FCC Radio Test Report

FCC ID	:	**L9VPRT6351**
Equipment	:	**Home Gateway**
Brand Name	:	**COMTREND**
Model Name	:	**PRT-6351, WR-2412u**
Applicant/ Manufacturer	:	**COMTREND Corporation 3F-1, 10 Lane 609, Chung Hsin Road, Section 5, San Chung Dist, New Taipei City 24159, Taiwan**
Factory 1	:	**Datamax Electronics (Dong Guan) Co., Ltd. Niu shan Foreign Economic Industrial park, Dong Cheng District, Dong Guan City, Guang Dong , China.**
Factory 2	:	**GIANTA CO., LTD No.130,Sec2,Yangxin Rd.,Yang Mei Dist,Taoyuan City326,Taiwan**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jan. 11, 2023, and testing was started from Feb. 16, 2023 and completed on Mar. 28, 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.

Jackson Tsai

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR310610AN	01	Initial issue of report	Jun. 14, 2023

Summary of Test Result

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

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

Reviewed by: Ben Tseng

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]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	WHA YU	C1881-510014-A(SRF20221849)	Metal Dipole	I-Pex	2.4GHz + 5GHz
2	WHA YU	C1881-510015-A(SRF20221850)	Metal Dipole	I-Pex	2.4GHz + 5GHz
3	WHA YU	C1881-510016-A(SRF20221851)	Metal Dipole	I-Pex	5GHz
4	WHA YU	C1881-510017-A(SRF20221860)	Metal Dipole	I-Pex	5GHz
5	WHA YU	C1881-510018-A(SRF20221861)	PCB	I-Pex	6GHz
6	WHA YU	C1881-510019-A(SRF20221862)	PCB	I-Pex	6GHz

Ant.	Port	Gain (dBi)									
		2.4GHz	5GHz				6GHz				
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3	5925 (MHz)	6425 (MHz)	6525 (MHz)	6875 (MHz)	7125 (MHz)
1	1	3.06	-	-	-	-	-	-	-	-	-
2	2	3.24	-	-	-	-	-	-	-	-	-
1	2	-	2.44	2.70	3.24	3.62					
2	1	-	1.70	1.98	3.79	3.95					
3	4	-	3.08	2.82	2.93	3.89	-	-	-	-	-
4	3	-	3.91	3.15	3.28	4.42	-	-	-	-	-
5	2	-	-	-	-	-	4.08	4.33	4.25	4.72	4.92
6	1	-	-	-	-	-	4.64	4.70	4.07	5.05	4.89

Composite Gain (dBi)					
Correlated TX / Streams	2.4GHz	5GHz			
		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
2T1S (Ant 1/2)	3.33	-	-	-	-
2T2S (Ant 1/2)	3.24	-	-	-	-
4T1S (Ant 1/2/3/4)	-	4.24	3.73	3.96	4.49
4T2S (Ant 1/2/3/4)	-	3.91	3.15	3.79	4.42
4T4S (Ant 1/2/3/4)	-	3.91	3.15	3.79	4.42

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 AP310610.

For 2.4GHz function:
For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX)
Ant. 1 (port 1) ~ Ant. 2 (port 2) could transmit/receive simultaneously.

For 5GHz function:
For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)
Ant. 1 (port 1) ~ Ant. 4 (port 3) could transmit/receive simultaneously.

For 6GHz function:
For IEEE 802.11 a/ax mode (2TX/2RX)
Ant. 5 (port 2) ~ Ant. 6 (port 1) could transmit/receive simultaneously.

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.947	0.24	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.967	0.15	790u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.937	0.28	409.375u	3k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.894	0.49	236.563u	10k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.947	0.24	2.064m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.967	0.15	790u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.937	0.28	409.375u	3k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.894	0.49	236.563u	10k

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

1.1.5 Table for Multiple Listing

Model Name	Description
PRT-6351	All the models are identical, the difference model served as marketing strategy.
WR-2412u	

Note: PRT-6351 was measured during the test.

1.2 Testing Applied Standards

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

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

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

- KDB 662911 D01 v02r01
- KDB 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	Wayne Chiu	22.4~23.3°C / 53~56%	16/Mar/2023
RF Conducted	TH01-HY	Johnny Yu	22.1~23.7°C / 52~59%	23/Feb/2023~28/Mar/2023
Radiated	03CH02-HY	Ivan Chung	21.2~22.3°C / 47~54%	16/Feb/2023~15/Mar/2023
Radiated (Co-location)	03CH03-HY	Bart Chen	21.5~22°C / 49~53.5%	09/Mar/2023
☐ Wen 33rd.St. (**TAF:** 3785)	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	AccessMTool_3_3_0_1

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	98
5200MHz	96
5240MHz	96
5260MHz	69
5300MHz	68
5320MHz	70
5500MHz	71
5580MHz	71
5700MHz	66
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
5745MHz	97
5785MHz	97
5825MHz	108
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	97
5200MHz	94
5240MHz	94
5260MHz	68
5300MHz	67
5320MHz	70
5500MHz	71
5580MHz	70
5700MHz	64
5720MHz Straddle 5.47-5.725GHz	70
5720MHz Straddle 5.725-5.85GHz	70
5745MHz	96
5785MHz	96

Mode	Power Setting
5825MHz	108
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	82
5230MHz	94
5270MHz	68
5310MHz	70
5510MHz	72
5550MHz	71
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	94
5795MHz	94
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	78
5290MHz	71
5530MHz	73
5610MHz	68
5690MHz Straddle 5.47-5.725GHz	69
5690MHz Straddle 5.725-5.85GHz	69
5775MHz	97
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	71
5250MHz Straddle 5.25-5.35GHz	71
5570MHz	63

Beamforming

Test Software Version	Dos V6.1

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	95
5200MHz	99
5240MHz	99
5260MHz	72
5300MHz	72
5320MHz	75
5500MHz	76
5580MHz	73
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	67
5720MHz Straddle 5.725-5.85GHz	67
5745MHz	100
5785MHz	100
5825MHz	108
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	77
5230MHz	97
5270MHz	72
5310MHz	76
5510MHz	74
5550MHz	73
5670MHz	73
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	97
5795MHz	99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	87
5290MHz	75
5530MHz	76
5610MHz	72
5690MHz Straddle 5.47-5.725GHz	70

Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	70
5775MHz	92
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	77
5250MHz Straddle 5.25-5.35GHz	77
5570MHz	71

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	5GHz WLAN + 6GHz WLAN
Refer to Sporton Test Report No.: FA310610 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

AC Adapter	Brand Name	AMIGO	Model Name	AMS241A-1202500FU
	Power Rating	I/P: 100-240Vac, 1.2A, O/P: 12Vdc, 2.5A		
	DC Power Cable	1.8 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Brand Name	N/A	Model Name	N/A
	Signal Line	1.8 meter, non-shielded cable, w/o ferrite core		

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

2.4 Support Equipment

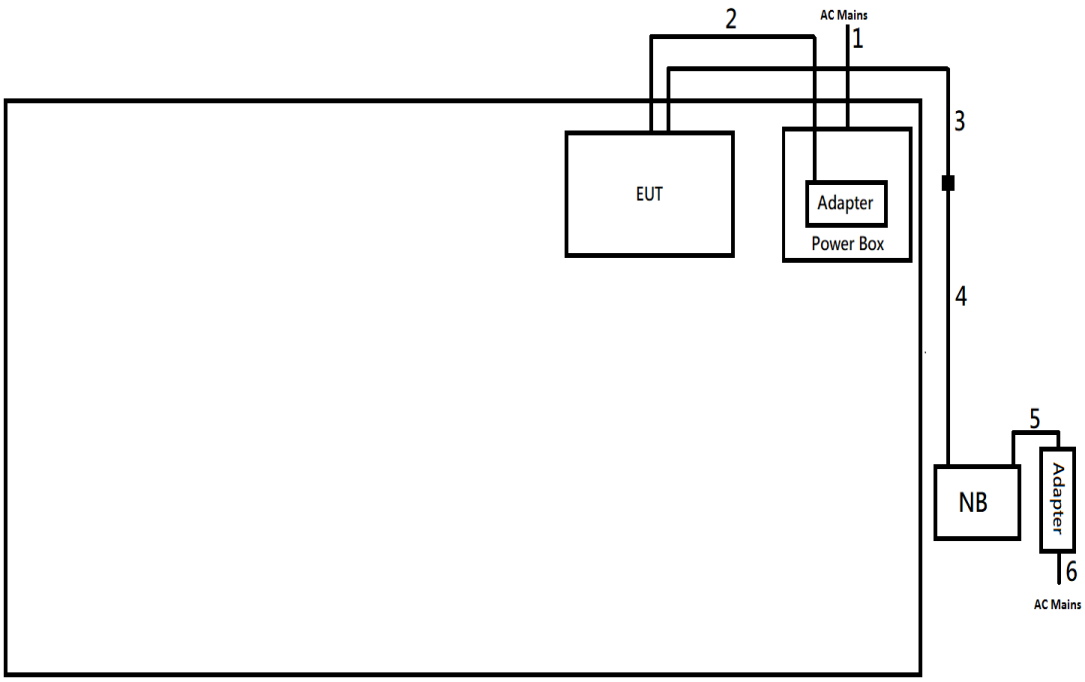
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter (For NB)	HP	HSTNN-CA40	-	-
3	RJ45 cable	Power Sync	CAT-6E-10	-	-
4	Power cable	Power Sync	TPCMRN0018	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter (For NB)	HP	HSTNN-CA40	-	-
3	Notebook	HP	HSTNN-142C	-	-
4	Adapter (For NB)	HP	HSTNN-CA40	-	-
5	Power cable	Power Sync	TPCMRN0018	-	-
6	LAN cable	Power Sync	CAT-6E-10	-	-
7	LAN cable	Power Sync	CAT-6E-10	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Client AP	N/A	N/A	-	Provided by Customer

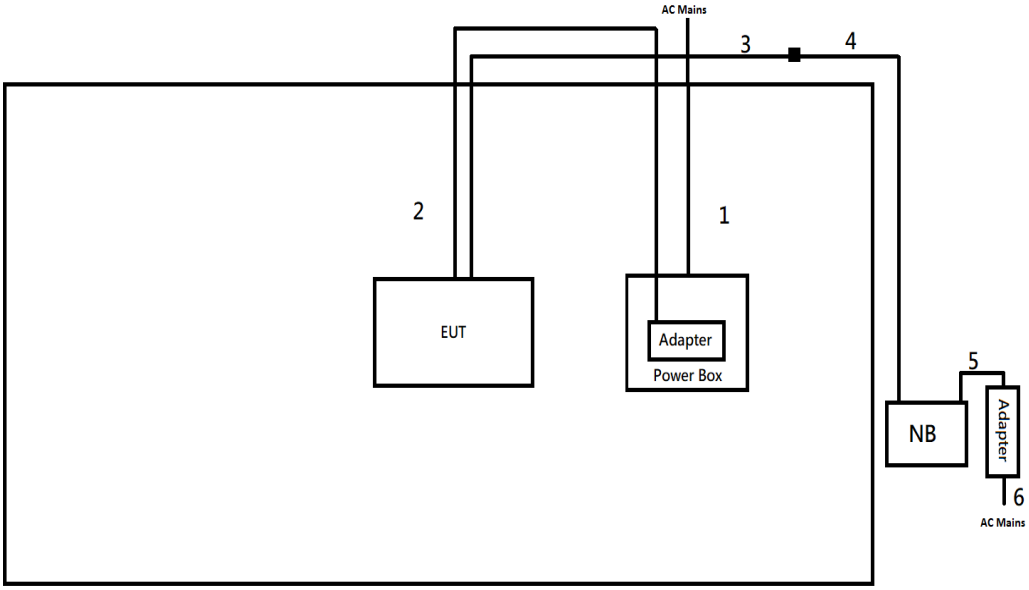
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



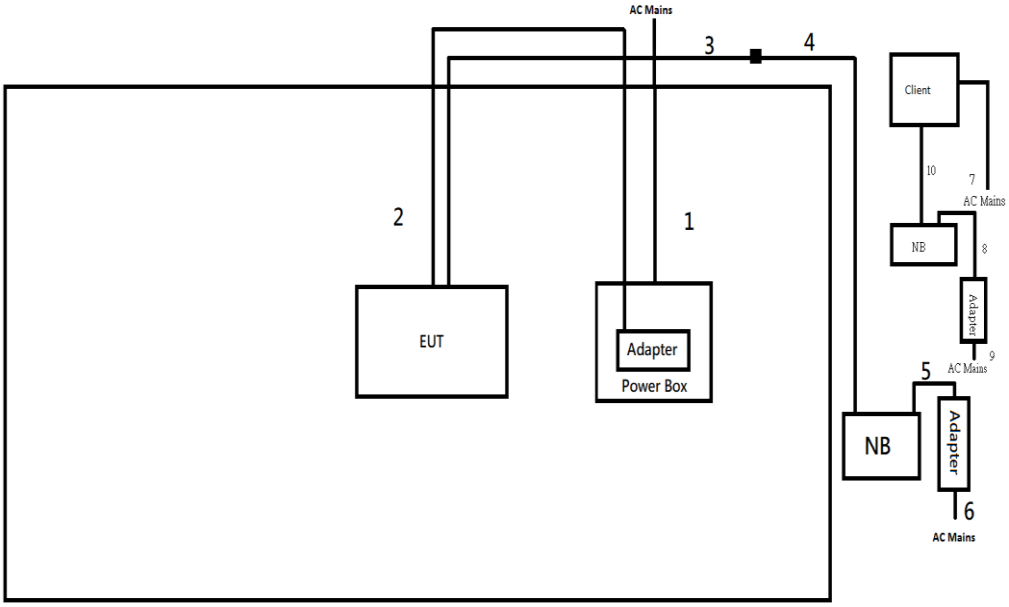
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RJ45 cable	No	1.8	-
4	RJ45 cable	No	10.0	-
5	DC Power cable	No	1.5	-
6	AC Power cable	No	1.8	-

Test Setup Diagram - Radiated Test (Non-Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RJ45 cable	No	1.8	-
4	RJ45 cable	No	10.0	-
5	DC Power cable	No	1.5	-
6	AC Power cable	No	1.8	-

Test Setup Diagram - Radiated Test (Beamforming)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RJ45 cable	No	1.8	-
4	RJ45 cable	No	10.0	-
5	DC Power cable	No	1.5	-
6	AC Power cable	No	1.8	-
7	AC Power cable	No	1.8	-
8	DC Power cable	No	1.5	-
9	AC Power cable	No	1.8	-
10	RJ45 cable	No	10.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

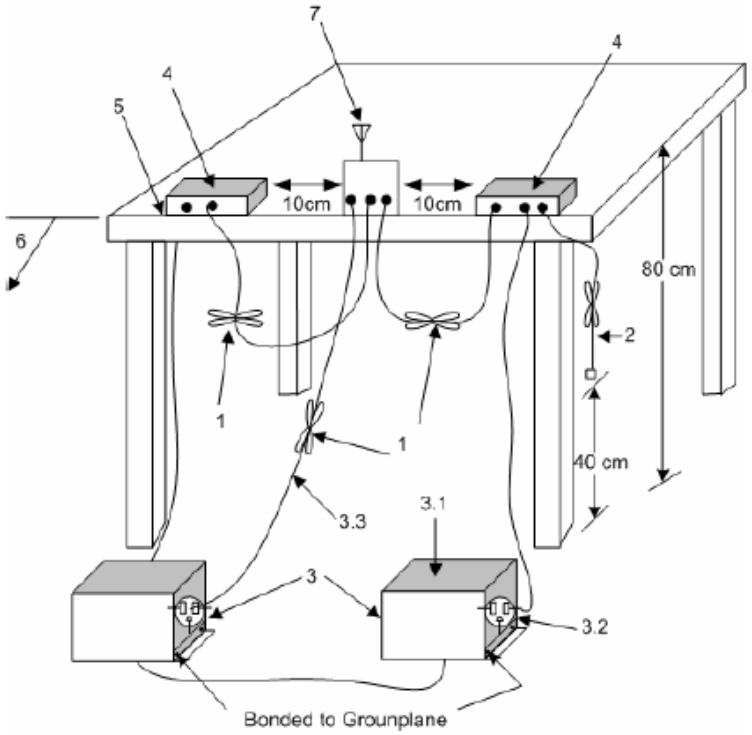
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

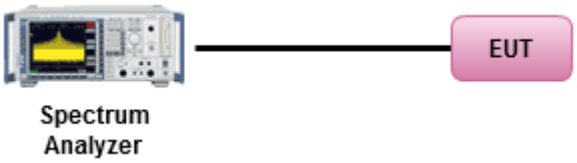
Refer a test equipment and calibration data table in this test report.

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

3.3.2 Measuring Instruments

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

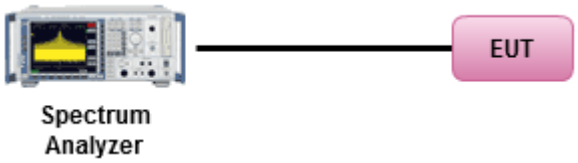
3.3.3 Test Procedures

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

3.3.4 Test Setup

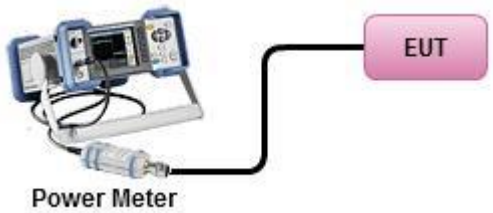
For Straddle channel

RF Output Power (Spectrum Analyzer)



For Other channel

RF Output Power (Power Meter)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

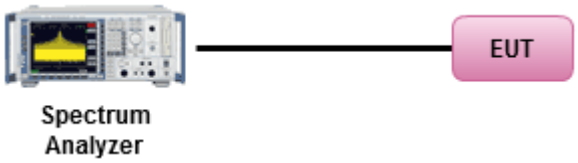
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

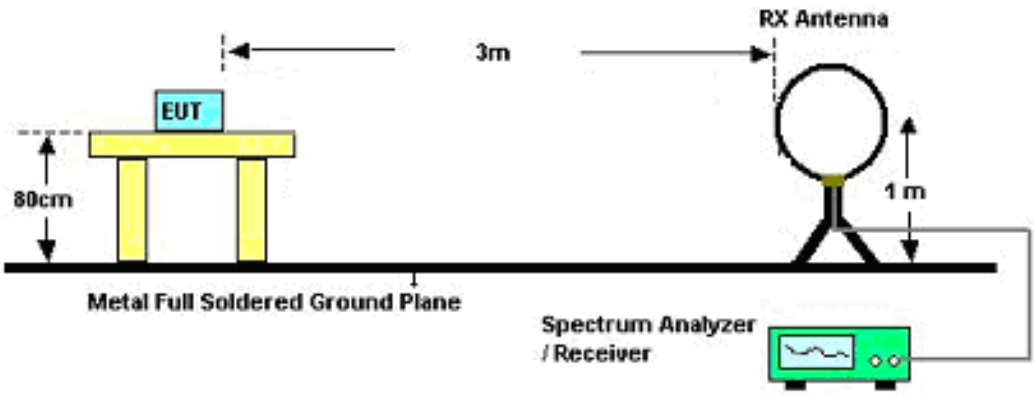
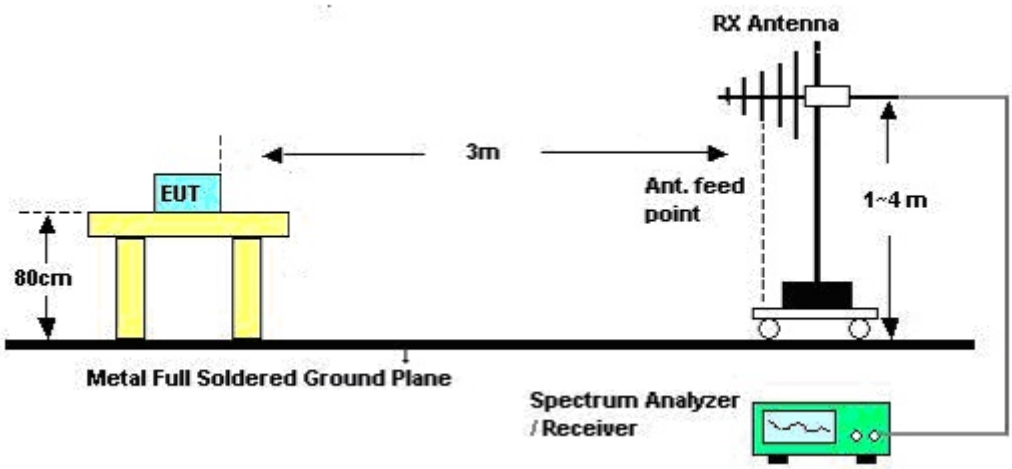
3.5.3 Test Procedures

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

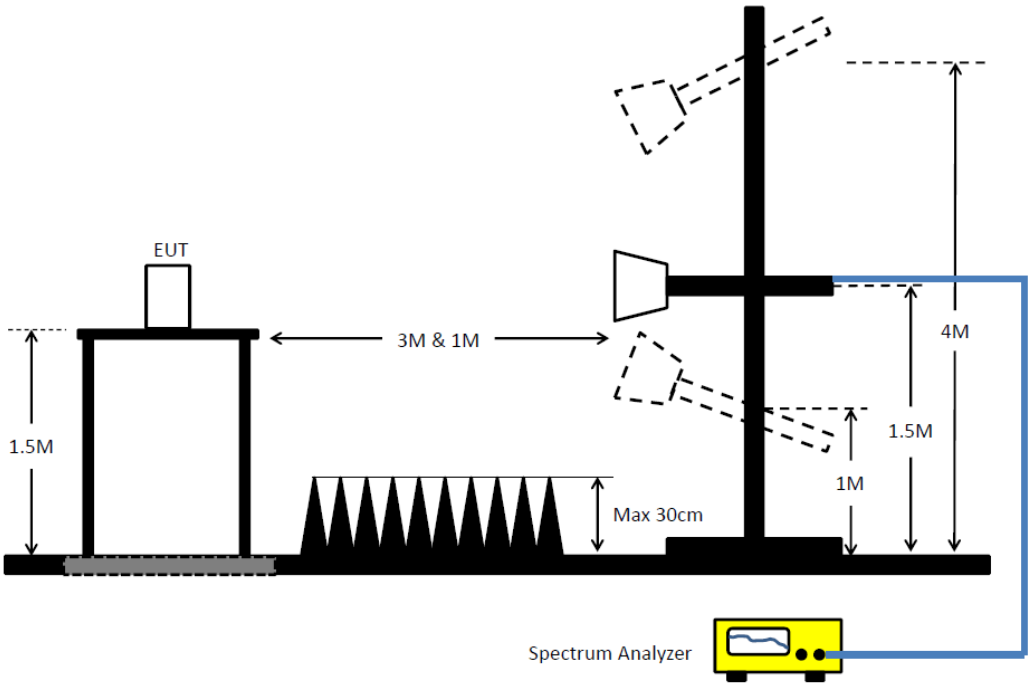
3.5.4 Measurement Results Calculation

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

3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	16/Feb/2023	15/Feb/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
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_NII	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	26/Dec/2022	25/Dec/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2022	13/Jul/2023
Amplifier	EM	EM18G40GA	60874	18GHz ~40GHz	23/Aug/2022	22/Aug/2023
SENSE-EMI	Sporton	v5.11	NA	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	EMC1150 & WK0602	980270 & WDCB-6SI	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	20/Dec/2022	19/Dec/2023
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	20/Dec/2022	19/Dec/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	09/Apr/2022	08/Apr/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15407_NII	Sporton	v5.11.3	NA	NA	NA	NA

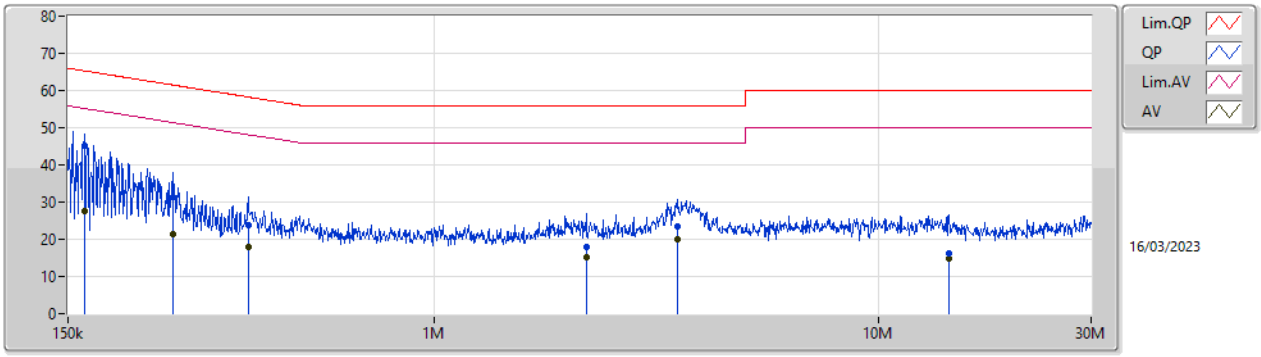
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	163.117k	45.18	65.31	-20.13	Line

Result

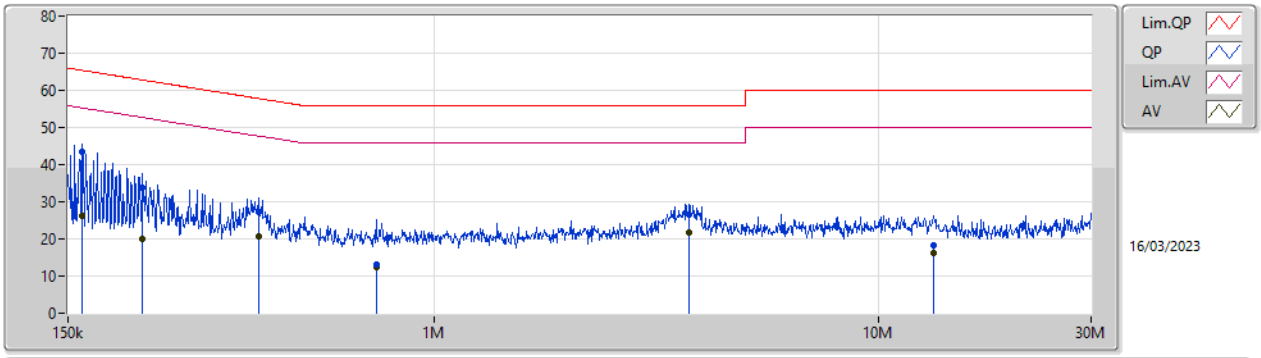
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	163.117k	45.18	65.31	-20.13	Line	-
Mode 1	Pass	AV	163.117k	27.45	55.31	-27.86	Line	-
Mode 1	Pass	QP	258.152k	31.53	61.49	-29.96	Line	-
Mode 1	Pass	AV	258.152k	21.30	51.49	-30.19	Line	-
Mode 1	Pass	QP	381.751k	23.75	58.24	-34.49	Line	-
Mode 1	Pass	AV	381.751k	17.84	48.24	-30.40	Line	-
Mode 1	Pass	QP	2.194M	18.01	56.00	-37.99	Line	-
Mode 1	Pass	AV	2.194M	15.12	46.00	-30.88	Line	-
Mode 1	Pass	QP	3.513M	23.34	56.00	-32.66	Line	-
Mode 1	Pass	AV	3.513M	19.90	46.00	-26.10	Line	-
Mode 1	Pass	QP	14.379M	16.30	60.00	-43.70	Line	-
Mode 1	Pass	AV	14.379M	14.96	50.00	-35.04	Line	-
Mode 1	Pass	QP	161.82k	43.45	65.37	-21.92	Neutral	-
Mode 1	Pass	AV	161.82k	26.16	55.37	-29.21	Neutral	-
Mode 1	Pass	QP	220.933k	33.72	62.79	-29.07	Neutral	-
Mode 1	Pass	AV	220.933k	20.13	52.79	-32.66	Neutral	-
Mode 1	Pass	QP	402.085k	27.31	57.82	-30.51	Neutral	-
Mode 1	Pass	AV	402.085k	20.84	47.82	-26.98	Neutral	-
Mode 1	Pass	QP	740.588k	13.17	56.00	-42.83	Neutral	-
Mode 1	Pass	AV	740.588k	12.25	46.00	-33.75	Neutral	-
Mode 1	Pass	QP	3.745M	26.51	56.00	-29.49	Neutral	-
Mode 1	Pass	AV	3.745M	21.78	46.00	-24.22	Neutral	-
Mode 1	Pass	QP	13.275M	18.17	60.00	-41.83	Neutral	-
Mode 1	Pass	AV	13.275M	16.31	50.00	-33.69	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	163.117k	45.18	65.31	-20.13	19.61	Line	-	25.57	9.65	0.03	9.93
AV	163.117k	27.45	55.31	-27.86	19.61	Line	-	7.84	9.65	0.03	9.93
QP	258.152k	31.53	61.49	-29.96	19.62	Line	-	11.91	9.65	0.03	9.94
AV	258.152k	21.30	51.49	-30.19	19.62	Line	-	1.68	9.65	0.03	9.94
QP	381.751k	23.75	58.24	-34.49	19.64	Line	-	4.11	9.64	0.04	9.96
AV	381.751k	17.84	48.24	-30.40	19.64	Line	-	-1.80	9.64	0.04	9.96
QP	2.194M	18.01	56.00	-37.99	19.71	Line	-	-1.70	9.68	0.09	9.94
AV	2.194M	15.12	46.00	-30.88	19.71	Line	-	-4.59	9.68	0.09	9.94
QP	3.513M	23.34	56.00	-32.66	19.75	Line	-	3.59	9.70	0.12	9.93
AV	3.513M	19.90	46.00	-26.10	19.75	Line	-	0.15	9.70	0.12	9.93
QP	14.379M	16.30	60.00	-43.70	19.99	Line	-	-3.69	9.79	0.23	9.97
AV	14.379M	14.96	50.00	-35.04	19.99	Line	-	-5.03	9.79	0.23	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	161.82k	43.45	65.37	-21.92	19.59	Neutral	-	23.86	9.63	0.03	9.93
AV	161.82k	26.16	55.37	-29.21	19.59	Neutral	-	6.57	9.63	0.03	9.93
QP	220.933k	33.72	62.79	-29.07	19.58	Neutral	-	14.14	9.62	0.03	9.93
AV	220.933k	20.13	52.79	-32.66	19.58	Neutral	-	0.55	9.62	0.03	9.93
QP	402.085k	27.31	57.82	-30.51	19.63	Neutral	-	7.68	9.63	0.04	9.96
AV	402.085k	20.84	47.82	-26.98	19.63	Neutral	-	1.21	9.63	0.04	9.96
QP	740.588k	13.17	56.00	-42.83	19.64	Neutral	-	-6.47	9.64	0.05	9.95
AV	740.588k	12.25	46.00	-33.75	19.64	Neutral	-	-7.39	9.64	0.05	9.95
QP	3.745M	26.51	56.00	-29.49	19.74	Neutral	-	6.77	9.68	0.13	9.93
AV	3.745M	21.78	46.00	-24.22	19.74	Neutral	-	2.04	9.68	0.13	9.93
QP	13.275M	18.17	60.00	-41.83	20.06	Neutral	-	-1.89	9.87	0.22	9.97
AV	13.275M	16.31	50.00	-33.69	20.06	Neutral	-	-3.75	9.87	0.22	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)_4TX	36.564M	17.626M	17M6D1D	22.044M	16.835M
802.11ax HEW20_Nss1,(MCS0)_4TX	35.706M	19.34M	19M3D1D	24.882M	19.16M
802.11ax HEW40_Nss1,(MCS0)_4TX	63.888M	38.081M	38M1D1D	41.316M	37.841M
802.11ax HEW80_Nss1,(MCS0)_4TX	87.648M	77.361M	77M4D1D	83.688M	77.241M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.44M	77.401M	77M4D1D	81.28M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.912M	17.072M	17M1D1D	21.054M	16.676M
802.11ax HEW20_Nss1,(MCS0)_4TX	25.806M	19.16M	19M2D1D	21.252M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	46.2M	37.901M	37M9D1D	40.392M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	87.12M	77.481M	77M5D1D	85.272M	77.481M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.24M	77.641M	77M6D1D	81.6M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.78M	17.046M	17M0D1D	15.66M	13.418M
802.11ax HEW20_Nss1,(MCS0)_4TX	25.344M	19.16M	19M2D1D	15.765M	14.558M
802.11ax HEW40_Nss1,(MCS0)_4TX	45.276M	37.901M	37M9D1D	35.035M	33.723M
802.11ax HEW80_Nss1,(MCS0)_4TX	87.648M	77.601M	77M6D1D	75.825M	73.163M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.32M	156.642M	157MD1D	164.736M	156.402M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.302M	22.139M	22M1D1D	3.1M	3.978M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.81M	23.298M	23M3D1D	4.4M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.62M	43.538M	43M5D1D	3.78M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.296M	78.801M	78M8D1D	3.74M	4.038M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	27.588M	17.257M	33.33M	17.626M	22.044M	17.019M	22.374M	17.204M
5200MHz	Pass	Inf	28.71M	17.099M	36.564M	17.626M	30.294M	16.914M	31.944M	17.204M
5240MHz	Pass	Inf	28.71M	17.046M	35.178M	17.547M	29.304M	16.835M	32.208M	17.204M
5260MHz	Pass	Inf	21.384M	16.782M	21.12M	16.756M	21.054M	16.703M	21.054M	16.676M
5300MHz	Pass	Inf	21.186M	16.782M	21.12M	16.808M	21.186M	16.703M	21.054M	16.676M
5320MHz	Pass	Inf	21.846M	17.072M	21.912M	17.046M	21.912M	16.967M	21.714M	16.967M
5500MHz	Pass	Inf	21.648M	17.046M	21.714M	16.967M	21.582M	16.94M	21.78M	17.046M
5580MHz	Pass	Inf	21.186M	16.756M	21.054M	16.756M	21.12M	16.703M	21.252M	16.703M
5700MHz	Pass	Inf	21.318M	16.782M	21.252M	16.756M	20.922M	16.729M	21.054M	16.676M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	13.508M	15.705M	13.478M	15.69M	13.418M	15.66M	13.433M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.998M	3.1M	3.998M	3.12M	4.018M	3.1M	3.978M
5745MHz	Pass	500k	15.84M	17.283M	16.302M	18.524M	15.642M	17.046M	16.236M	17.257M
5785MHz	Pass	500k	16.302M	18.075M	15.906M	21.426M	16.302M	17.072M	15.972M	17.864M
5825MHz	Pass	500k	14.454M	22.139M	16.236M	18.893M	15.576M	18.339M	16.302M	21.109M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.314M	19.16M	34.32M	19.28M	29.436M	19.16M	28.842M	19.19M
5200MHz	Pass	Inf	30.294M	19.19M	34.65M	19.34M	24.882M	19.16M	30.492M	19.22M
5240MHz	Pass	Inf	27.984M	19.16M	35.706M	19.28M	24.882M	19.16M	28.974M	19.19M
5260MHz	Pass	Inf	21.516M	19.07M	21.318M	19.04M	21.252M	19.07M	21.516M	19.04M
5300MHz	Pass	Inf	21.648M	19.07M	21.45M	19.04M	21.714M	19.07M	21.582M	19.07M
5320MHz	Pass	Inf	25.806M	19.13M	24.156M	19.16M	23.232M	19.16M	22.374M	19.16M
5500MHz	Pass	Inf	24.09M	19.16M	24.354M	19.13M	25.344M	19.13M	25.146M	19.1M
5580MHz	Pass	Inf	21.45M	19.07M	21.384M	19.04M	21.516M	19.04M	21.516M	19.04M
5700MHz	Pass	Inf	21.582M	19.1M	21.516M	19.04M	21.648M	19.07M	21.516M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	14.588M	15.87M	14.558M	15.885M	14.573M	15.765M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.538M	4.4M	4.518M	4.4M	4.538M	4.4M	4.538M
5745MHz	Pass	500k	18.546M	19.22M	18.678M	19.43M	18.81M	19.19M	18.546M	19.19M
5785MHz	Pass	500k	18.15M	19.55M	18.15M	21.769M	18.81M	19.22M	18.678M	19.4M
5825MHz	Pass	500k	16.896M	23.298M	17.622M	21.019M	18.216M	20.03M	18.348M	22.369M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.296M	37.841M	41.316M	37.841M	41.316M	37.841M	43.56M	37.841M
5230MHz	Pass	Inf	59.928M	38.081M	63.888M	38.081M	53.46M	37.901M	59.136M	38.021M
5270MHz	Pass	Inf	40.656M	37.721M	40.392M	37.721M	40.524M	37.721M	40.524M	37.781M
5310MHz	Pass	Inf	42.768M	37.901M	46.2M	37.841M	43.032M	37.841M	42.372M	37.901M
5510MHz	Pass	Inf	42.24M	37.901M	42.108M	37.901M	45.012M	37.901M	45.276M	37.901M
5550MHz	Pass	Inf	40.524M	37.721M	40.524M	37.781M	40.788M	37.661M	40.656M	37.721M
5670MHz	Pass	Inf	40.524M	37.781M	40.524M	37.721M	40.26M	37.721M	40.26M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.758M	35.07M	33.758M	35.035M	33.723M	35.14M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.018M	3.86M	4.038M	3.78M	4.038M	3.94M	4.038M

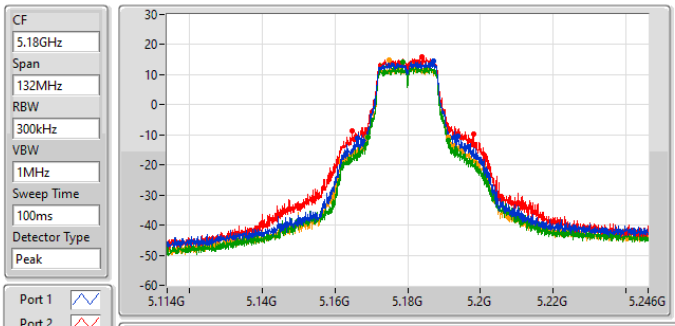
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5755MHz	Pass	500k	37.62M	38.021M	36.696M	38.561M	36.96M	37.901M	37.224M	37.901M
5795MHz	Pass	500k	36.3M	38.561M	36.3M	43.538M	37.488M	37.961M	36.3M	37.961M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87.648M	77.361M	83.688M	77.241M	83.688M	77.241M	84.216M	77.361M
5290MHz	Pass	Inf	85.272M	77.481M	86.592M	77.481M	85.8M	77.481M	87.12M	77.481M
5530MHz	Pass	Inf	87.648M	77.601M	86.592M	77.481M	83.952M	77.241M	87.648M	77.481M
5610MHz	Pass	Inf	81.312M	77.241M	81.312M	77.361M	81.84M	77.241M	81.84M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.163M	76.125M	73.163M	75.9M	73.238M	75.825M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.138M	3.74M	4.058M	3.74M	4.038M	3.84M	4.138M
5775MHz	Pass	500k	68.904M	77.601M	73.92M	78.801M	73.656M	77.361M	76.296M	77.601M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.401M	81.44M	77.321M	81.44M	77.401M	81.28M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.24M	77.641M	82.08M	77.561M	81.76M	77.481M	81.6M	77.561M
5570MHz	Pass	Inf	165.264M	156.402M	166.32M	156.642M	164.736M	156.402M	165.264M	156.402M

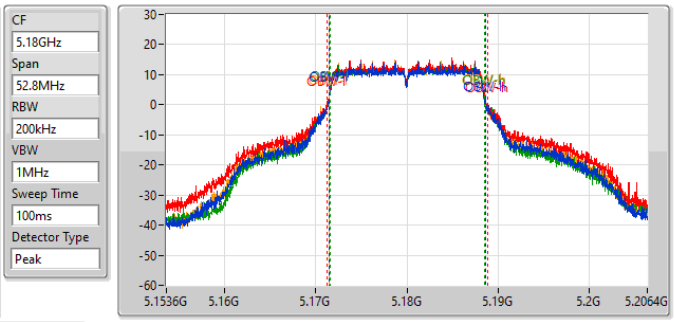
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5180MHz

01/03/2023



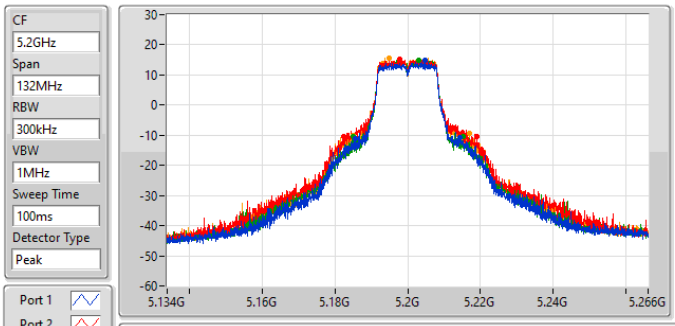


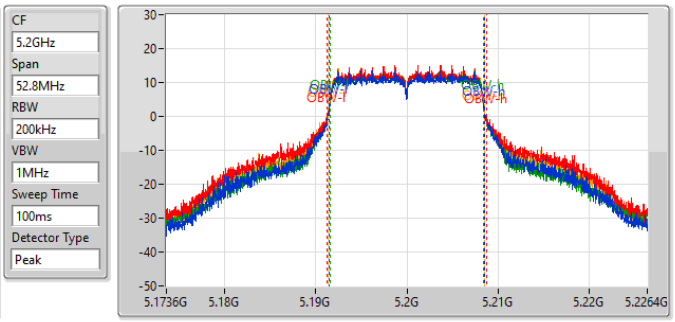
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.588M	5.166272G	5.19386G	17.257M	5.171424G	5.188681G	Inf	1
33.33M	5.164754G	5.198084G	17.626M	5.171266G	5.188892G	Inf	2
22.044M	5.169242G	5.191286G	17.019M	5.17153G	5.188549G	Inf	3
22.374M	5.168912G	5.191286G	17.204M	5.171424G	5.188628G	Inf	4

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5200MHz

01/03/2023



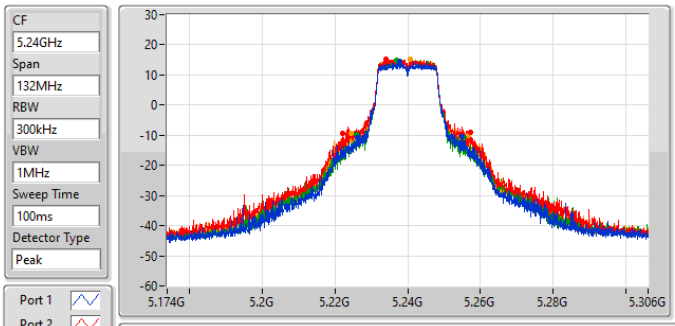


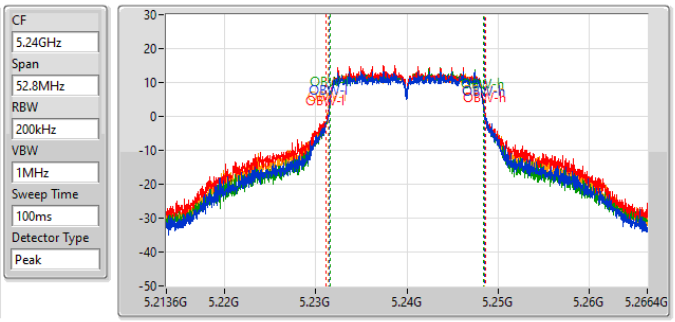
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.71M	5.185744G	5.214454G	17.099M	5.191451G	5.208549G	Inf	1
36.564M	5.182312G	5.218876G	17.626M	5.191187G	5.208813G	Inf	2
30.294M	5.184952G	5.215246G	16.914M	5.19153G	5.208444G	Inf	3
31.944M	5.18515G	5.217094G	17.204M	5.191372G	5.208576G	Inf	4

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5240MHz

01/03/2023



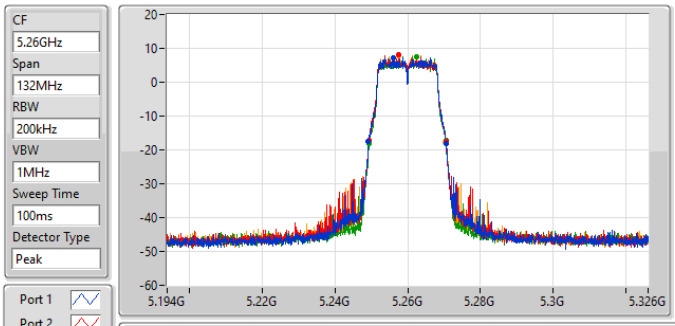


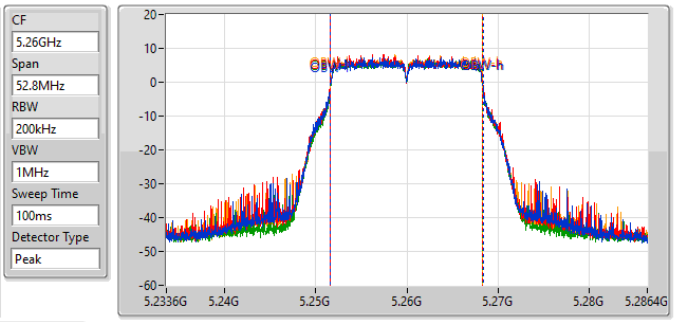
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.71M	5.22614G	5.25485G	17.046M	5.231451G	5.248497G	Inf	1
35.178M	5.222048G	5.257226G	17.547M	5.231134G	5.248681G	Inf	2
29.304M	5.226074G	5.255378G	16.835M	5.231556G	5.248391G	Inf	3
32.208M	5.22449G	5.256698G	17.204M	5.231345G	5.248549G	Inf	4

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5260MHz

01/03/2023



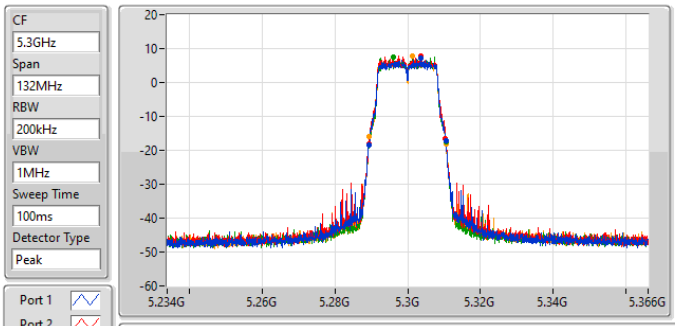


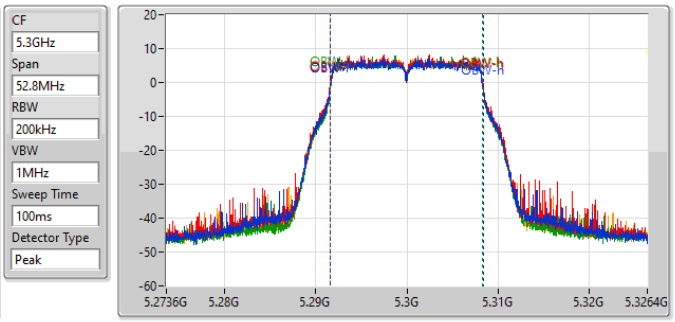
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.384M	5.249242G	5.270626G	16.782M	5.251583G	5.268365G	Inf	1
21.12M	5.249374G	5.270494G	16.756M	5.251583G	5.268338G	Inf	2
21.054M	5.24944G	5.270494G	16.703M	5.251635G	5.268338G	Inf	3
21.054M	5.249374G	5.270428G	16.676M	5.251635G	5.268312G	Inf	4

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5300MHz

01/03/2023



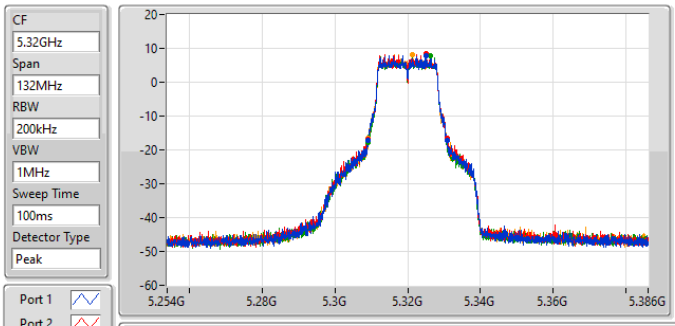


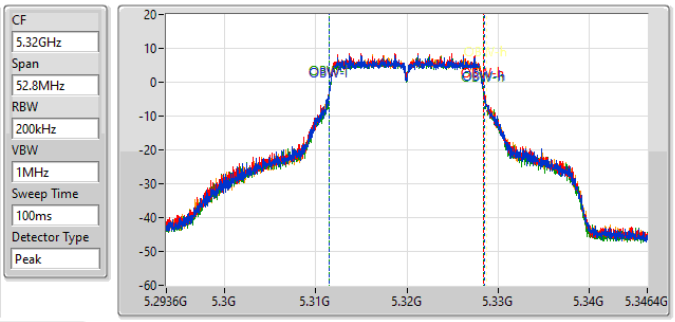
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.186M	5.289308G	5.310494G	16.782M	5.291583G	5.308365G	Inf	1
21.12M	5.289308G	5.310428G	16.808M	5.291556G	5.308365G	Inf	2
21.186M	5.289374G	5.31056G	16.703M	5.291635G	5.308338G	Inf	3
21.054M	5.289506G	5.31056G	16.676M	5.291635G	5.308312G	Inf	4

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5320MHz

01/03/2023



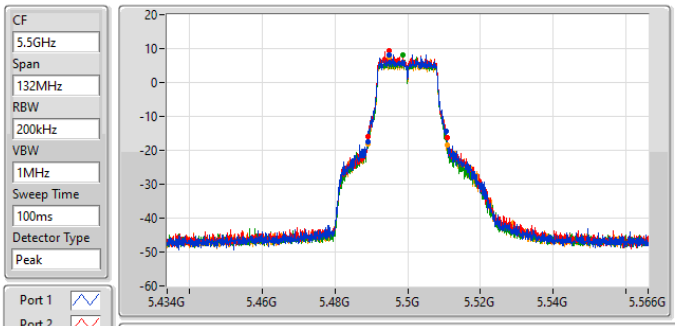


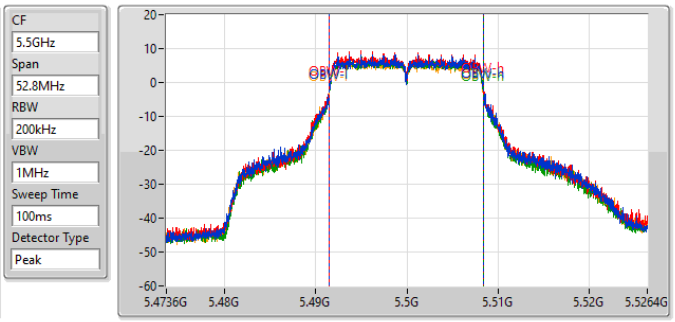
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.846M	5.30911G	5.330956G	17.072M	5.311424G	5.328497G	Inf	1
21.912M	5.309044G	5.330956G	17.046M	5.311424G	5.32847G	Inf	2
21.912M	5.308978G	5.33089G	16.967M	5.311503G	5.32847G	Inf	3
21.714M	5.30911G	5.330824G	16.967M	5.311477G	5.328444G	Inf	4

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5500MHz

01/03/2023



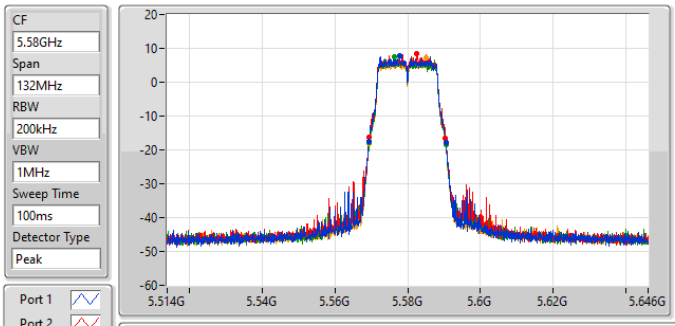


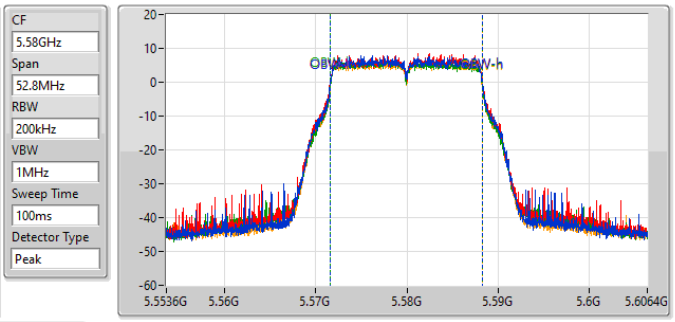
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.648M	5.489044G	5.510692G	17.046M	5.491424G	5.50847G	Inf	1
21.714M	5.489044G	5.510758G	16.967M	5.491451G	5.508417G	Inf	2
21.582M	5.489044G	5.510626G	16.94M	5.491477G	5.508417G	Inf	3
21.78M	5.488978G	5.510758G	17.046M	5.491424G	5.50847G	Inf	4

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5580MHz

01/03/2023



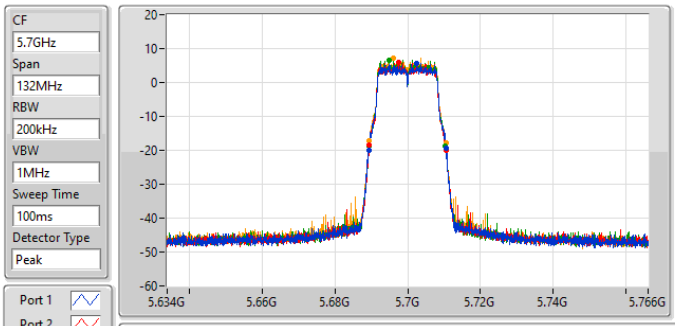


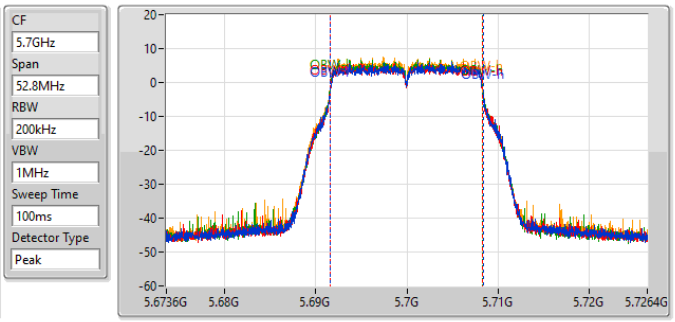
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.186M	5.569374G	5.59056G	16.756M	5.571583G	5.588338G	Inf	1
21.054M	5.569374G	5.590428G	16.756M	5.571583G	5.588338G	Inf	2
21.12M	5.569374G	5.590494G	16.703M	5.571609G	5.588312G	Inf	3
21.252M	5.569308G	5.59056G	16.703M	5.571609G	5.588312G	Inf	4

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5700MHz

01/03/2023



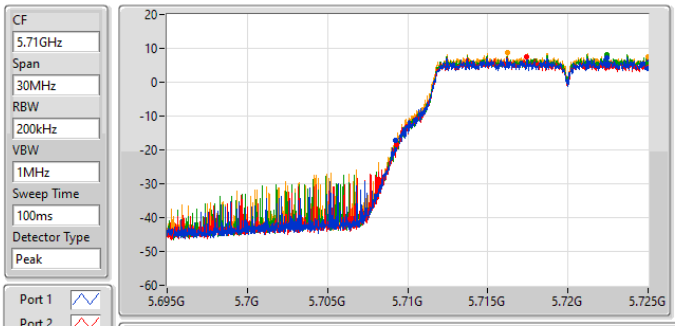


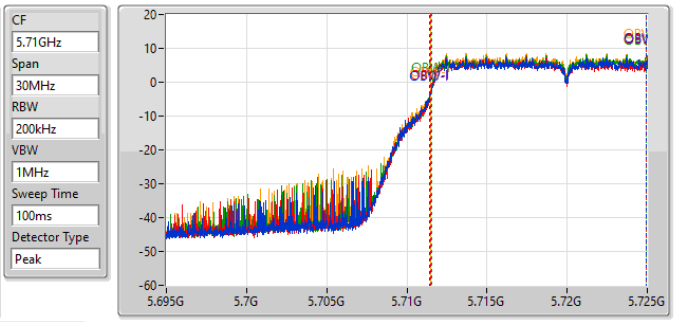
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.318M	5.689308G	5.710626G	16.782M	5.691583G	5.708365G	Inf	1
21.252M	5.689374G	5.710626G	16.756M	5.691583G	5.708338G	Inf	2
20.922M	5.689506G	5.710428G	16.729M	5.691609G	5.708338G	Inf	3
21.054M	5.68944G	5.710494G	16.676M	5.691609G	5.708285G	Inf	4

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

01/03/2023



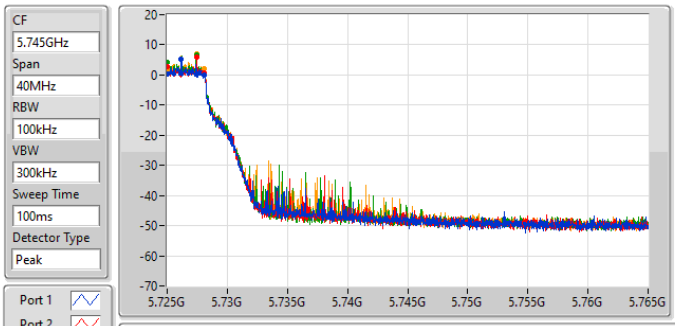


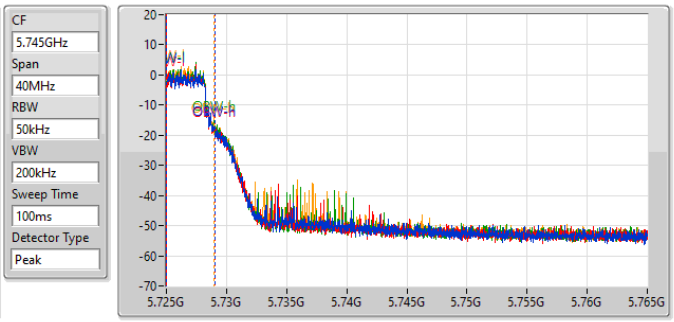
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.70925G	5.725G	13.508M	5.711439G	5.724948G	Inf	1
15.705M	5.709295G	5.725G	13.478M	5.711469G	5.724948G	Inf	2
15.69M	5.70931G	5.725G	13.418M	5.711529G	5.724948G	Inf	3
15.66M	5.70934G	5.725G	13.433M	5.711514G	5.724948G	Inf	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

01/03/2023



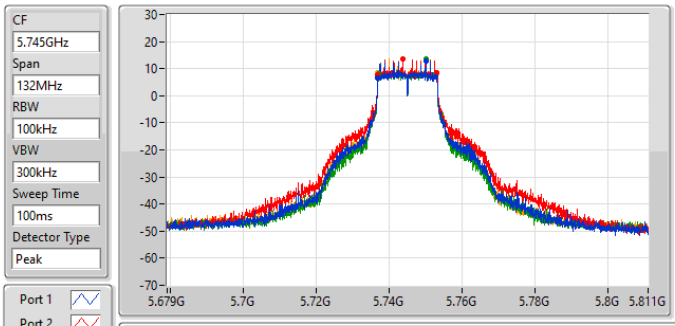


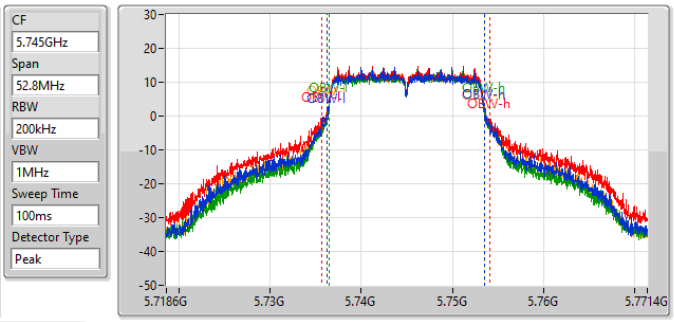
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.998M	5.72501G	5.729008G	500k	1
3.1M	5.725G	5.7281G	3.998M	5.72503G	5.729028G	500k	2
3.12M	5.725G	5.72812G	4.018M	5.72501G	5.729028G	500k	3
3.1M	5.725G	5.7281G	3.978M	5.72501G	5.728988G	500k	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5745MHz

01/03/2023



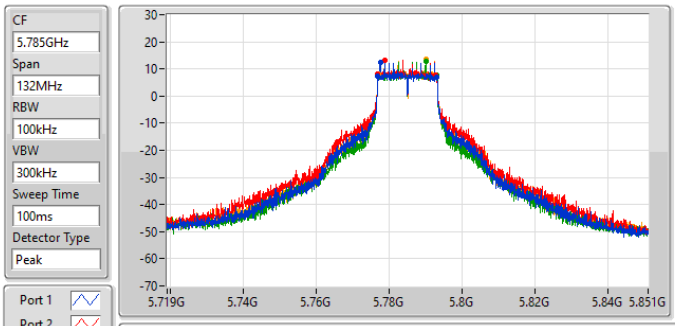


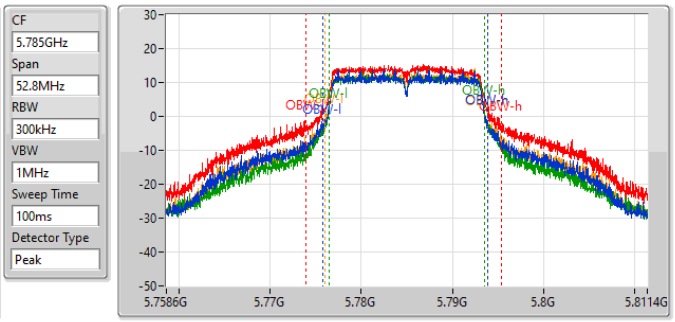
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.84M	5.736816G	5.752656G	17.283M	5.736266G	5.753549G	500k	1
16.302M	5.736816G	5.753118G	18.524M	5.735606G	5.75413G	500k	2
15.642M	5.73708G	5.752722G	17.046M	5.736451G	5.753497G	500k	3
16.236M	5.736816G	5.753052G	17.257M	5.736266G	5.753523G	500k	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5785MHz

01/03/2023



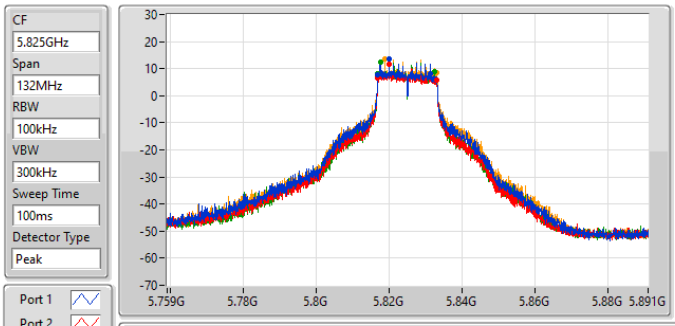


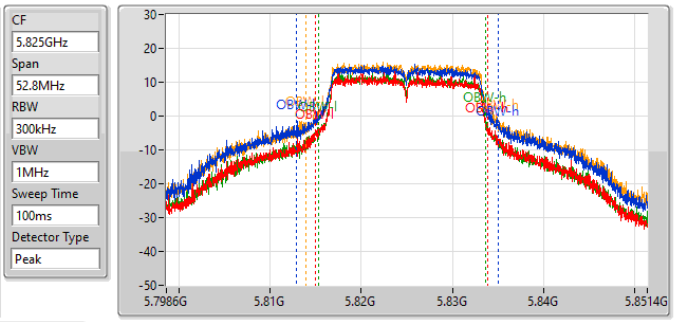
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.302M	5.776816G	5.793118G	18.075M	5.775765G	5.79384G	500k	1
15.906M	5.776816G	5.792722G	21.426M	5.773918G	5.795344G	500k	2
16.302M	5.776816G	5.793118G	17.072M	5.776424G	5.793497G	500k	3
15.972M	5.777146G	5.793118G	17.864M	5.775976G	5.79384G	500k	4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **EBW**

5825MHz

01/03/2023



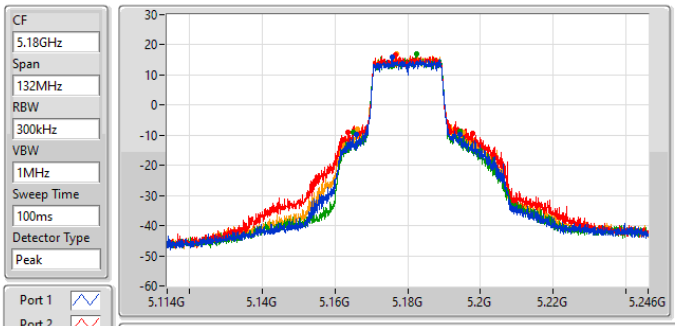


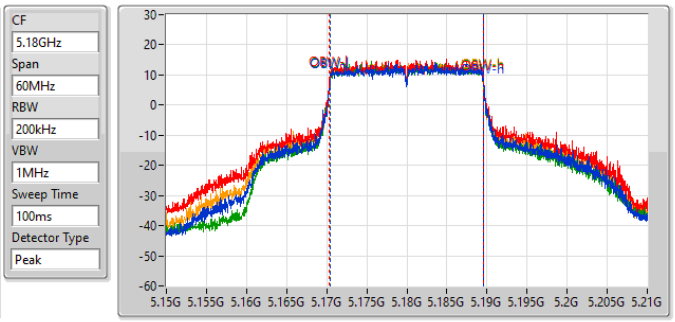
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.454M	5.816816G	5.83127G	22.139M	5.812915G	5.835053G	500k	1
16.236M	5.816816G	5.833052G	18.893M	5.814999G	5.833892G	500k	2
15.576M	5.816816G	5.832392G	18.339M	5.815342G	5.833681G	500k	3
16.302M	5.81675G	5.833052G	21.109M	5.813891G	5.835001G	500k	4

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5180MHz

01/03/2023



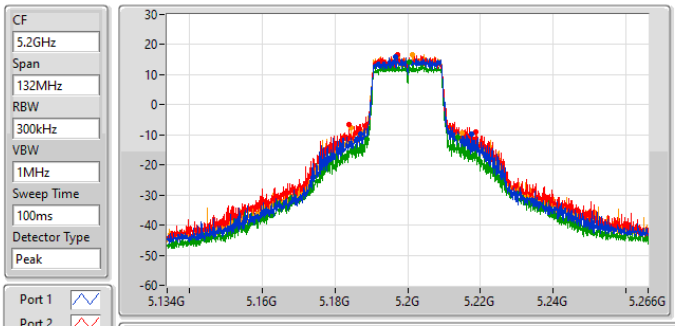


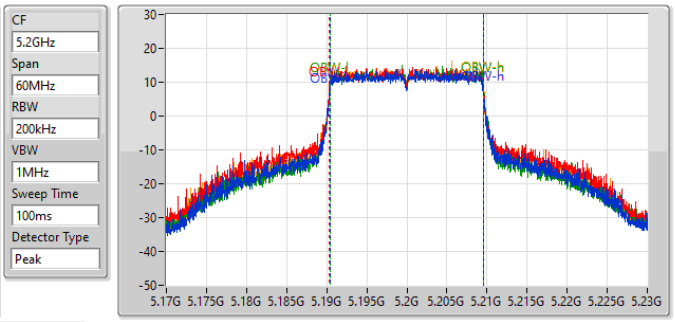
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.314M	5.165942G	5.194256G	19.16M	5.170405G	5.189565G	Inf	1
34.32M	5.163566G	5.197886G	19.28M	5.170345G	5.189625G	Inf	2
29.436M	5.164952G	5.194388G	19.16M	5.170405G	5.189565G	Inf	3
28.842M	5.166272G	5.195114G	19.19M	5.170375G	5.189565G	Inf	4

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5200MHz

01/03/2023



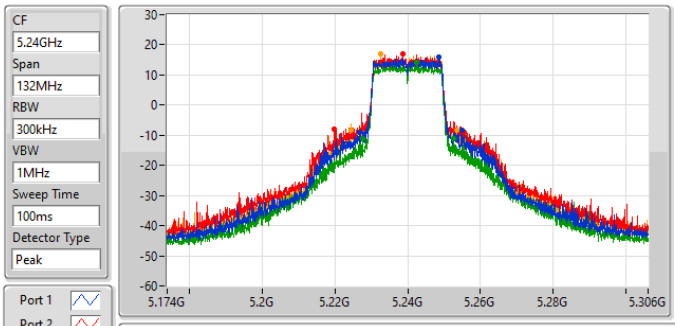


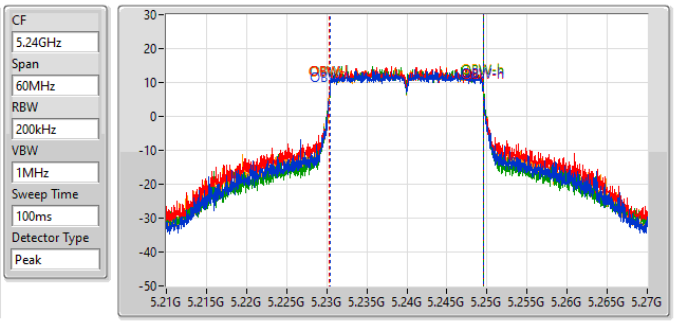
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.294M	5.18713G	5.217424G	19.19M	5.190375G	5.209565G	Inf	1
34.65M	5.183962G	5.218612G	19.34M	5.190285G	5.209625G	Inf	2
24.882M	5.188846G	5.213728G	19.16M	5.190405G	5.209565G	Inf	3
30.492M	5.18449G	5.214982G	19.22M	5.190375G	5.209595G	Inf	4

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5240MHz

01/03/2023



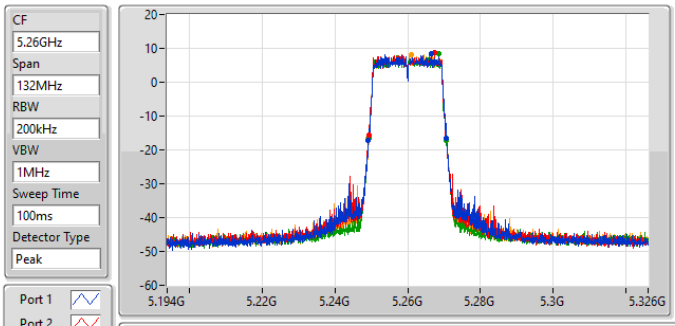


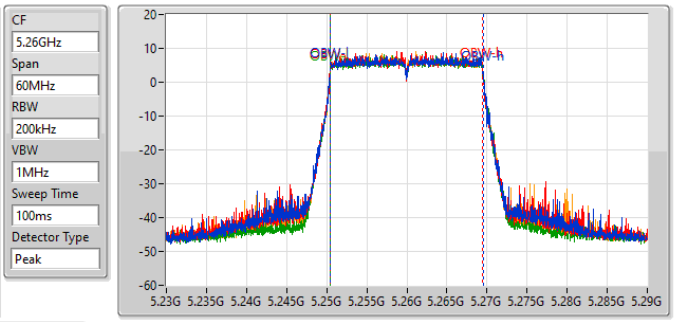
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.984M	5.226932G	5.254916G	19.16M	5.230375G	5.249535G	Inf	1
35.706M	5.219936G	5.255642G	19.28M	5.230315G	5.249595G	Inf	2
24.882M	5.227724G	5.252606G	19.16M	5.230375G	5.249535G	Inf	3
28.974M	5.224556G	5.25353G	19.19M	5.230345G	5.249535G	Inf	4

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5260MHz

01/03/2023



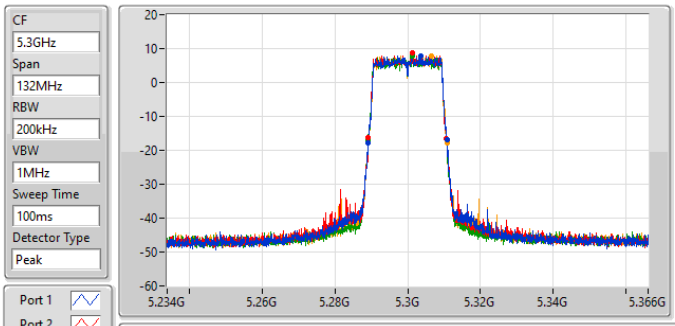


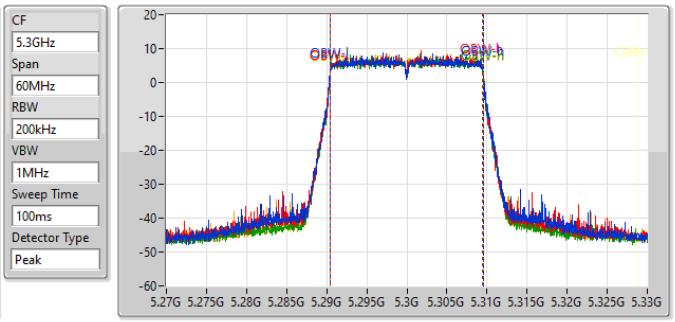
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.516M	5.249176G	5.270692G	19.07M	5.250435G	5.269505G	Inf	1
21.318M	5.249374G	5.270692G	19.04M	5.250435G	5.269475G	Inf	2
21.252M	5.249308G	5.27056G	19.07M	5.250435G	5.269505G	Inf	3
21.516M	5.249176G	5.270692G	19.04M	5.250435G	5.269475G	Inf	4

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5300MHz

01/03/2023



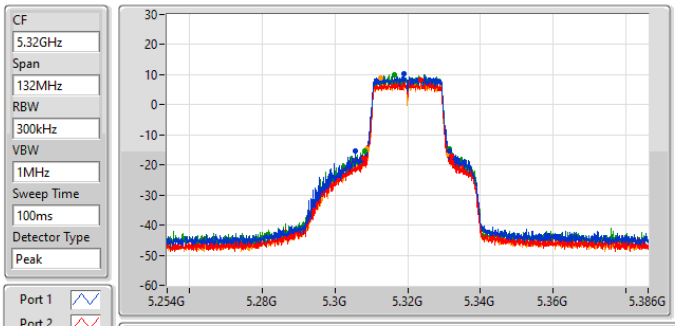


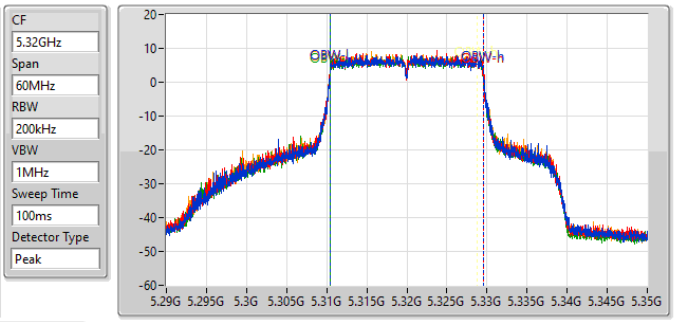
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.648M	5.28911G	5.310758G	19.07M	5.290435G	5.309505G	Inf	1
21.45M	5.289242G	5.310692G	19.04M	5.290435G	5.309475G	Inf	2
21.714M	5.289176G	5.31089G	19.07M	5.290435G	5.309505G	Inf	3
21.582M	5.289242G	5.310824G	19.07M	5.290435G	5.309505G	Inf	4

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5320MHz

01/03/2023



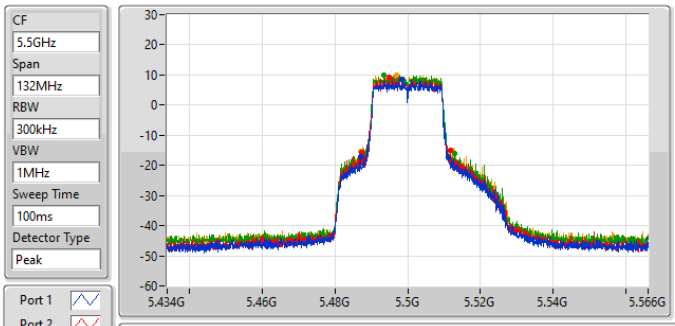


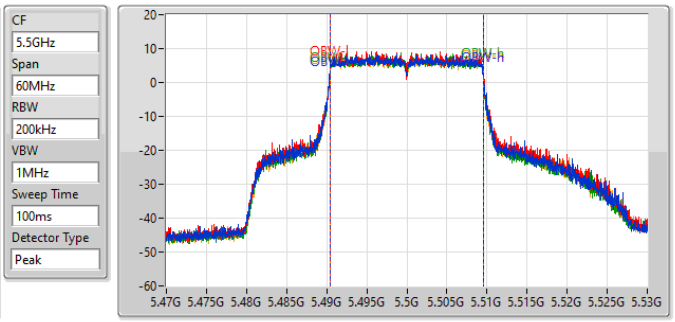
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.806M	5.305678G	5.331484G	19.13M	5.310405G	5.329535G	Inf	1
24.156M	5.307856G	5.332012G	19.16M	5.310375G	5.329535G	Inf	2
23.232M	5.308318G	5.33155G	19.16M	5.310375G	5.329535G	Inf	3
22.374M	5.308714G	5.331088G	19.16M	5.310375G	5.329535G	Inf	4

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5500MHz

01/03/2023



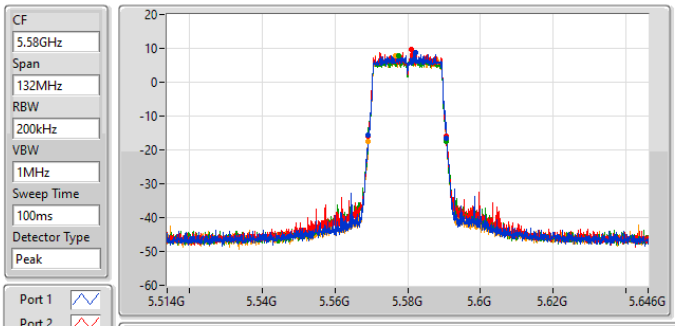


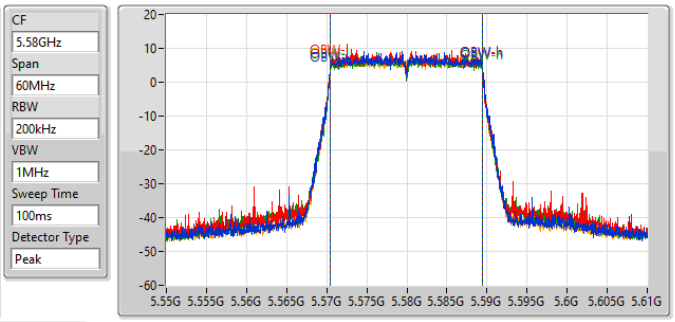
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.09M	5.48713G	5.51122G	19.16M	5.490375G	5.509535G	Inf	1
24.354M	5.48746G	5.511814G	19.13M	5.490405G	5.509535G	Inf	2
25.344M	5.487658G	5.513002G	19.13M	5.490375G	5.509505G	Inf	3
25.146M	5.48713G	5.512276G	19.1M	5.490405G	5.509505G	Inf	4

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5580MHz

01/03/2023



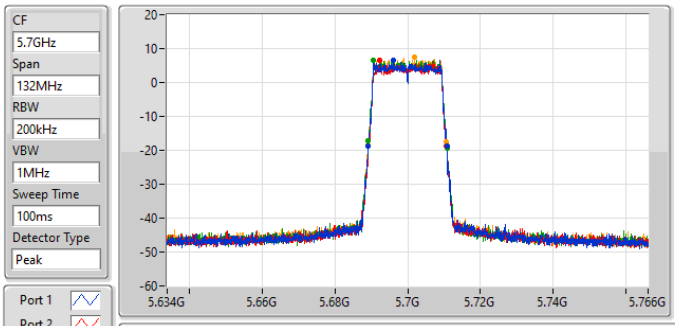


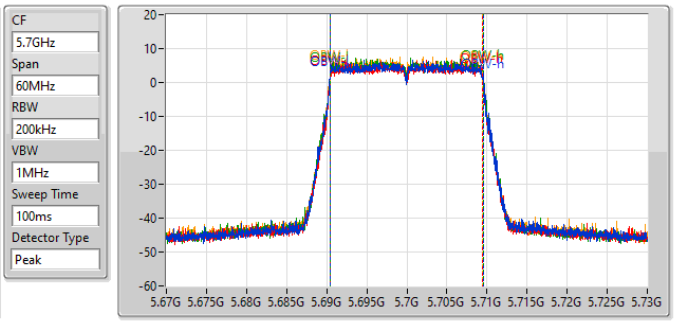
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.569242G	5.590692G	19.07M	5.570405G	5.589475G	Inf	1
21.384M	5.569176G	5.59056G	19.04M	5.570435G	5.589475G	Inf	2
21.516M	5.569176G	5.590692G	19.04M	5.570435G	5.589475G	Inf	3
21.516M	5.569176G	5.590692G	19.04M	5.570435G	5.589475G	Inf	4

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5700MHz

01/03/2023



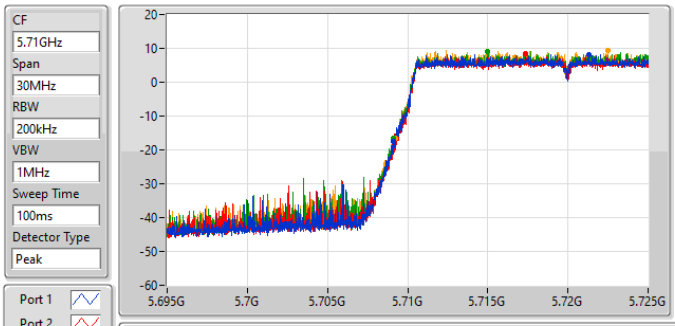


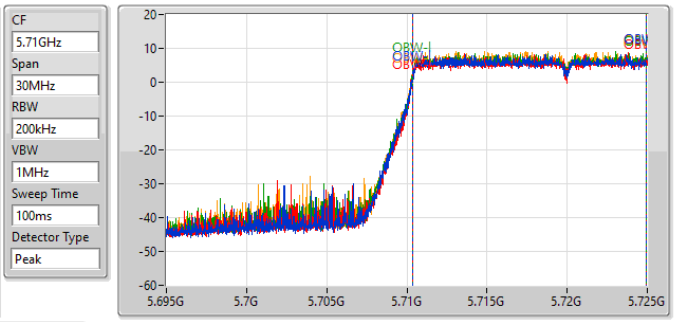
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.582M	5.689176G	5.710758G	19.1M	5.690405G	5.709505G	Inf	1
21.516M	5.689176G	5.710692G	19.04M	5.690435G	5.709475G	Inf	2
21.648M	5.68911G	5.710758G	19.07M	5.690435G	5.709505G	Inf	3
21.516M	5.689176G	5.710692G	19.07M	5.690405G	5.709475G	Inf	4

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

01/03/2023



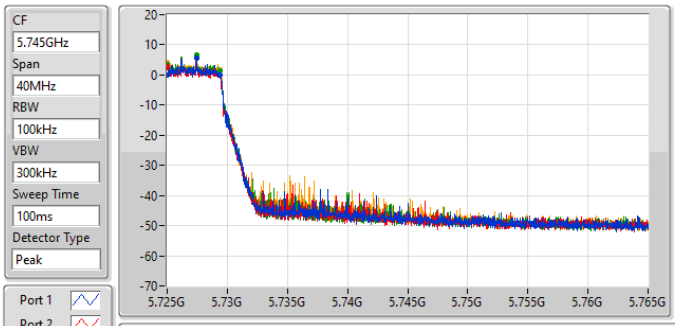


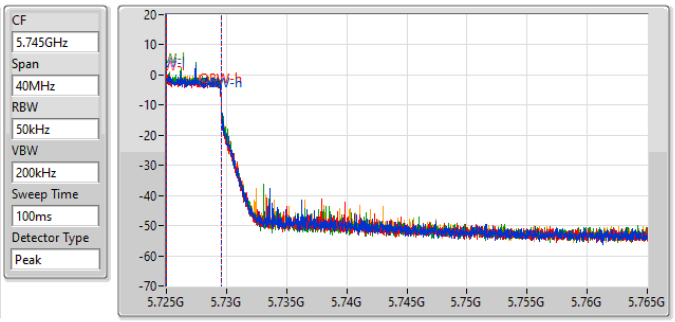
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.7091G	5.725G	14.588M	5.71036G	5.724948G	Inf	1
15.87M	5.70913G	5.725G	14.558M	5.710375G	5.724933G	Inf	2
15.885M	5.709115G	5.725G	14.573M	5.71036G	5.724933G	Inf	3
15.765M	5.709235G	5.725G	14.558M	5.710375G	5.724933G	Inf	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

01/03/2023



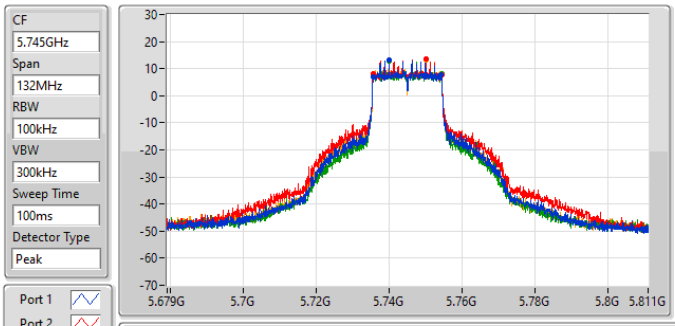


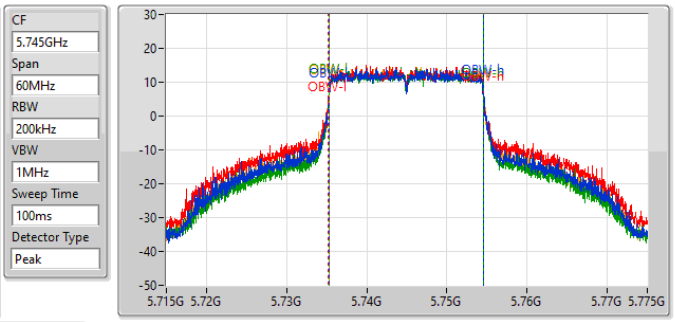
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.42M	5.725G	5.72942G	4.538M	5.72503G	5.729568G	500k	1
4.4M	5.725G	5.7294G	4.518M	5.72503G	5.729548G	500k	2
4.4M	5.725G	5.7294G	4.538M	5.72503G	5.729568G	500k	3
4.4M	5.725G	5.7294G	4.538M	5.72503G	5.729568G	500k	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5745MHz

01/03/2023



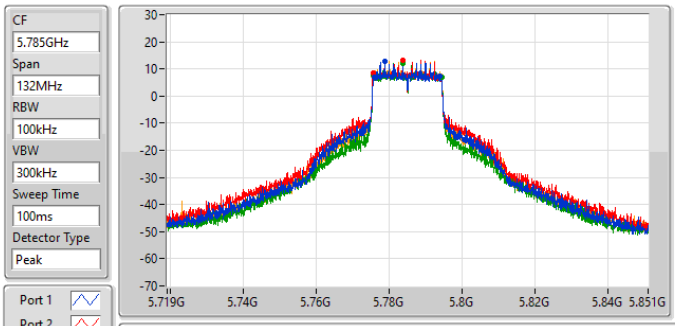


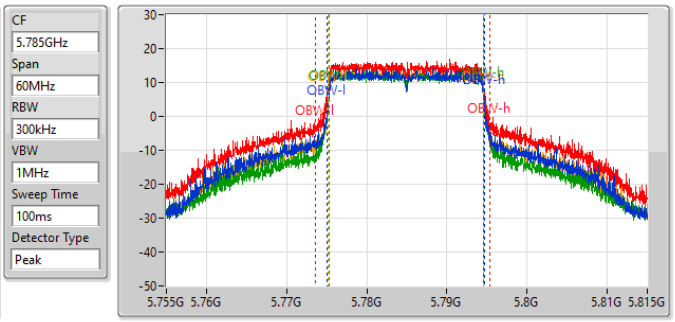
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.546M	5.735496G	5.754042G	19.22M	5.735345G	5.754565G	500k	1
18.678M	5.735628G	5.754306G	19.43M	5.735195G	5.754625G	500k	2
18.81M	5.735496G	5.754306G	19.19M	5.735345G	5.754535G	500k	3
18.546M	5.735562G	5.754108G	19.19M	5.735345G	5.754535G	500k	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5785MHz

01/03/2023



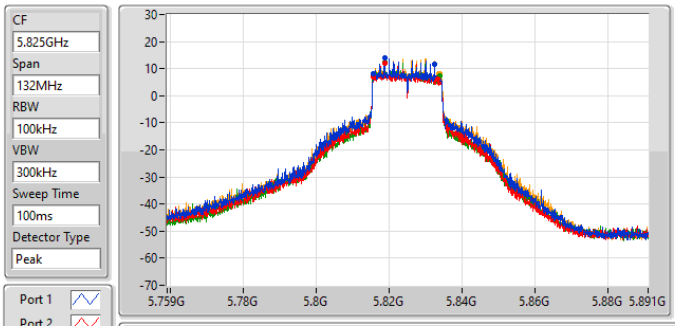


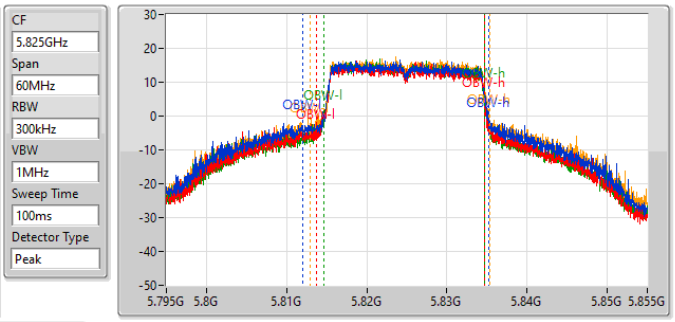
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.15M	5.77576G	5.79391G	19.55M	5.775105G	5.794655G	500k	1
18.15M	5.775562G	5.793712G	21.769M	5.773606G	5.795375G	500k	2
18.81M	5.775562G	5.794372G	19.22M	5.775315G	5.794535G	500k	3
18.678M	5.775562G	5.79424G	19.4M	5.775225G	5.794625G	500k	4

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5825MHz

01/03/2023



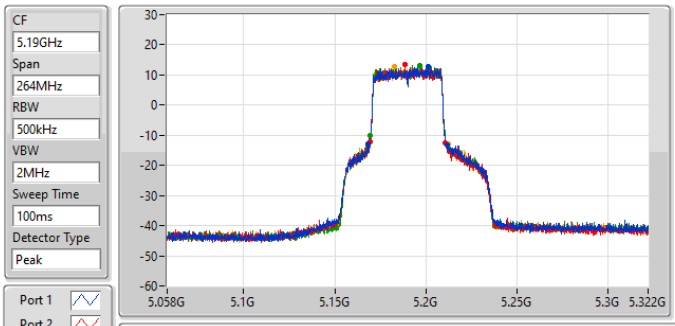


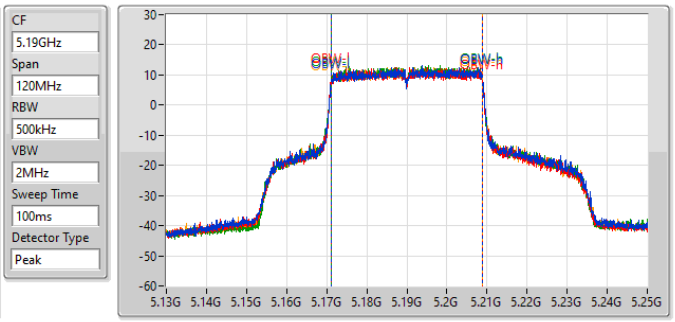
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.896M	5.815562G	5.832458G	23.298M	5.811957G	5.835255G	500k	1
17.622M	5.815562G	5.833184G	21.019M	5.813696G	5.834715G	500k	2
18.216M	5.815496G	5.833712G	20.03M	5.814655G	5.834685G	500k	3
18.348M	5.815562G	5.83391G	22.369M	5.812946G	5.835315G	500k	4

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5190MHz

01/03/2023



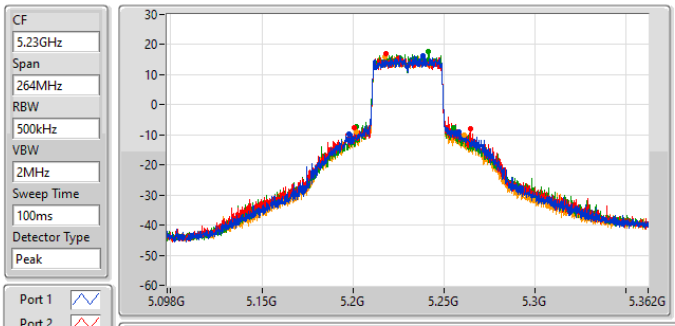


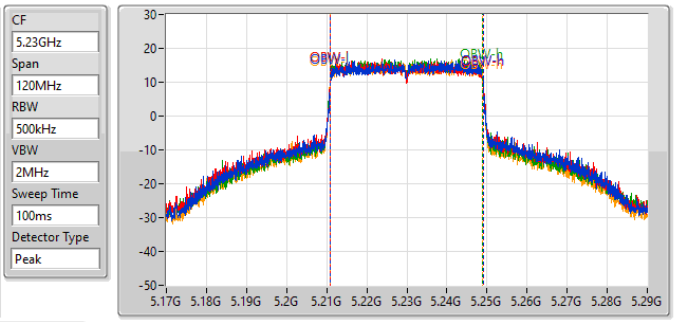
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.296M	5.168352G	5.211648G	37.841M	5.171109G	5.208951G	Inf	1
41.316M	5.16954G	5.210856G	37.841M	5.171109G	5.208951G	Inf	2
41.316M	5.169672G	5.210988G	37.841M	5.171109G	5.208951G	Inf	3
43.56M	5.169012G	5.212572G	37.841M	5.171109G	5.208951G	Inf	4

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5230MHz

01/03/2023



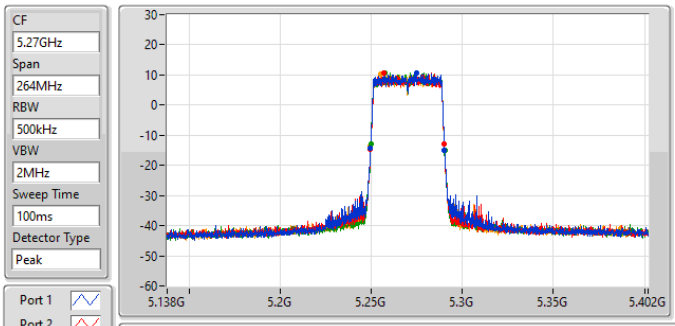


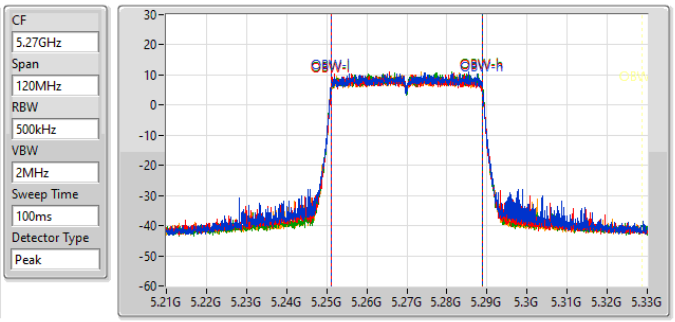
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
59.928M	5.198056G	5.257984G	38.081M	5.21093G	5.24901G	Inf	1
63.888M	5.200564G	5.264452G	38.081M	5.21093G	5.24901G	Inf	2
53.46M	5.20162G	5.25508G	37.901M	5.21099G	5.248891G	Inf	3
59.136M	5.201752G	5.260888G	38.021M	5.21093G	5.248951G	Inf	4

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5270MHz

01/03/2023



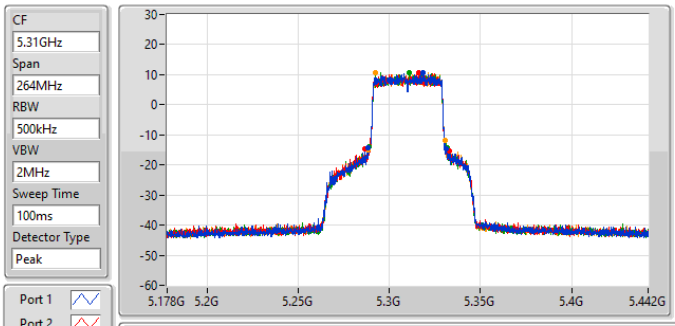


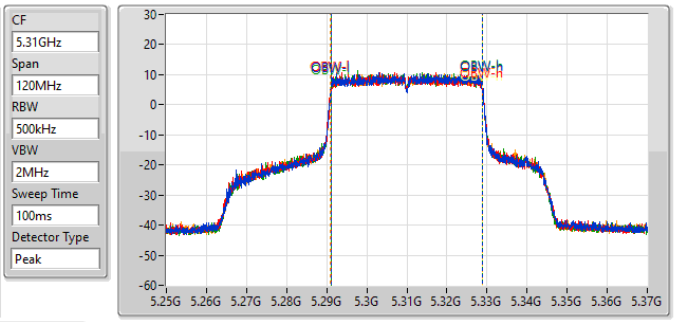
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.656M	5.24954G	5.290196G	37.721M	5.251109G	5.288831G	Inf	1
40.392M	5.249672G	5.290064G	37.721M	5.251109G	5.288831G	Inf	2
40.524M	5.249804G	5.290328G	37.721M	5.251169G	5.288891G	Inf	3
40.524M	5.249672G	5.290196G	37.781M	5.251109G	5.288891G	Inf	4

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5310MHz

01/03/2023



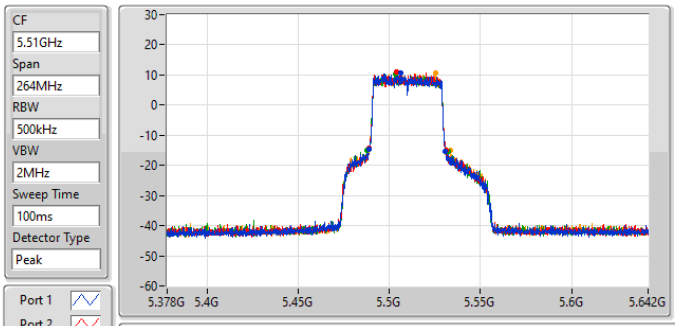


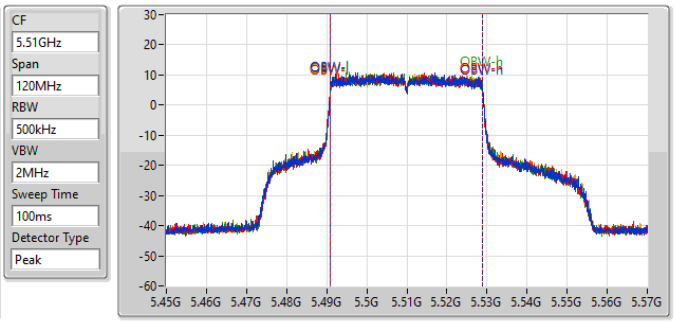
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.768M	5.28822G	5.330988G	37.901M	5.291049G	5.328951G	Inf	1
46.2M	5.286636G	5.332836G	37.841M	5.291049G	5.328891G	Inf	2
43.032M	5.288748G	5.33178G	37.841M	5.291049G	5.328891G	Inf	3
42.372M	5.288484G	5.330856G	37.901M	5.29099G	5.328891G	Inf	4

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5510MHz

01/03/2023



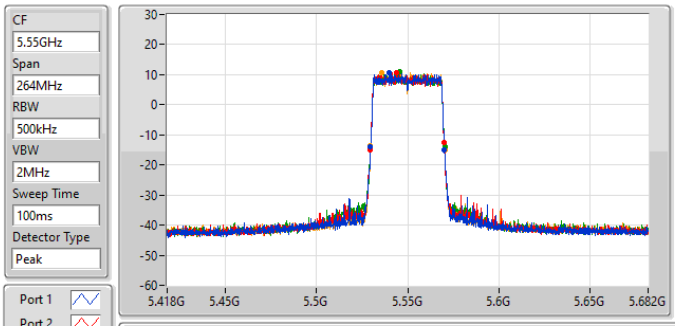


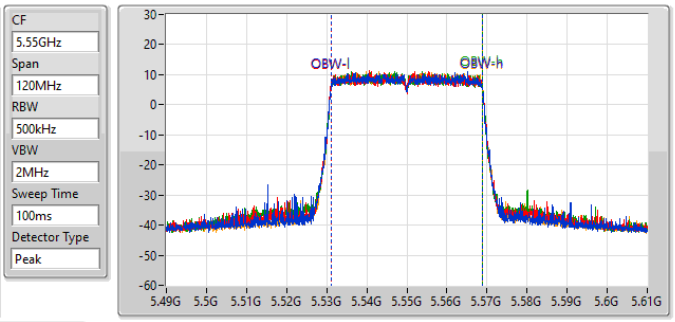
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.24M	5.488616G	5.530856G	37.901M	5.49099G	5.528891G	Inf	1
42.108M	5.48888G	5.530988G	37.901M	5.49099G	5.528891G	Inf	2
45.012M	5.48756G	5.532572G	37.901M	5.49099G	5.528891G	Inf	3
45.276M	5.488484G	5.53376G	37.901M	5.49099G	5.528891G	Inf	4

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5550MHz

01/03/2023



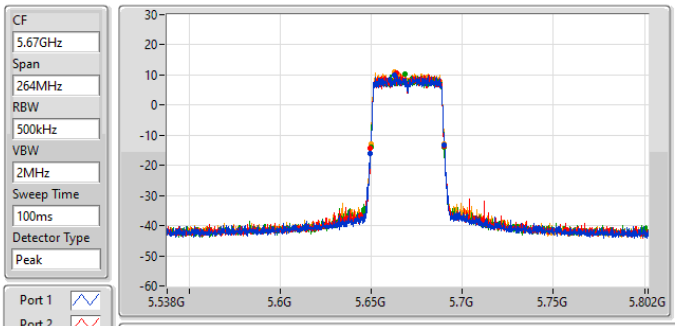


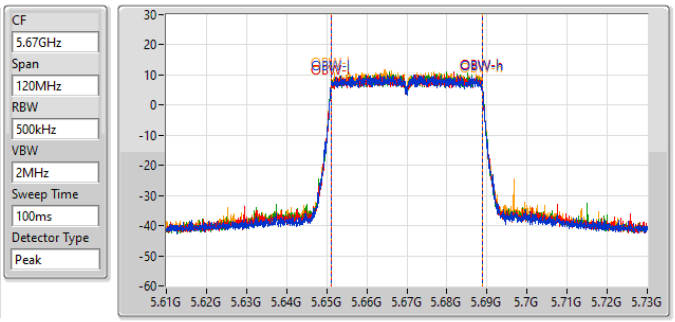
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.524M	5.529672G	5.570196G	37.721M	5.531109G	5.568831G	Inf	1
40.524M	5.529672G	5.570196G	37.781M	5.531049G	5.568831G	Inf	2
40.788M	5.52954G	5.570328G	37.661M	5.531109G	5.568771G	Inf	3
40.656M	5.529672G	5.570328G	37.721M	5.531109G	5.568831G	Inf	4

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5670MHz

01/03/2023



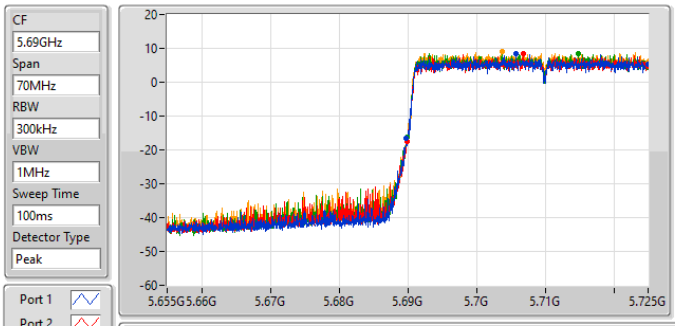


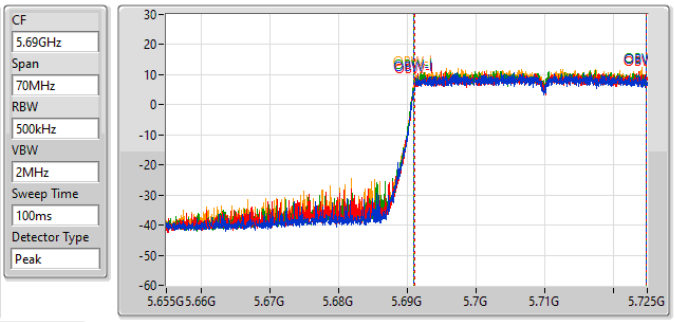
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.524M	5.649672G	5.690196G	37.781M	5.651049G	5.688831G	Inf	1
40.524M	5.649672G	5.690196G	37.721M	5.651109G	5.688831G	Inf	2
40.26M	5.649804G	5.690064G	37.721M	5.651109G	5.688831G	Inf	3
40.26M	5.649804G	5.690064G	37.661M	5.651109G	5.688771G	Inf	4

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.47-5.725GHz

01/03/2023



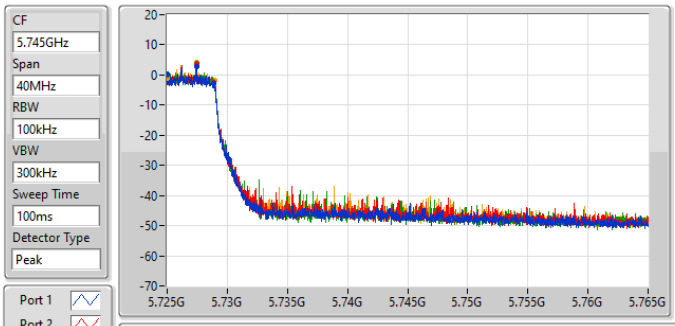


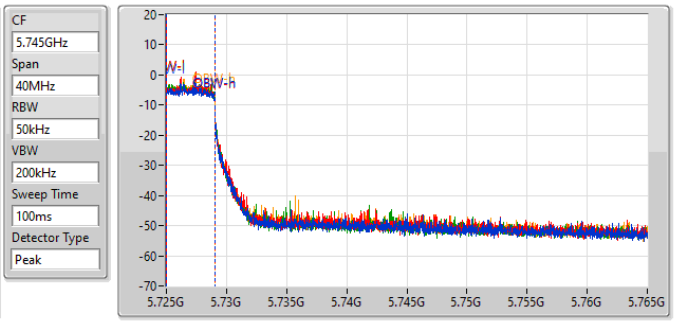
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.758M	5.691049G	5.724808G	Inf	1
35.07M	5.68993G	5.725G	33.758M	5.691084G	5.724843G	Inf	2
35.035M	5.689965G	5.725G	33.723M	5.691049G	5.724773G	Inf	3
35.14M	5.68986G	5.725G	33.758M	5.691049G	5.724808G	Inf	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.725-5.85GHz

01/03/2023



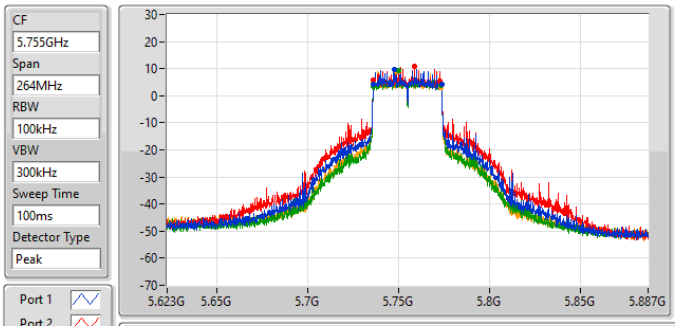


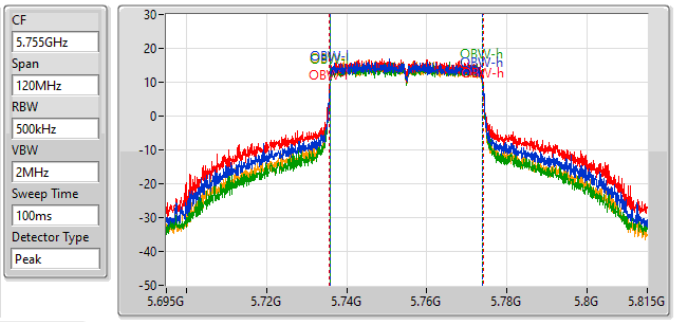
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	4.018M	5.72503G	5.729048G	500k	1
3.86M	5.725G	5.72886G	4.038M	5.72501G	5.729048G	500k	2
3.78M	5.725G	5.72878G	4.038M	5.72501G	5.729048G	500k	3
3.94M	5.725G	5.72894G	4.038M	5.72501G	5.729048G	500k	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5755MHz

01/03/2023



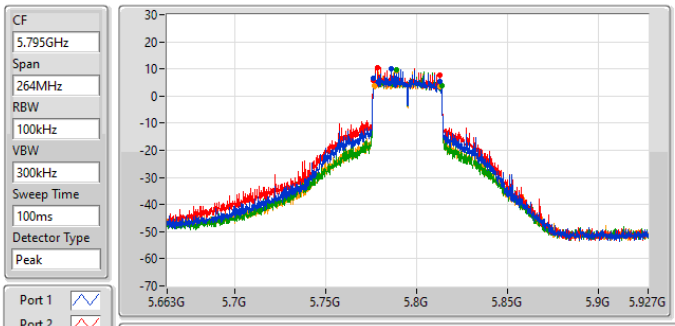


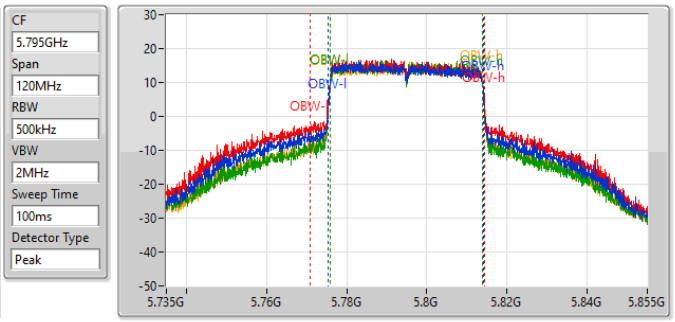
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.736124G	5.773744G	38.021M	5.73593G	5.773951G	500k	1
36.696M	5.736124G	5.77282G	38.561M	5.73557G	5.77413G	500k	2
36.96M	5.736256G	5.773216G	37.901M	5.73599G	5.773891G	500k	3
37.224M	5.736124G	5.773348G	37.901M	5.73593G	5.773831G	500k	4

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5795MHz

01/03/2023



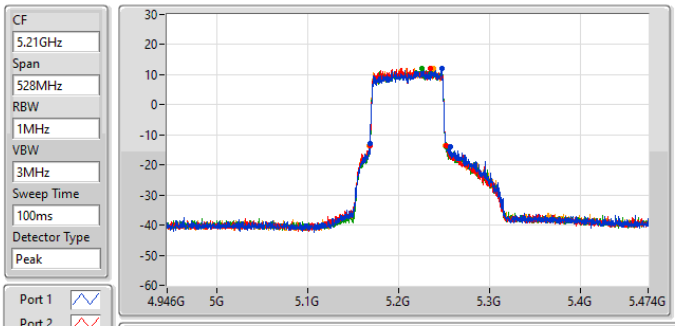


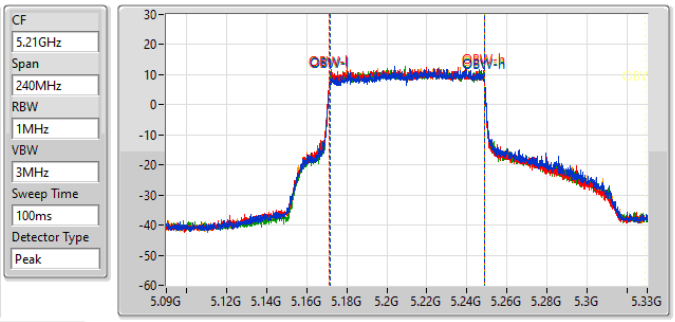
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.776124G	5.812424G	38.561M	5.77545G	5.81401G	500k	1
36.3M	5.776124G	5.812424G	43.538M	5.770772G	5.81431G	500k	2
37.488M	5.776124G	5.813612G	37.961M	5.77593G	5.813891G	500k	3
36.3M	5.776652G	5.812952G	37.961M	5.77593G	5.813891G	500k	4

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5210MHz

01/03/2023



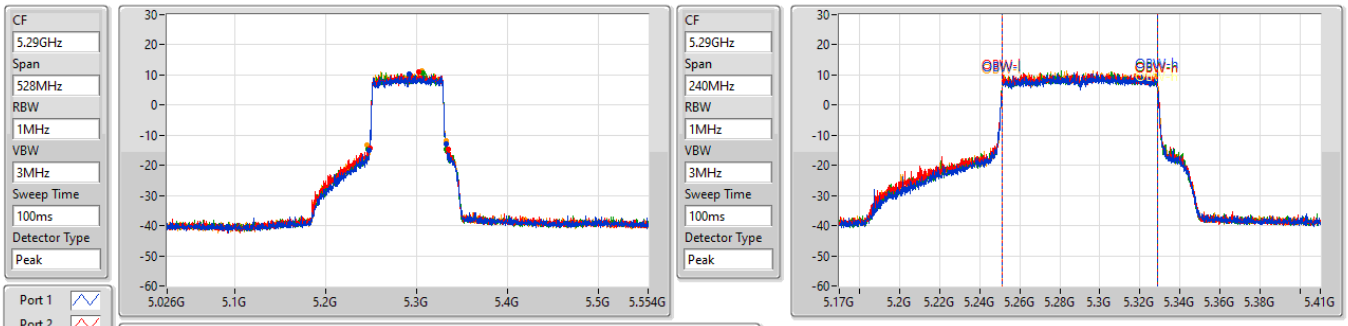


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.648M	5.168816G	5.256464G	77.361M	5.171499G	5.248861G	Inf	1
83.688M	5.168552G	5.25224G	77.241M	5.171379G	5.248621G	Inf	2
83.688M	5.168552G	5.25224G	77.241M	5.171499G	5.248741G	Inf	3
84.216M	5.167496G	5.251712G	77.361M	5.171379G	5.248741G	Inf	4

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5290MHz

01/03/2023

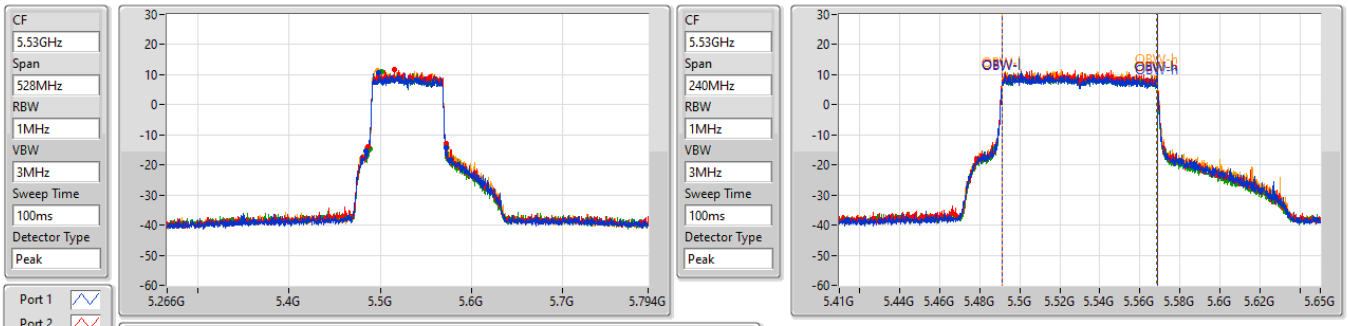


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.272M	5.247496G	5.332768G	77.481M	5.251259G	5.328741G	Inf	1
86.592M	5.248288G	5.33488G	77.481M	5.251259G	5.328741G	Inf	2
85.8M	5.246704G	5.332504G	77.481M	5.251259G	5.328741G	Inf	3
87.12M	5.245384G	5.332504G	77.481M	5.251259G	5.328741G	Inf	4

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5530MHz

01/03/2023

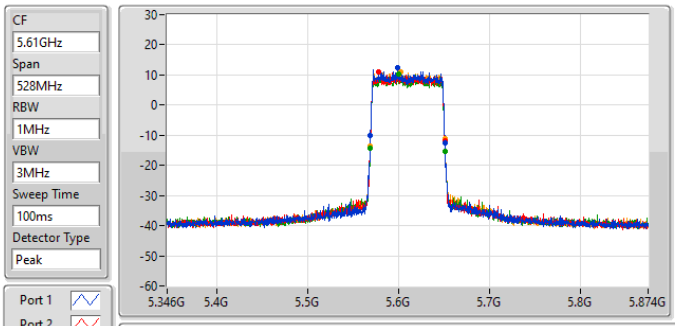


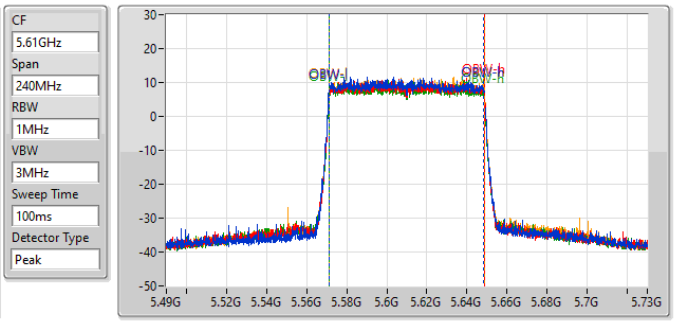
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.648M	5.484328G	5.571976G	77.601M	5.491139G	5.568741G	Inf	1
86.592M	5.486176G	5.572768G	77.481M	5.491139G	5.568621G	Inf	2
83.952M	5.488288G	5.57224G	77.241M	5.491259G	5.568501G	Inf	3
87.648M	5.485384G	5.573032G	77.481M	5.491259G	5.568741G	Inf	4

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5610MHz

01/03/2023



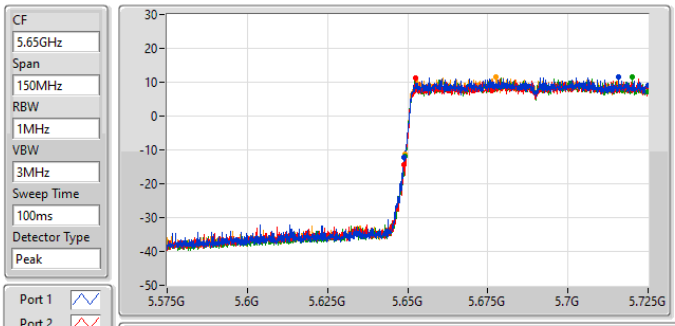


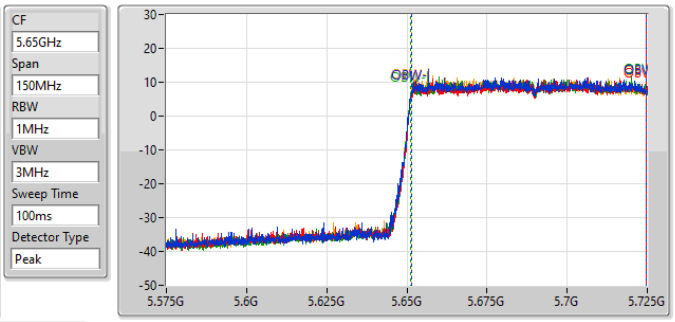
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.312M	5.569344G	5.650656G	77.241M	5.571259G	5.648501G	Inf	1
81.312M	5.569344G	5.650656G	77.361M	5.571259G	5.648621G	Inf	2
81.84M	5.56908G	5.65092G	77.241M	5.571259G	5.648501G	Inf	3
81.84M	5.56908G	5.65092G	77.361M	5.571259G	5.648621G	Inf	4

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.47-5.725GHz

01/03/2023



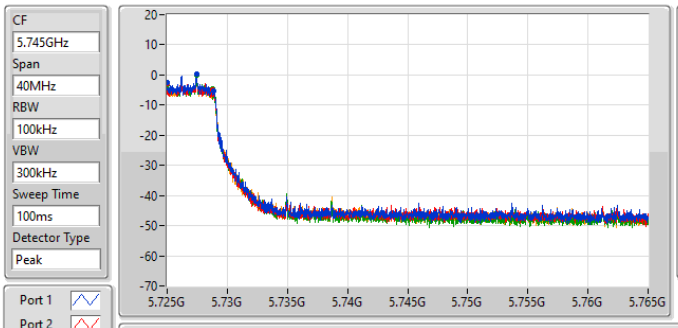


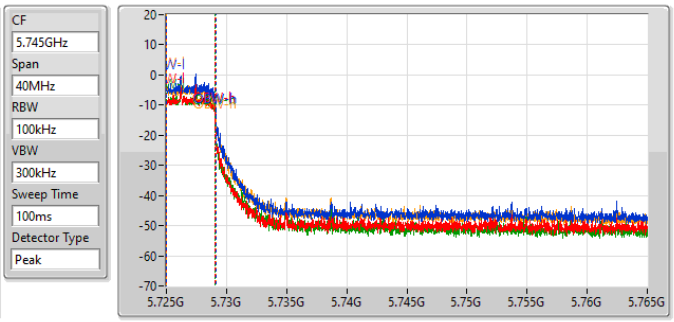
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.275M	5.648725G	5.725G	73.163M	5.651349G	5.724513G	Inf	1
76.125M	5.648875G	5.725G	73.163M	5.651424G	5.724588G	Inf	2
75.9M	5.6491G	5.725G	73.238M	5.651274G	5.724513G	Inf	3
75.825M	5.649175G	5.725G	73.163M	5.651349G	5.724513G	Inf	4

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.725-5.85GHz

01/03/2023



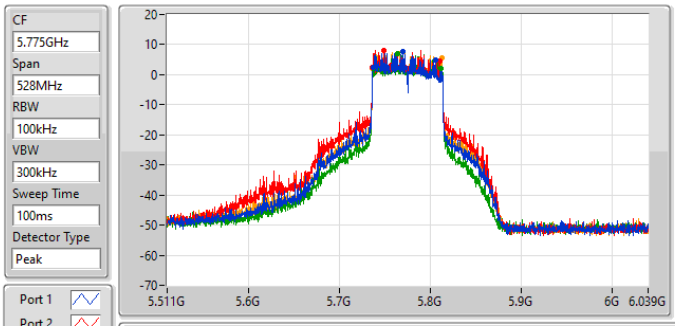


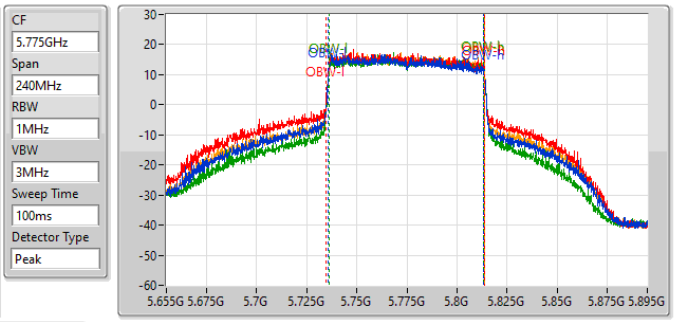
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	4.138M	5.72501G	5.729148G	500k	1
3.74M	5.725G	5.72874G	4.058M	5.72501G	5.729068G	500k	2
3.74M	5.725G	5.72874G	4.038M	5.72503G	5.729068G	500k	3
3.84M	5.725G	5.72884G	4.138M	5.72501G	5.729148G	500k	4

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5775MHz

01/03/2023



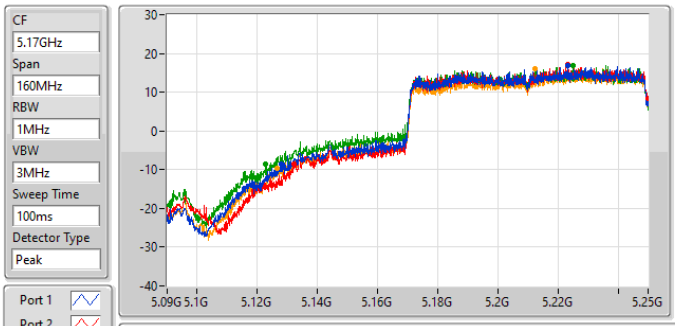


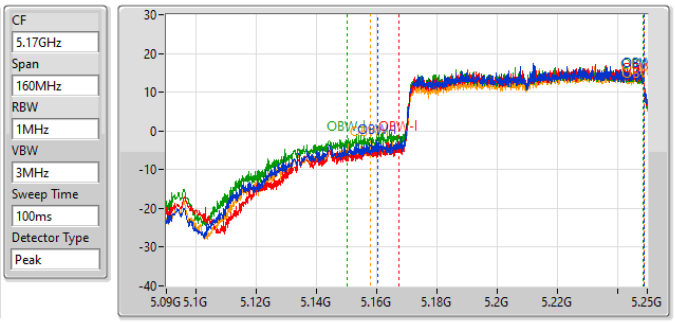
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
68.904M	5.737248G	5.806152G	77.601M	5.7359G	5.813501G	500k	1
73.92M	5.736192G	5.810112G	78.801M	5.73482G	5.813621G	500k	2
73.656M	5.737512G	5.811168G	77.361M	5.736139G	5.813501G	500k	3
76.296M	5.736192G	5.812488G	77.601M	5.736019G	5.813621G	500k	4

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.15-5.25GHz

23/02/2023



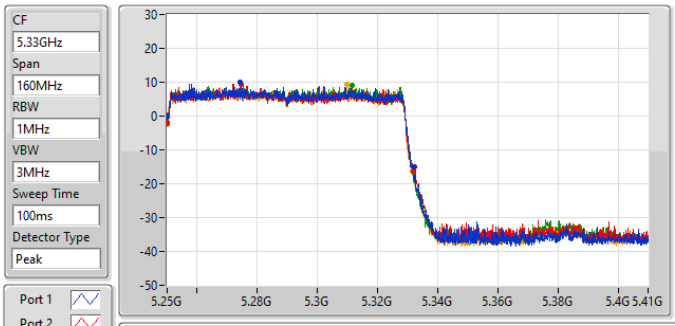


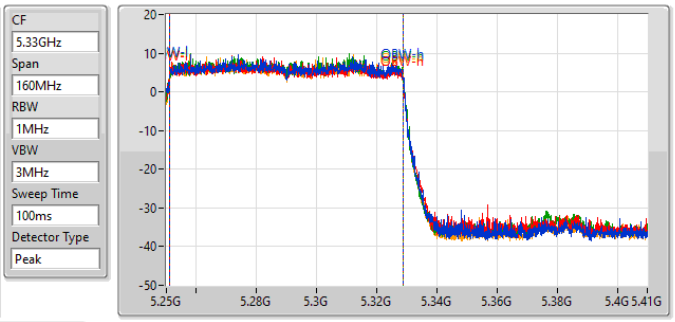
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
122.16M	5.12784G	5.25G	88.516M	5.160405G	5.248921G	Inf	1
117.84M	5.13216G	5.25G	81.399M	5.167521G	5.248921G	Inf	2
127.2M	5.1228G	5.25G	98.591M	5.15017G	5.248761G	Inf	3
123.28M	5.12672G	5.25G	91.074M	5.157926G	5.249G	Inf	4

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.25-5.35GHz

01/03/2023



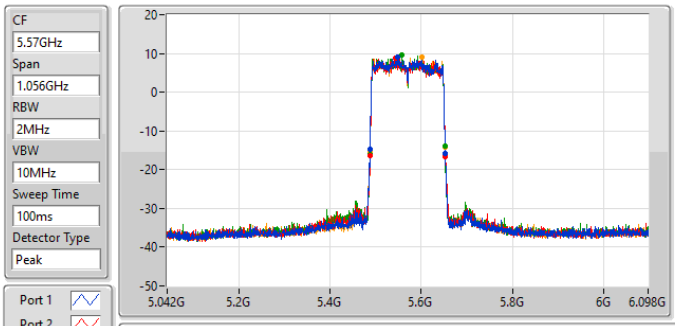


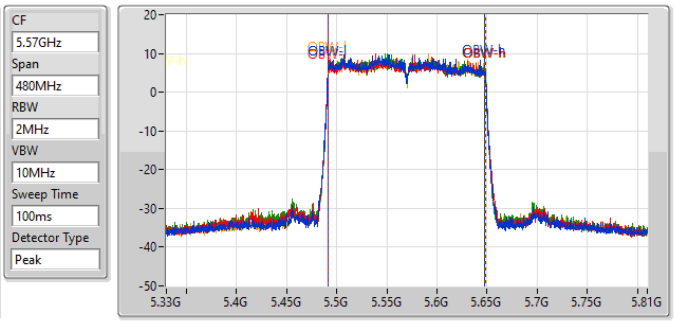
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.24M	5.25G	5.33224G	77.641M	5.251079G	5.328721G	Inf	1
82.08M	5.25G	5.33208G	77.561M	5.251079G	5.328641G	Inf	2
81.76M	5.25G	5.33176G	77.481M	5.251159G	5.328641G	Inf	3
81.6M	5.25G	5.3316G	77.561M	5.251079G	5.328641G	Inf	4

5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5570MHz

01/03/2023





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.264M	5.487104G	5.652368G	156.402M	5.491559G	5.647961G	Inf	1
166.32M	5.487104G	5.653424G	156.642M	5.491559G	5.648201G	Inf	2
164.736M	5.487104G	5.65184G	156.402M	5.491559G	5.647961G	Inf	3
165.264M	5.487632G	5.652896G	156.402M	5.491799G	5.648201G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	39.666M	19.37M	19M4D1D	23.232M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	70.752M	38.201M	38M2D1D	42.372M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.552M	77.481M	77M5D1D	81.84M	77.241M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.6M	77.481M	77M5D1D	81.2M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.542M	19.19M	19M2D1D	21.45M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	47.916M	37.901M	37M9D1D	40.392M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	85.536M	77.601M	77M6D1D	81.576M	77.241M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.56M	77.641M	77M6D1D	81.36M	77.401M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.684M	19.16M	19M2D1D	15.735M	14.528M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.692M	37.901M	37M9D1D	35.07M	33.723M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.288M	77.361M	77M4D1D	75.525M	73.088M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.736M	156.882M	157MD1D	164.208M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.81M	27.796M	27M8D1D	4.44M	4.558M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.752M	54.273M	54M3D1D	3.9M	4.058M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	74.712M	77.721M	77M7D1D	3.64M	4.098M

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

Result

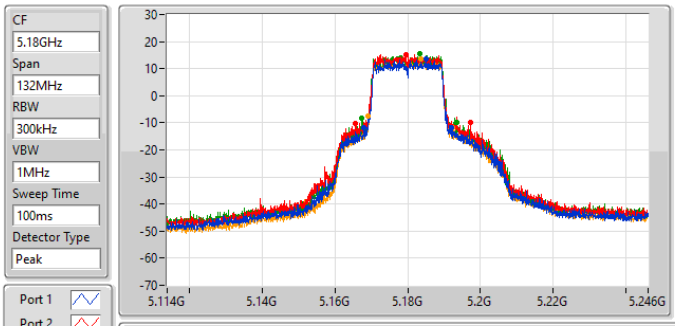
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.892M	19.19M	31.614M	19.16M	26.004M	19.16M	23.232M	19.16M
5200MHz	Pass	Inf	39.204M	19.34M	39.072M	19.37M	27.324M	19.19M	31.482M	19.28M
5240MHz	Pass	Inf	36.3M	19.34M	37.092M	19.31M	31.284M	19.19M	39.666M	19.31M
5260MHz	Pass	Inf	21.582M	19.07M	21.45M	19.01M	21.582M	19.04M	21.582M	19.04M
5300MHz	Pass	Inf	21.648M	19.07M	21.582M	19.04M	21.45M	19.04M	21.582M	19.04M
5320MHz	Pass	Inf	22.704M	19.16M	22.902M	19.19M	25.146M	19.19M	25.542M	19.13M
5500MHz	Pass	Inf	24.684M	19.16M	23.43M	19.16M	24.486M	19.16M	22.704M	19.16M
5580MHz	Pass	Inf	21.582M	19.1M	21.384M	19.07M	21.384M	19.07M	21.45M	19.04M
5700MHz	Pass	Inf	21.648M	19.04M	21.384M	19.07M	21.516M	19.07M	21.648M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	14.528M	15.735M	14.528M	15.96M	14.543M	15.81M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.578M	4.54M	4.558M	4.44M	4.578M	4.48M	4.578M
5745MHz	Pass	500k	18.48M	19.25M	18.348M	19.94M	18.81M	19.25M	18.15M	19.22M
5785MHz	Pass	500k	18.612M	21.049M	18.48M	27.796M	18.48M	19.43M	18.216M	20M
5825MHz	Pass	500k	18.018M	23.178M	17.424M	20.18M	16.434M	20.36M	18.612M	21.349M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.276M	37.901M	42.372M	37.841M	50.028M	37.901M	46.86M	37.841M
5230MHz	Pass	Inf	65.076M	38.201M	70.752M	38.081M	66.924M	38.021M	55.704M	37.901M
5270MHz	Pass	Inf	40.392M	37.781M	40.392M	37.661M	40.524M	37.721M	40.788M	37.721M
5310MHz	Pass	Inf	47.916M	37.841M	43.956M	37.901M	44.22M	37.901M	46.332M	37.841M
5510MHz	Pass	Inf	42.768M	37.841M	43.692M	37.901M	42.24M	37.781M	42.636M	37.841M
5550MHz	Pass	Inf	40.524M	37.721M	40.656M	37.781M	40.524M	37.721M	40.656M	37.721M
5670MHz	Pass	Inf	40.524M	37.721M	40.656M	37.661M	40.524M	37.781M	40.524M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.14M	33.758M	35.07M	33.793M	35.14M	33.758M	35.245M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.078M	4M	4.058M	3.96M	4.058M	3.92M	4.058M
5755MHz	Pass	500k	27.72M	38.081M	37.488M	38.441M	37.62M	38.021M	37.356M	37.961M
5795MHz	Pass	500k	37.752M	45.817M	37.092M	54.273M	27.456M	38.441M	35.772M	38.681M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.632M	77.241M	82.632M	77.481M	81.84M	77.241M	90.552M	77.361M
5290MHz	Pass	Inf	81.84M	77.241M	85.536M	77.601M	81.576M	77.361M	85.008M	77.361M
5530MHz	Pass	Inf	85.8M	77.361M	90.288M	77.241M	84.744M	77.361M	81.84M	77.361M
5610MHz	Pass	Inf	81.312M	77.241M	82.104M	77.361M	81.048M	77.121M	81.312M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	73.313M	75.525M	73.313M	75.6M	73.238M	75.975M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.158M	3.9M	4.158M	3.92M	4.138M	3.64M	4.098M
5775MHz	Pass	500k	72.6M	77.121M	70.488M	77.241M	72.864M	77.481M	74.712M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.36M	77.481M	81.36M	77.321M	81.6M	77.401M	81.2M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	77.641M	81.36M	77.481M	81.76M	77.401M	81.76M	77.481M
5570MHz	Pass	Inf	164.736M	156.642M	164.736M	156.642M	164.208M	156.882M	164.208M	156.162M

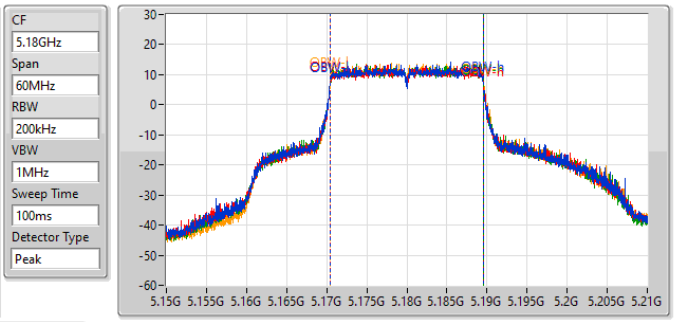
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5180MHz

10/03/2023



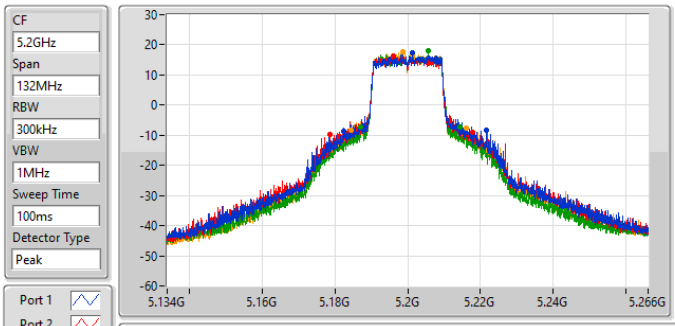


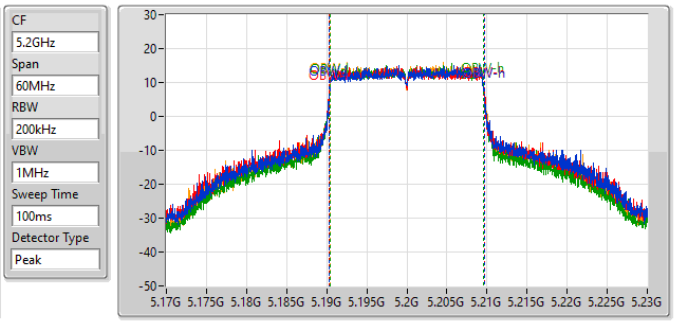
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.892M	5.168054G	5.191946G	19.19M	5.170405G	5.189595G	Inf	1
31.614M	5.165678G	5.197292G	19.16M	5.170435G	5.189595G	Inf	2
26.004M	5.167394G	5.193398G	19.16M	5.170435G	5.189595G	Inf	3
23.232M	5.169176G	5.192408G	19.16M	5.170435G	5.189595G	Inf	4

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5200MHz

10/03/2023



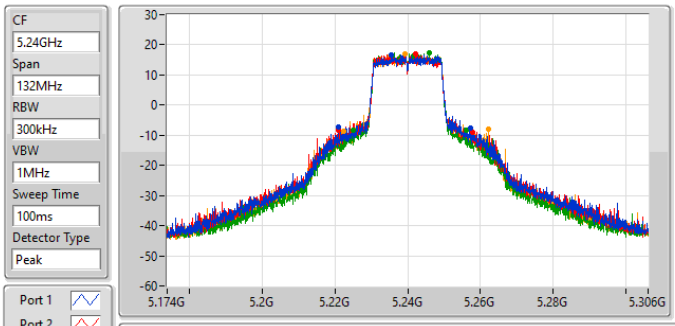


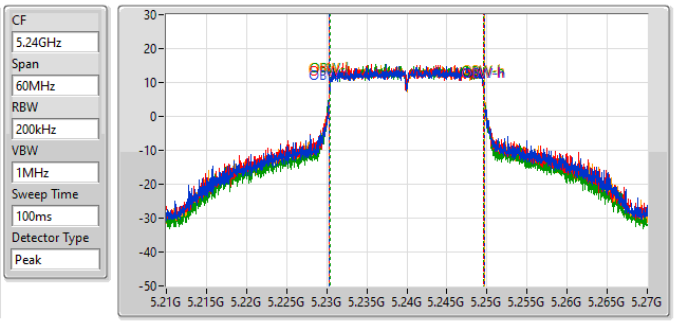
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.204M	5.182378G	5.221582G	19.34M	5.190345G	5.209685G	Inf	1
39.072M	5.178682G	5.217754G	19.37M	5.190285G	5.209655G	Inf	2
27.324M	5.18713G	5.214454G	19.19M	5.190405G	5.209595G	Inf	3
31.482M	5.184622G	5.216104G	19.28M	5.190375G	5.209655G	Inf	4

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5240MHz

10/03/2023



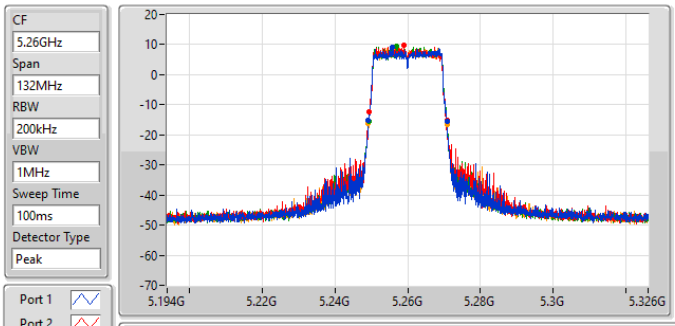


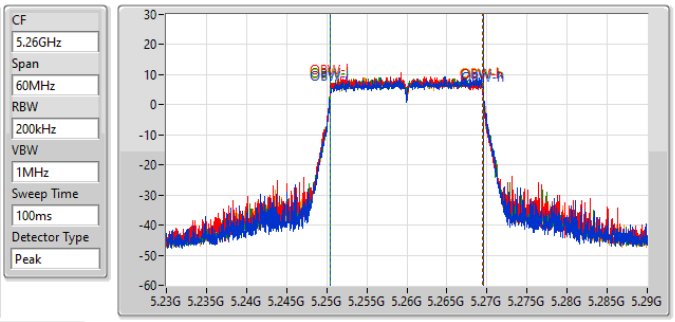
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.220926G	5.257226G	19.34M	5.230345G	5.249685G	Inf	1
37.092M	5.22086G	5.257952G	19.31M	5.230315G	5.249625G	Inf	2
31.284M	5.224952G	5.256236G	19.19M	5.230405G	5.249595G	Inf	3
39.666M	5.22251G	5.262176G	19.31M	5.230345G	5.249655G	Inf	4

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5260MHz

10/03/2023



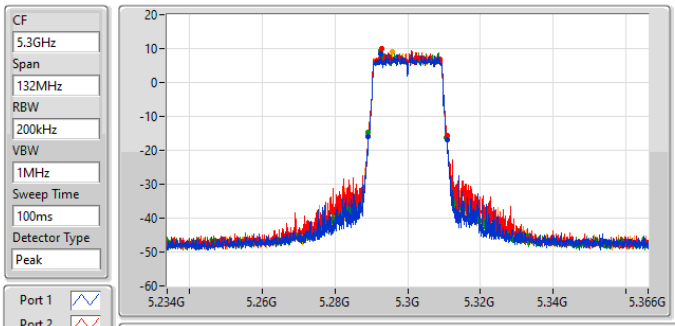


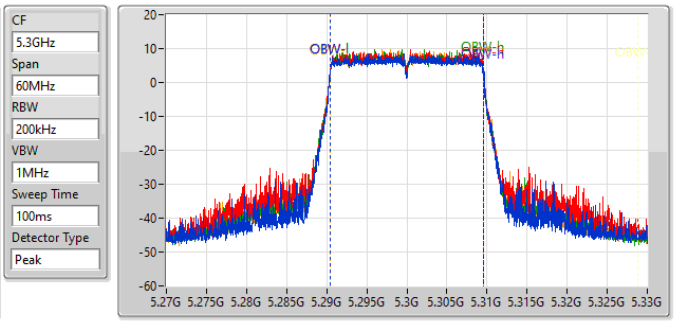
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.582M	5.249242G	5.270824G	19.07M	5.250465G	5.269535G	Inf	1
21.45M	5.24944G	5.27089G	19.01M	5.250465G	5.269475G	Inf	2
21.582M	5.249308G	5.27089G	19.04M	5.250465G	5.269505G	Inf	3
21.582M	5.249176G	5.270758G	19.04M	5.250435G	5.269475G	Inf	4

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5300MHz

10/03/2023



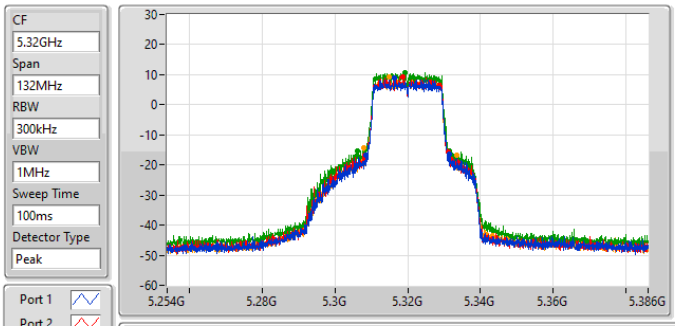


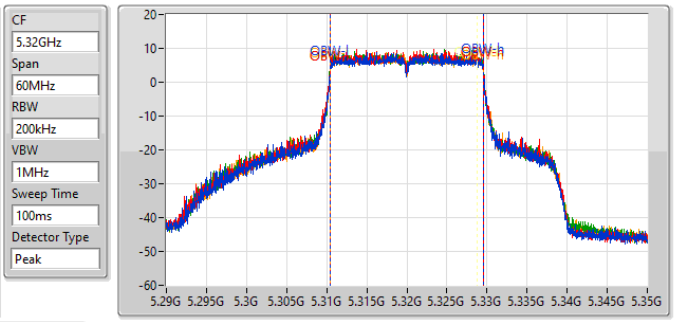
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.648M	5.289176G	5.310824G	19.07M	5.290465G	5.309535G	Inf	1
21.582M	5.289242G	5.310824G	19.04M	5.290465G	5.309505G	Inf	2
21.45M	5.289242G	5.310692G	19.04M	5.290465G	5.309505G	Inf	3
21.582M	5.289242G	5.310824G	19.04M	5.290465G	5.309505G	Inf	4

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5320MHz

10/03/2023



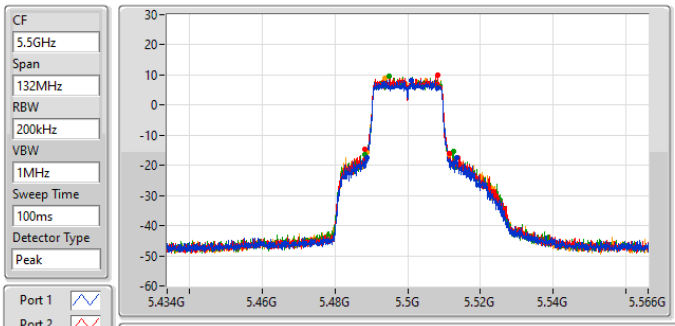


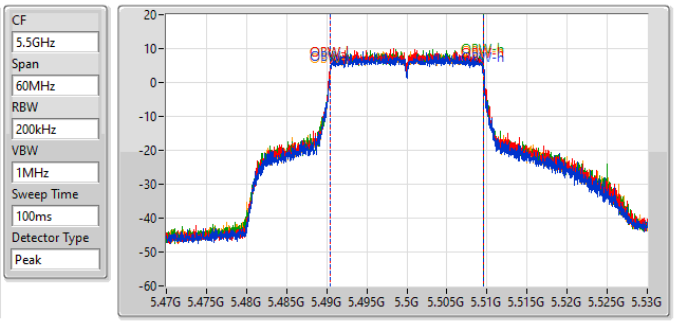
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.704M	5.308648G	5.331352G	19.16M	5.310405G	5.329565G	Inf	1
22.902M	5.308384G	5.331286G	19.19M	5.310375G	5.329565G	Inf	2
25.146M	5.306206G	5.331352G	19.19M	5.310375G	5.329565G	Inf	3
25.542M	5.307988G	5.33353G	19.13M	5.310405G	5.329535G	Inf	4

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5500MHz

10/03/2023



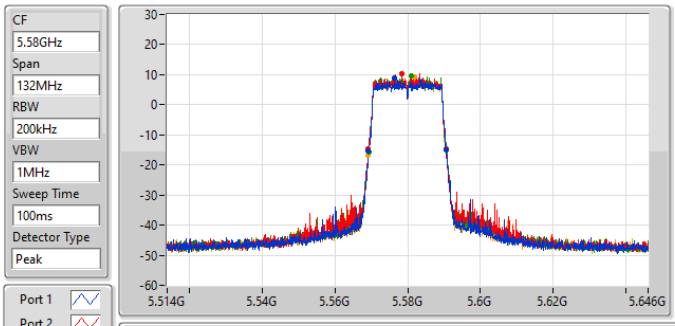


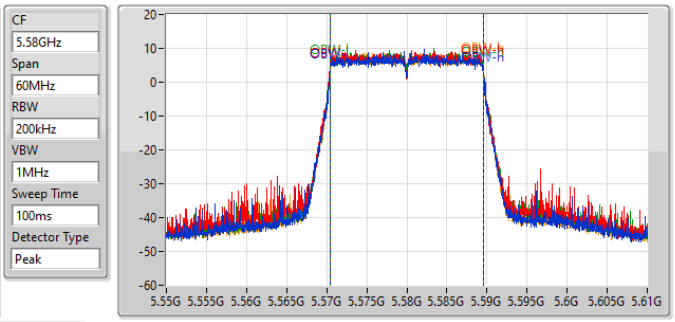
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.684M	5.488912G	5.513596G	19.16M	5.490405G	5.509565G	Inf	1
23.43M	5.48812G	5.51155G	19.16M	5.490405G	5.509565G	Inf	2
24.486M	5.48812G	5.512606G	19.16M	5.490405G	5.509565G	Inf	3
22.704M	5.488714G	5.511418G	19.16M	5.490405G	5.509565G	Inf	4

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5580MHz

10/03/2023



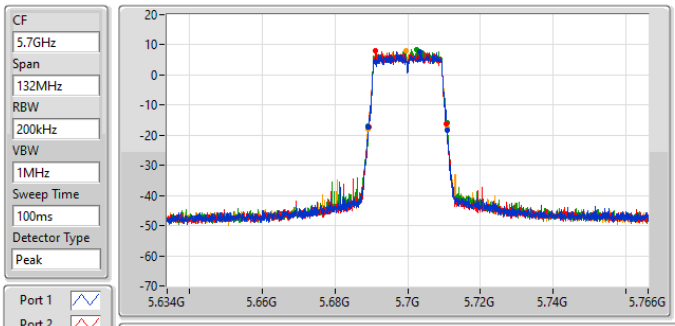


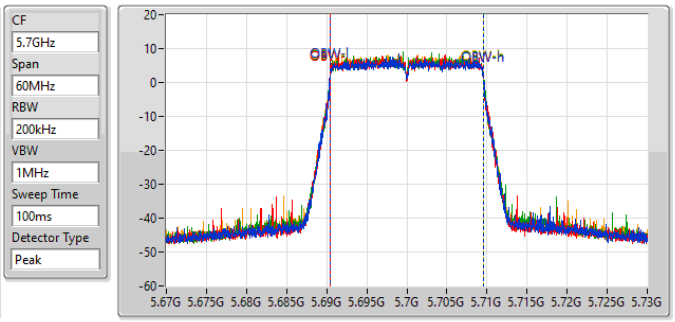
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.582M	5.56911G	5.590692G	19.1M	5.570435G	5.589535G	Inf	1
21.384M	5.569242G	5.590626G	19.07M	5.570435G	5.589505G	Inf	2
21.384M	5.569308G	5.590692G	19.07M	5.570435G	5.589505G	Inf	3
21.45M	5.569242G	5.590692G	19.04M	5.570465G	5.589505G	Inf	4

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5700MHz

10/03/2023



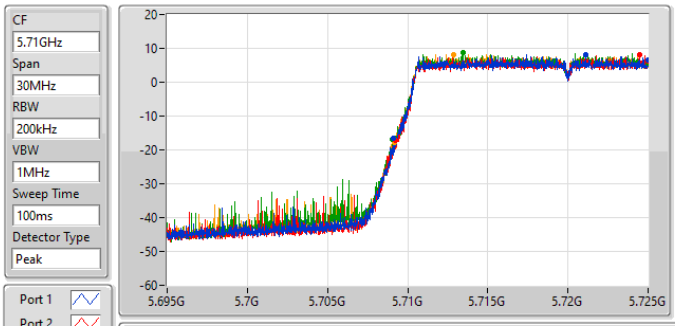


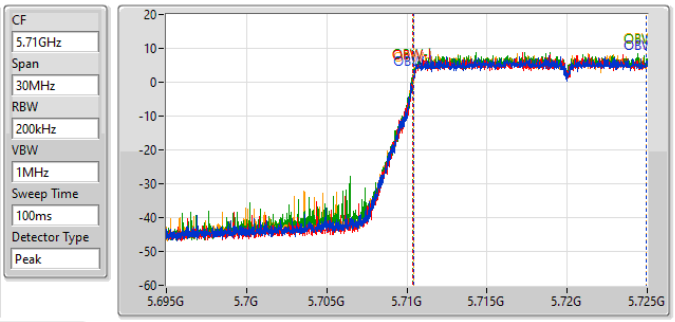
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.648M	5.689176G	5.710824G	19.04M	5.690465G	5.709505G	Inf	1
21.384M	5.689308G	5.710692G	19.07M	5.690435G	5.709505G	Inf	2
21.516M	5.689242G	5.710758G	19.07M	5.690465G	5.709535G	Inf	3
21.648M	5.689176G	5.710824G	19.04M	5.690465G	5.709505G	Inf	4

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

10/03/2023



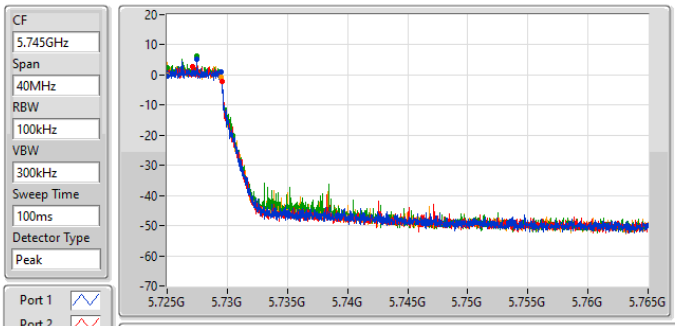


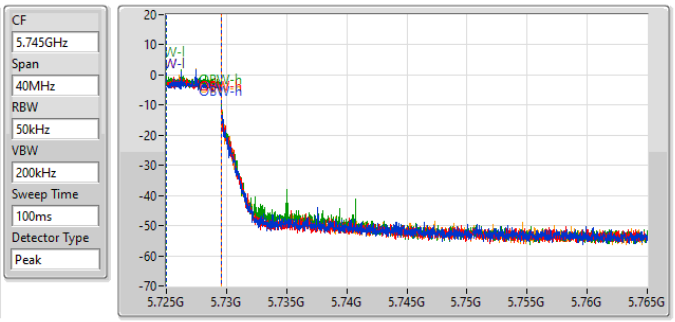
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.87M	5.70913G	5.725G	14.528M	5.710405G	5.724933G	Inf	1
15.735M	5.709265G	5.725G	14.528M	5.71039G	5.724918G	Inf	2
15.96M	5.70904G	5.725G	14.543M	5.71039G	5.724933G	Inf	3
15.81M	5.70919G	5.725G	14.528M	5.710405G	5.724933G	Inf	4

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

10/03/2023



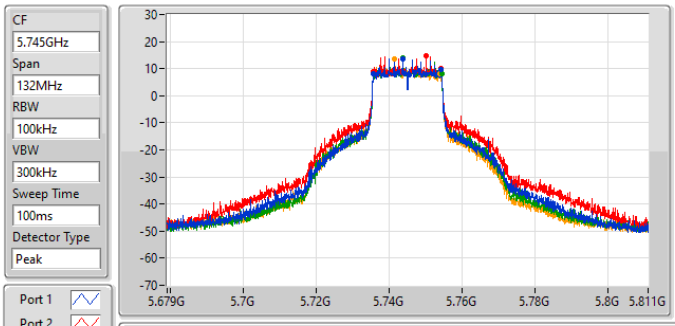


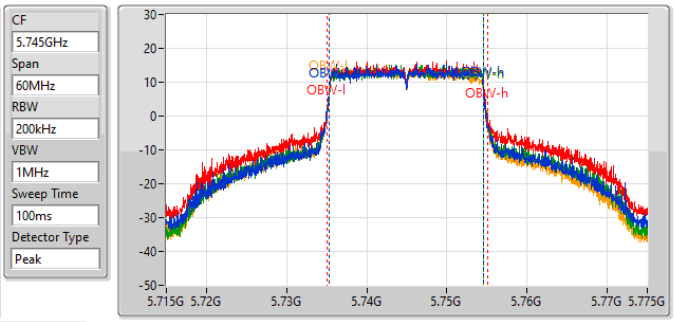
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.578M	5.72503G	5.729608G	500k	1
4.54M	5.725G	5.72954G	4.558M	5.72503G	5.729588G	500k	2
4.44M	5.725G	5.72944G	4.578M	5.72501G	5.729588G	500k	3
4.48M	5.725G	5.72948G	4.578M	5.72503G	5.729608G	500k	4

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5745MHz

10/03/2023



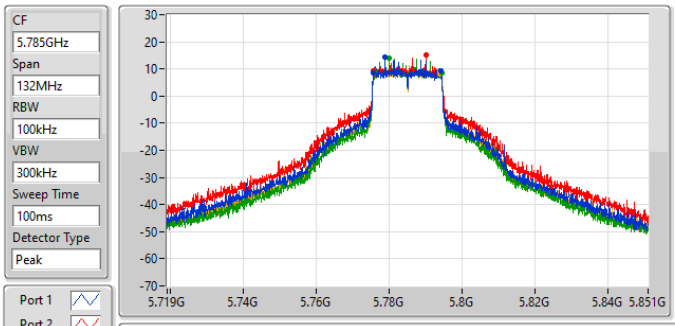


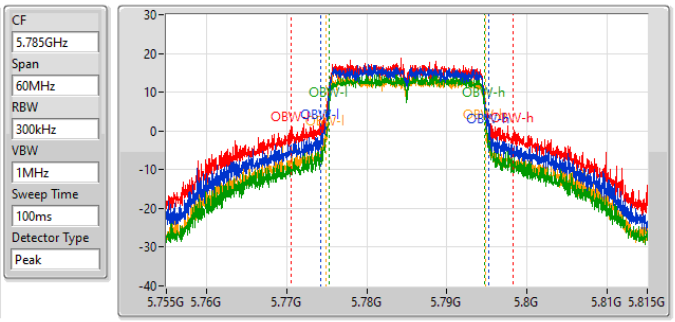
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.735628G	5.754108G	19.25M	5.735315G	5.754565G	500k	1
18.348M	5.735694G	5.754042G	19.94M	5.735105G	5.755045G	500k	2
18.81M	5.735628G	5.754438G	19.25M	5.735345G	5.754595G	500k	3
18.15M	5.735628G	5.753778G	19.22M	5.735315G	5.754535G	500k	4

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5785MHz

10/03/2023



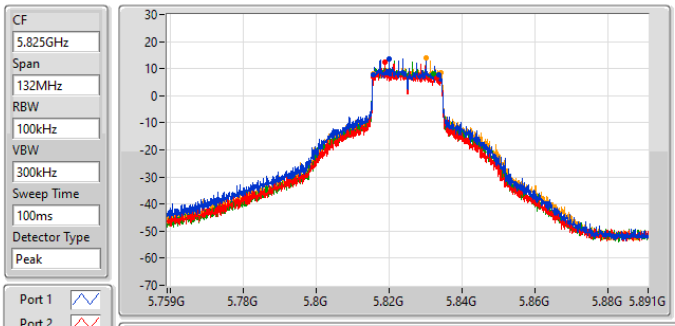


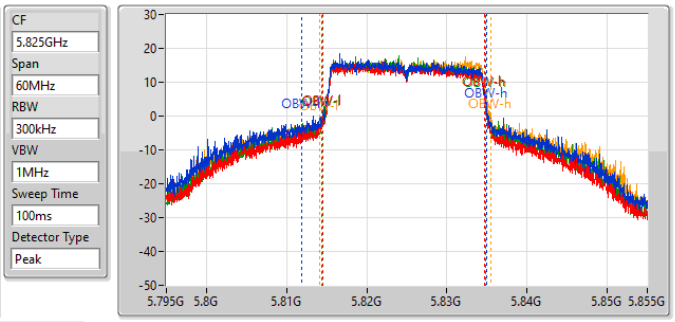
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.612M	5.775562G	5.794174G	21.049M	5.774205G	5.795255G	500k	1
18.48M	5.775628G	5.794108G	27.796M	5.770517G	5.798313G	500k	2
18.48M	5.775826G	5.794306G	19.43M	5.775255G	5.794685G	500k	3
18.216M	5.77576G	5.793976G	20M	5.774865G	5.794865G	500k	4

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5825MHz

10/03/2023



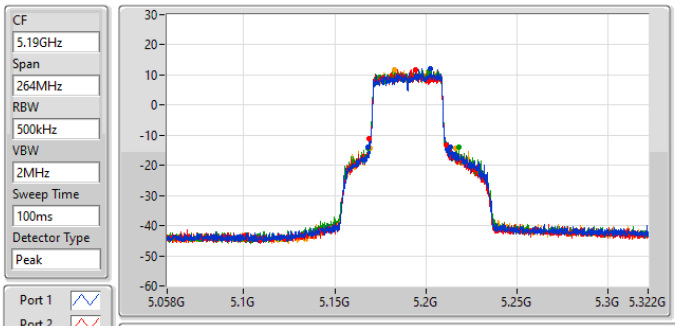


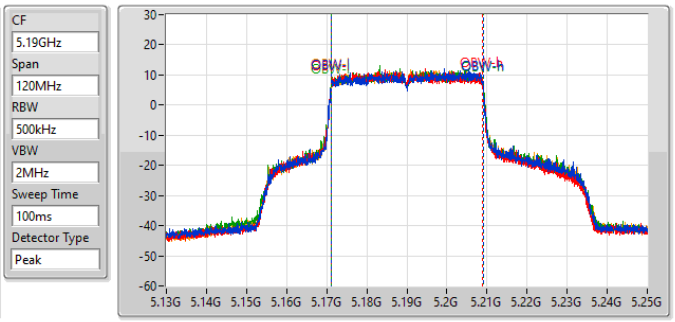
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.018M	5.815562G	5.83358G	23.178M	5.811837G	5.835015G	500k	1
17.424M	5.815562G	5.832986G	20.18M	5.814535G	5.834715G	500k	2
16.434M	5.815694G	5.832128G	20.36M	5.814415G	5.834775G	500k	3
18.612M	5.815562G	5.834174G	21.349M	5.814085G	5.835435G	500k	4

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5190MHz

10/03/2023



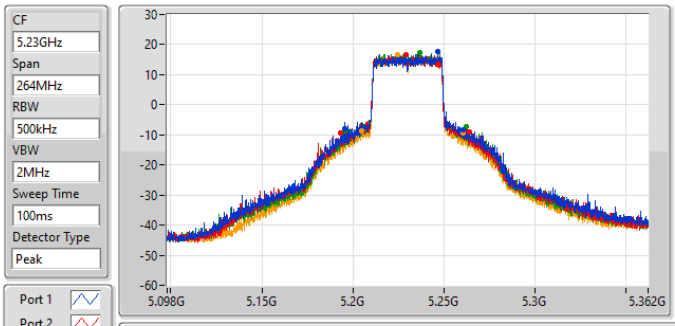


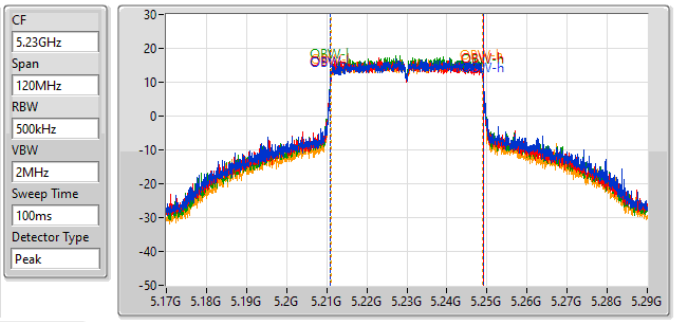
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.276M	5.168484G	5.21376G	37.901M	5.171109G	5.20901G	Inf	1
42.372M	5.169012G	5.211384G	37.841M	5.171109G	5.208951G	Inf	2
50.028M	5.16822G	5.218248G	37.901M	5.171109G	5.20901G	Inf	3
46.86M	5.169276G	5.216136G	37.841M	5.171169G	5.20901G	Inf	4

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5230MHz

10/03/2023



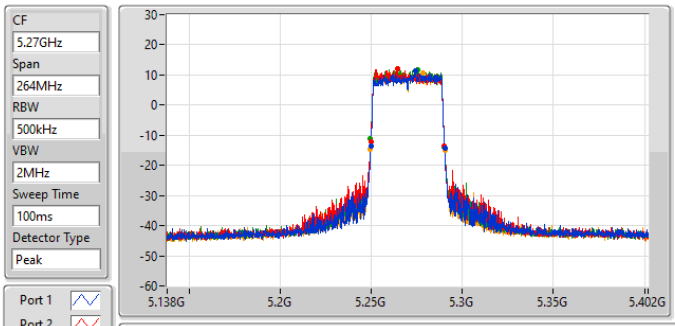


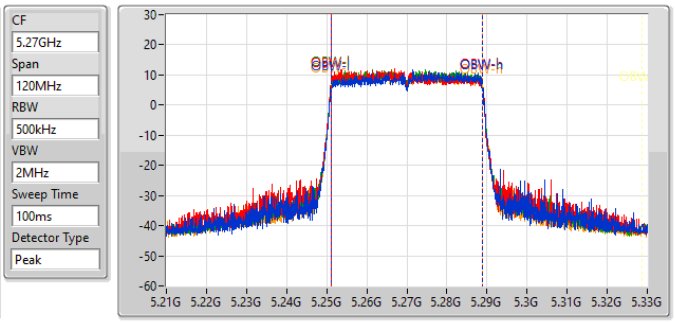
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.076M	5.195548G	5.260624G	38.201M	5.21093G	5.24913G	Inf	1
70.752M	5.193304G	5.264056G	38.081M	5.21093G	5.24901G	Inf	2
66.924M	5.195416G	5.26234G	38.021M	5.21099G	5.24901G	Inf	3
55.704M	5.204656G	5.26036G	37.901M	5.211049G	5.248951G	Inf	4

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5270MHz

10/03/2023



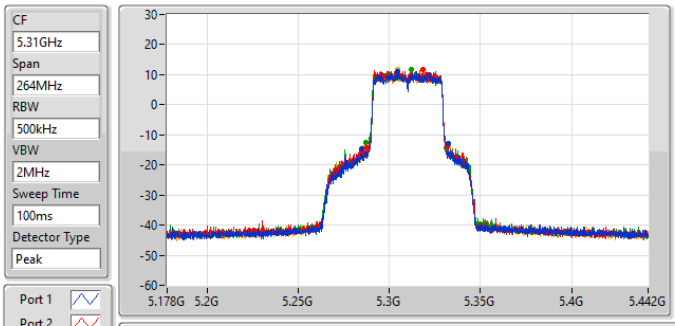


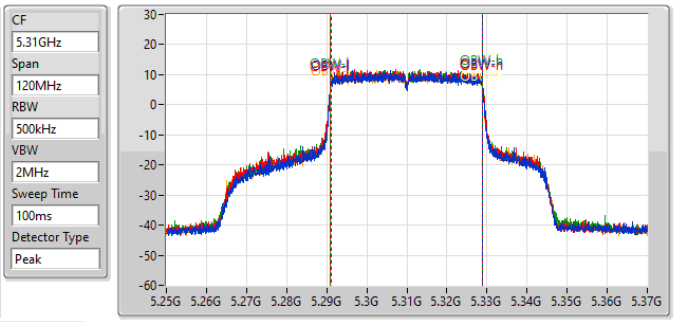
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.392M	5.249936G	5.290328G	37.781M	5.251109G	5.288891G	Inf	1
40.392M	5.249804G	5.290196G	37.661M	5.251109G	5.288771G	Inf	2
40.524M	5.249672G	5.290196G	37.721M	5.251109G	5.288831G	Inf	3
40.788M	5.249672G	5.29046G	37.721M	5.251109G	5.288831G	Inf	4

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5310MHz

10/03/2023



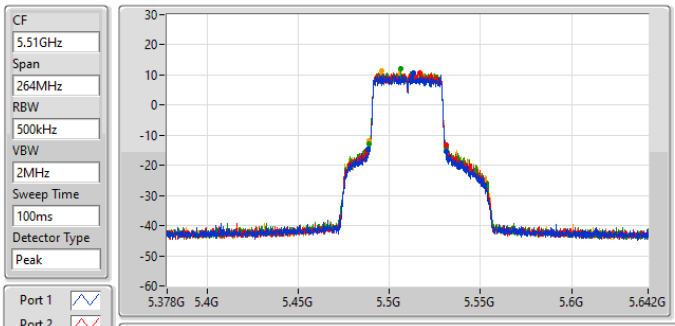


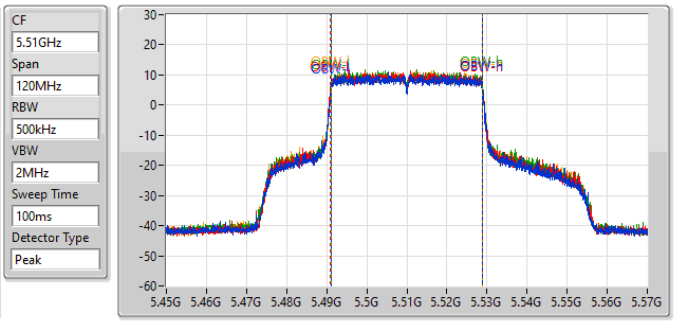
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.916M	5.284524G	5.33244G	37.841M	5.291049G	5.328891G	Inf	1
43.956M	5.28756G	5.331516G	37.901M	5.29099G	5.328891G	Inf	2
44.22M	5.2869G	5.33112G	37.901M	5.29099G	5.328891G	Inf	3
46.332M	5.285976G	5.332308G	37.841M	5.291049G	5.328891G	Inf	4

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5510MHz

10/03/2023



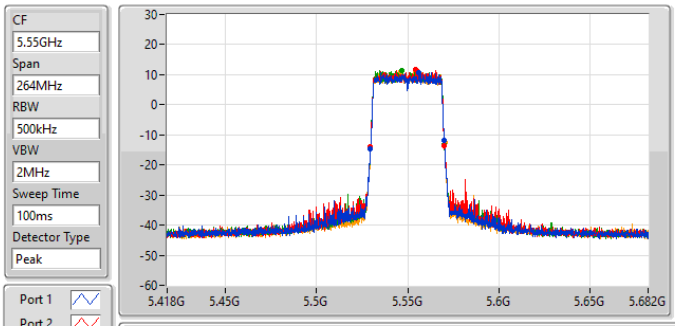


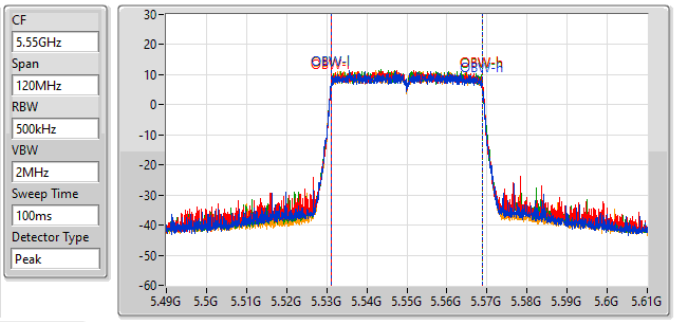
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.768M	5.48822G	5.530988G	37.841M	5.491049G	5.528891G	Inf	1
43.692M	5.48756G	5.531252G	37.901M	5.49099G	5.528891G	Inf	2
42.24M	5.489012G	5.531252G	37.781M	5.491049G	5.528831G	Inf	3
42.636M	5.488748G	5.531384G	37.841M	5.491049G	5.528891G	Inf	4

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5550MHz

10/03/2023



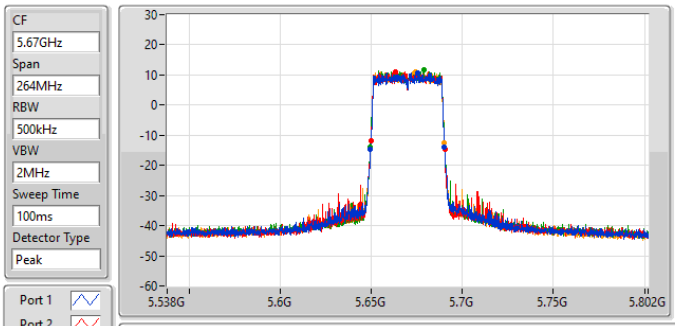


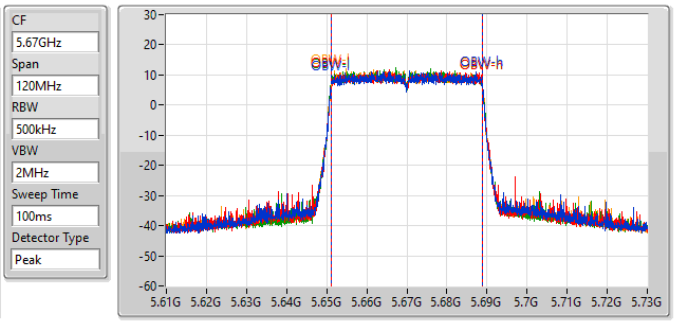
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.524M	5.529672G	5.570196G	37.721M	5.531109G	5.568831G	Inf	1
40.656M	5.52954G	5.570196G	37.781M	5.531109G	5.568891G	Inf	2
40.524M	5.529672G	5.570196G	37.721M	5.531109G	5.568831G	Inf	3
40.656M	5.529672G	5.570328G	37.721M	5.531109G	5.568831G	Inf	4

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5670MHz

10/03/2023



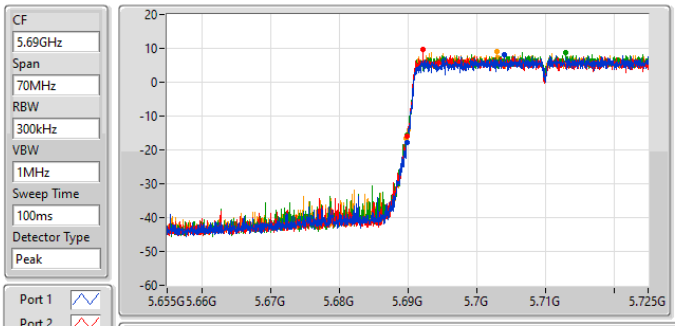


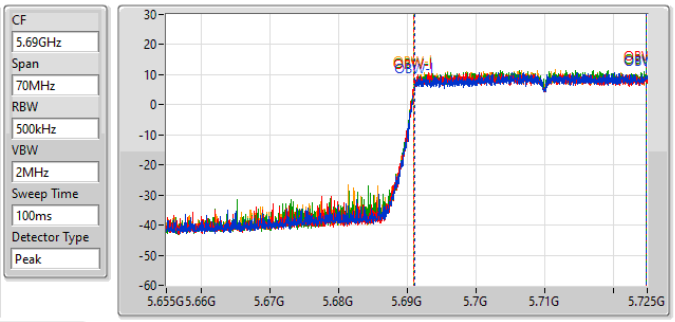
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.524M	5.649672G	5.690196G	37.721M	5.651109G	5.688831G	Inf	1
40.656M	5.649804G	5.69046G	37.661M	5.651169G	5.688831G	Inf	2
40.524M	5.649672G	5.690196G	37.781M	5.651049G	5.688831G	Inf	3
40.524M	5.649672G	5.690196G	37.721M	5.651109G	5.688831G	Inf	4

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.47-5.725GHz

10/03/2023



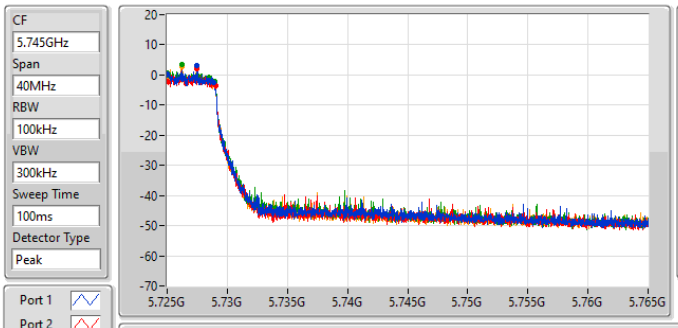


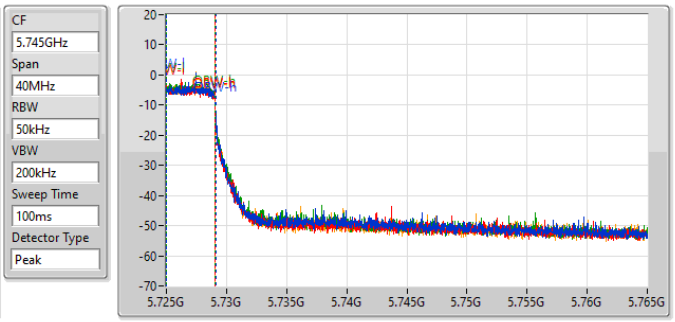
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.14M	5.68986G	5.725G	33.758M	5.691119G	5.724878G	Inf	1
35.07M	5.68993G	5.725G	33.793M	5.691014G	5.724808G	Inf	2
35.14M	5.68986G	5.725G	33.758M	5.691049G	5.724808G	Inf	3
35.245M	5.689755G	5.725G	33.723M	5.691049G	5.724773G	Inf	4

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.725-5.85GHz

10/03/2023



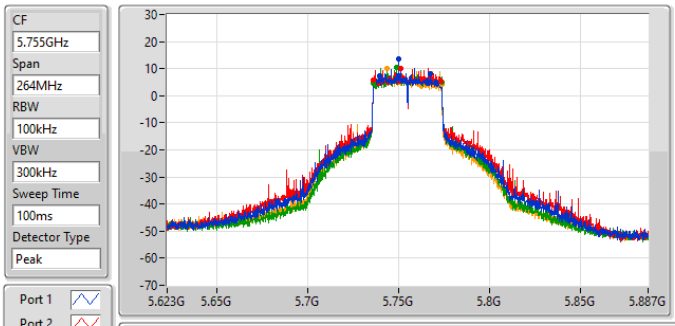


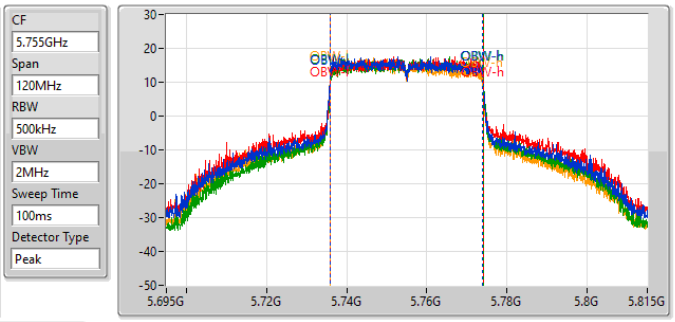
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	4.078M	5.72501G	5.729088G	500k	1
4M	5.725G	5.729G	4.058M	5.72501G	5.729068G	500k	2
3.96M	5.725G	5.72896G	4.058M	5.72501G	5.729068G	500k	3
3.92M	5.725G	5.72892G	4.058M	5.72501G	5.729068G	500k	4

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5755MHz

10/03/2023



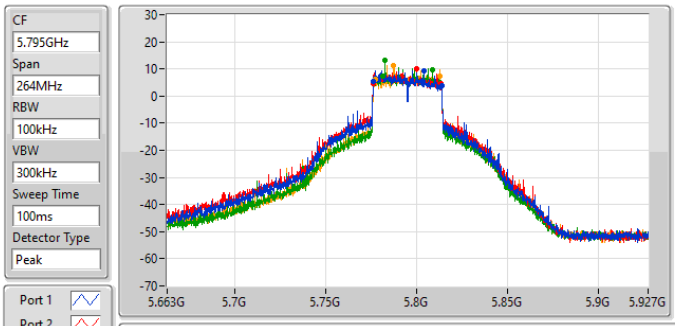


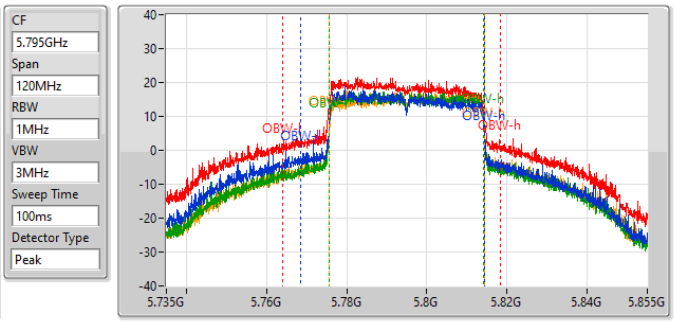
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.72M	5.73982G	5.76754G	38.081M	5.73587G	5.773951G	500k	1
37.488M	5.735992G	5.77348G	38.441M	5.73575G	5.77419G	500k	2
37.62M	5.736124G	5.773744G	38.021M	5.73599G	5.77401G	500k	3
37.356M	5.736256G	5.773612G	37.961M	5.73587G	5.773831G	500k	4

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5795MHz

10/03/2023



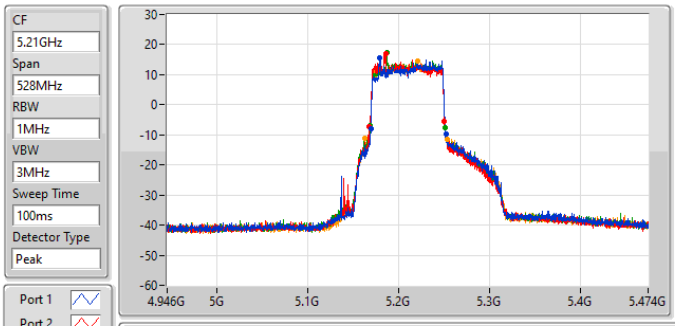


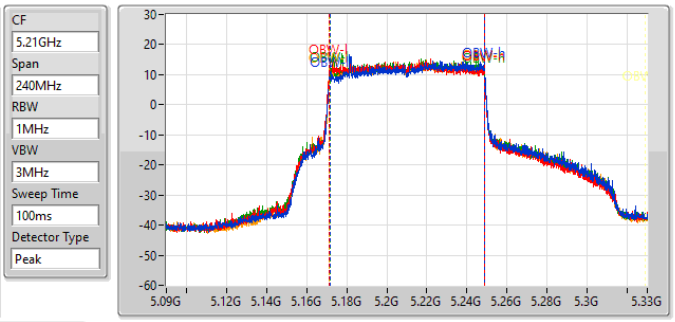
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.752M	5.775992G	5.813744G	45.817M	5.768553G	5.81437G	500k	1
37.092M	5.776124G	5.813216G	54.273M	5.764055G	5.818328G	500k	2
27.456M	5.781272G	5.808728G	38.441M	5.77569G	5.81413G	500k	3
35.772M	5.777048G	5.81282G	38.681M	5.77569G	5.81437G	500k	4

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5210MHz

10/03/2023



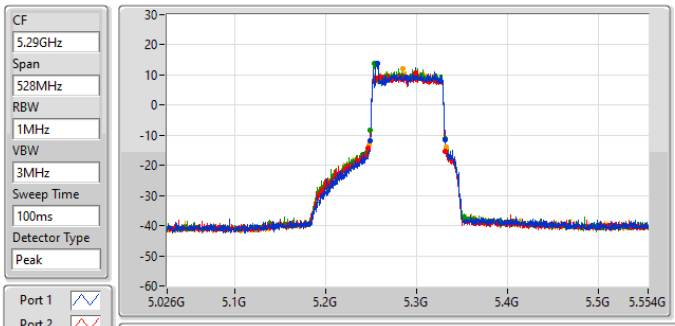


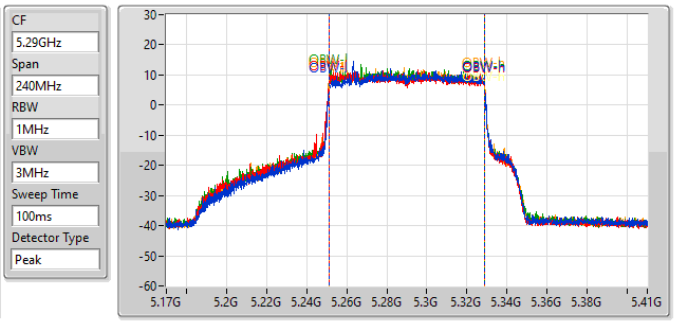
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.632M	5.169608G	5.25224G	77.241M	5.171619G	5.248861G	Inf	1
82.632M	5.16776G	5.250392G	77.481M	5.171259G	5.248741G	Inf	2
81.84M	5.169344G	5.251184G	77.241M	5.171499G	5.248741G	Inf	3
90.552M	5.163536G	5.254088G	77.361M	5.171379G	5.248741G	Inf	4

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5290MHz

10/03/2023



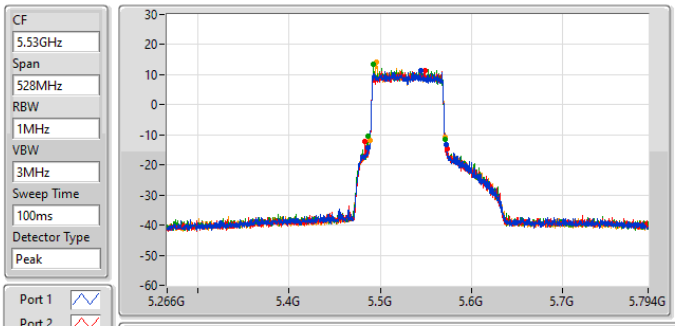


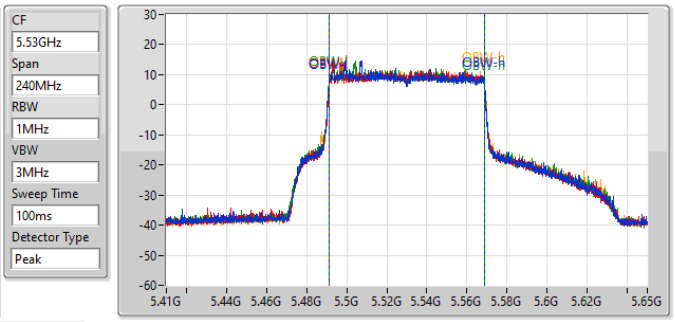
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.249344G	5.331184G	77.241M	5.251379G	5.328621G	Inf	1
85.536M	5.246176G	5.331712G	77.601M	5.251019G	5.328621G	Inf	2
81.576M	5.249344G	5.33092G	77.361M	5.251259G	5.328621G	Inf	3
85.008M	5.247232G	5.33224G	77.361M	5.251259G	5.328621G	Inf	4

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5530MHz

10/03/2023



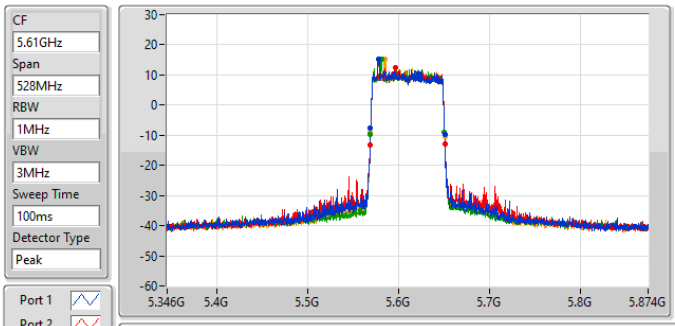


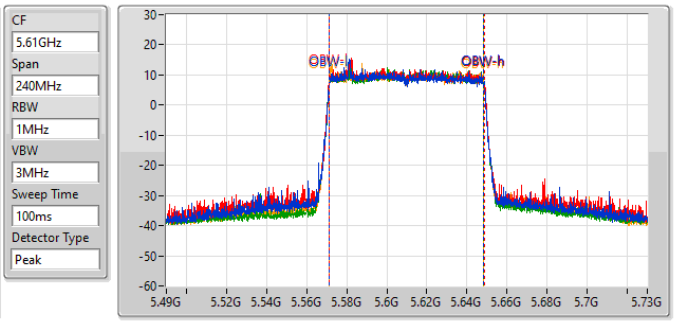
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.8M	5.48644G	5.57224G	77.361M	5.491259G	5.568621G	Inf	1
90.288M	5.483008G	5.573296G	77.241M	5.491379G	5.568621G	Inf	2
84.744M	5.485912G	5.570656G	77.361M	5.491259G	5.568621G	Inf	3
81.84M	5.488816G	5.570656G	77.361M	5.491259G	5.568621G	Inf	4

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5610MHz

10/03/2023



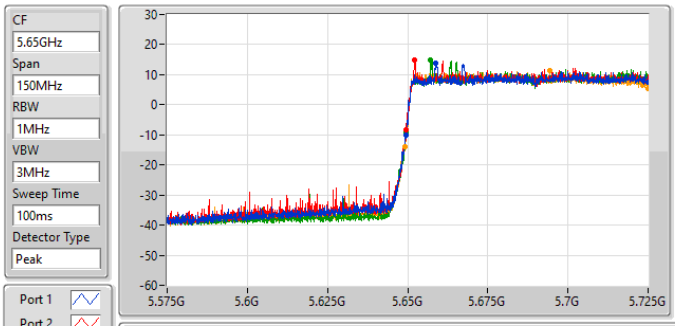


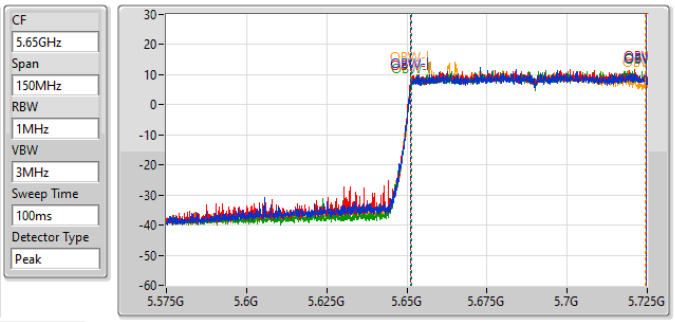
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.312M	5.569344G	5.650656G	77.241M	5.571259G	5.648501G	Inf	1
82.104M	5.568816G	5.65092G	77.361M	5.571259G	5.648621G	Inf	2
81.048M	5.569344G	5.650392G	77.121M	5.571379G	5.648501G	Inf	3
81.312M	5.569344G	5.650656G	77.121M	5.571379G	5.648501G	Inf	4

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.47-5.725GHz

10/03/2023



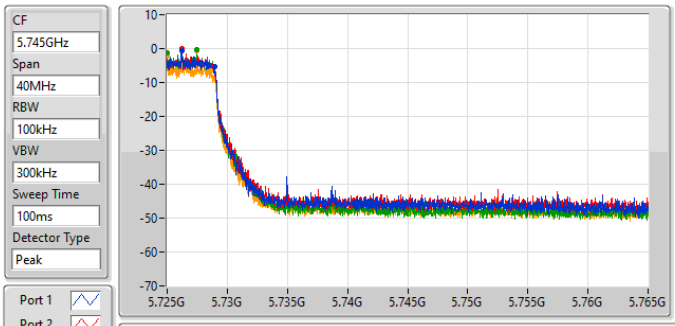


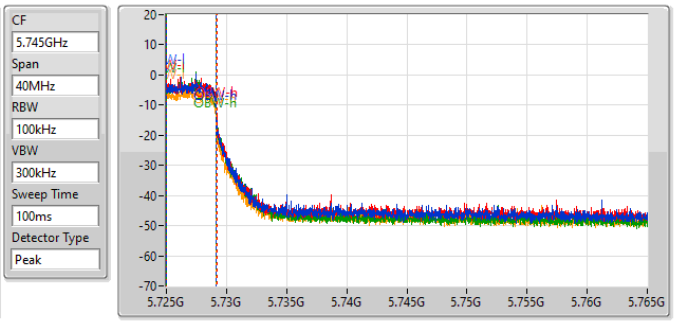
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	73.313M	5.651274G	5.724588G	Inf	1
75.525M	5.649475G	5.725G	73.313M	5.651274G	5.724588G	Inf	2
75.6M	5.6494G	5.725G	73.238M	5.651349G	5.724588G	Inf	3
75.975M	5.649025G	5.725G	73.088M	5.651274G	5.724363G	Inf	4

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.725-5.85GHz

10/03/2023



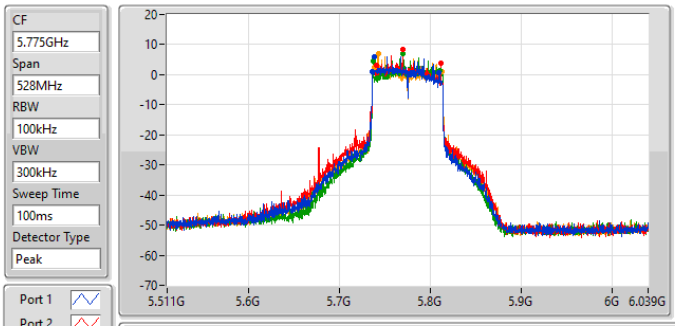


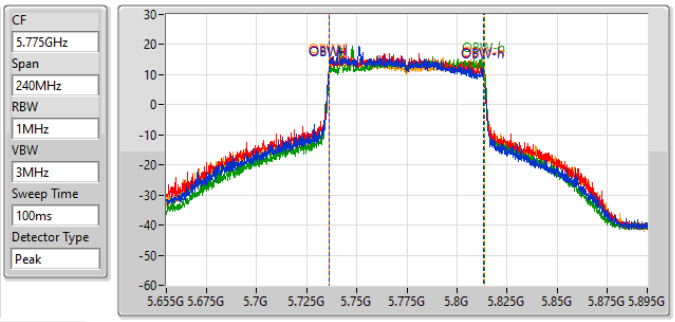
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.158M	5.72501G	5.729168G	500k	1
3.9M	5.725G	5.7289G	4.158M	5.72503G	5.729188G	500k	2
3.92M	5.725G	5.72892G	4.138M	5.72503G	5.729168G	500k	3
3.64M	5.725G	5.72864G	4.098M	5.72503G	5.729128G	500k	4

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5775MHz

10/03/2023



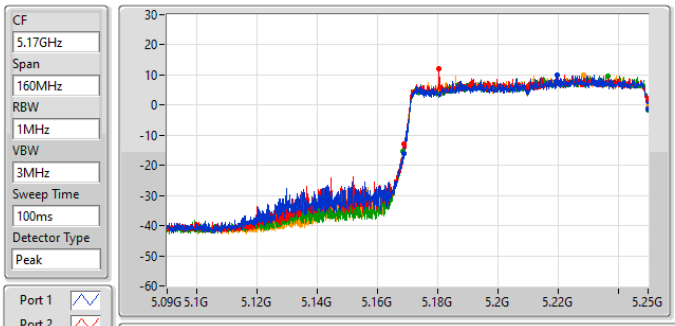


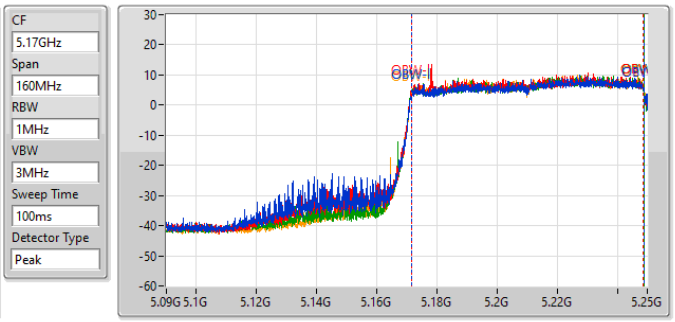
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.6M	5.736192G	5.808792G	77.121M	5.736019G	5.813141G	500k	1
70.488M	5.74068G	5.811168G	77.241M	5.736019G	5.813261G	500k	2
72.864M	5.737512G	5.810376G	77.481M	5.736259G	5.813741G	500k	3
74.712M	5.73804G	5.812752G	77.721M	5.736019G	5.813741G	500k	4

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.15-5.25GHz

20/03/2023



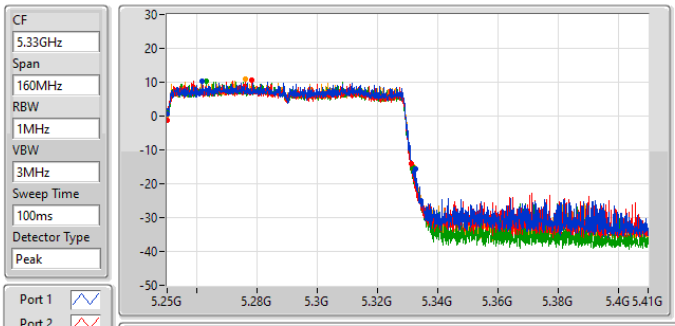


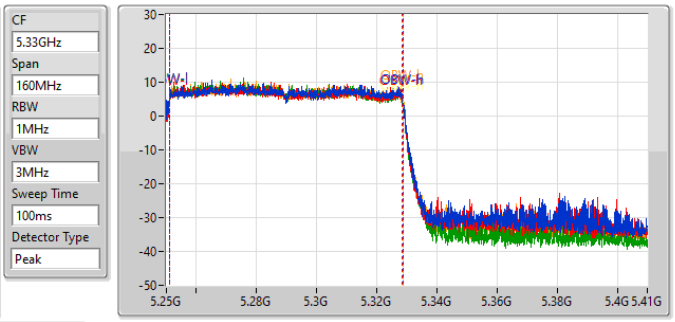
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.16864G	5.25G	77.481M	5.171519G	5.249G	Inf	1
81.36M	5.16864G	5.25G	77.321M	5.171439G	5.248761G	Inf	2
81.6M	5.1684G	5.25G	77.401M	5.171439G	5.248841G	Inf	3
81.2M	5.1688G	5.25G	77.401M	5.171519G	5.248921G	Inf	4

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.25-5.35GHz

20/03/2023



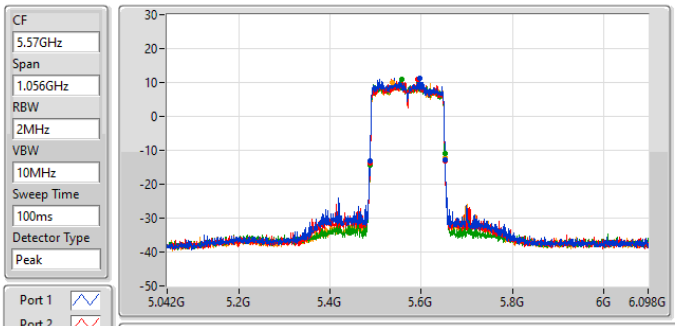


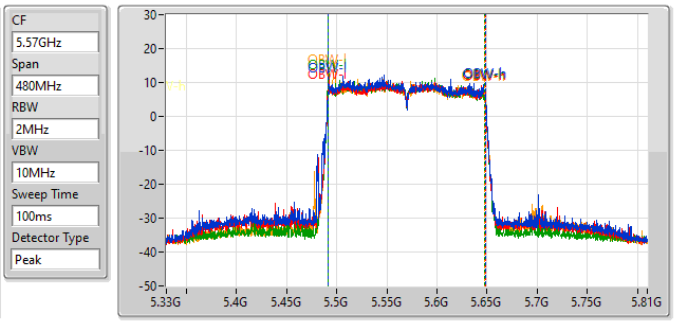
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.25G	5.33256G	77.641M	5.251G	5.328641G	Inf	1
81.36M	5.25G	5.33136G	77.481M	5.251079G	5.328561G	Inf	2
81.76M	5.25G	5.33176G	77.401M	5.251159G	5.328561G	Inf	3
81.76M	5.25G	5.33176G	77.481M	5.251159G	5.328641G	Inf	4

5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

5570MHz

20/03/2023





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.736M	5.487632G	5.652368G	156.642M	5.491559G	5.648201G	Inf	1
164.736M	5.487632G	5.652368G	156.642M	5.491559G	5.648201G	Inf	2
164.208M	5.487632G	5.65184G	156.882M	5.491079G	5.647961G	Inf	3
164.208M	5.487632G	5.65184G	156.162M	5.491799G	5.647961G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.94	0.98628	33.85	2.42661
802.11ax HEW20_Nss1,(MCS0)_4TX	29.96	0.99083	33.87	2.43781
802.11ax HEW40_Nss1,(MCS0)_4TX	29.93	0.98401	33.84	2.42103
802.11ax HEW80_Nss1,(MCS0)_4TX	25.07	0.32137	28.98	0.79068
802.11ax HEW160_Nss1,(MCS0)_4TX	20.89	0.12274	24.80	0.30200
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.95	0.24831	27.10	0.51286
802.11ax HEW20_Nss1,(MCS0)_4TX	23.92	0.24660	27.07	0.50933
802.11ax HEW40_Nss1,(MCS0)_4TX	23.90	0.24547	27.05	0.50699
802.11ax HEW80_Nss1,(MCS0)_4TX	23.89	0.24491	27.04	0.50582
802.11ax HEW160_Nss1,(MCS0)_4TX	21.47	0.14028	24.62	0.28973
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.80	0.23988	27.59	0.57412
802.11ax HEW20_Nss1,(MCS0)_4TX	23.97	0.24946	27.76	0.59704
802.11ax HEW40_Nss1,(MCS0)_4TX	23.90	0.24547	27.69	0.58749
802.11ax HEW80_Nss1,(MCS0)_4TX	23.87	0.24378	27.66	0.58345
802.11ax HEW160_Nss1,(MCS0)_4TX	21.62	0.14521	25.41	0.34754
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.93	0.98401	34.35	2.72270
802.11ax HEW20_Nss1,(MCS0)_4TX	29.89	0.97499	34.31	2.69774
802.11ax HEW40_Nss1,(MCS0)_4TX	29.85	0.96605	34.27	2.67301
802.11ax HEW80_Nss1,(MCS0)_4TX	29.91	0.97949	34.33	2.71019

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.91	23.32	24.37	23.69	24.23	29.94	30.00	33.85	36.00
5200MHz	Pass	3.91	23.23	24.29	23.80	24.21	29.92	30.00	33.83	36.00
5240MHz	Pass	3.91	23.23	24.21	23.99	23.95	29.88	30.00	33.79	36.00
5260MHz	Pass	3.15	17.72	18.14	17.47	17.57	23.75	23.98	26.90	30.00
5300MHz	Pass	3.15	17.63	18.23	17.83	18.02	23.95	23.98	27.10	30.00
5320MHz	Pass	3.15	17.46	17.93	17.56	17.90	23.74	23.98	26.89	30.00
5500MHz	Pass	3.79	17.80	18.44	17.42	17.38	23.80	23.98	27.59	30.00
5580MHz	Pass	3.79	17.89	18.45	17.42	17.26	23.80	23.98	27.59	30.00
5700MHz	Pass	3.79	16.16	16.19	16.82	17.53	22.73	23.98	26.52	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.79	16.39	16.36	17.02	17.60	22.89	22.95	26.68	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.42	10.17	10.09	10.95	11.12	16.63	30.00	21.05	36.00
5745MHz	Pass	4.42	23.55	24.18	23.73	24.13	29.93	30.00	34.35	36.00
5785MHz	Pass	4.42	23.53	23.93	23.62	24.02	29.80	30.00	34.22	36.00
5825MHz	Pass	4.42	23.43	22.79	23.09	24.16	29.42	30.00	33.84	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.91	23.26	24.33	23.61	24.40	29.95	30.00	33.86	36.00
5200MHz	Pass	3.91	23.45	24.08	23.97	24.23	29.96	30.00	33.87	36.00
5240MHz	Pass	3.91	23.25	24.06	23.95	23.87	29.81	30.00	33.72	36.00
5260MHz	Pass	3.15	17.78	18.01	17.62	18.14	23.91	23.98	27.06	30.00
5300MHz	Pass	3.15	17.82	18.18	17.69	17.90	23.92	23.98	27.07	30.00
5320MHz	Pass	3.15	17.70	18.13	17.72	18.05	23.92	23.98	27.07	30.00
5500MHz	Pass	3.79	17.88	18.50	17.70	17.67	23.97	23.98	27.76	30.00
5580MHz	Pass	3.79	17.99	18.48	17.51	17.45	23.90	23.98	27.69	30.00
5700MHz	Pass	3.79	16.14	15.92	16.58	17.17	22.50	23.98	26.29	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.79	16.35	16.21	17.01	17.46	22.81	22.98	26.60	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	4.42	11.12	11.02	11.74	12.00	17.51	30.00	21.93	36.00
5745MHz	Pass	4.42	23.49	24.21	23.61	24.09	29.88	30.00	34.30	36.00
5785MHz	Pass	4.42	23.54	23.97	23.76	24.17	29.89	30.00	34.31	36.00
5825MHz	Pass	4.42	23.57	22.95	23.40	24.38	29.63	30.00	34.05	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.91	20.00	19.93	20.33	20.11	26.12	30.00	30.03	36.00
5230MHz	Pass	3.91	23.78	23.83	24.44	23.55	29.93	30.00	33.84	36.00
5270MHz	Pass	3.15	18.07	17.68	17.91	17.68	23.86	23.98	27.01	30.00
5310MHz	Pass	3.15	17.94	17.73	17.99	17.84	23.90	23.98	27.05	30.00
5510MHz	Pass	3.79	17.78	17.76	17.71	17.85	23.80	23.98	27.59	30.00
5550MHz	Pass	3.79	18.00	17.62	17.87	17.94	23.88	23.98	27.67	30.00
5670MHz	Pass	3.79	17.49	17.57	17.67	18.39	23.82	23.98	27.61	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.79	17.33	17.48	17.94	18.63	23.90	23.98	27.69	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.42	7.56	7.98	8.34	8.50	14.13	30.00	18.55	36.00

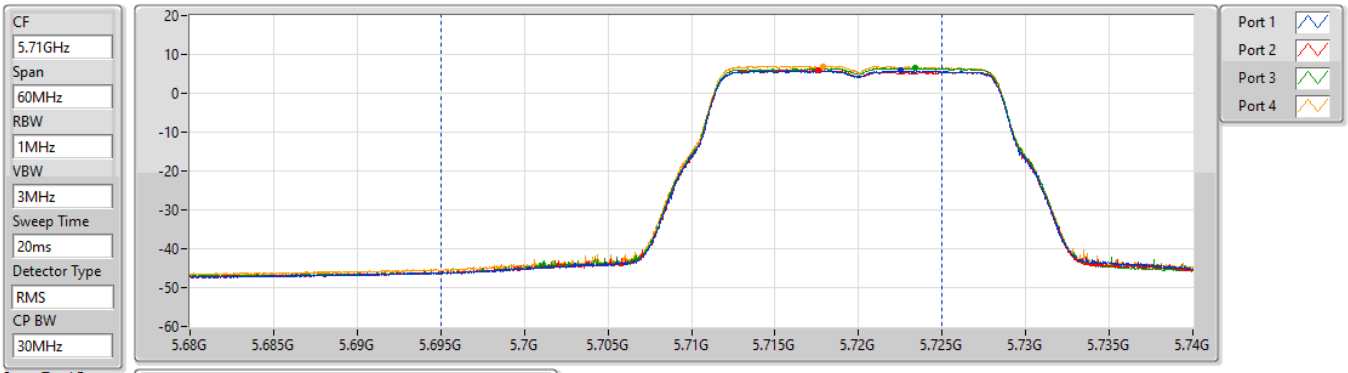
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	4.42	23.81	24.40	23.38	23.65	29.85	30.00	34.27	36.00
5795MHz	Pass	4.42	23.61	24.12	23.78	23.57	29.80	30.00	34.22	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.91	18.83	19.23	18.93	19.19	25.07	30.00	28.98	36.00
5290MHz	Pass	3.15	17.55	18.11	17.78	18.02	23.89	23.98	27.04	30.00
5530MHz	Pass	3.79	17.54	18.20	17.43	18.16	23.87	23.98	27.66	30.00
5610MHz	Pass	3.79	18.12	17.84	17.10	18.20	23.86	23.98	27.65	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.79	17.72	17.50	17.54	18.02	23.72	23.98	27.51	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.42	4.74	4.52	4.32	4.31	10.50	30.00	14.92	36.00
5775MHz	Pass	4.42	23.52	24.33	23.51	24.14	29.91	30.00	34.33	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.91	14.46	15.25	15.02	14.72	20.89	30.00	24.80	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.15	15.59	15.25	15.69	15.23	21.47	23.98	24.62	30.00
5570MHz	Pass	3.79	15.83	15.54	15.54	15.48	21.62	23.98	25.41	30.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

01/03/2023

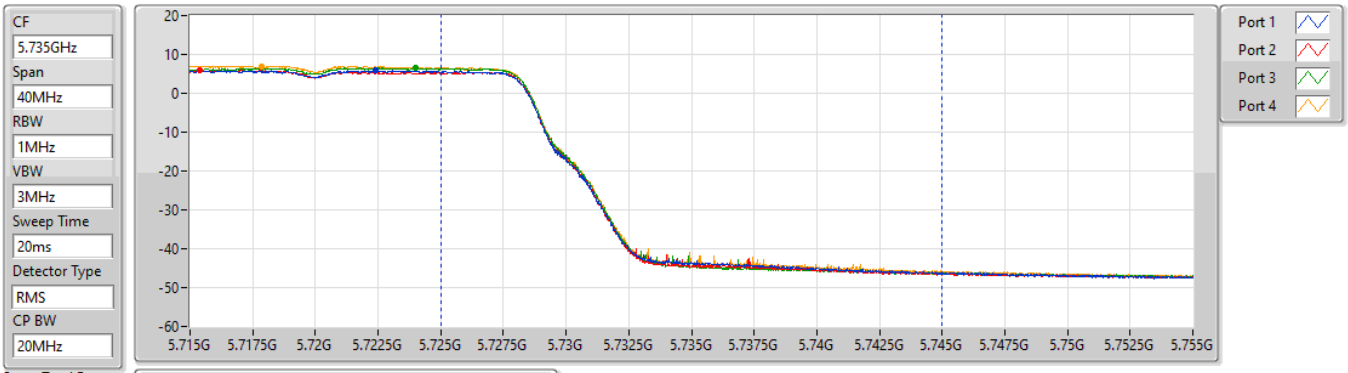


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.89	16.39	16.36	17.02	17.60

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

01/03/2023

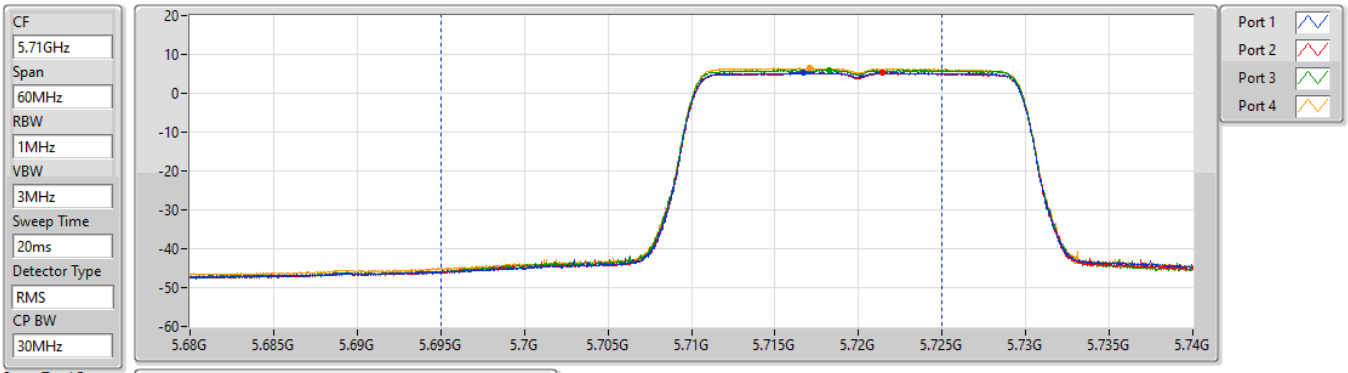


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.63	10.17	10.09	10.95	11.12

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

01/03/2023



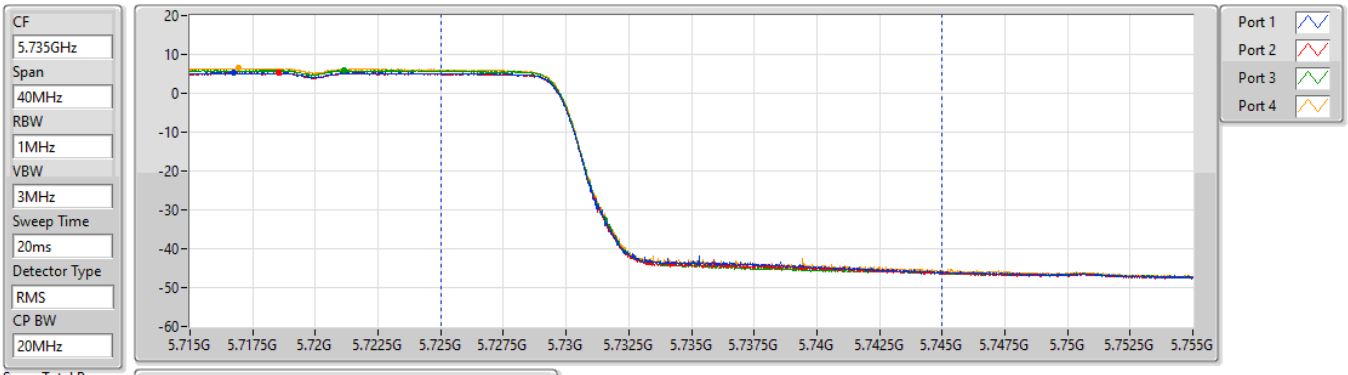
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.81	16.35	16.21	17.01	17.46

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

01/03/2023



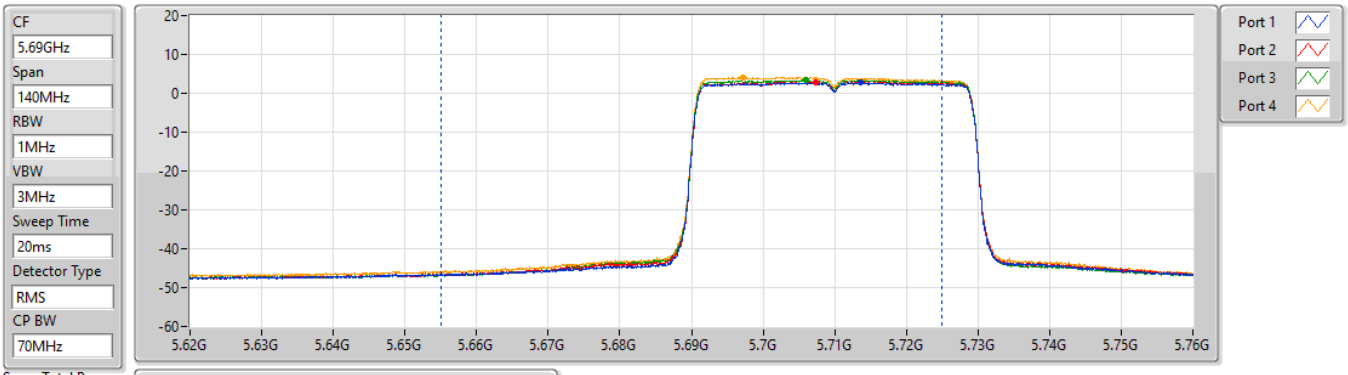
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.51	11.12	11.02	11.74	12.00

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

01/03/2023



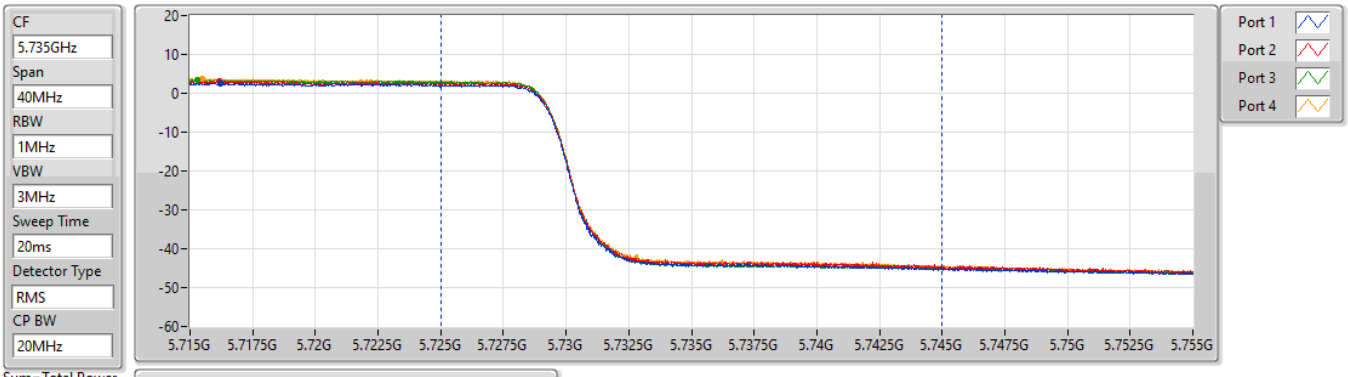
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.90	17.33	17.48	17.94	18.63

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

01/03/2023



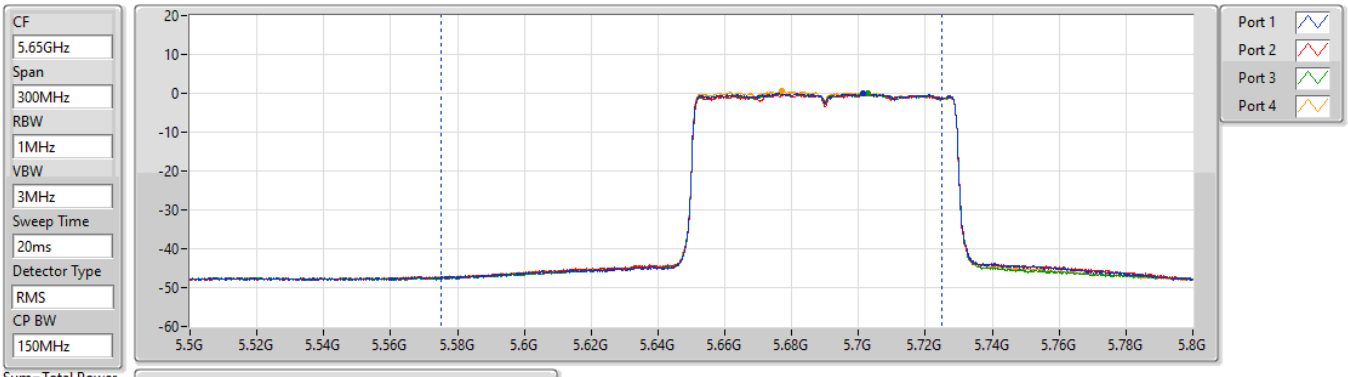
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.13	7.56	7.98	8.34	8.50

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

01/03/2023



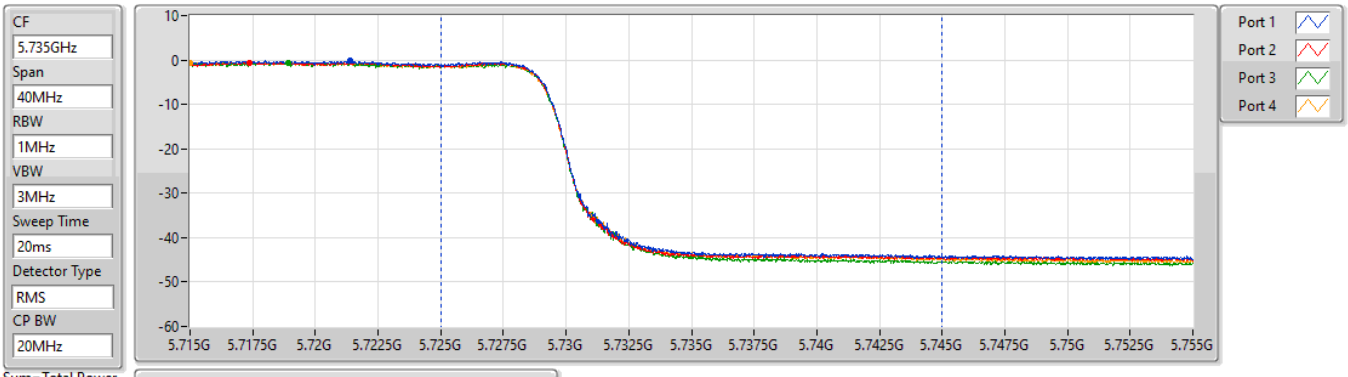
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.72	17.72	17.50	17.54	18.02

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

01/03/2023



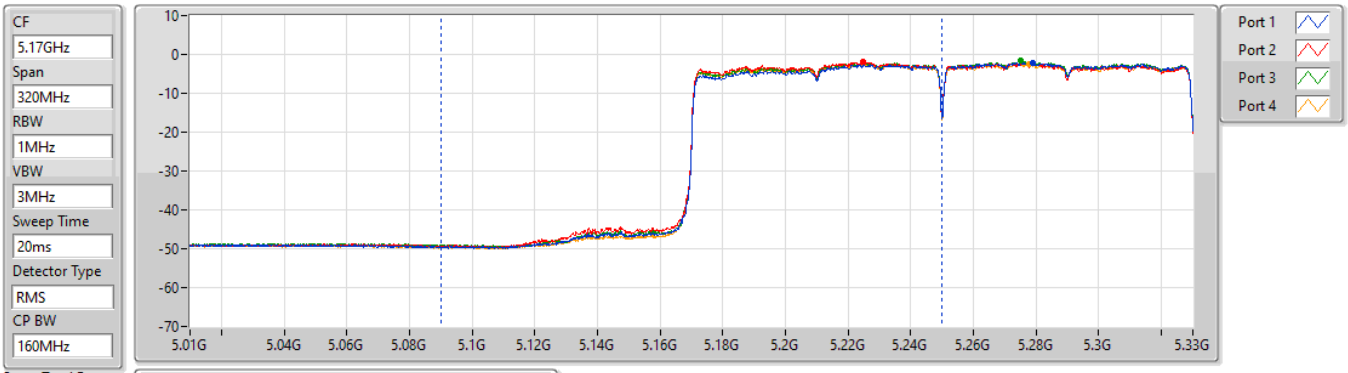
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.50	4.74	4.52	4.32	4.31

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TX

01/03/2023



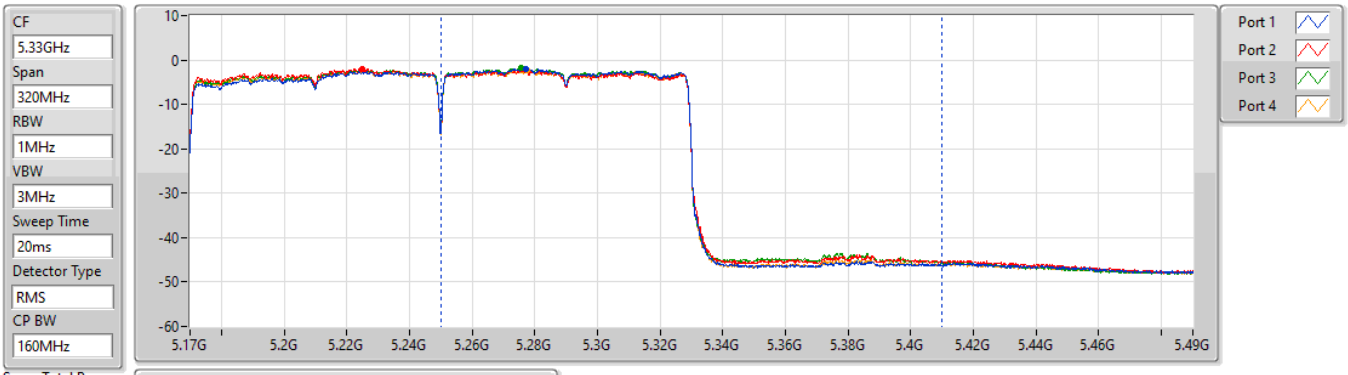
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.89	14.46	15.25	15.02	14.72

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TX

01/03/2023



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.47	15.59	15.25	15.69	15.23

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.87	0.97051	34.11	2.57632
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.49	0.88920	33.73	2.36048
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.50	0.44668	30.74	1.18577
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.83	0.15241	26.07	0.40458
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.76	0.23768	27.49	0.56105
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.92	0.24660	27.65	0.58210
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.79	0.23933	27.52	0.56494
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.32	0.17061	26.05	0.40272
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.97	0.24946	27.93	0.62087
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.88	0.24434	27.84	0.60814
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.92	0.24660	27.88	0.61376
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.69	0.18578	26.65	0.46238
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.99	0.99770	34.48	2.80543
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.91	0.97949	34.40	2.75423
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.98	0.62806	32.47	1.76604

Result

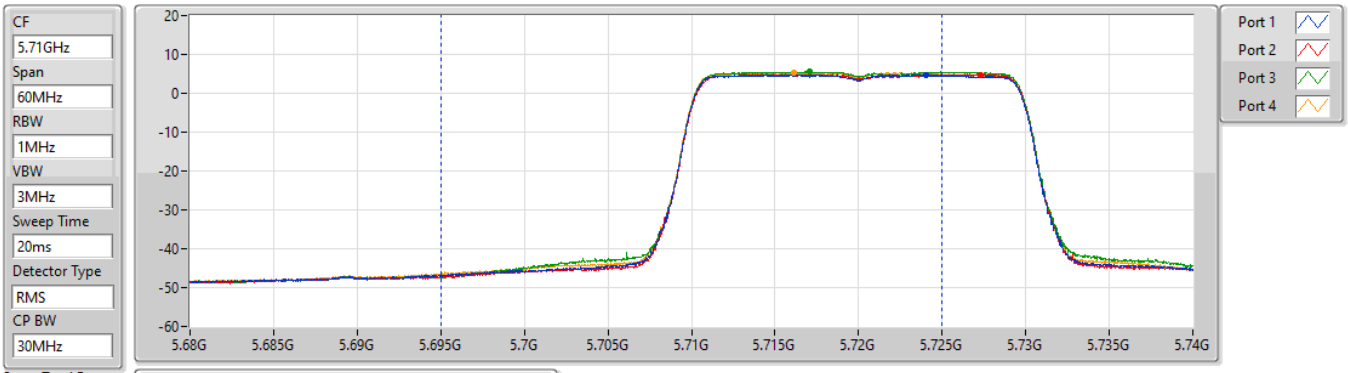
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.24	22.27	21.41	21.84	21.96	27.90	30.00	32.14	36.00
5200MHz	Pass	4.24	23.31	23.52	23.38	23.85	29.54	30.00	33.78	36.00
5240MHz	Pass	4.24	23.75	23.89	23.90	23.84	29.87	30.00	34.11	36.00
5260MHz	Pass	3.73	18.09	17.68	17.81	17.34	23.76	23.98	27.49	30.00
5300MHz	Pass	3.73	17.09	17.98	17.53	17.88	23.65	23.98	27.38	30.00
5320MHz	Pass	3.73	17.09	17.91	17.38	17.72	23.56	23.98	27.29	30.00
5500MHz	Pass	3.96	17.78	18.14	18.00	17.88	23.97	23.98	27.93	30.00
5580MHz	Pass	3.96	17.16	18.06	18.11	17.91	23.85	23.98	27.81	30.00
5700MHz	Pass	3.96	16.01	16.16	16.58	16.74	22.40	23.98	26.36	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.96	15.74	15.76	16.44	16.26	22.08	22.97	26.04	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	4.49	10.41	10.58	11.36	10.81	16.83	30.00	21.32	36.00
5745MHz	Pass	4.49	23.38	24.42	23.66	23.27	29.73	30.00	34.22	36.00
5785MHz	Pass	4.49	23.77	24.53	24.06	23.43	29.99	30.00	34.48	36.00
5825MHz	Pass	4.49	23.27	22.37	22.83	23.60	29.06	30.00	33.55	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.24	18.42	17.96	18.16	18.58	24.31	30.00	28.55	36.00
5230MHz	Pass	4.24	23.67	22.71	23.68	23.74	29.49	30.00	33.73	36.00
5270MHz	Pass	3.73	17.67	17.96	18.29	17.66	23.92	23.98	27.65	30.00
5310MHz	Pass	3.73	17.47	18.04	18.13	17.81	23.89	23.98	27.62	30.00
5510MHz	Pass	3.96	17.22	17.28	18.54	18.25	23.88	23.98	27.84	30.00
5550MHz	Pass	3.96	17.38	17.89	18.04	17.20	23.66	23.98	27.62	30.00
5670MHz	Pass	3.96	18.00	17.78	17.81	17.62	23.83	23.98	27.79	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.96	17.32	17.44	18.06	17.91	23.71	23.98	27.67	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.49	7.96	7.58	8.55	7.91	14.03	30.00	18.52	36.00
5755MHz	Pass	4.49	23.96	24.18	23.37	23.75	29.85	30.00	34.34	36.00
5795MHz	Pass	4.49	23.65	24.57	23.66	23.58	29.91	30.00	34.40	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.24	20.36	20.42	20.51	20.63	26.50	30.00	30.74	36.00
5290MHz	Pass	3.73	17.85	17.43	17.76	18.03	23.79	23.98	27.52	30.00
5530MHz	Pass	3.96	17.56	17.65	18.03	18.25	23.90	23.98	27.86	30.00
5610MHz	Pass	3.96	17.70	17.94	17.69	18.24	23.92	23.98	27.88	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.96	17.56	17.99	17.71	17.54	23.72	23.98	27.68	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.49	4.91	5.24	5.22	2.53	10.63	30.00	15.12	36.00
5775MHz	Pass	4.49	22.00	22.14	21.87	21.80	27.98	30.00	32.47	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.24	15.60	16.03	15.73	15.85	21.83	30.00	26.07	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.73	16.55	16.13	16.19	16.30	22.32	23.98	26.05	30.00
5570MHz	Pass	3.96	17.13	16.69	16.38	16.42	22.69	23.98	26.65	30.00

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

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

10/03/2023

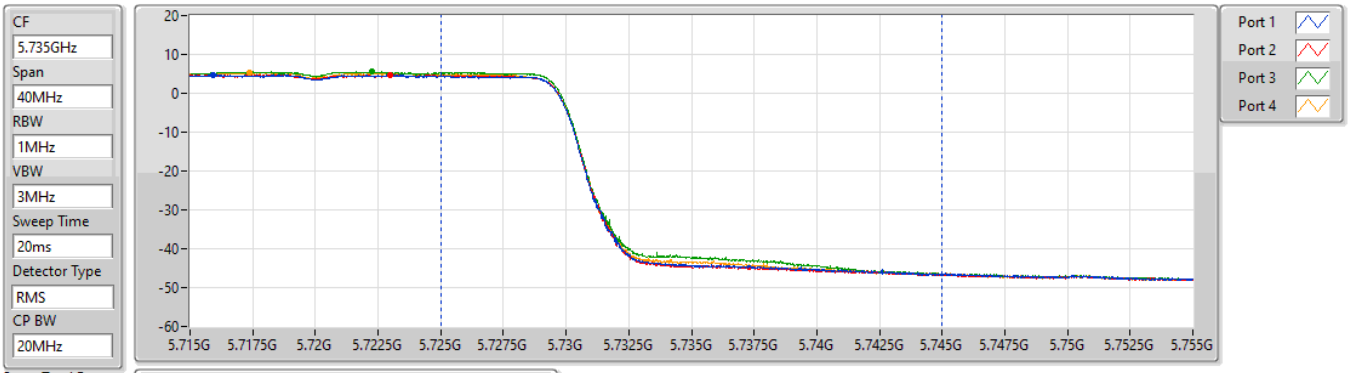


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.08	15.74	15.76	16.44	16.26

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

10/03/2023

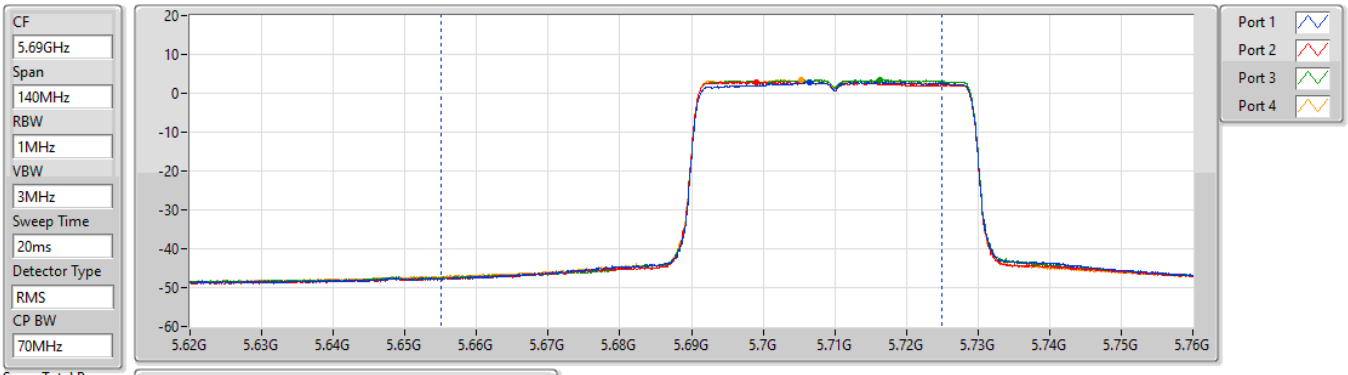


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.83	10.41	10.58	11.36	10.81

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

10/03/2023



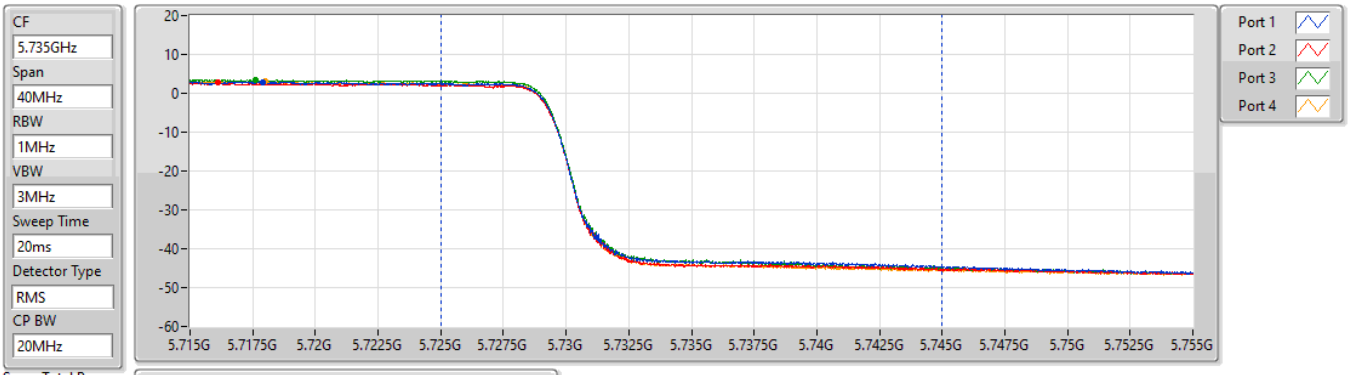
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.71	17.32	17.44	18.06	17.91

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

10/03/2023



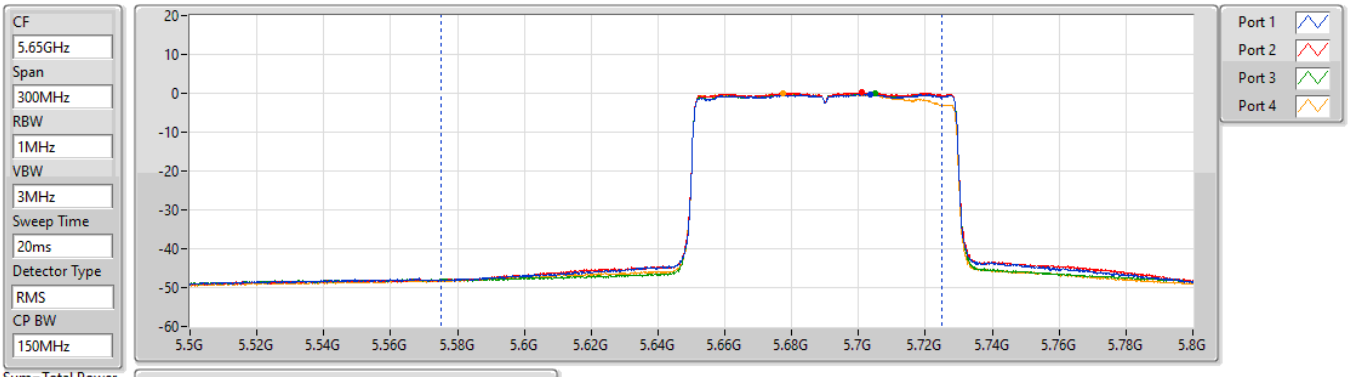
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.03	7.96	7.58	8.55	7.91

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

10/03/2023



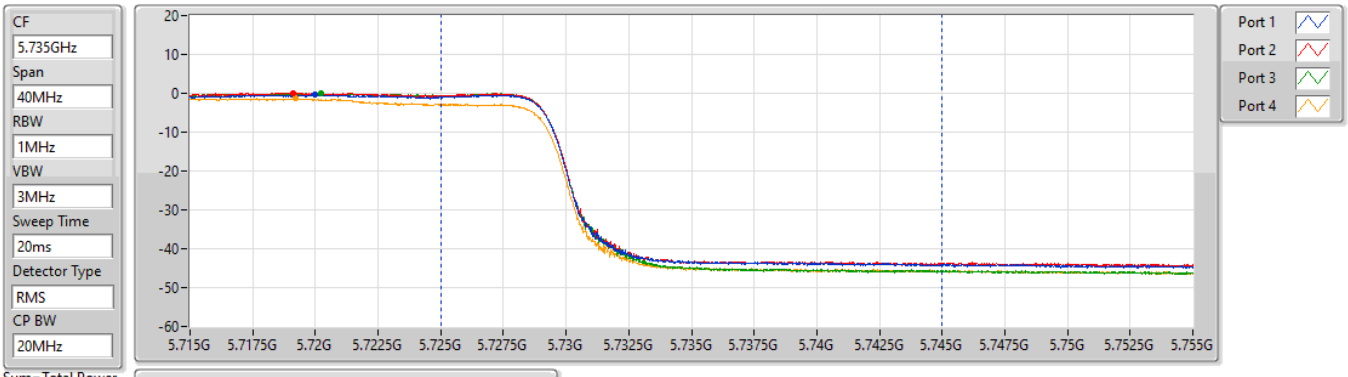
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.72	17.56	17.99	17.71	17.54

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

10/03/2023



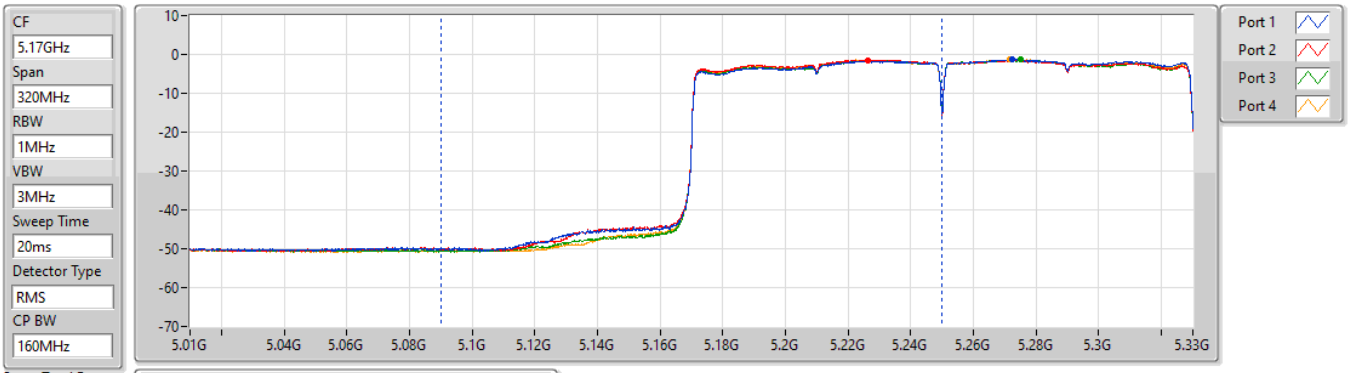
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.63	4.91	5.24	5.22	2.53

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TX

20/03/2023



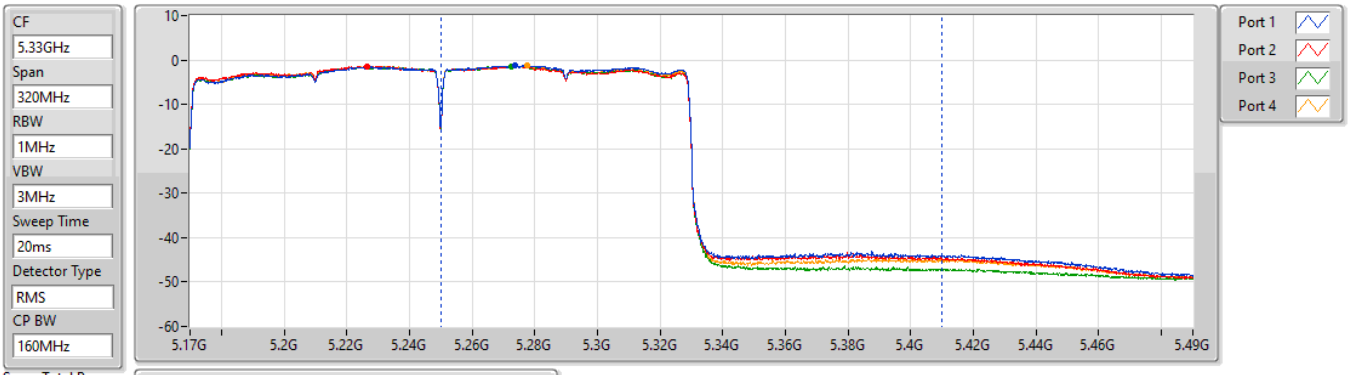
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.83	15.60	16.03	15.73	15.85

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TX

20/03/2023



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.32	16.55	16.13	16.19	16.30

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.67	20.91
802.11ax HEW20_Nss1,(MCS0)_4TX	16.01	20.25
802.11ax HEW40_Nss1,(MCS0)_4TX	13.26	17.50
802.11ax HEW80_Nss1,(MCS0)_4TX	5.78	10.02
802.11ax HEW160_Nss1,(MCS0)_4TX	2.12	6.36
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.72	14.45
802.11ax HEW20_Nss1,(MCS0)_4TX	10.12	13.85
802.11ax HEW40_Nss1,(MCS0)_4TX	7.27	11.00
802.11ax HEW80_Nss1,(MCS0)_4TX	4.51	8.24
802.11ax HEW160_Nss1,(MCS0)_4TX	2.28	6.01
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.77	14.73
802.11ax HEW20_Nss1,(MCS0)_4TX	10.31	14.27
802.11ax HEW40_Nss1,(MCS0)_4TX	7.63	11.59
802.11ax HEW80_Nss1,(MCS0)_4TX	4.66	8.62
802.11ax HEW160_Nss1,(MCS0)_4TX	0.07	4.03
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.04	19.53
802.11ax HEW20_Nss1,(MCS0)_4TX	14.7	19.19
802.11ax HEW40_Nss1,(MCS0)_4TX	11.77	16.26
802.11ax HEW80_Nss1,(MCS0)_4TX	9.18	13.67

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

Result

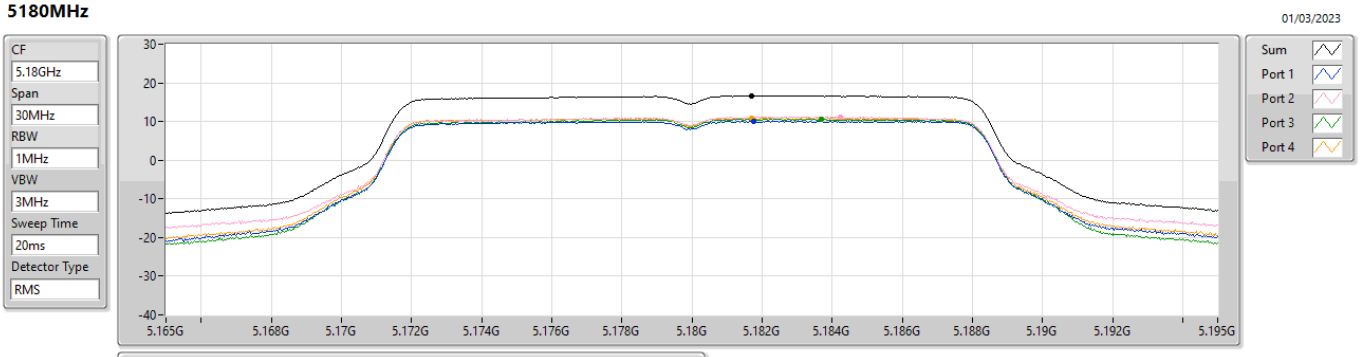
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.24	10.12	11.19	10.61	10.91	16.63	17.00	20.87	23.00
5200MHz	Pass	4.24	10.09	11.14	10.77	10.9	16.67	17.00	20.91	23.00
5240MHz	Pass	4.24	10.01	11.17	10.85	10.74	16.61	17.00	20.85	23.00
5260MHz	Pass	3.73	4.4	5.04	4.59	4.95	10.64	11.00	14.37	17.00
5300MHz	Pass	3.73	4.42	4.99	4.68	4.98	10.72	11.00	14.45	17.00
5320MHz	Pass	3.73	4.28	4.83	4.5	4.84	10.50	11.00	14.23	17.00
5500MHz	Pass	3.96	4.77	5.7	4.58	4.25	10.77	11.00	14.73	17.00
5580MHz	Pass	3.96	4.87	5.53	4.61	4.29	10.68	11.00	14.64	17.00
5700MHz	Pass	3.96	2.98	3.05	3.63	4.42	9.41	11.00	13.37	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.96	4.31	4.4	4.93	5.56	10.72	11.00	14.68	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.49	2.6	2.41	3.36	3.55	8.92	30.00	13.41	36.00
5745MHz	Pass	4.49	8.78	9.41	8.96	9.42	15.04	30.00	19.53	36.00
5785MHz	Pass	4.49	8.8	9.46	8.96	9.38	15.04	30.00	19.53	36.00
5825MHz	Pass	4.49	8.89	8.18	8.72	9.56	14.73	30.00	19.22	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.24	9.4	10.64	9.8	10.51	16.01	17.00	20.25	23.00
5200MHz	Pass	4.24	9.53	10.26	10.31	10.27	15.99	17.00	20.23	23.00
5240MHz	Pass	4.24	9.6	10.4	10.18	9.95	15.93	17.00	20.17	23.00
5260MHz	Pass	3.73	3.97	4.28	3.85	4.23	9.97	11.00	13.70	17.00
5300MHz	Pass	3.73	4.06	4.45	3.9	4.26	10.12	11.00	13.85	17.00
5320MHz	Pass	3.73	4.01	4.47	3.91	4.34	10.11	11.00	13.84	17.00
5500MHz	Pass	3.96	4.26	5.01	4.2	4.08	10.31	11.00	14.27	17.00
5580MHz	Pass	3.96	4.35	5.03	3.88	3.89	10.22	11.00	14.18	17.00
5700MHz	Pass	3.96	2.27	2.17	2.88	3.58	8.69	11.00	12.65	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.96	3.83	3.71	4.43	4.84	10.16	11.00	14.12	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.49	2.13	2.01	2.85	3.16	8.47	30.00	12.96	36.00
5745MHz	Pass	4.49	8.28	9.07	8.28	8.68	14.45	30.00	18.94	36.00
5785MHz	Pass	4.49	8.38	9.04	8.55	8.85	14.70	30.00	19.19	36.00
5825MHz	Pass	4.49	8.54	8	8.44	9.14	14.42	30.00	18.91	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.24	3.57	3.48	3.94	3.63	9.54	17.00	13.78	23.00
5230MHz	Pass	4.24	7.25	7.3	7.85	6.96	13.26	17.00	17.50	23.00
5270MHz	Pass	3.73	1.45	0.99	1.47	0.99	7.14	11.00	10.87	17.00
5310MHz	Pass	3.73	1.44	1.24	1.52	1.27	7.27	11.00	11.00	17.00
5510MHz	Pass	3.96	1.33	1.57	1.43	1.47	7.36	11.00	11.32	17.00
5550MHz	Pass	3.96	1.52	1.69	1.41	1.5	7.43	11.00	11.39	17.00
5670MHz	Pass	3.96	0.81	1.13	1.06	1.85	7.10	11.00	11.06	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.96	1.06	1.33	1.8	2.54	7.63	11.00	11.59	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.49	-0.8	-0.3	-0.06	0.27	5.68	30.00	10.17	36.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5755MHz	Pass	4.49	5.84	6.33	5.26	5.59	11.67	30.00	16.16	36.00
5795MHz	Pass	4.49	5.81	6.47	5.77	5.56	11.77	30.00	16.26	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.24	-0.21	0.04	-0.09	-0.01	5.78	17.00	10.02	23.00
5290MHz	Pass	3.73	-1.84	-1.25	-1.32	-1.3	4.51	11.00	8.24	17.00
5530MHz	Pass	3.96	-1.61	-0.68	-1.6	-1.03	4.66	11.00	8.62	17.00
5610MHz	Pass	3.96	-1.13	-1.44	-2.29	-1.17	4.36	11.00	8.32	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.96	-1.21	-1.51	-1.63	-0.98	4.52	11.00	8.48	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.49	-3.5	-3.59	-3.9	-3.82	2.27	30.00	6.76	36.00
5775MHz	Pass	4.49	3.23	3.95	2.84	3.4	9.18	30.00	13.67	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.24	-4.08	-3.51	-3.59	-4	2.12	17.00	6.36	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.73	-3.5	-3.91	-3.23	-3.89	2.28	11.00	6.01	17.00
5570MHz	Pass	3.96	-5.81	-5.83	-5.95	-5.88	0.07	11.00	4.03	17.00

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

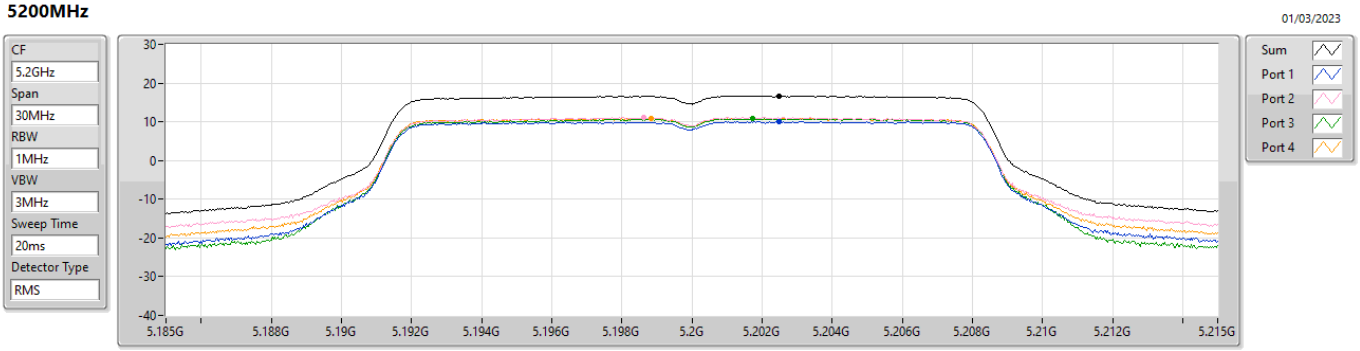
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.63	16.63	10.12	11.19	10.61	10.91

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5200MHz

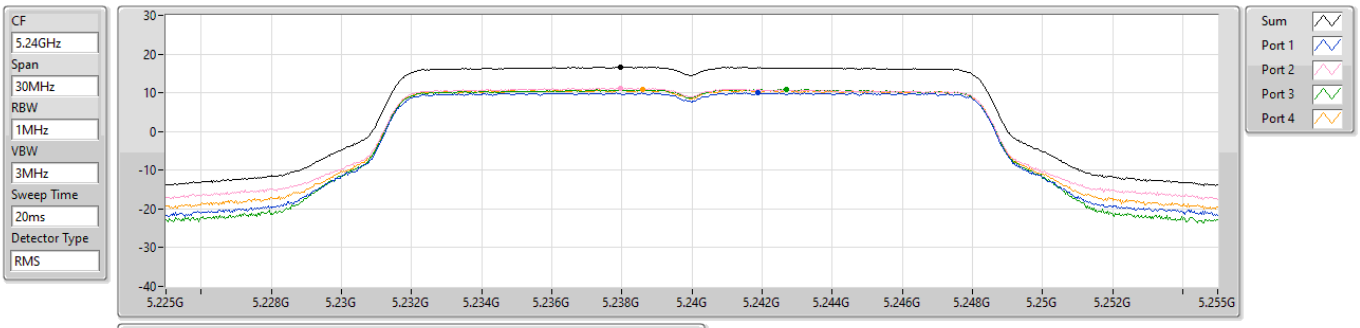


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.67	16.67	10.09	11.14	10.77	10.90

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5240MHz

01/03/2023

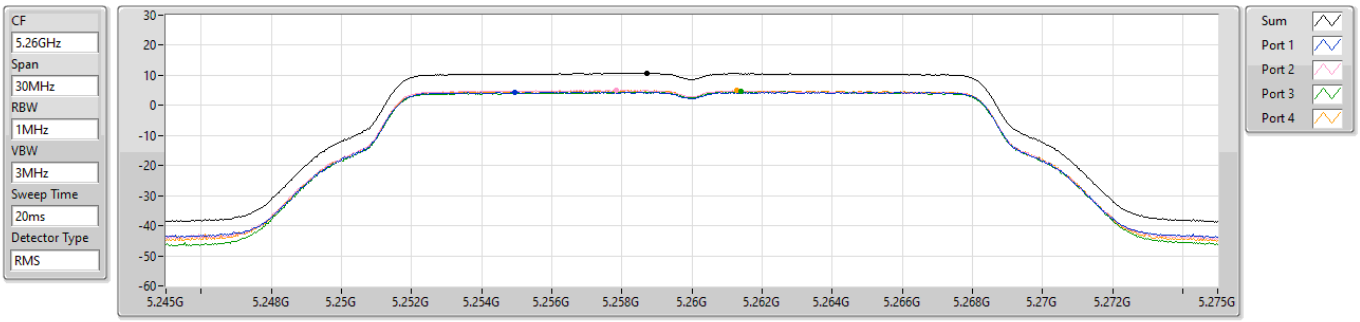


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.61	16.61	10.01	11.17	10.85	10.74

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5260MHz

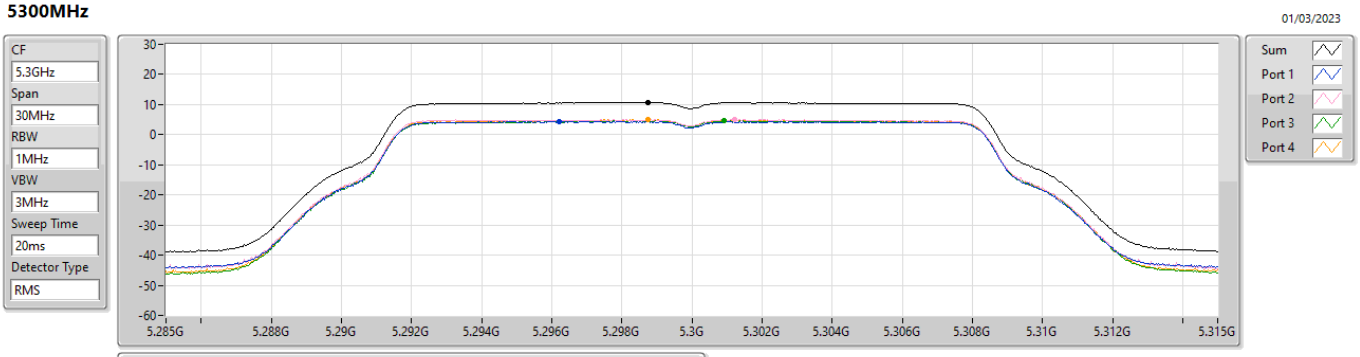
01/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.64	10.64	4.40	5.04	4.59	4.95

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

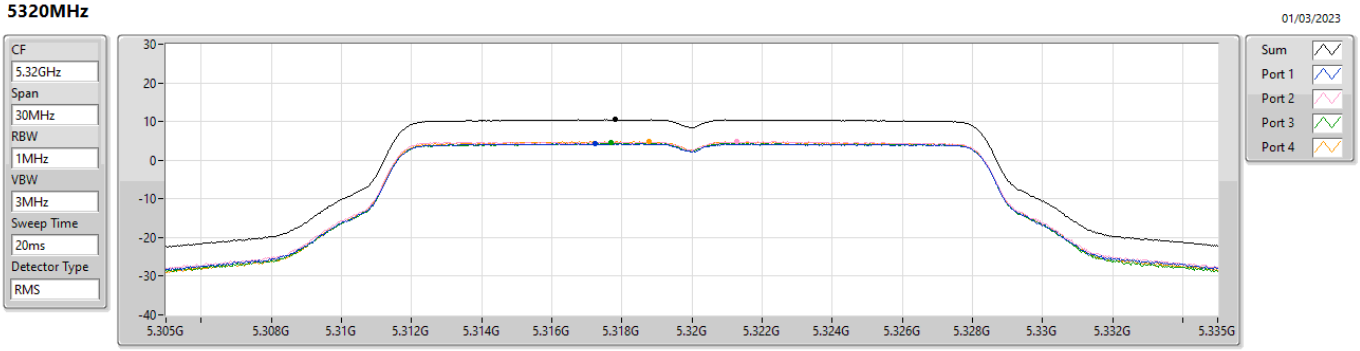
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	4.42	4.99	4.68	4.98

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

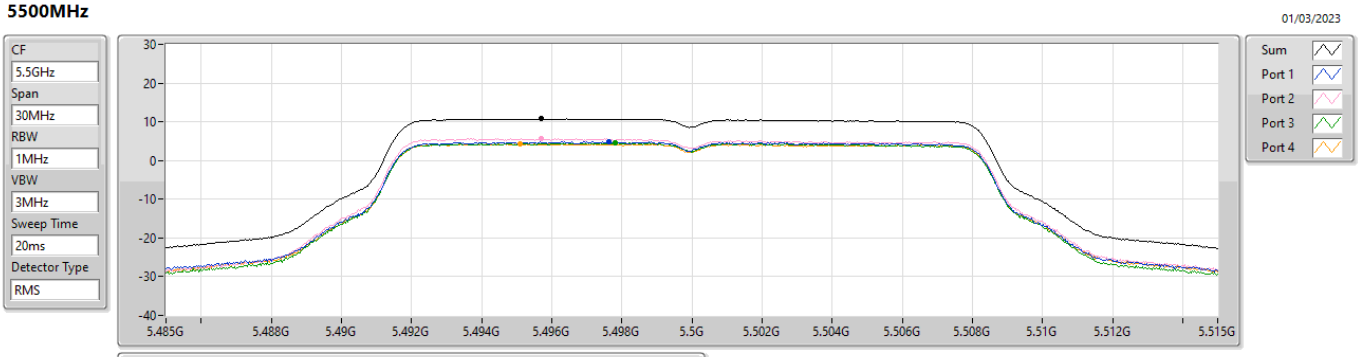
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	4.28	4.83	4.50	4.84

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

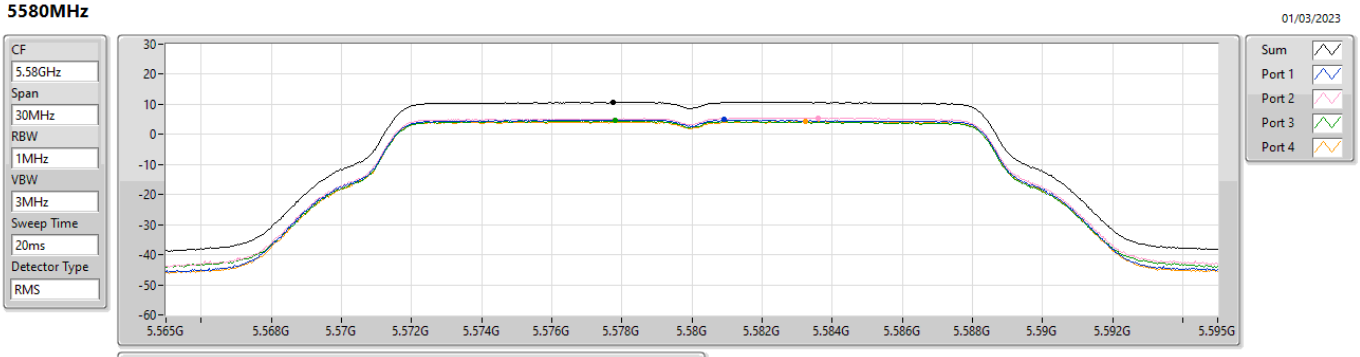
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	4.77	5.70	4.58	4.25

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5580MHz

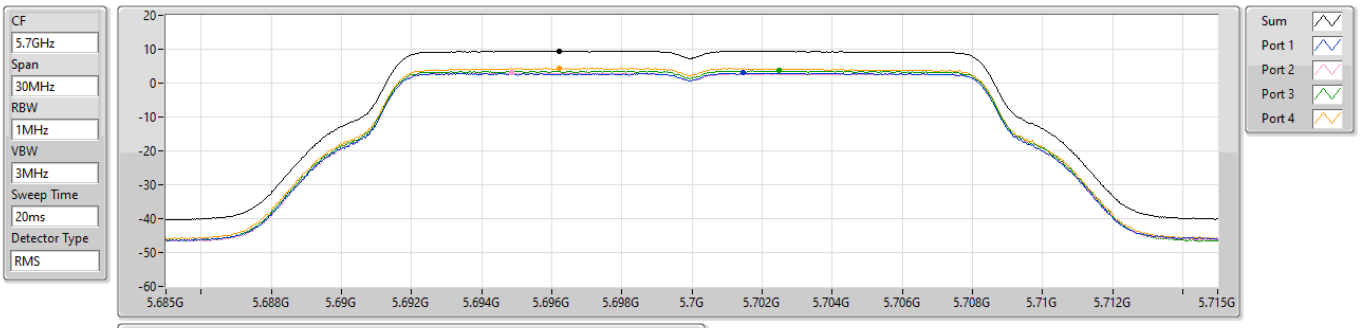


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	4.87	5.53	4.61	4.29

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5700MHz

01/03/2023

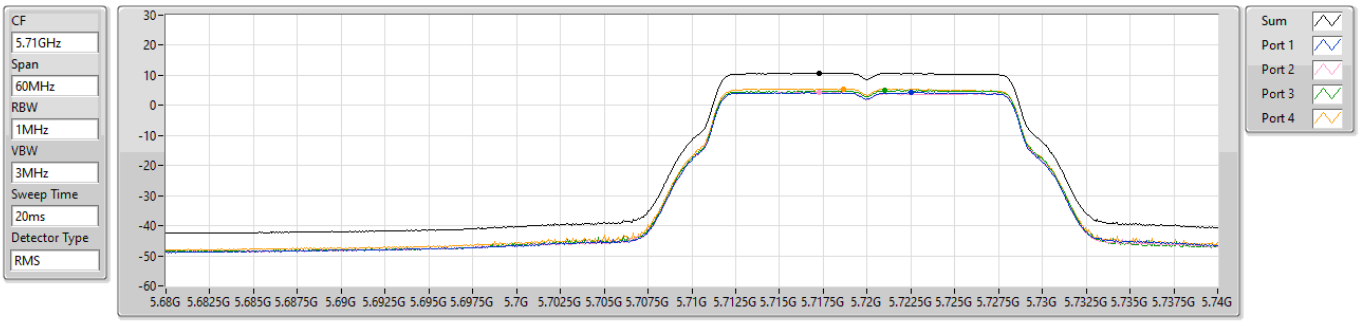


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	2.98	3.05	3.63	4.42

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

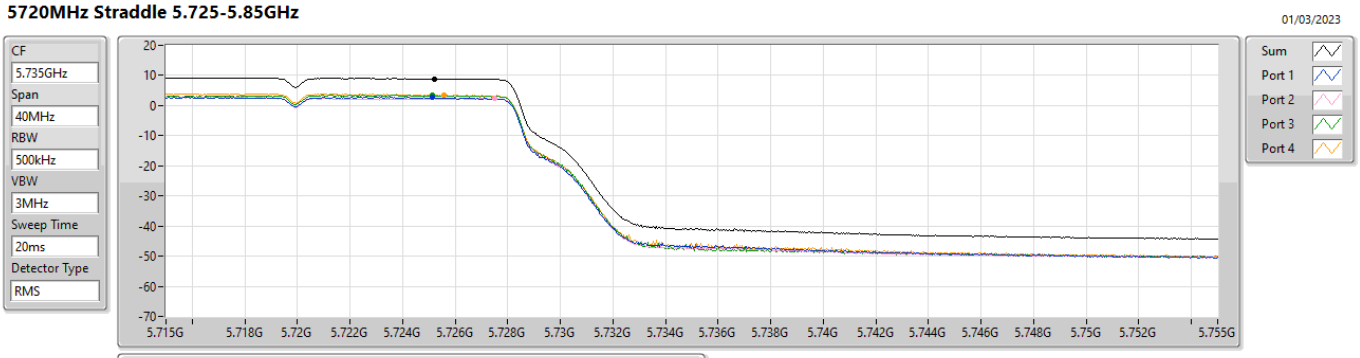
01/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	4.31	4.40	4.93	5.56

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

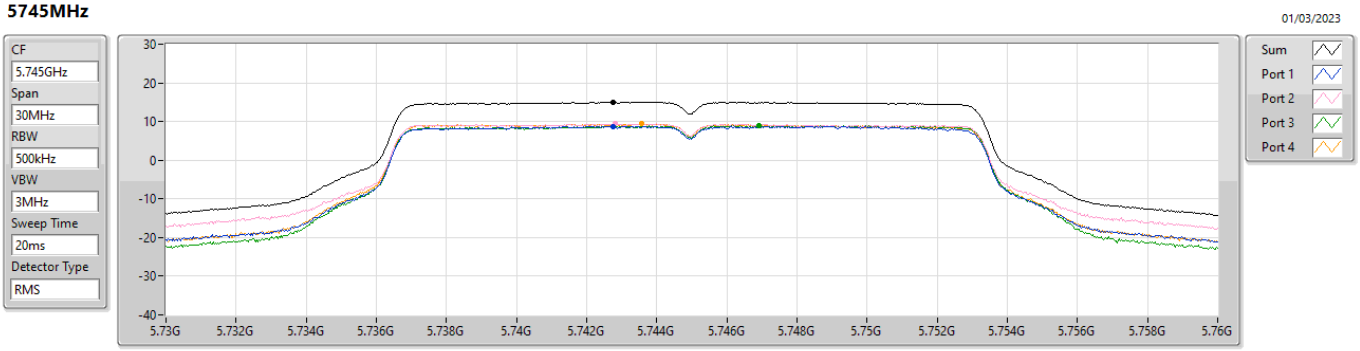
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.92	8.92	2.60	2.41	3.36	3.55

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

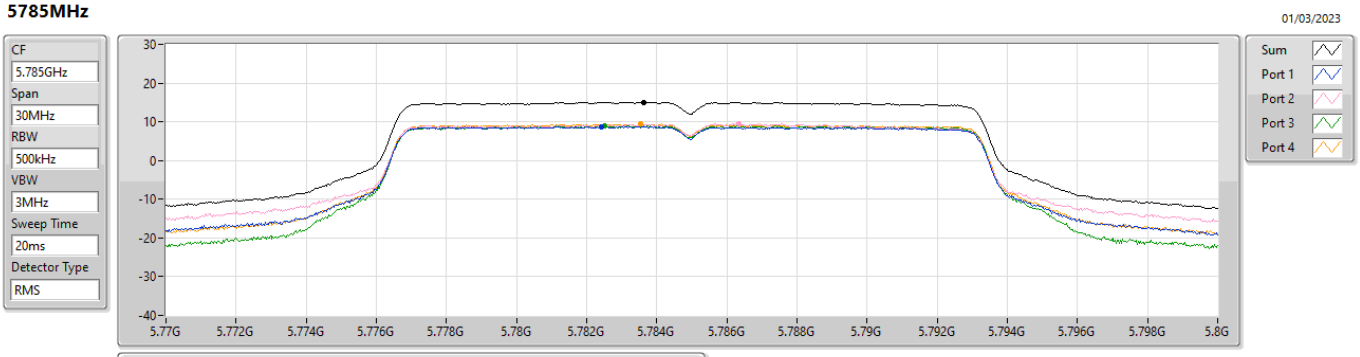
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.04	15.04	8.78	9.41	8.96	9.42

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

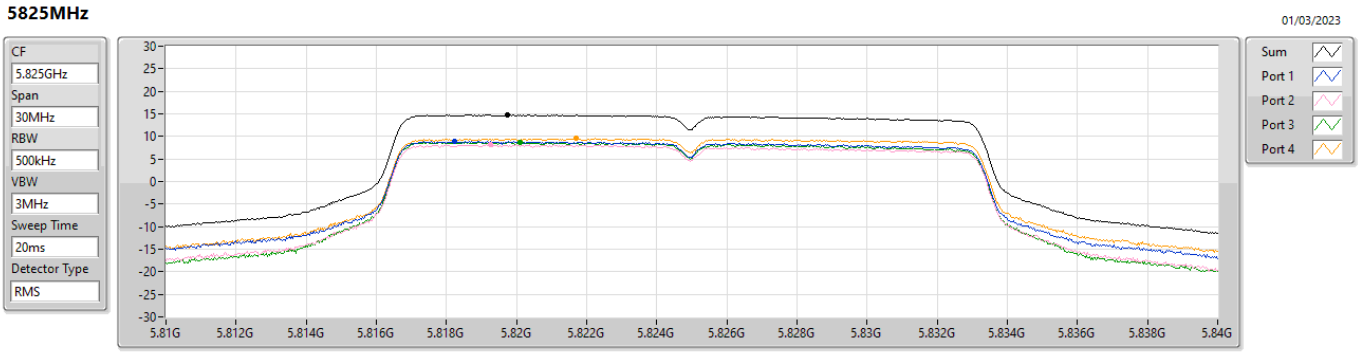
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.04	15.04	8.80	9.46	8.96	9.38

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

5825MHz

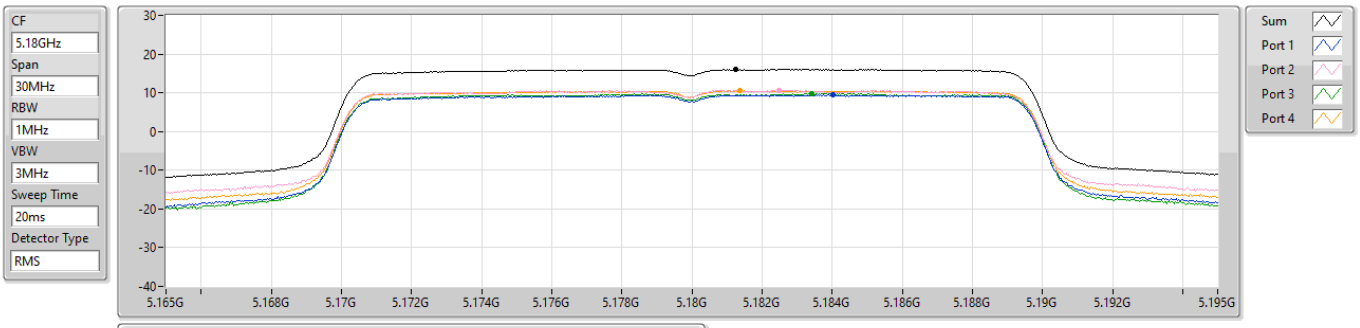


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.73	14.73	8.89	8.18	8.72	9.56

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5180MHz

01/03/2023

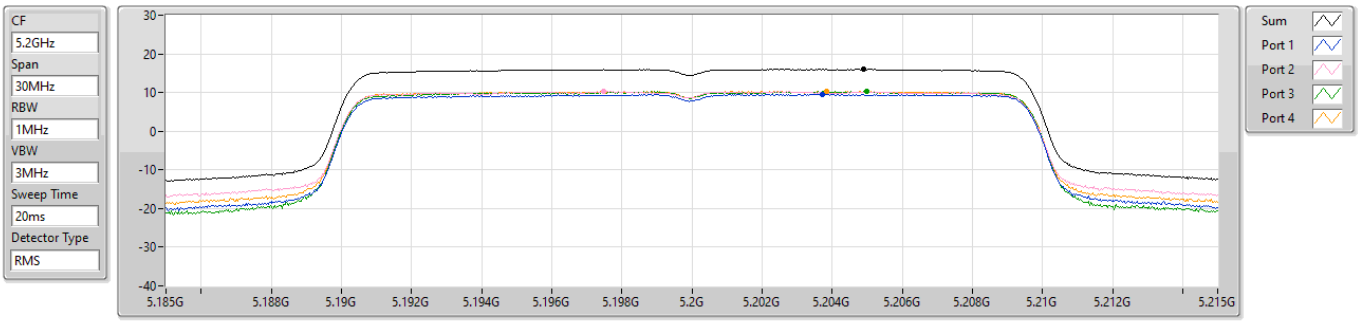


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.01	16.01	9.40	10.64	9.80	10.51

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5200MHz

01/03/2023

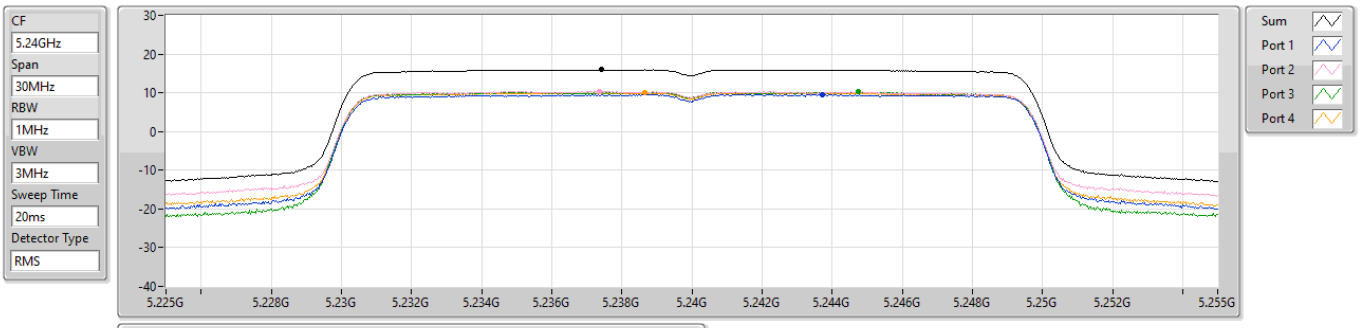


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.99	15.99	9.53	10.26	10.31	10.27

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5240MHz

01/03/2023

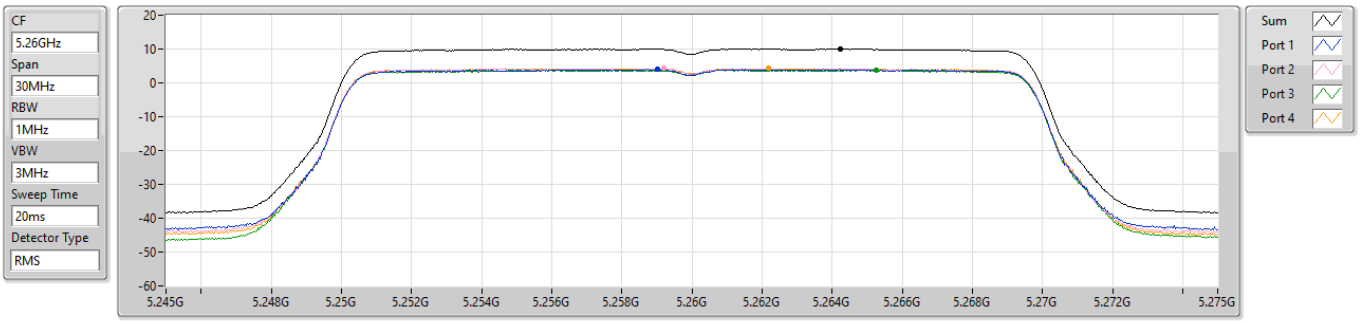


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.93	15.93	9.60	10.40	10.18	9.95

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5260MHz

01/03/2023

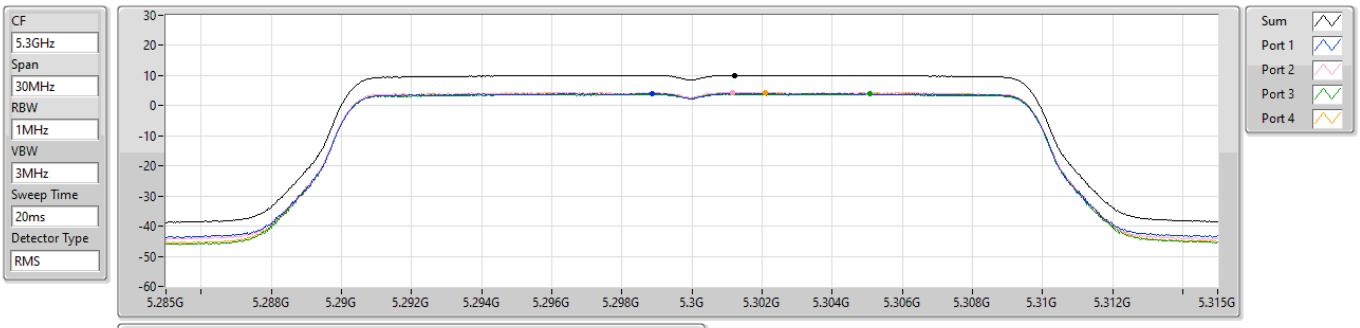


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	3.97	4.28	3.85	4.23

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5300MHz

01/03/2023

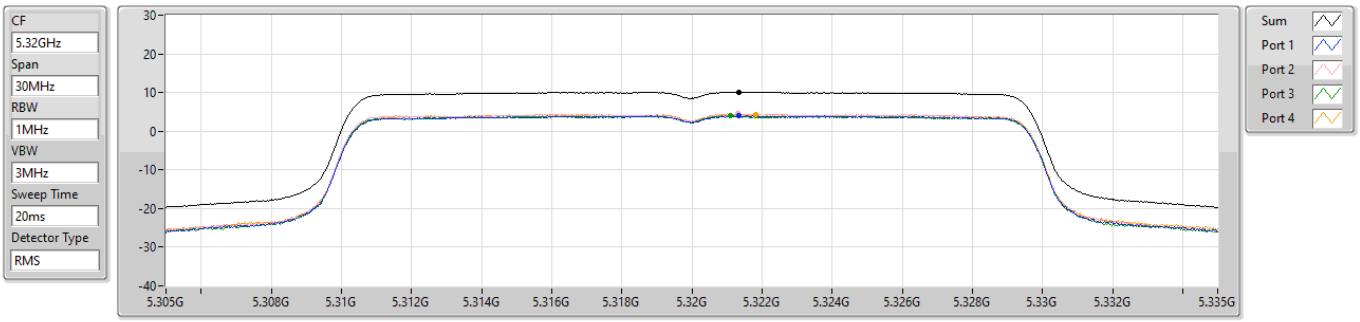


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	4.06	4.45	3.90	4.26

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5320MHz

01/03/2023

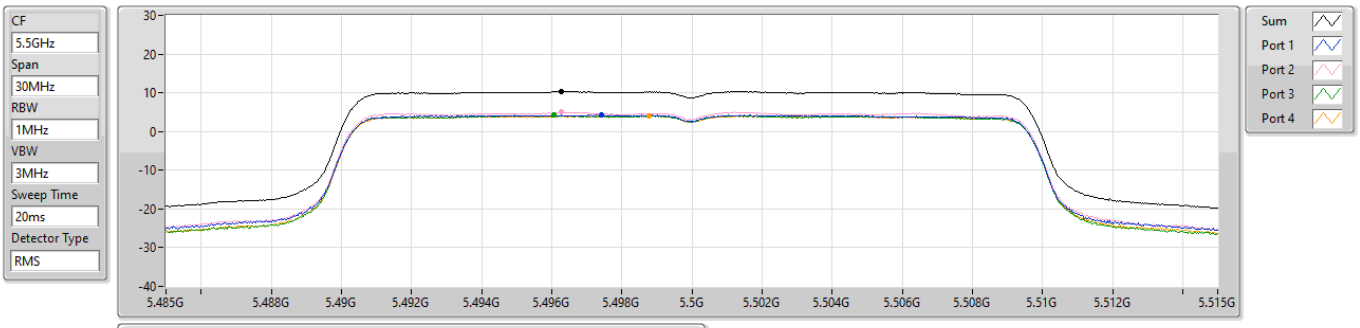


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	10.11	4.01	4.47	3.91	4.34

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5500MHz

01/03/2023

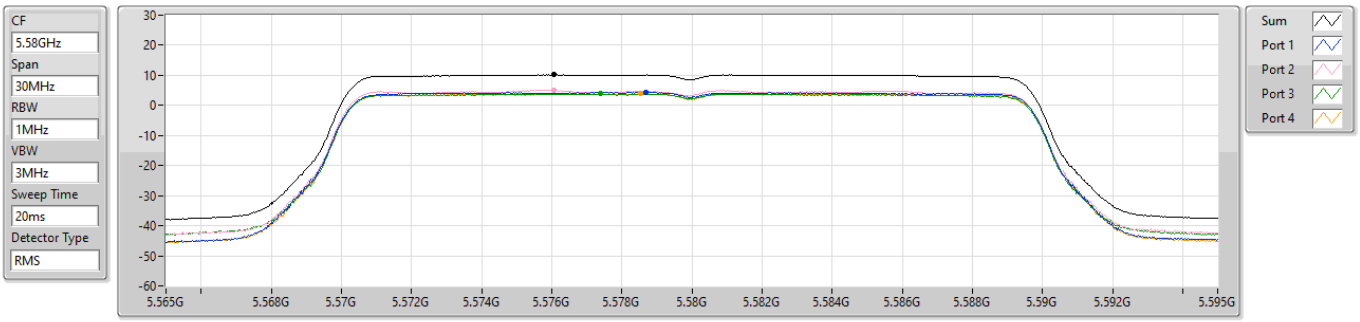


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	4.26	5.01	4.20	4.08

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5580MHz

01/03/2023

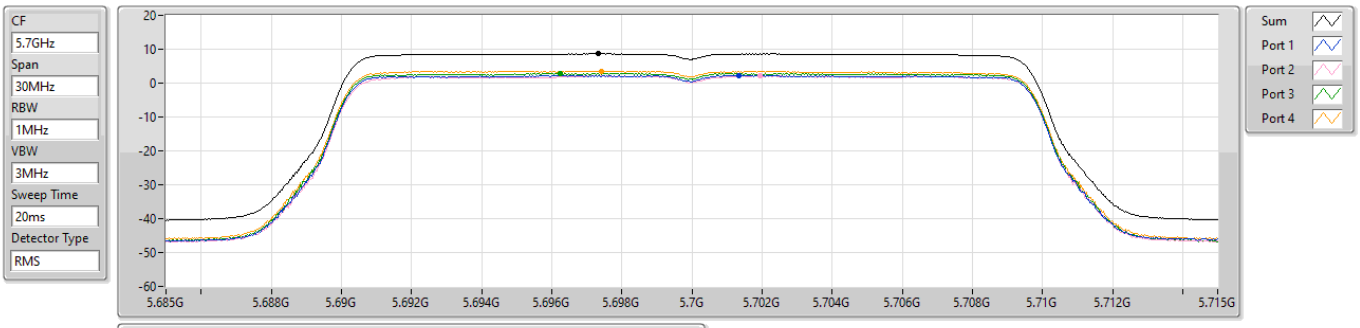


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.22	10.22	4.35	5.03	3.88	3.89

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5700MHz

01/03/2023

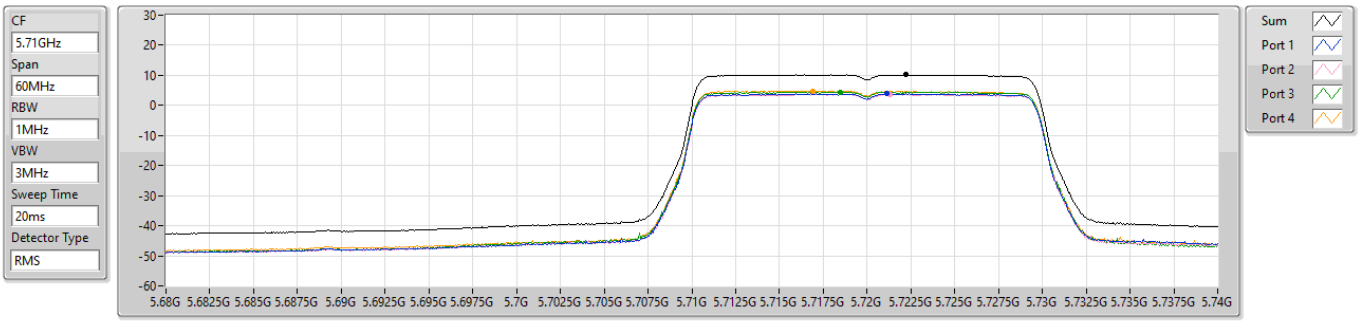


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	2.27	2.17	2.88	3.58

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

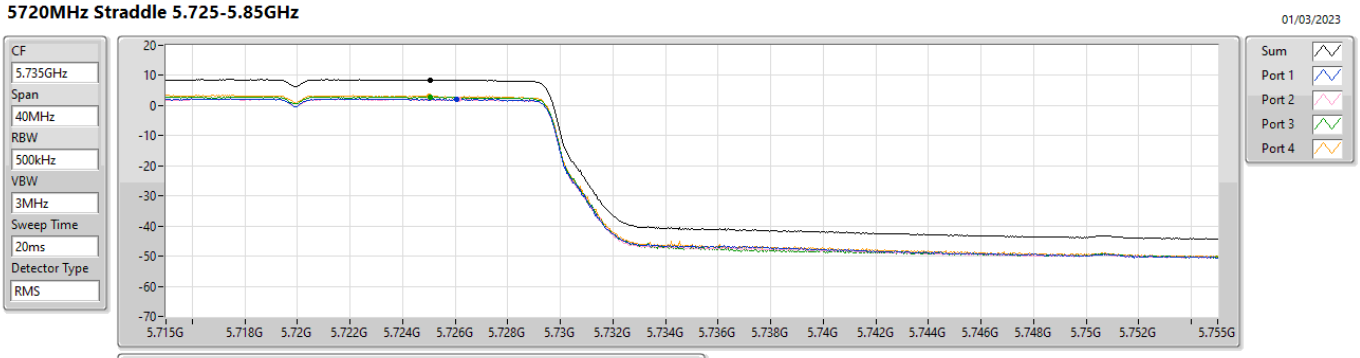
01/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	3.83	3.71	4.43	4.84

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

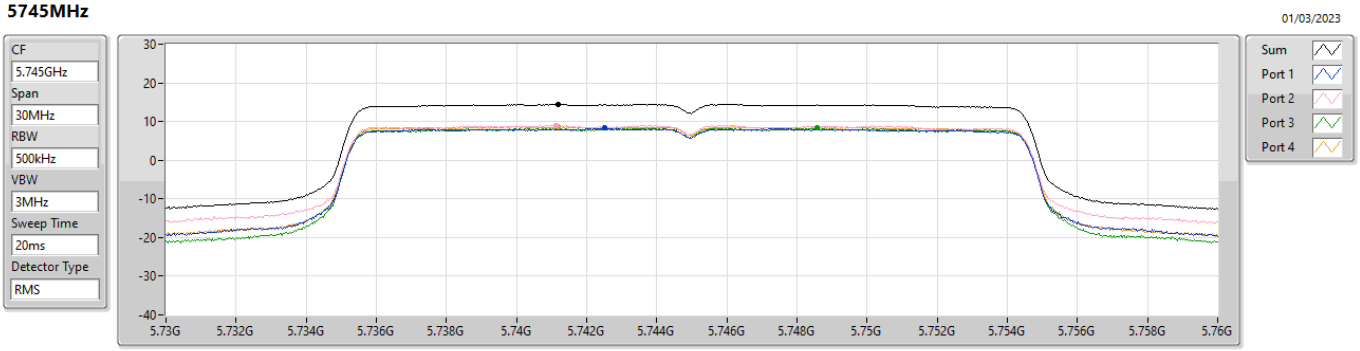
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	2.13	2.01	2.85	3.16

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

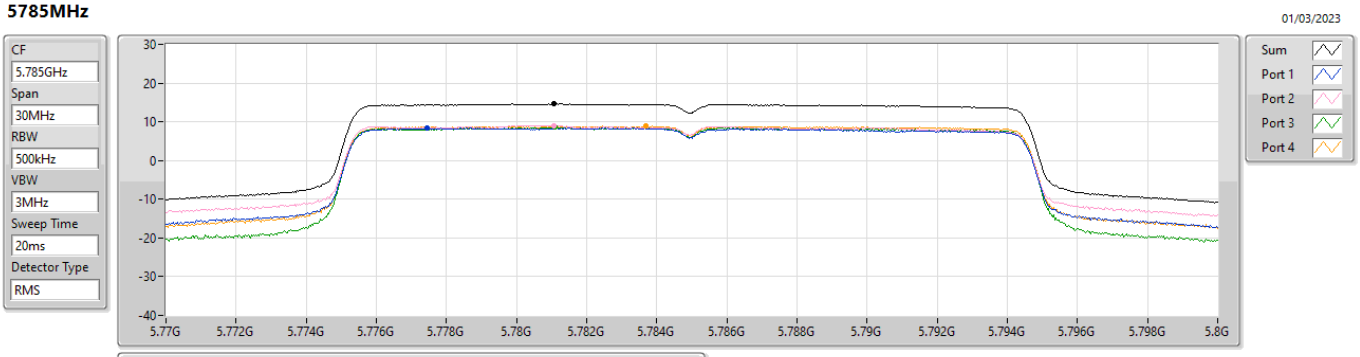
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.45	14.45	8.28	9.07	8.28	8.68

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

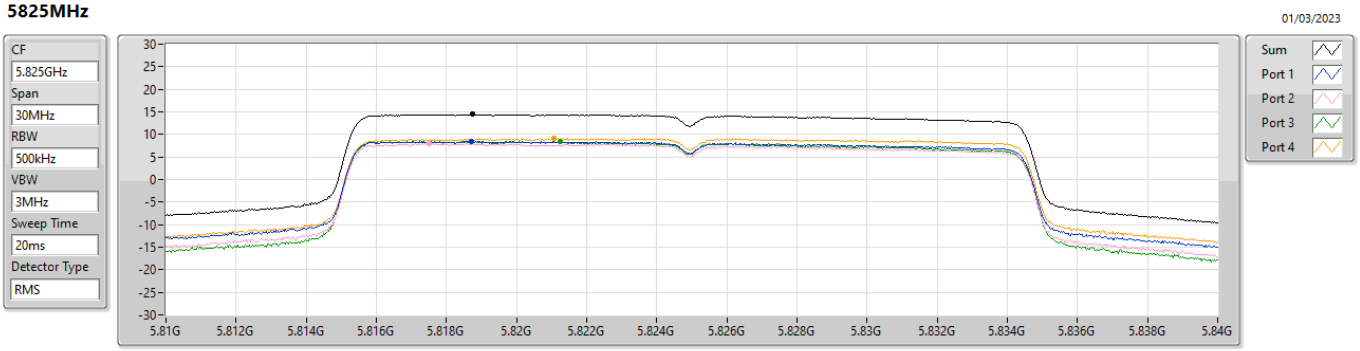
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.70	14.70	8.38	9.04	8.55	8.85

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

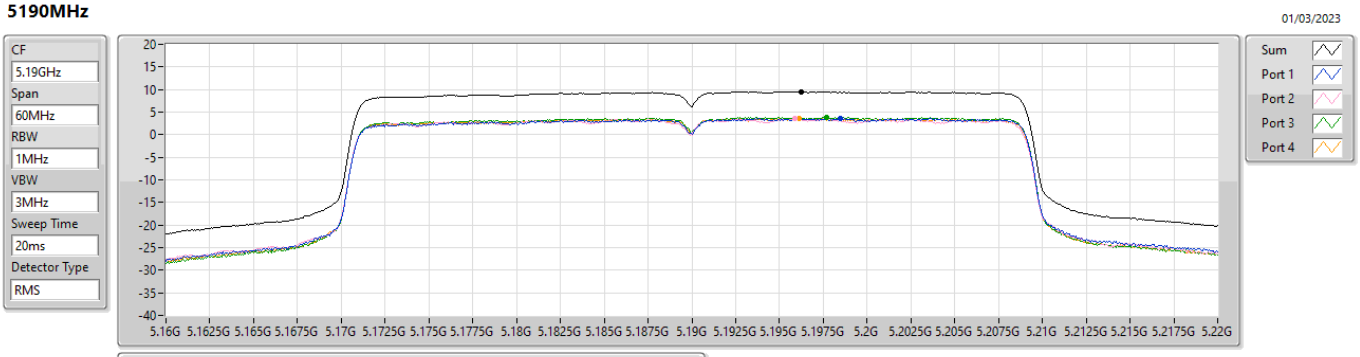
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.42	14.42	8.54	8.00	8.44	9.14

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

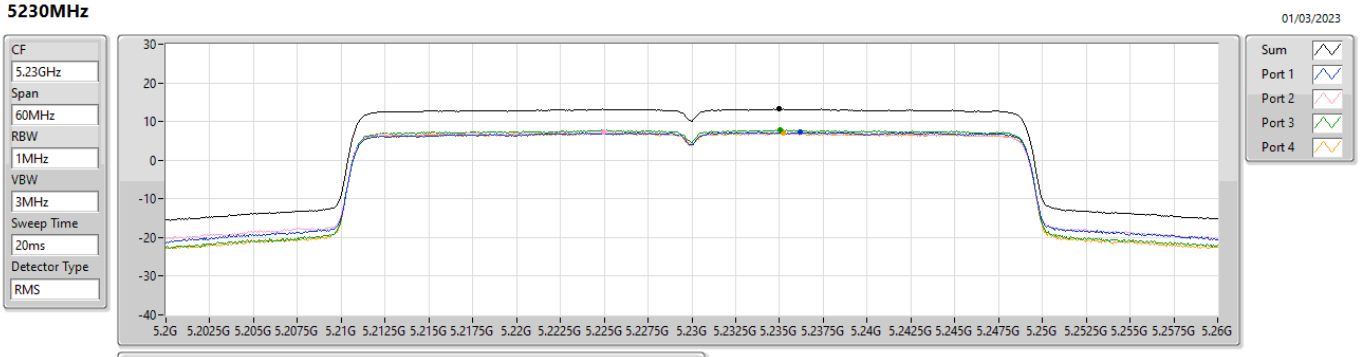
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	3.57	3.48	3.94	3.63

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

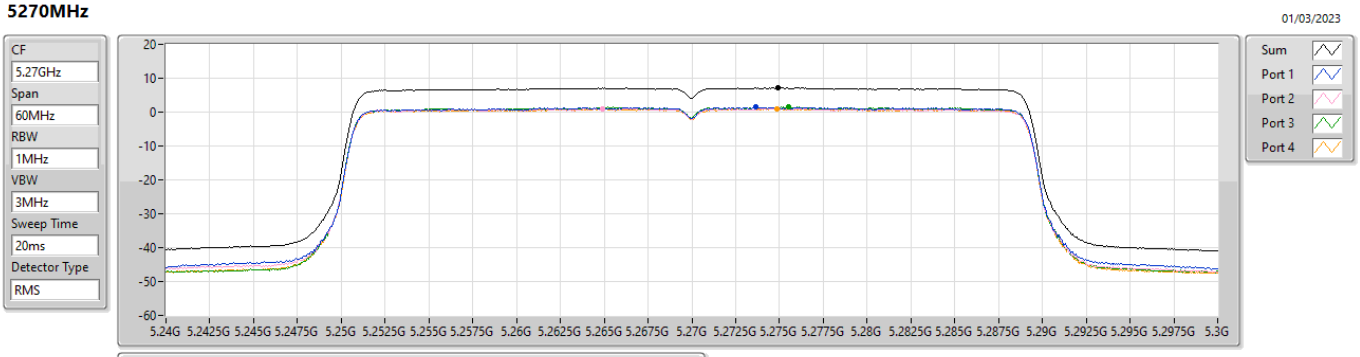
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.26	13.26	7.25	7.30	7.85	6.96

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

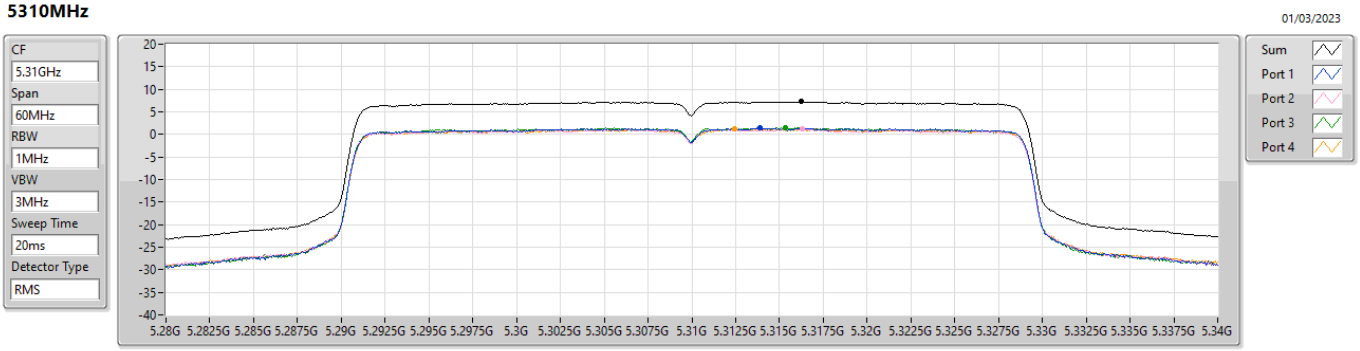
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.45	0.99	1.47	0.99

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

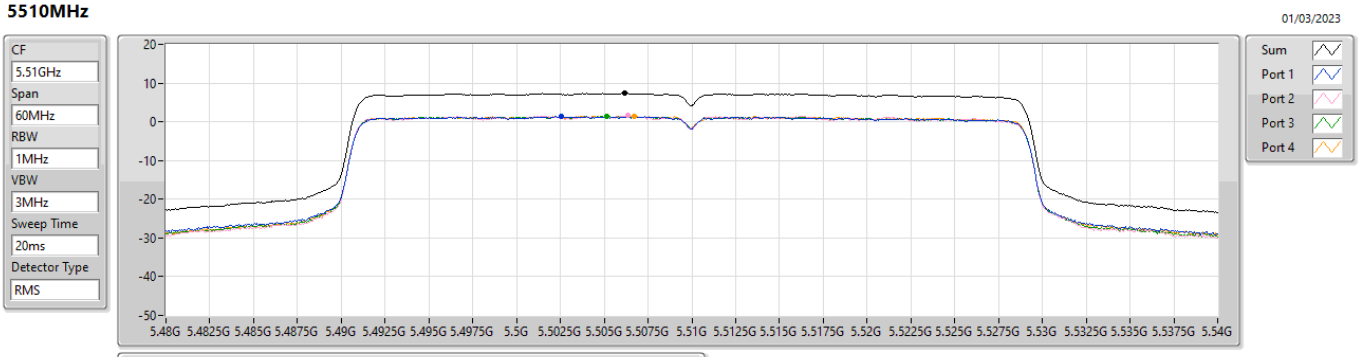
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	1.44	1.24	1.52	1.27

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

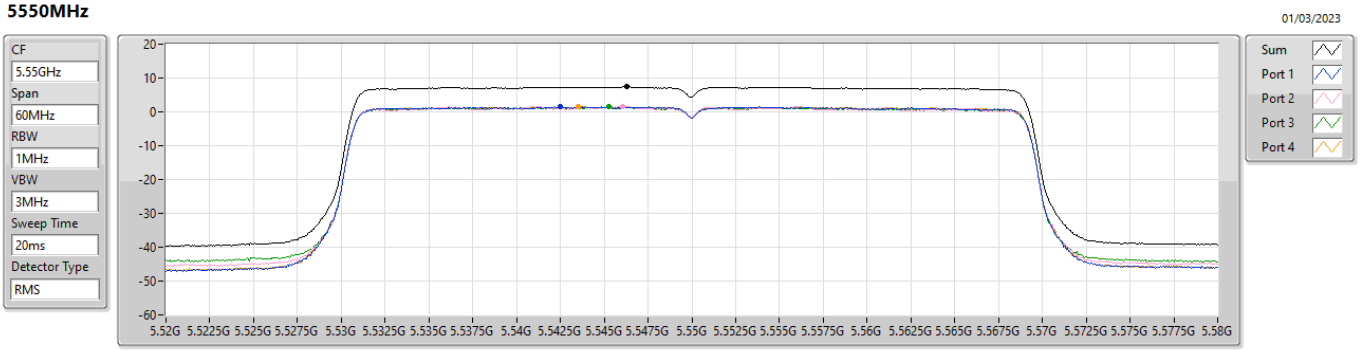
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.36	7.36	1.33	1.57	1.43	1.47

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5550MHz

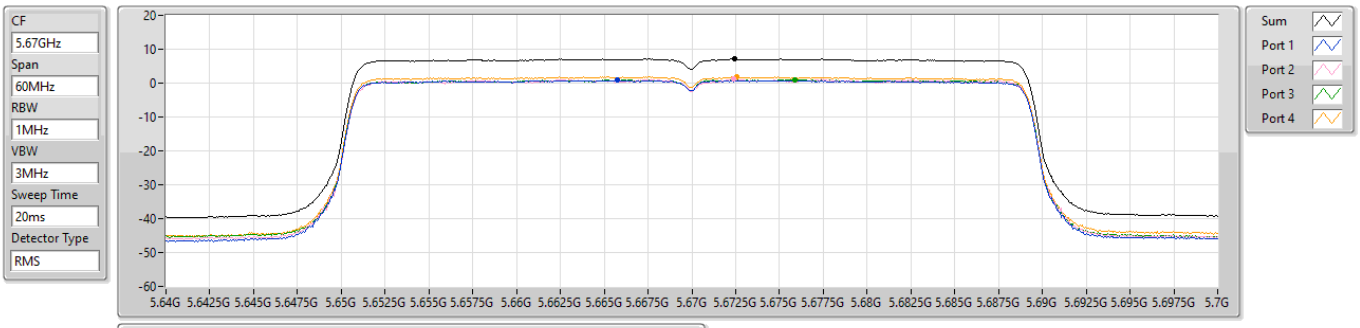


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	1.52	1.69	1.41	1.50

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5670MHz

01/03/2023

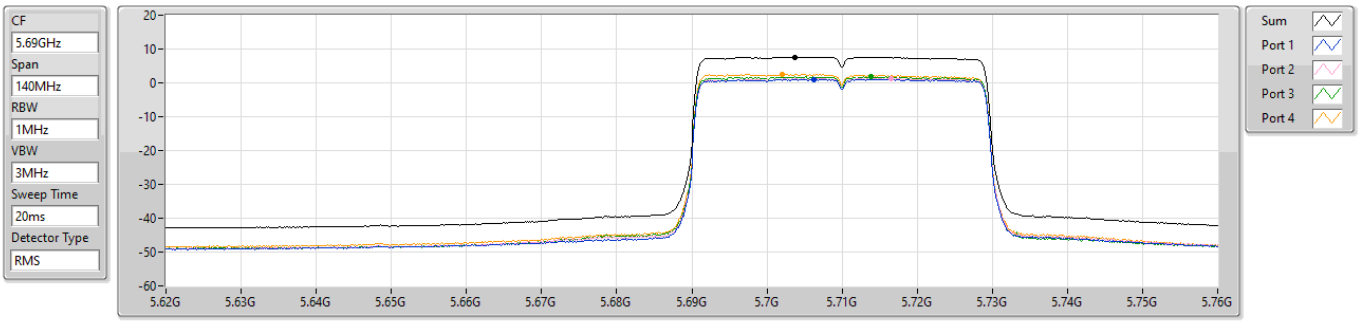


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	0.81	1.13	1.06	1.85

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.47-5.725GHz

01/03/2023

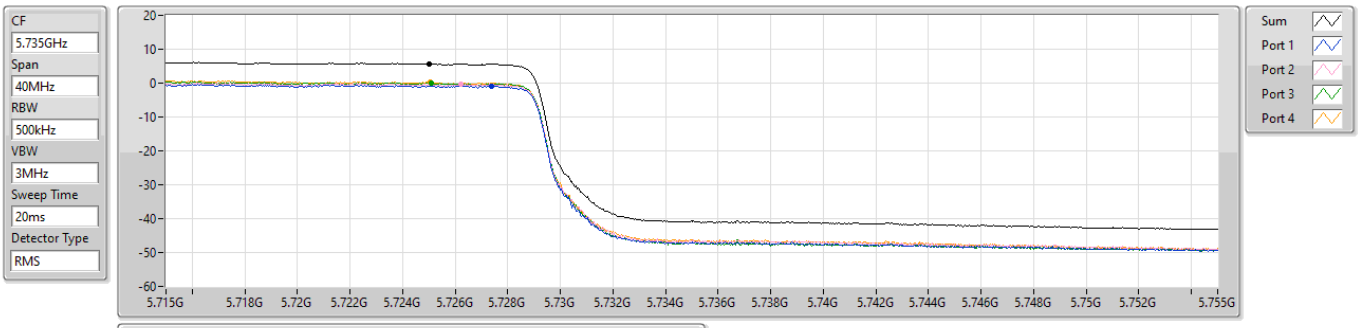


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	1.06	1.33	1.80	2.54

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.725-5.85GHz

01/03/2023

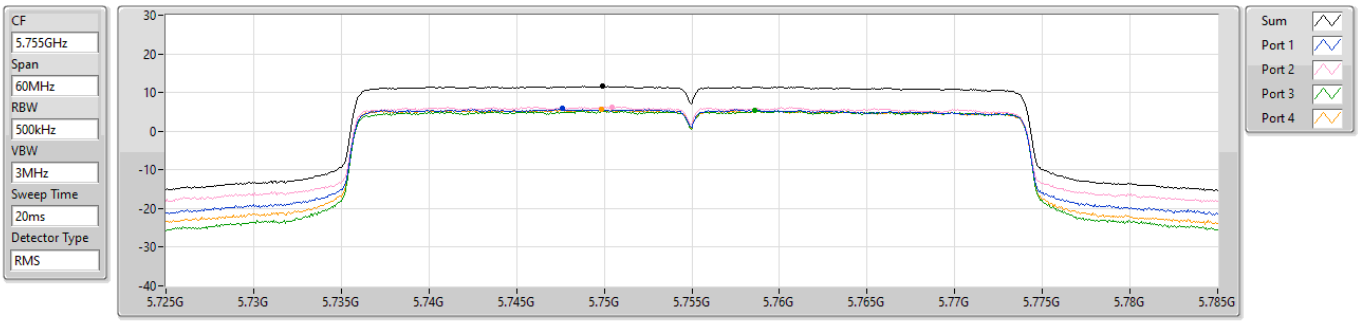


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	-0.80	-0.30	-0.06	0.27

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5755MHz

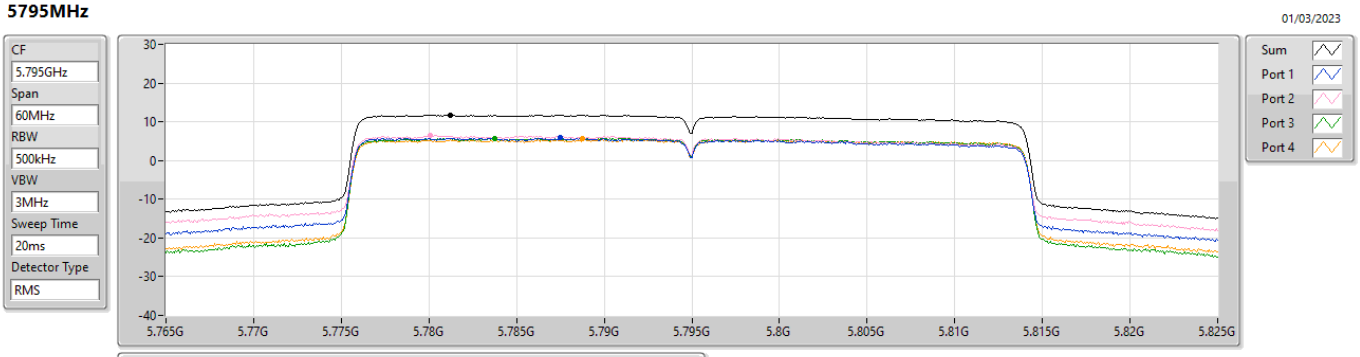
01/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.67	11.67	5.84	6.33	5.26	5.59

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

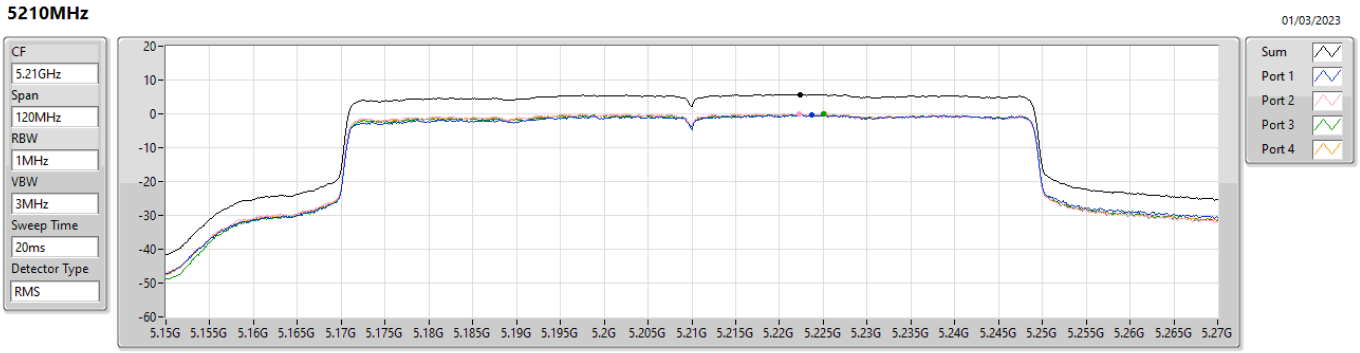
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.77	11.77	5.81	6.47	5.77	5.56

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

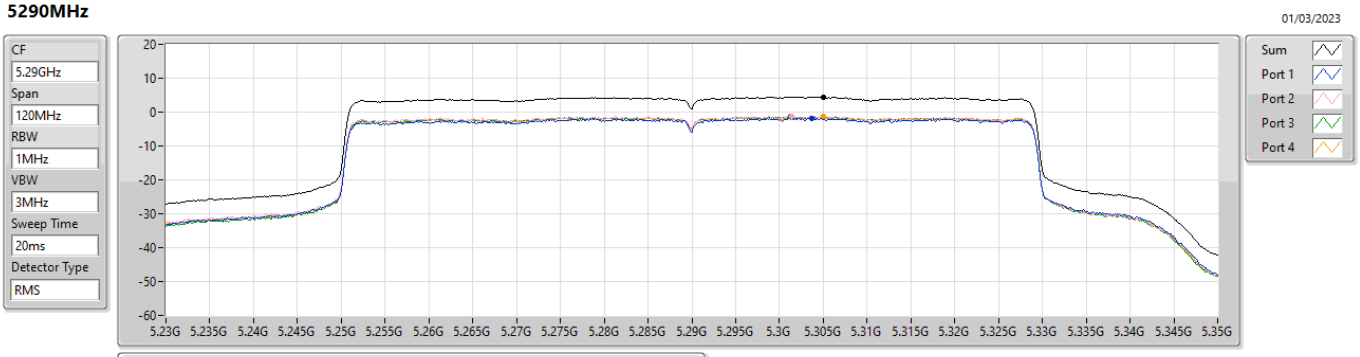
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.78	5.78	-0.21	0.04	-0.09	-0.01

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

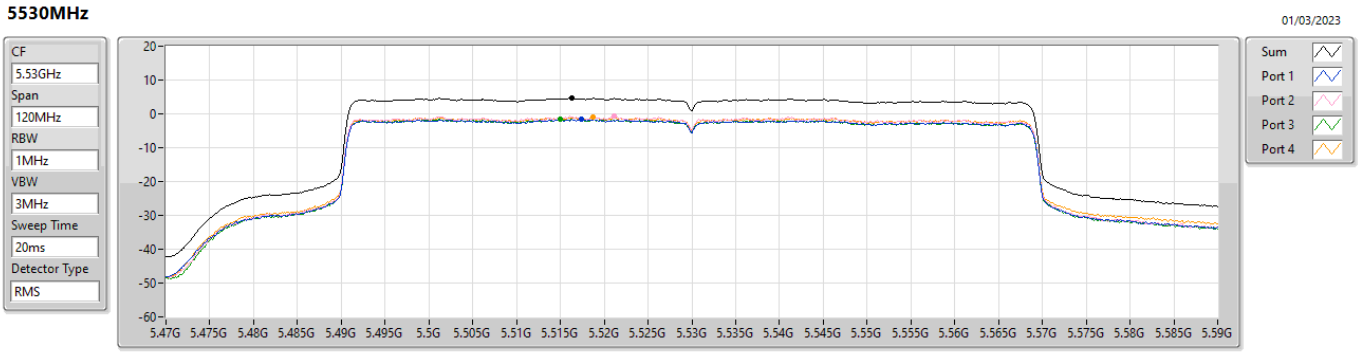
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	-1.84	-1.25	-1.32	-1.30

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

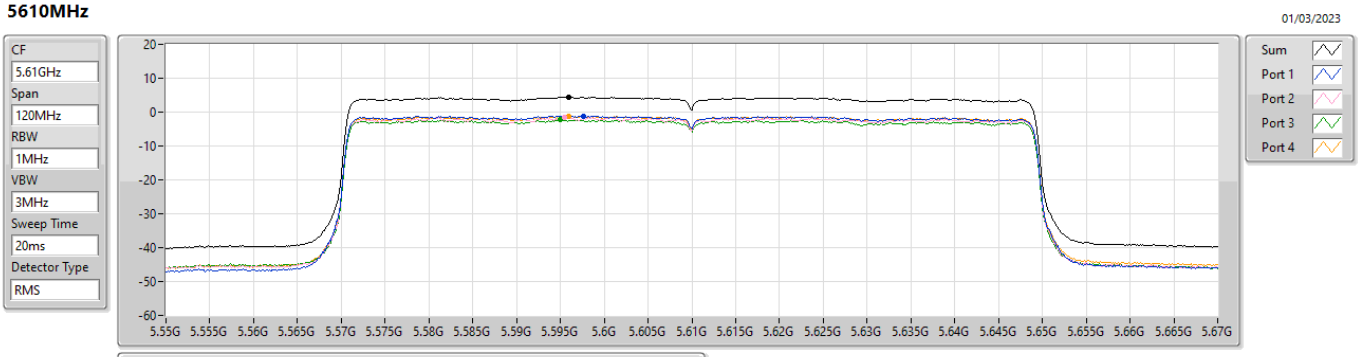
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	-1.61	-0.68	-1.60	-1.03

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

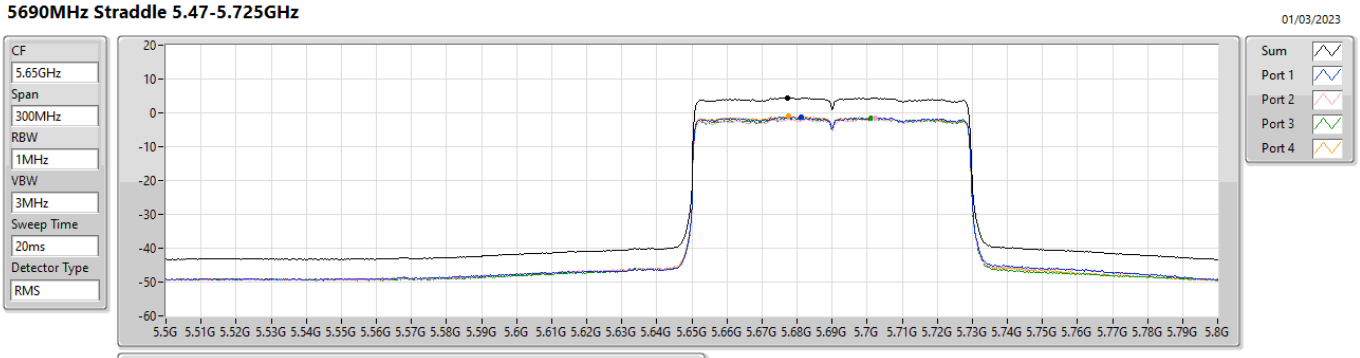
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	-1.13	-1.44	-2.29	-1.17

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

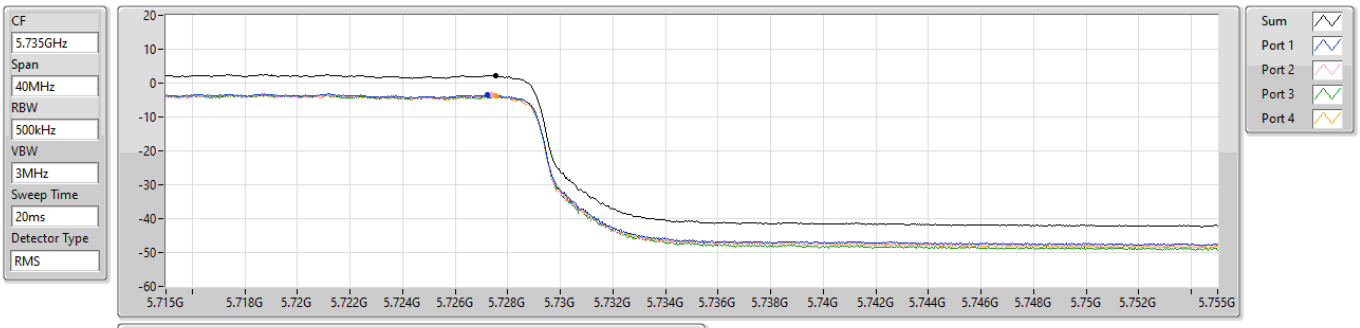


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	-1.21	-1.51	-1.63	-0.98

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

01/03/2023

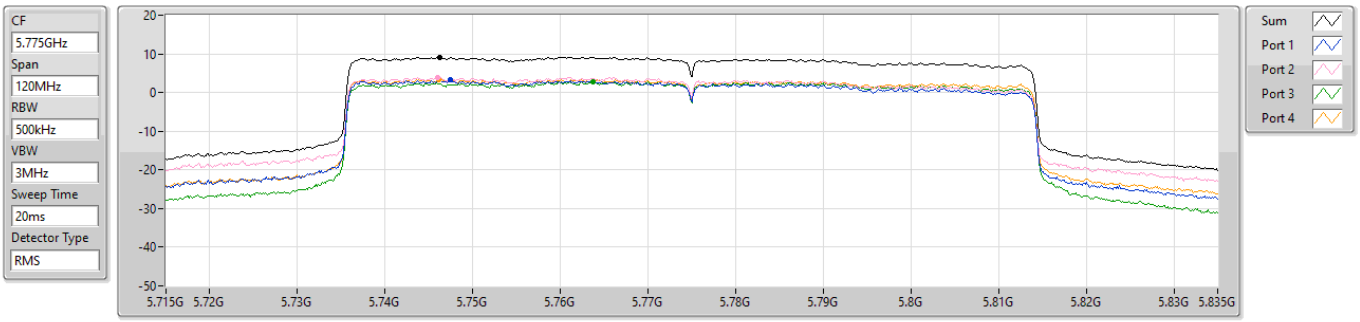


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-3.50	-3.59	-3.90	-3.82

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5775MHz

01/03/2023

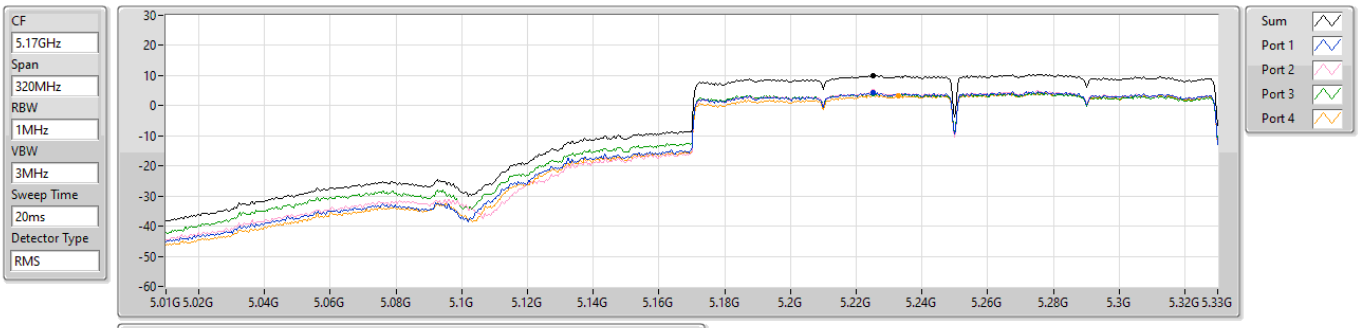


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	3.23	3.95	2.84	3.40

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.15-5.25GHz

23/02/2023

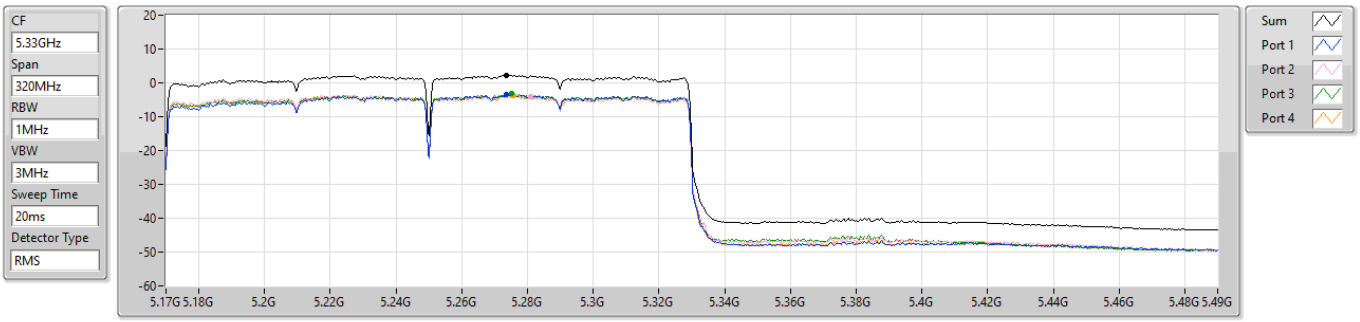


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	4.20	4.58	4.15	3.39

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

01/03/2023

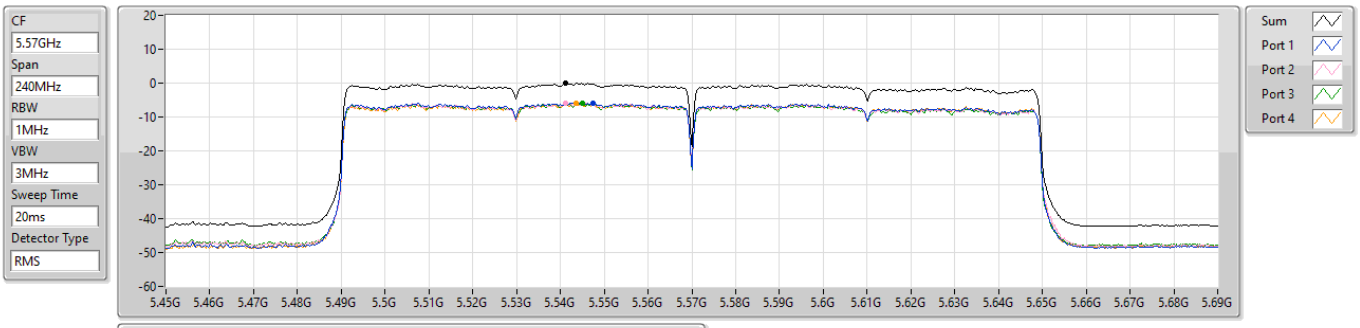


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.28	2.28	-3.50	-3.91	-3.23	-3.89

5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5570MHz

01/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	-5.81	-5.83	-5.95	-5.88

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.60	20.84
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.70	17.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.89	12.13
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.90	7.14
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.90	14.63
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.17	11.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.75	8.48
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	3.03	6.76
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.80	14.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.93	11.89
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.96	8.92
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.04	5.00
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.39	19.88
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.65	17.14
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.80	12.29

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

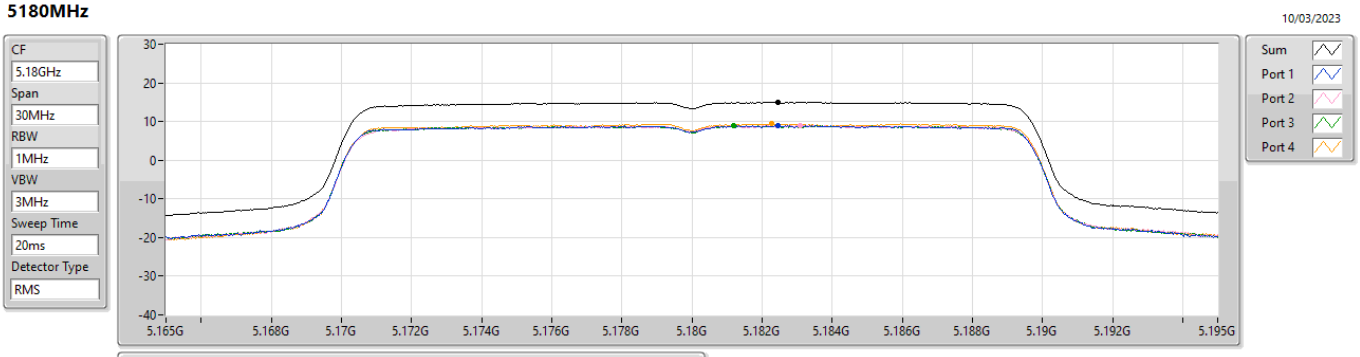
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.24	8.92	8.95	8.87	9.38	14.93	17.00	19.17	23.00
5200MHz	Pass	4.24	10.90	10.67	10.69	11.06	16.60	17.00	20.84	23.00
5240MHz	Pass	4.24	10.84	10.72	10.89	10.75	16.59	17.00	20.83	23.00
5260MHz	Pass	3.73	4.87	5.39	5.13	4.88	10.90	11.00	14.63	17.00
5300MHz	Pass	3.73	4.45	5.16	4.98	4.95	10.83	11.00	14.56	17.00
5320MHz	Pass	3.73	4.42	4.95	4.82	4.76	10.63	11.00	14.36	17.00
5500MHz	Pass	3.96	4.42	5.20	5.11	4.84	10.80	11.00	14.76	17.00
5580MHz	Pass	3.96	4.28	5.21	5.00	4.52	10.67	11.00	14.63	17.00
5700MHz	Pass	3.96	3.31	3.35	3.95	3.89	9.55	11.00	13.51	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.96	3.29	3.26	3.93	3.81	9.51	11.00	13.47	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.49	1.38	1.64	2.36	1.84	7.76	30.00	12.25	36.00
5745MHz	Pass	4.49	9.64	9.97	9.36	9.14	15.21	30.00	19.70	36.00
5785MHz	Pass	4.49	9.40	10.56	9.41	9.77	15.39	30.00	19.88	36.00
5825MHz	Pass	4.49	9.32	8.49	9.32	9.19	14.73	30.00	19.22	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.24	2.59	2.26	2.41	2.49	8.22	17.00	12.46	23.00
5230MHz	Pass	4.24	7.94	7.82	8.32	7.48	13.70	17.00	17.94	23.00
5270MHz	Pass	3.73	2.11	2.55	2.31	1.74	7.95	11.00	11.68	17.00
5310MHz	Pass	3.73	1.95	2.53	2.49	2.09	8.17	11.00	11.90	17.00
5510MHz	Pass	3.96	1.54	1.89	2.13	1.93	7.76	11.00	11.72	17.00
5550MHz	Pass	3.96	1.79	2.09	2.16	1.78	7.86	11.00	11.82	17.00
5670MHz	Pass	3.96	1.85	1.95	2.19	2.11	7.93	11.00	11.89	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.96	1.41	1.36	1.95	1.98	7.57	11.00	11.53	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.49	-0.72	-0.65	0.09	-0.57	5.50	30.00	9.99	36.00
5755MHz	Pass	4.49	6.84	7.09	6.60	6.64	12.24	30.00	16.73	36.00
5795MHz	Pass	4.49	7.86	7.52	6.85	6.66	12.65	30.00	17.14	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.24	2.20	1.98	2.16	1.78	7.89	17.00	12.13	23.00
5290MHz	Pass	3.73	-1.15	-1.25	-0.81	-1.00	4.75	11.00	8.48	17.00
5530MHz	Pass	3.96	-1.08	-0.91	-0.74	-1.10	4.78	11.00	8.74	17.00
5610MHz	Pass	3.96	-1.01	-0.62	-1.05	-1.09	4.96	11.00	8.92	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.96	-1.77	-1.44	-1.51	-1.50	4.32	11.00	8.28	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.49	-3.54	-3.26	-3.38	-5.84	2.06	30.00	6.55	36.00
5775MHz	Pass	4.49	2.52	2.87	1.70	2.06	7.80	30.00	12.29	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.24	-3.17	-2.95	-3.04	-3.05	2.90	17.00	7.14	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.73	-2.69	-3.07	-2.85	-2.93	3.03	11.00	6.76	17.00
5570MHz	Pass	3.96	-4.57	-5.16	-4.97	-4.99	1.04	11.00	5.00	17.00

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

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

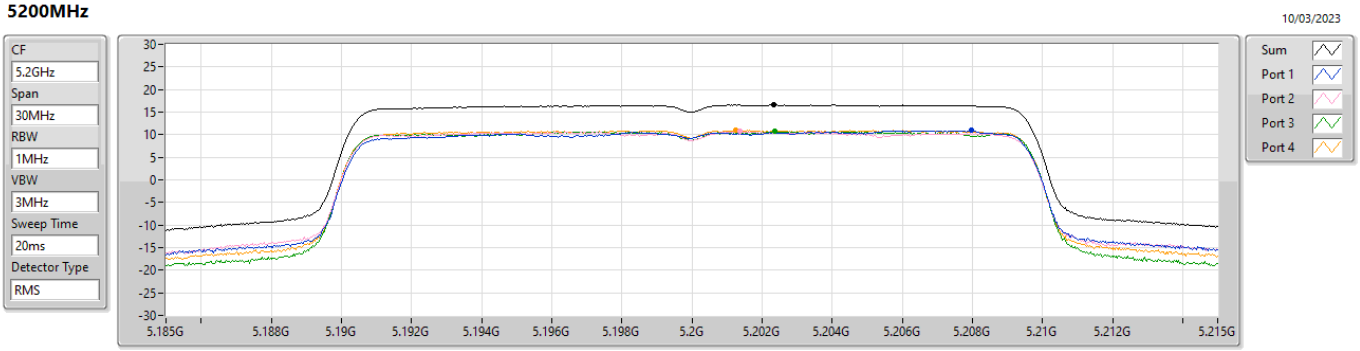
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.93	14.93	8.92	8.95	8.87	9.38

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5200MHz

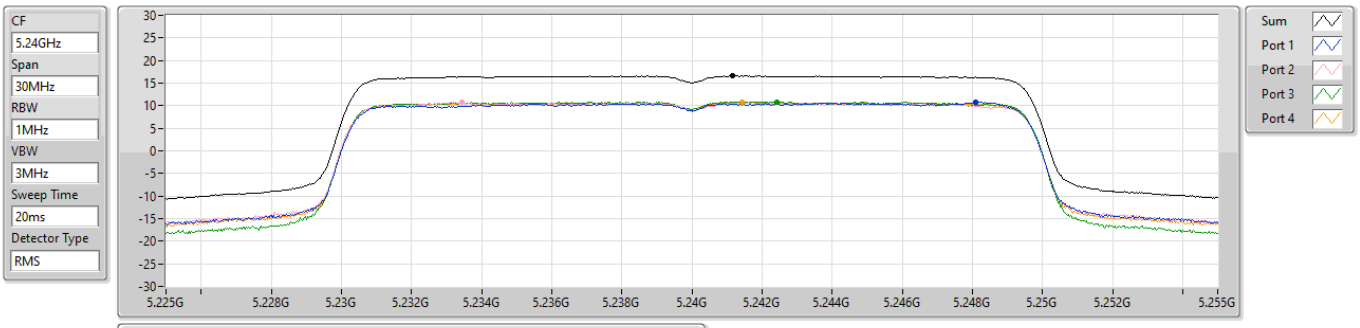


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.60	16.60	10.90	10.67	10.69	11.06

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5240MHz

10/03/2023

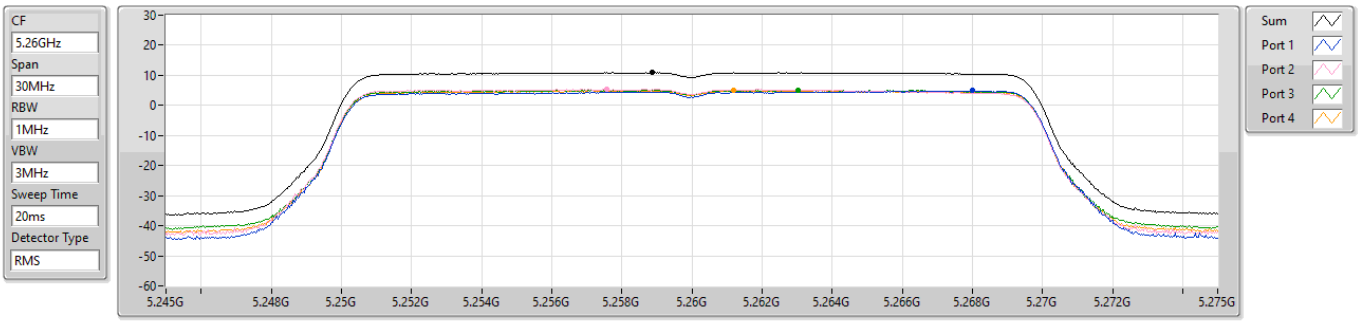


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.59	16.59	10.84	10.72	10.89	10.75

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5260MHz

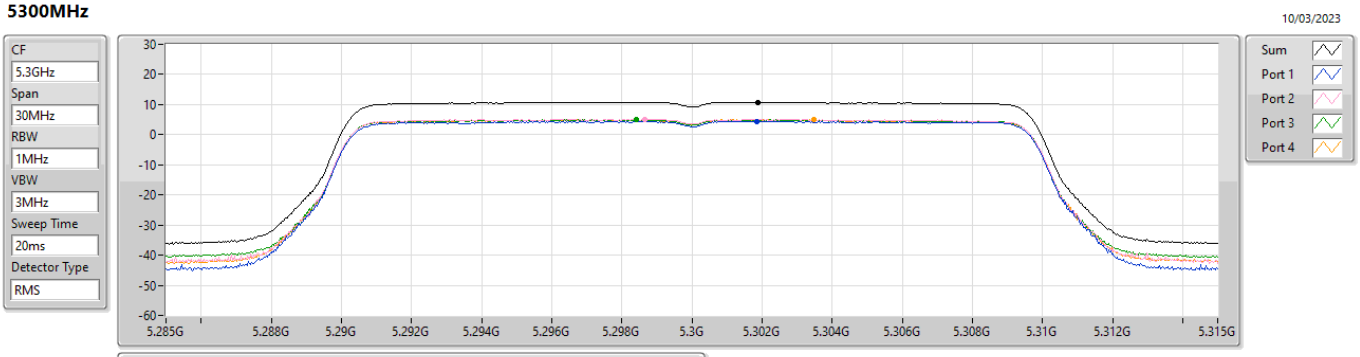
10/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	4.87	5.39	5.13	4.88

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

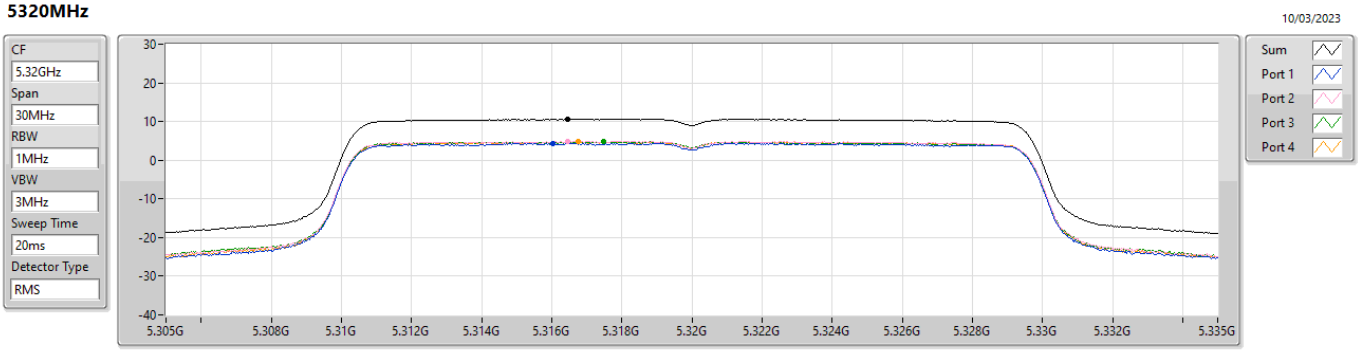
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	4.45	5.16	4.98	4.95

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

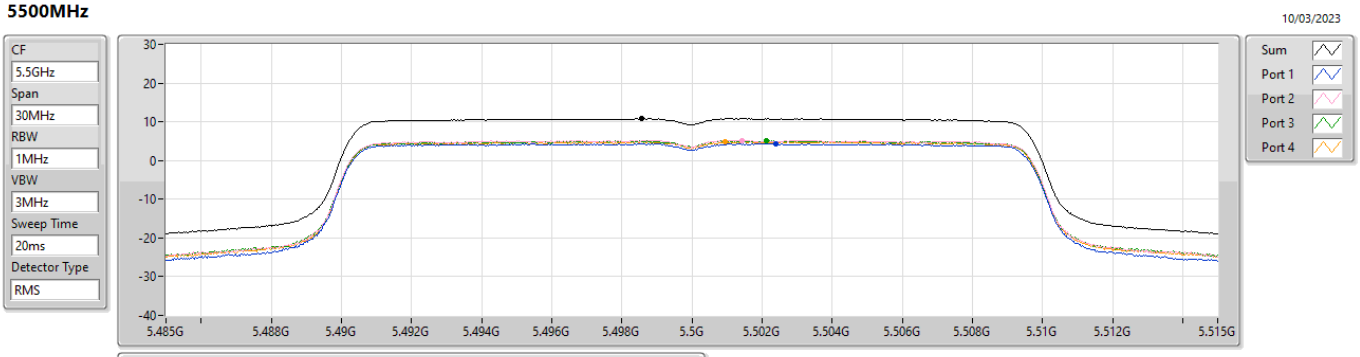
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	4.42	4.95	4.82	4.76

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

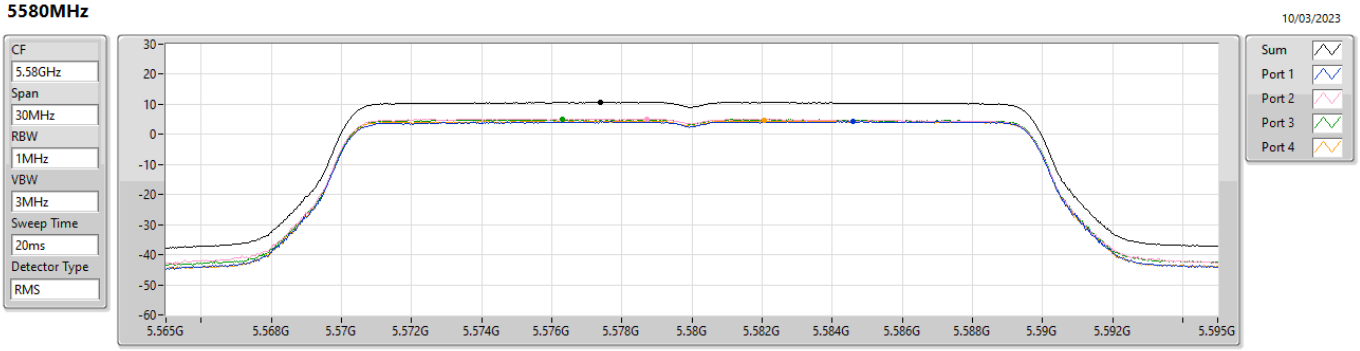
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.42	5.20	5.11	4.84

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5580MHz

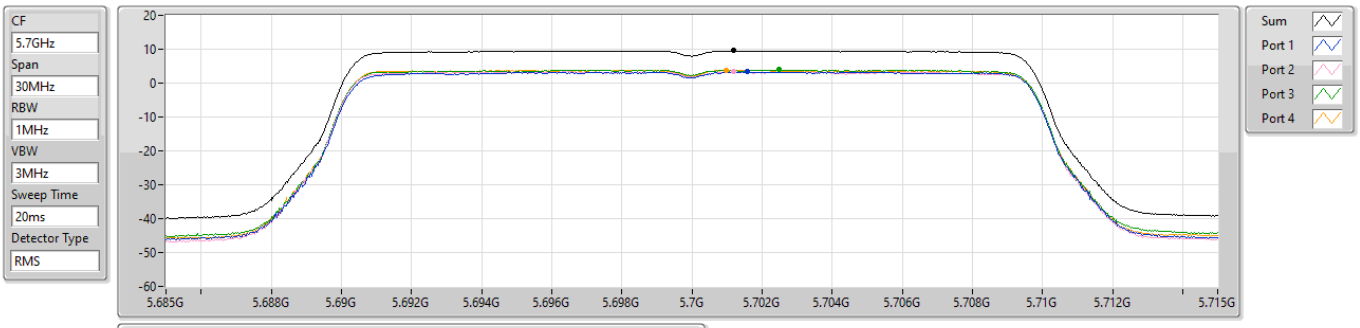


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.67	10.67	4.28	5.21	5.00	4.52

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5700MHz

10/03/2023

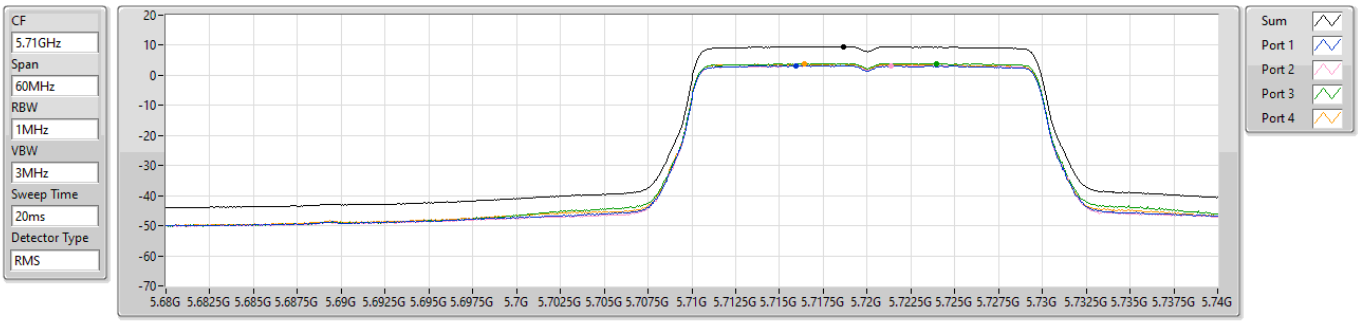


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	3.31	3.35	3.95	3.89

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

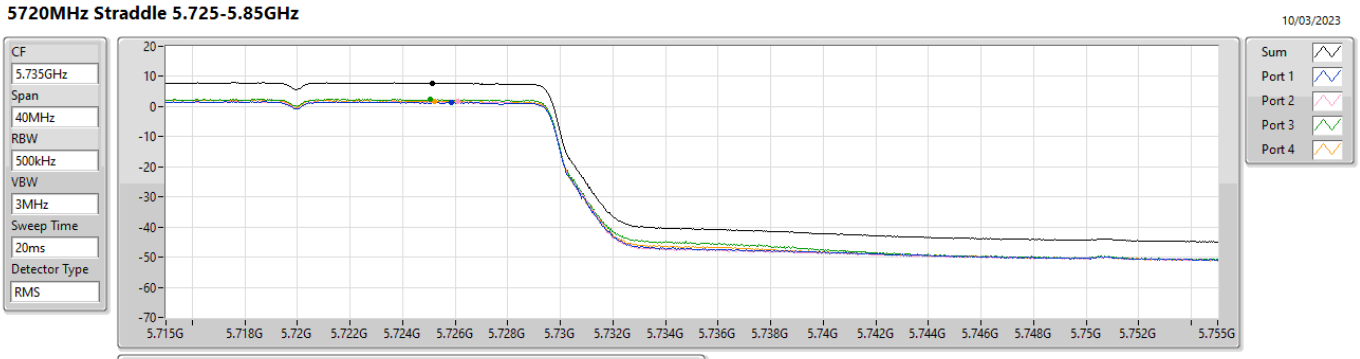
10/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.51	9.51	3.29	3.26	3.93	3.81

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

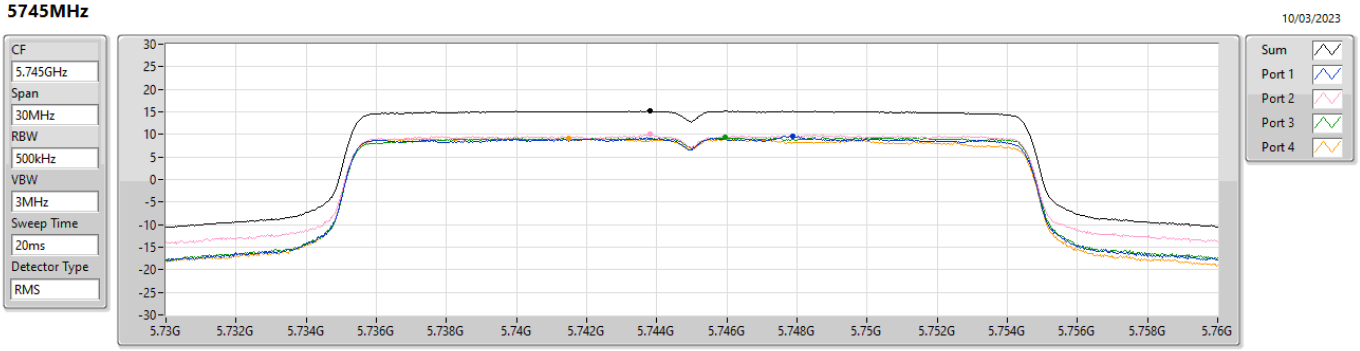
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	1.38	1.64	2.36	1.84

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

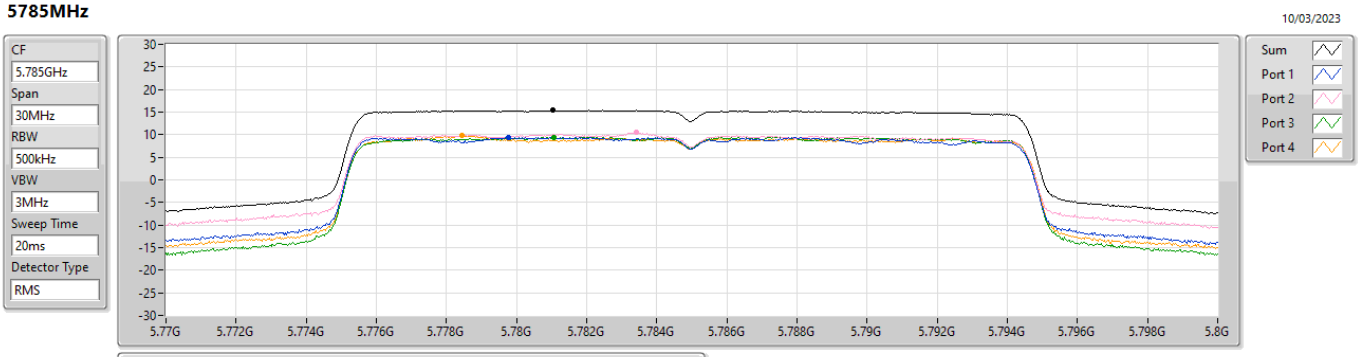
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.21	15.21	9.64	9.97	9.36	9.14

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

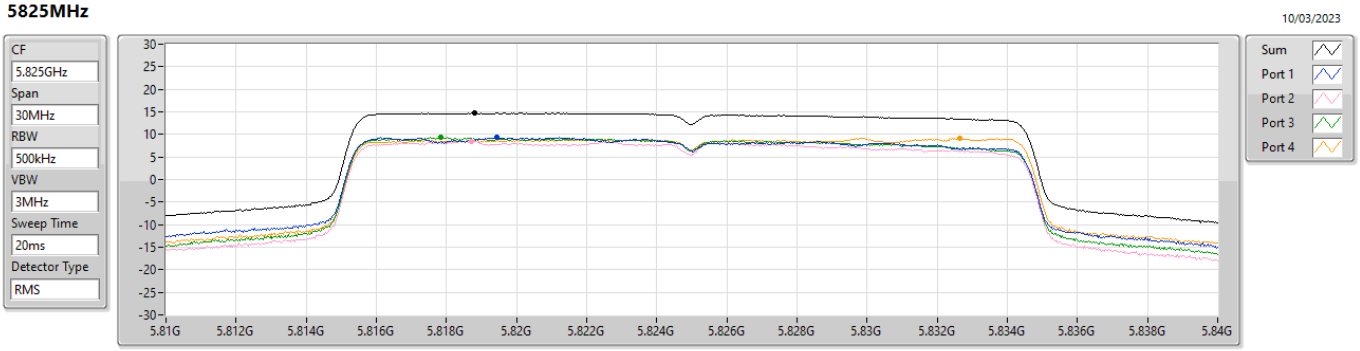
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.39	15.39	9.40	10.56	9.41	9.77

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

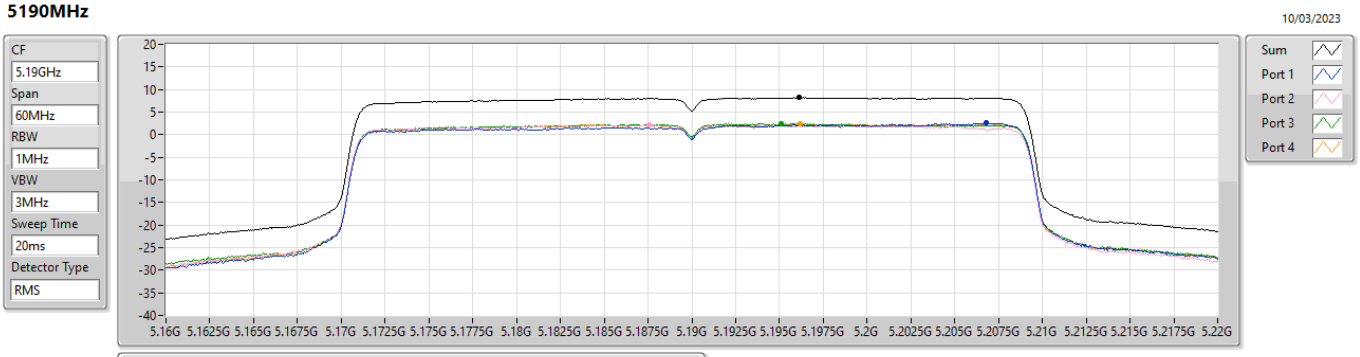
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.73	14.73	9.32	8.49	9.32	9.19

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

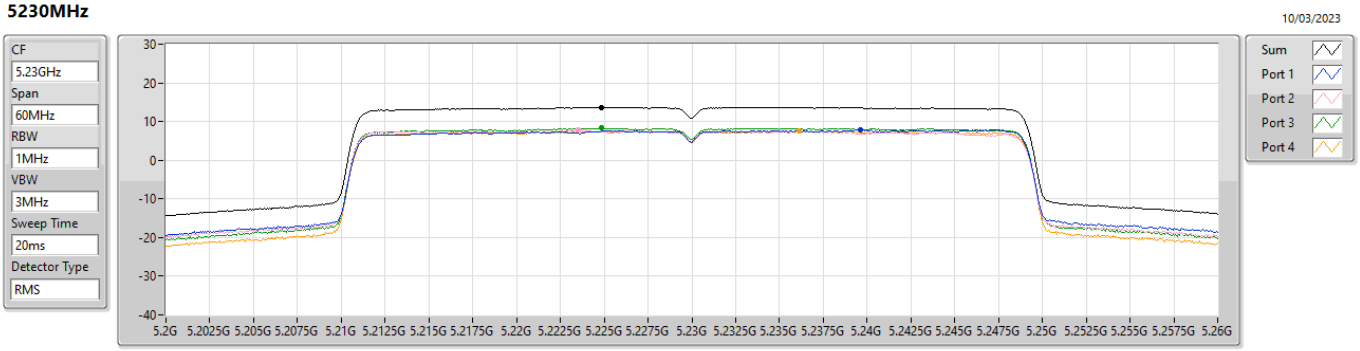
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	2.59	2.26	2.41	2.49

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

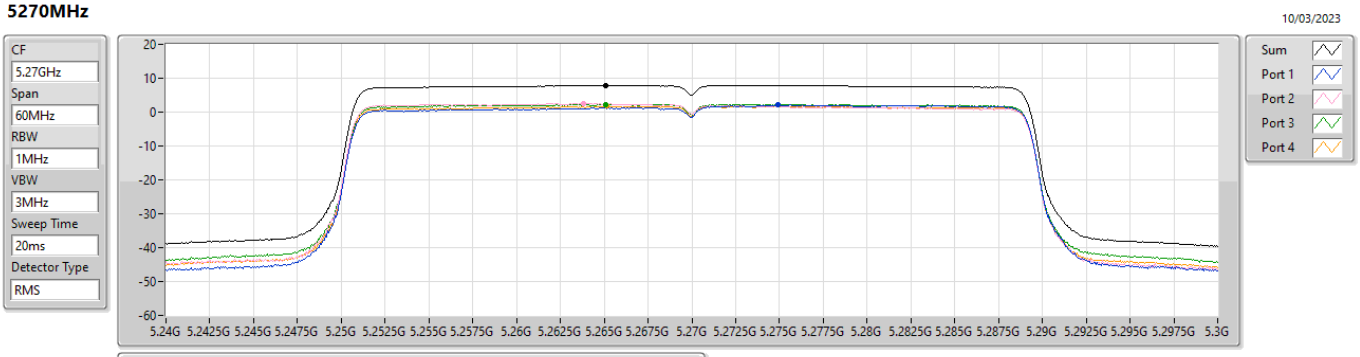
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.70	13.70	7.94	7.82	8.32	7.48

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

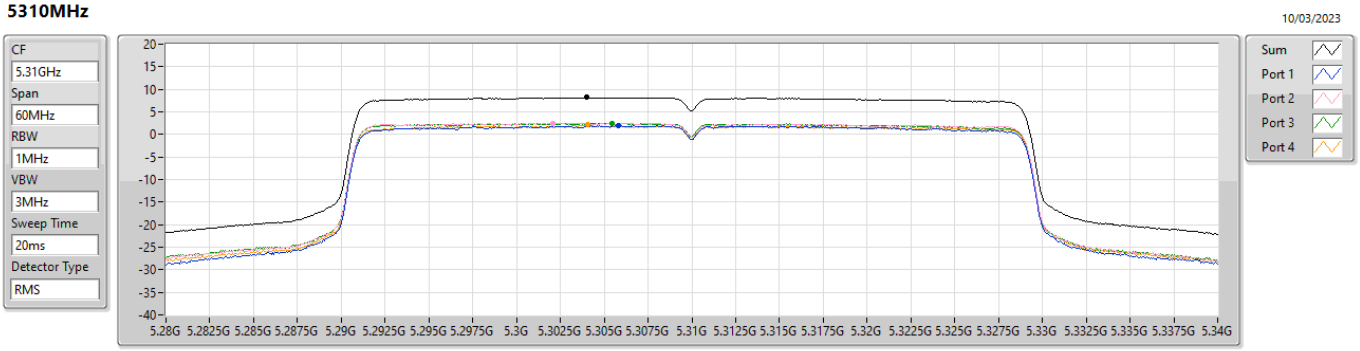
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	2.11	2.55	2.31	1.74

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

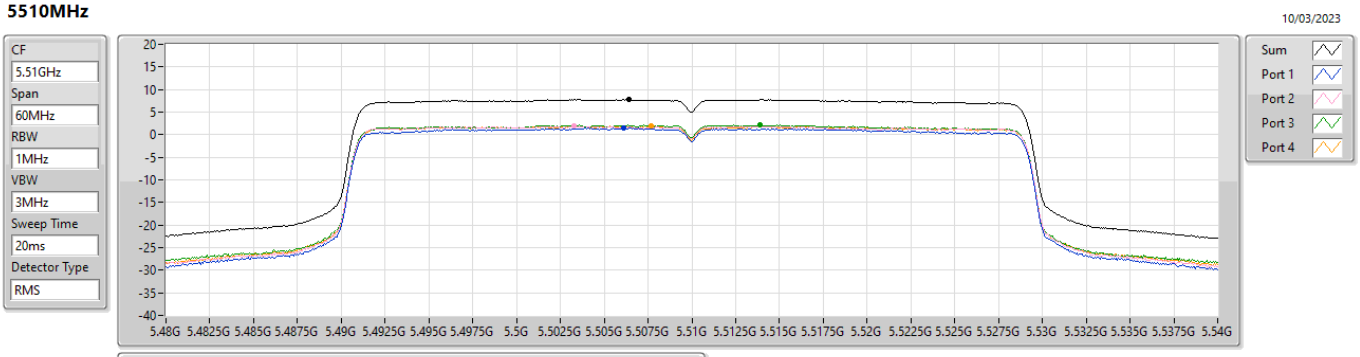
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	1.95	2.53	2.49	2.09

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

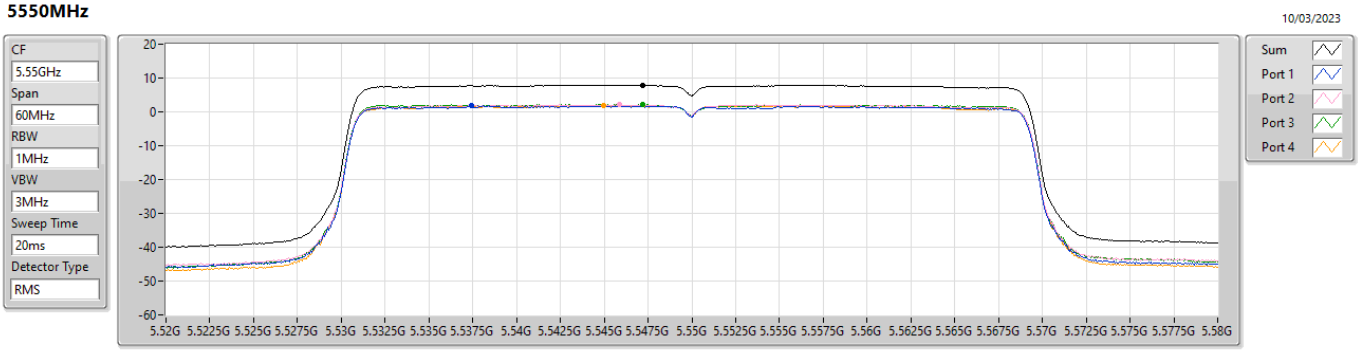
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	1.54	1.89	2.13	1.93

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5550MHz

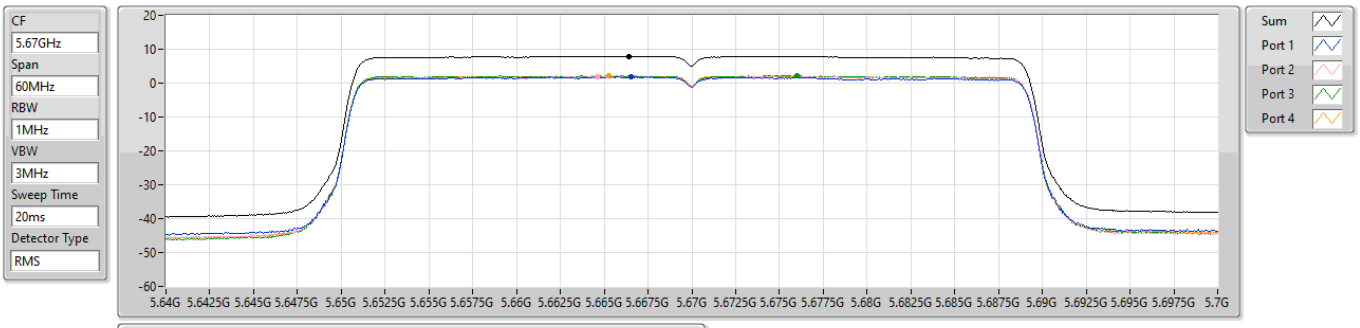


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	1.79	2.09	2.16	1.78

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5670MHz

10/03/2023

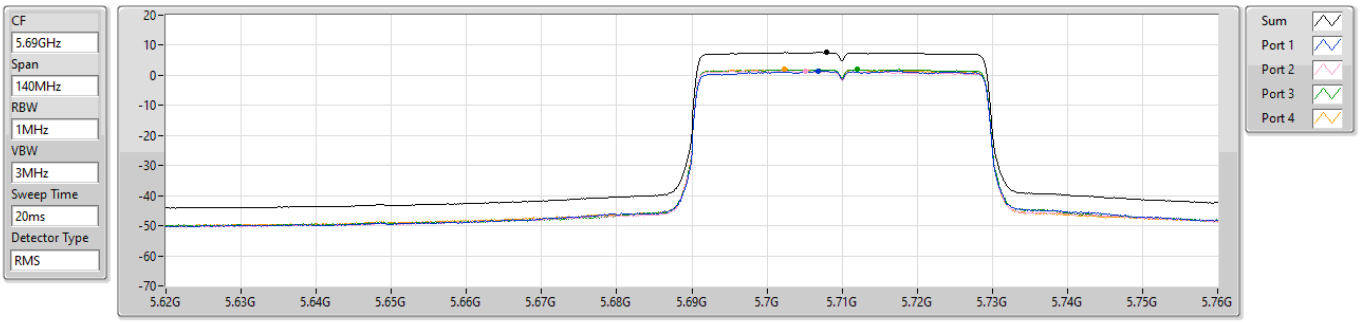


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.85	1.95	2.19	2.11

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.47-5.725GHz

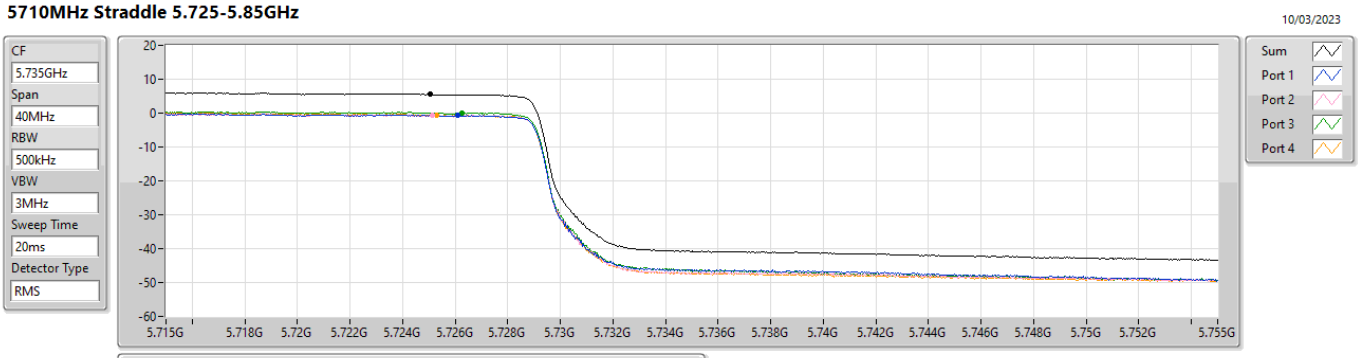
10/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	1.41	1.36	1.95	1.98

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

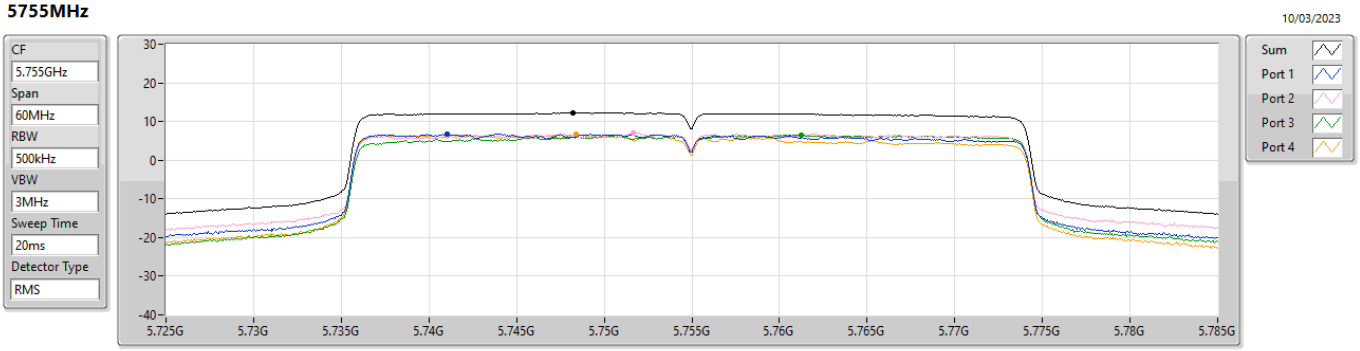
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	-0.72	-0.65	0.09	-0.57

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

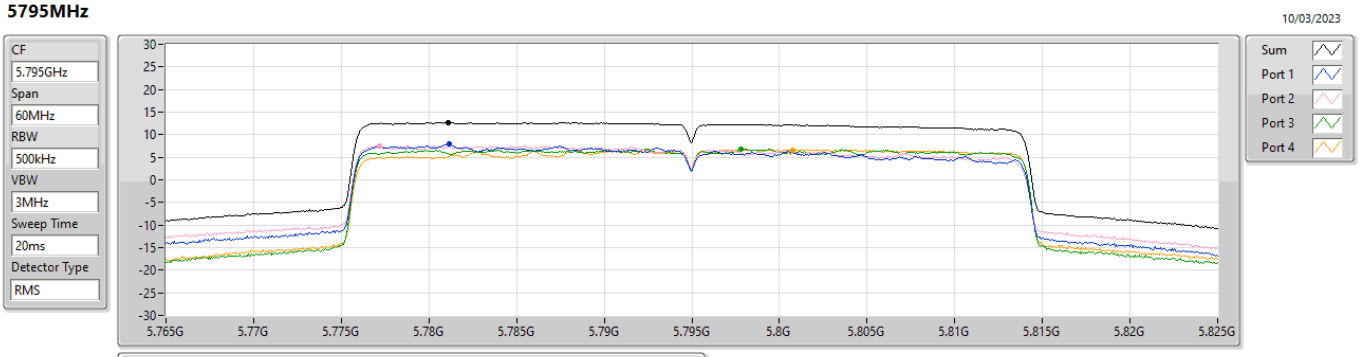
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.24	12.24	6.84	7.09	6.60	6.64

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

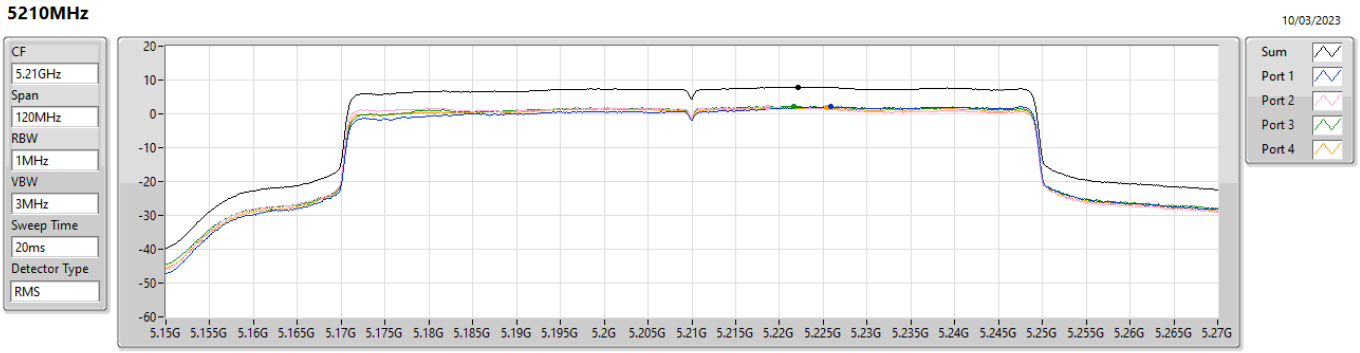
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.65	12.65	7.86	7.52	6.85	6.66

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

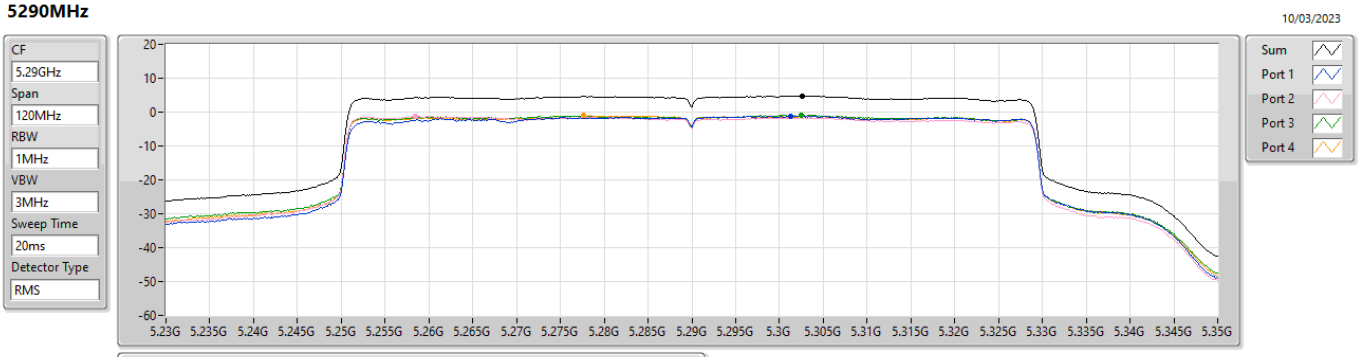
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	2.20	1.98	2.16	1.78

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

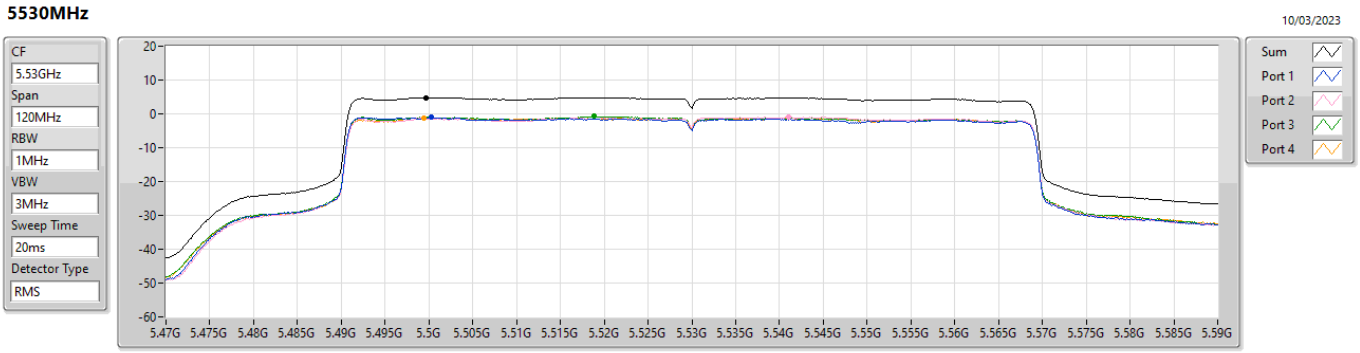
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	-1.15	-1.25	-0.81	-1.00

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5530MHz

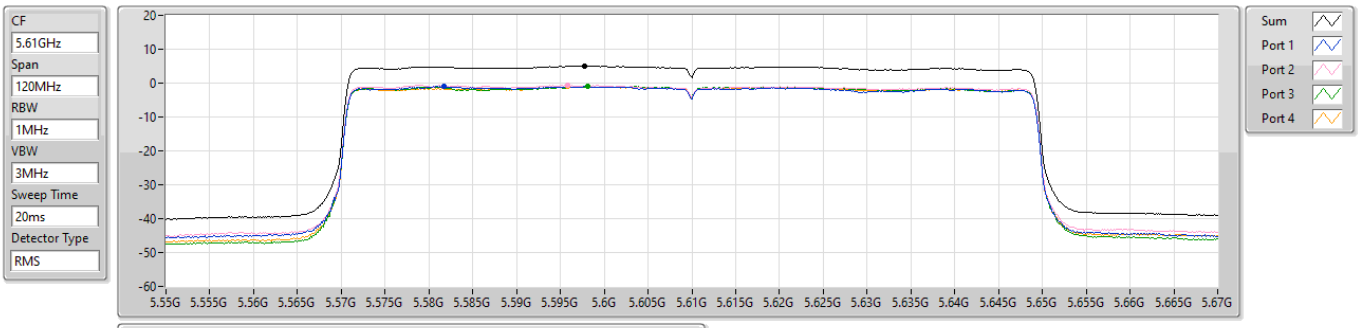


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	-1.08	-0.91	-0.74	-1.10

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5610MHz

10/03/2023

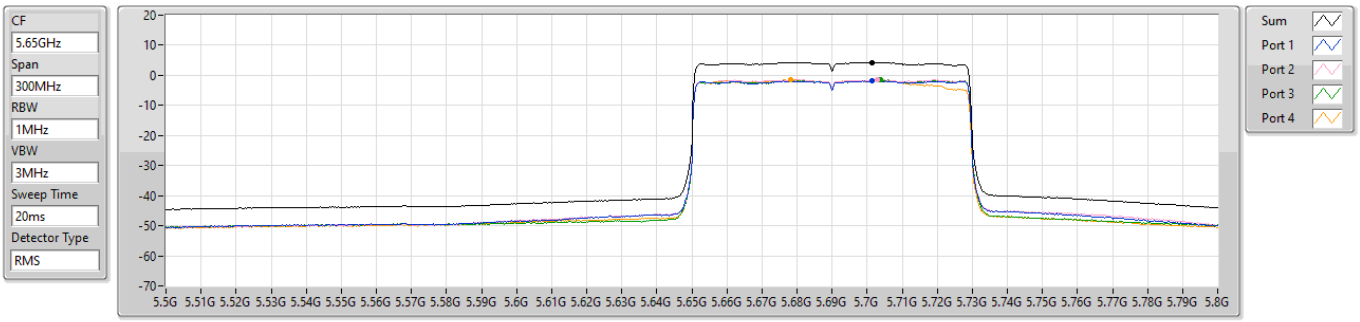


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	-1.01	-0.62	-1.05	-1.09

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

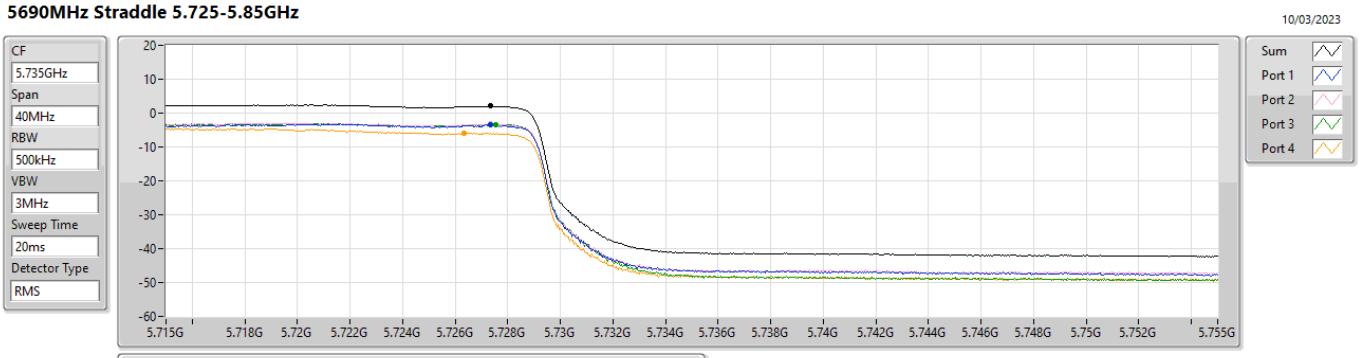
10/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.32	4.32	-1.77	-1.44	-1.51	-1.50

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

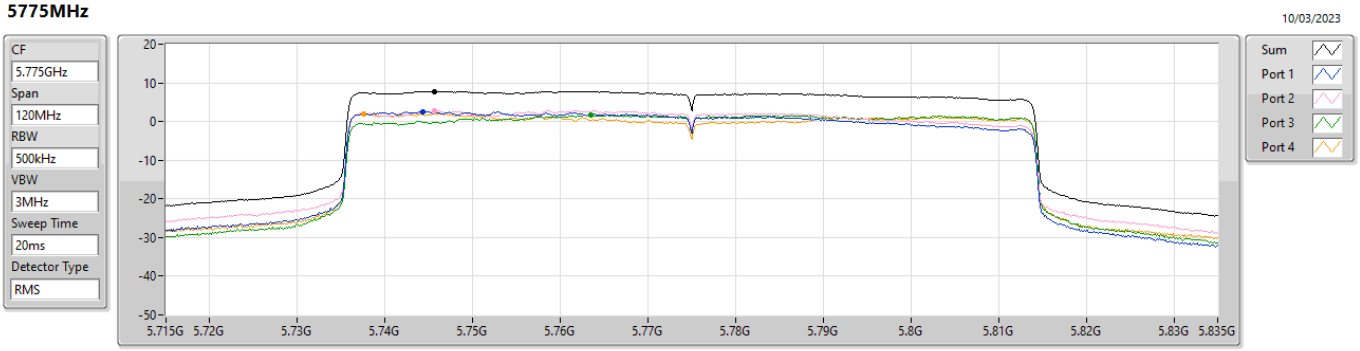
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.06	2.06	-3.54	-3.26	-3.38	-5.84

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5775MHz

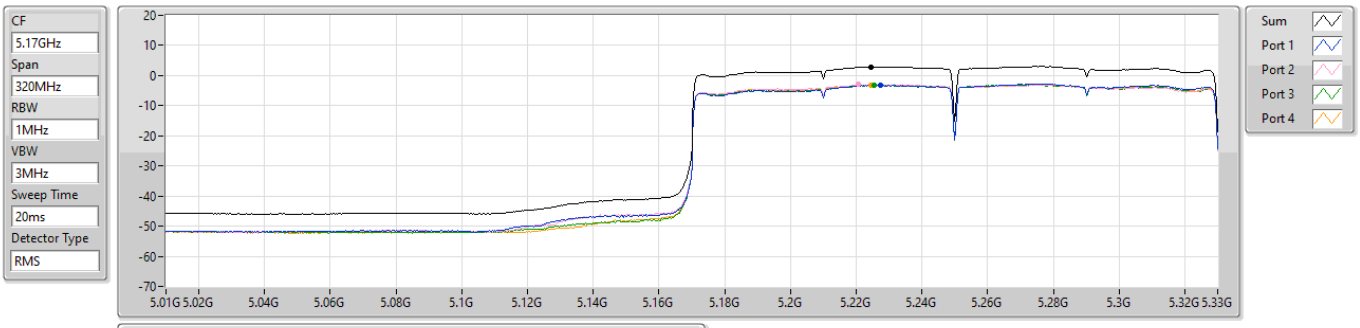


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	2.52	2.87	1.70	2.06

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.15-5.25GHz

20/03/2023

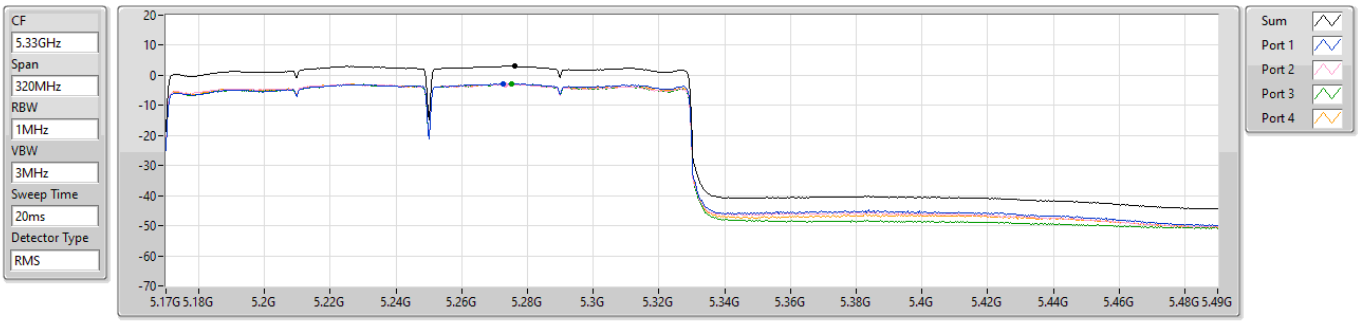


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.90	2.90	-3.17	-2.95	-3.04	-3.05

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

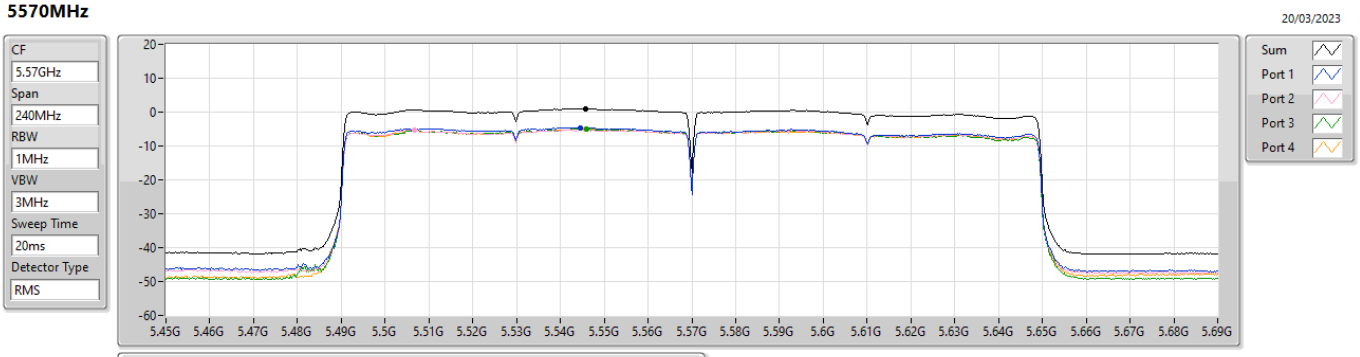
20/03/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.03	3.03	-2.69	-3.07	-2.85	-2.93

5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.04	1.04	-4.57	-5.16	-4.97	-4.99