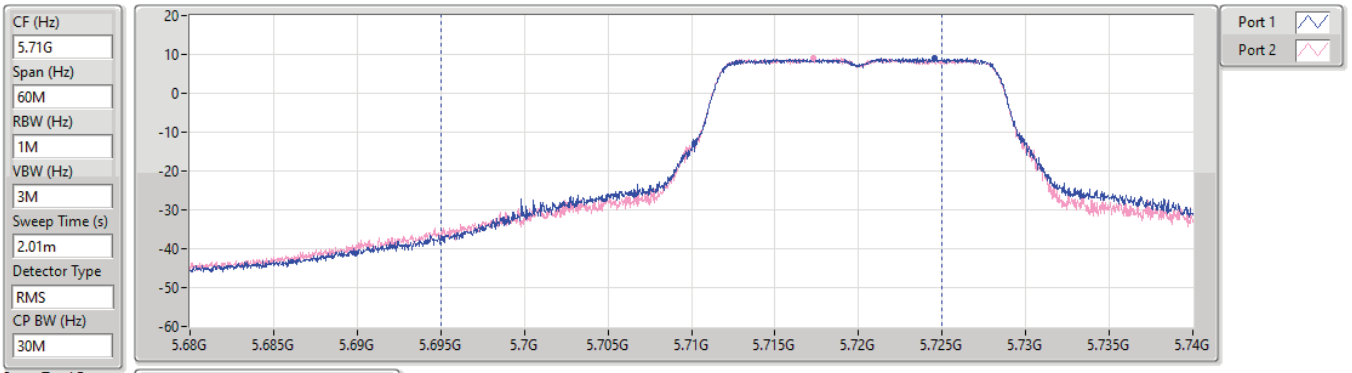
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.46	16.70	16.40	19.56	30.00	25.02	36.00	20.81	21.00
5200MHz	Pass	5.46	16.99	16.52	19.77	30.00	25.23	36.00	20.98	21.00
5240MHz	Pass	5.46	17.11	16.57	19.86	30.00	25.32	36.00	20.96	21.00
5260MHz	Pass	5.46	21.00	20.05	23.56	23.98	29.02	30.00		
5300MHz	Pass	5.46	20.58	19.60	23.13	23.98	28.59	30.00		
5320MHz	Pass	5.46	20.53	19.54	23.07	23.98	28.53	30.00		
5500MHz	Pass	5.46	18.03	17.74	20.90	23.98	26.36	30.00		
5580MHz	Pass	5.46	18.84	18.26	21.57	23.98	27.03	30.00		
5700MHz	Pass	5.46	17.78	18.01	20.91	23.98	26.37	30.00		
5720MHz Straddle 5.47-5.725GHz	Pass	5.46	19.17	19.11	22.15	22.79	27.61	28.79		
5720MHz Straddle 5.725-5.85GHz	Pass	5.46	13.16	12.95	16.07	30.00	21.53	36.00		
5745MHz	Pass	5.46	21.95	21.42	24.70	30.00	30.16	36.00		
5785MHz	Pass	5.46	21.44	20.67	24.08	30.00	29.54	36.00		
5825MHz	Pass	5.46	20.14	19.96	23.06	30.00	28.52	36.00		
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.46	17.08	16.70	19.90	30.00	25.36	36.00	20.99	21.00
5200MHz	Pass	5.46	16.98	16.68	19.84	30.00	25.30	36.00	20.91	21.00
5240MHz	Pass	5.46	17.19	16.70	19.96	30.00	25.42	36.00	20.68	21.00
5260MHz	Pass	5.46	21.25	20.46	23.88	23.98	29.34	30.00		
5300MHz	Pass	5.46	20.83	19.96	23.43	23.98	28.89	30.00		
5320MHz	Pass	5.46	19.72	18.73	22.26	23.98	27.72	30.00		
5500MHz	Pass	5.46	18.09	17.79	20.95	23.98	26.41	30.00		
5580MHz	Pass	5.46	19.07	18.65	21.88	23.98	27.34	30.00		
5700MHz	Pass	5.46	15.80	16.12	18.97	23.98	24.43	30.00		
5720MHz Straddle 5.47-5.725GHz	Pass	5.46	19.27	19.21	22.25	22.93	27.71	28.93		
5720MHz Straddle 5.725-5.85GHz	Pass	5.46	14.25	13.96	17.12	30.00	22.58	36.00		
5745MHz	Pass	5.46	22.19	21.71	24.97	30.00	30.43	36.00		
5785MHz	Pass	5.46	21.60	20.91	24.28	30.00	29.74	36.00		
5825MHz	Pass	5.46	20.29	20.13	23.22	30.00	28.68	36.00		
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.46	14.63	14.12	17.39	30.00	22.85	36.00	18.12	21.00
5230MHz	Pass	5.46	17.72	17.08	20.42	30.00	25.88	36.00	20.85	21.00
5270MHz	Pass	5.46	20.30	20.32	23.32	23.98	28.78	30.00		
5310MHz	Pass	5.46	13.95	14.20	17.09	23.98	22.55	30.00		
5510MHz	Pass	5.46	15.17	14.71	17.96	23.98	23.42	30.00		
5550MHz	Pass	5.46	19.69	18.99	22.36	23.98	27.82	30.00		
5670MHz	Pass	5.46	19.57	19.37	22.48	23.98	27.94	30.00		
5710MHz Straddle 5.47-5.725GHz	Pass	5.46	20.41	20.29	23.36	23.98	28.82	30.00		
5710MHz Straddle 5.725-5.85GHz	Pass	5.46	10.99	10.32	13.68	30.00	19.14	36.00		
5755MHz	Pass	5.46	21.01	20.61	23.82	30.00	29.28	36.00		
5795MHz	Pass	5.46	20.47	20.10	23.30	30.00	28.76	36.00		
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.46	14.07	14.21	17.15	30.00	22.61	36.00	17.89	21.00
5290MHz	Pass	5.46	14.21	13.57	16.91	23.98	22.37	30.00		
5530MHz	Pass	5.46	15.17	14.91	18.05	23.98	23.51	30.00		
5610MHz	Pass	5.46	19.63	19.53	22.59	23.98	28.05	30.00		
5690MHz Straddle 5.47-5.725GHz	Pass	5.46	19.96	20.17	23.08	23.98	28.54	30.00		
5690MHz Straddle 5.725-5.85GHz	Pass	5.46	6.90	6.26	9.60	30.00	15.06	36.00		
5775MHz	Pass	5.46	19.97	19.74	22.87	30.00	28.33	36.00		

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

04/10/2023

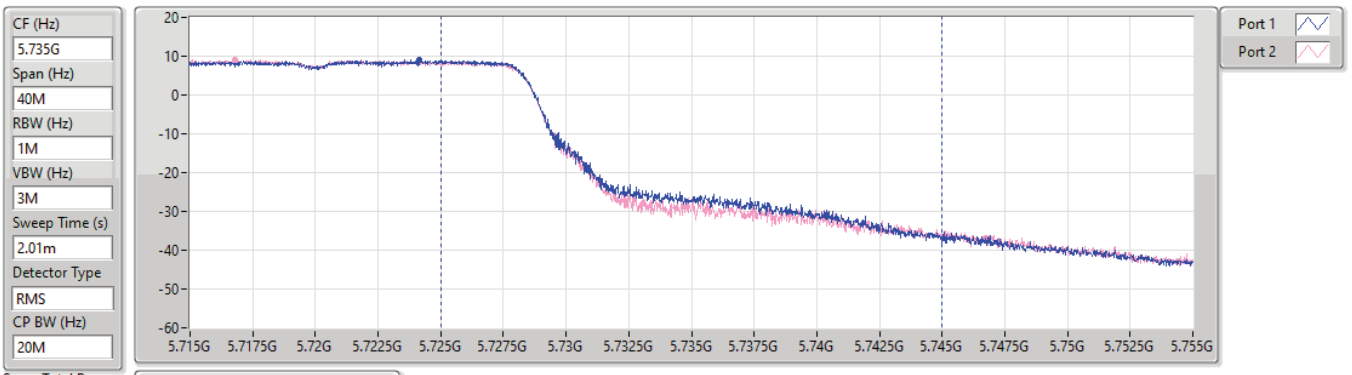


Sum(dBm)	P1(dBm)	P2(dBm)
22.15	19.17	19.11

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

04/10/2023

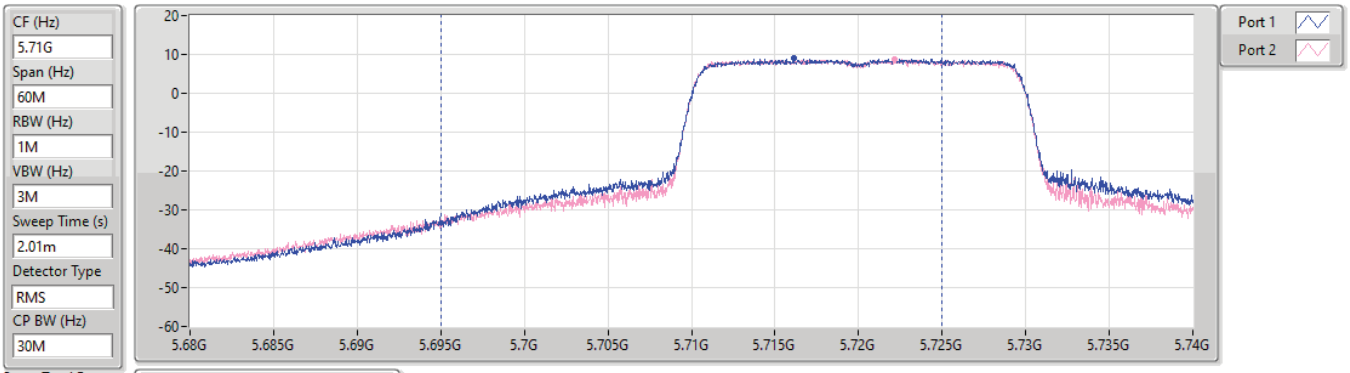


Sum(dBm)	P1(dBm)	P2(dBm)
16.07	13.16	12.95

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

04/10/2023

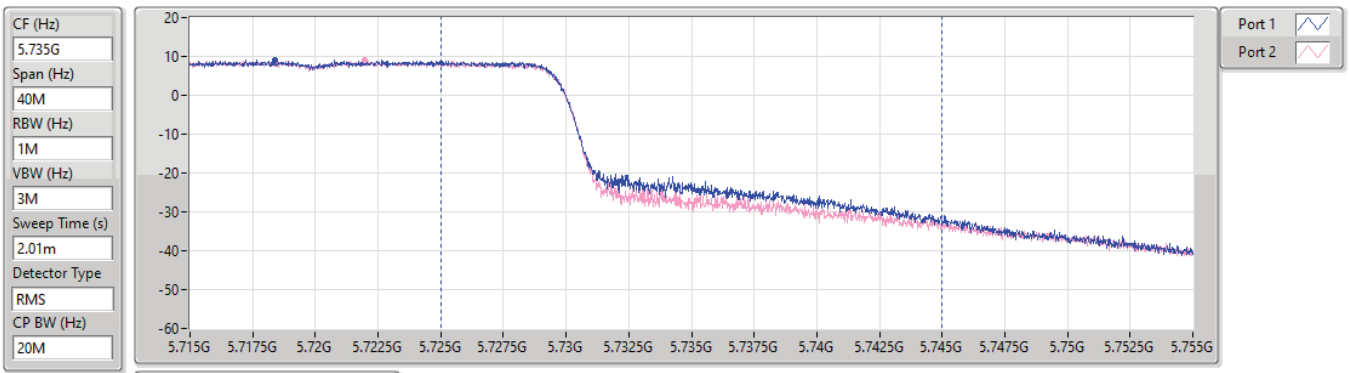


Sum(dBm)	P1(dBm)	P2(dBm)
22.25	19.27	19.21

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

04/10/2023

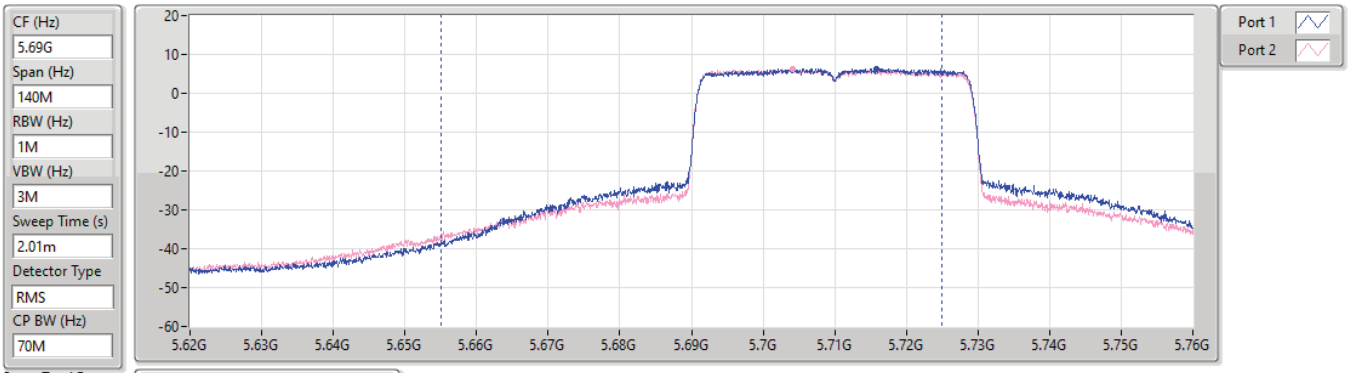


Sum(dBm)	P1(dBm)	P2(dBm)
17.12	14.25	13.96

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

04/10/2023

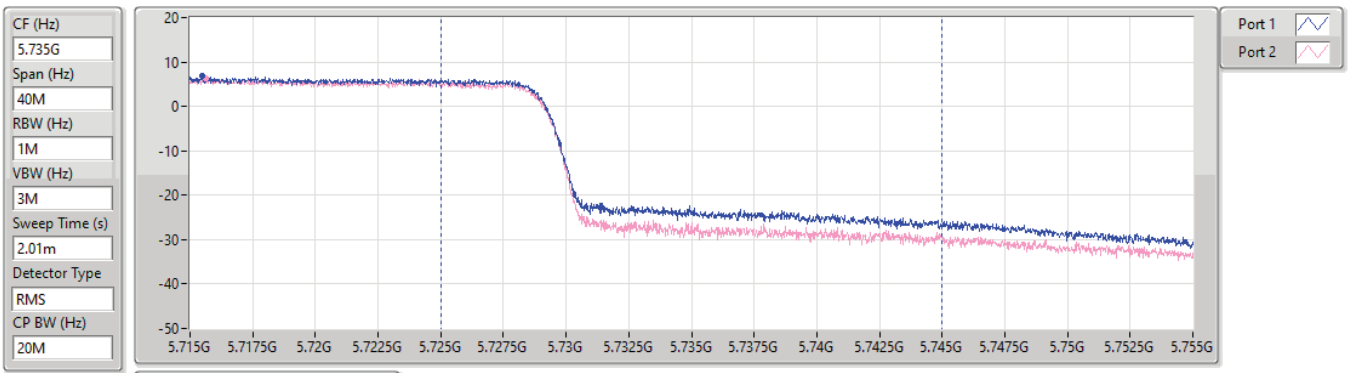


Sum(dBm)	P1(dBm)	P2(dBm)
23.36	20.41	20.29

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

04/10/2023

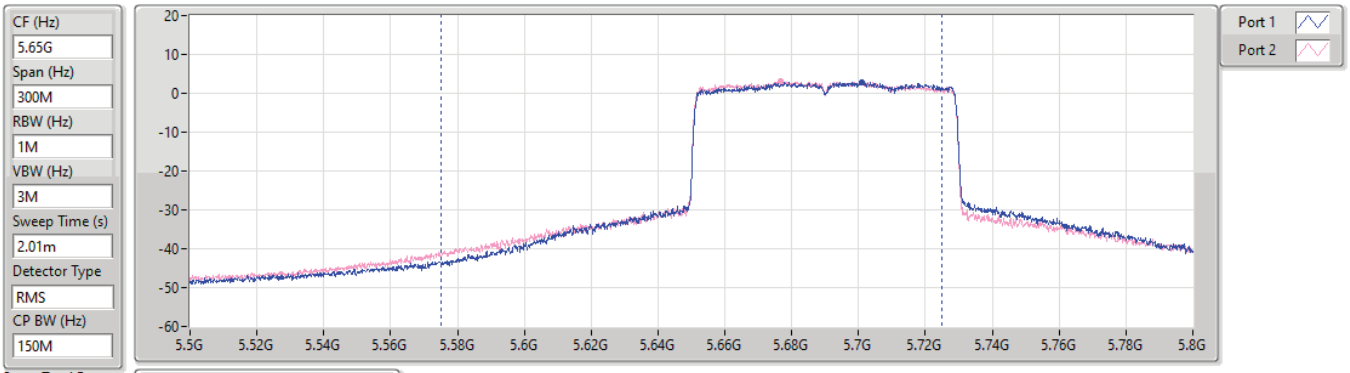


Sum(dBm)	P1(dBm)	P2(dBm)
13.68	10.99	10.32

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

04/10/2023

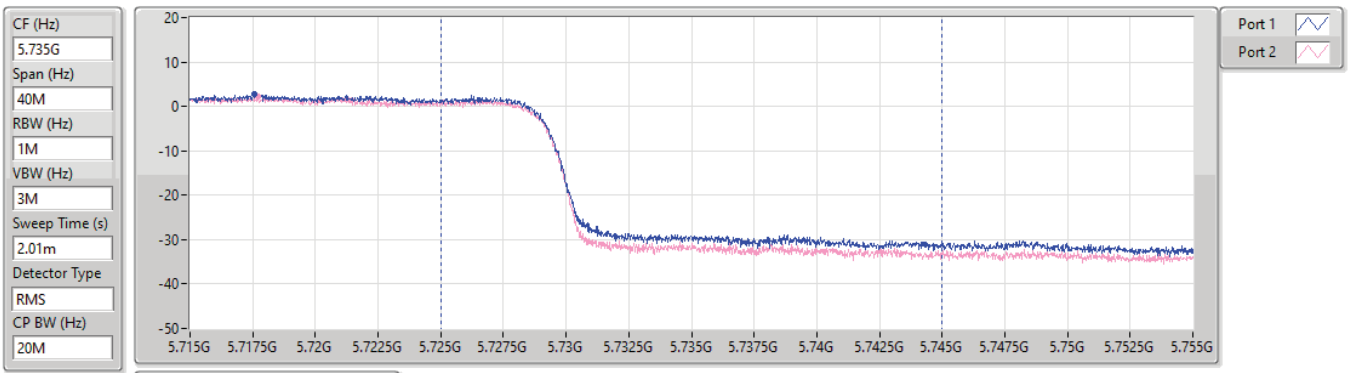


Sum(dBm)	P1(dBm)	P2(dBm)
23.08	19.96	20.17

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

04/10/2023



Sum(dBm)	P1(dBm)	P2(dBm)
9.60	6.90	6.26

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.48	0.08872	23.74	0.23659
802.11ax HEW20_Nss1,(MCS0)_1TX	19.61	0.09141	23.87	0.24378
802.11ax HEW40_Nss1,(MCS0)_1TX	18.97	0.07889	23.23	0.21038
802.11ax HEW80_Nss1,(MCS0)_1TX	14.34	0.02716	18.60	0.07244
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.52	0.08954	23.78	0.23878
802.11ax HEW20_Nss1,(MCS0)_1TX	19.62	0.09162	23.88	0.24434
802.11ax HEW40_Nss1,(MCS0)_1TX	18.79	0.07568	23.05	0.20184
802.11ax HEW80_Nss1,(MCS0)_1TX	12.74	0.01879	17.00	0.05012
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.97	0.09931	24.23	0.26485
802.11ax HEW20_Nss1,(MCS0)_1TX	20.07	0.10162	24.33	0.27102
802.11ax HEW40_Nss1,(MCS0)_1TX	20.02	0.10046	24.28	0.26792
802.11ax HEW80_Nss1,(MCS0)_1TX	20.41	0.10990	24.67	0.29309
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.88	0.12246	25.14	0.32659
802.11ax HEW20_Nss1,(MCS0)_1TX	20.98	0.12531	25.24	0.33420
802.11ax HEW40_Nss1,(MCS0)_1TX	20.73	0.11830	24.99	0.31550
802.11ax HEW80_Nss1,(MCS0)_1TX	20.15	0.10351	24.41	0.27606

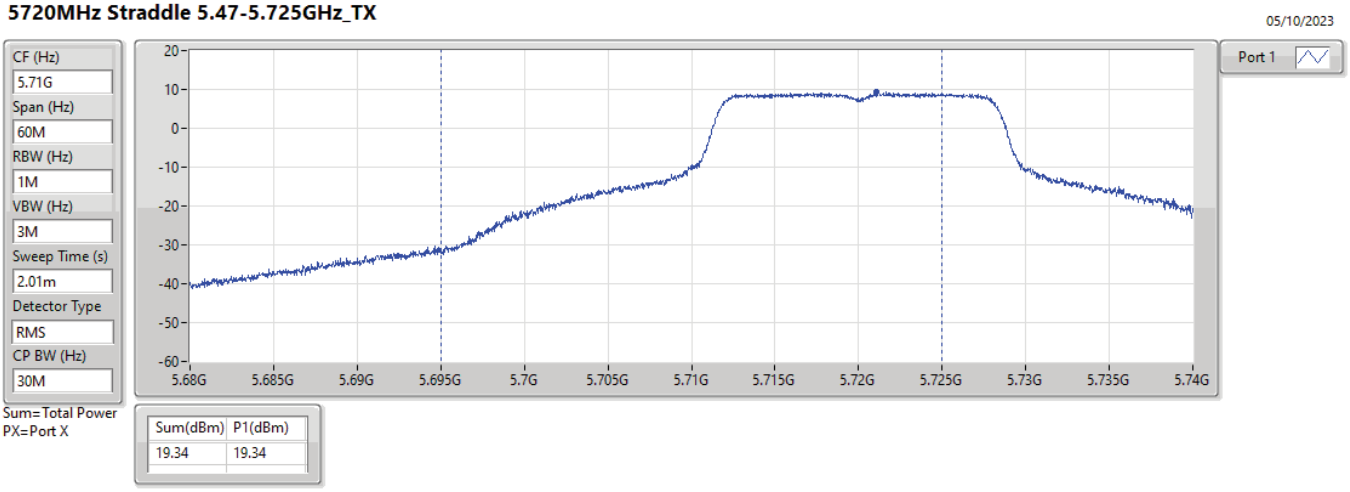
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.26	17.38	17.38	30.00	21.64	36.00
5200MHz	Pass	4.26	19.4	19.40	30.00	23.66	36.00
5240MHz	Pass	4.26	19.48	19.48	30.00	23.74	36.00
5260MHz	Pass	4.26	19.52	19.52	23.98	23.78	30.00
5300MHz	Pass	4.26	19.4	19.40	23.98	23.66	30.00
5320MHz	Pass	4.26	17.35	17.35	23.98	21.61	30.00
5500MHz	Pass	4.26	16.81	16.81	23.98	21.07	30.00
5580MHz	Pass	4.26	19.97	19.97	23.98	24.23	30.00
5700MHz	Pass	4.26	16.33	16.33	23.98	20.59	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.26	19.34	19.34	23.98	23.60	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.26	13.15	13.15	30.00	17.41	36.00
5745MHz	Pass	4.26	20.74	20.74	30.00	25.00	36.00
5785MHz	Pass	4.26	20.74	20.74	30.00	25.00	36.00
5825MHz	Pass	4.26	20.88	20.88	30.00	25.14	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.26	16.79	16.79	30.00	21.05	36.00
5200MHz	Pass	4.26	19.52	19.52	30.00	23.78	36.00
5240MHz	Pass	4.26	19.61	19.61	30.00	23.87	36.00
5260MHz	Pass	4.26	19.62	19.62	23.98	23.88	30.00
5300MHz	Pass	4.26	19.55	19.55	23.98	23.81	30.00
5320MHz	Pass	4.26	16.51	16.51	23.98	20.77	30.00
5500MHz	Pass	4.26	15.85	15.85	23.98	20.11	30.00
5580MHz	Pass	4.26	20.07	20.07	23.98	24.33	30.00
5700MHz	Pass	4.26	14.44	14.44	23.98	18.70	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.26	19.03	19.03	23.98	23.29	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.26	13.99	13.99	30.00	18.25	36.00
5745MHz	Pass	4.26	20.8	20.80	30.00	25.06	36.00
5785MHz	Pass	4.26	20.86	20.86	30.00	25.12	36.00
5825MHz	Pass	4.26	20.98	20.98	30.00	25.24	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.26	14.46	14.46	30.00	18.72	36.00
5230MHz	Pass	4.26	18.97	18.97	30.00	23.23	36.00
5270MHz	Pass	4.26	18.79	18.79	23.98	23.05	30.00
5310MHz	Pass	4.26	13.81	13.81	23.98	18.07	30.00
5510MHz	Pass	4.26	13.77	13.77	23.98	18.03	30.00
5550MHz	Pass	4.26	19.62	19.62	23.98	23.88	30.00
5670MHz	Pass	4.26	19.08	19.08	23.98	23.34	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.26	20.02	20.02	23.98	24.28	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.26	10.42	10.42	30.00	14.68	36.00
5755MHz	Pass	4.26	20.7	20.70	30.00	24.96	36.00
5795MHz	Pass	4.26	20.73	20.73	30.00	24.99	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.26	14.34	14.34	30.00	18.60	36.00
5290MHz	Pass	4.26	12.74	12.74	23.98	17.00	30.00
5530MHz	Pass	4.26	13.12	13.12	23.98	17.38	30.00
5610MHz	Pass	4.26	19.3	19.30	23.98	23.56	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.26	20.41	20.41	23.98	24.67	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.26	7.19	7.19	30.00	11.45	36.00
5775MHz	Pass	4.26	20.15	20.15	30.00	24.41	36.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

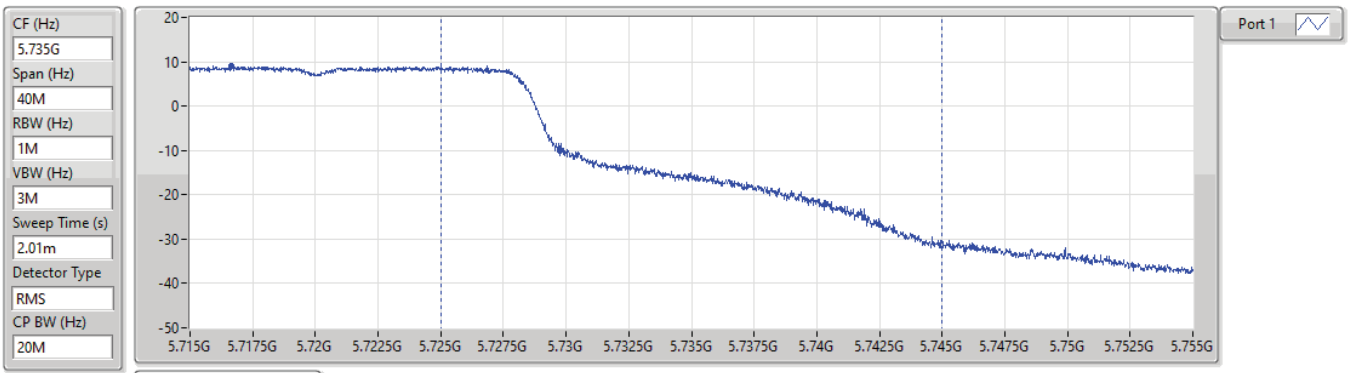
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)
19.34	19.34

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

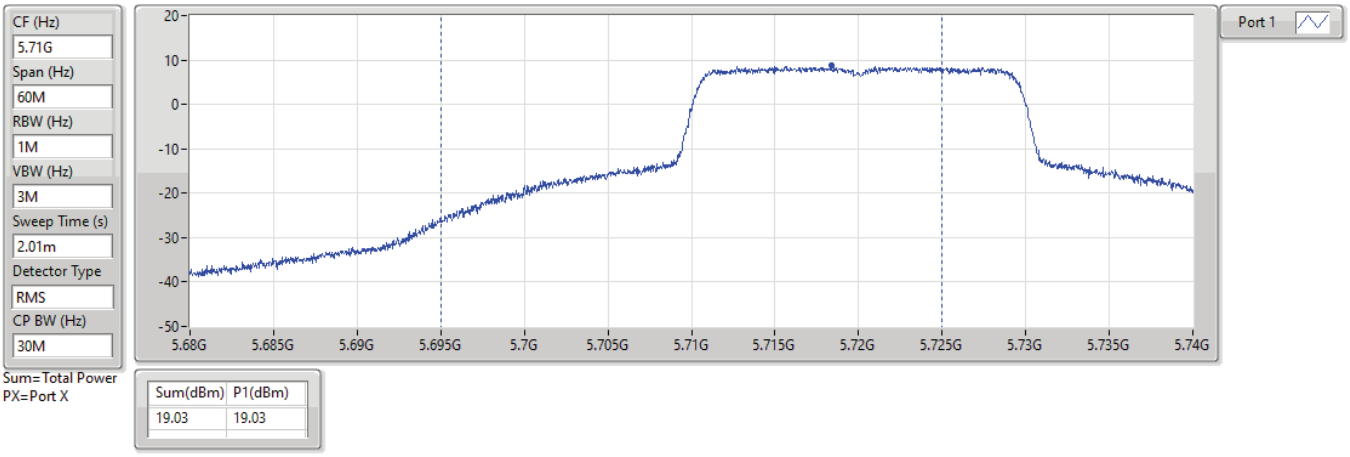


Sum(dBm)	P1(dBm)
13.15	13.15

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

05/10/2023

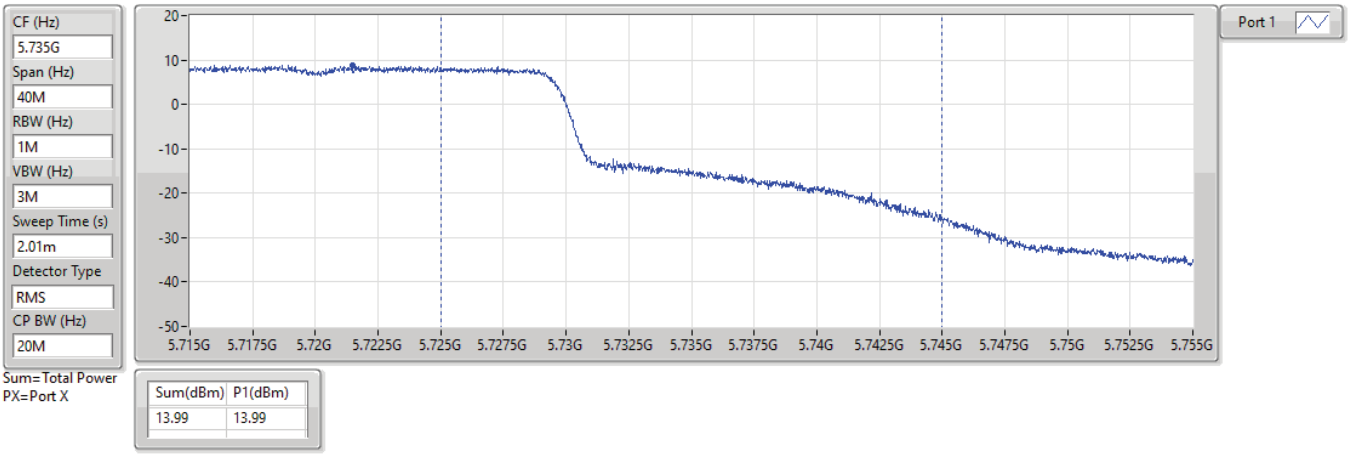


Sum(dBm)	P1(dBm)
19.03	19.03

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

05/10/2023

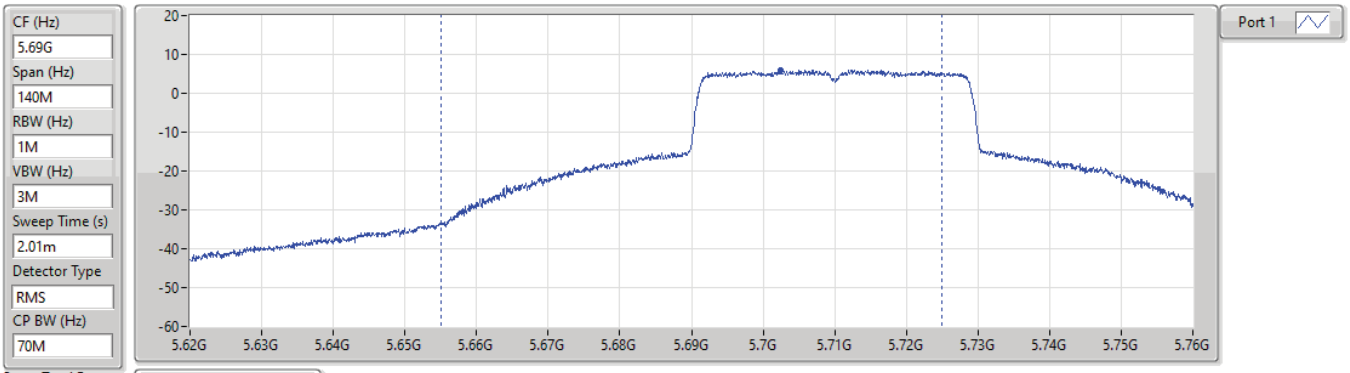


Sum(dBm)	P1(dBm)
13.99	13.99

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

05/10/2023



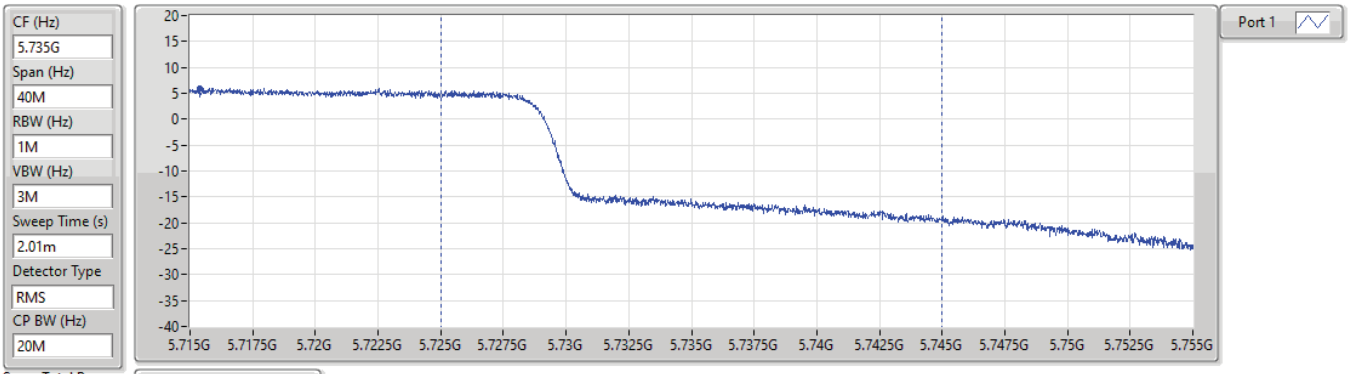
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
20.02	20.02

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

05/10/2023



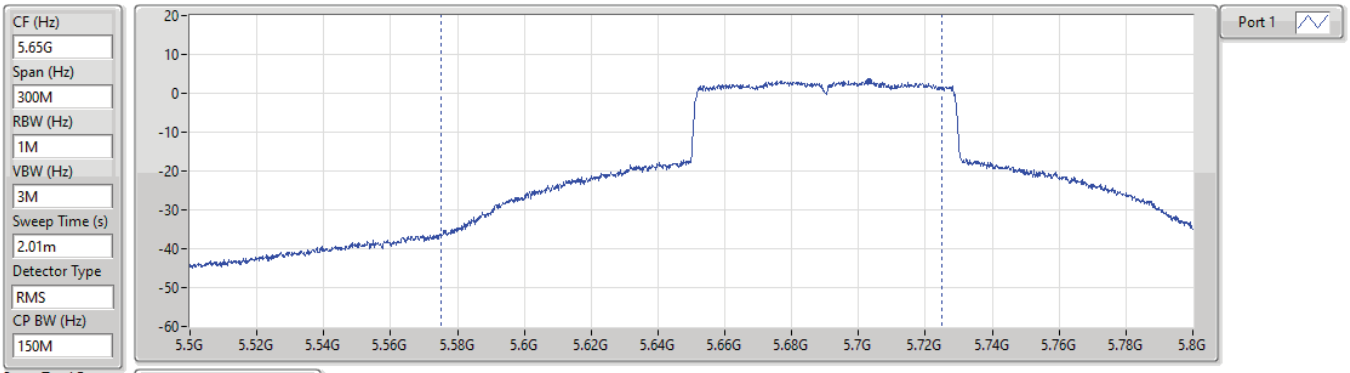
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
10.42	10.42

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

05/10/2023

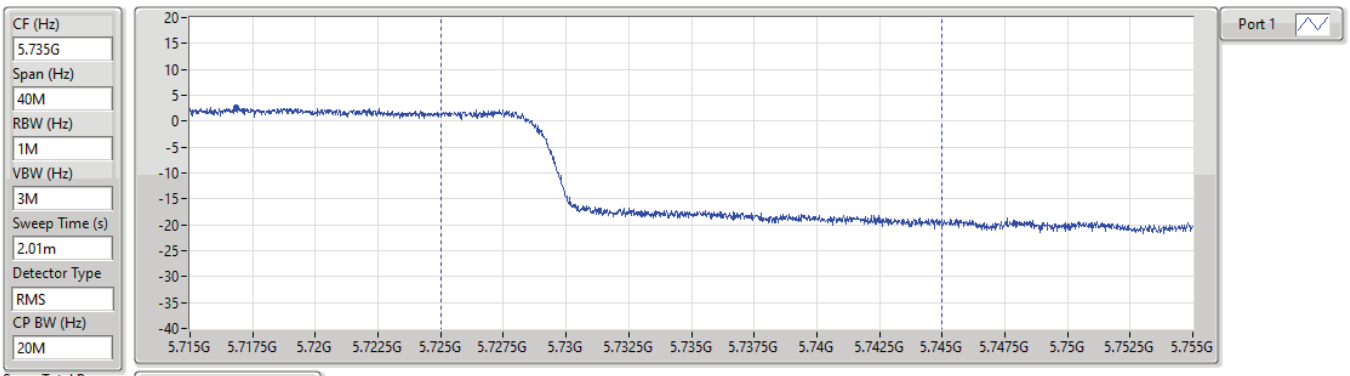


Sum(dBm)	P1(dBm)
20.41	20.41

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

05/10/2023



Sum(dBm)	P1(dBm)
7.19	7.19

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.28	0.06730	22.54	0.17947
802.11ax HEW20_Nss1,(MCS0)_1TX	18.26	0.06699	22.52	0.17865
802.11ax HEW40_Nss1,(MCS0)_1TX	17.78	0.05998	22.04	0.15996
802.11ax HEW80_Nss1,(MCS0)_1TX	14.34	0.02716	18.60	0.07244
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.52	0.08954	23.78	0.23878
802.11ax HEW20_Nss1,(MCS0)_1TX	19.62	0.09162	23.88	0.24434
802.11ax HEW40_Nss1,(MCS0)_1TX	18.79	0.07568	23.05	0.20184
802.11ax HEW80_Nss1,(MCS0)_1TX	12.74	0.01879	17.00	0.05012
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.97	0.09931	24.23	0.26485
802.11ax HEW20_Nss1,(MCS0)_1TX	20.07	0.10162	24.33	0.27102
802.11ax HEW40_Nss1,(MCS0)_1TX	20.02	0.10046	24.28	0.26792
802.11ax HEW80_Nss1,(MCS0)_1TX	20.41	0.10990	24.67	0.29309
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.88	0.12246	25.14	0.32659
802.11ax HEW20_Nss1,(MCS0)_1TX	20.98	0.12531	25.24	0.33420
802.11ax HEW40_Nss1,(MCS0)_1TX	20.73	0.11830	24.99	0.31550
802.11ax HEW80_Nss1,(MCS0)_1TX	20.15	0.10351	24.41	0.27606

Result

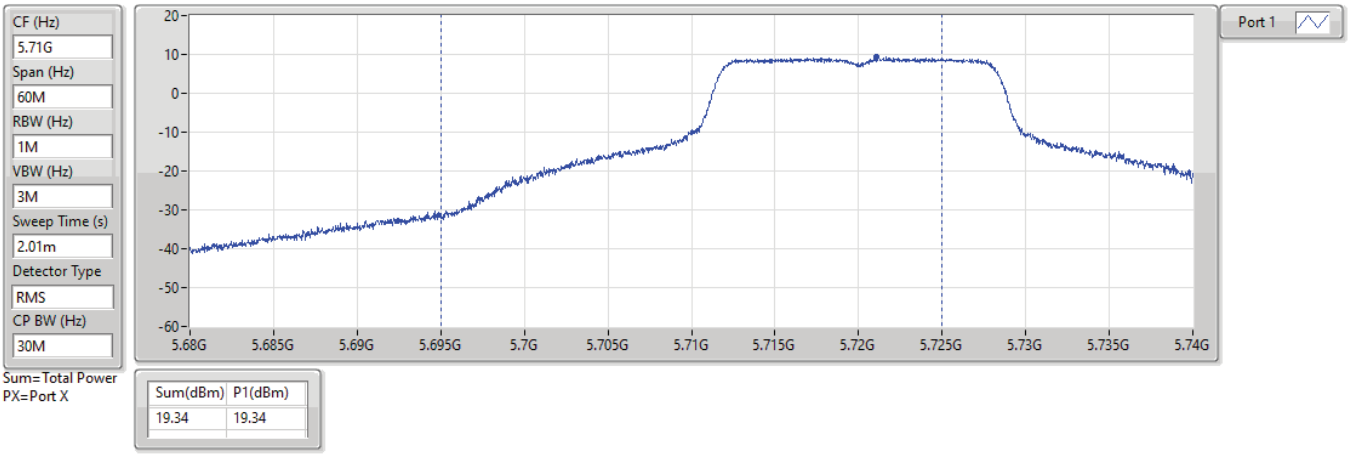
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.26	17.38	17.38	30.00	21.64	36.00	20.83	21.00
5200MHz	Pass	4.26	17.68	17.68	30.00	21.94	36.00	20.84	21.00
5240MHz	Pass	4.26	18.28	18.28	30.00	22.54	36.00	20.96	21.00
5260MHz	Pass	4.26	19.52	19.52	23.98	23.78	30.00		
5300MHz	Pass	4.26	19.4	19.40	23.98	23.66	30.00		
5320MHz	Pass	4.26	17.35	17.35	23.98	21.61	30.00		
5500MHz	Pass	4.26	16.81	16.81	23.98	21.07	30.00		
5580MHz	Pass	4.26	19.97	19.97	23.98	24.23	30.00		
5700MHz	Pass	4.26	16.33	16.33	23.98	20.59	30.00		
5720MHz Straddle 5.47-5.725GHz	Pass	4.26	19.34	19.34	23.98	23.60	30.00		
5720MHz Straddle 5.725-5.85GHz	Pass	4.26	13.15	13.15	30.00	17.41	36.00		
5745MHz	Pass	4.26	20.74	20.74	30.00	25.00	36.00		
5785MHz	Pass	4.26	20.74	20.74	30.00	25.00	36.00		
5825MHz	Pass	4.26	20.88	20.88	30.00	25.14	36.00		
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.26	16.79	16.79	30.00	21.05	36.00	19.09	21.00
5200MHz	Pass	4.26	17.79	17.79	30.00	22.05	36.00	20.91	21.00
5240MHz	Pass	4.26	18.26	18.26	30.00	22.52	36.00	20.91	21.00
5260MHz	Pass	4.26	19.62	19.62	23.98	23.88	30.00		
5300MHz	Pass	4.26	19.55	19.55	23.98	23.81	30.00		
5320MHz	Pass	4.26	16.51	16.51	23.98	20.77	30.00		
5500MHz	Pass	4.26	15.85	15.85	23.98	20.11	30.00		
5580MHz	Pass	4.26	20.07	20.07	23.98	24.33	30.00		
5700MHz	Pass	4.26	14.44	14.44	23.98	18.70	30.00		
5720MHz Straddle 5.47-5.725GHz	Pass	4.26	19.03	19.03	23.98	23.29	30.00		
5720MHz Straddle 5.725-5.85GHz	Pass	4.26	13.99	13.99	30.00	18.25	36.00		
5745MHz	Pass	4.26	20.8	20.80	30.00	25.06	36.00		
5785MHz	Pass	4.26	20.86	20.86	30.00	25.12	36.00		
5825MHz	Pass	4.26	20.98	20.98	30.00	25.24	36.00		
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.26	14.46	14.46	30.00	18.72	36.00	17.83	21.00
5230MHz	Pass	4.26	17.78	17.78	30.00	22.04	36.00	20.83	21.00
5270MHz	Pass	4.26	18.79	18.79	23.98	23.05	30.00		
5310MHz	Pass	4.26	13.81	13.81	23.98	18.07	30.00		
5510MHz	Pass	4.26	13.77	13.77	23.98	18.03	30.00		
5550MHz	Pass	4.26	19.62	19.62	23.98	23.88	30.00		
5670MHz	Pass	4.26	19.08	19.08	23.98	23.34	30.00		
5710MHz Straddle 5.47-5.725GHz	Pass	4.26	20.02	20.02	23.98	24.28	30.00		
5710MHz Straddle 5.725-5.85GHz	Pass	4.26	10.42	10.42	30.00	14.68	36.00		
5755MHz	Pass	4.26	20.7	20.70	30.00	24.96	36.00		
5795MHz	Pass	4.26	20.73	20.73	30.00	24.99	36.00		
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.26	14.34	14.34	30.00	18.60	36.00	17.82	21.00
5290MHz	Pass	4.26	12.74	12.74	23.98	17.00	30.00		
5530MHz	Pass	4.26	13.12	13.12	23.98	17.38	30.00		
5610MHz	Pass	4.26	19.3	19.30	23.98	23.56	30.00		
5690MHz Straddle 5.47-5.725GHz	Pass	4.26	20.41	20.41	23.98	24.67	30.00		
5690MHz Straddle 5.725-5.85GHz	Pass	4.26	7.19	7.19	30.00	11.45	36.00		
5775MHz	Pass	4.26	20.15	20.15	30.00	24.41	36.00		

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

05/10/2023

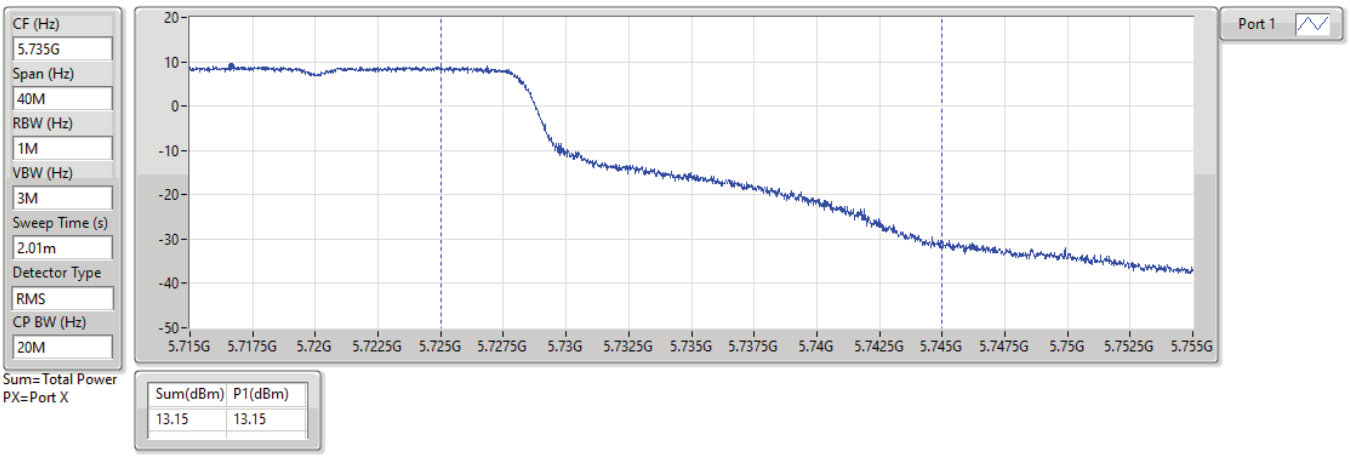


Sum(dBm)	P1(dBm)
19.34	19.34

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

05/10/2023

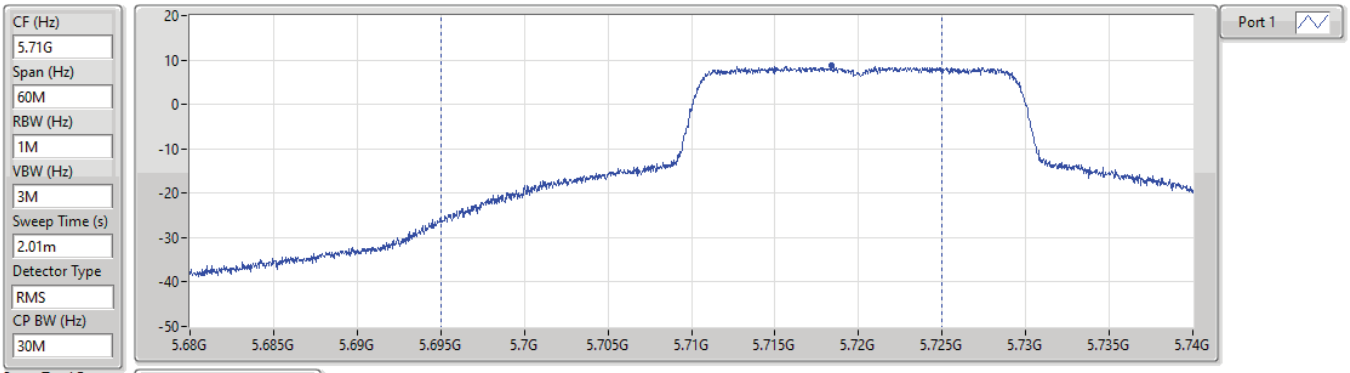


Sum(dBm)	P1(dBm)
13.15	13.15

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

05/10/2023

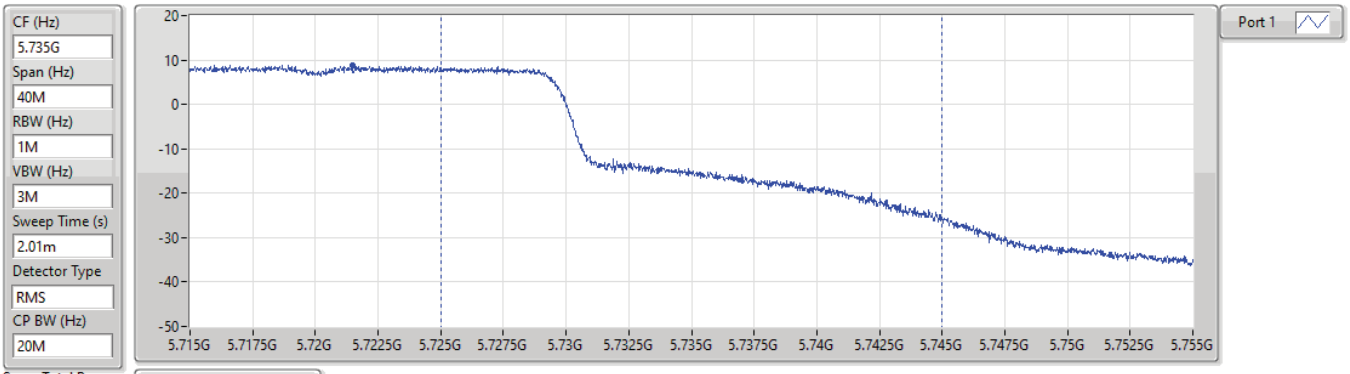


Sum(dBm)	P1(dBm)
19.03	19.03

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

05/10/2023

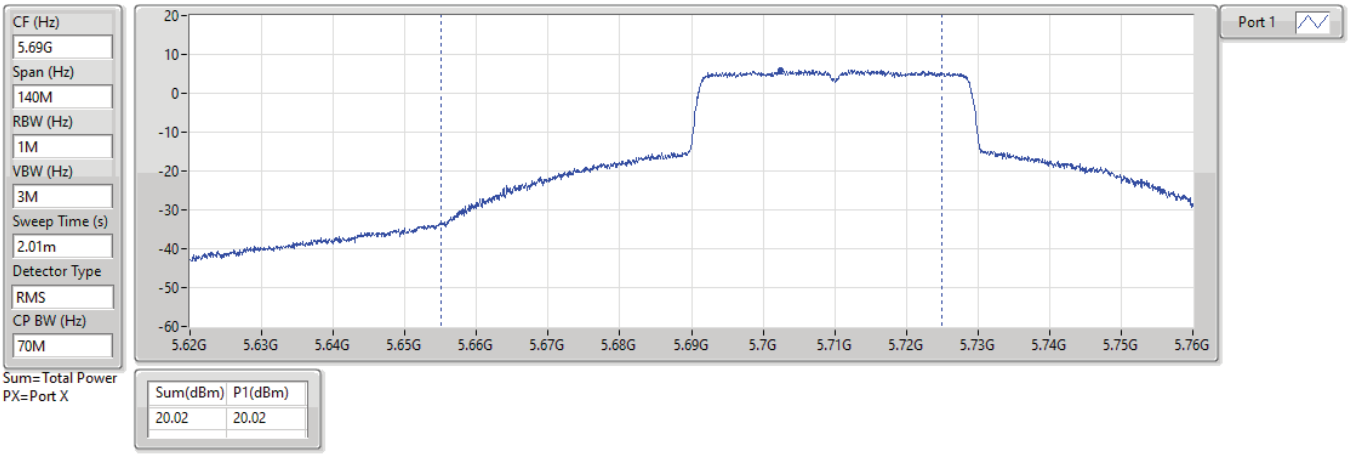


Sum(dBm)	P1(dBm)
13.99	13.99

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

05/10/2023

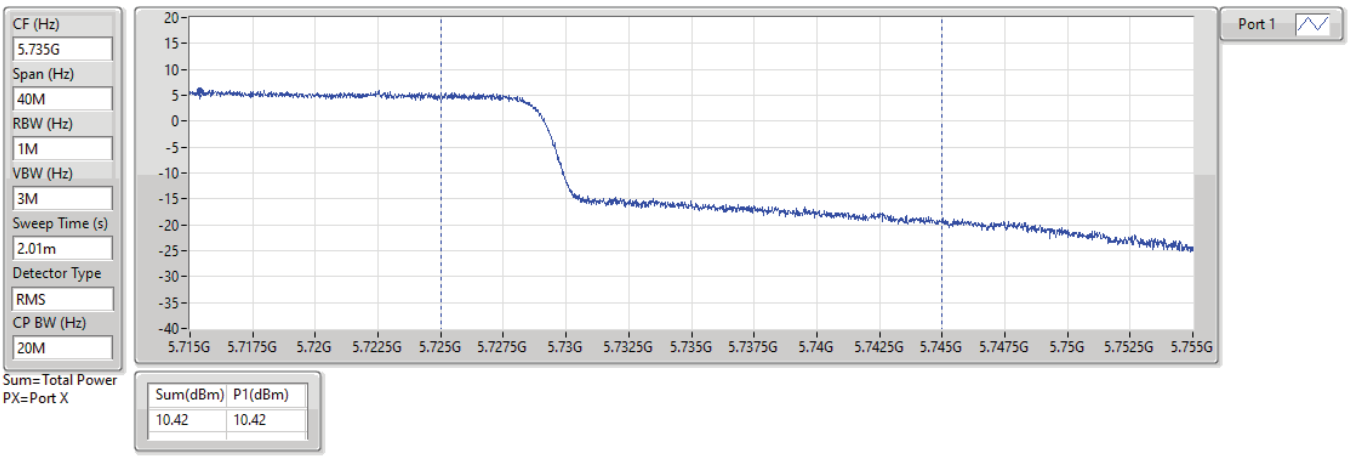


Sum(dBm)	P1(dBm)
20.02	20.02

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

05/10/2023

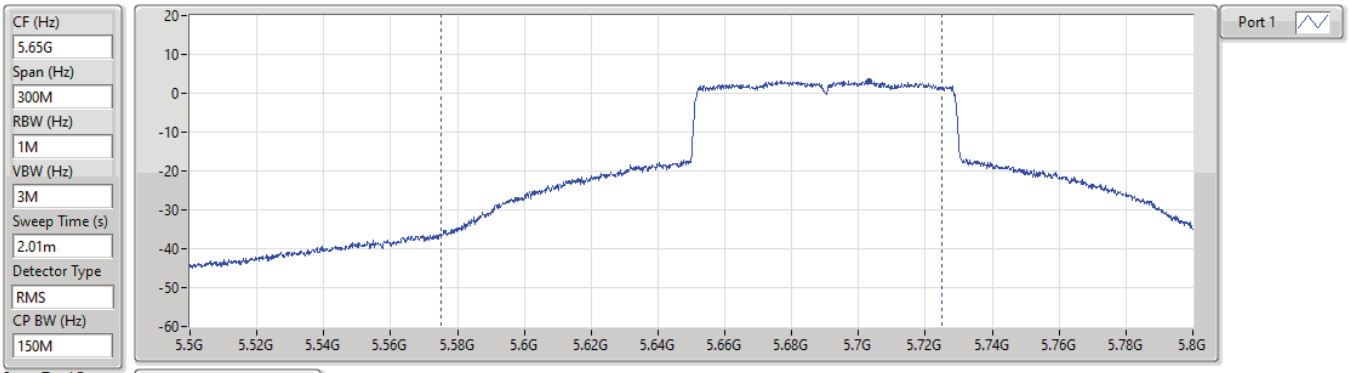


Sum(dBm)	P1(dBm)
10.42	10.42

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

05/10/2023

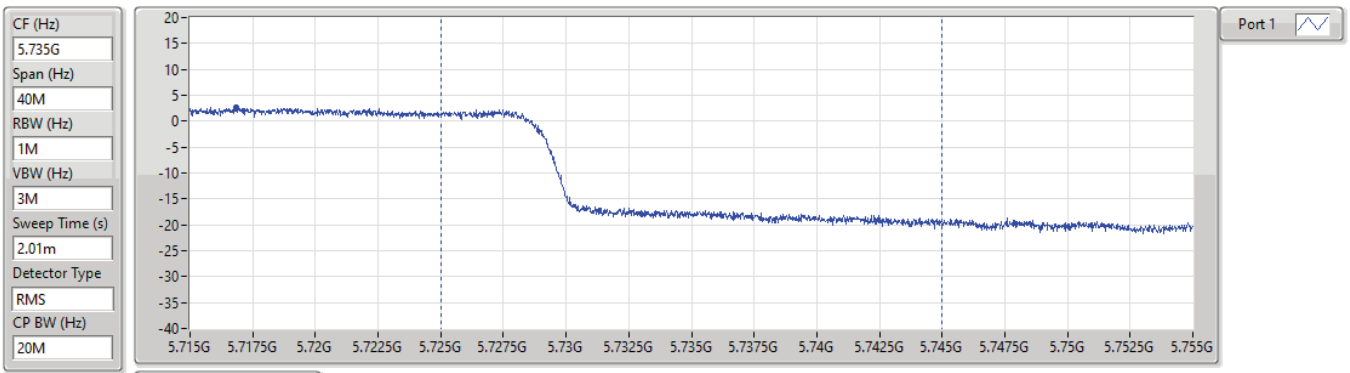


Sum(dBm)	P1(dBm)
20.41	20.41

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

05/10/2023



Sum(dBm)	P1(dBm)
7.19	7.19

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.06	0.20230	28.58	0.72111
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.93	0.19634	28.45	0.69984
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	17.03	0.05047	22.55	0.17989
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.76	0.23768	29.28	0.84723
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.20	0.20893	28.72	0.74473
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.80	0.04786	22.32	0.17061
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.11	0.16255	27.63	0.57943
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.31	0.21429	28.83	0.76384
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.98	0.19861	28.50	0.70795
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.84	0.30479	30.36	1.08643
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.69	0.23388	29.21	0.83368
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.74	0.18793	28.26	0.66988

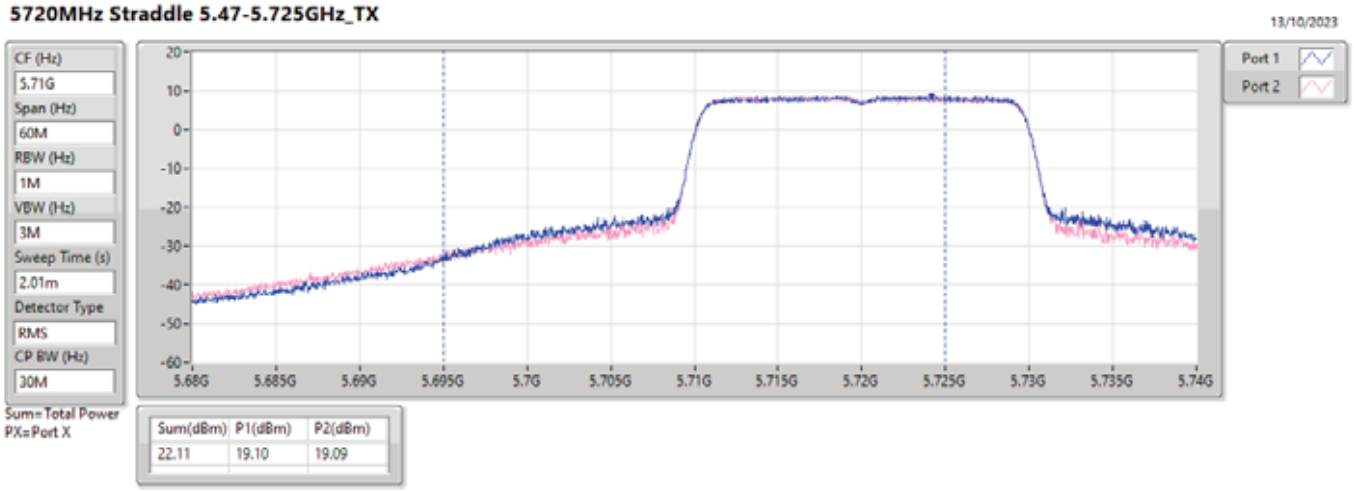
Result

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	5.52	19.12	18.83	21.99	30.00	27.51	36.00
5200MHz	Pass	5.52	20.27	19.82	23.06	30.00	28.58	36.00
5240MHz	Pass	5.52	20.12	19.54	22.85	30.00	28.37	36.00
5260MHz	Pass	5.52	21.11	20.36	23.76	23.98	29.28	30.00
5300MHz	Pass	5.52	20.69	19.83	23.29	23.98	28.81	30.00
5320MHz	Pass	5.52	19.62	18.58	22.14	23.98	27.66	30.00
5500MHz	Pass	5.52	17.99	17.64	20.83	23.98	26.35	30.00
5580MHz	Pass	5.52	18.97	18.53	21.77	23.98	27.29	30.00
5700MHz	Pass	5.52	15.65	15.99	18.83	23.98	24.35	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.52	19.10	19.09	22.11	23.98	27.63	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.52	14.22	13.89	17.07	30.00	22.59	36.00
5745MHz	Pass	5.52	22.08	21.57	24.84	30.00	30.36	36.00
5785MHz	Pass	5.52	21.45	20.78	24.14	30.00	29.66	36.00
5825MHz	Pass	5.52	20.14	20.02	23.09	30.00	28.61	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.52	14.51	14.02	17.28	30.00	22.80	36.00
5230MHz	Pass	5.52	20.30	19.50	22.93	30.00	28.45	36.00
5270MHz	Pass	5.52	20.18	20.19	23.20	23.98	28.72	30.00
5310MHz	Pass	5.52	13.85	14.07	16.97	23.98	22.49	30.00
5510MHz	Pass	5.52	15.05	14.59	17.84	23.98	23.36	30.00
5550MHz	Pass	5.52	19.58	18.89	22.26	23.98	27.78	30.00
5670MHz	Pass	5.52	19.42	19.25	22.35	23.98	27.87	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.52	20.32	20.27	23.31	23.98	28.83	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.52	10.94	10.26	13.62	30.00	19.14	36.00
5755MHz	Pass	5.52	20.87	20.49	23.69	30.00	29.21	36.00
5795MHz	Pass	5.52	20.34	20.00	23.18	30.00	28.70	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.52	13.92	14.11	17.03	30.00	22.55	36.00
5290MHz	Pass	5.52	14.11	13.45	16.80	23.98	22.32	30.00
5530MHz	Pass	5.52	15.07	14.77	17.93	23.98	23.45	30.00
5610MHz	Pass	5.52	19.53	19.43	22.49	23.98	28.01	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.52	19.90	20.04	22.98	23.98	28.50	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.52	6.87	6.04	9.49	30.00	15.01	36.00
5775MHz	Pass	5.52	19.82	19.64	22.74	30.00	28.26	36.00

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

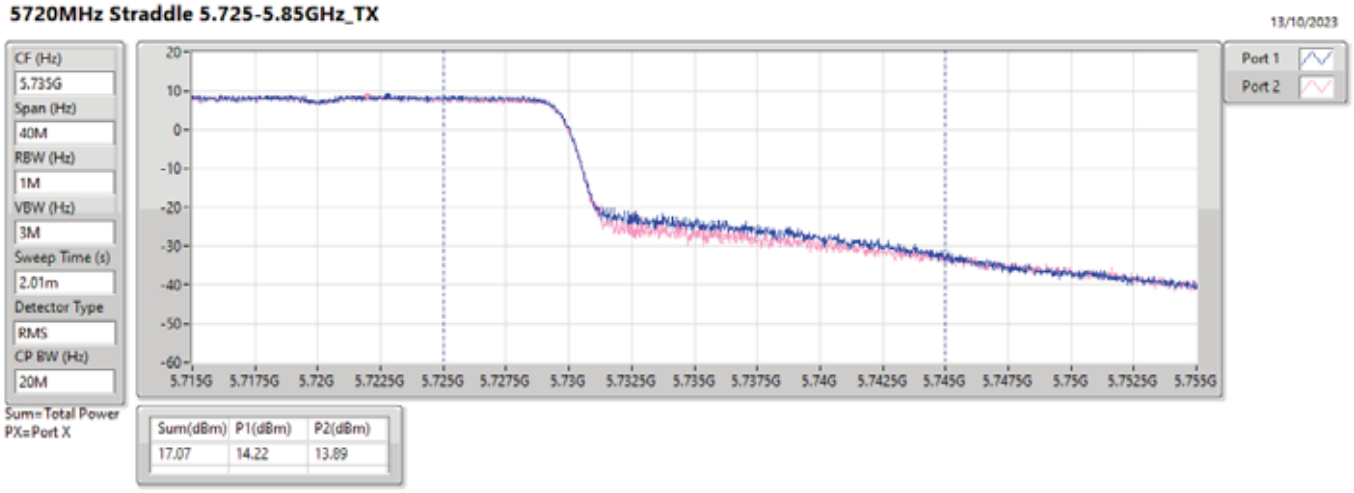
5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX



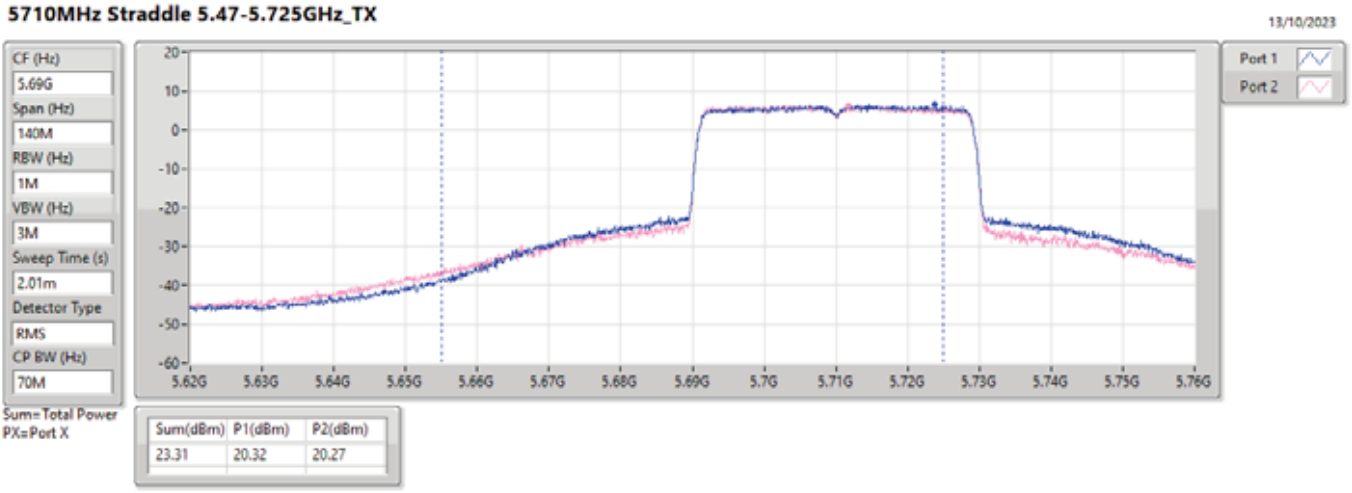
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

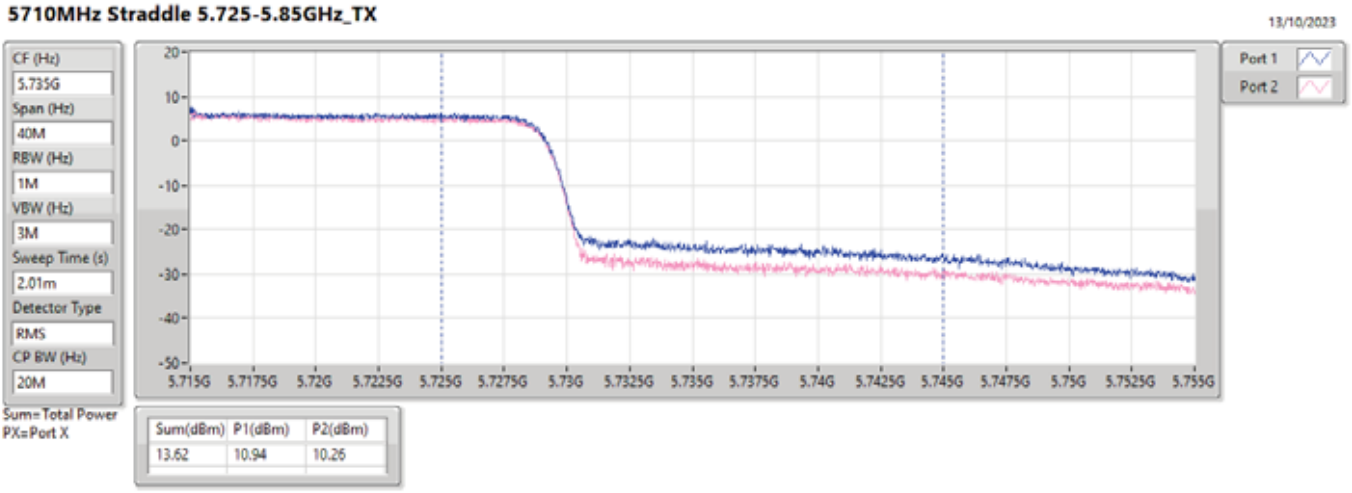
5710MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
23.31	20.32	20.27

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

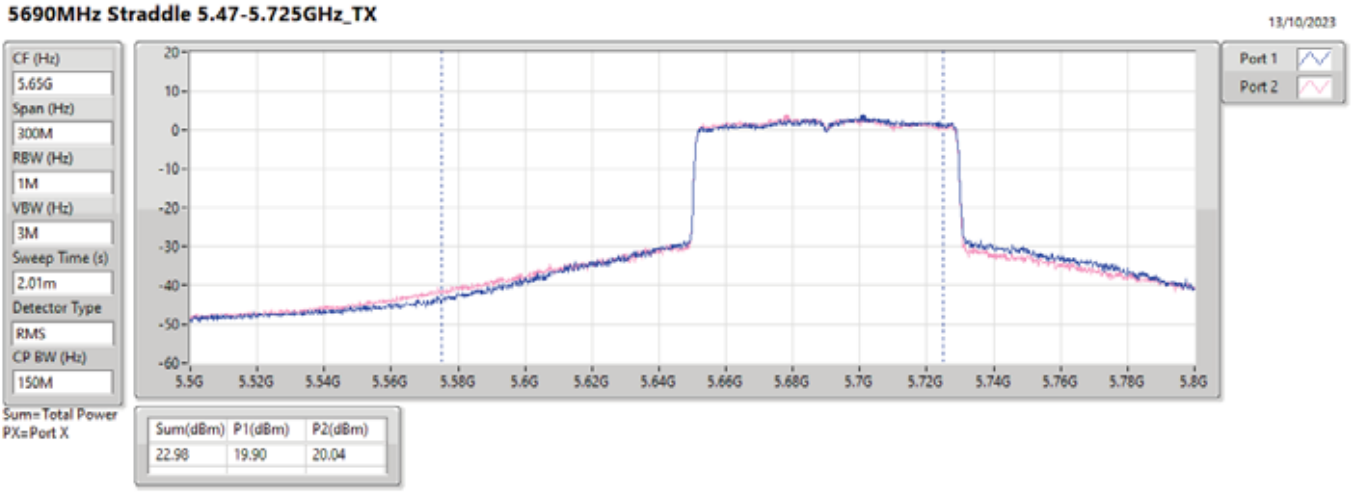
5710MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
13.62	10.94	10.26

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

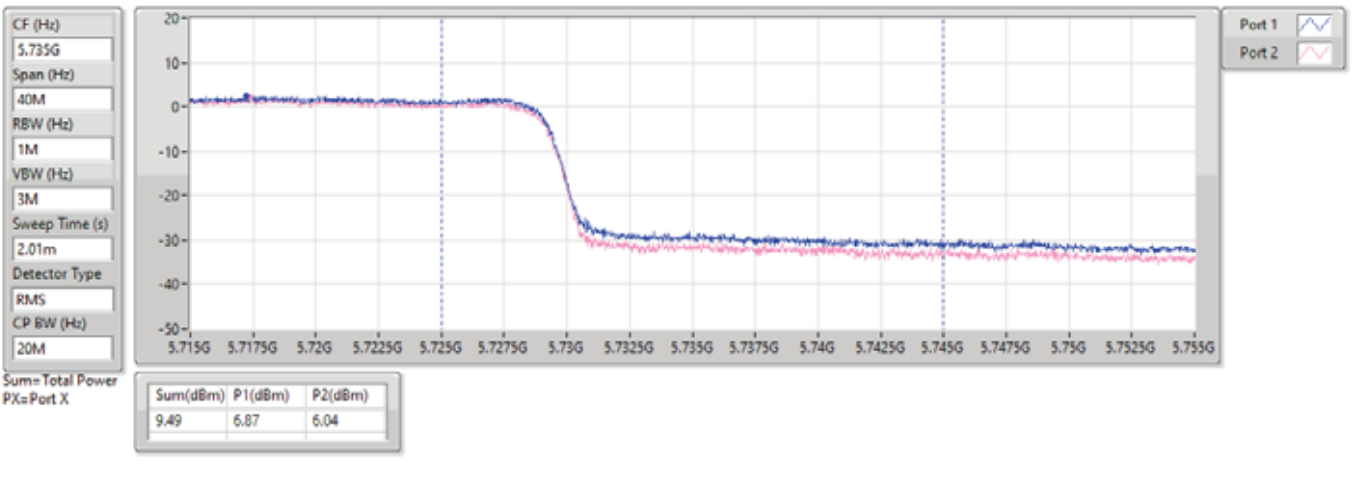
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.98	19.90	20.04

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
9.49	6.87	6.04

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.84	0.09638	25.36	0.34356
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.31	0.10740	25.83	0.38282
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	17.03	0.05047	22.55	0.17989
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.76	0.23768	29.28	0.84723
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.20	0.20893	28.72	0.74473
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.80	0.04786	22.32	0.17061
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.11	0.16255	27.63	0.57943
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.31	0.21429	28.83	0.76384
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.98	0.19861	28.50	0.70795
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.84	0.30479	30.36	1.08643
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.69	0.23388	29.21	0.83368
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.74	0.18793	28.26	0.66988

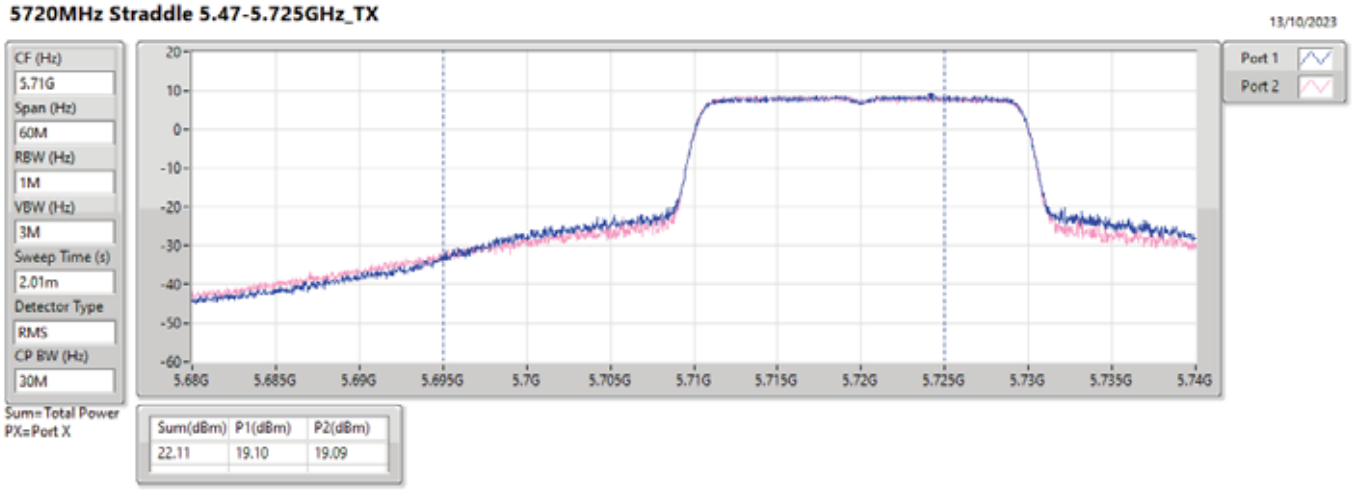
Result

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	5.52	16.96	16.58	19.78	30.00	25.30	36.00
5200MHz	Pass	5.52	16.85	16.57	19.72	30.00	25.24	36.00
5240MHz	Pass	5.52	17.09	16.56	19.84	30.00	25.36	36.00
5260MHz	Pass	5.52	21.11	20.36	23.76	23.98	29.28	30.00
5300MHz	Pass	5.52	20.69	19.83	23.29	23.98	28.81	30.00
5320MHz	Pass	5.52	19.62	18.58	22.14	23.98	27.66	30.00
5500MHz	Pass	5.52	17.99	17.64	20.83	23.98	26.35	30.00
5580MHz	Pass	5.52	18.97	18.53	21.77	23.98	27.29	30.00
5700MHz	Pass	5.52	15.65	15.99	18.83	23.98	24.35	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.52	19.1	19.09	22.11	23.98	27.63	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.52	14.22	13.89	17.07	30.00	22.59	36.00
5745MHz	Pass	5.52	22.08	21.57	24.84	30.00	30.36	36.00
5785MHz	Pass	5.52	21.45	20.78	24.14	30.00	29.66	36.00
5825MHz	Pass	5.52	20.14	20.02	23.09	30.00	28.61	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.52	14.48	14.01	17.26	30.00	22.78	36.00
5230MHz	Pass	5.52	17.6	16.97	20.31	30.00	25.83	36.00
5270MHz	Pass	5.52	20.18	20.19	23.20	23.98	28.72	30.00
5310MHz	Pass	5.52	13.85	14.07	16.97	23.98	22.49	30.00
5510MHz	Pass	5.52	15.05	14.59	17.84	23.98	23.36	30.00
5550MHz	Pass	5.52	19.58	18.89	22.26	23.98	27.78	30.00
5670MHz	Pass	5.52	19.42	19.25	22.35	23.98	27.87	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.52	20.32	20.27	23.31	23.98	28.83	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.52	10.94	10.26	13.62	30.00	19.14	36.00
5755MHz	Pass	5.52	20.87	20.49	23.69	30.00	29.21	36.00
5795MHz	Pass	5.52	20.34	20	23.18	30.00	28.70	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.52	13.97	14.06	17.03	30.00	22.55	36.00
5290MHz	Pass	5.52	14.11	13.45	16.80	23.98	22.32	30.00
5530MHz	Pass	5.52	15.07	14.77	17.93	23.98	23.45	30.00
5610MHz	Pass	5.52	19.53	19.43	22.49	23.98	28.01	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.52	19.9	20.04	22.98	23.98	28.50	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.52	6.87	6.04	9.49	30.00	15.01	36.00
5775MHz	Pass	5.52	19.82	19.64	22.74	30.00	28.26	36.00

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

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

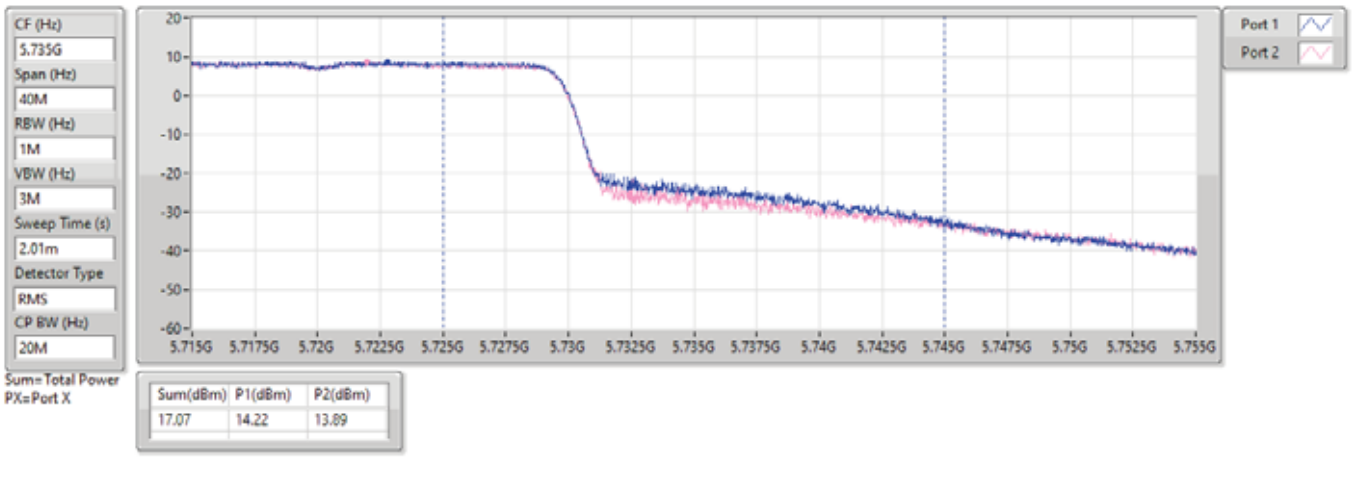
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.11	19.10	19.09

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

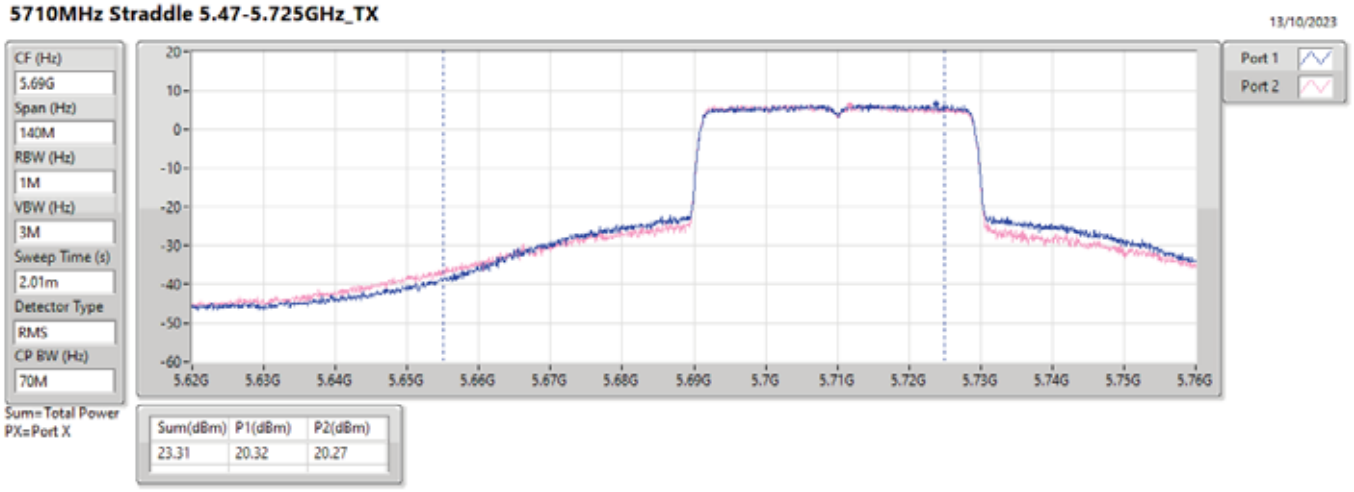
5720MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
17.07	14.22	13.89

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

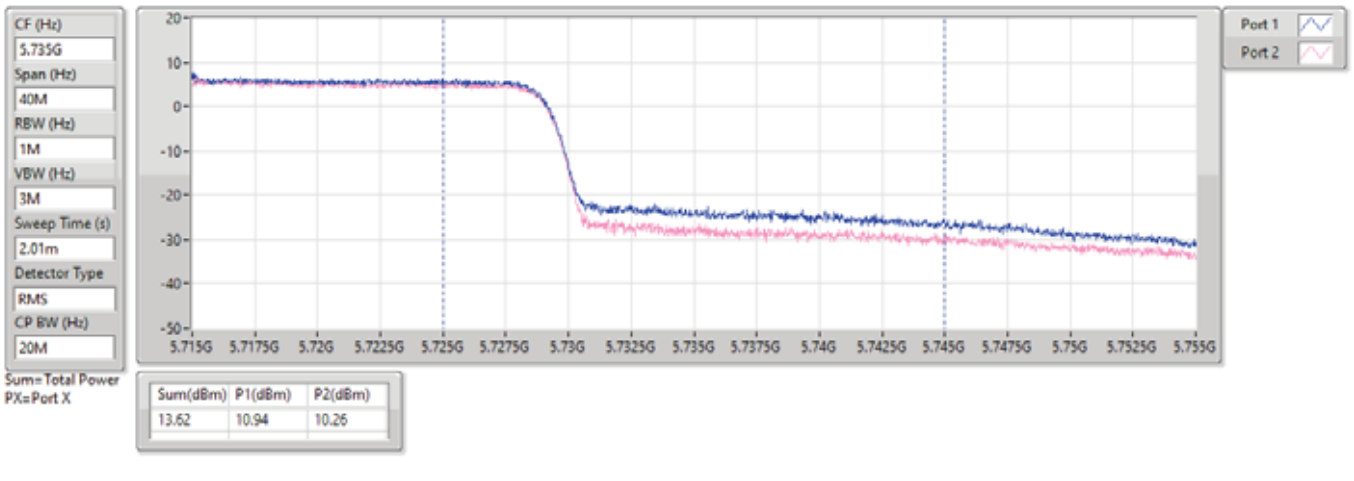
5710MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
23.31	20.32	20.27

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

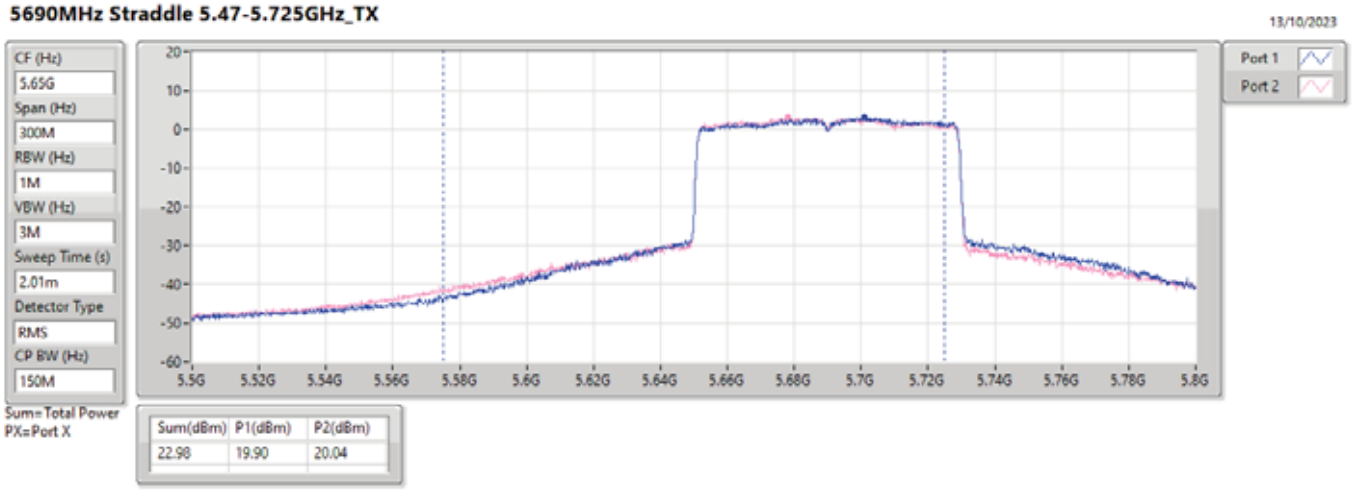
5710MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
13.62	10.94	10.26

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

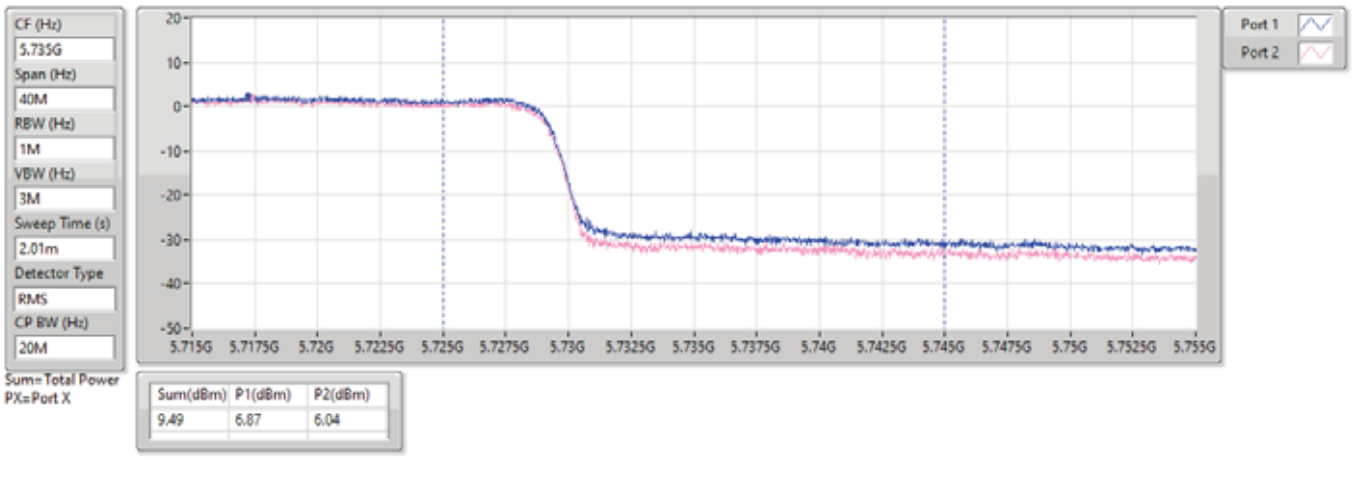
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.98	19.90	20.04

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
9.49	6.87	6.04

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.26	15.78
802.11ax HEW20_Nss1,(MCS0)_2TX	9.56	15.08
802.11ax HEW40_Nss1,(MCS0)_2TX	6.74	12.26
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.87	3.65
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.51	16.03
802.11ax HEW20_Nss1,(MCS0)_2TX	10.15	15.67
802.11ax HEW40_Nss1,(MCS0)_2TX	7.10	12.62
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.97	3.55
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.20	15.72
802.11ax HEW20_Nss1,(MCS0)_2TX	9.71	15.23
802.11ax HEW40_Nss1,(MCS0)_2TX	7.26	12.78
802.11ax HEW80_Nss1,(MCS0)_2TX	4.07	9.59
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.27	15.79
802.11ax HEW20_Nss1,(MCS0)_2TX	9.83	15.35
802.11ax HEW40_Nss1,(MCS0)_2TX	5.99	11.51
802.11ax HEW80_Nss1,(MCS0)_2TX	2.60	8.12

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

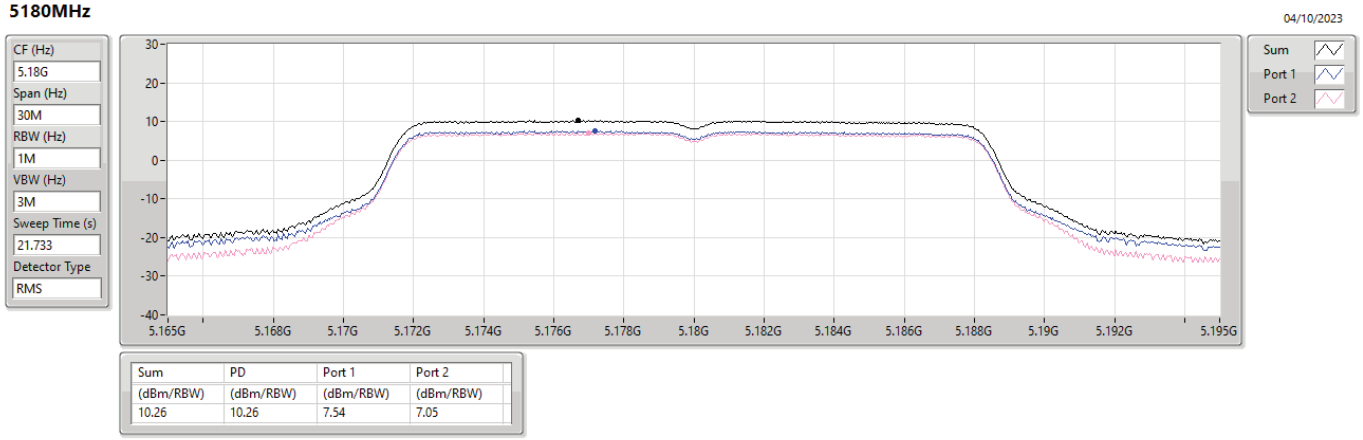
Result

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	5.52	7.54	7.05	10.26	17.00	15.78	23.00
5200MHz	Pass	5.52	7.30	6.80	10.00	17.00	15.52	23.00
5240MHz	Pass	5.52	7.12	6.47	9.68	17.00	15.20	23.00
5260MHz	Pass	5.52	7.98	7.21	10.51	11.00	16.03	17.00
5300MHz	Pass	5.52	7.73	6.69	10.14	11.00	15.66	17.00
5320MHz	Pass	5.52	7.65	6.77	10.11	11.00	15.63	17.00
5500MHz	Pass	5.52	5.34	5.09	8.08	11.00	13.60	17.00
5580MHz	Pass	5.52	6.32	5.95	9.10	11.00	14.62	17.00
5700MHz	Pass	5.52	4.88	5.10	7.97	11.00	13.49	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.52	7.28	7.40	10.20	11.00	15.72	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.52	5.54	5.53	8.52	30.00	14.04	36.00
5745MHz	Pass	5.52	7.57	7.06	10.27	30.00	15.79	36.00
5785MHz	Pass	5.52	7.09	6.33	9.61	30.00	15.13	36.00
5825MHz	Pass	5.52	5.97	5.66	8.69	30.00	14.21	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.52	5.99	5.44	8.70	17.00	14.22	23.00
5200MHz	Pass	5.52	6.86	6.35	9.56	17.00	15.08	23.00
5240MHz	Pass	5.52	6.69	6.32	9.49	17.00	15.01	23.00
5260MHz	Pass	5.52	7.59	6.70	10.15	11.00	15.67	17.00
5300MHz	Pass	5.52	7.26	6.42	9.85	11.00	15.37	17.00
5320MHz	Pass	5.52	6.13	5.28	8.73	11.00	14.25	17.00
5500MHz	Pass	5.52	4.77	4.45	7.61	11.00	13.13	17.00
5580MHz	Pass	5.52	5.85	5.34	8.60	11.00	14.12	17.00
5700MHz	Pass	5.52	2.18	2.50	5.35	11.00	10.87	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.52	6.81	6.65	9.71	11.00	15.23	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.52	5.18	4.86	8.03	30.00	13.55	36.00
5745MHz	Pass	5.52	7.15	6.58	9.83	30.00	15.35	36.00
5785MHz	Pass	5.52	6.56	5.79	9.18	30.00	14.70	36.00
5825MHz	Pass	5.52	5.41	5.11	8.26	30.00	13.78	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.52	-1.28	-2.20	1.26	17.00	6.78	23.00
5230MHz	Pass	5.52	4.07	3.35	6.74	17.00	12.26	23.00
5270MHz	Pass	5.52	4.08	4.12	7.10	11.00	12.62	17.00
5310MHz	Pass	5.52	-2.19	-2.14	0.85	11.00	6.37	17.00
5510MHz	Pass	5.52	-0.94	-1.50	1.79	11.00	7.31	17.00
5550MHz	Pass	5.52	3.68	2.89	6.31	11.00	11.83	17.00
5670MHz	Pass	5.52	3.38	3.12	6.25	11.00	11.77	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.52	4.48	4.14	7.26	11.00	12.78	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.52	2.61	2.02	5.28	30.00	10.80	36.00
5755MHz	Pass	5.52	3.17	2.85	5.99	30.00	11.51	36.00
5795MHz	Pass	5.52	2.84	2.36	5.61	30.00	11.13	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.52	-4.88	-4.83	-1.87	17.00	3.65	23.00
5290MHz	Pass	5.52	-4.61	-5.30	-1.97	11.00	3.55	17.00
5530MHz	Pass	5.52	-3.58	-3.80	-0.68	11.00	4.84	17.00
5610MHz	Pass	5.52	1.17	1.08	4.06	11.00	9.58	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.52	0.99	1.18	4.07	11.00	9.59	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.52	-1.30	-2.02	1.25	30.00	6.77	36.00
5775MHz	Pass	5.52	-0.31	-0.52	2.60	30.00	8.12	36.00

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

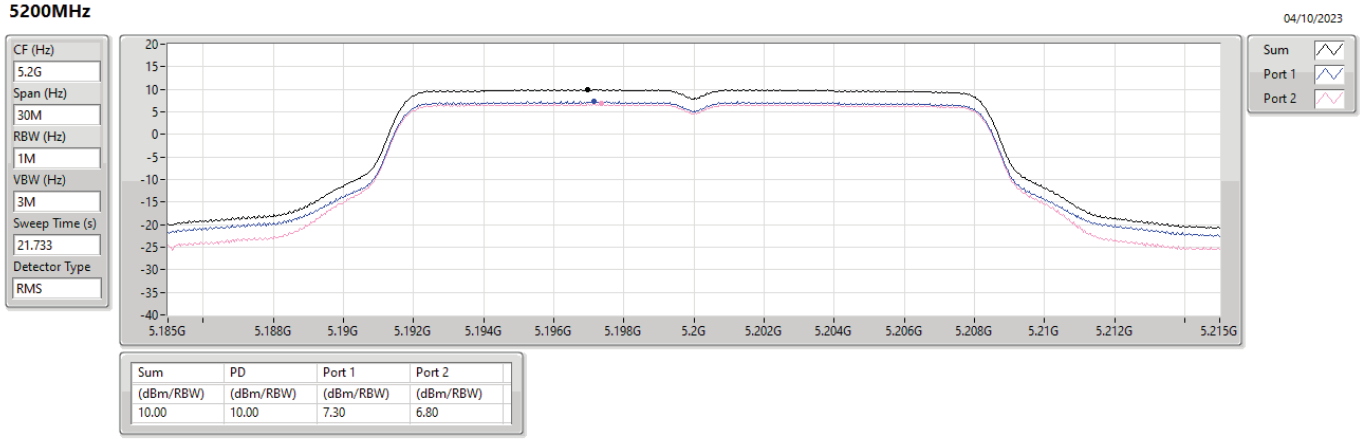
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	7.54	7.05

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

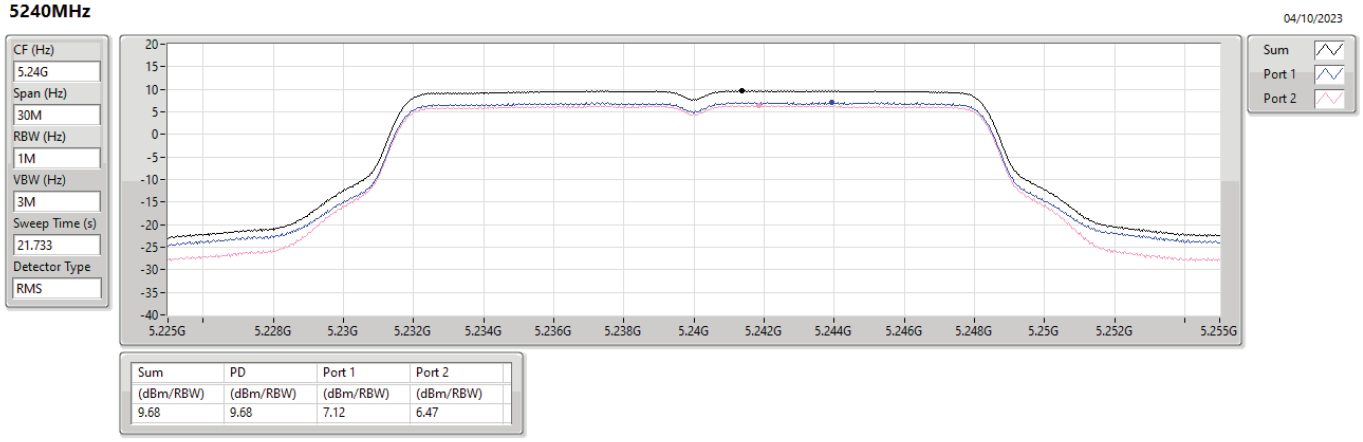
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	7.30	6.80

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

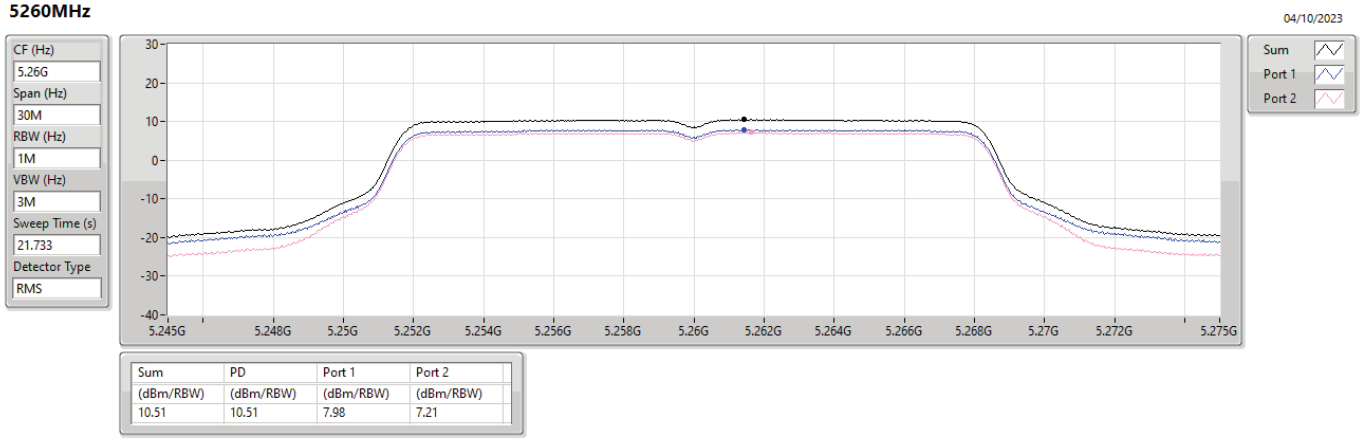
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	7.12	6.47

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

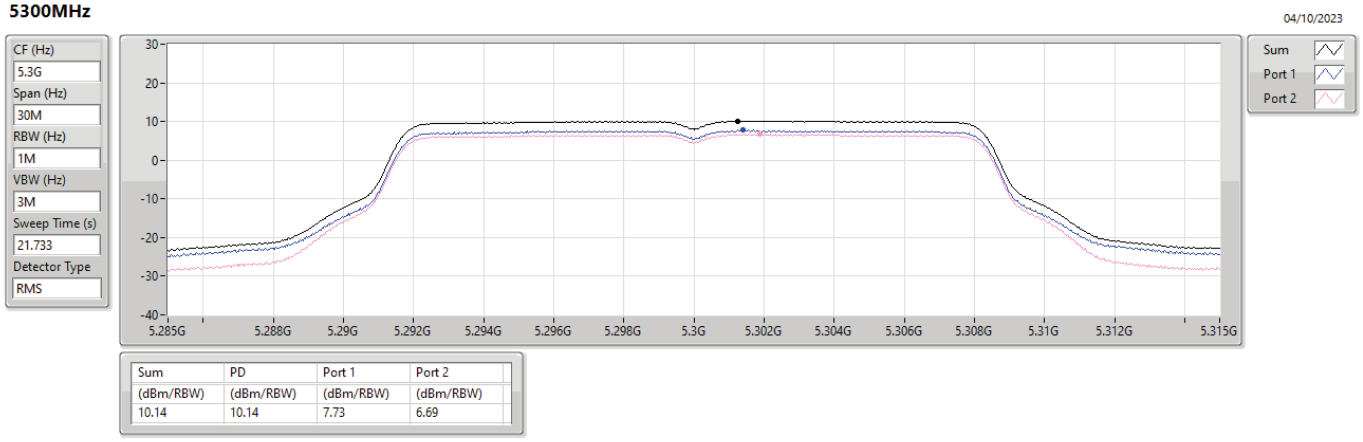
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	7.98	7.21

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

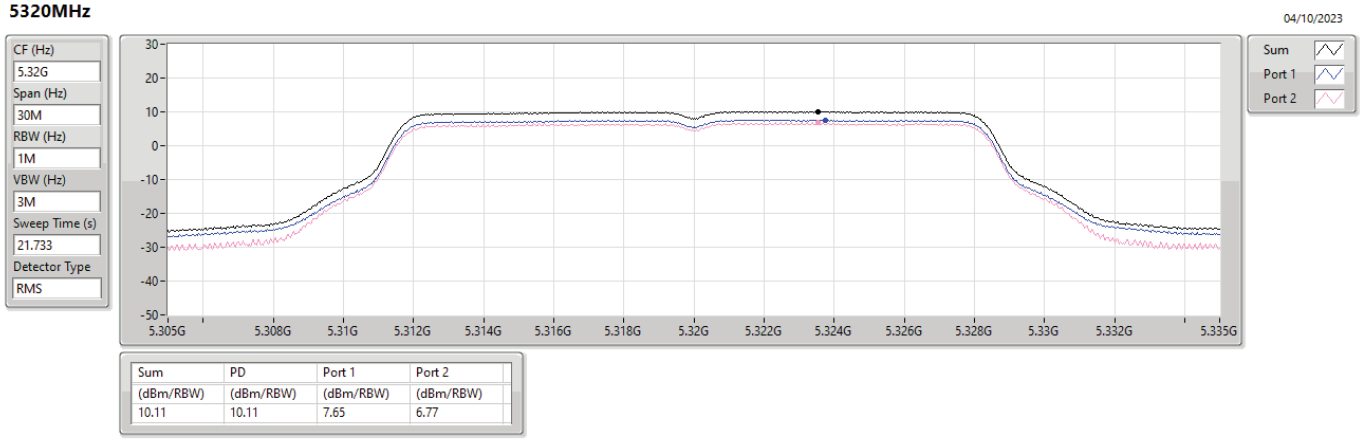
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	7.73	6.69

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

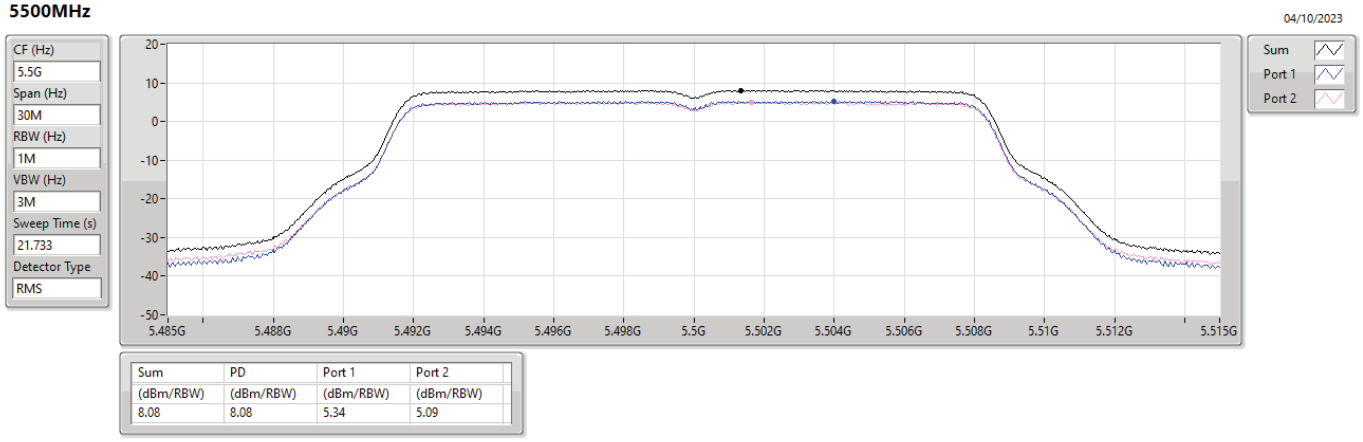
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	10.11	7.65	6.77

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

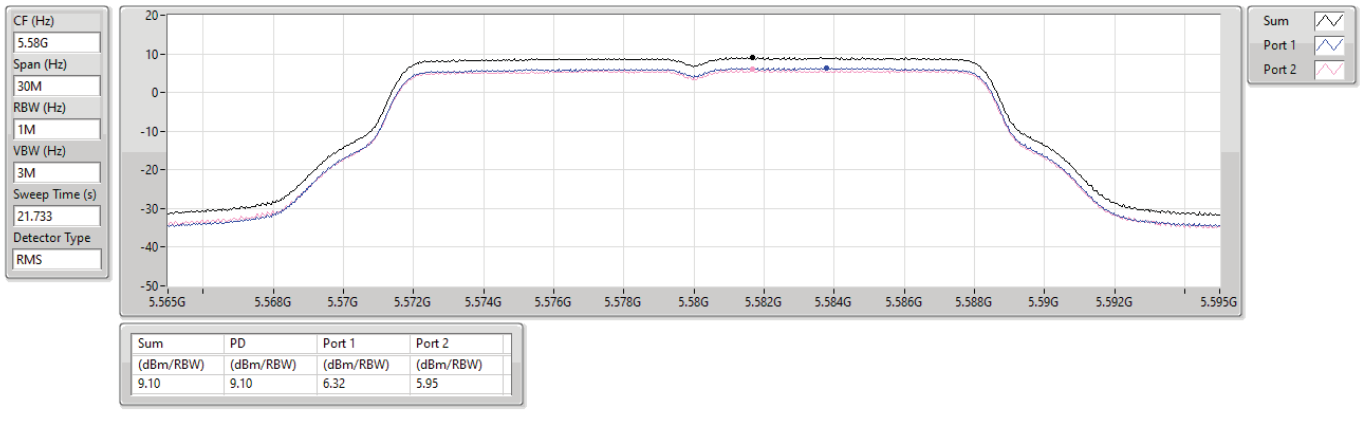
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	5.34	5.09

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

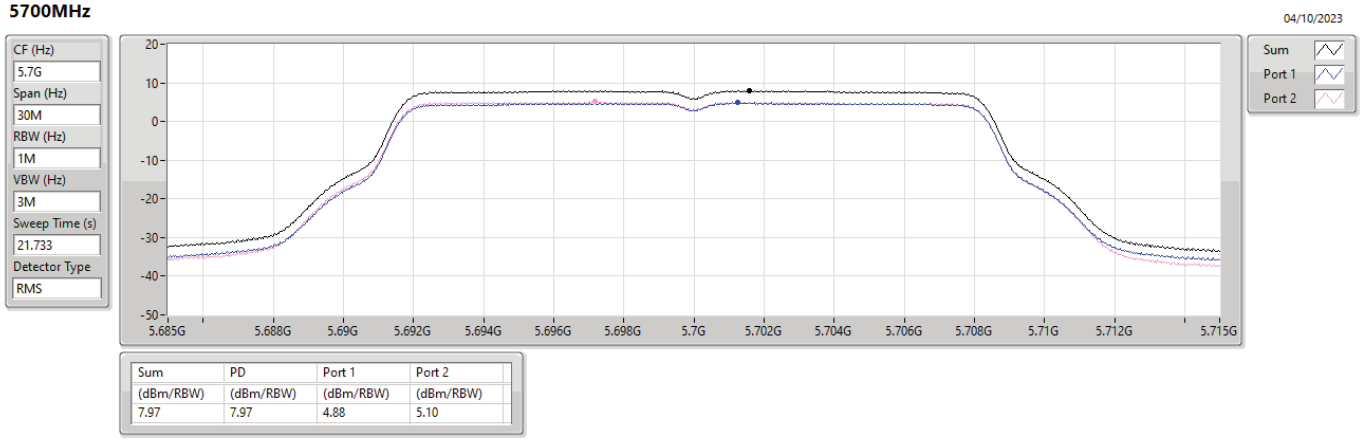
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.10	9.10	6.32	5.95

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

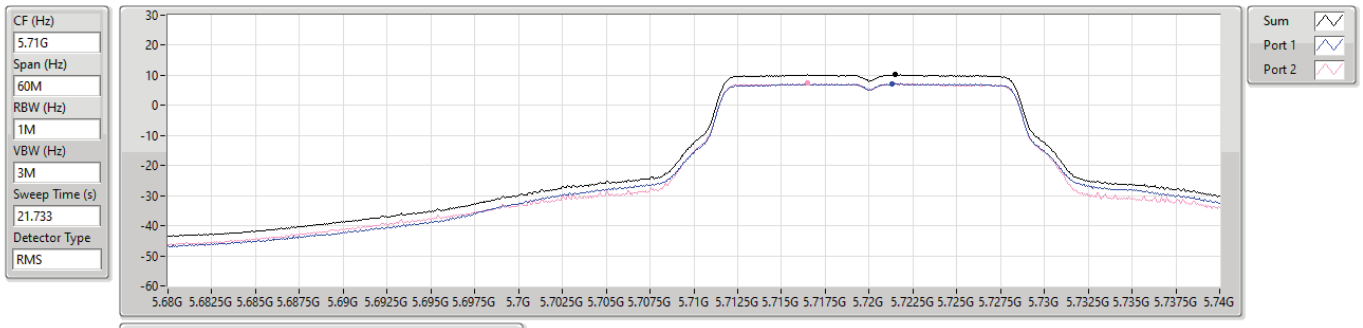
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	4.88	5.10

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

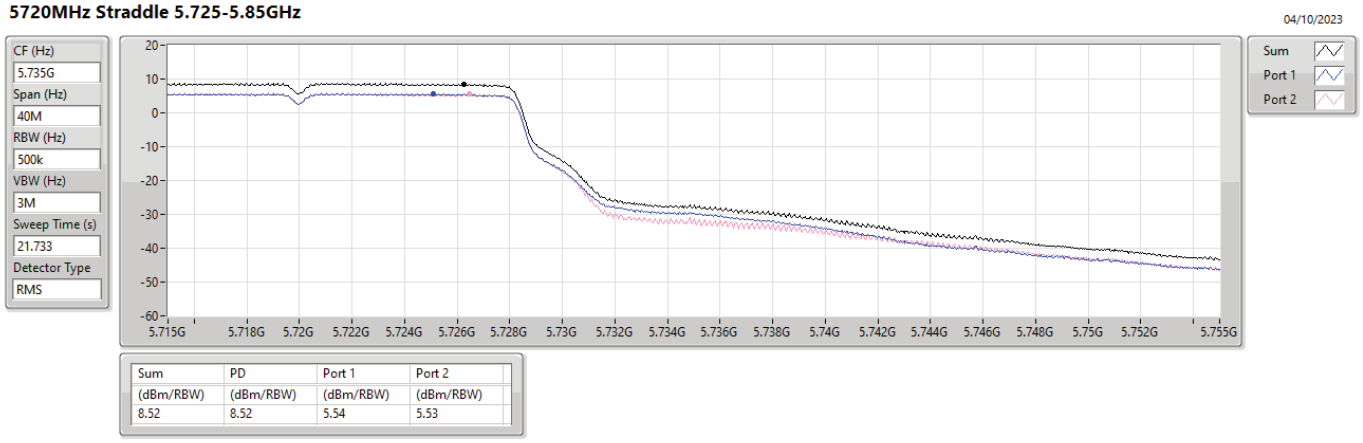
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.28	7.40

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

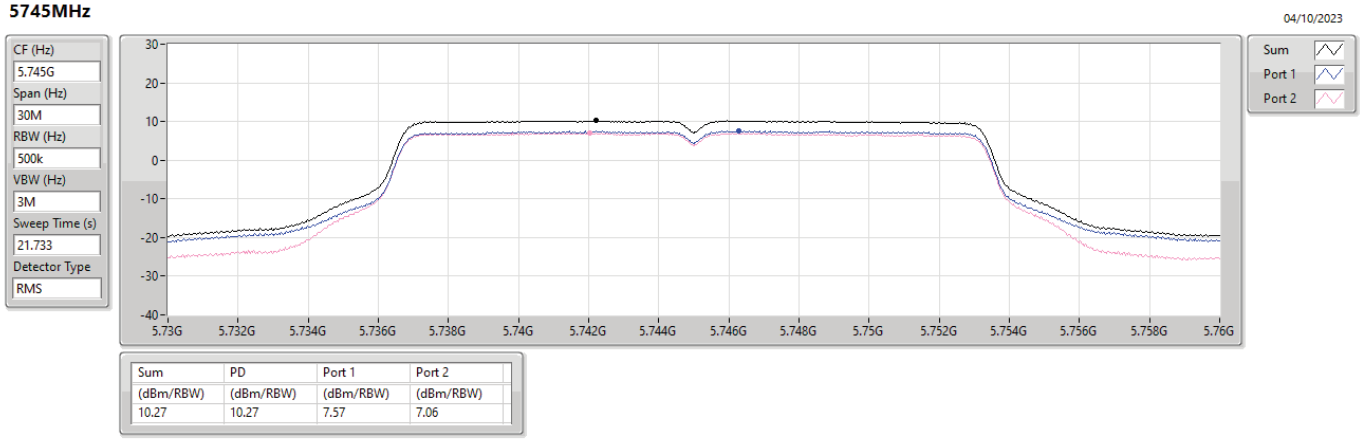
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	5.54	5.53

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

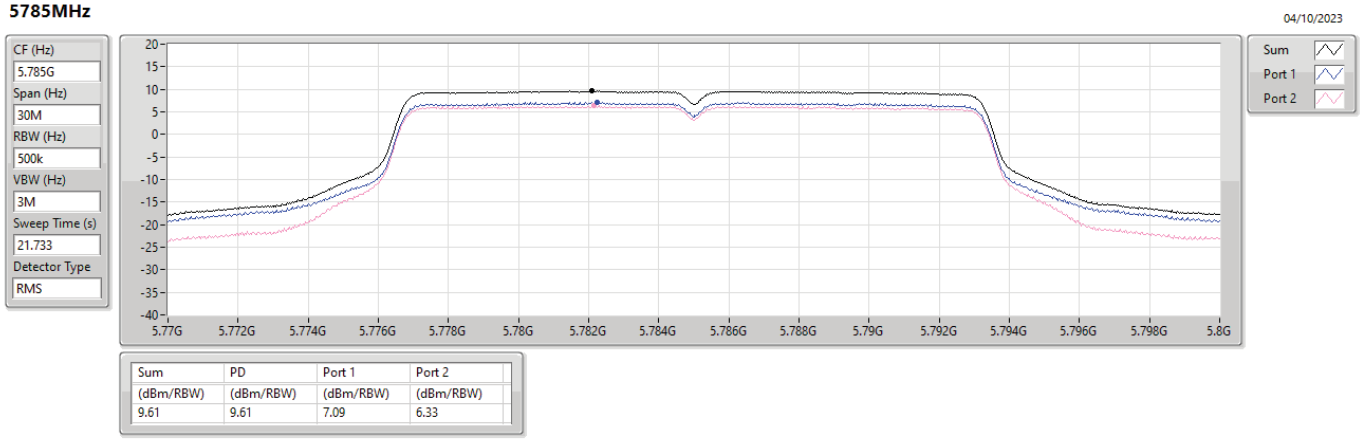
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.57	7.06

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

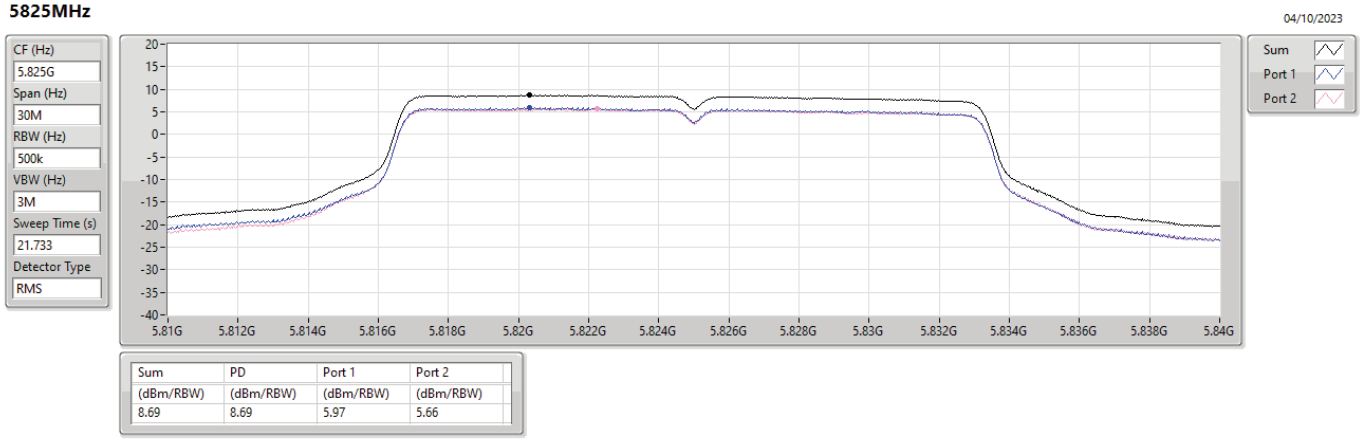
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	7.09	6.33

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

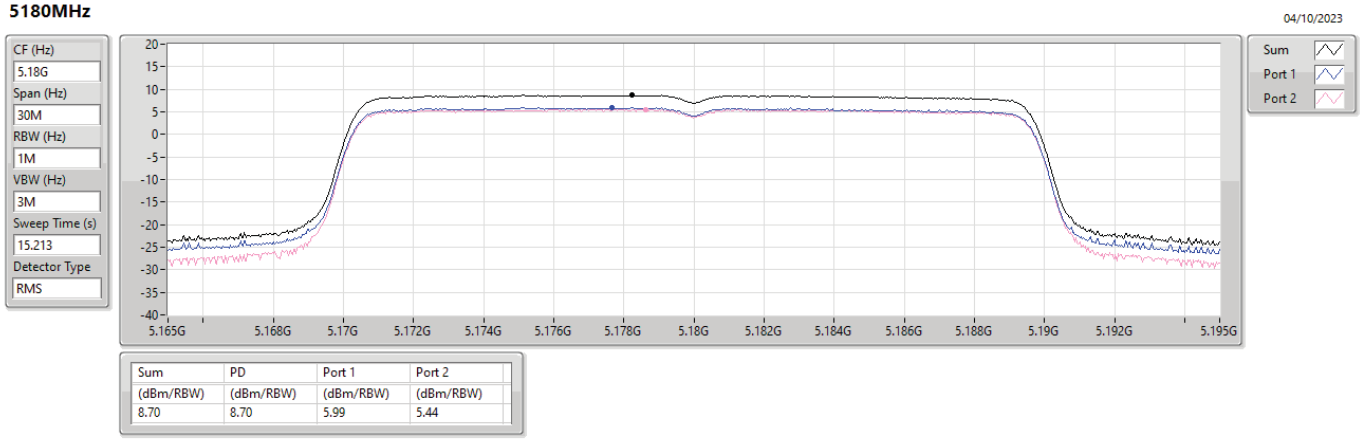
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	5.97	5.66

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

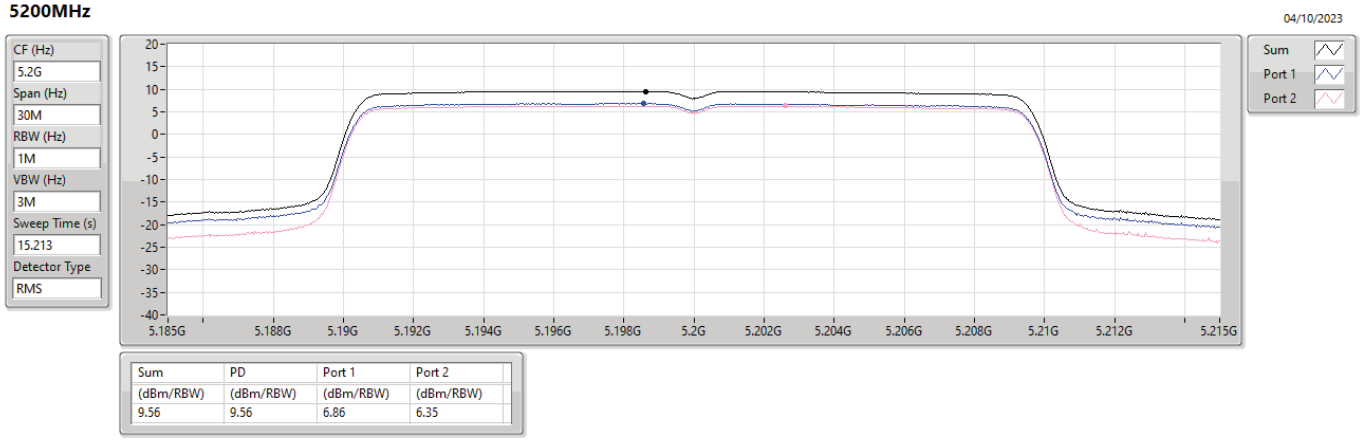
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	5.99	5.44

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

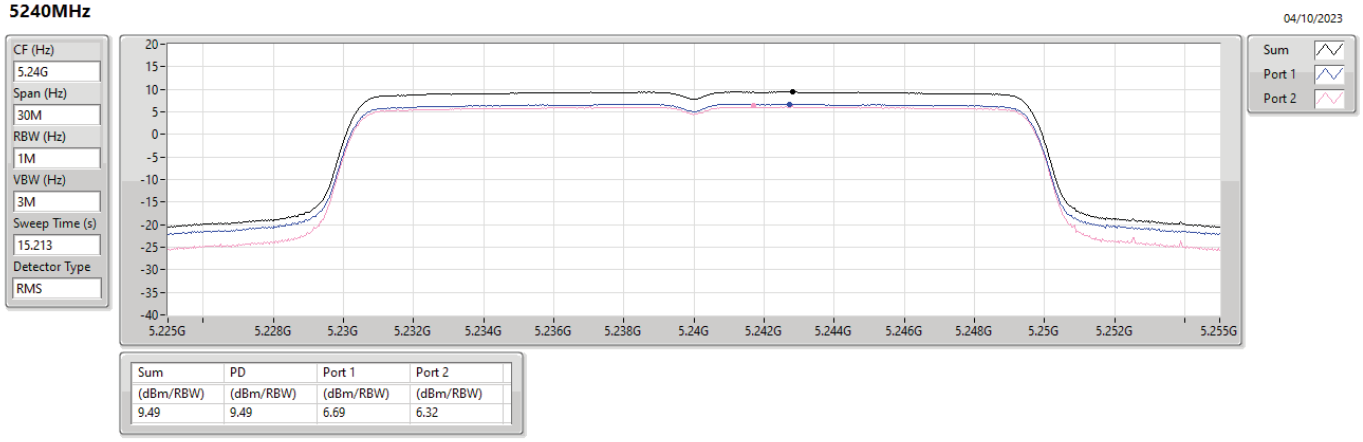
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	6.86	6.35

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

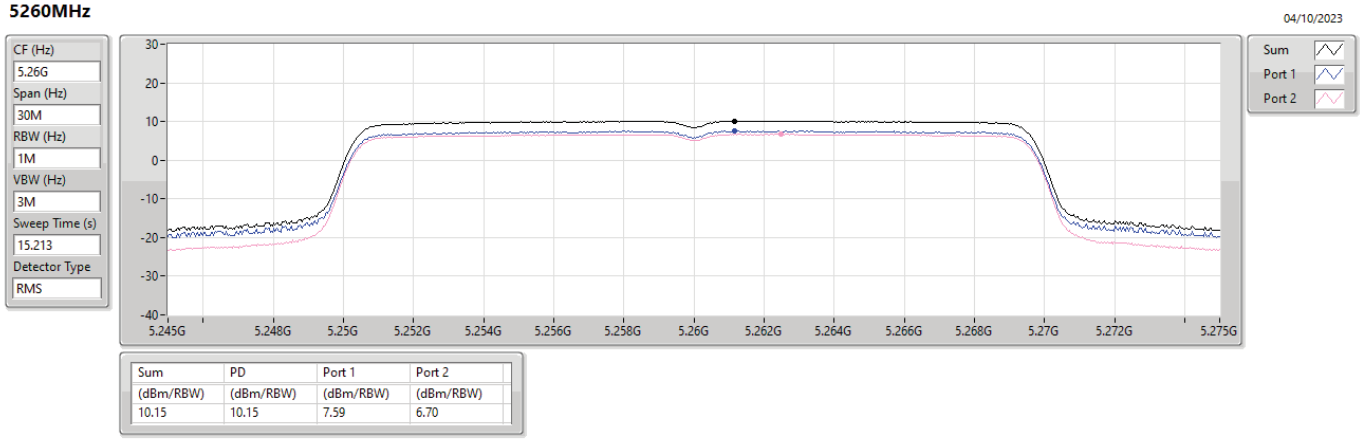
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	6.69	6.32

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

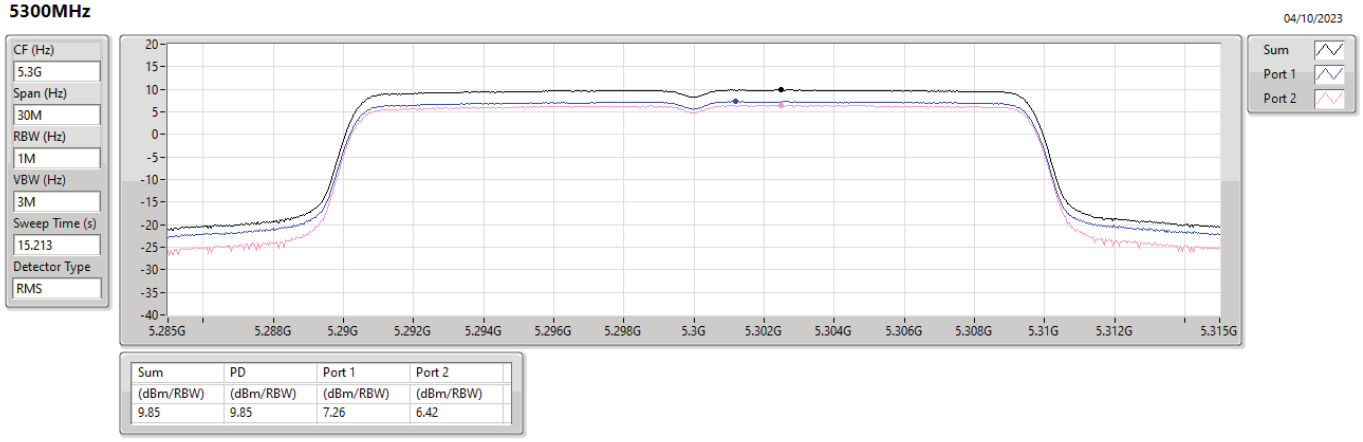
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	7.59	6.70

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

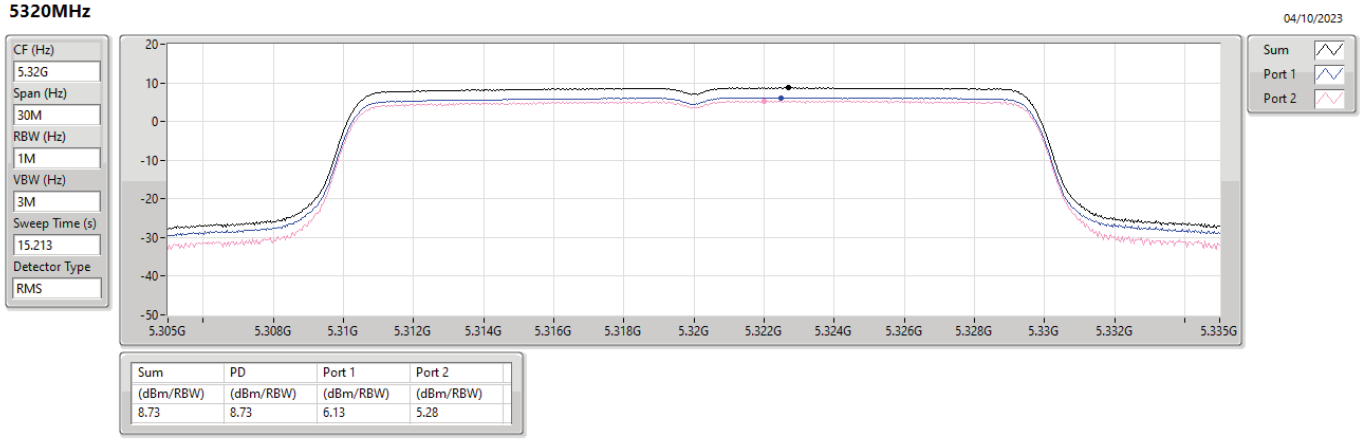
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	7.26	6.42

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

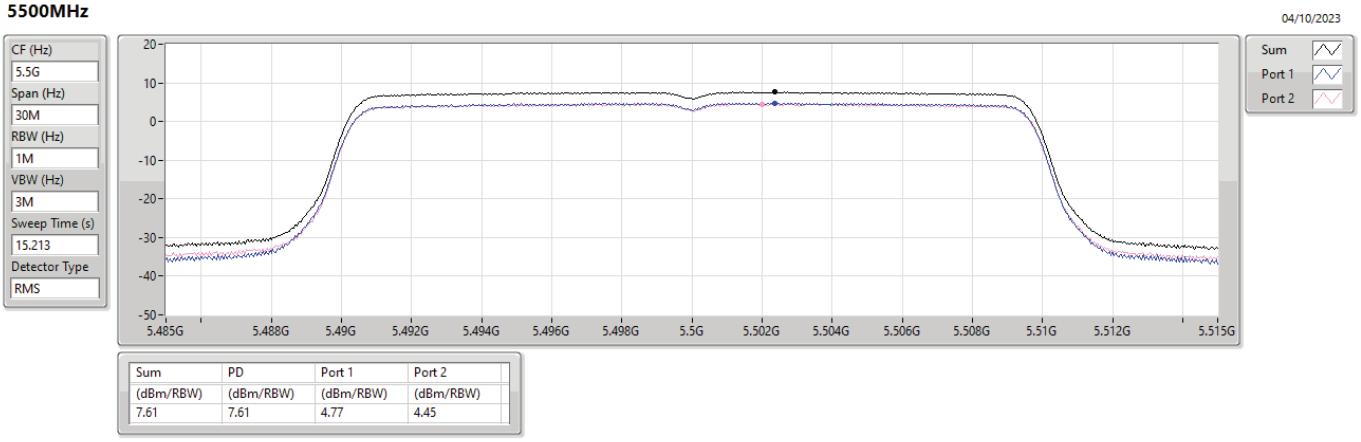
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	6.13	5.28

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

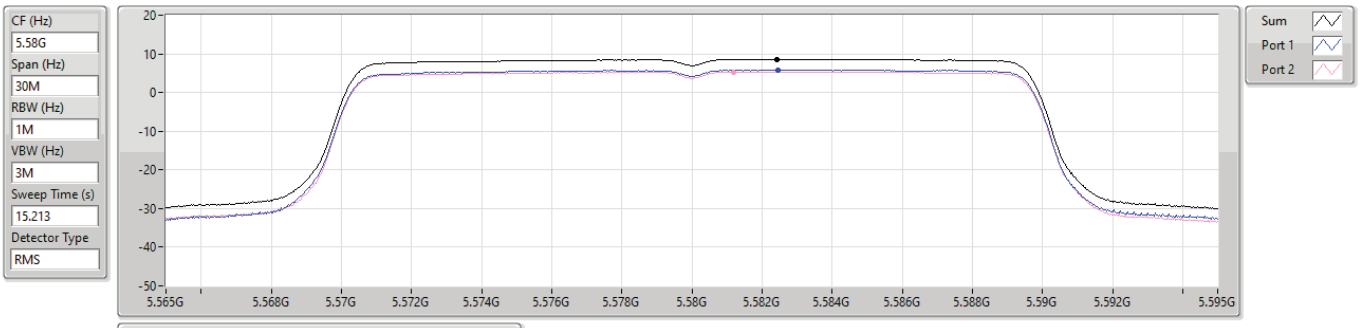
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	4.77	4.45

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

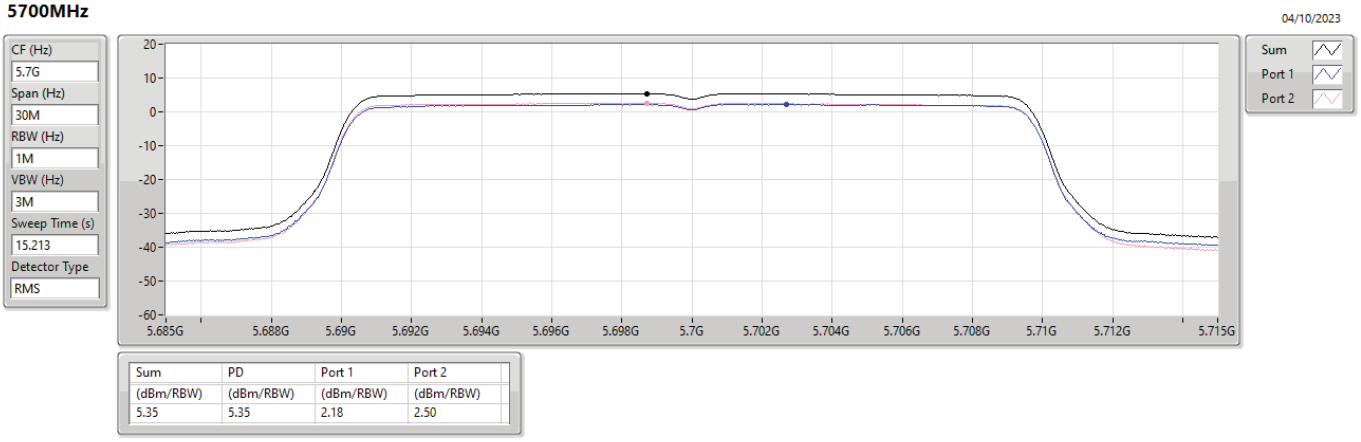
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	5.85	5.34

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

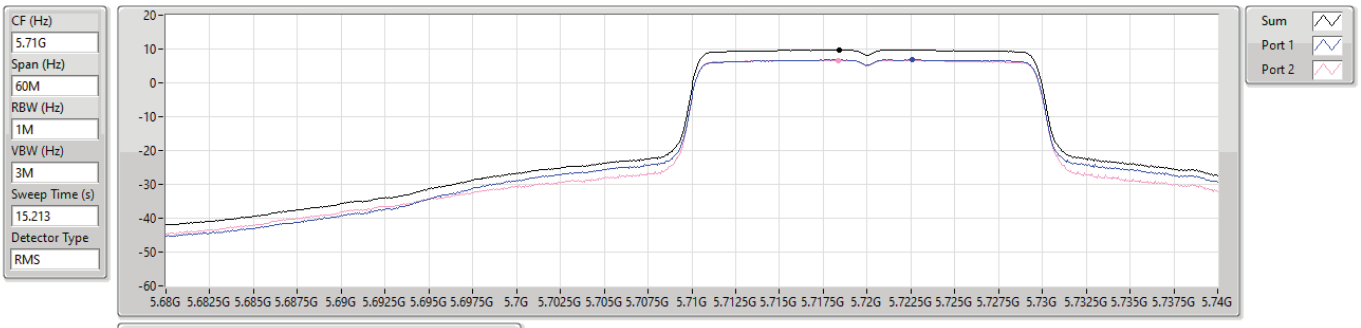
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	2.18	2.50

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

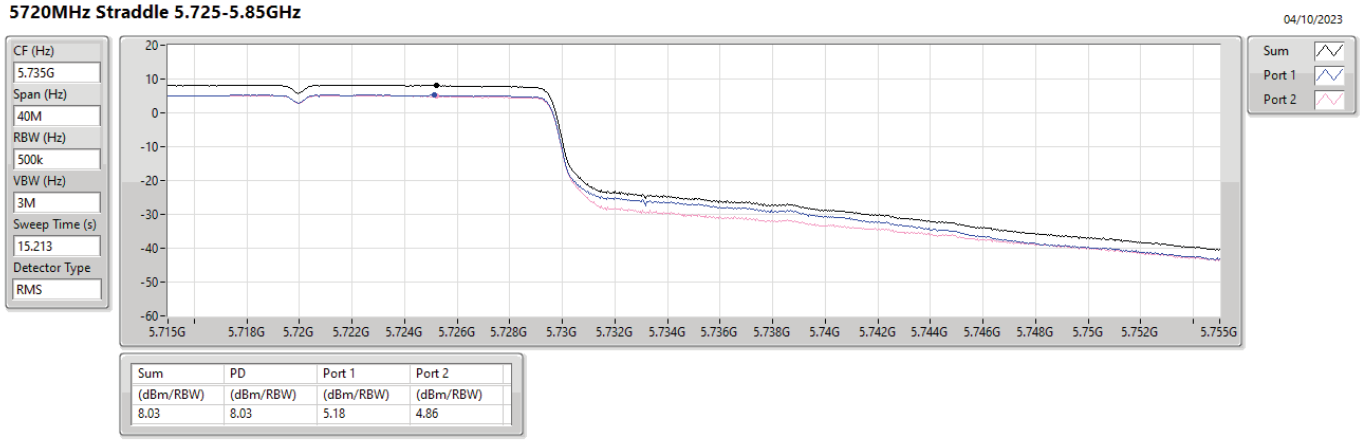
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	6.81	6.65

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

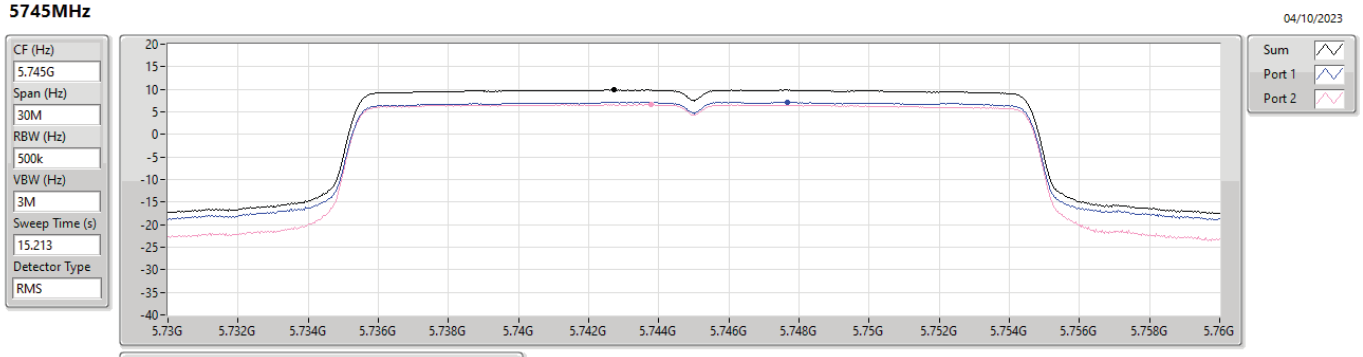
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	5.18	4.86

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

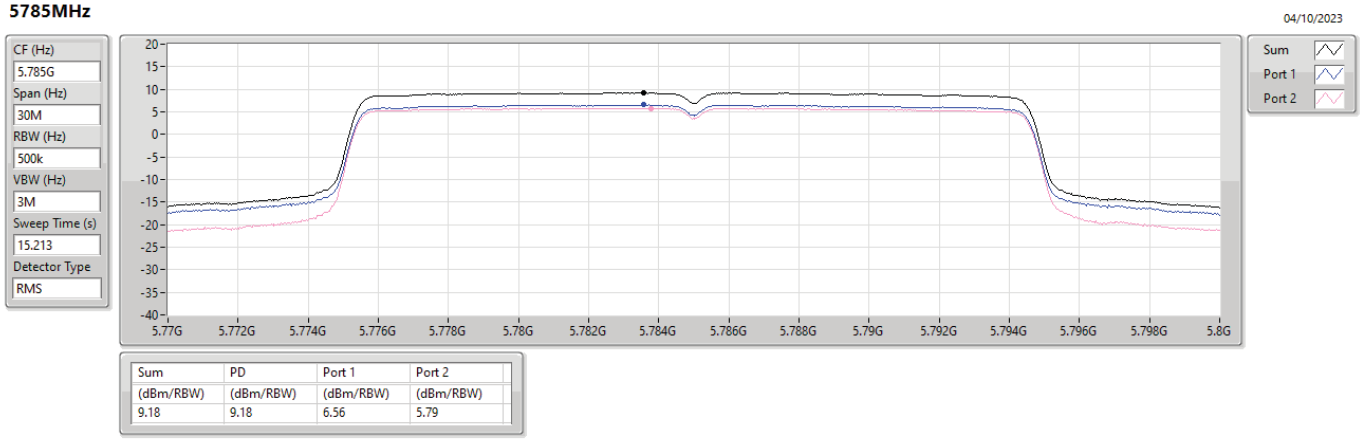
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	7.15	6.58

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

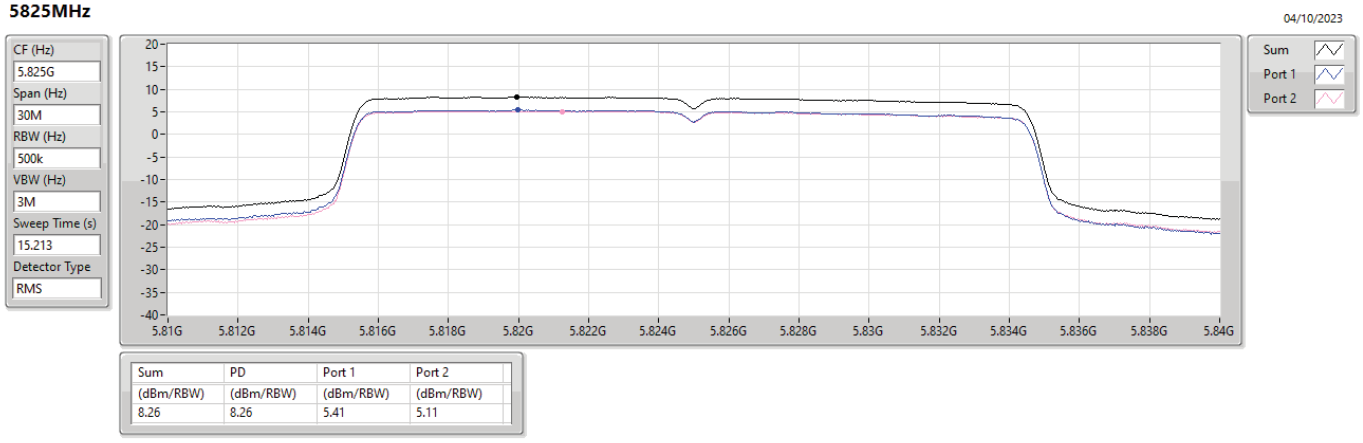
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.56	5.79

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

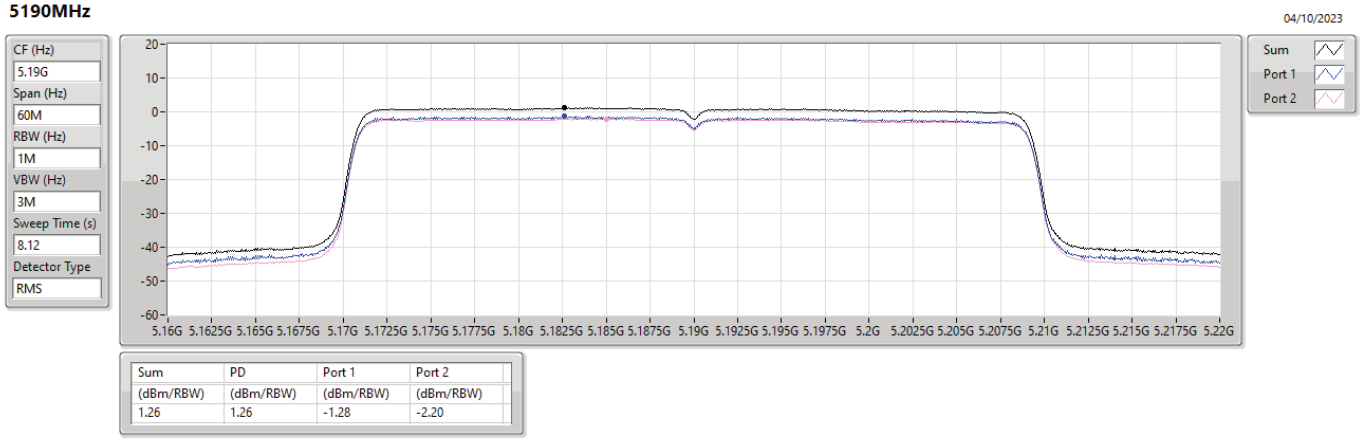
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	5.41	5.11

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

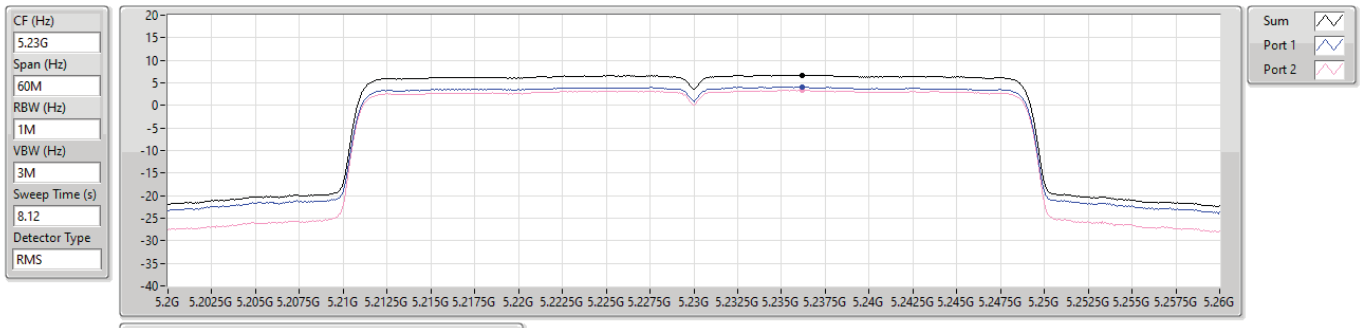
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-1.28	-2.20

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

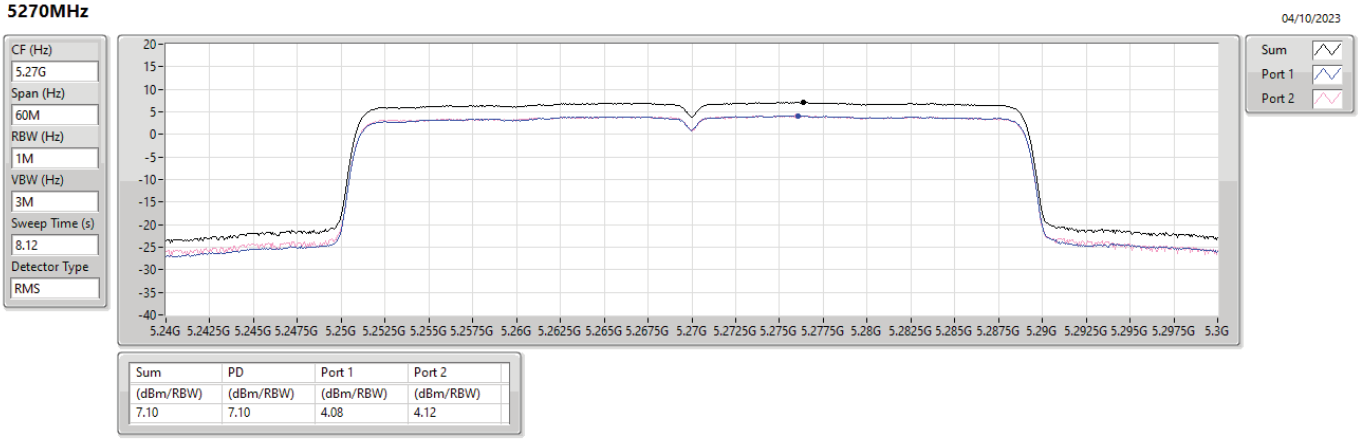
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	4.07	3.35

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

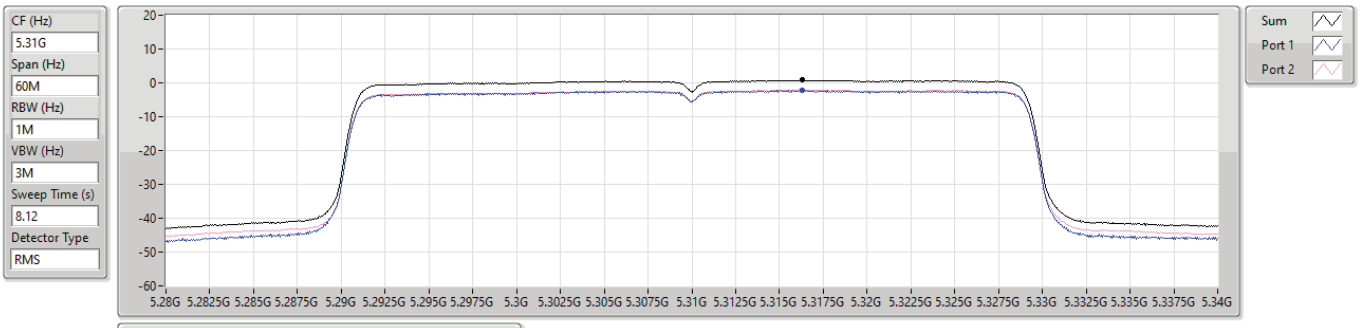
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	4.08	4.12

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

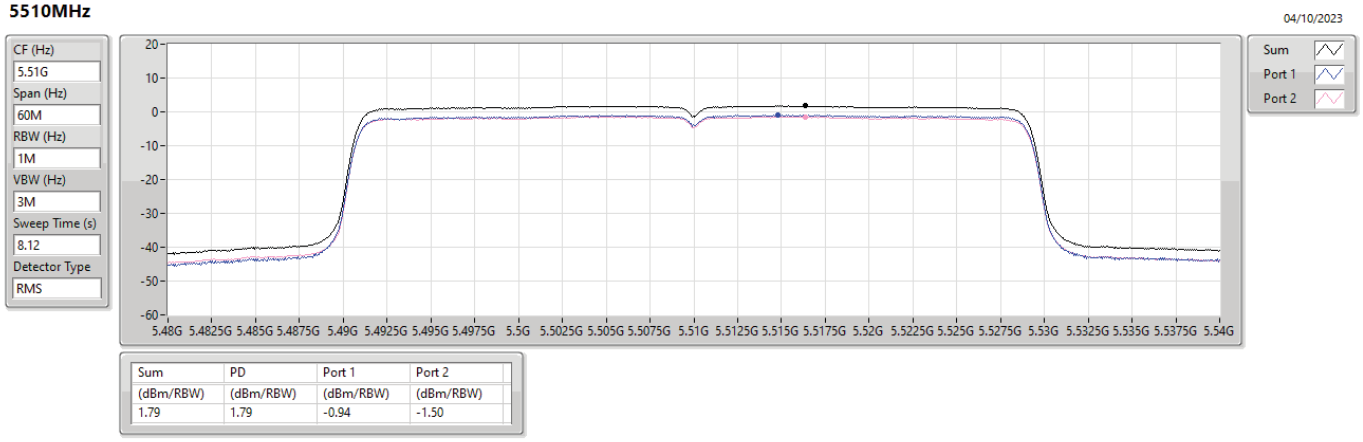
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.85	0.85	-2.19	-2.14

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

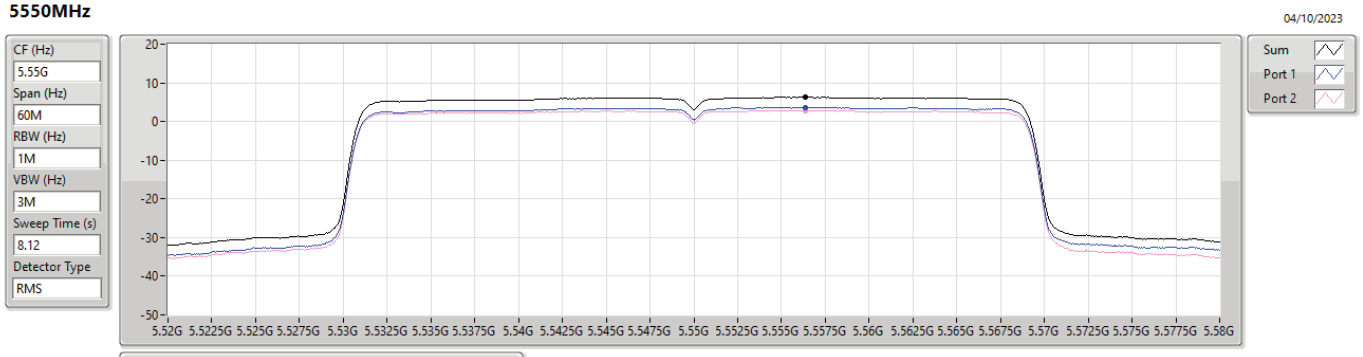
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-0.94	-1.50

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

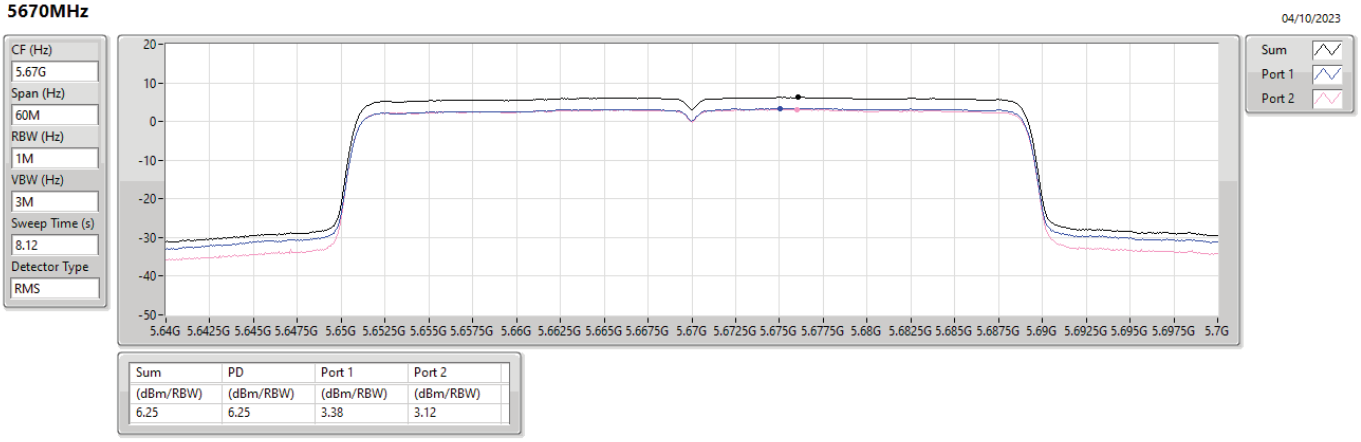
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	3.68	2.89

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

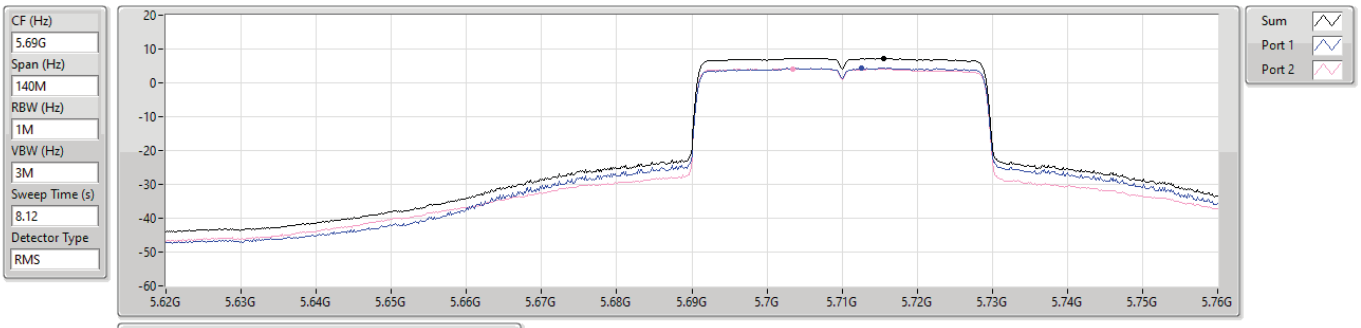
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.25	6.25	3.38	3.12

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

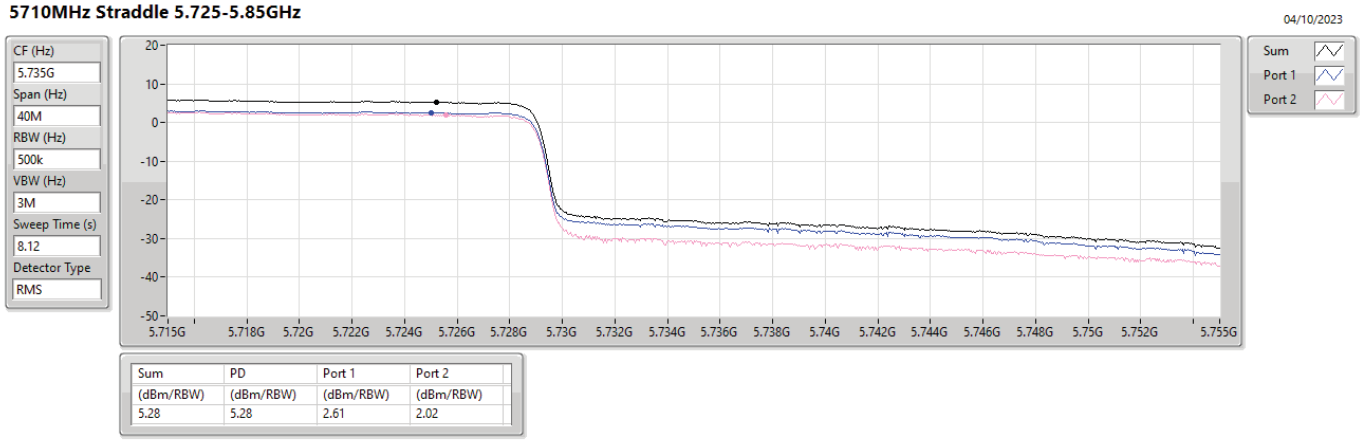
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	4.48	4.14

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

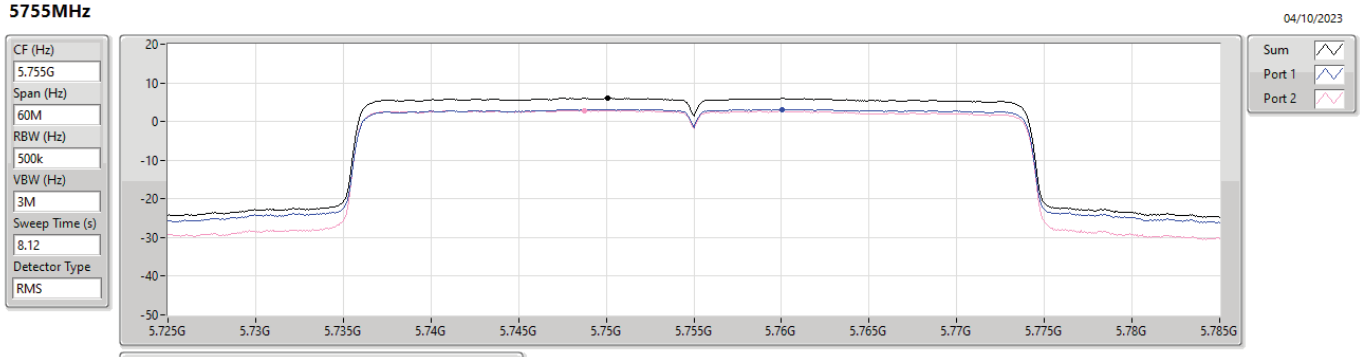
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.28	5.28	2.61	2.02

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

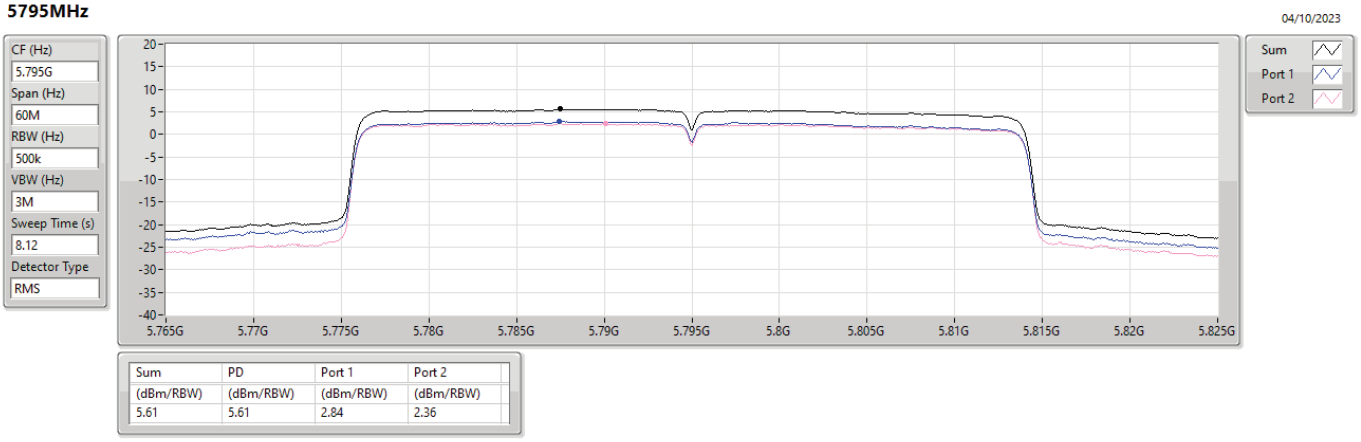
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	3.17	2.85

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

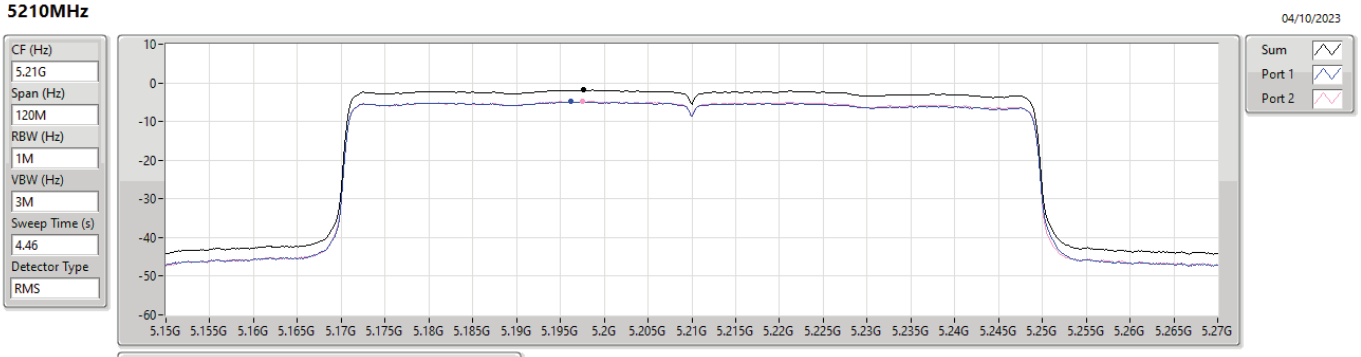
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	2.84	2.36

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

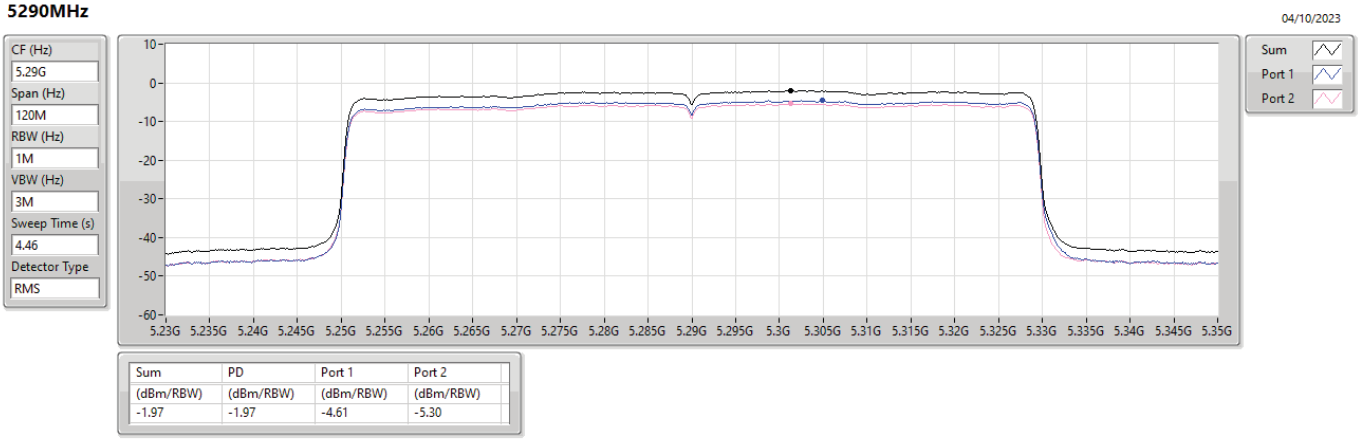
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.87	-1.87	-4.88	-4.83

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

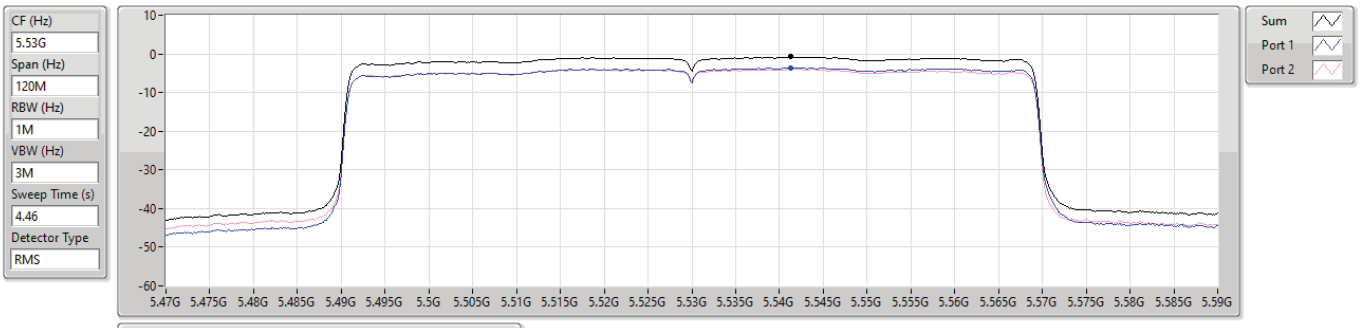
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.97	-1.97	-4.61	-5.30

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

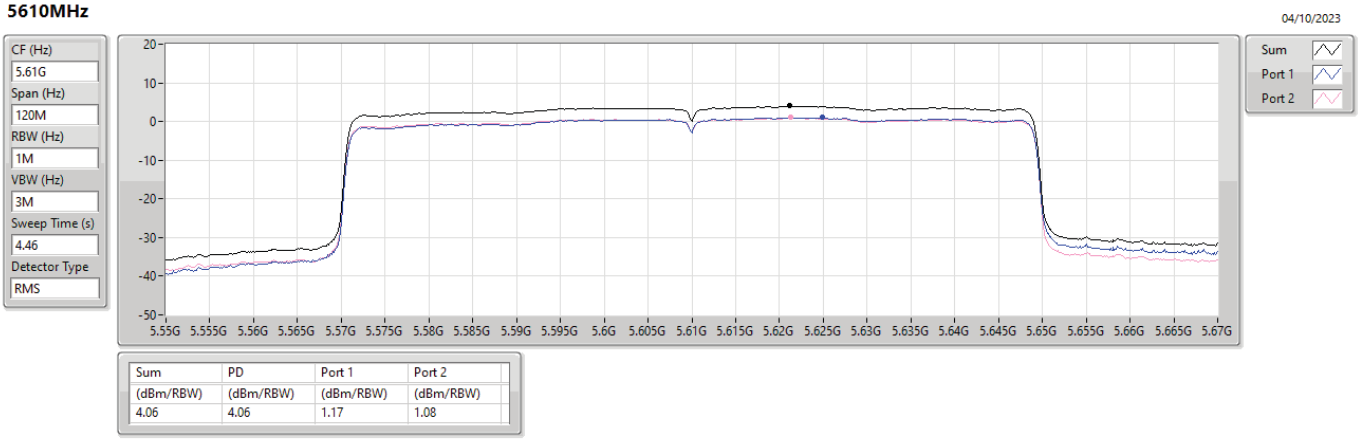
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-3.58	-3.80

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

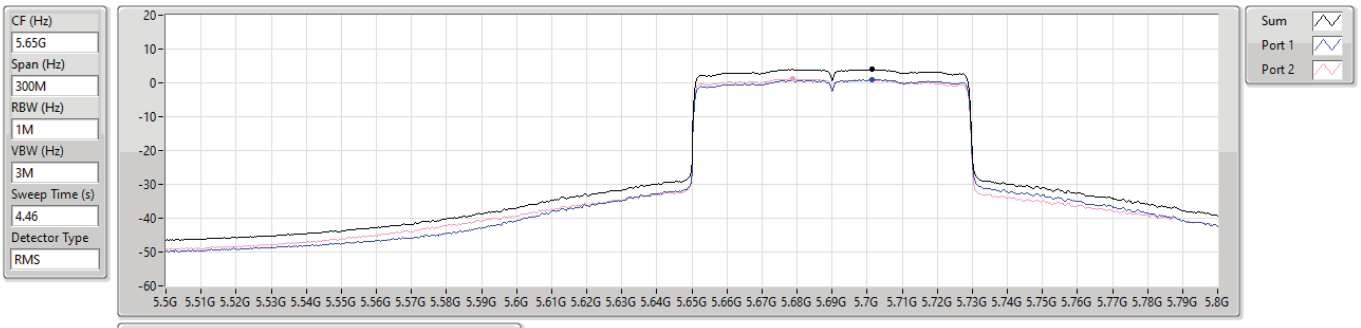
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.06	4.06	1.17	1.08

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	0.99	1.18