

FCC Radio Test Report

FCC ID : TOR-C460
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-460
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Sep. 25, 2023, and testing was started from Jan. 10, 2024 and completed on Mar. 11, 2024. 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	13
1.3 Testing Location Information	13
1.4 Measurement Uncertainty	13
2 TEST CONFIGURATION OF EUT.....	14
2.1 Test Channel Mode	14
2.2 The Worst Case Measurement Configuration.....	26
2.3 Accessories	27
2.4 Support Equipment.....	27
2.5 Test Setup Diagram	28
3 TRANSMITTER TEST RESULT	30
3.1 Emission Bandwidth	30
3.2 Maximum Conducted Output Power	31
3.3 Peak Power Spectral Density.....	33
3.4 Unwanted Emissions.....	35
4 TEST EQUIPMENT AND CALIBRATION DATA.....	38
APPENDIX A. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX B. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX C. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX D. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX E. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

[illegible]



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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Radio 0

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5250-5350	ac (VHT80), ax (HEW80)	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]

**Radio 0_Non-Beamforming**

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX

Radio 0_Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW160-BF	160	2TX
5.25-5.35GHz	802.11ax HEW160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX

**Radio 3**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5250-5350	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5250-5350	ac (VHT80), ax (HEW80), be (EHT80)	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), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Radio 3_Full RU_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

**Radio 3_Multi-RU_Non-Beamforming**

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Radio 3_Channel Puncturing_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Radio 3_Full RU_Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.47-5.725GHz	802.11be EHT20-BF	20	4TX
5.725-5.85GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.47-5.725GHz	802.11be EHT40-BF	40	4TX
5.725-5.85GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11be EHT80-BF	80	4TX
5.725-5.85GHz	802.11be EHT80-BF	80	4TX
5.15-5.25GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11be EHT160-BF	160	4TX
5.47-5.725GHz	802.11be EHT160-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.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
2	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
3	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
4	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
5	WHAYU	C393-510253-A	PIFA	I-Pex	Scan 2.4G+5G+6E	Radio 0
6	WHAYU	C393-510253-A	PIFA	I-Pex	Scan 2.4G+5G+6E	Radio 0
7	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
8	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
9	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
10	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
11	WHAYU	C393-510253-A	Dipole	I-Pex	BT	-
12	WHAYU	C393-510253-A	PIFA	I-Pex	GPS	-



Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	-	-	-	-	-	4.41	4.44	4.06	3.96	-	-
2	2	-	-	-	-	-	5.42	4.8	4.15	4.72	-	-
3	3	-	-	-	-	-	5.35	5.01	5.61	4.45	-	-
4	4	-	-	-	-	-	4.2	3.99	4.51	5.75	-	-
5	1	4.2	6.1				6.4				-	-
6	2	4.3	6.3				6.5				-	-
7	1	2.52	5.01	4.18	4.47	4.79	-	-	-	-	-	-
8	2	2.26	4.71	4.72	4.48	5.01	-	-	-	-	-	-
9	3	2.81	3.56	3.49	5.25	4.23	-	-	-	-	-	-
10	4	2.36	5.14	4.59	4.41	4.31	-	-	-	-	-	-
11	1	-	-	-	-	-	-	-	-	-	4.8	
12	1	-	-	-	-	-	-	-	-	-	-	2.7

Composite Gain (dBi)										
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G	
DG [1SS]	5.74	7.95	7.31	8.43	8.69	7.81	7.66	6.82	6.65	
DG [2SS]	2.81	5.14	4.72	5.43	5.69	5.42	5.01	5.61	5.75	
DG [4SS]	2.81	5.14	4.72	5.25	5.01	5.42	5.01	5.61	5.75	

Note 1: The EUT has twelve 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 AP392143.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) < Radio 0 >

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

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) < Radio 1 >

Ant. 7 (port 1), Ant. 8 (port 2), Ant. 9 (port 3) and Ant. 10 (port 4) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode(2TX/2RX) < Radio 0 >

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

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) < Radio 3 >

Ant. 7 (port 1), Ant. 8 (port 2), Ant. 9 (port 3) and Ant. 10 (port 4) could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11axmode (2TX/2RX) < Radio 0 >

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

For IEEE 802.11 ax/be mode (4TX/4RX) < Radio 2 >

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

For BT function:

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

Ant. 11 could transmit/receive.



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / PoE			
EUT Function	☐	Outdoor AP	☒	Indoor AP (Radio 3)
	☐	Fixed P2P AP	☒	Client (Radio 0)
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
Channel Puncturing	☒	Support	☐	Not support
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

Radio 0_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.966	0.15	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.781	1.07	5.447m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.793	1.01	5.447m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.807	0.93	5.447m	300

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

Radio 3_Full RU_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.992	0.03	1.976m	10
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.452m	10
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10

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

**Radio 3_Multi-RU_Non-Beamforming**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT80_Nss1,(MCS0)_4TX	0.884	0.54	2.744m	1k
802.11be EHT160_Nss1,(MCS0)_4TX	0.814	0.89	1.42m	1k

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

Radio 3_Channel Puncturing_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

Radio 0_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.781	1.07	5.447m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.793	1.01	5.447m	300
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.807	0.93	5.447m	300

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

Radio 3_Full RU_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.452m	10
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR392143AN

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Frequency bands U-NII-2A and U-NII-2C were added	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions above 1GHz were evaluated

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
RF Conducted	TH01-HY	Jin Jing	22.3~22.5°C / 53~56%	15/Jan/2024~24/Jan/2024
Radiated (Co-location)	03CH02-HY	Darren Cho	21.8~22.7°C / 56~59%	05/Mar/2024~06/Mar/2024
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH25-HY	Billy Wang	21.5~22.5°C / 51~52%	10/Jan/2024~11/Mar/2024

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
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%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Qdart_conn.win.1.0_installer_00099
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Radio 0_Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	16.5
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16.5
5320MHz	16
5500MHz	16
5580MHz	16.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	15
5510MHz	12.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	13.5
5530MHz	13.5



Mode	Power Setting
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	14.5

**Radio 3_Full RU_Non-Beamforming**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11be EHT20_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
5270MHz	16.5
5310MHz	15
5510MHz	10.5
5550MHz	16.5
5670MHz	11.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11be EHT80_Nss1,(MCS0)_4TX	-
5290MHz	14.5
5530MHz	10.5
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	12

**Radio 3_Multi-RU_Non-Beamforming**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-
5290MHz	11
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-
5290MHz	11
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-
5290MHz	9
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-
5290MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-
5530MHz	6.5
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-
5530MHz	6.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-
5530MHz	5
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-
5530MHz	5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-
5610MHz	11.5
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-
5610MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-
5610MHz	10
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-
5610MHz	9.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	12.5
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	12.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-
5690MHz Straddle 5.47-5.725GHz	10.5
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-
5690MHz Straddle 5.47-5.725GHz	10.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	12.5
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-



Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	12.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	10.5
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-
5690MHz Straddle 5.725-5.85GHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	10
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	9.5
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-
5250MHz Straddle 5.15-5.25GHz	9
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	9
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-
5250MHz Straddle 5.15-5.25GHz	8
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-
5250MHz Straddle 5.15-5.25GHz	8
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	10
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	9.5
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-
5250MHz Straddle 5.25-5.35GHz	9
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	9
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-
5250MHz Straddle 5.25-5.35GHz	8
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-
5250MHz Straddle 5.25-5.35GHz	8
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-
5570MHz	9
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-
5570MHz	8.5



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-
5570MHz	7.5
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-
5570MHz	8
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-
5570MHz	7
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-
5570MHz	7

**Radio 3_Channel Puncturing_Non-Beamforming**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5290MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5290MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5290MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5290MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5530MHz	8
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5530MHz	8
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5530MHz	8
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5530MHz	8
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5610MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5610MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5610MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5610MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-



Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-



Mode	Power Setting
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5250MHz Straddle 5.25-5.35GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5570MHz	10.5



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5570MHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5570MHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5570MHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5570MHz	9.5

**Radio 0_Beamforming**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16.5
5320MHz	16
5500MHz	16
5580MHz	16.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	15
5510MHz	12.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	13.5
5530MHz	13.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	14.5

**Radio 3_Full RU_Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16
5580MHz	16
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
5745MHz	16.5
5785MHz	16.5
5825MHz	16.5
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	16.5
5310MHz	15
5510MHz	10.5
5550MHz	16
5670MHz	11.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
5755MHz	16.5
5795MHz	16.5
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	14.5
5530MHz	10.5
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	16.5
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	12

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 2.4GHz) + Bluetooth
2	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 5GHz) + Bluetooth
3	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 6GHz) + Bluetooth
Refer to Sporton Test Report No.: FA392143-01 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
Ceiling	Brand Name	ARISTA	Model Name	MNT-AP-15MM

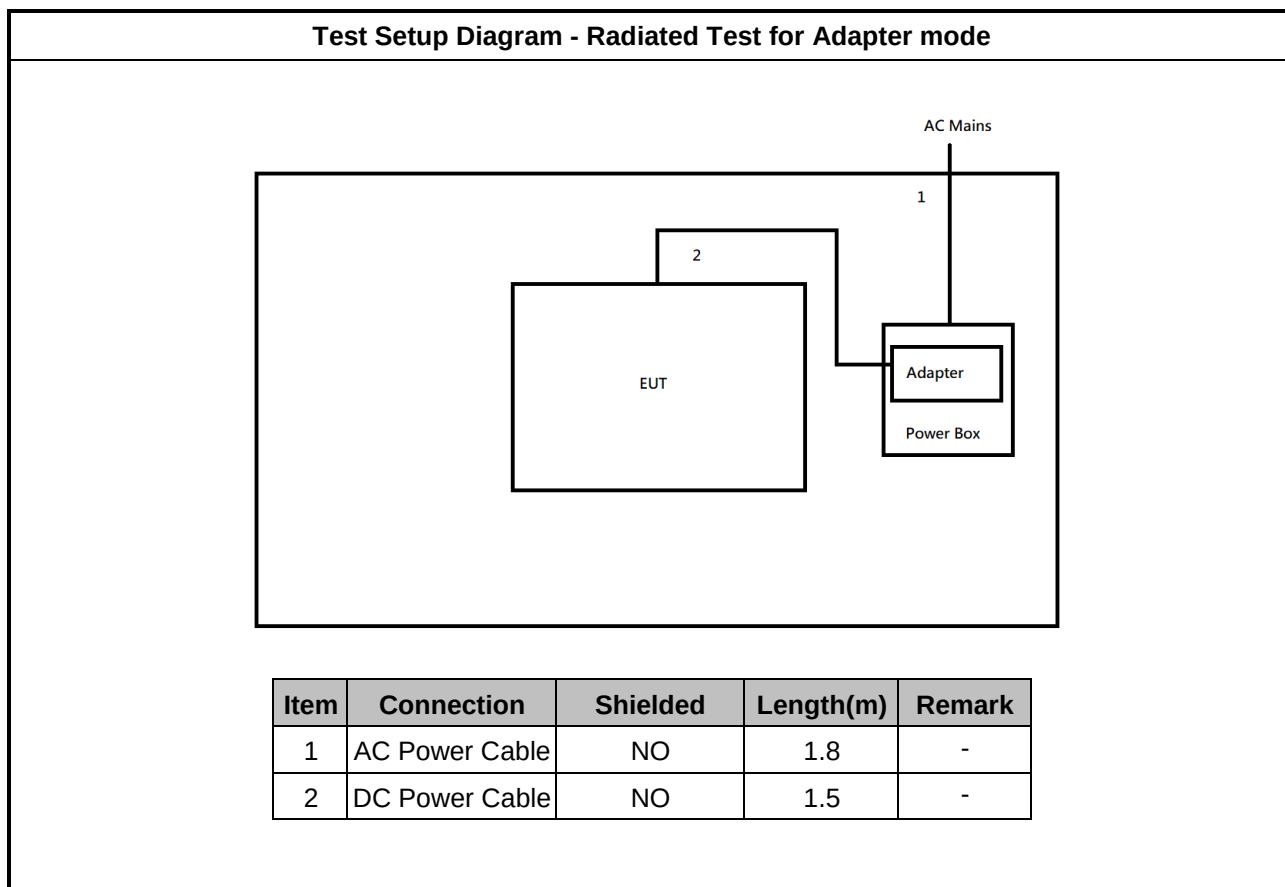
Reminder: Regarding to more detail and other information, please refer to user manual.

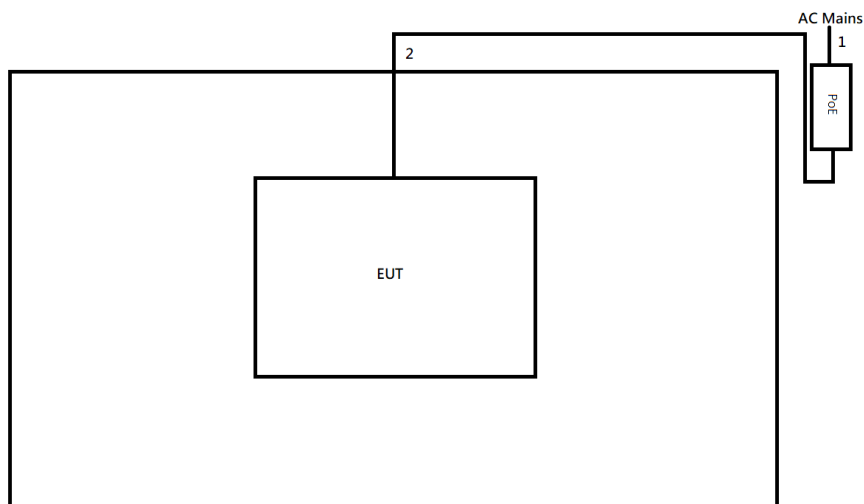
2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer
2	RJ45 Cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-
4	PoE (Remote)	PHIHONG	POE60U-1BT-5	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test for PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	NO	1.8	-
2	RJ45 Cable	NO	3.0	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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 $\geq$ 500kHz.

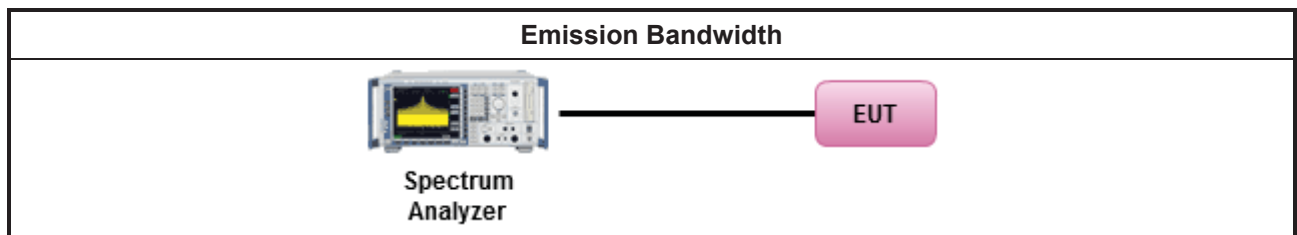
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

3.2.2 Measuring Instruments

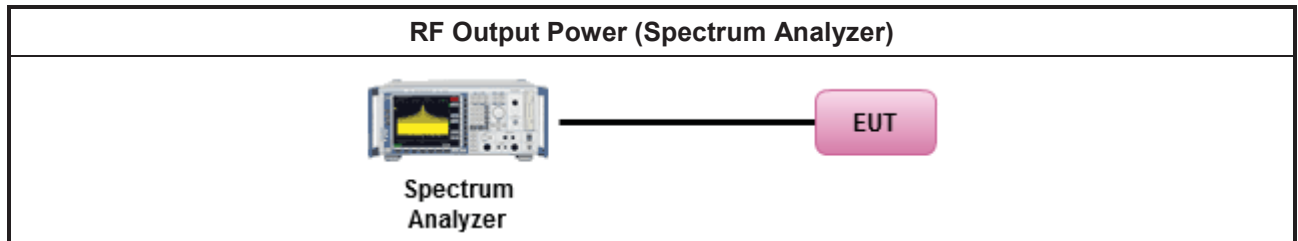
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

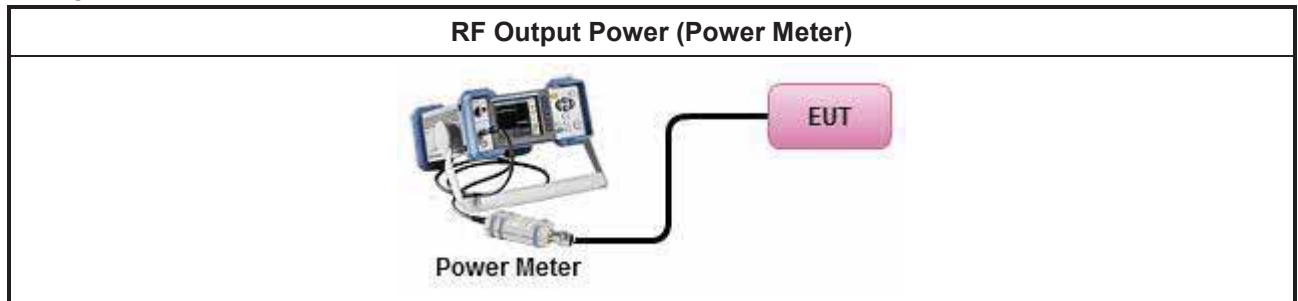
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

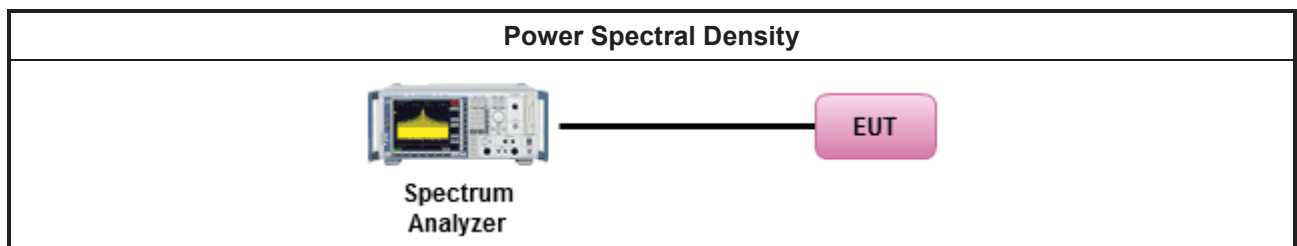
3.3.2 Measuring Instruments

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

3.3.3 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.4 Unwanted Emissions

3.4.1 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).

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

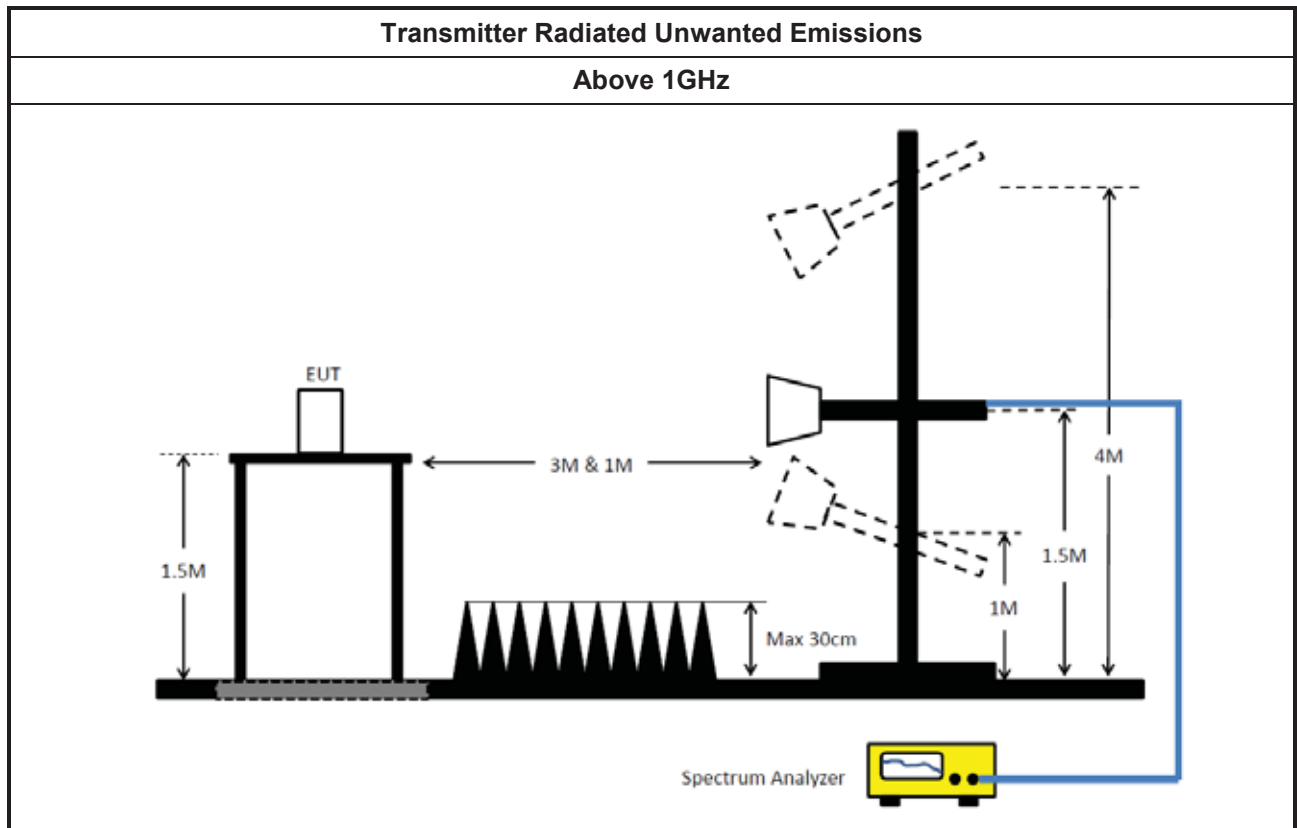
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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 $\geq$ 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 $f \geq 1$ 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.

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup



3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for Conducted Test_Radio 0

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	ROHDE& SCHWARZ	FSV 3044	101438	10Hz~44GHz	29/Nov/2023	28/Nov/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15407_NII	Sporton	V5.11.11	N/A	N/A	N/A	N/A

Instrument for Conducted Test_Radio 3

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	10/Apr/2023	09/Apr/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	15/Feb/2023	14/Feb/2024
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	15/Feb/2023	14/Feb/2024
SENSE-15407_NII	Sporton	V5.11.11	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH25-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	03/Aug/2023	02/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	31/May/2023	30/May/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2023	23/Apr/2024
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	24/Apr/2023	23/Apr/2024
Preamplifier	SGH	PRAMP 903	20230515-1	30MHz~1GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	25/May/2023	24/May/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Aug/2023	17/Aug/2024
SENSE-15407-NII	Sporton	V5.11.11 Max	NA	NA	NA	NA

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	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40GA	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	V5.11.6	NA	NA	NA	NA

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	80.16M	77.273M	77M3D1D	80M	76.924M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.635M	16.433M	16M4D1D	18.425M	16.352M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.79M	18.941M	18M9D1D	19.745M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.6M	37.86M	37M9D1D	39.16M	37.604M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.74M	76.986M	77M0D1D	80.08M	76.906M
802.11ax HEW160_Nss1,(MCS0)_2TX	79.92M	77.302M	77M3D1D	79.92M	77.013M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.865M	16.38M	16M4D1D	14.115M	13.114M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.625M	18.905M	18M9D1D	14.85M	14.319M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.71M	37.837M	37M8D1D	34.51M	33.596M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	77.317M	77M3D1D	75.225M	72.598M
802.11ax HEW160_Nss1,(MCS0)_2TX	161.92M	154.509M	155MD1D	161.92M	154.379M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.24M	3.44M	3M44D1D	3.2M	3.406M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.56M	4.583M	4M58D1D	4.54M	4.567M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.12M	4.096M	4M10D1D	4.06M	4.094M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.14M	4.213M	4M21D1D	4.04M	4.15M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	18.7M	16.433M	19.635M	16.363M
5300MHz	Pass	Inf	19.525M	16.362M	18.81M	16.411M
5320MHz	Pass	Inf	18.425M	16.354M	18.645M	16.352M
5500MHz	Pass	Inf	18.095M	16.345M	17.765M	16.371M
5580MHz	Pass	Inf	18.48M	16.356M	18.865M	16.379M
5700MHz	Pass	Inf	18.425M	16.326M	18.315M	16.38M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.145M	13.116M	14.115M	13.114M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.406M	3.2M	3.44M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.91M	18.875M	20.13M	18.824M
5300MHz	Pass	Inf	19.965M	18.875M	20.79M	18.941M
5320MHz	Pass	Inf	19.745M	18.855M	19.91M	18.791M
5500MHz	Pass	Inf	20.13M	18.878M	19.91M	18.833M
5580MHz	Pass	Inf	20.625M	18.818M	19.855M	18.869M
5700MHz	Pass	Inf	20.075M	18.881M	19.855M	18.905M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.85M	14.319M	15.195M	14.36M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.583M	4.54M	4.567M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.16M	37.86M	39.38M	37.624M
5310MHz	Pass	Inf	39.16M	37.762M	39.6M	37.604M
5510MHz	Pass	Inf	38.94M	37.507M	39.6M	37.65M
5550MHz	Pass	Inf	39.71M	37.546M	39.38M	37.657M
5670MHz	Pass	Inf	39.16M	37.802M	39.27M	37.837M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.716M	34.51M	33.596M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.096M	4.06M	4.094M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	80.74M	76.906M	80.08M	76.986M
5530MHz	Pass	Inf	81.84M	77.028M	79.86M	77.073M
5610MHz	Pass	Inf	81.18M	77.317M	81.18M	77.16M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.8M	72.598M	75.225M	73.031M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.15M	4.14M	4.213M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.273M	80.16M	76.924M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.92M	77.013M	79.92M	77.302M
5570MHz	Pass	Inf	161.92M	154.509M	161.92M	154.379M

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

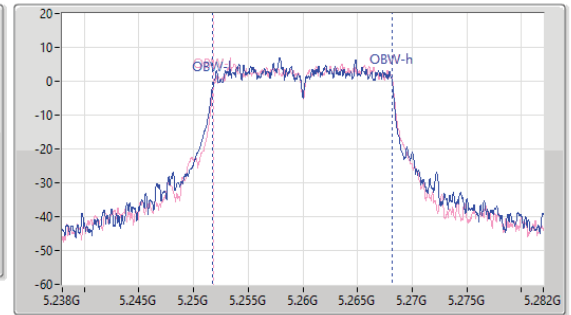
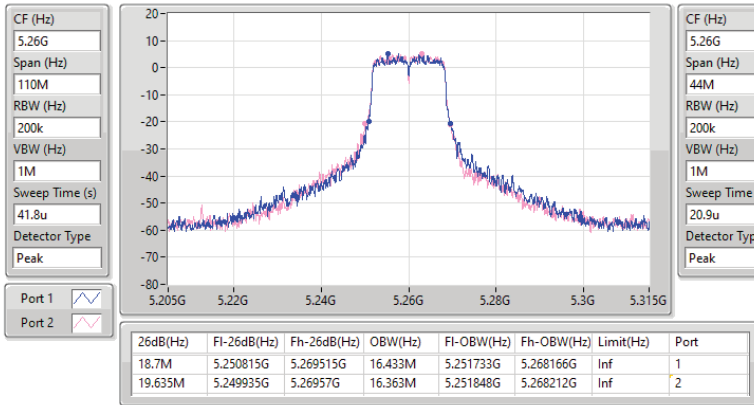


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

15/01/2024

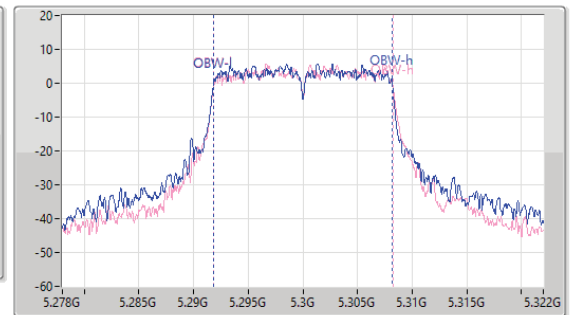
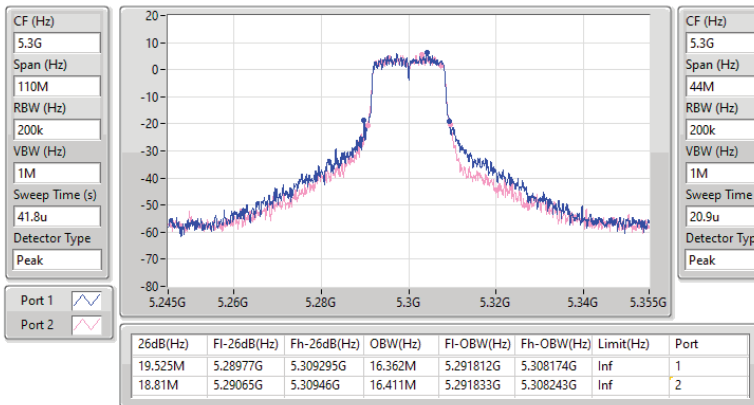


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

15/01/2024

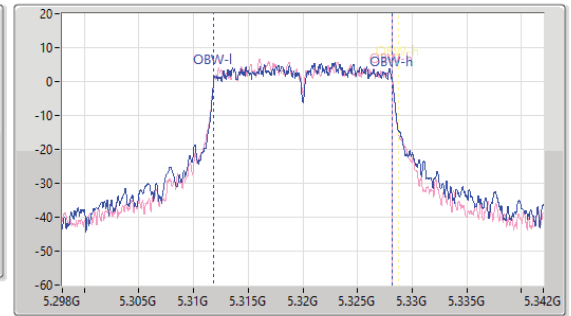
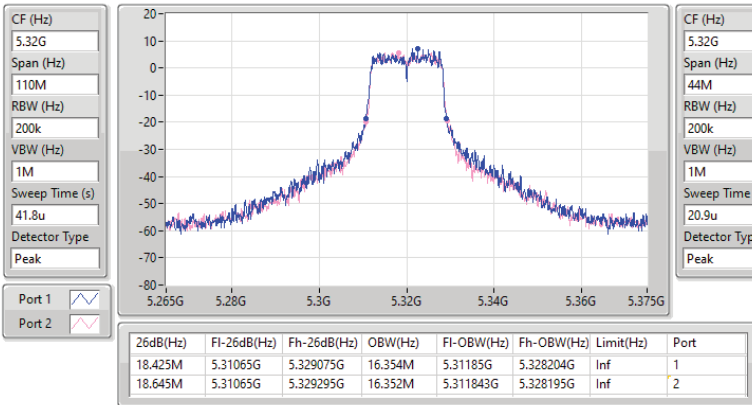


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

15/01/2024

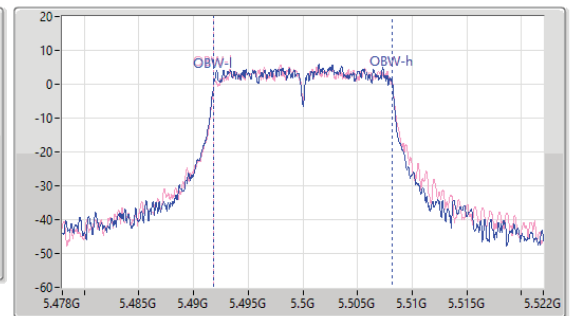
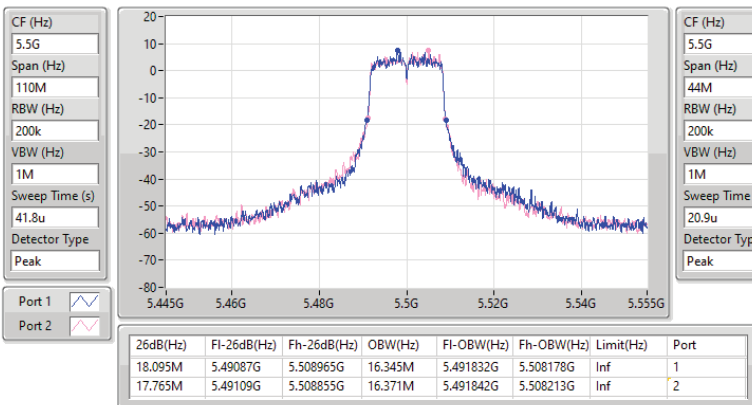


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

15/01/2024



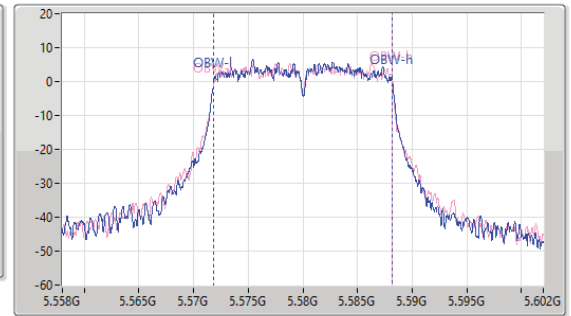
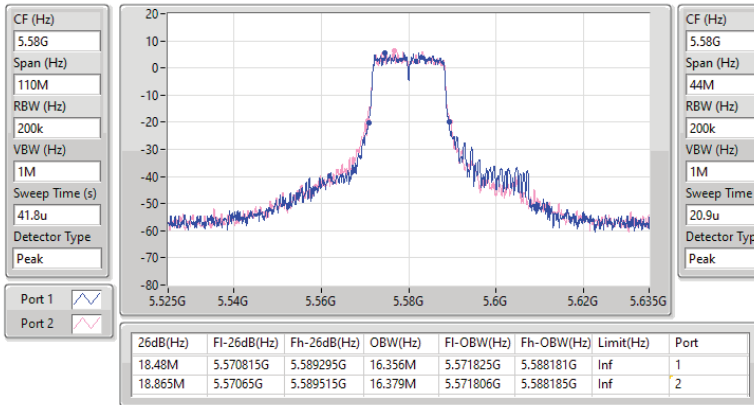


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

15/01/2024

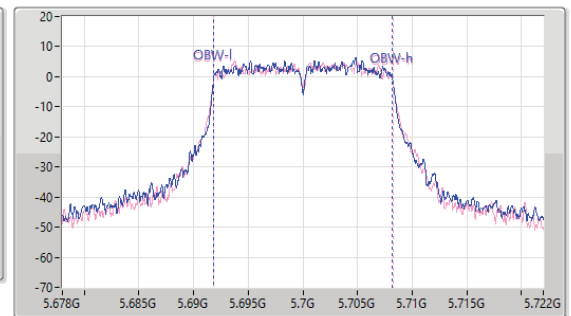
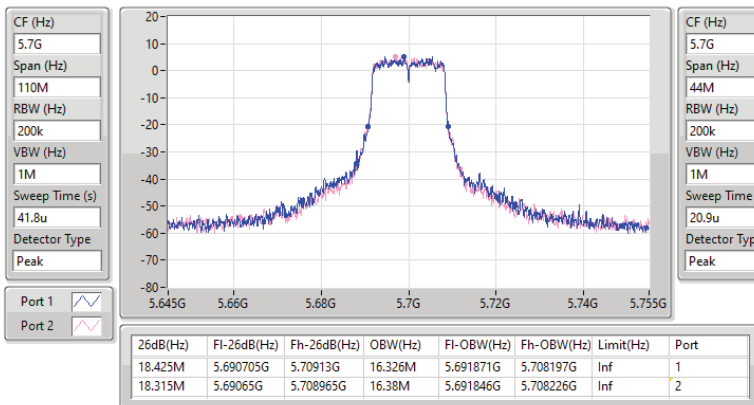


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

16/01/2024

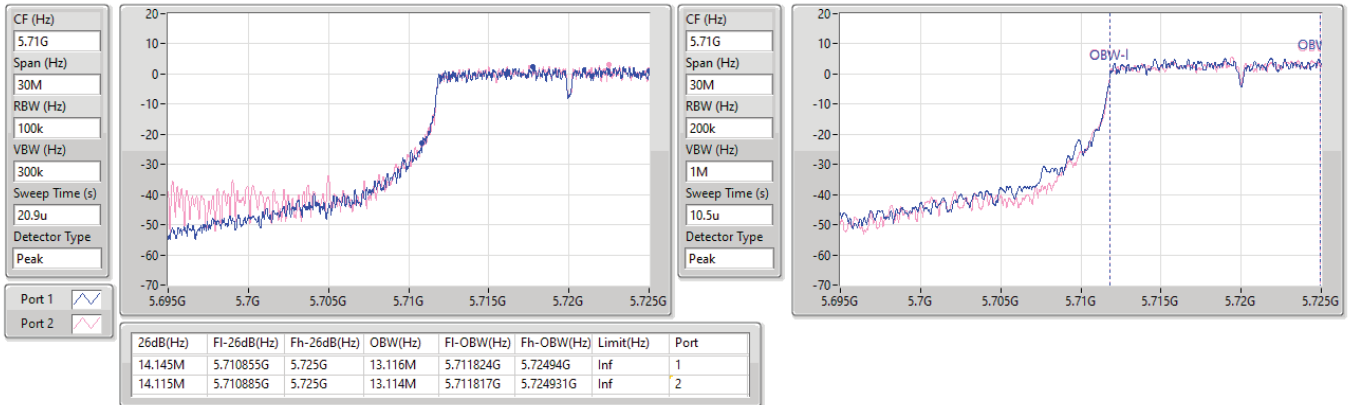


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/01/2024

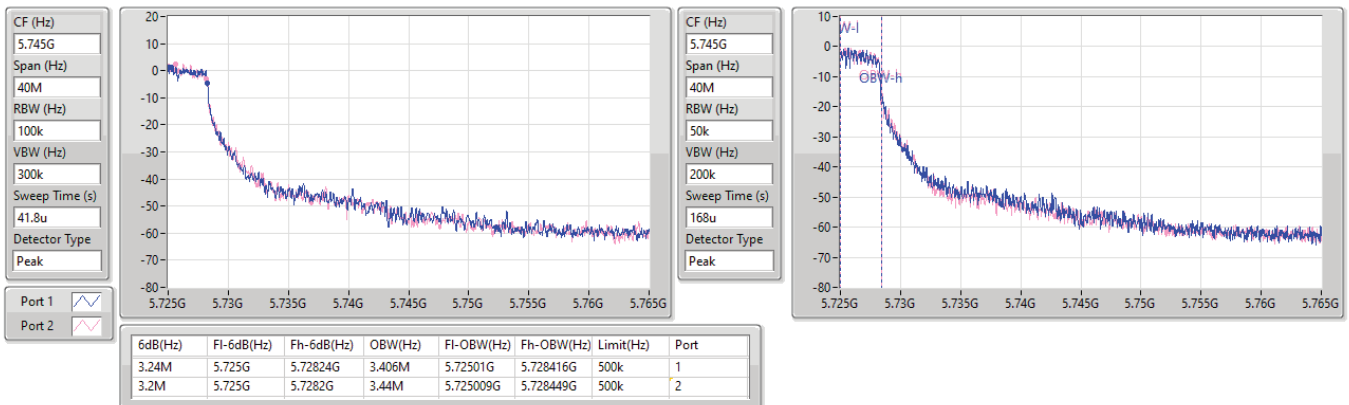


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/01/2024



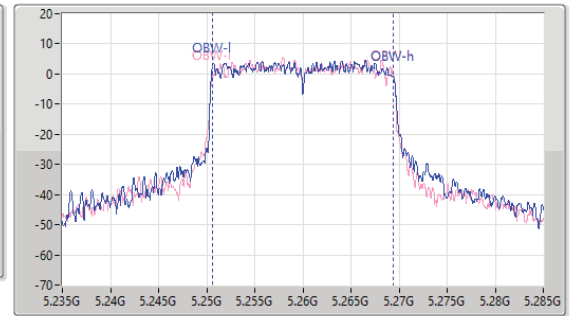
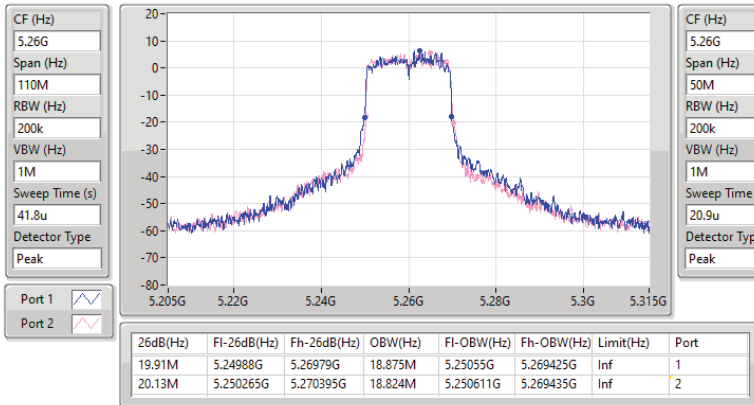


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

15/01/2024

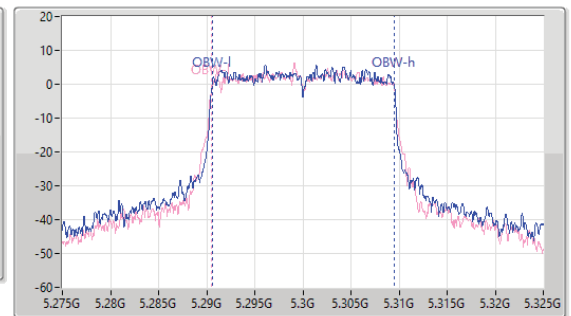
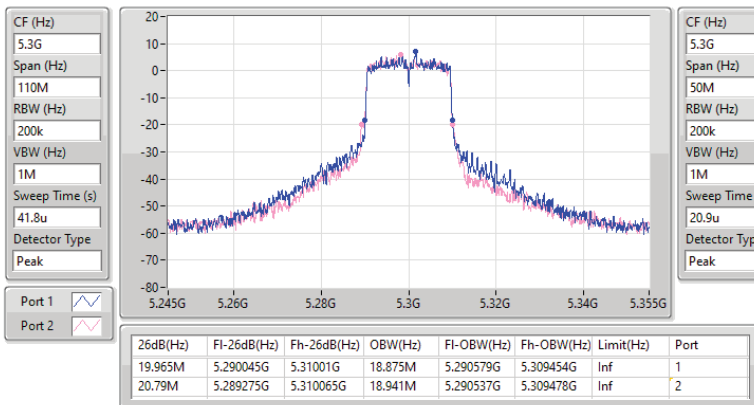


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

15/01/2024

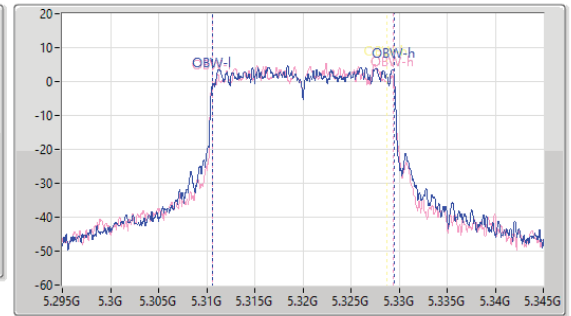
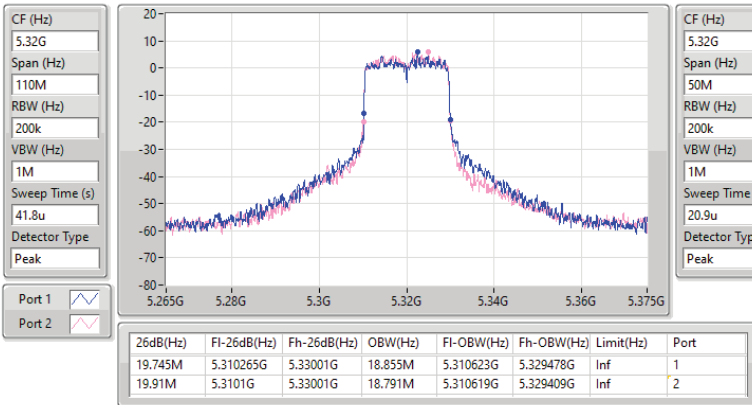


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

15/01/2024

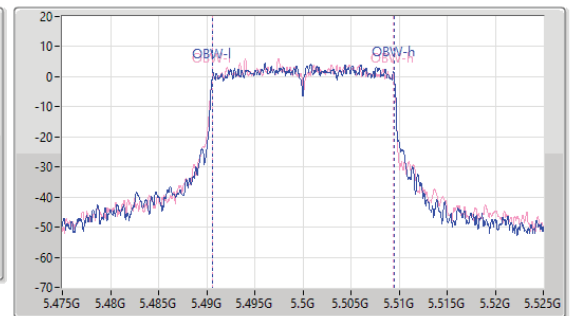
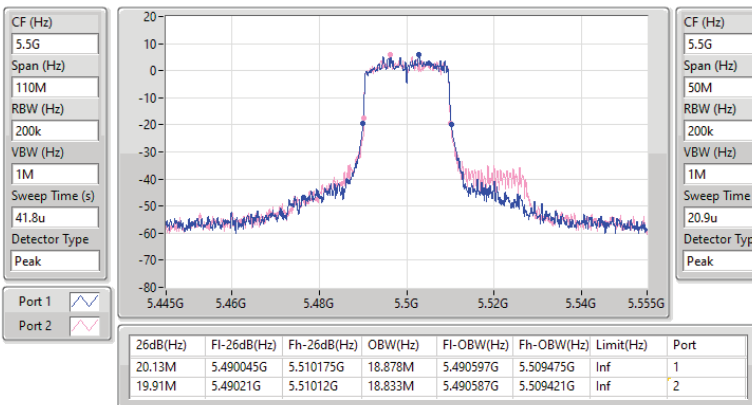


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

15/01/2024

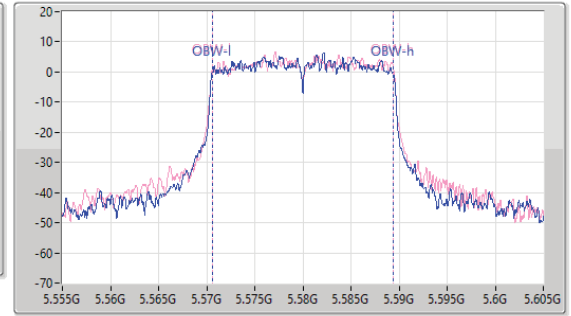
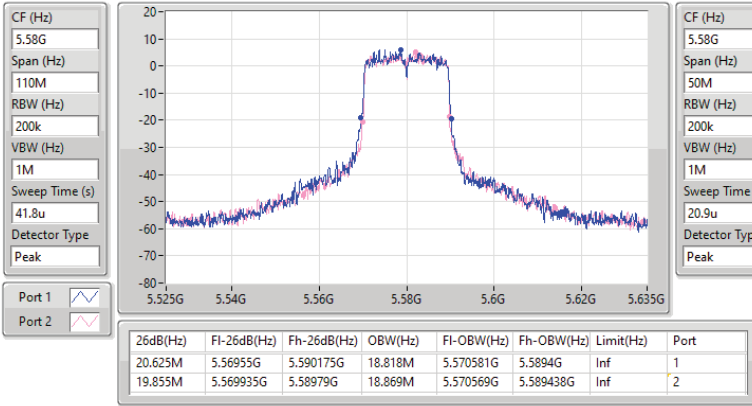


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

15/01/2024

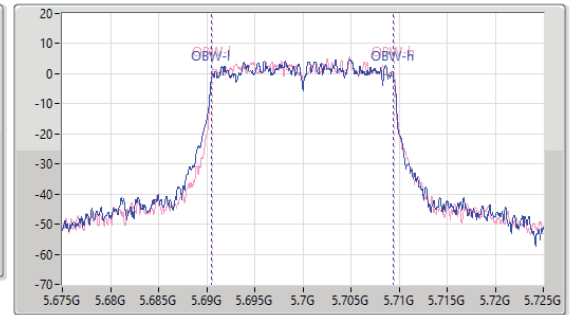
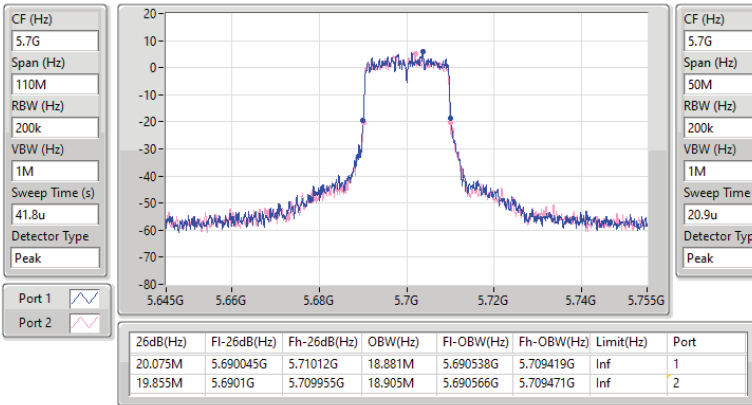


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

15/01/2024



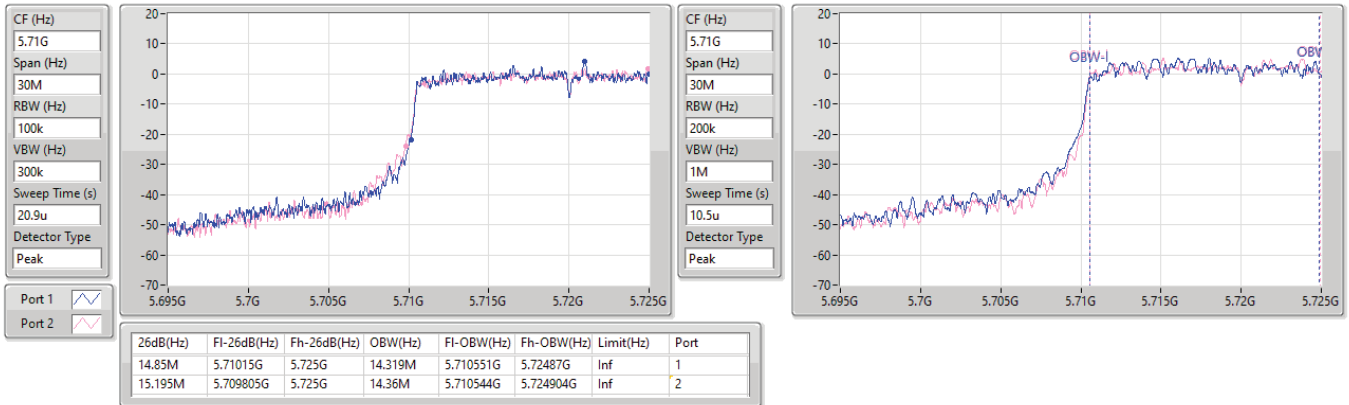


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/01/2024

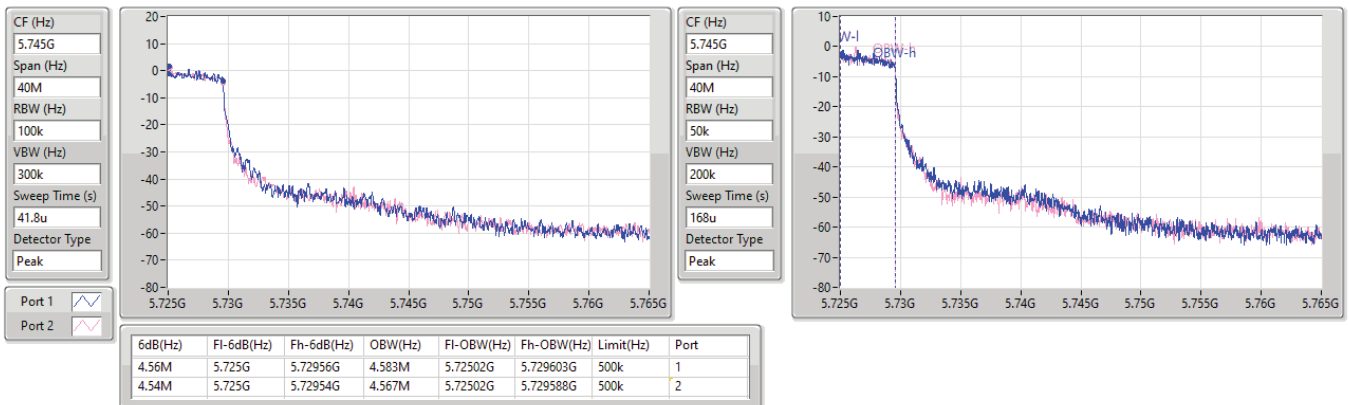


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/01/2024



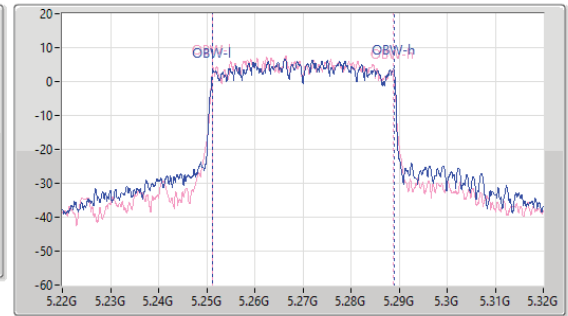
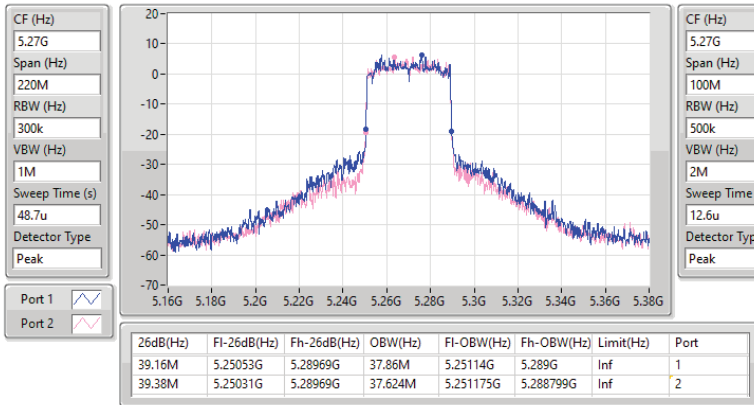


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

15/01/2024

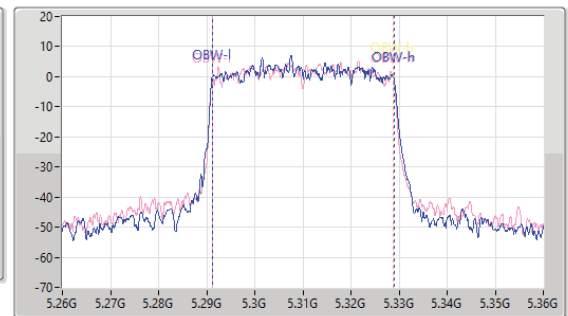
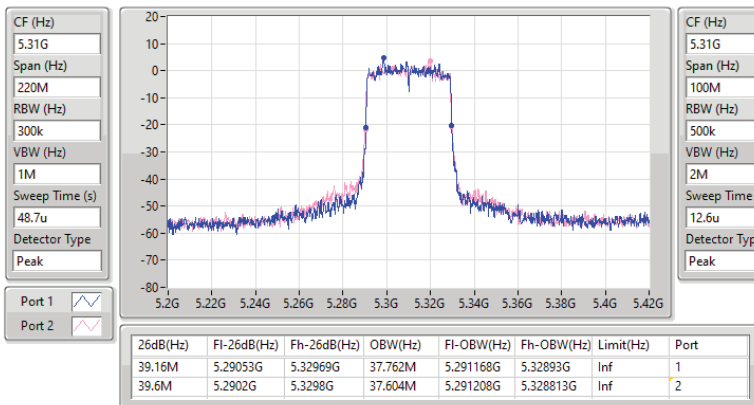


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

15/01/2024



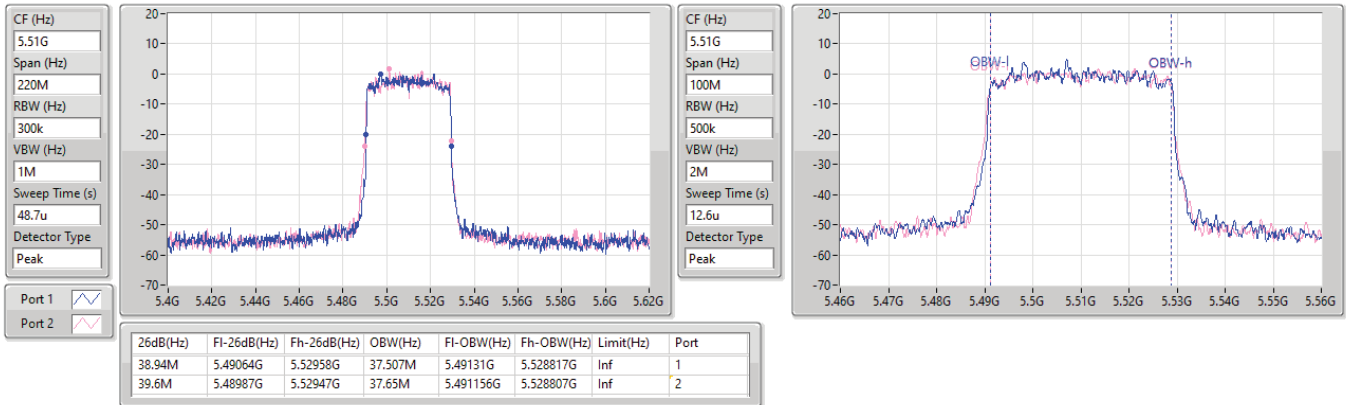


5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

15/01/2024

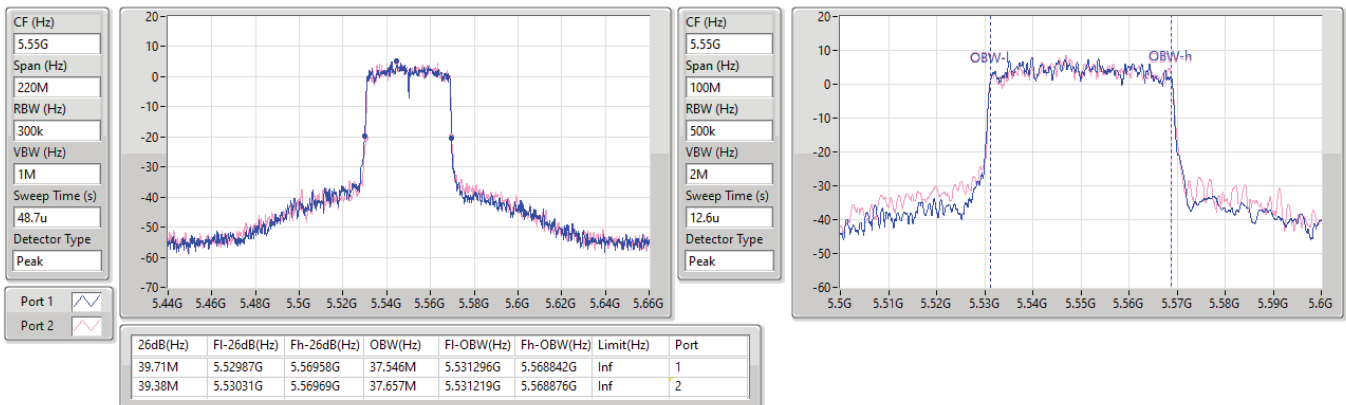


5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

15/01/2024



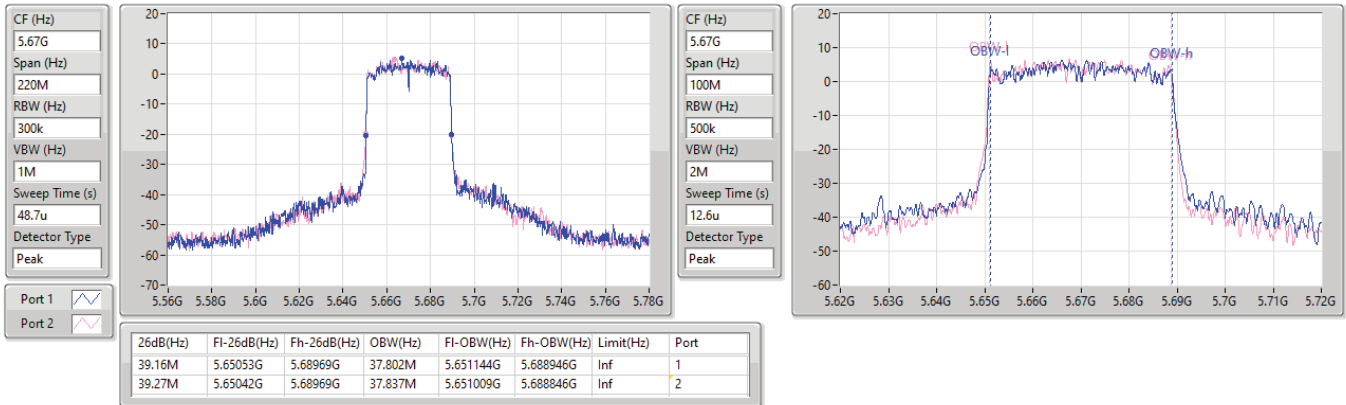


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

15/01/2024

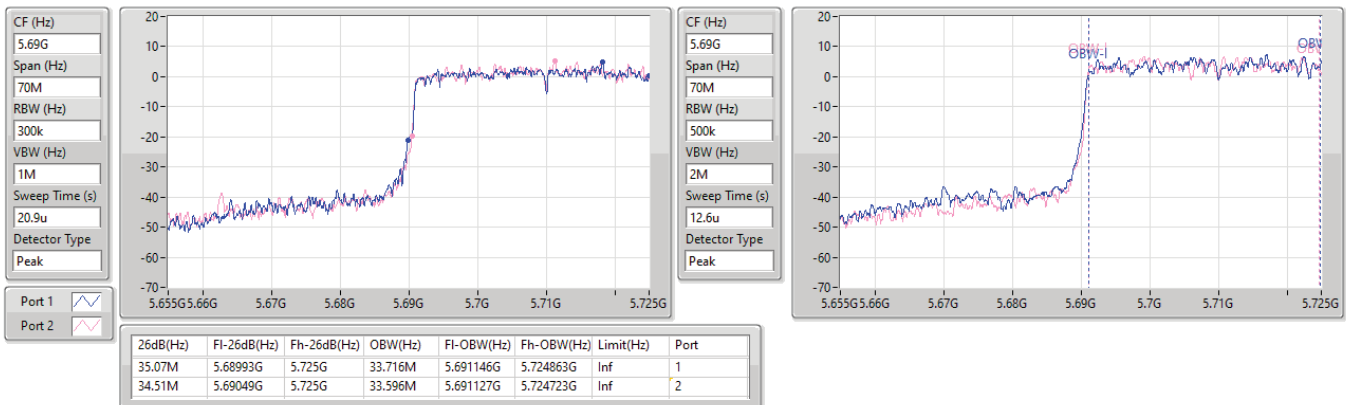


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

15/01/2024



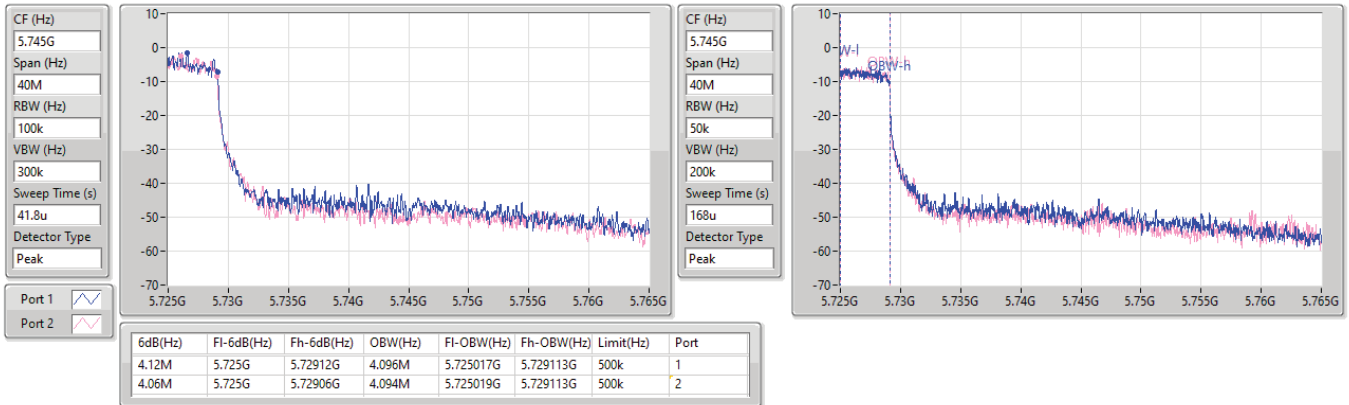


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

15/01/2024

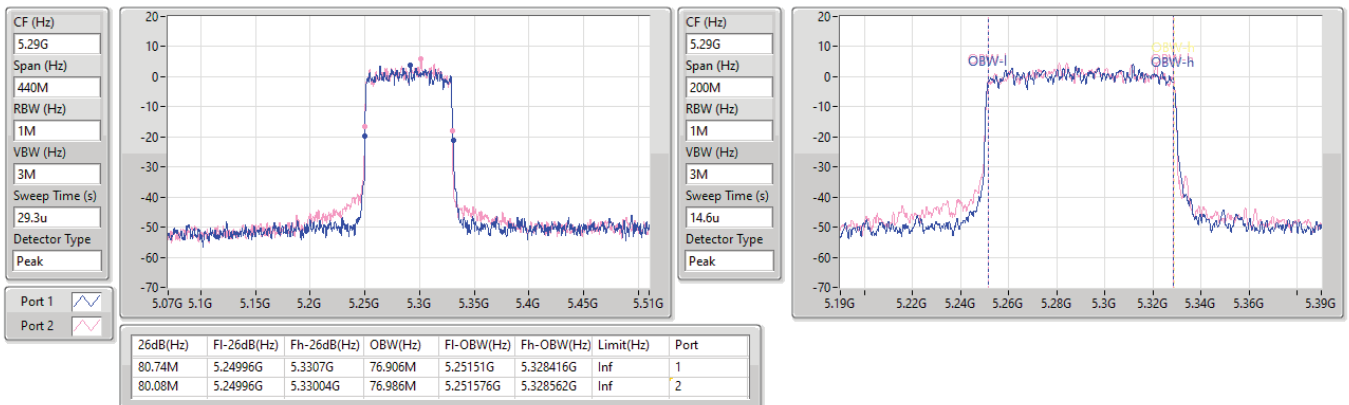


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

15/01/2024

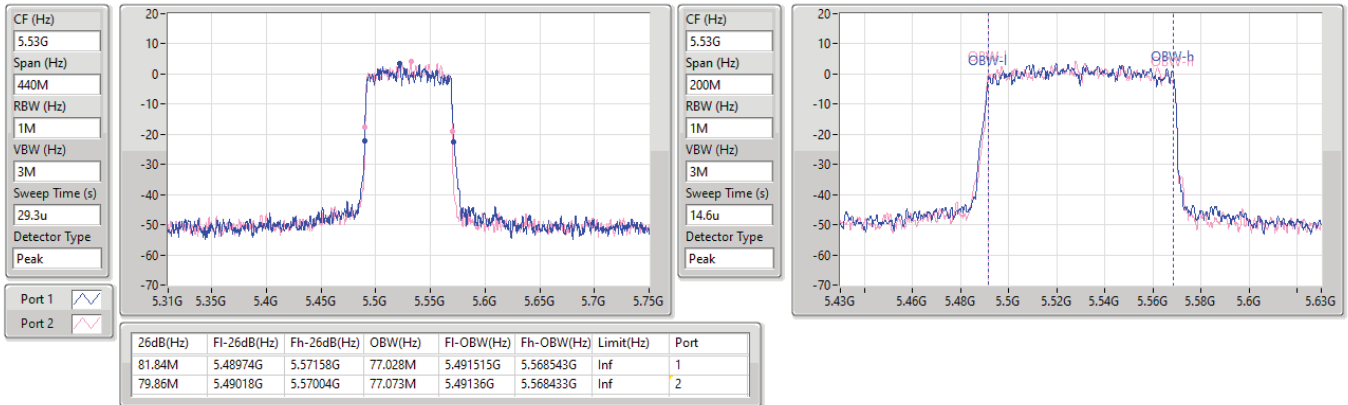


5.47-5.725GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

15/01/2024

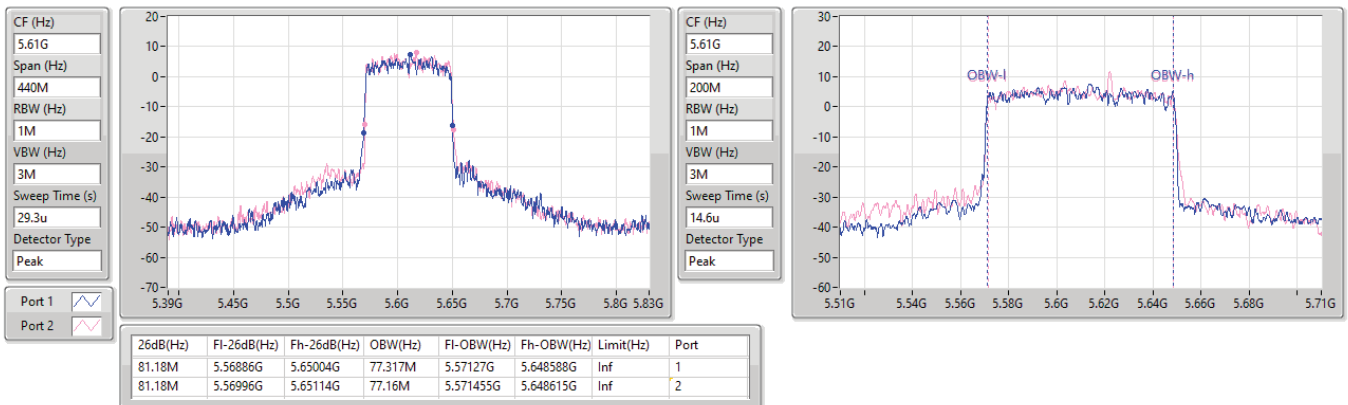


5.47-5.725GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

16/01/2024



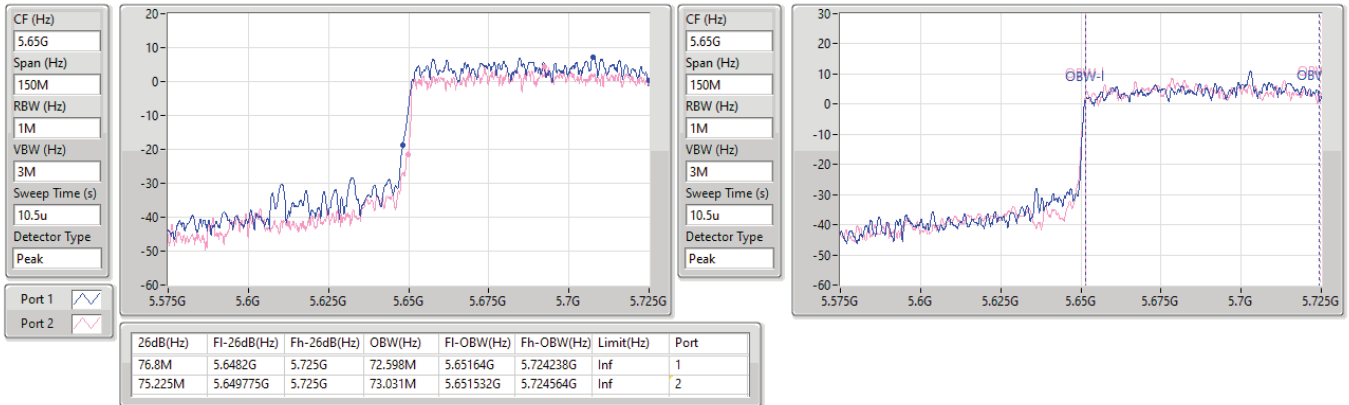


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

15/01/2024

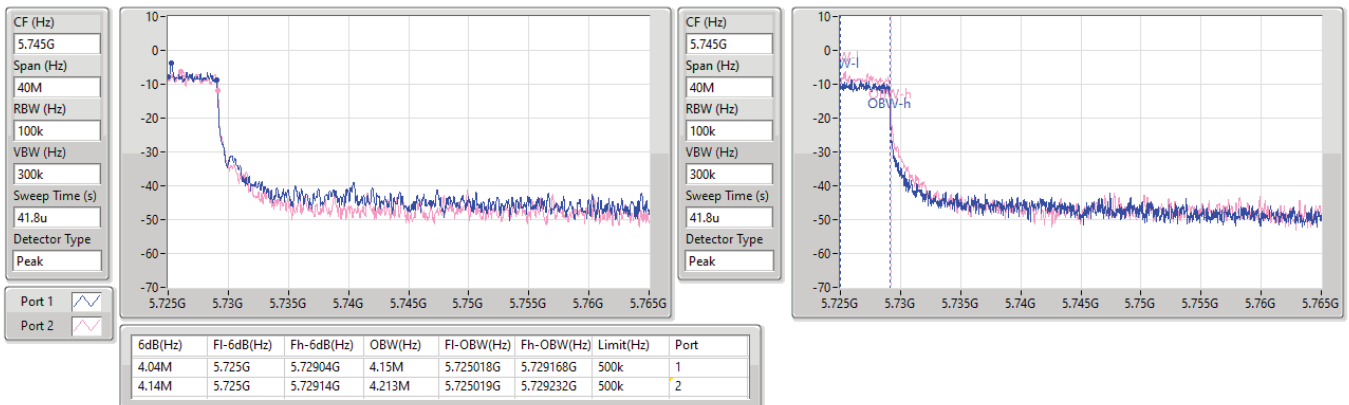


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

15/01/2024



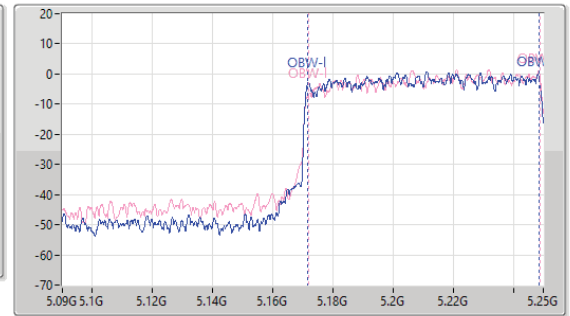
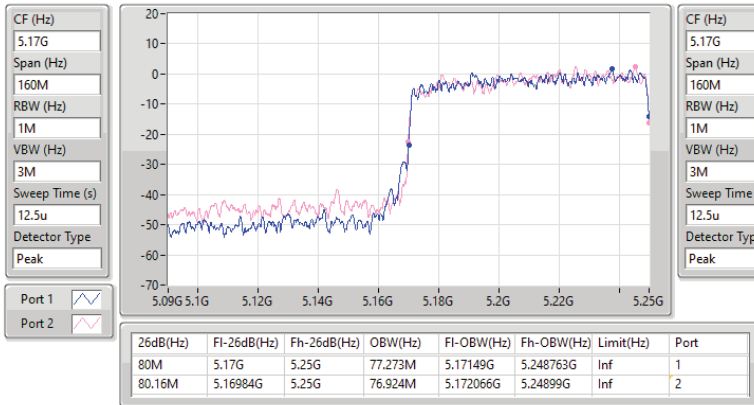


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/01/2024

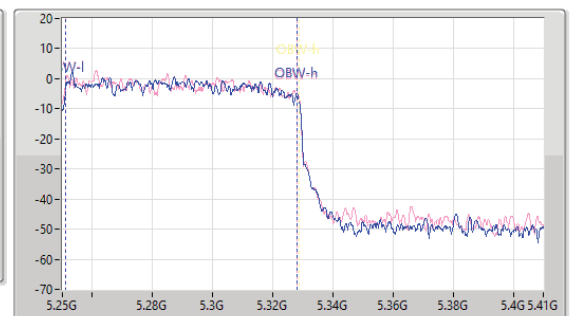
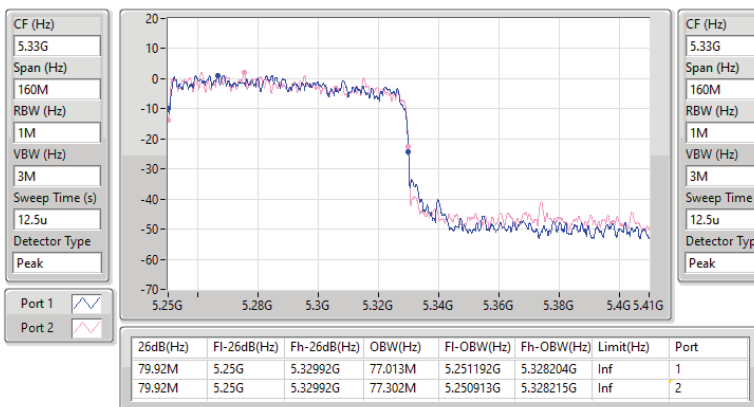


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/01/2024



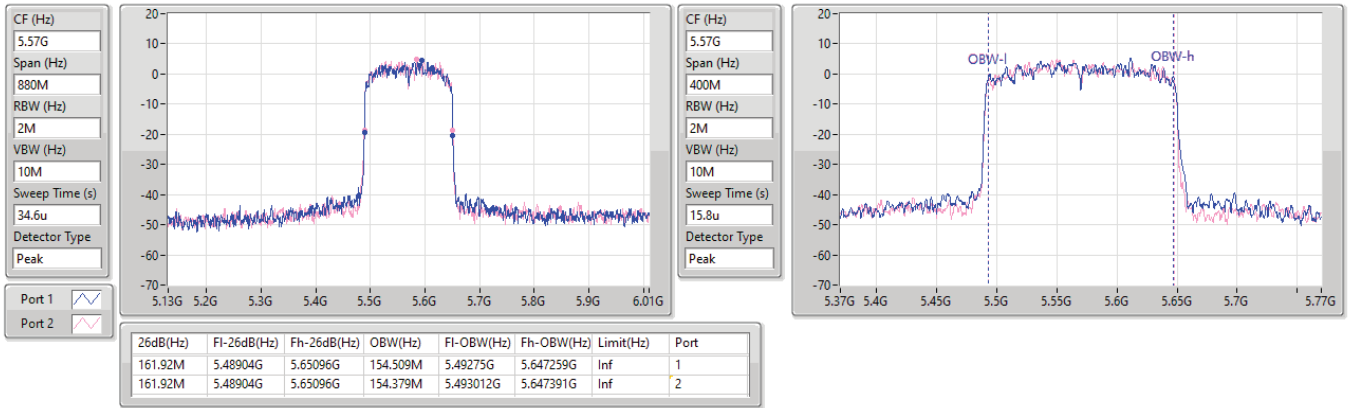


5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

15/01/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	84.08M	77.801M	77M8D1D	80M	77.561M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.88M	16.976M	17M0D1D	21.395M	16.47M
802.11be EHT20_Nss1,(MCS0)_4TX	22.11M	19.19M	19M2D1D	20.9M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	42.46M	38.131M	38M1D1D	40.04M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX	83.82M	77.961M	78M0D1D	80.52M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	81.92M	77.641M	77M6D1D	80.16M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.44M	16.822M	16M8D1D	15.645M	13.193M
802.11be EHT20_Nss1,(MCS0)_4TX	22.66M	19.14M	19M1D1D	14.97M	14.393M
802.11be EHT40_Nss1,(MCS0)_4TX	43.12M	38.181M	38M2D1D	34.51M	33.793M
802.11be EHT80_Nss1,(MCS0)_4TX	86.9M	78.061M	78M1D1D	75.075M	73.313M
802.11be EHT160_Nss1,(MCS0)_4TX	167.2M	157.321M	157MD1D	163.24M	156.322M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.3M	4.358M	4M36D1D	3.26M	4.218M
802.11be EHT20_Nss1,(MCS0)_4TX	4.62M	4.858M	4M86D1D	4.58M	4.598M
802.11be EHT40_Nss1,(MCS0)_4TX	4.18M	4.238M	4M24D1D	4.1M	4.198M
802.11be EHT80_Nss1,(MCS0)_4TX	4.16M	6.317M	6M32D1D	4.1M	5.397M

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	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.56M	16.602M	21.835M	16.822M	21.835M	16.8M	22.11M	16.602M
5300MHz	Pass	Inf	22M	16.536M	21.945M	16.602M	22.88M	16.646M	22.385M	16.47M
5320MHz	Pass	Inf	22.605M	16.734M	21.395M	16.976M	21.835M	16.778M	21.615M	16.756M
5500MHz	Pass	Inf	21.835M	16.668M	21.45M	16.646M	21.725M	16.712M	21.67M	16.734M
5580MHz	Pass	Inf	22M	16.668M	22M	16.624M	21.56M	16.668M	22.33M	16.602M
5700MHz	Pass	Inf	22.44M	16.646M	22.44M	16.822M	21.505M	16.69M	22.165M	16.536M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	13.313M	15.78M	13.253M	15.645M	13.223M	15.885M	13.193M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.358M	3.28M	4.218M	3.26M	4.318M	3.3M	4.238M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.67M	19.09M	20.9M	19.065M	20.9M	18.991M	21.615M	19.015M
5300MHz	Pass	Inf	21.34M	19.04M	21.285M	19.14M	21.065M	19.04M	21.615M	19.04M
5320MHz	Pass	Inf	21.505M	19.19M	22.055M	18.991M	22.11M	19.19M	21.56M	18.991M
5500MHz	Pass	Inf	21.12M	19.04M	21.89M	19.065M	21.45M	19.14M	22.66M	18.991M
5580MHz	Pass	Inf	22.385M	18.991M	22.165M	19.065M	21.23M	19.09M	21.01M	19.04M
5700MHz	Pass	Inf	22.11M	18.966M	22.055M	19.015M	20.955M	19.065M	22M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.97M	14.498M	15.03M	14.438M	16.11M	14.393M	15.795M	14.423M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.658M	4.58M	4.598M	4.62M	4.618M	4.58M	4.858M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	42.46M	37.831M	42.02M	38.031M	42.24M	37.881M	40.04M	38.131M
5310MHz	Pass	Inf	40.92M	37.781M	41.58M	37.781M	42.13M	37.931M	40.92M	37.881M
5510MHz	Pass	Inf	40.59M	37.831M	40.48M	37.981M	42.35M	38.181M	40.81M	37.931M
5550MHz	Pass	Inf	43.12M	37.831M	41.69M	37.981M	40.92M	38.131M	43.01M	37.831M
5670MHz	Pass	Inf	41.91M	37.831M	42.13M	38.081M	41.47M	37.981M	42.24M	38.031M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.968M	36.19M	33.863M	35.735M	33.793M	34.51M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.14M	4.198M	4.14M	4.218M	4.18M	4.238M	4.1M	4.238M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.5M	77.861M	82.28M	77.461M	83.82M	77.961M	80.52M	77.661M
5530MHz	Pass	Inf	86.9M	77.261M	81.4M	77.361M	82.06M	77.361M	84.26M	77.561M
5610MHz	Pass	Inf	84.04M	78.061M	81.62M	77.361M	86.02M	77.161M	81.4M	77.661M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.538M	75.075M	73.463M	75.15M	73.313M	78.3M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	6.017M	4.16M	6.137M	4.14M	5.397M	4.14M	6.317M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	84.08M	77.801M	82.4M	77.561M	80M	77.641M	80M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.6M	77.481M	80.8M	77.641M	80.16M	77.641M	81.92M	77.641M
5570MHz	Pass	Inf	167.2M	157.121M	166.76M	156.322M	163.24M	157.321M	163.24M	157.121M

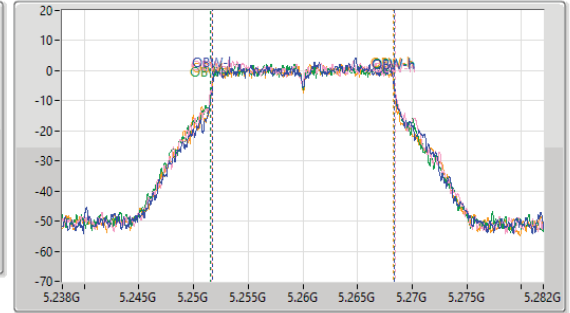
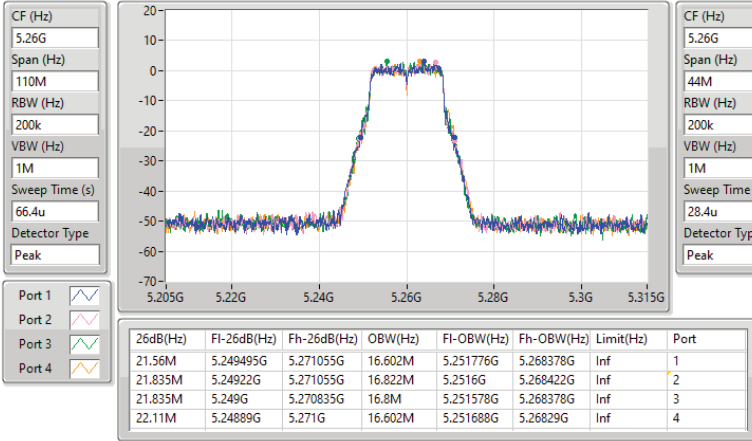
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5260MHz

17/01/2024

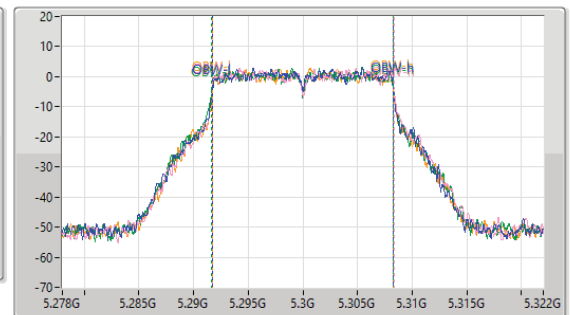
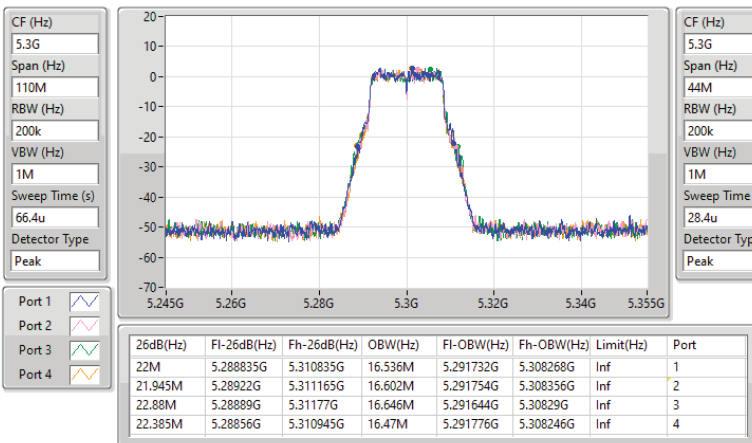


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

17/01/2024

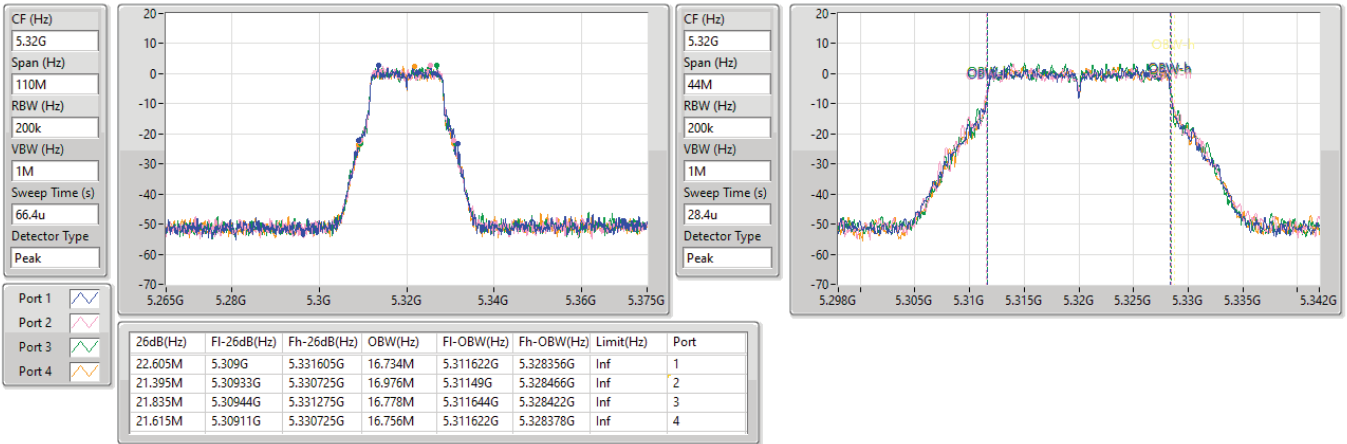


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

17/01/2024

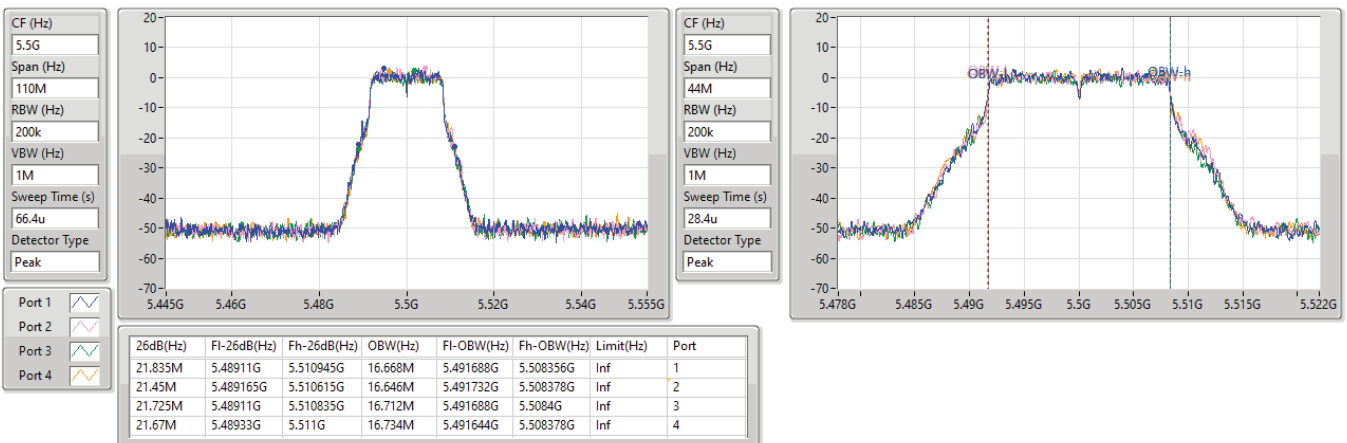


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

17/01/2024

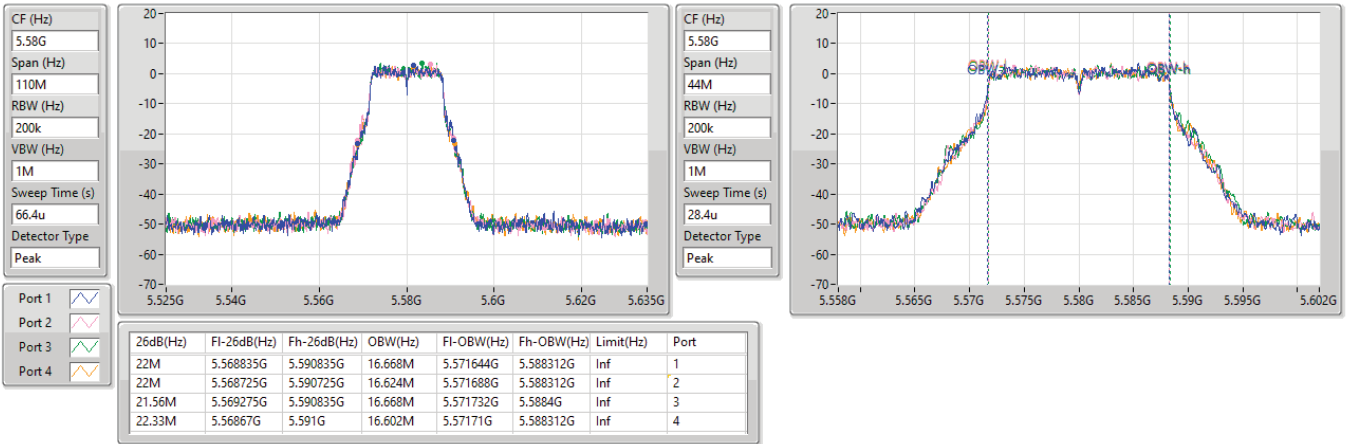


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

17/01/2024

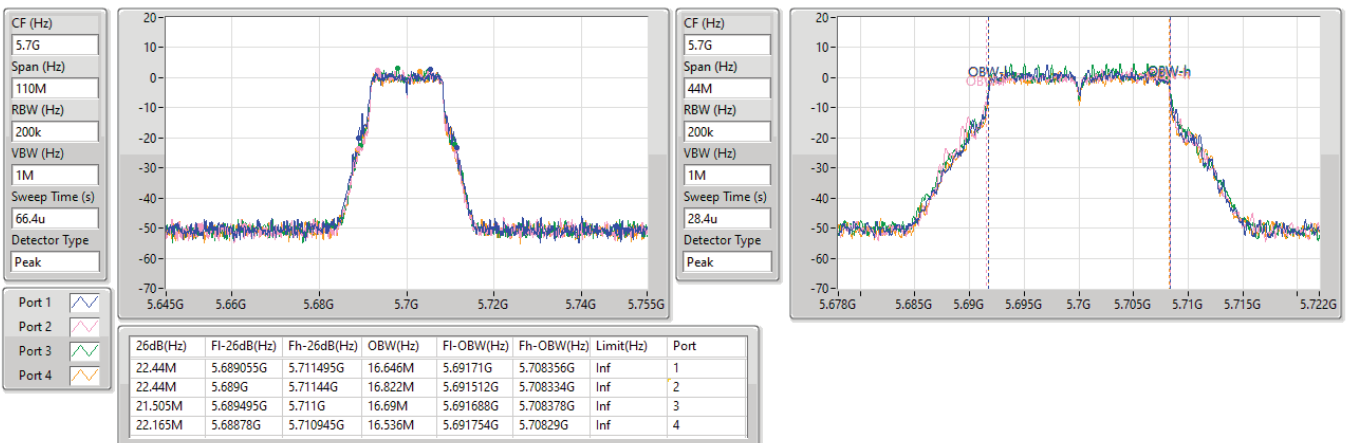


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

17/01/2024



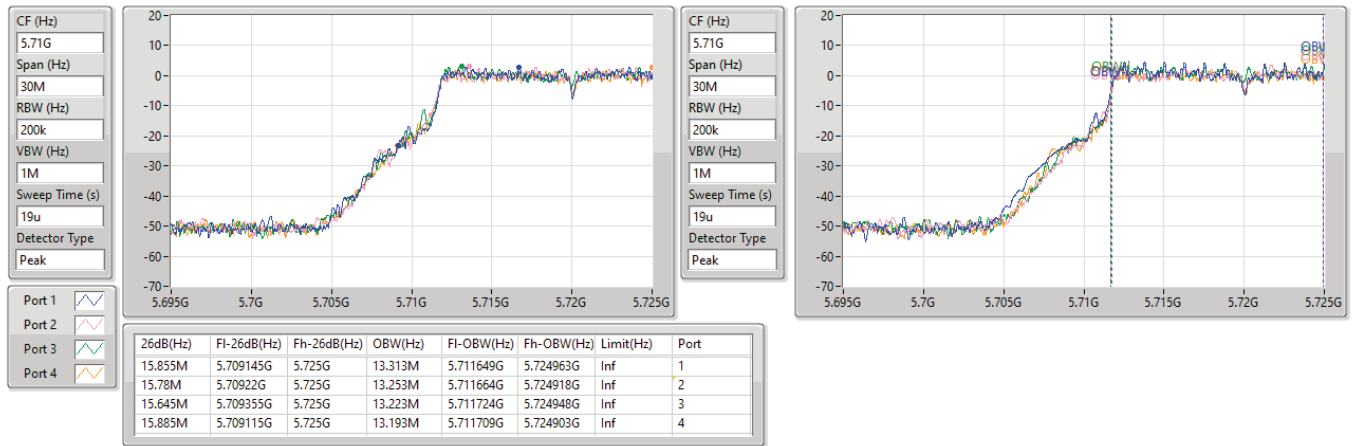


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

17/01/2024

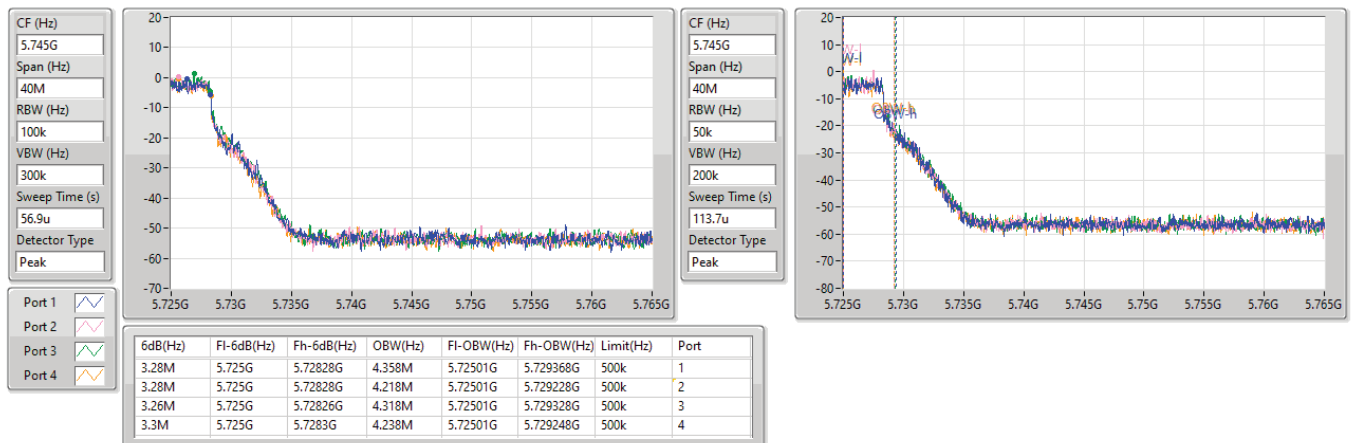


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/01/2024



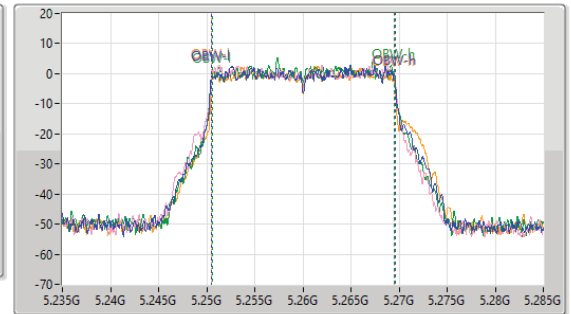
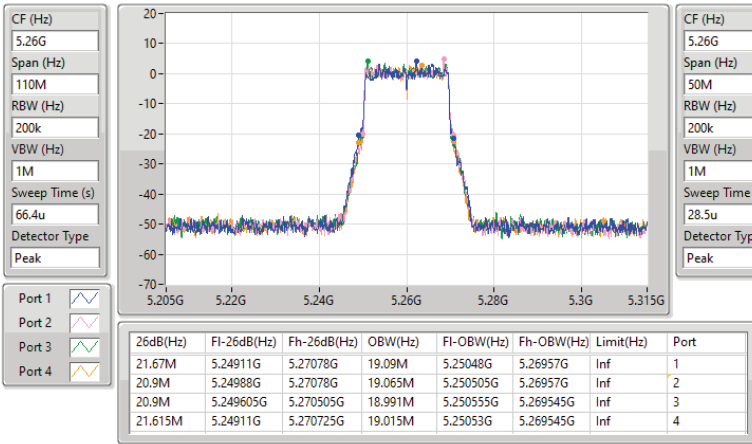


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

17/01/2024

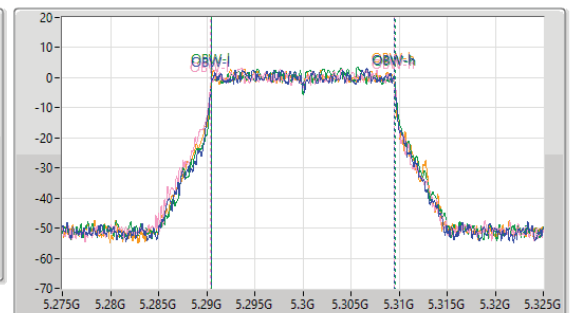
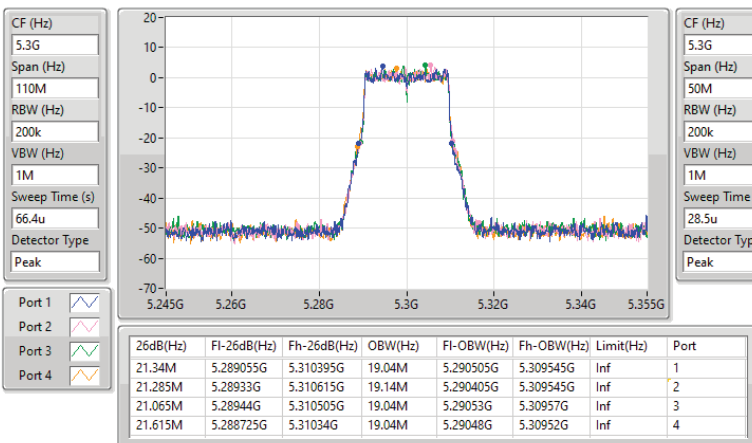


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

17/01/2024

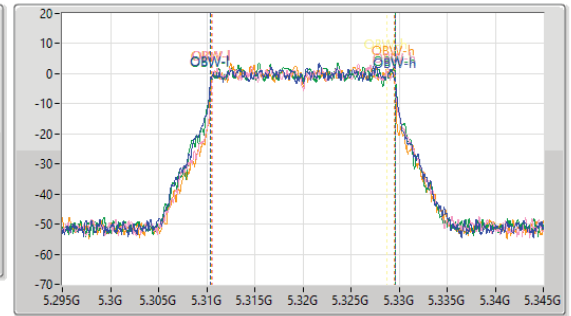
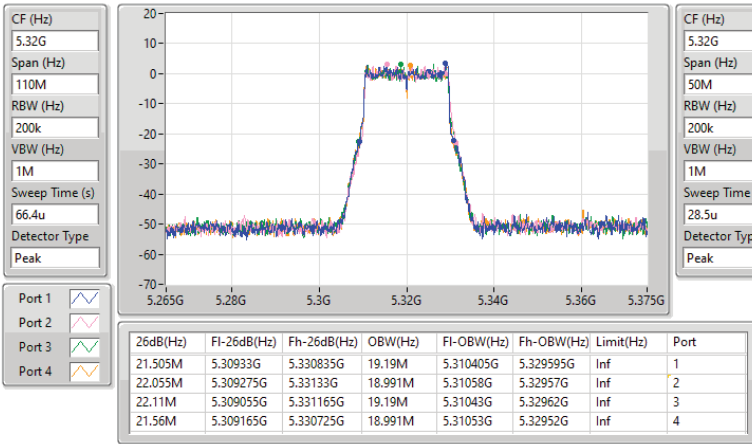


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

17/01/2024

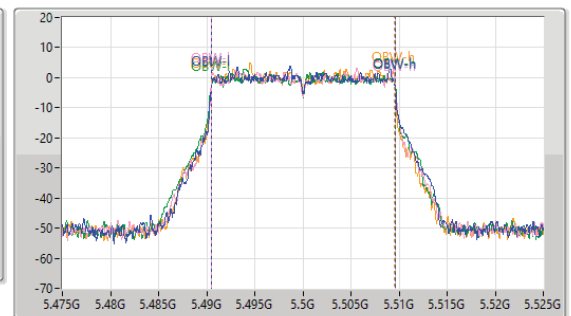
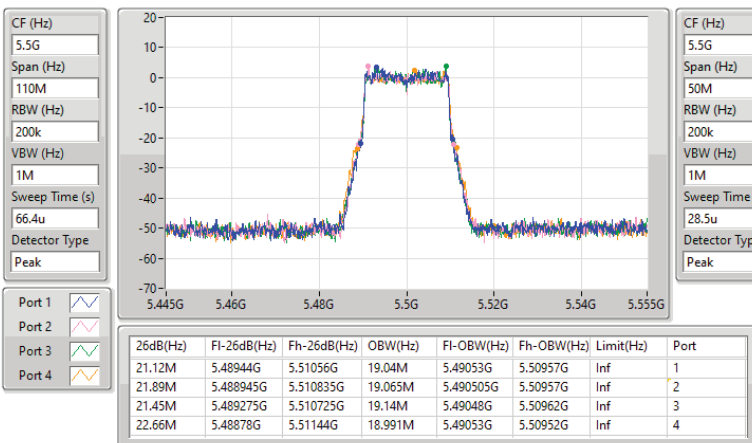


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

17/01/2024



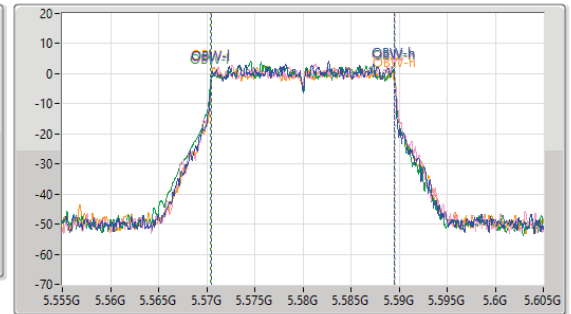
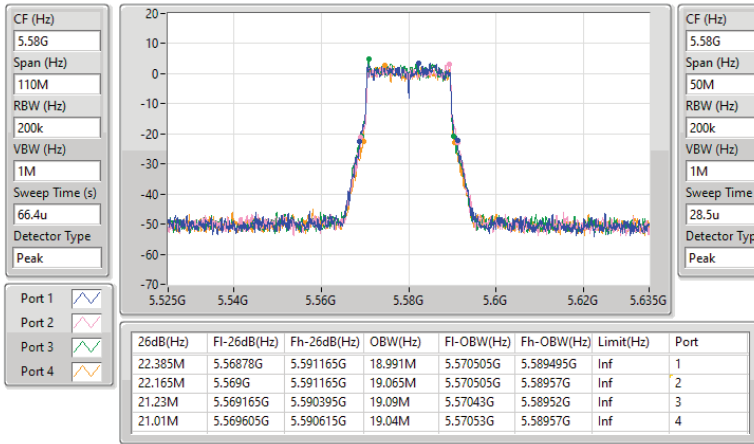


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

17/01/2024

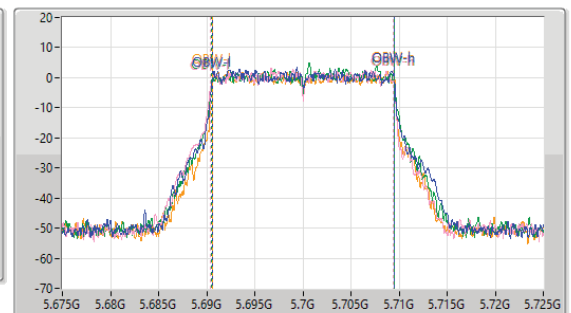
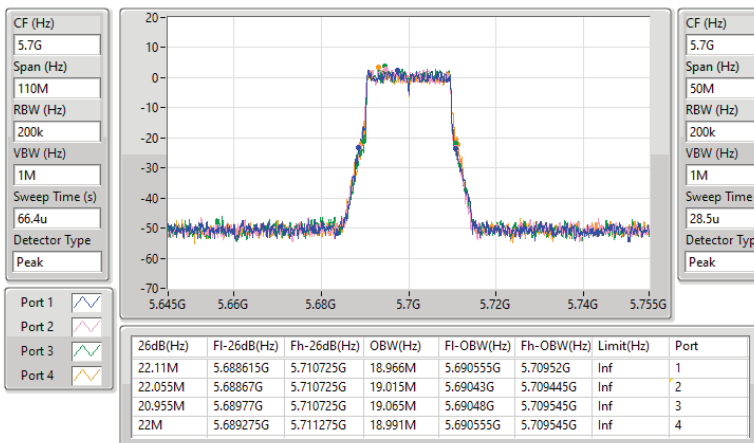


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

16/01/2024



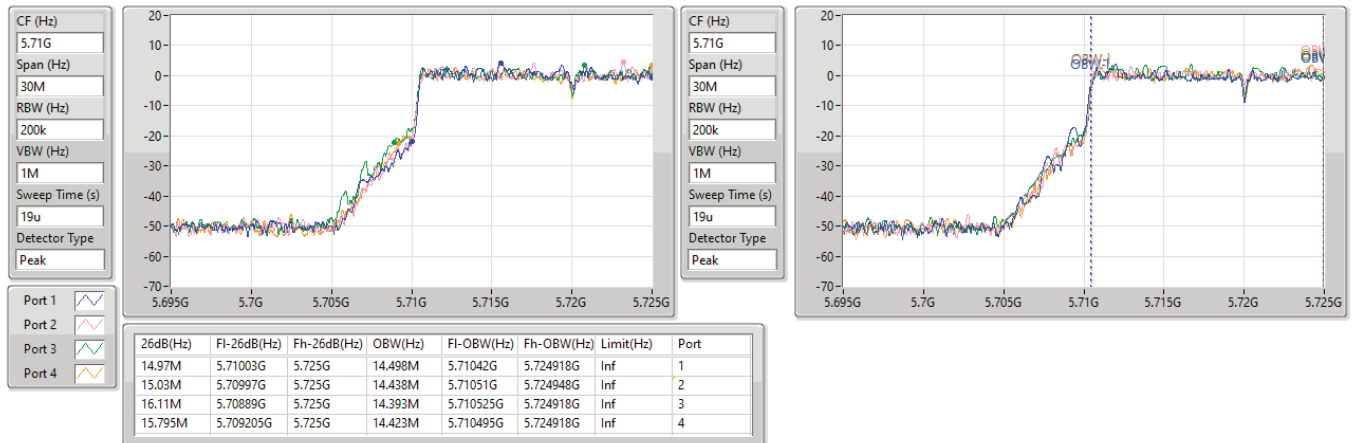


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

17/01/2024

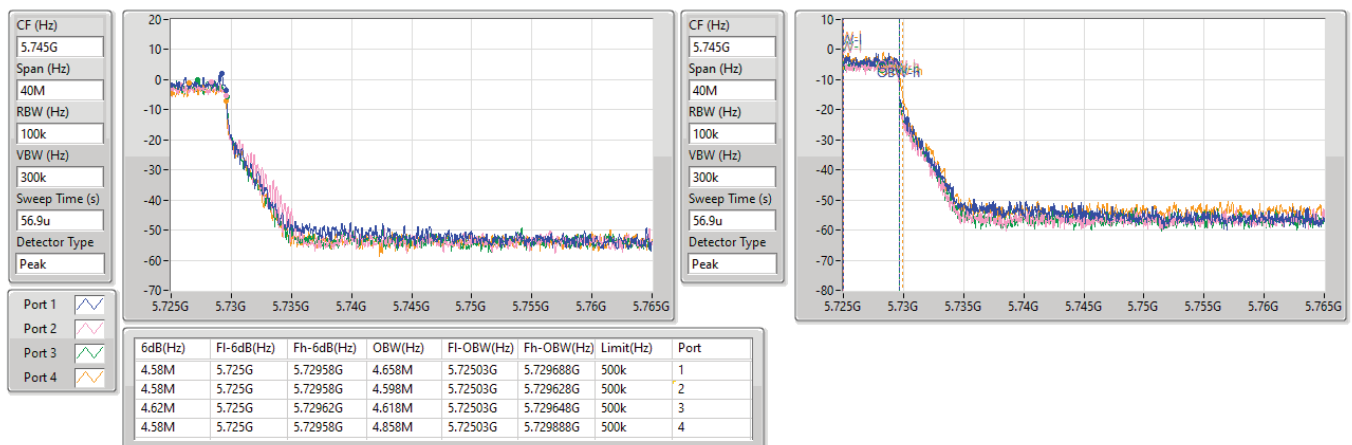


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/01/2024

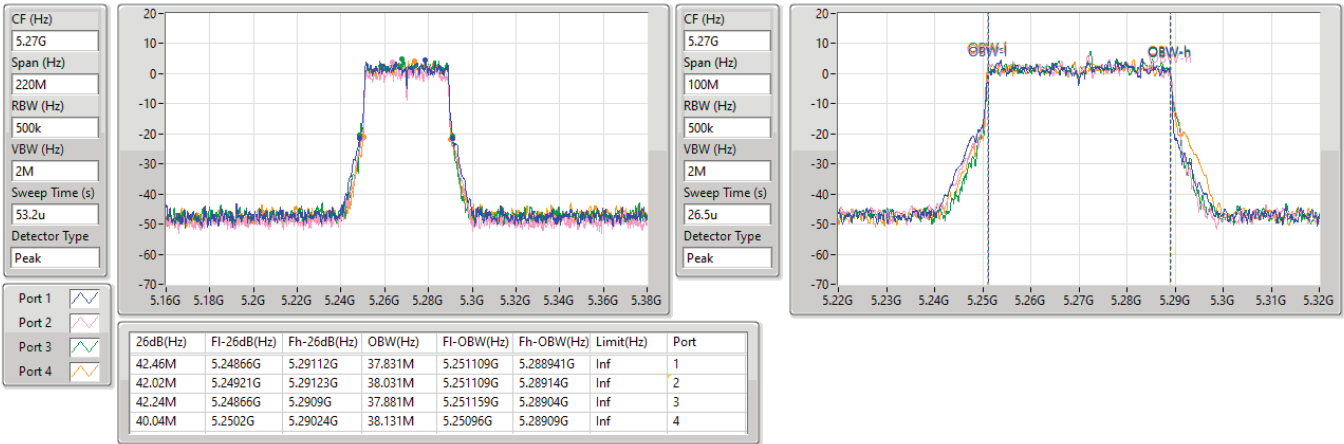


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

17/01/2024

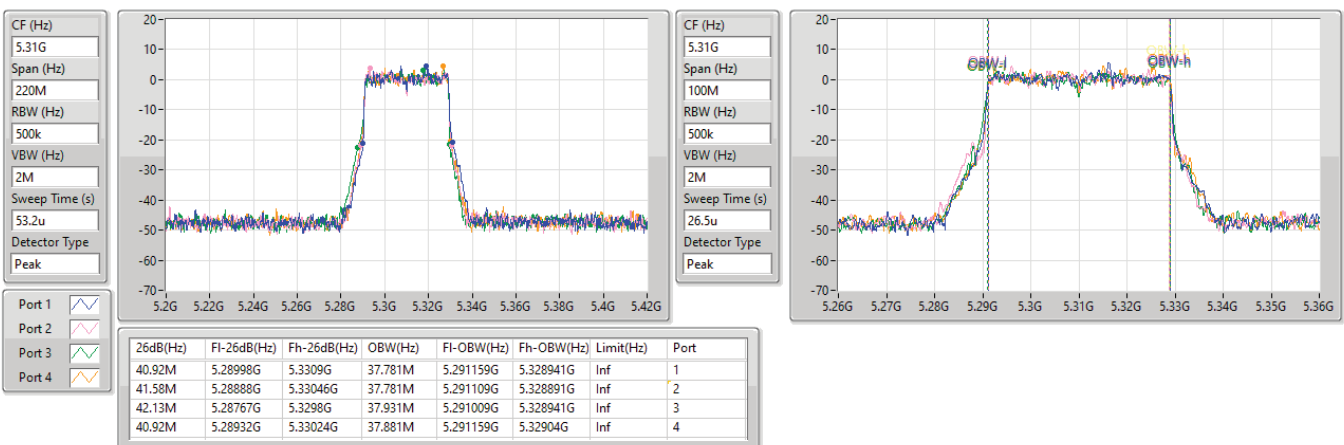


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

16/01/2024

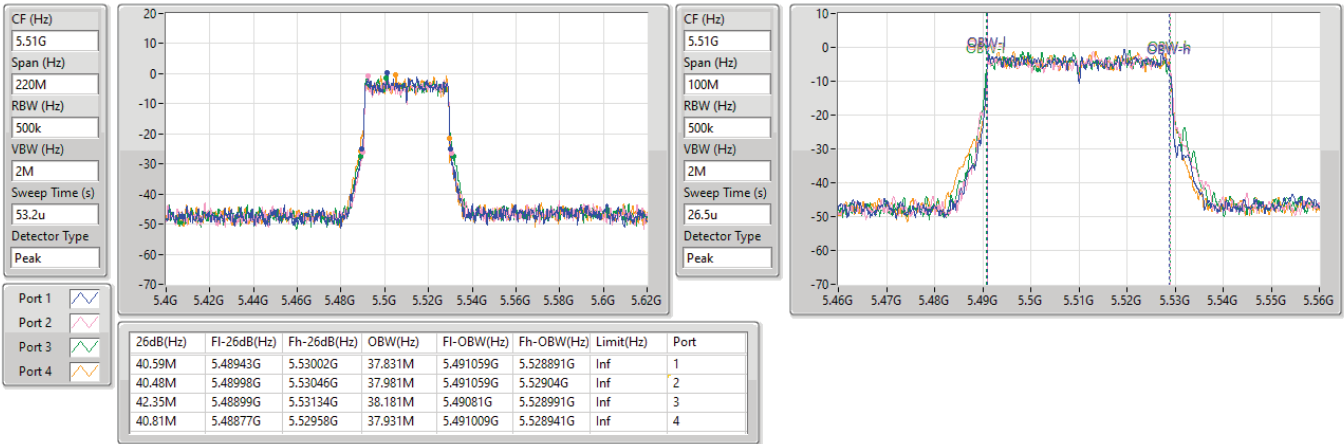


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

16/01/2024

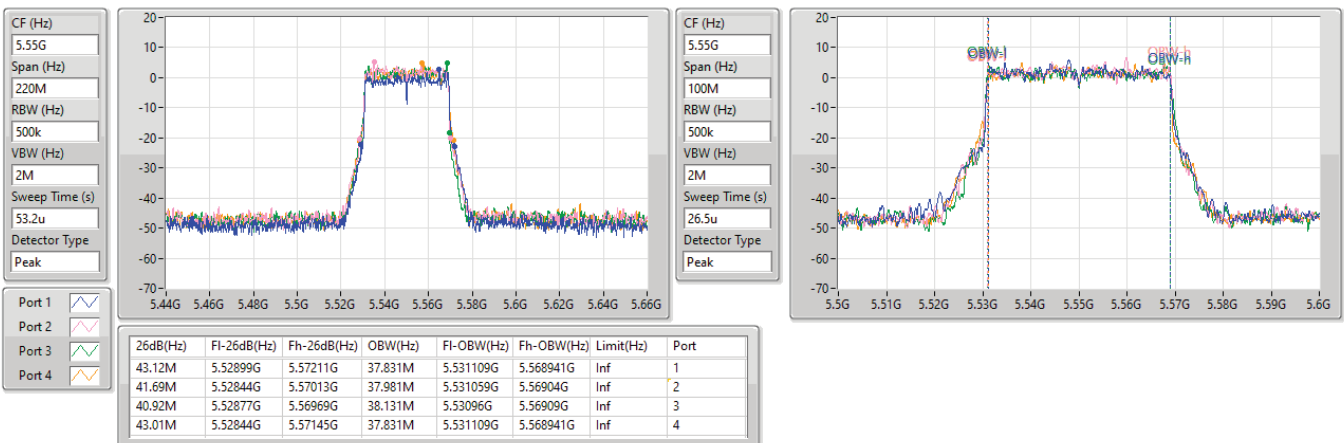


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

17/01/2024

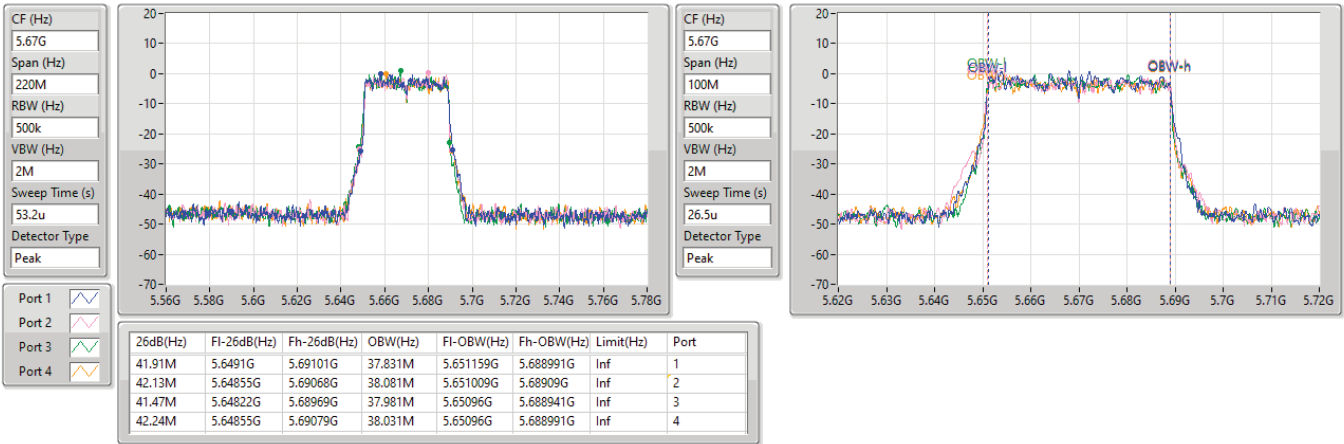


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

16/01/2024

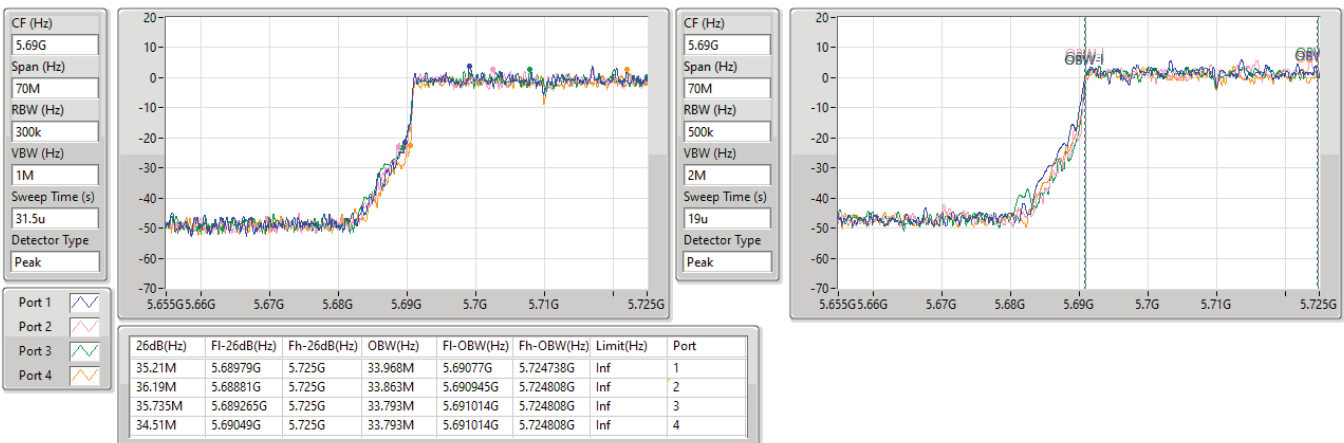


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

17/01/2024



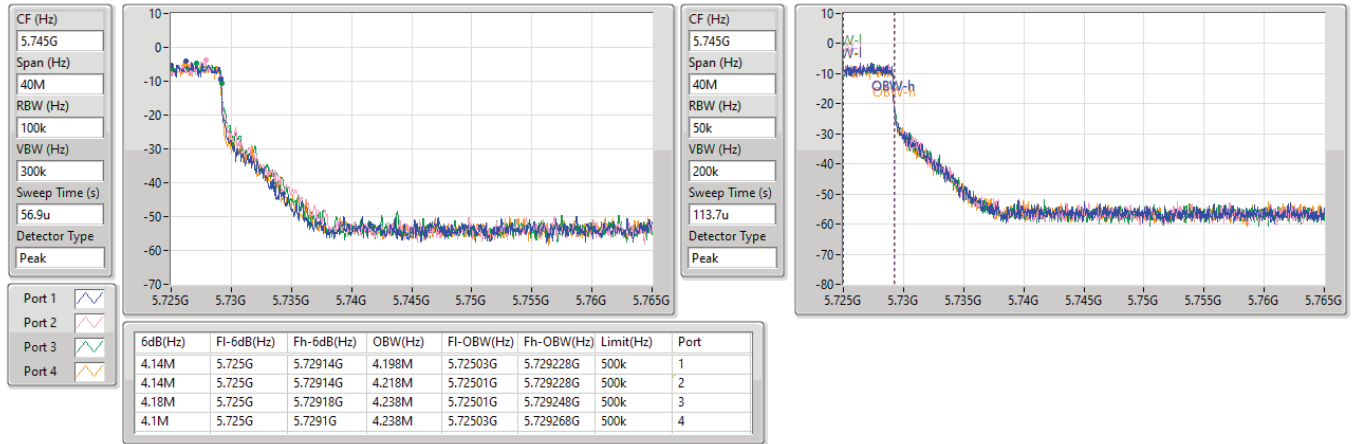


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

17/01/2024

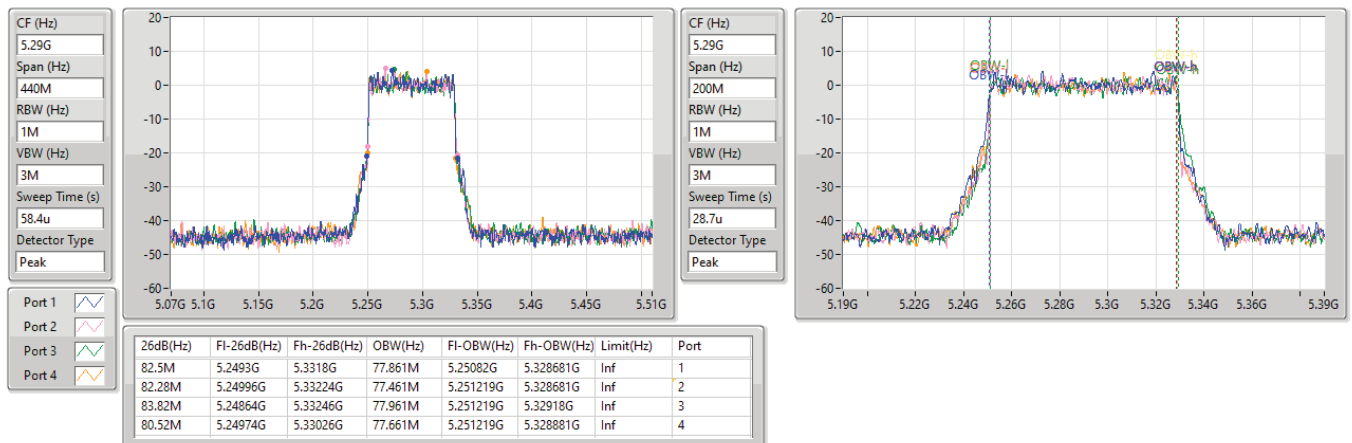


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

16/01/2024



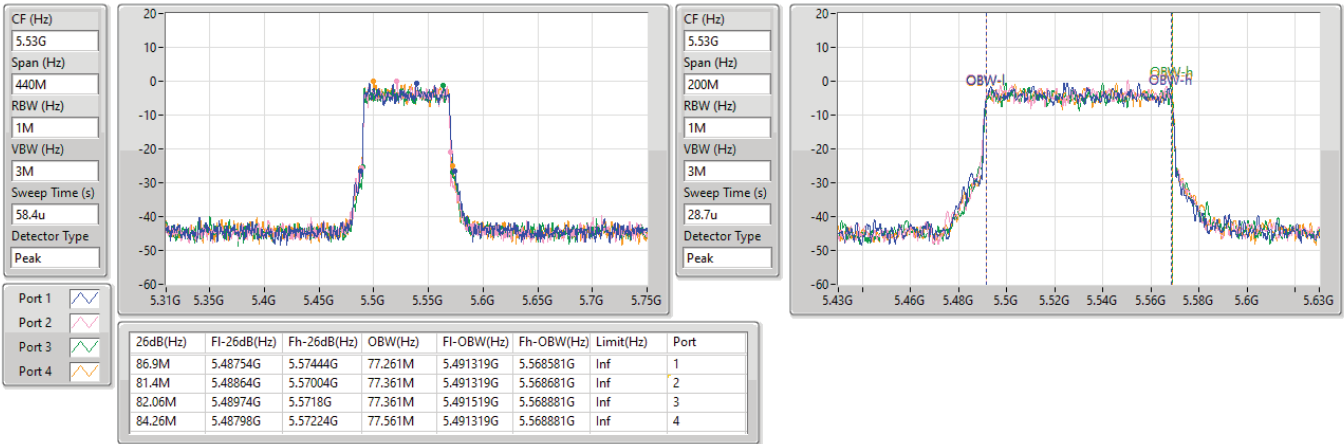


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

16/01/2024

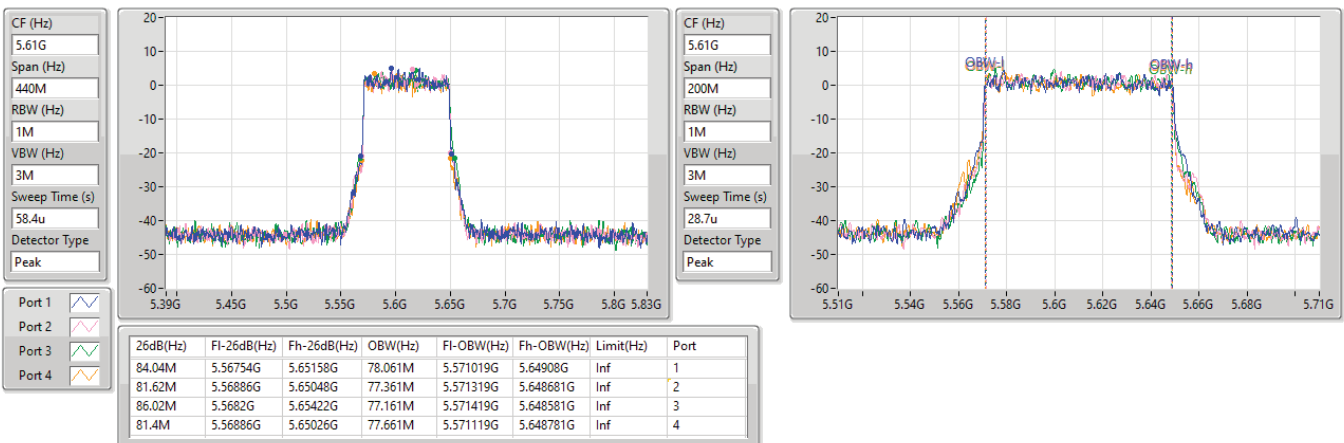


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

16/01/2024



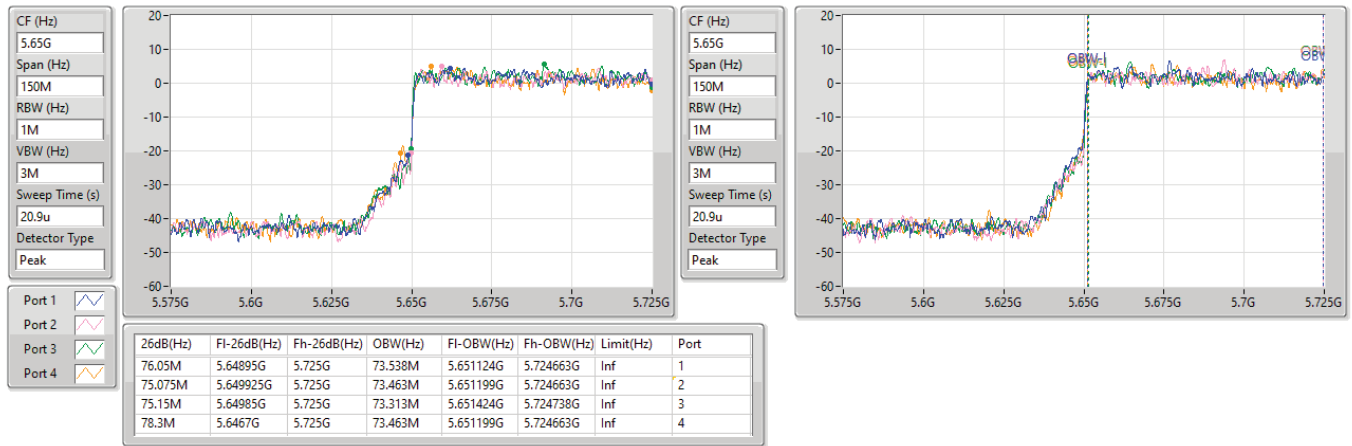


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

17/01/2024

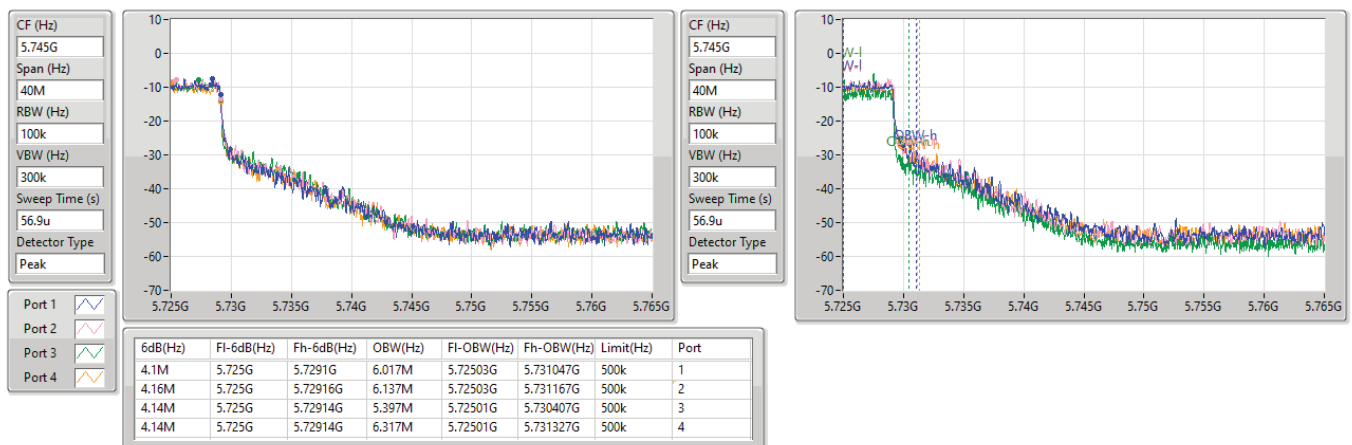


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

17/01/2024

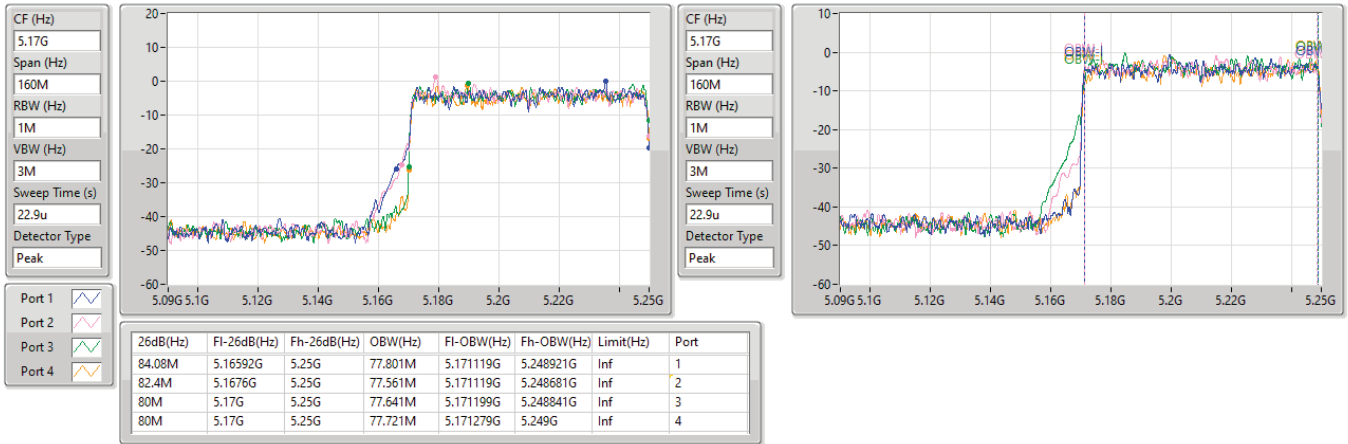


5.15-5.25GHz 802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

16/01/2024

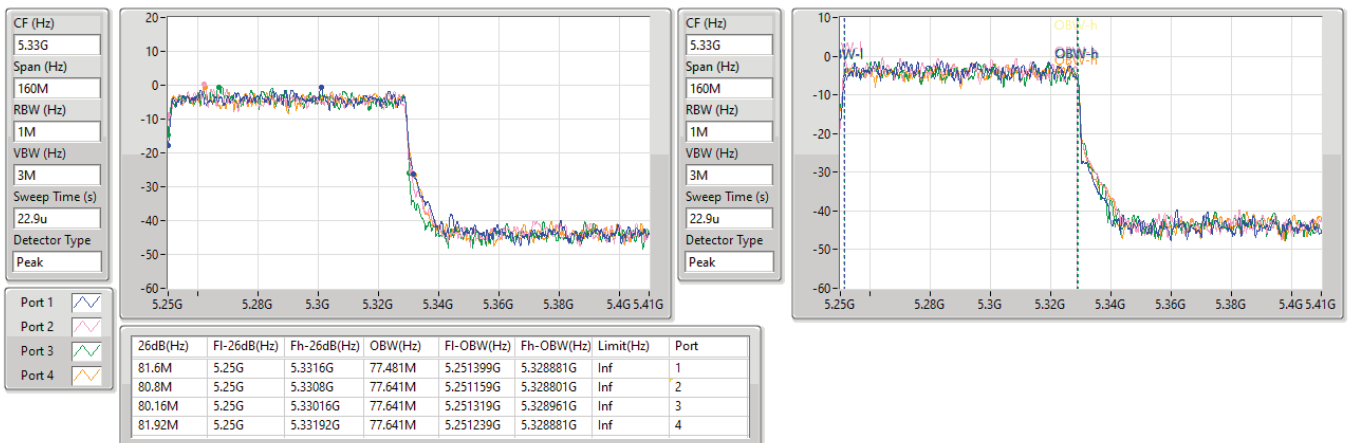


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

16/01/2024



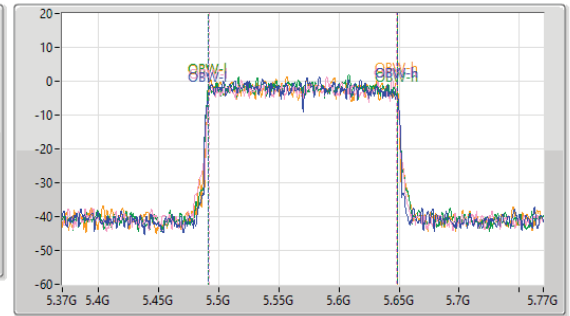
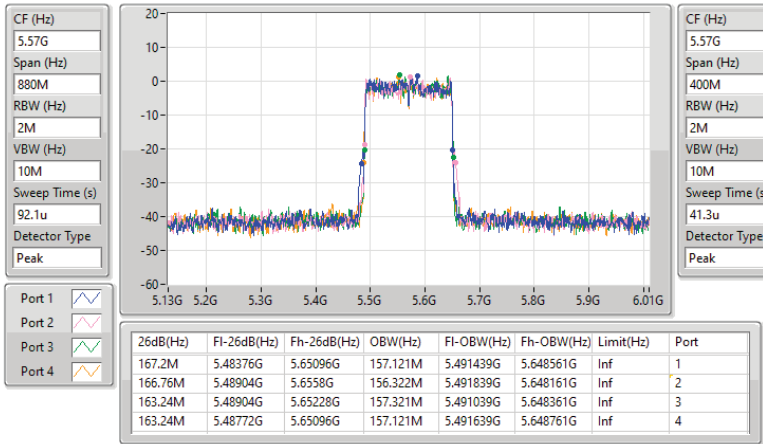


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

16/01/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	14.20	0.02630	20.50	0.11220
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.51	0.11246	26.81	0.47973
802.11ax HEW20_Nss1,(MCS0)_2TX	20.17	0.10399	26.47	0.44361
802.11ax HEW40_Nss1,(MCS0)_2TX	20.55	0.11350	26.85	0.48417
802.11ax HEW80_Nss1,(MCS0)_2TX	16.67	0.04645	22.97	0.19815
802.11ax HEW160_Nss1,(MCS0)_2TX	13.99	0.02506	20.29	0.10691
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.58	0.11429	26.88	0.48753
802.11ax HEW20_Nss1,(MCS0)_2TX	20.16	0.10375	26.46	0.44259
802.11ax HEW40_Nss1,(MCS0)_2TX	20.39	0.10940	26.69	0.46666
802.11ax HEW80_Nss1,(MCS0)_2TX	20.33	0.10789	26.63	0.46026
802.11ax HEW160_Nss1,(MCS0)_2TX	17.15	0.05188	23.45	0.22131
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.87	0.01936	19.17	0.08260
802.11ax HEW20_Nss1,(MCS0)_2TX	13.17	0.02075	19.47	0.08851
802.11ax HEW40_Nss1,(MCS0)_2TX	9.63	0.00918	15.93	0.03917
802.11ax HEW80_Nss1,(MCS0)_2TX	6.38	0.00435	12.68	0.01854



Average Power_Non-Beamforming_Radio 0

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.30	17.11	17.33	20.23	23.42	26.53	29.72
5300MHz	Pass	6.30	17.41	17.48	20.46	23.44	26.76	29.74
5320MHz	Pass	6.30	17.33	17.66	20.51	23.35	26.81	29.65
5500MHz	Pass	6.30	17.49	17.65	20.58	23.20	26.88	29.50
5580MHz	Pass	6.30	17.27	17.50	20.40	23.37	26.70	29.67
5700MHz	Pass	6.30	17.02	17.13	20.09	23.33	26.39	29.63
5720MHz Straddle 5.47-5.725GHz	Pass	6.30	16.14	16.37	19.27	22.20	25.57	28.50
5720MHz Straddle 5.725-5.85GHz	Pass	6.30	9.77	9.94	12.87	29.70	19.17	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.30	16.84	17.05	19.96	23.68	26.26	30.00
5300MHz	Pass	6.30	17.10	17.22	20.17	23.68	26.47	30.00
5320MHz	Pass	6.30	16.69	16.93	19.82	23.65	26.12	29.95
5500MHz	Pass	6.30	16.68	16.37	19.54	23.68	25.84	30.00
5580MHz	Pass	6.30	17.09	17.21	20.16	23.68	26.46	29.98
5700MHz	Pass	6.30	16.18	16.27	19.24	23.68	25.54	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	6.30	15.67	15.94	18.82	22.42	25.12	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	6.30	10.11	10.21	13.17	29.70	19.47	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.30	17.50	17.57	20.55	23.68	26.85	30.00
5310MHz	Pass	6.30	15.03	15.16	18.11	23.68	24.41	30.00
5510MHz	Pass	6.30	12.41	12.62	15.53	23.68	21.83	30.00
5550MHz	Pass	6.30	17.30	17.46	20.39	23.68	26.69	30.00
5670MHz	Pass	6.30	17.17	17.30	20.25	23.68	26.55	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.30	16.84	16.98	19.92	23.68	26.22	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.30	6.59	6.64	9.63	29.70	15.93	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.30	13.63	13.69	16.67	23.68	22.97	30.00
5530MHz	Pass	6.30	13.36	13.62	16.50	23.68	22.80	30.00
5610MHz	Pass	6.30	17.13	17.36	20.26	23.68	26.56	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.30	17.38	17.26	20.33	23.68	26.63	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.30	3.22	3.51	6.38	29.70	12.68	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.30	11.15	11.22	14.20	23.68	20.50	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.30	10.65	11.28	13.99	23.68	20.29	30.00
5570MHz	Pass	6.30	14.03	14.25	17.15	23.68	23.45	30.00

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

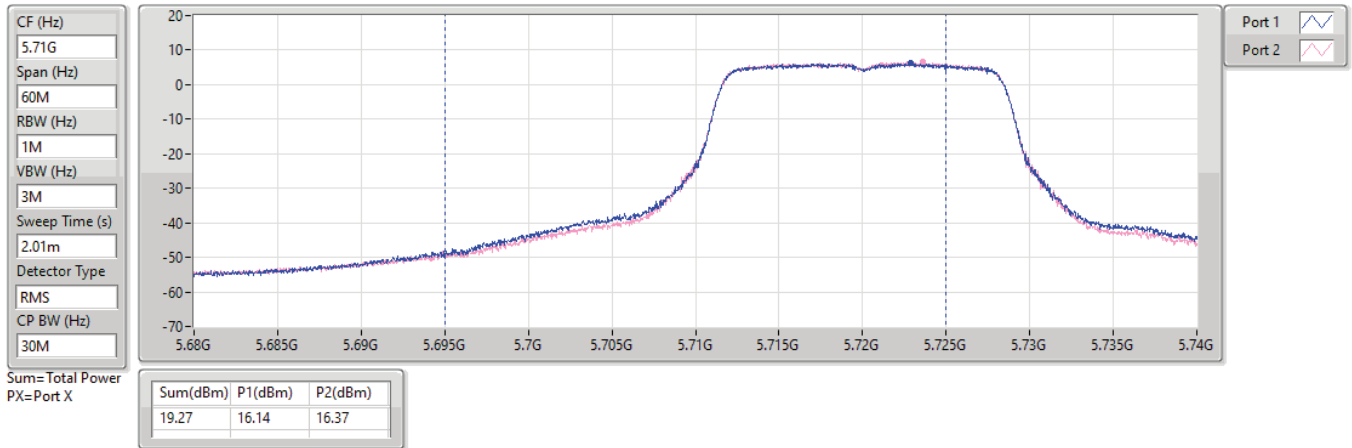


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

15/01/2024

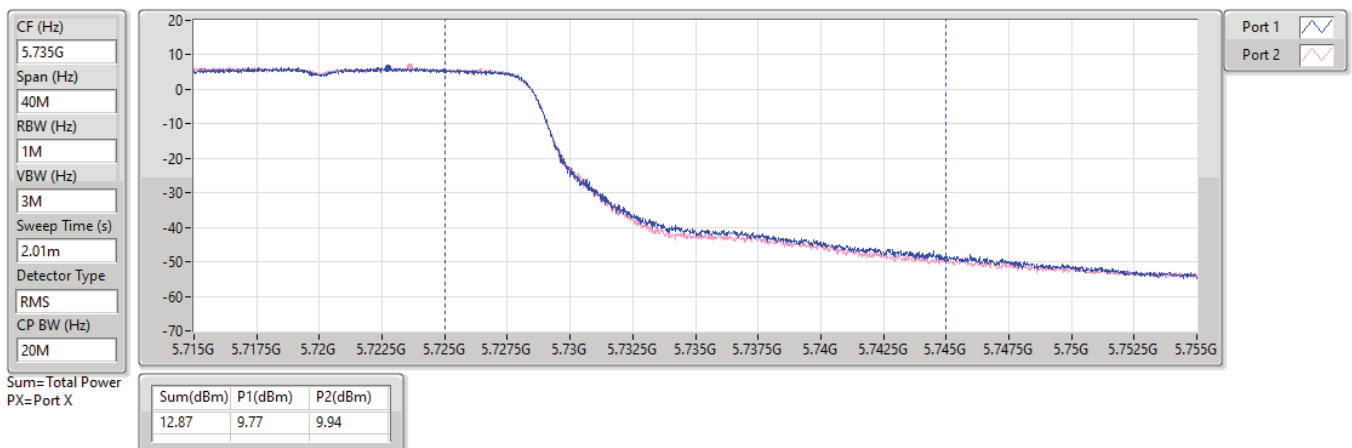


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

15/01/2024



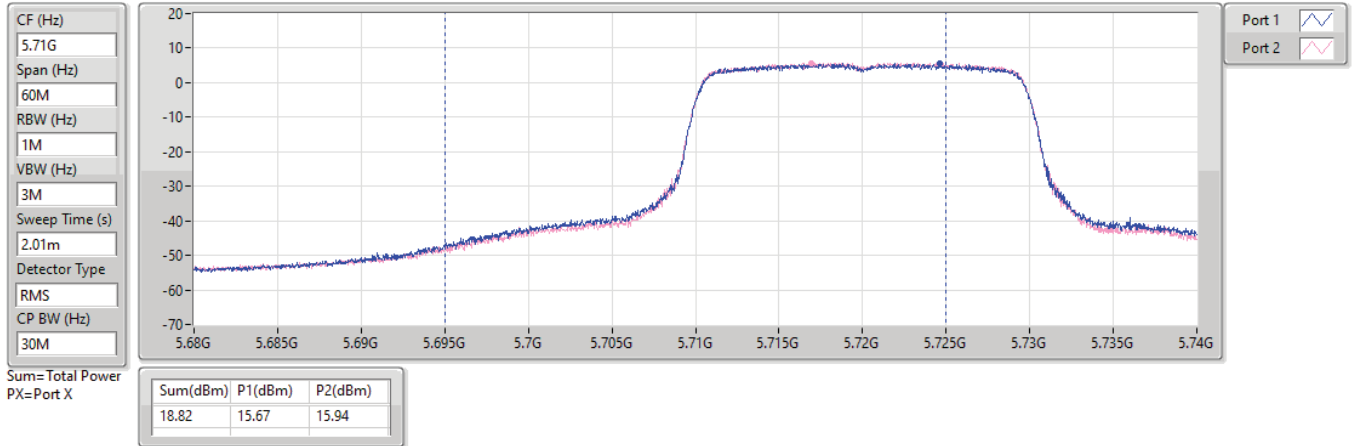


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

15/01/2024

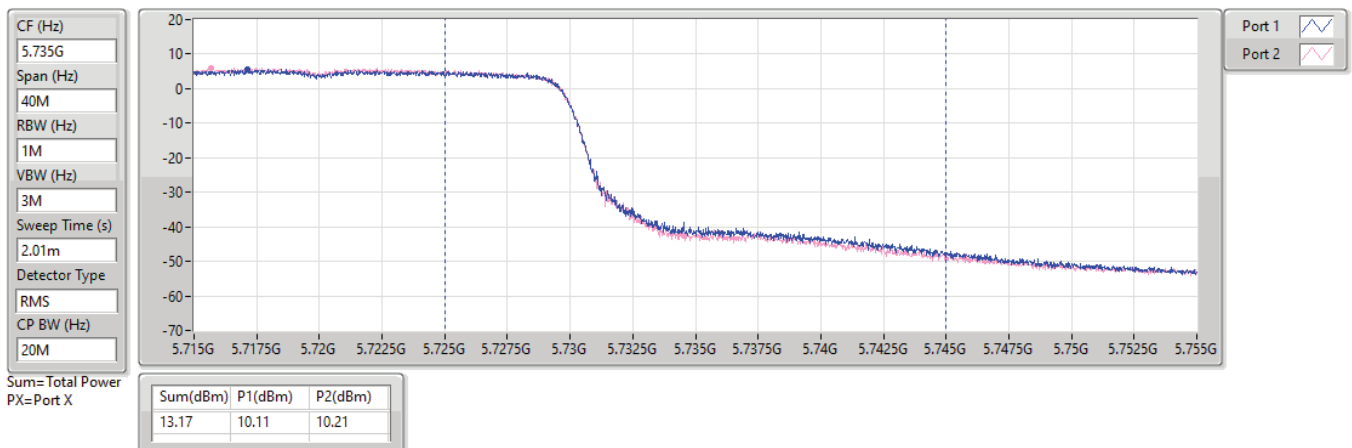


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

15/01/2024



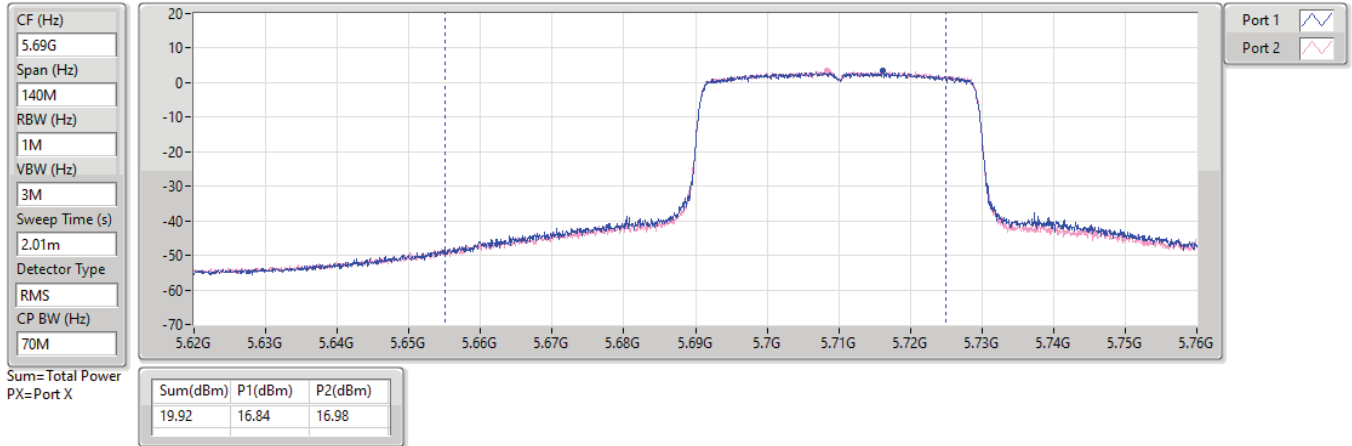


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

15/01/2024

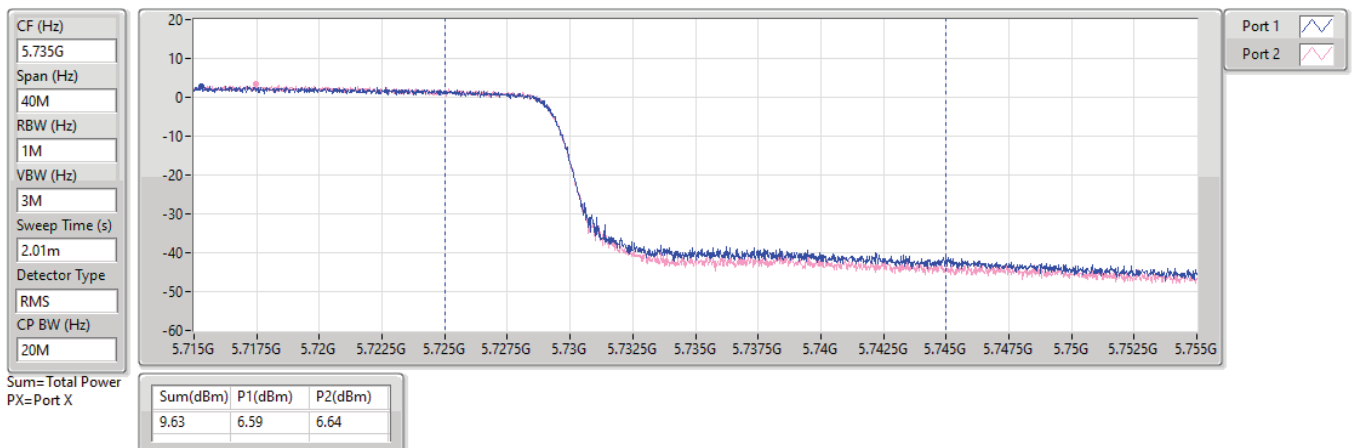


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

15/01/2024



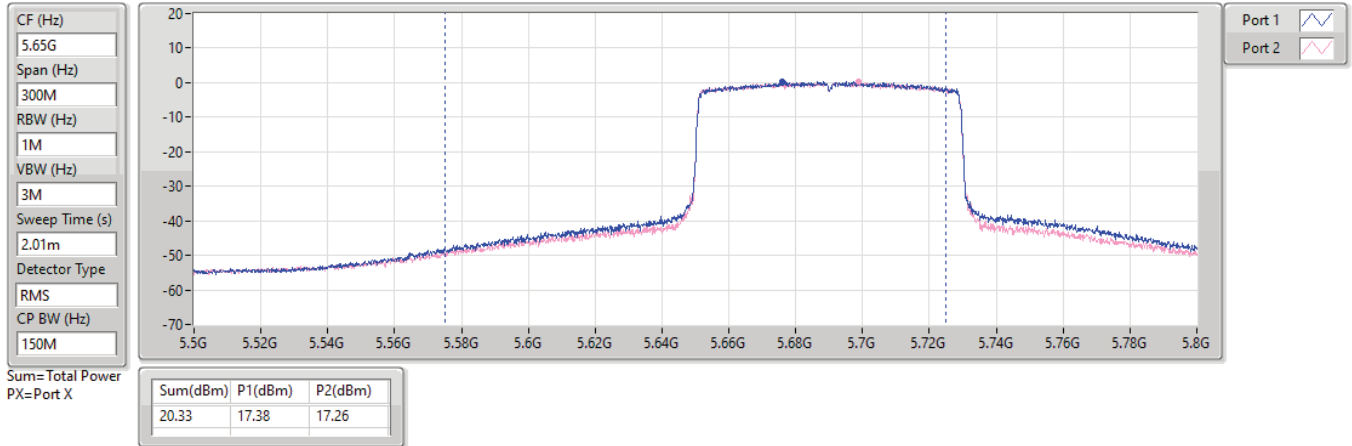


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

15/01/2024

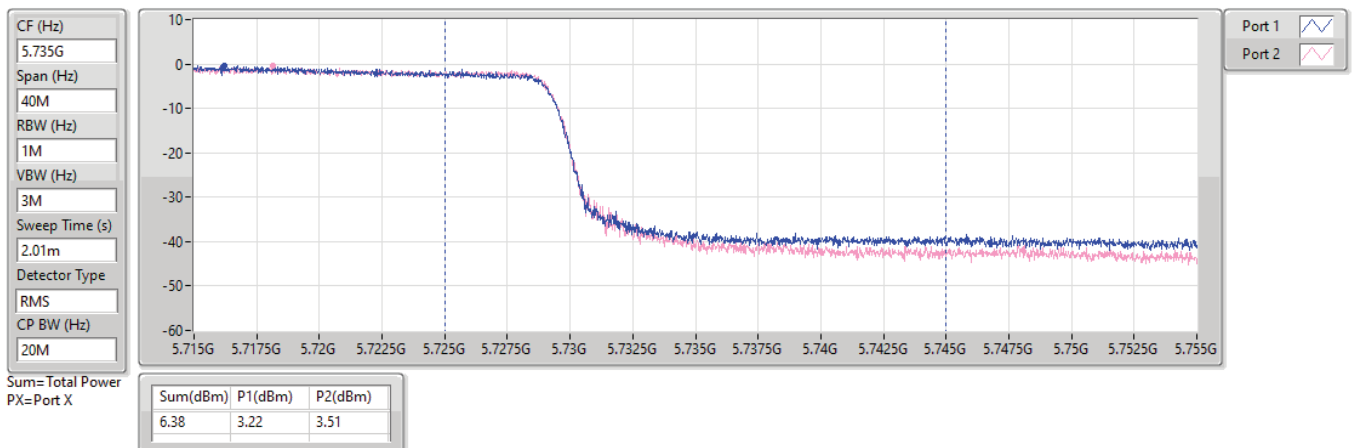


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

15/01/2024



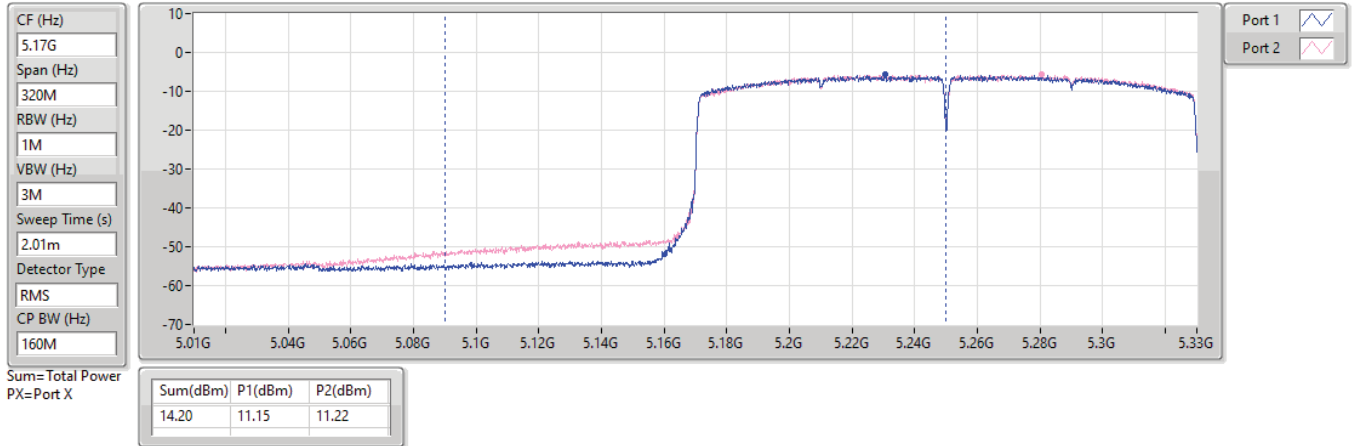


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

15/01/2024

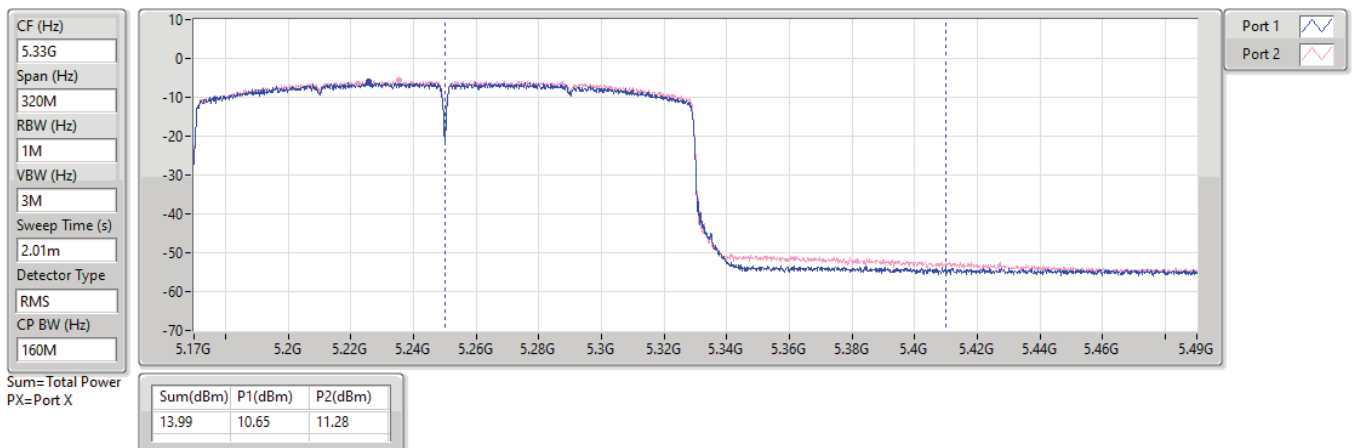


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

15/01/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	14.88	0.03076	20.02	0.10046
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.47	0.14028	26.19	0.41591
802.11be EHT20_Nss1,(MCS0)_4TX	21.64	0.14588	26.36	0.43251
802.11be EHT40_Nss1,(MCS0)_4TX	21.52	0.14191	26.24	0.42073
802.11be EHT80_Nss1,(MCS0)_4TX	19.81	0.09572	24.53	0.28379
802.11be EHT160_Nss1,(MCS0)_4TX	15.11	0.03243	19.83	0.09616
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.38	0.13740	26.63	0.46026
802.11be EHT20_Nss1,(MCS0)_4TX	21.52	0.14191	26.77	0.47534
802.11be EHT40_Nss1,(MCS0)_4TX	21.33	0.13583	26.58	0.45499
802.11be EHT80_Nss1,(MCS0)_4TX	20.43	0.11041	25.68	0.36983
802.11be EHT160_Nss1,(MCS0)_4TX	17.43	0.05534	22.68	0.18535
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	13.63	0.02307	18.64	0.07311
802.11be EHT20_Nss1,(MCS0)_4TX	14.91	0.03097	19.92	0.09817
802.11be EHT40_Nss1,(MCS0)_4TX	10.98	0.01253	15.99	0.03972
802.11be EHT80_Nss1,(MCS0)_4TX	7.64	0.00581	12.65	0.01841



Average Power_Non-Beamforming_Radio 3_Full RU

Appendix B.2

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	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.72	15.33	15.60	15.61	15.12	21.44	23.98	26.16	30.00
5300MHz	Pass	4.72	15.36	15.59	15.50	15.33	21.47	23.98	26.19	30.00
5320MHz	Pass	4.72	15.12	15.16	15.07	15.25	21.17	23.98	25.89	30.00
5500MHz	Pass	5.25	15.23	15.15	14.91	15.24	21.16	23.98	26.41	30.00
5580MHz	Pass	5.25	15.50	15.40	15.47	15.05	21.38	23.98	26.63	30.00
5700MHz	Pass	5.25	15.20	15.13	15.45	14.81	21.17	23.98	26.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.25	13.57	13.47	13.89	13.14	19.55	22.94	24.80	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	7.63	7.60	8.04	7.11	13.63	30.00	18.64	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.72	15.36	15.63	15.74	15.25	21.52	23.98	26.24	30.00
5300MHz	Pass	4.72	15.56	15.69	15.63	15.59	21.64	23.98	26.36	30.00
5320MHz	Pass	4.72	15.33	15.32	15.26	15.47	21.37	23.98	26.09	30.00
5500MHz	Pass	5.25	15.34	15.23	15.28	15.41	21.34	23.98	26.59	30.00
5580MHz	Pass	5.25	15.66	15.49	15.58	15.25	21.52	23.98	26.77	30.00
5700MHz	Pass	5.25	15.33	15.19	15.54	14.95	21.28	23.98	26.53	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.25	13.57	13.49	13.81	13.14	19.53	22.75	24.78	28.75
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	8.90	8.85	9.34	8.42	14.91	30.00	19.92	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	4.72	15.40	15.62	15.75	15.19	21.52	23.98	26.24	30.00
5310MHz	Pass	4.72	14.30	14.17	14.12	14.27	20.24	23.98	24.96	30.00
5510MHz	Pass	5.25	9.75	9.43	9.41	9.52	15.55	23.98	20.80	30.00
5550MHz	Pass	5.25	15.32	15.45	15.24	15.22	21.33	23.98	26.58	30.00
5670MHz	Pass	5.25	10.82	10.18	10.44	10.07	16.41	23.98	21.66	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.25	14.52	14.38	14.77	13.87	20.42	23.98	25.67	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	5.08	5.17	5.14	4.39	10.98	30.00	15.99	36.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	13.90	13.81	13.78	13.68	19.81	23.98	24.53	30.00
5530MHz	Pass	5.25	9.54	9.60	9.46	9.66	15.59	23.98	20.84	30.00
5610MHz	Pass	5.25	14.46	14.41	14.33	13.74	20.27	23.98	25.52	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	14.56	14.25	14.66	14.15	20.43	23.98	25.68	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.63	1.92	1.74	1.16	7.64	30.00	12.65	36.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.75	9.11	9.16	8.37	14.88	30.00	20.02	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	9.18	9.15	8.91	9.11	15.11	23.98	19.83	30.00
5570MHz	Pass	5.25	11.52	11.18	11.53	11.40	17.43	23.98	22.68	30.00

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

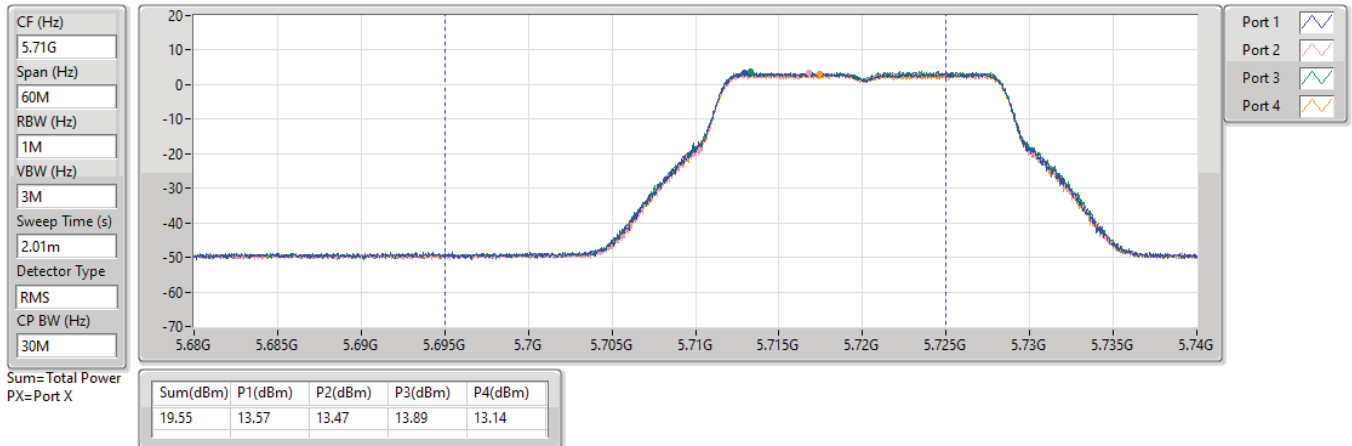


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

17/01/2024

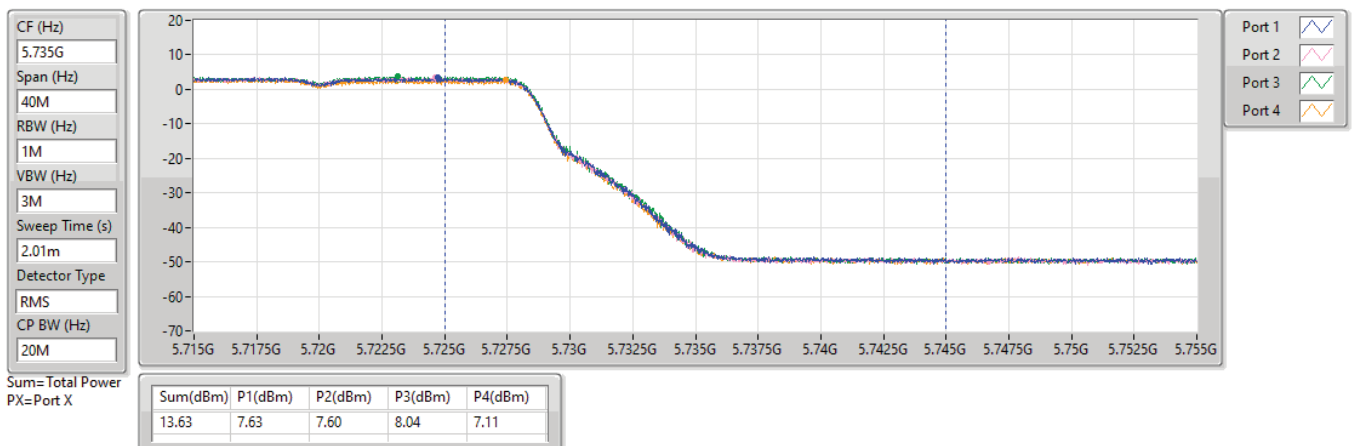


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/01/2024



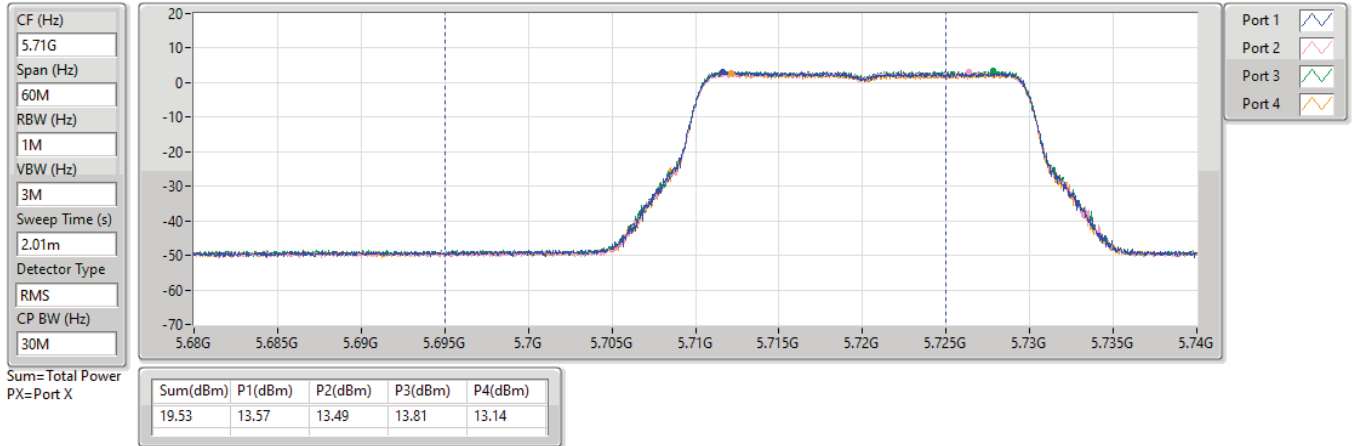


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

17/01/2024

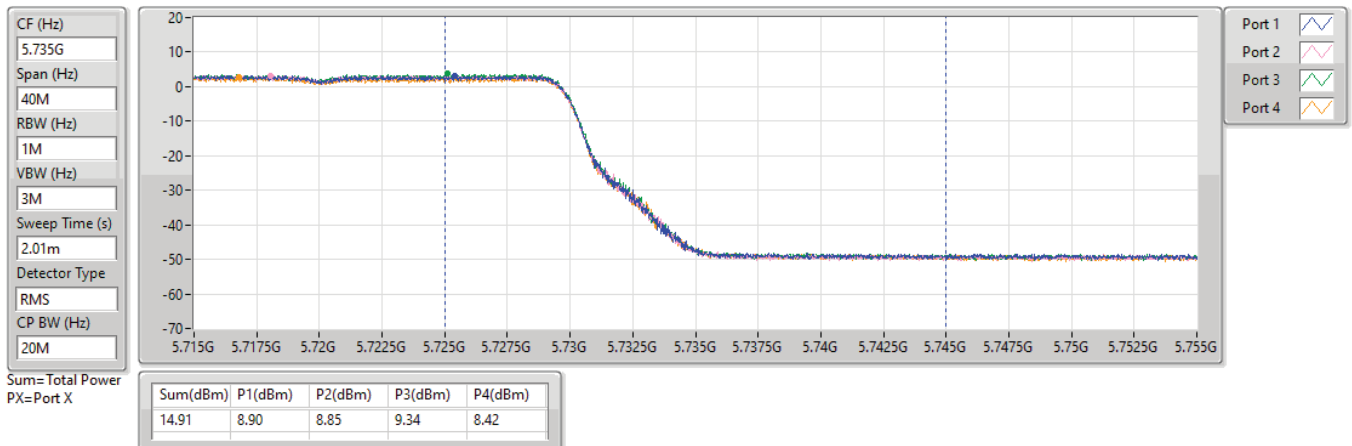


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/01/2024



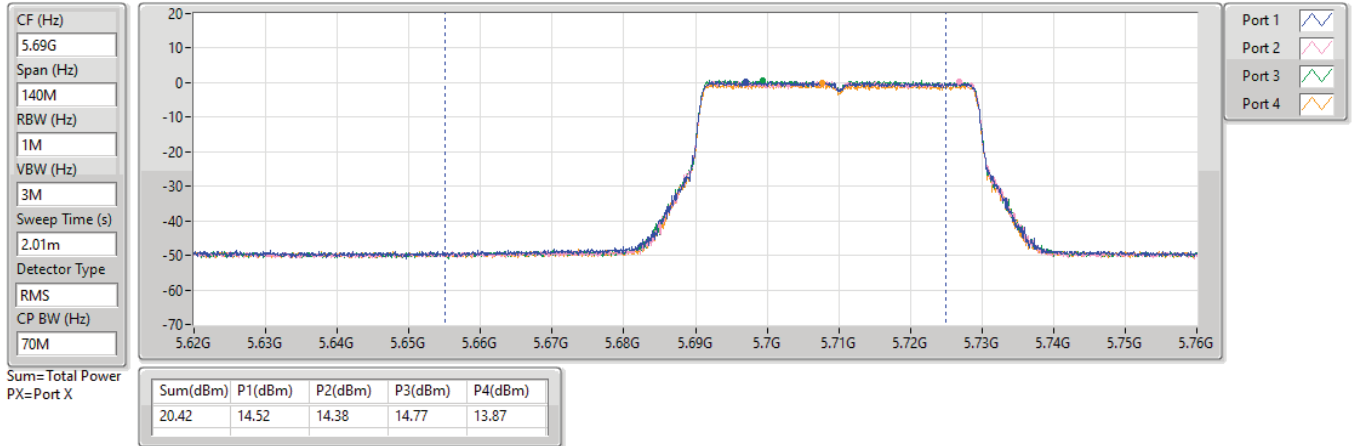


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

17/01/2024

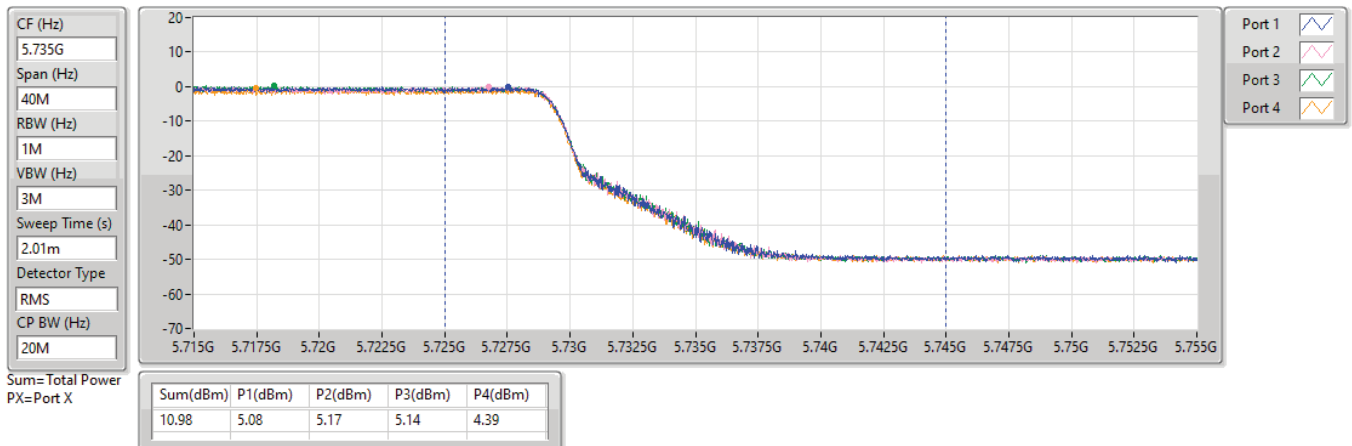


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

17/01/2024



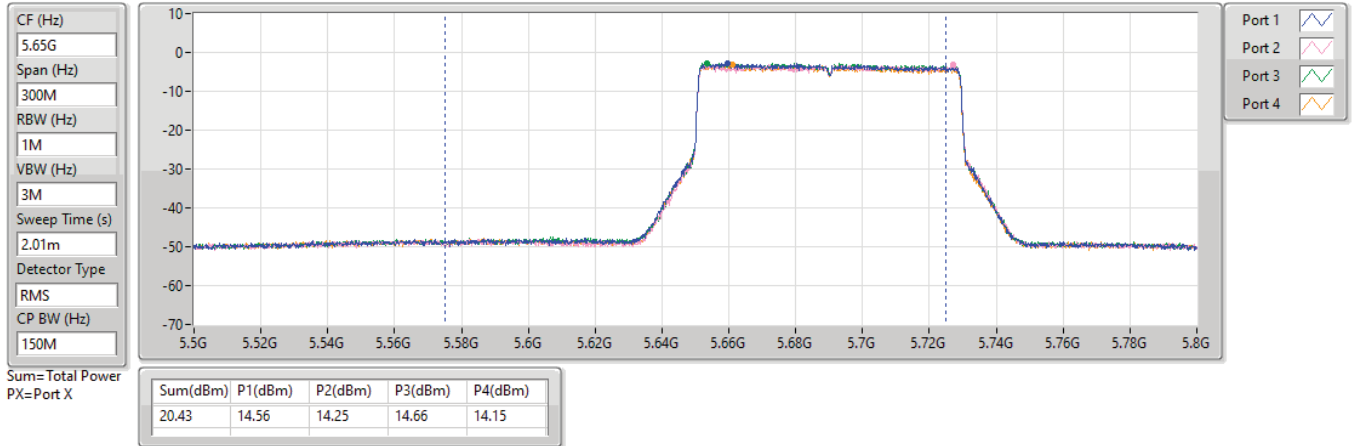


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

17/01/2024

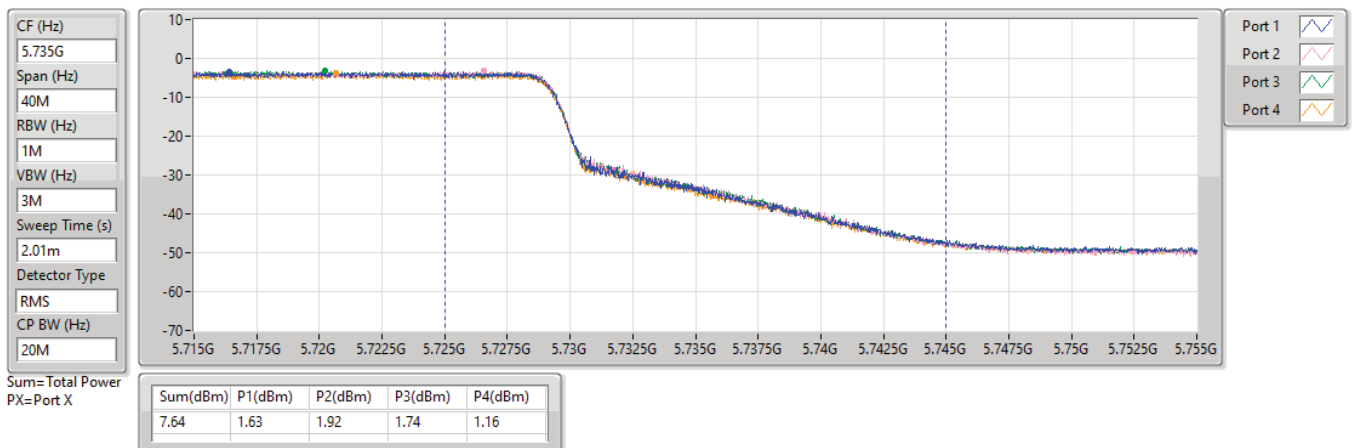


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

17/01/2024



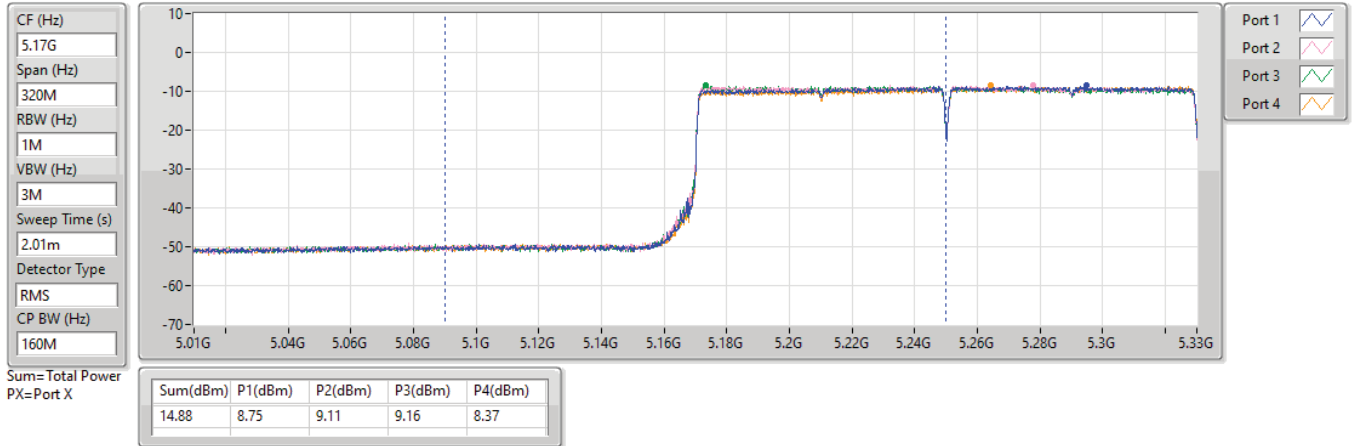


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

16/01/2024

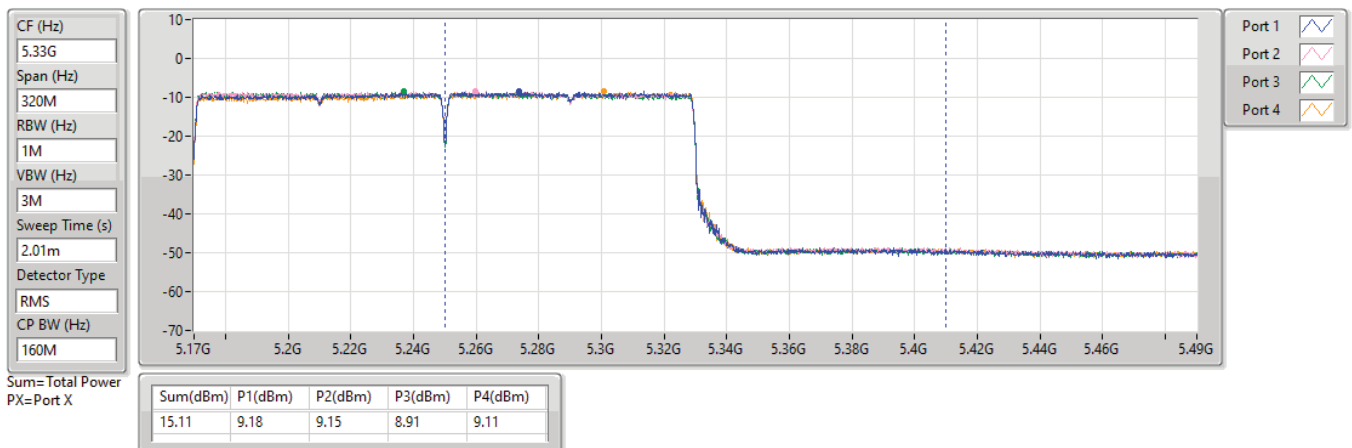


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

16/01/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	13.08	0.02032	18.22	0.06637
802.11be EHT160_Nss1,(MCS4)_4TX	13.33	0.02153	18.47	0.07031
5.25-5.35GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	16.70	0.04677	21.42	0.13868
802.11be EHT80_Nss1,(MCS4)_4TX	16.76	0.04742	21.48	0.14060
802.11be EHT160_Nss1,(MCS0)_4TX	14.79	0.03013	19.51	0.08933
802.11be EHT160_Nss1,(MCS4)_4TX	14.30	0.02692	19.02	0.07980
5.47-5.725GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	18.44	0.06982	23.69	0.23388
802.11be EHT80_Nss1,(MCS4)_4TX	18.62	0.07278	23.87	0.24378
802.11be EHT160_Nss1,(MCS0)_4TX	14.60	0.02884	19.85	0.09661
802.11be EHT160_Nss1,(MCS4)_4TX	14.03	0.02529	19.28	0.08472
5.725-5.85GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	7.07	0.00509	12.08	0.01614
802.11be EHT80_Nss1,(MCS4)_4TX	7.15	0.00519	12.16	0.01644



Average Power_Non-Beamforming_Radio 3_Multi-RU

Appendix B.3

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	10.68	10.91	10.66	10.47	16.70	23.98	21.42	30.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	10.63	10.95	10.72	10.65	16.76	23.98	21.48	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	8.65	8.9	8.89	8.57	14.78	23.98	19.50	30.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	8.46	8.75	8.69	8.38	14.59	23.98	19.31	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	5.97	5.99	5.95	6.13	12.03	23.98	17.28	30.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	5.95	5.95	5.81	5.99	11.95	23.98	17.20	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	4.36	4.47	4.23	4.57	10.43	23.98	15.68	30.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	4.14	4.31	4.13	4.36	10.26	23.98	15.51	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	10.92	11.08	11.07	10.62	16.95	23.98	22.20	30.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	10.83	10.98	11.01	10.67	16.90	23.98	22.15	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	9.33	9.64	9.64	9.14	15.46	23.98	20.71	30.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	8.79	8.82	8.97	8.63	14.82	23.98	20.07	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.71	12.37	12.42	12.16	18.44	23.98	23.69	30.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	13.08	12.43	12.42	12.45	18.62	23.98	23.87	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	10.35	10.31	10.43	9.97	16.29	23.98	21.54	30.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	10.33	10.07	10.39	9.69	16.15	23.98	21.40	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.18	1.3	0.97	0.73	7.07	30.00	12.08	36.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.11	1.39	1.21	0.77	7.15	30.00	12.16	36.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.68	1.04	0.94	0.22	6.75	30.00	11.76	36.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.46	0.7	0.95	0.23	6.61	30.00	11.62	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	5.33	5.66	6.01	4.93	11.52	30.00	16.66	36.00
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	4.72	5.50	5.68	4.58	11.17	30.00	16.31	36.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	6.87	7.21	7.65	6.43	13.08	30.00	18.22	36.00
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	6.92	7.51	7.84	6.88	13.33	30.00	18.47	36.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	4.89	5.24	6.24	4.86	11.37	30.00	16.51	36.00
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	4.62	4.98	5.51	4.61	10.97	30.00	16.11	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.88	8.58	8.78	8.82	14.79	23.98	19.51	30.00
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 3_Multi-RU

Appendix B.3

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)
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.45	8.11	8.19	8.36	14.30	23.98	19.02	30.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	5.76	5.43	5.74	5.58	11.65	23.98	16.37	30.00
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	5.89	5.59	5.35	5.65	11.64	23.98	16.36	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	5.61	5.20	5.51	5.89	11.58	23.98	16.30	30.00
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	5.45	4.85	5.56	5.98	11.50	23.98	16.22	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	8.49	8.46	8.74	8.64	14.60	23.98	19.85	30.00
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	7.83	7.88	8.14	8.18	14.03	23.98	19.28	30.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	7.32	7.02	7.52	7.69	13.42	23.98	18.67	30.00
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	7.68	7.65	7.85	8.01	13.82	23.98	19.07	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	6.49	6.38	6.63	6.96	12.64	23.98	17.89	30.00
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	6.47	6.29	6.52	6.82	12.55	23.98	17.80	30.00

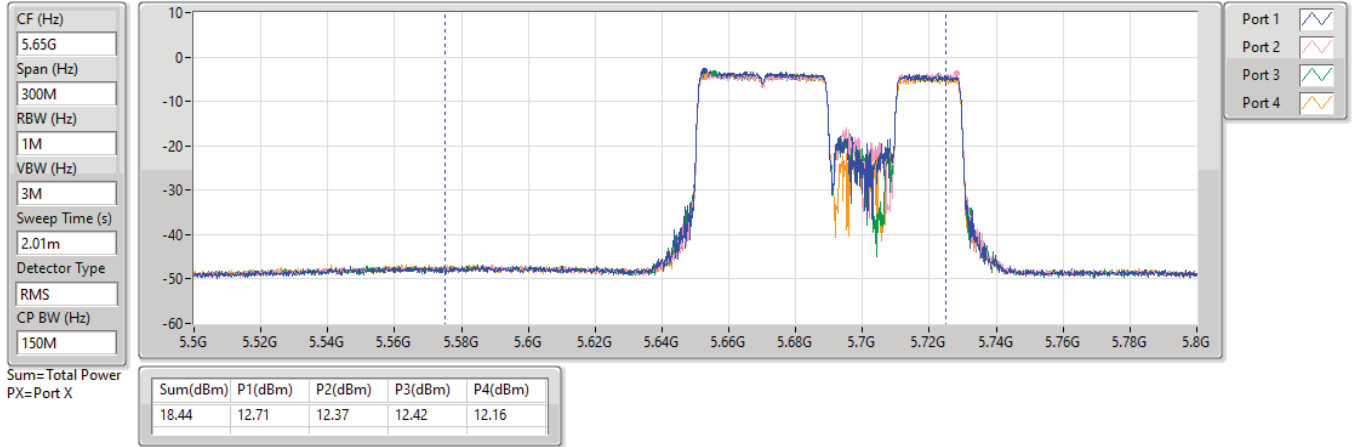
DG = Directional Gain; Port X = Port X output power

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

24/01/2024

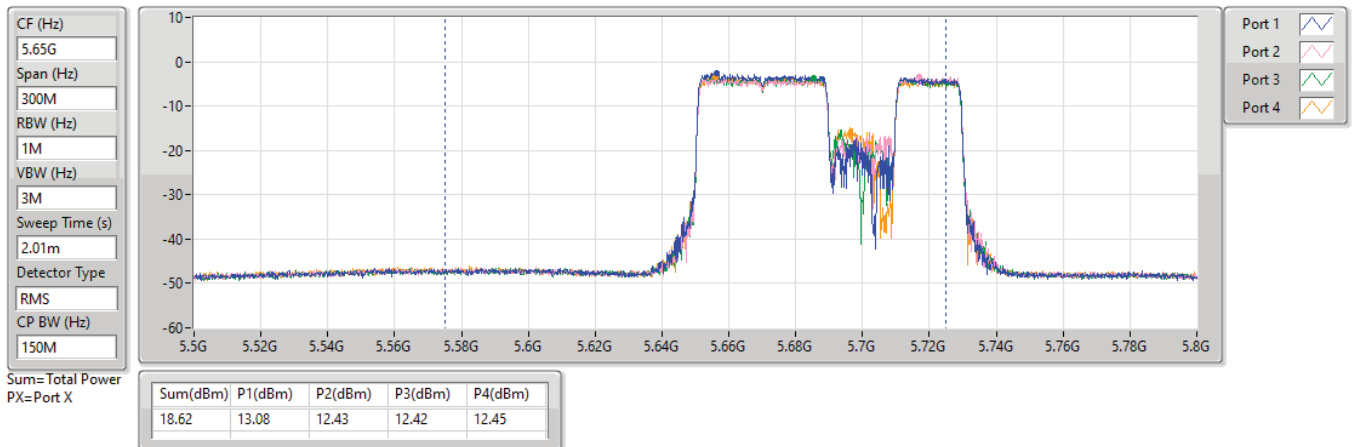


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

24/01/2024

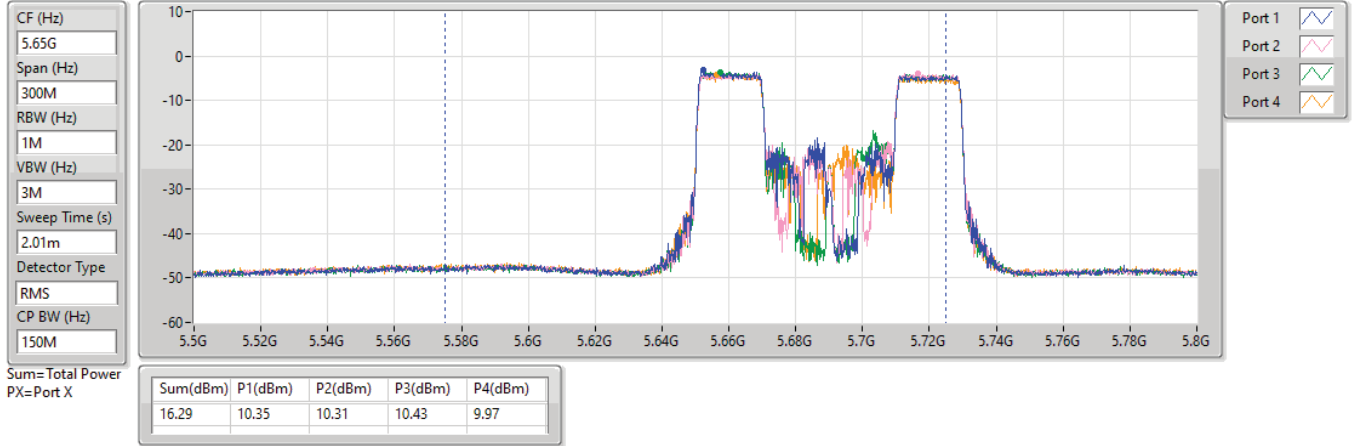


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

24/01/2024

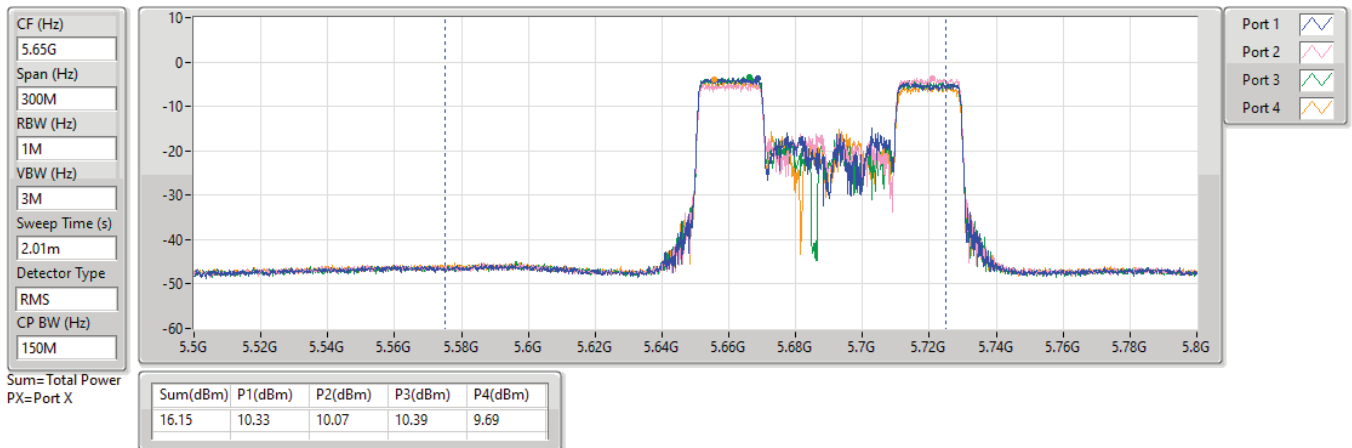


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

24/01/2024



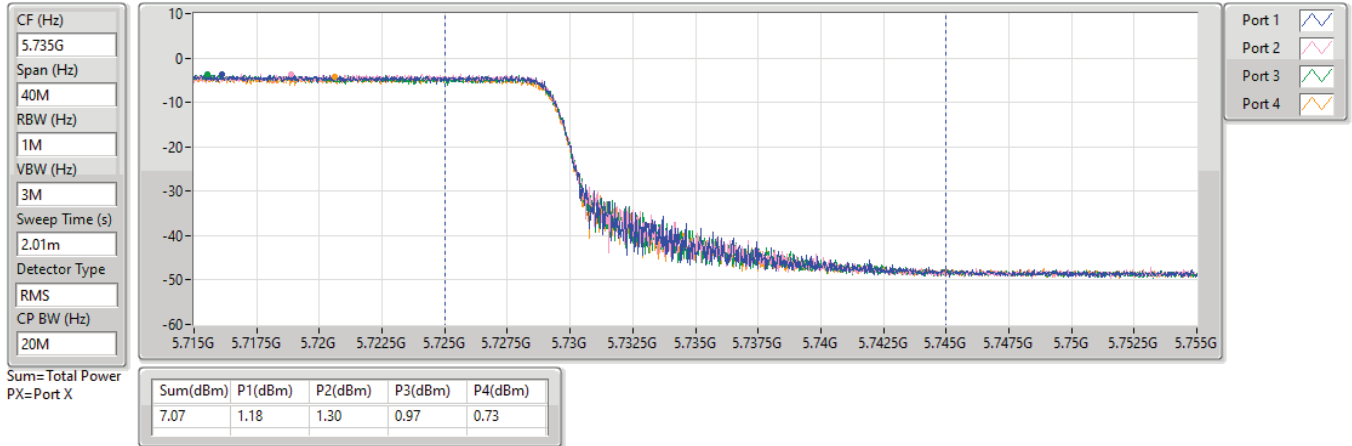


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

24/01/2024

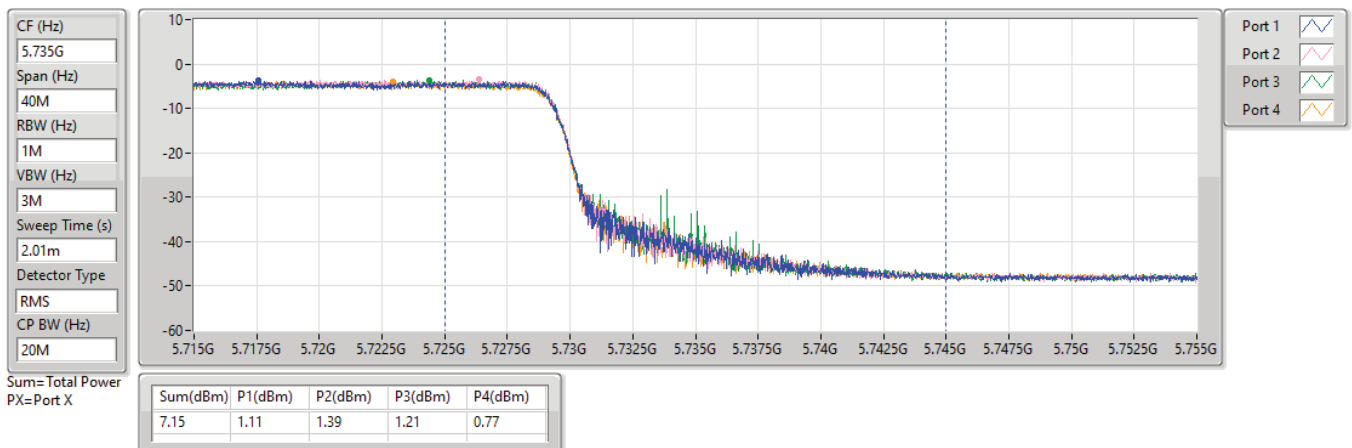


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

24/01/2024



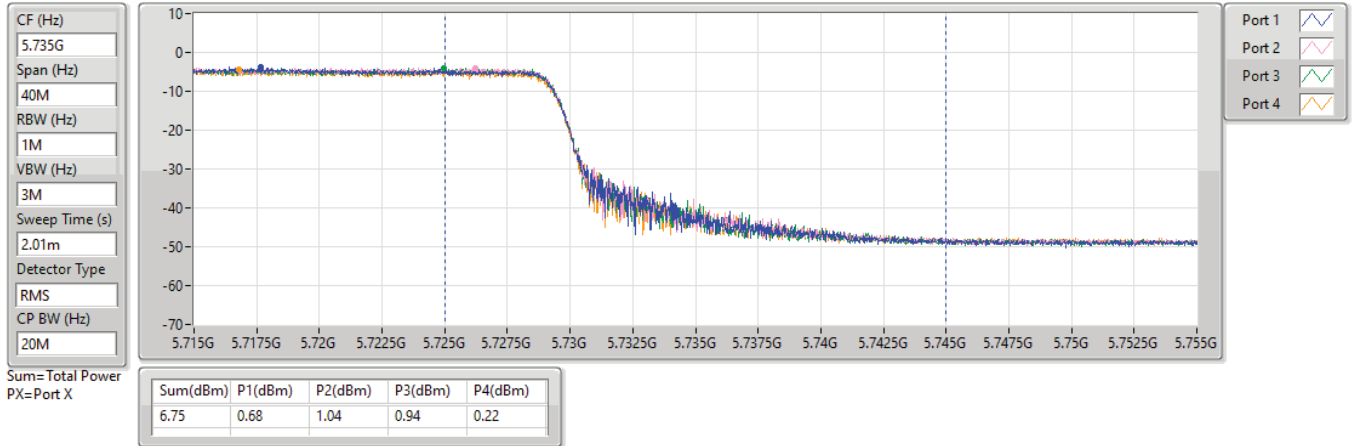


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

24/01/2024

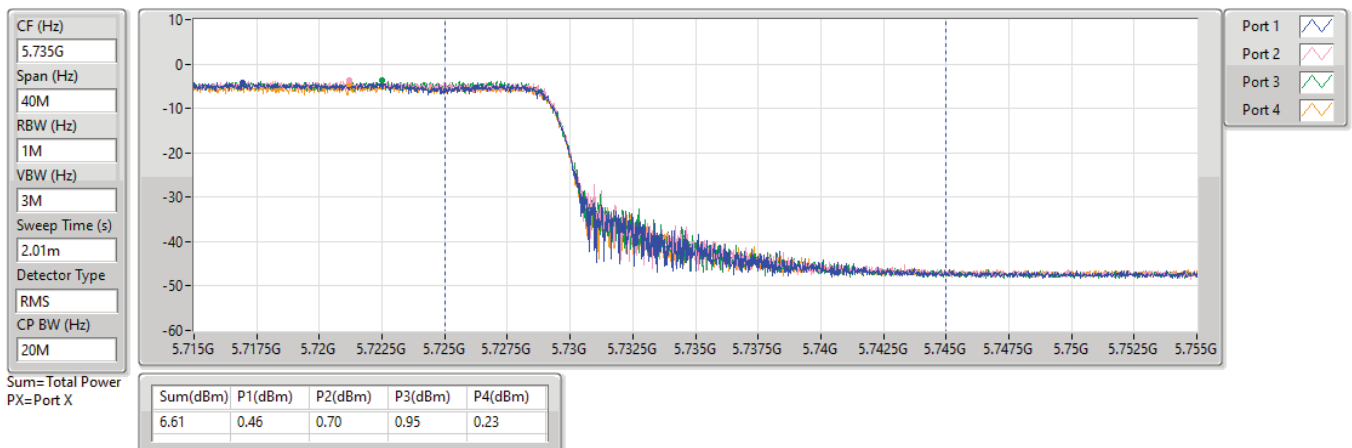


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

24/01/2024

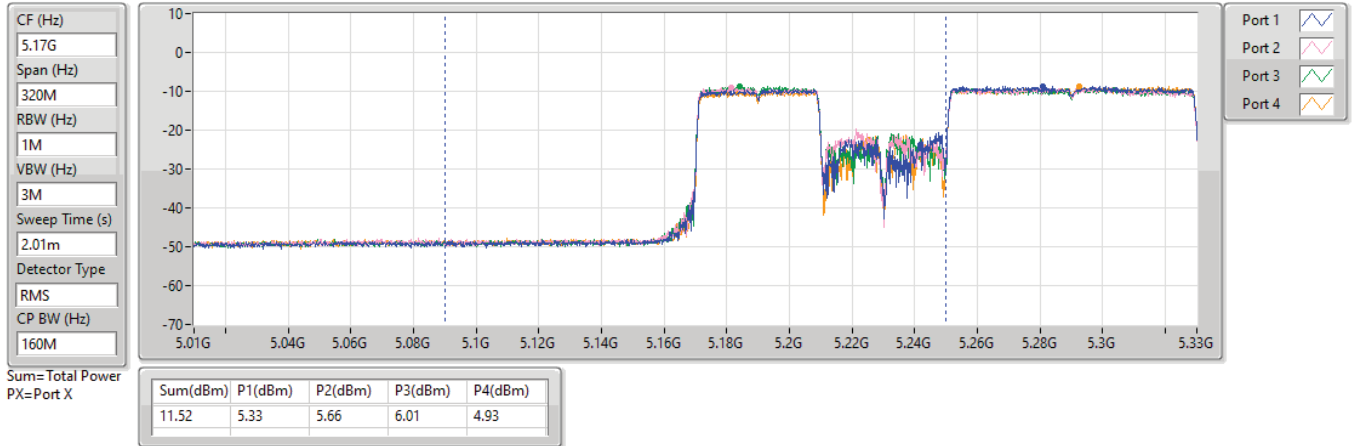


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

24/01/2024



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

24/01/2024



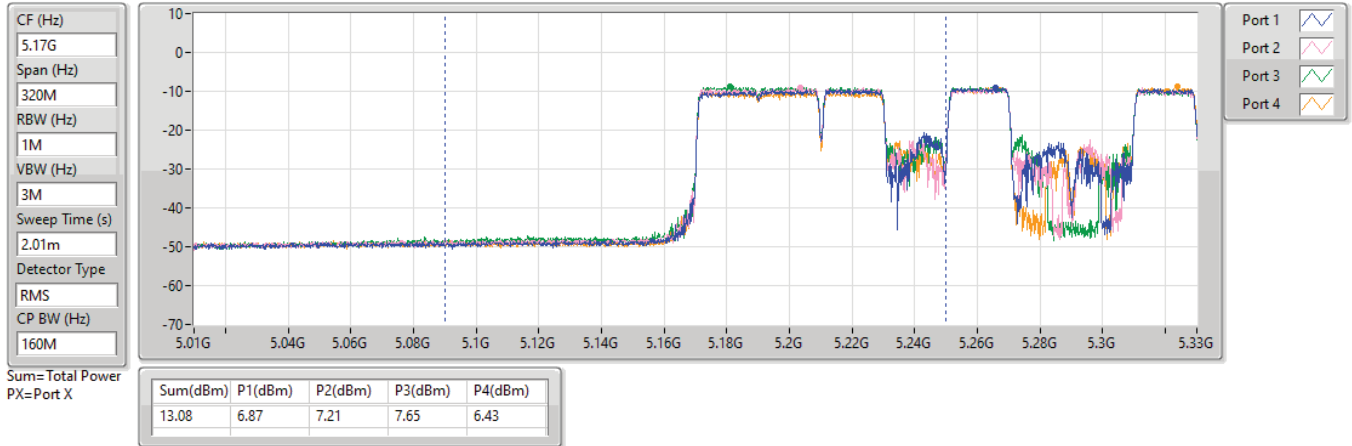


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

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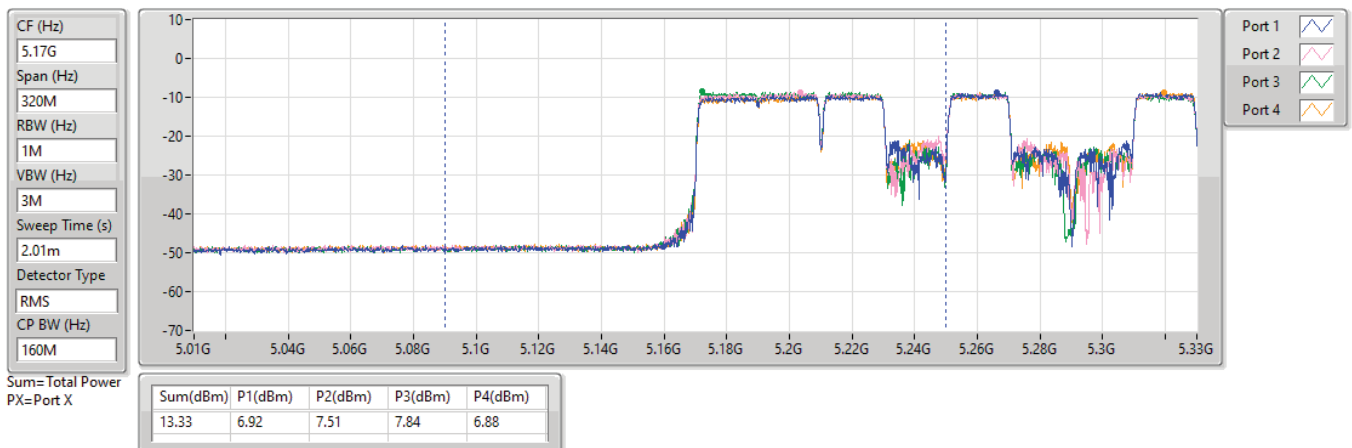


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

24/01/2024





5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

24/01/2024

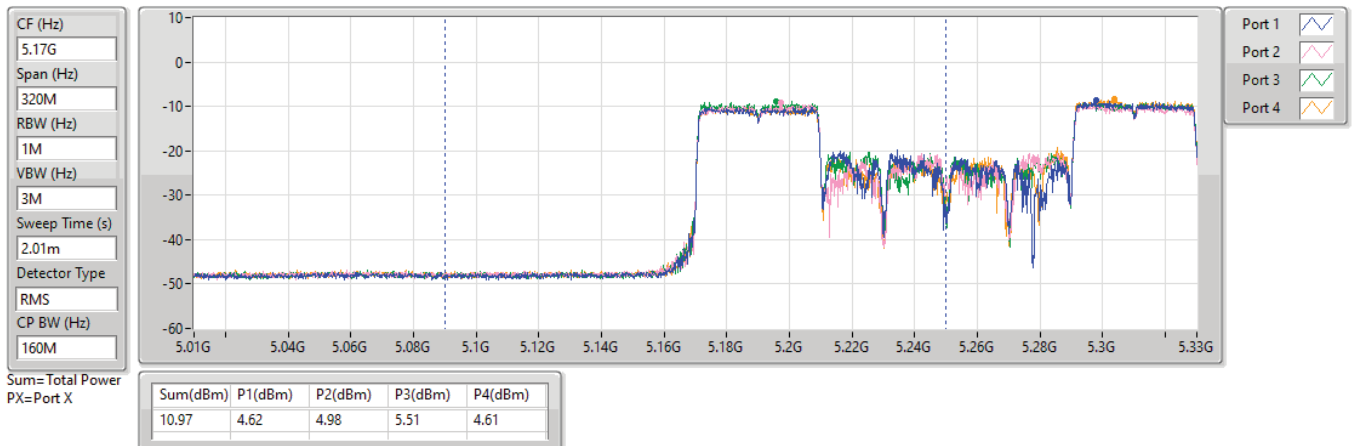


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

24/01/2024



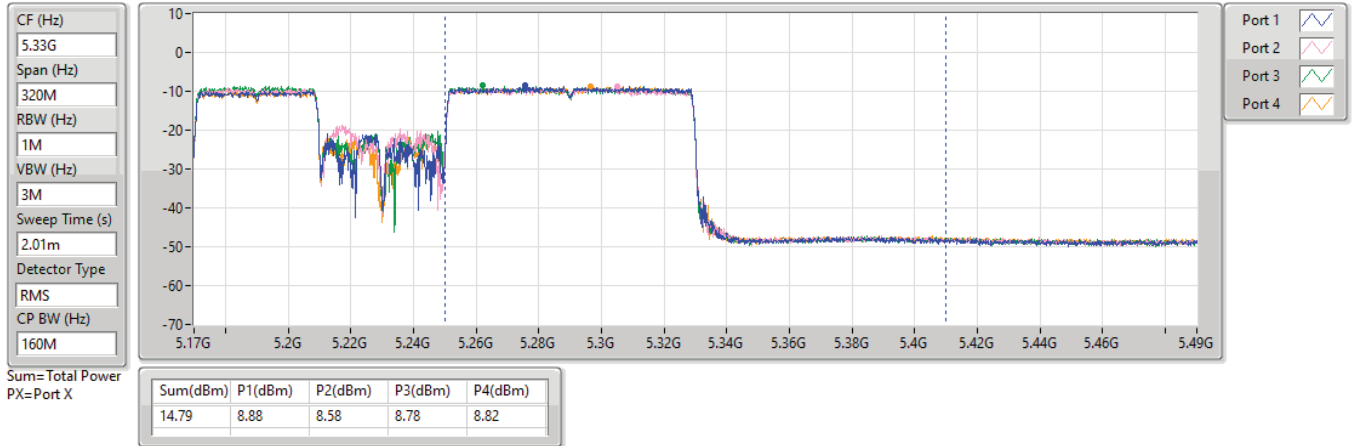


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

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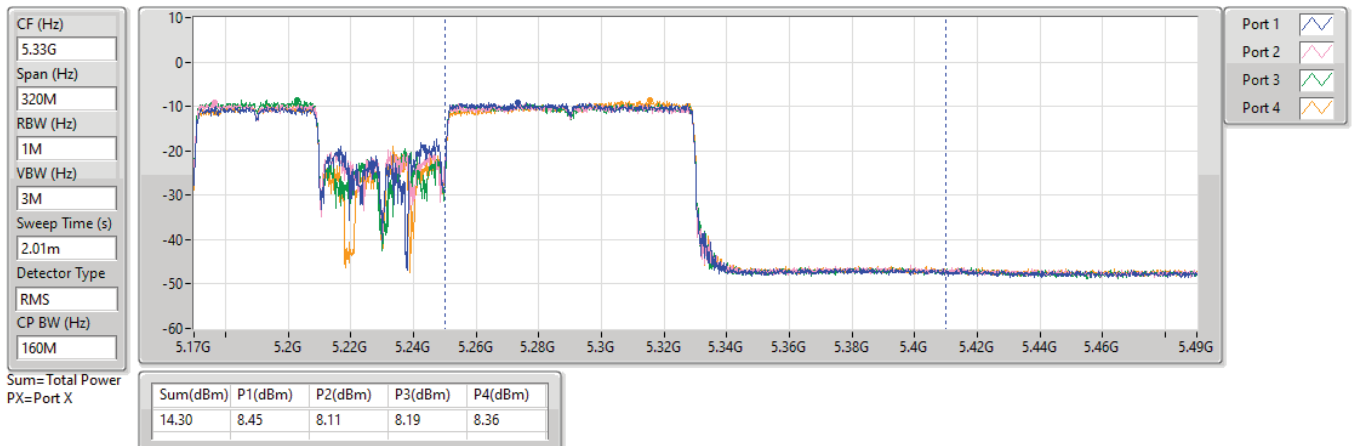


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

24/01/2024



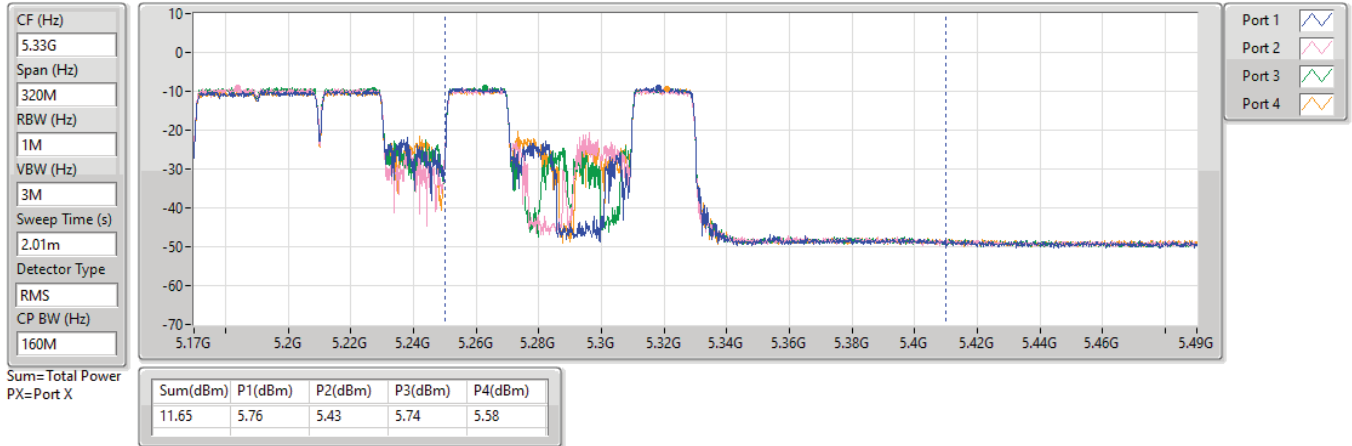


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

24/01/2024

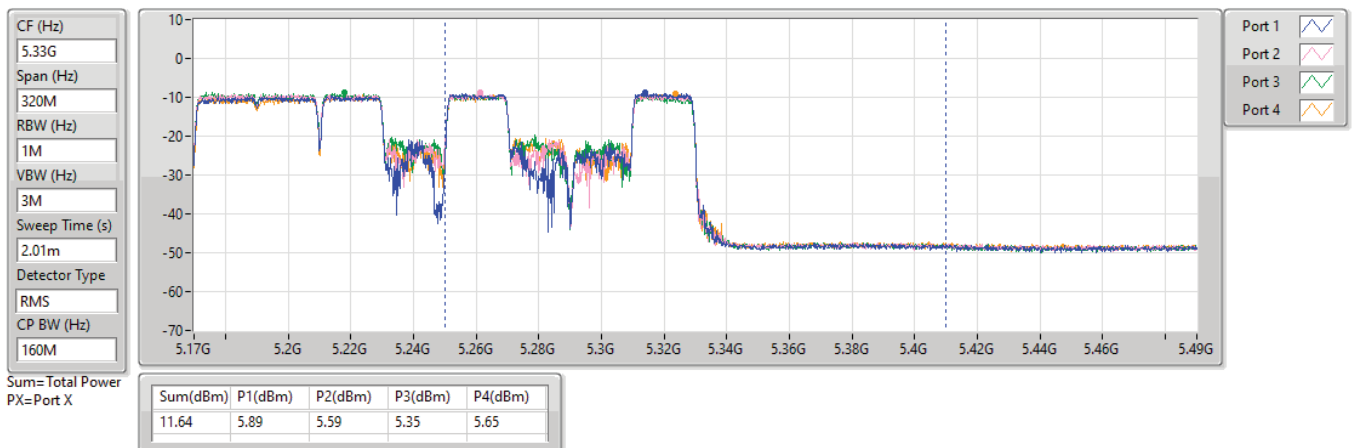


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

24/01/2024



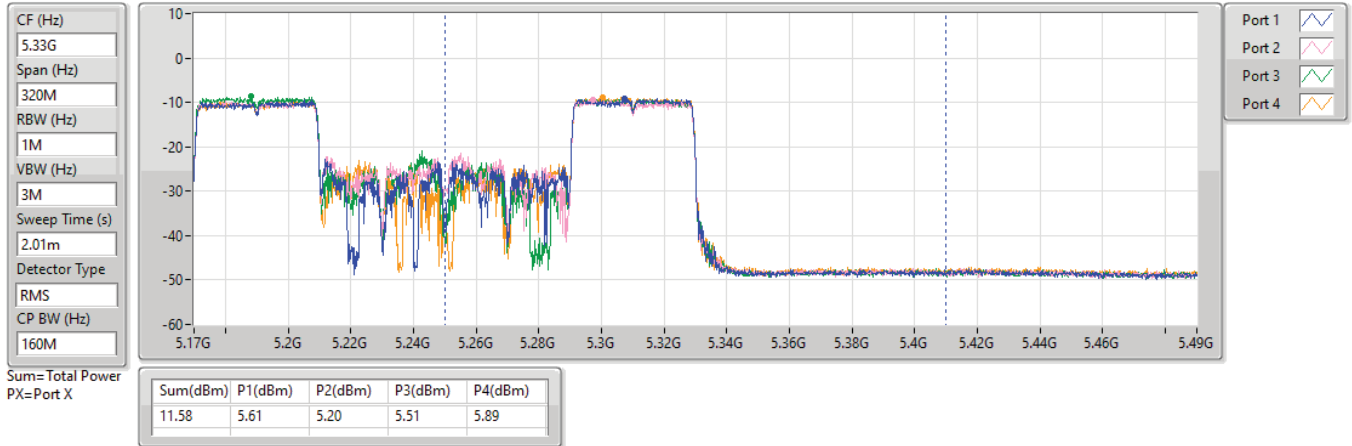


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

24/01/2024

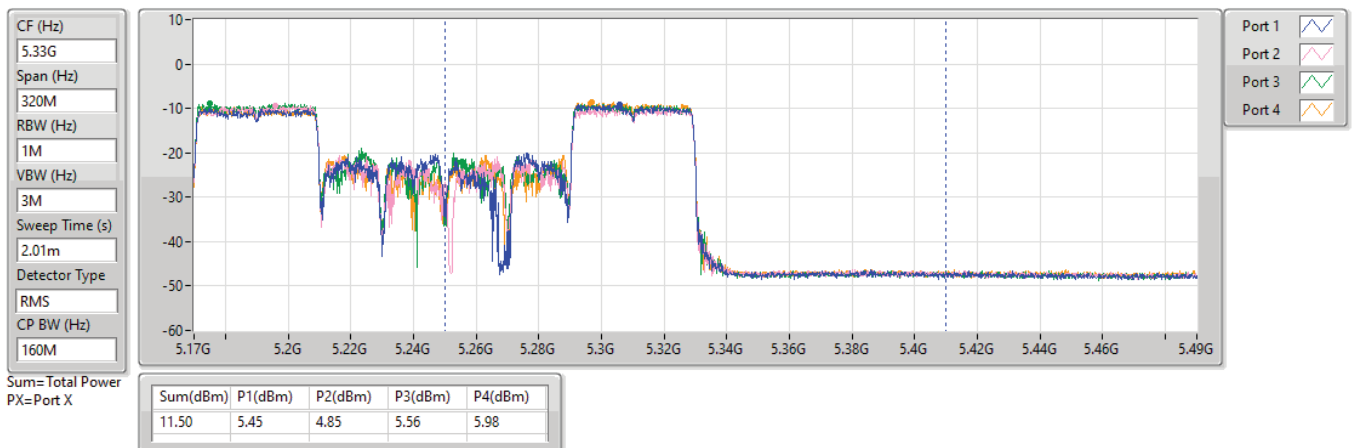


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

24/01/2024





Average Power_Non-Beamforming_Radio 3_Channel Puncturing Appendix B.4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	14.83	0.03041	19.97	0.09931
5.25-5.35GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	17.84	0.06081	22.56	0.18030
802.11be EHT160_Nss1,(MCS0)_4TX	15.02	0.03177	19.74	0.09419
5.47-5.725GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	18.84	0.07656	24.09	0.25645
802.11be EHT160_Nss1,(MCS0)_4TX	15.87	0.03864	21.12	0.12942
5.725-5.85GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	7.13	0.00516	12.14	0.01637



Average Power Non-Beamforming Radio 3 Channel Puncturing Appendix B.4

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	11.94	11.79	11.83	11.71	17.84	23.98	22.56	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	11.93	11.75	11.80	11.62	17.80	23.98	22.52	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	11.86	11.68	11.75	11.44	17.71	23.98	22.43	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	11.84	11.68	11.81	11.54	17.74	23.98	22.46	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	7.04	6.96	6.95	7.34	13.10	23.98	18.35	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	7.10	6.87	7.02	7.40	13.12	23.98	18.37	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	7.00	6.85	6.96	7.41	13.08	23.98	18.33	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	6.96	6.88	7.08	7.38	13.10	23.98	18.35	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.20	11.99	12.03	11.52	17.96	23.98	23.21	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.14	11.91	12.11	11.48	17.94	23.98	23.19	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.02	11.98	12.13	11.46	17.93	23.98	23.18	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.15	11.98	12.13	11.12	17.89	23.98	23.14	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.84	12.24	12.19	12.06	18.36	23.98	23.61	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.78	12.23	12.28	12.09	18.37	23.98	23.62	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.98	12.51	12.33	12.12	18.52	23.98	23.77	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	13.36	12.76	12.69	12.42	18.84	23.98	24.09	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.51	1.22	1.04	0.63	7.13	30.00	12.14	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.24	1.15	0.90	0.42	6.96	30.00	11.97	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.18	1.26	1.00	0.38	6.99	30.00	12.00	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-35.25	-35.17	-35.28	-35.48	-29.27	30.00	-24.26	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	7.21	7.49	7.64	6.62	13.28	30.00	18.42	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	7.16	7.51	7.67	6.49	13.25	30.00	18.39	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	7.12	7.42	7.74	6.50	13.24	30.00	18.38	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	7.07	7.39	7.72	6.50	13.21	30.00	18.35	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.57	8.73	9.01	7.96	14.60	30.00	19.74	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.48	8.73	8.99	7.97	14.58	30.00	19.72	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.52	8.76	8.94	7.96	14.58	30.00	19.72	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-



Average Power Non-Beamforming Radio 3 Channel Puncturing Appendix B.4

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)
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.46	8.65	8.97	7.95	14.54	30.00	19.68	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	5.77	5.98	5.96	5.02	11.72	30.00	16.86	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	5.31	5.97	6.15	4.76	11.60	30.00	16.74	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.69	8.99	9.27	8.21	14.83	30.00	19.97	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.72	8.79	9.02	8.27	14.73	30.00	19.87	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.92	8.90	8.77	8.54	14.81	23.98	19.53	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.95	8.68	8.71	8.59	14.76	23.98	19.48	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	9.09	8.79	8.21	8.58	14.70	23.98	19.42	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	9.01	8.88	8.70	8.58	14.82	23.98	19.54	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	7.64	7.27	7.23	7.47	13.43	23.98	18.15	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	7.57	7.19	7.21	7.31	13.34	23.98	18.06	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	7.62	7.41	7.29	7.24	13.41	23.98	18.13	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	7.45	7.16	7.48	7.34	13.38	23.98	18.10	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	9.11	9.07	9.01	8.63	14.98	23.98	19.70	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	9.15	9.02	9.02	8.79	15.02	23.98	19.74	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	6.13	5.57	5.60	5.88	11.82	23.98	16.54	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	6.15	5.72	5.60	5.75	11.83	23.98	16.55	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.04	9.73	9.87	9.67	15.85	23.98	21.10	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.97	9.71	9.91	9.66	15.84	23.98	21.09	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.99	9.59	9.93	9.67	15.82	23.98	21.07	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.98	9.58	9.87	9.70	15.81	23.98	21.06	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.01	9.65	9.99	9.73	15.87	23.98	21.12	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.05	9.63	10.00	9.73	15.64	23.98	20.89	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.96	9.65	10.02	9.73	15.86	23.98	21.11	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.86	9.72	9.93	9.65	15.81	23.98	21.06	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.03	8.55	8.96	8.65	14.82	23.98	20.07	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	8.88	8.71	9.00	8.73	14.85	23.98	20.10	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	8.77	8.60	9.08	8.67	14.80	23.98	20.05	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 3_Channel Puncturing Appendix B.4

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)
5570MHz	Pass	5.25	8.89	8.70	8.95	8.65	14.82	23.98	20.07	30.00

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

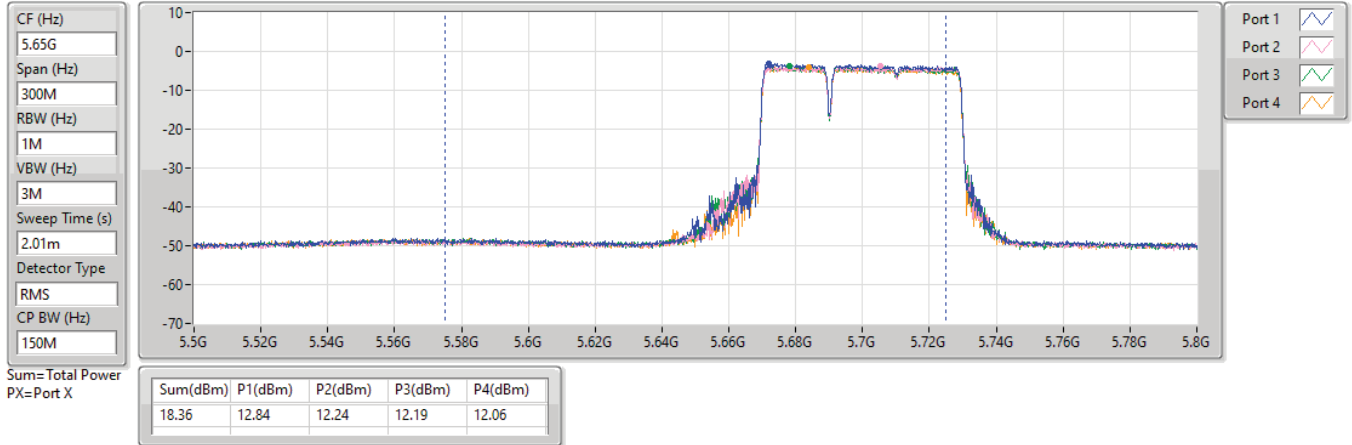


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

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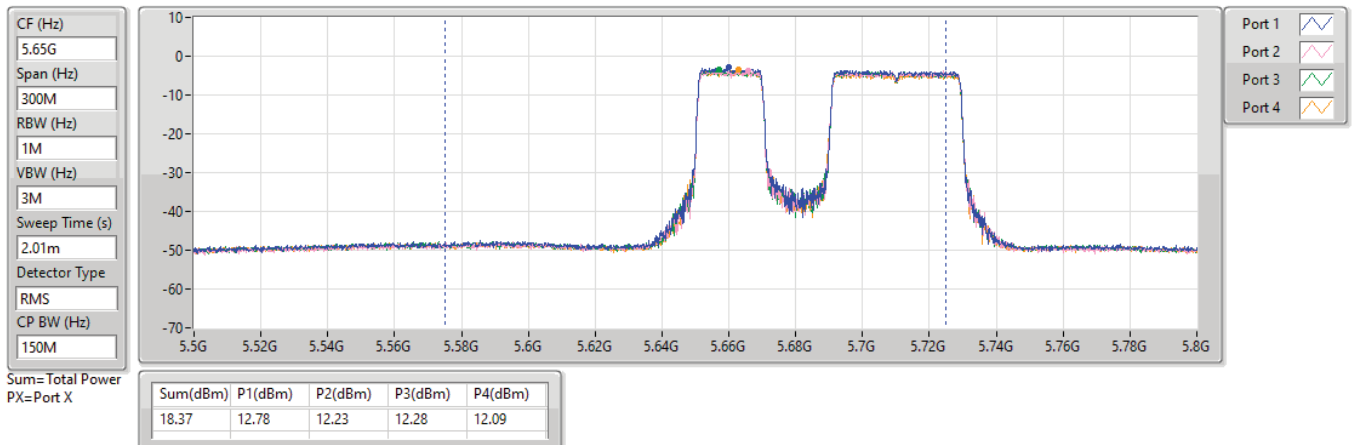


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

23/01/2024



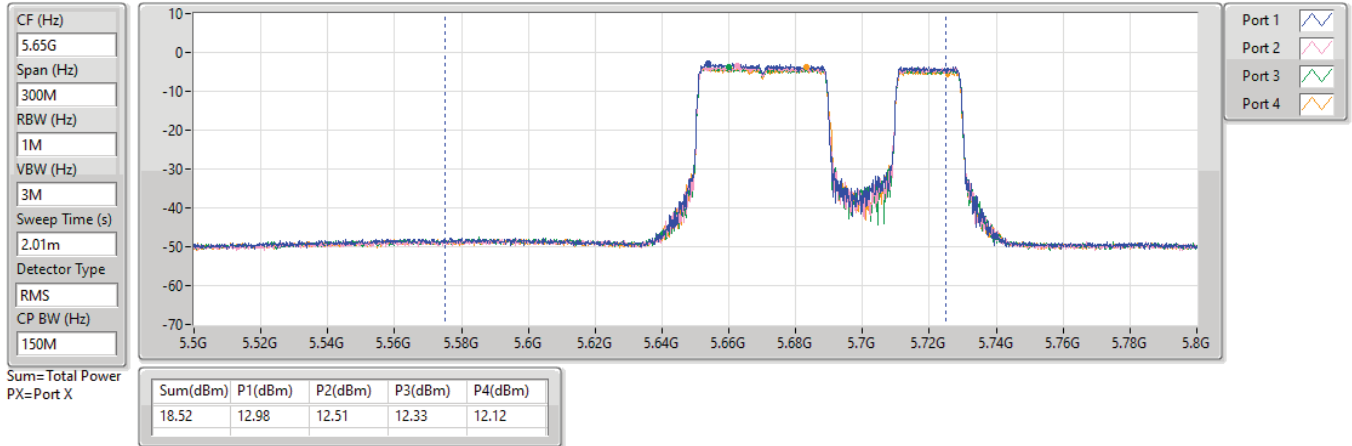


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

23/01/2024

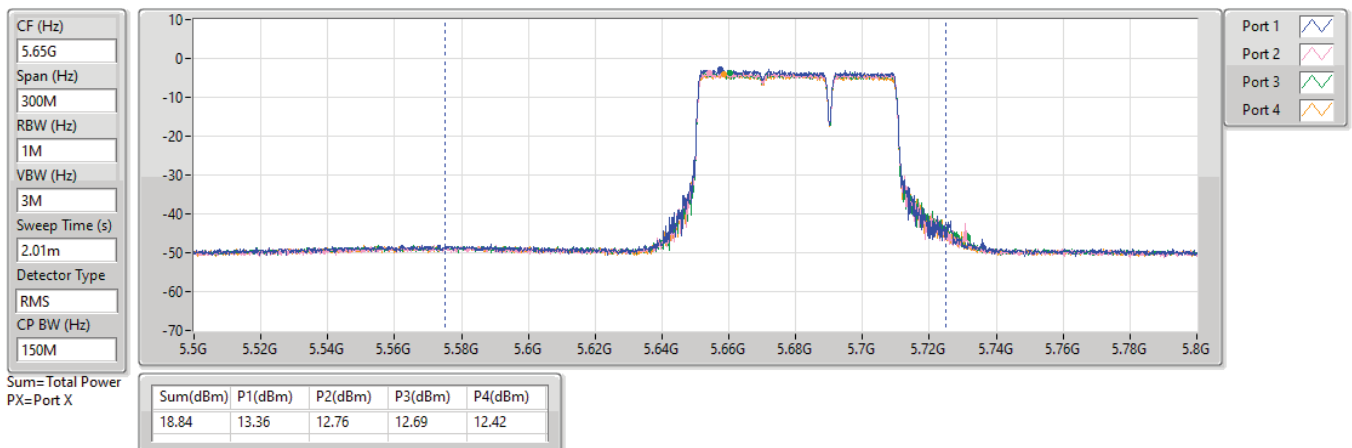


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AV Power

5690MHz Straddle 5.47-5.725GHz_TX

23/01/2024



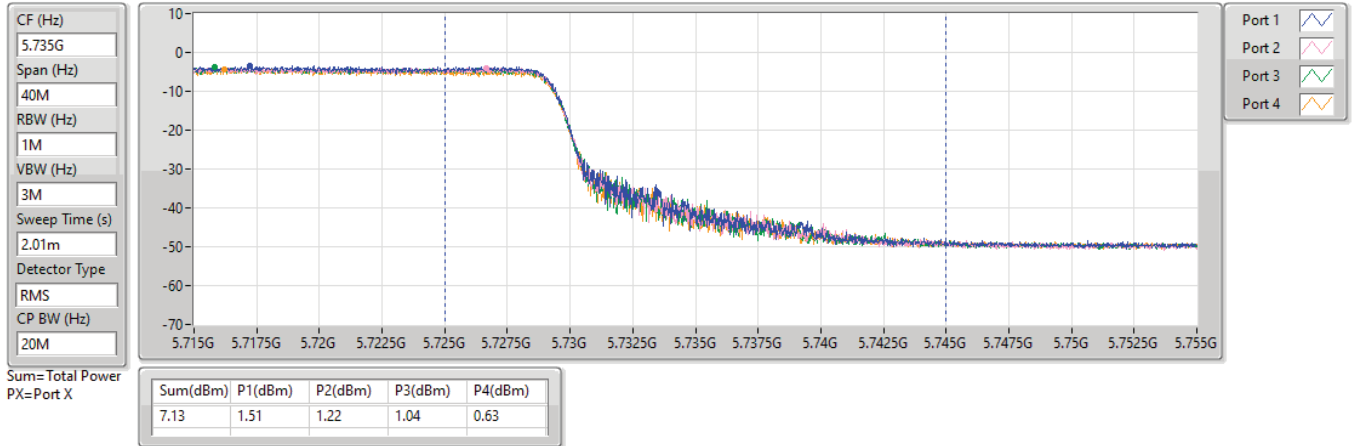


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

23/01/2024

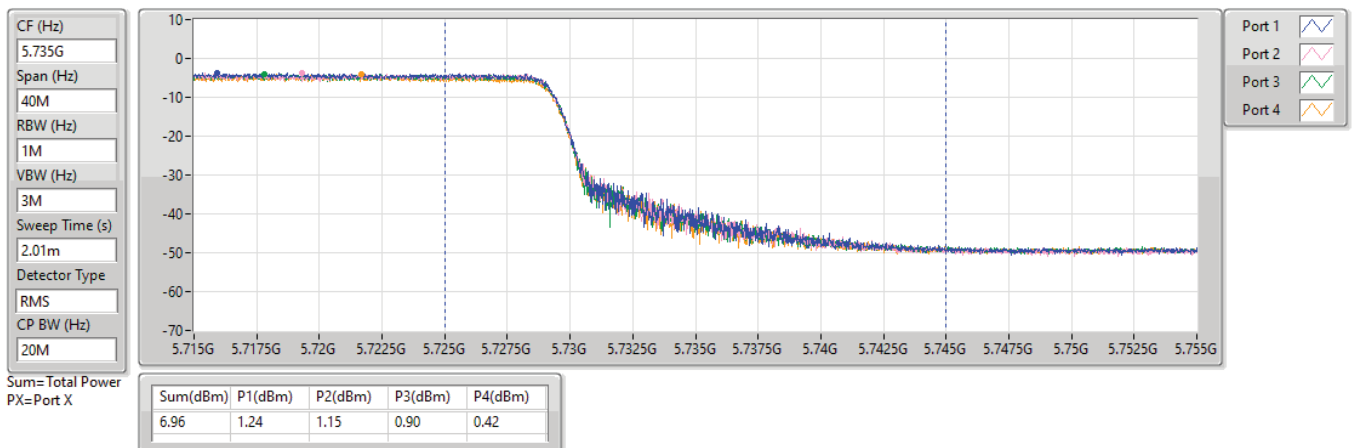


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AV Power

5690MHz Straddle 5.725-5.85GHz_TX

23/01/2024



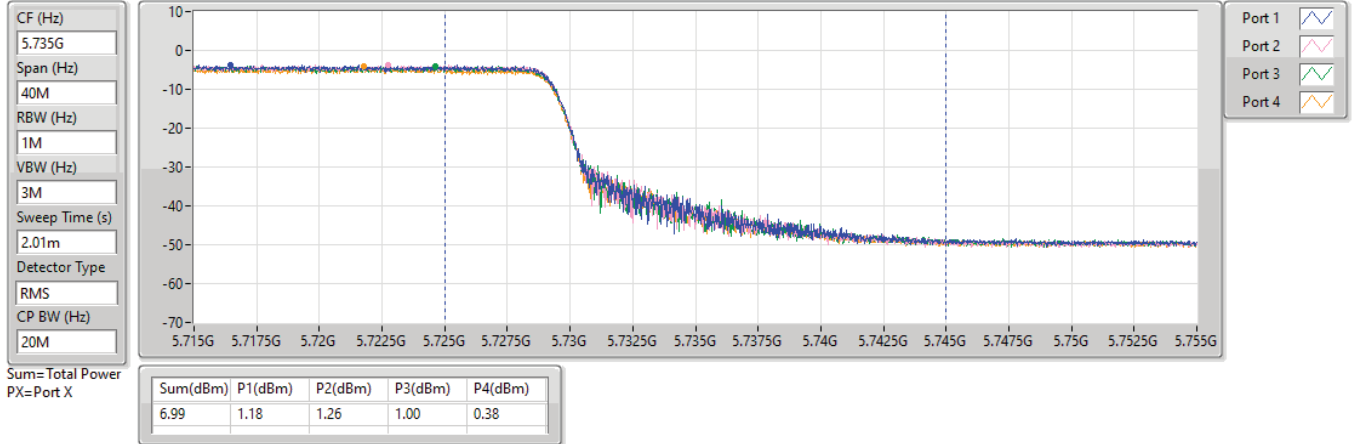


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AV Power

5690MHz Straddle 5.725-5.85GHz_TX

23/01/2024

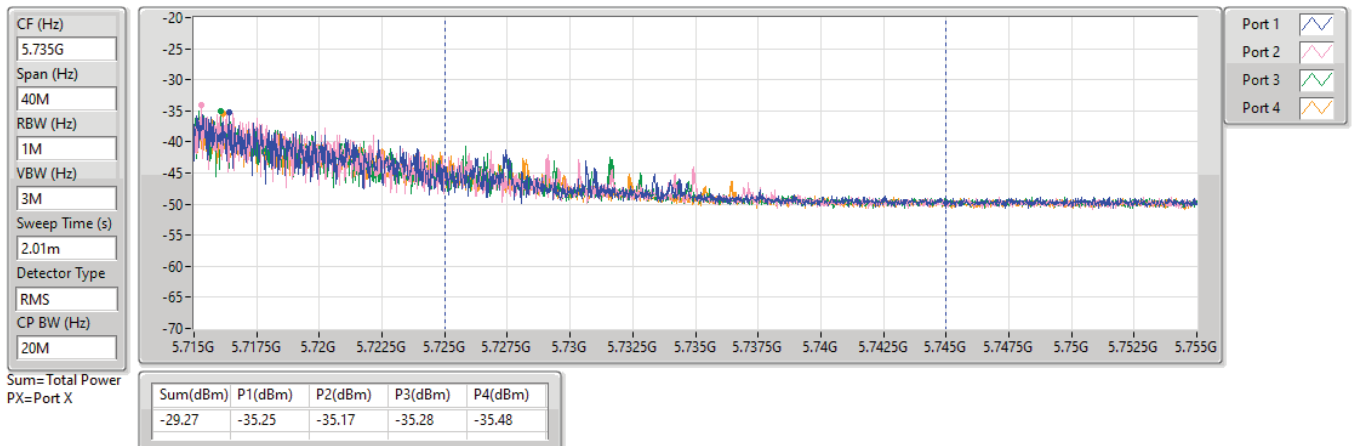


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AV Power

5690MHz Straddle 5.725-5.85GHz_TX

23/01/2024



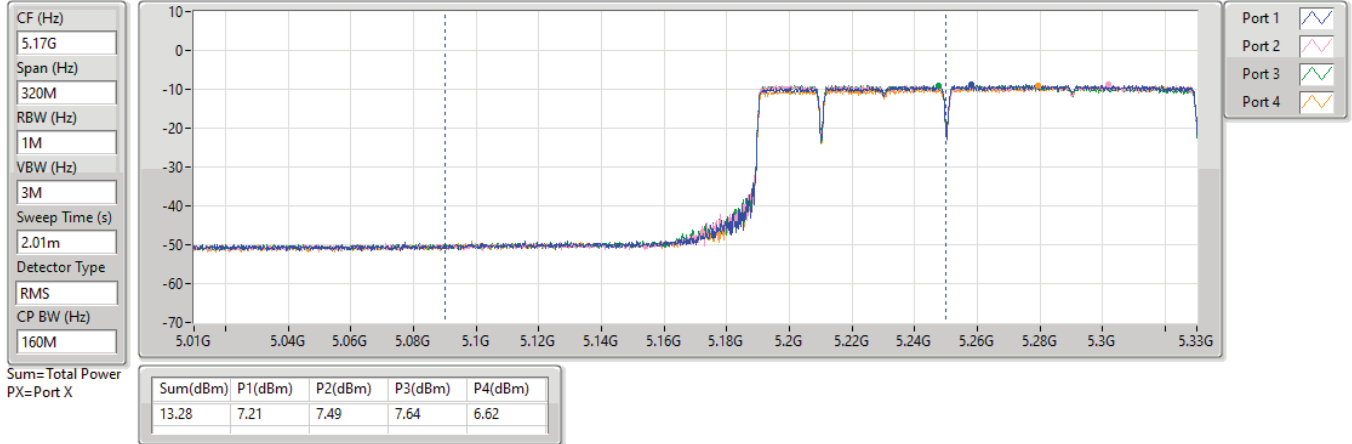


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024

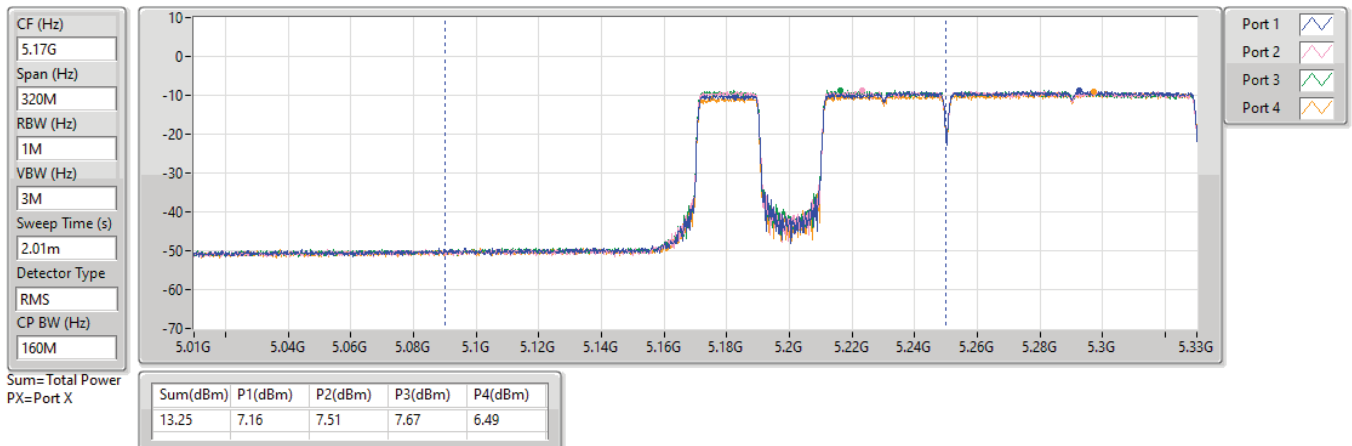


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024



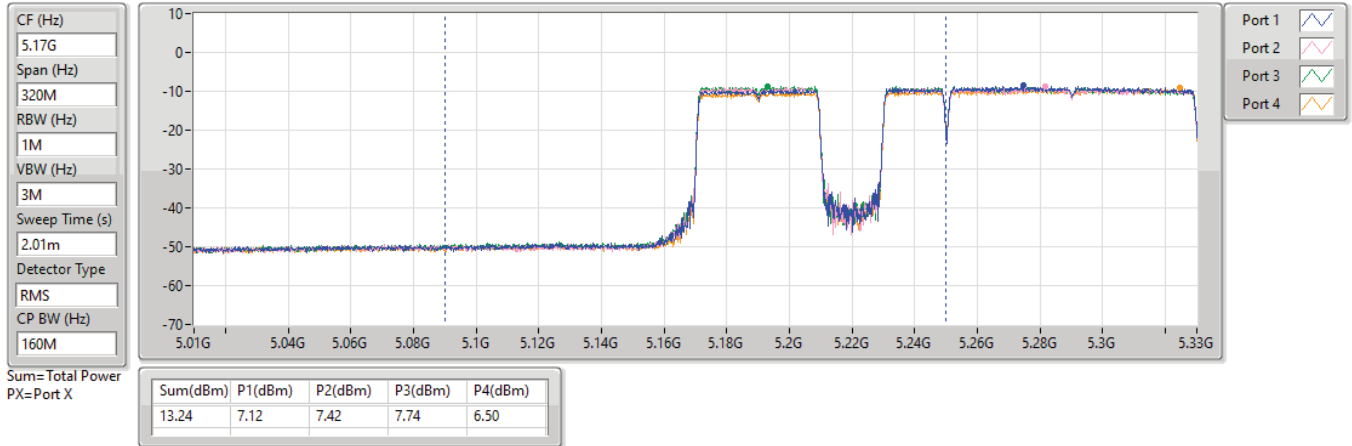


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024

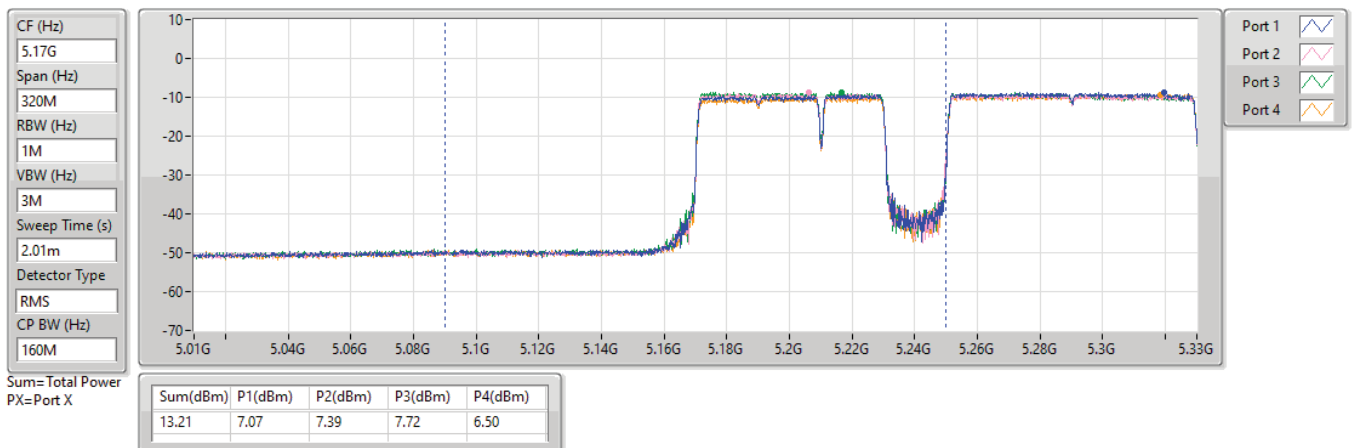


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024



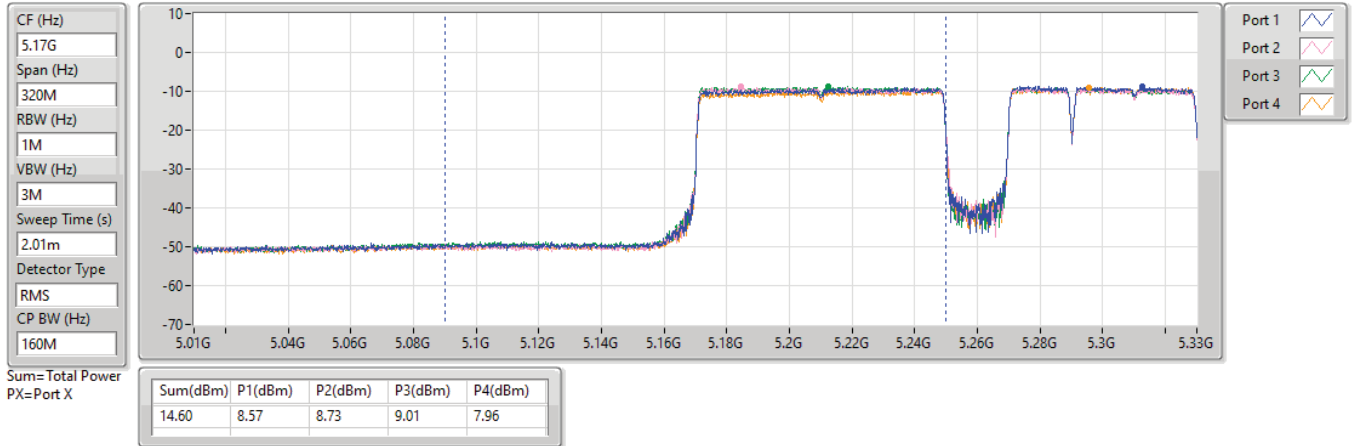


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024

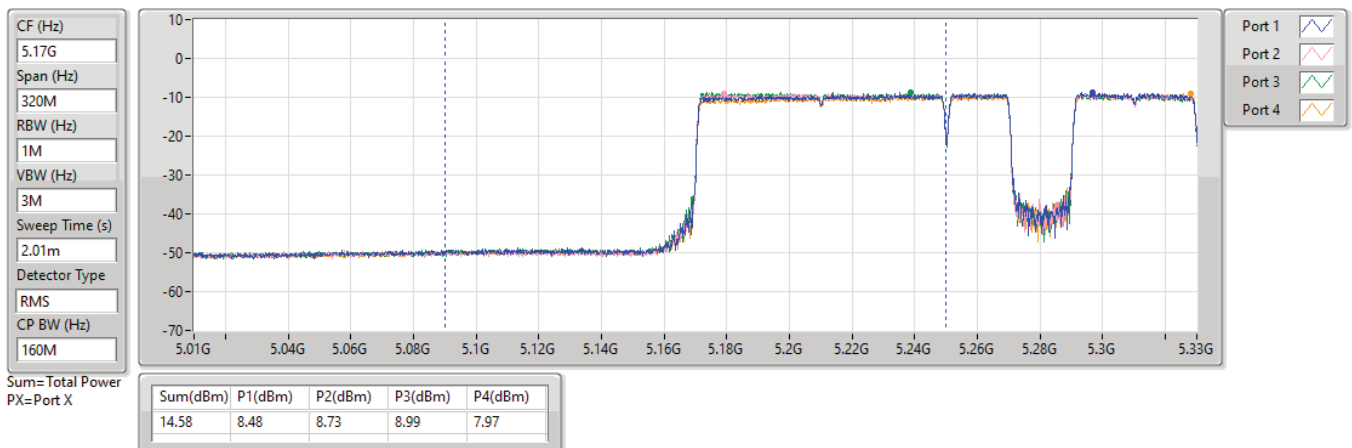


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024



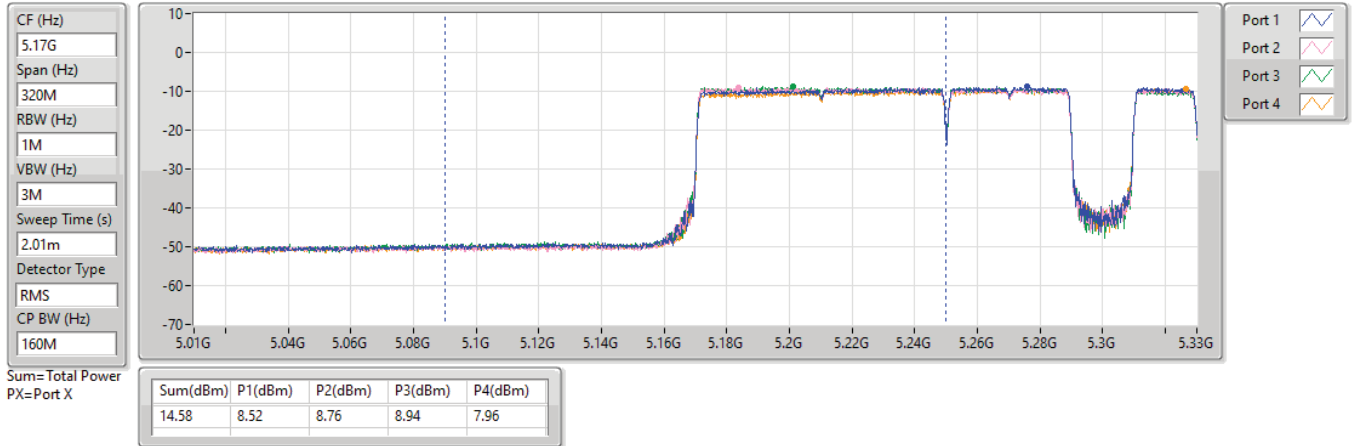


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024

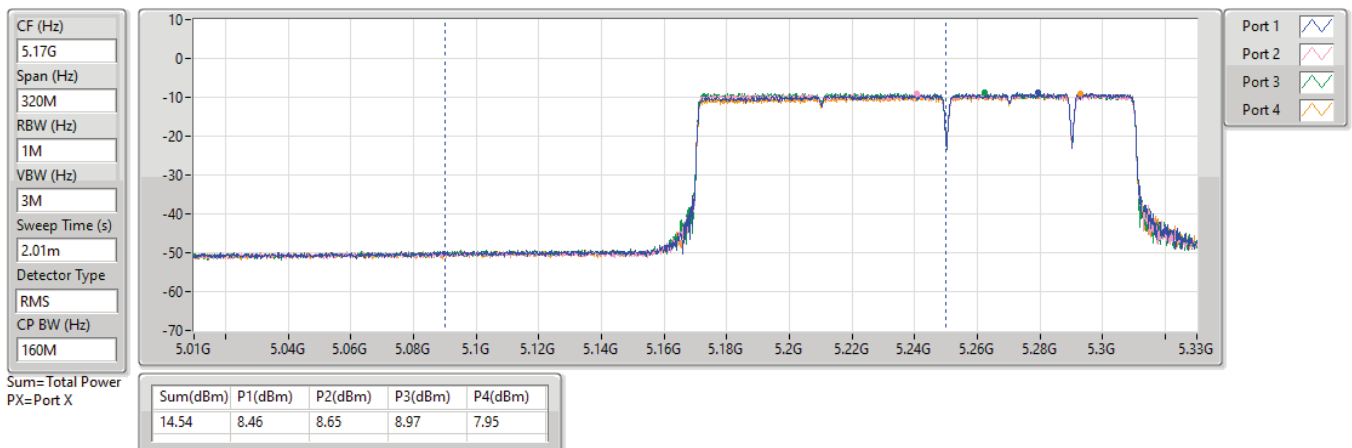


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024



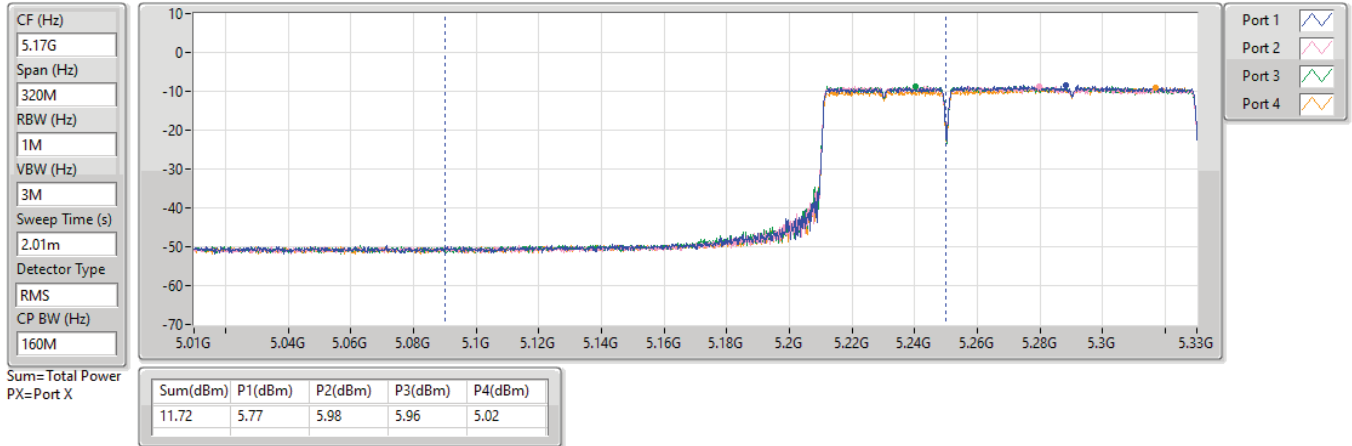


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024

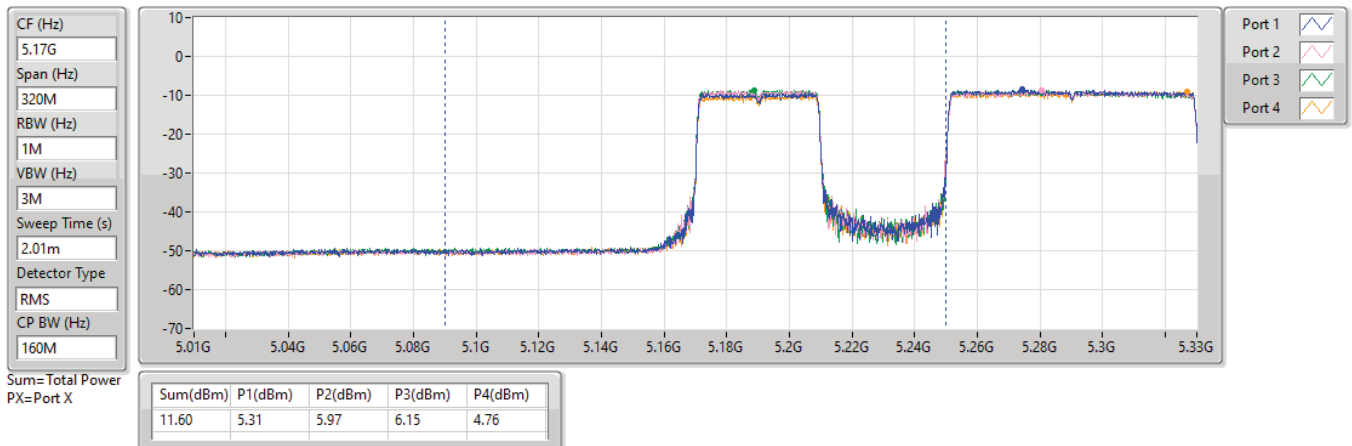


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024



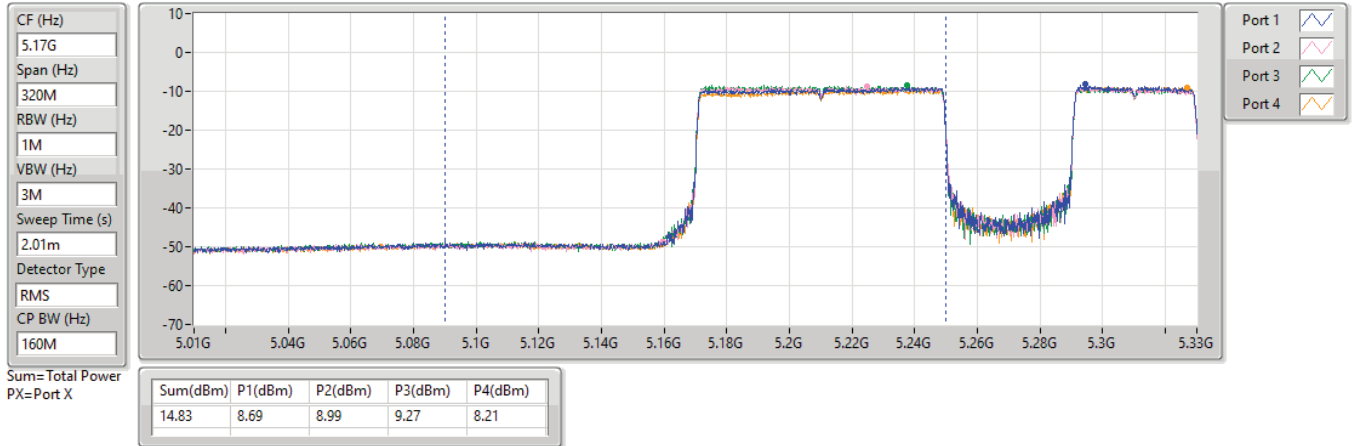


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024

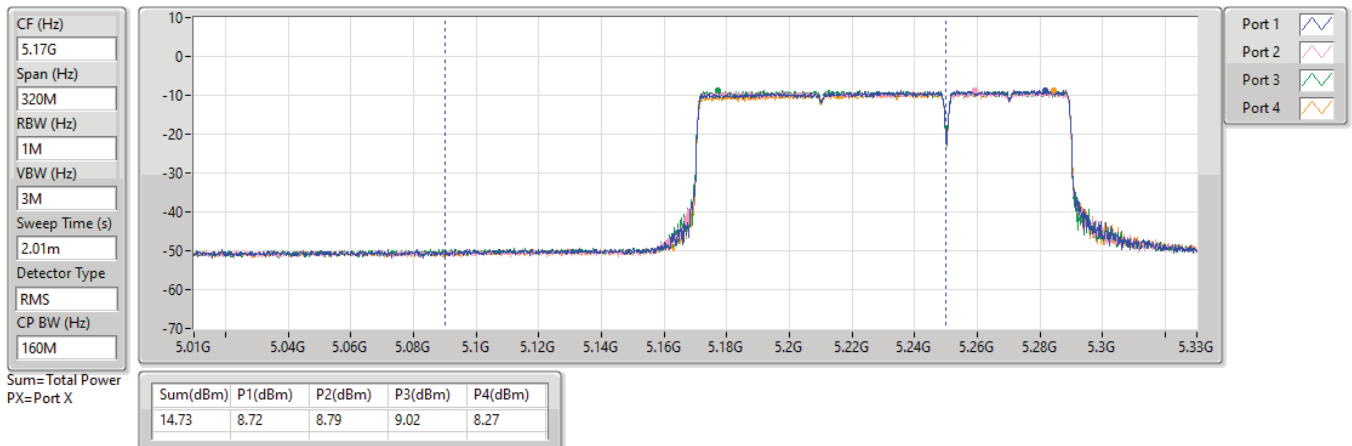


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AV Power

5250MHz Straddle 5.15-5.25GHz_TX

23/01/2024



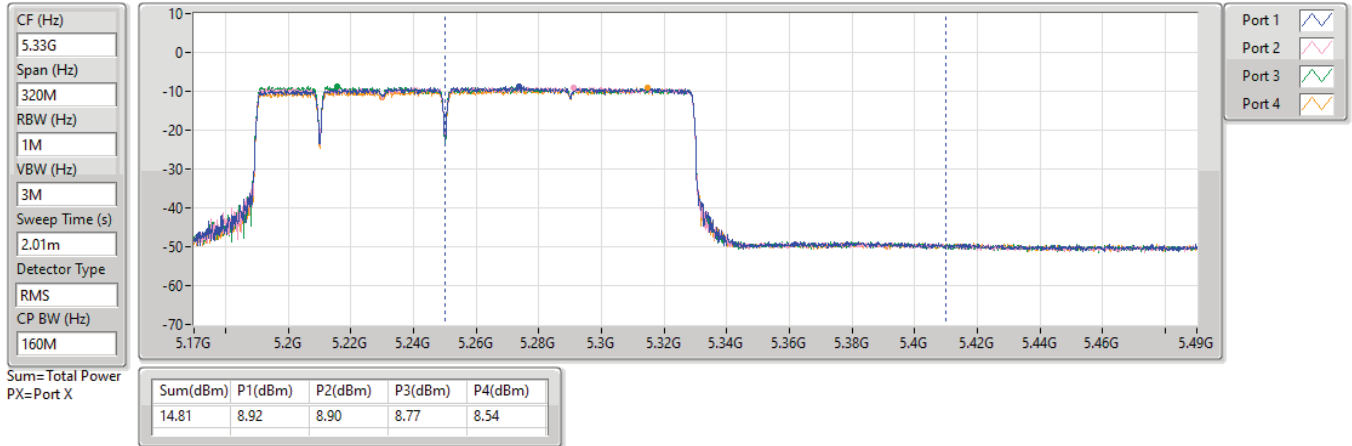


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024

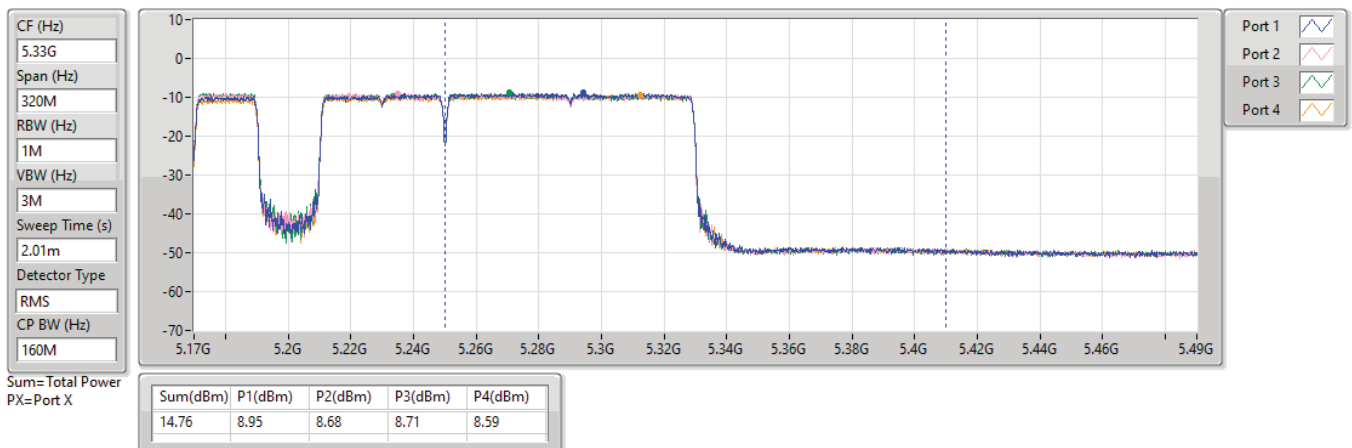


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024



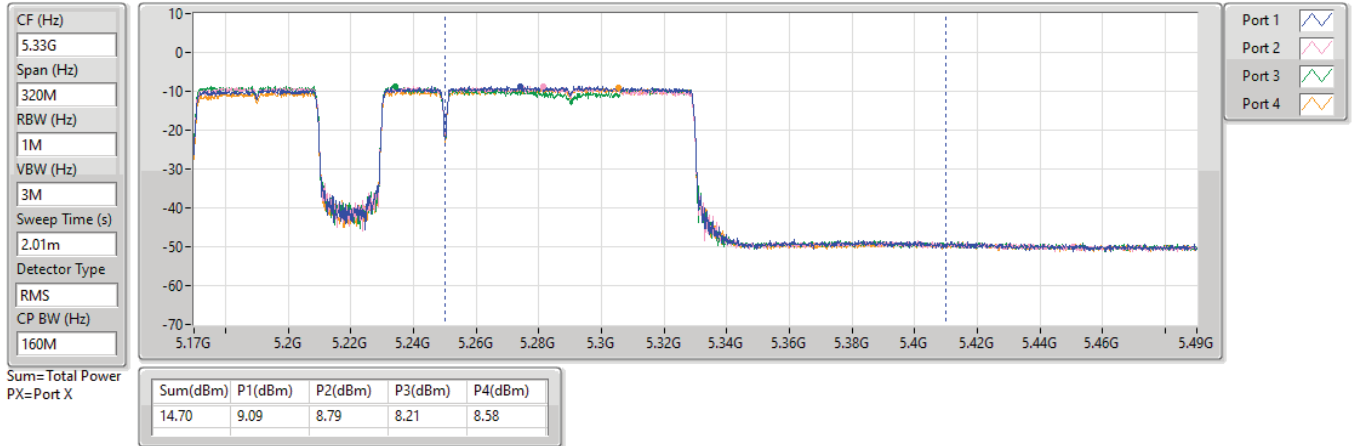


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024

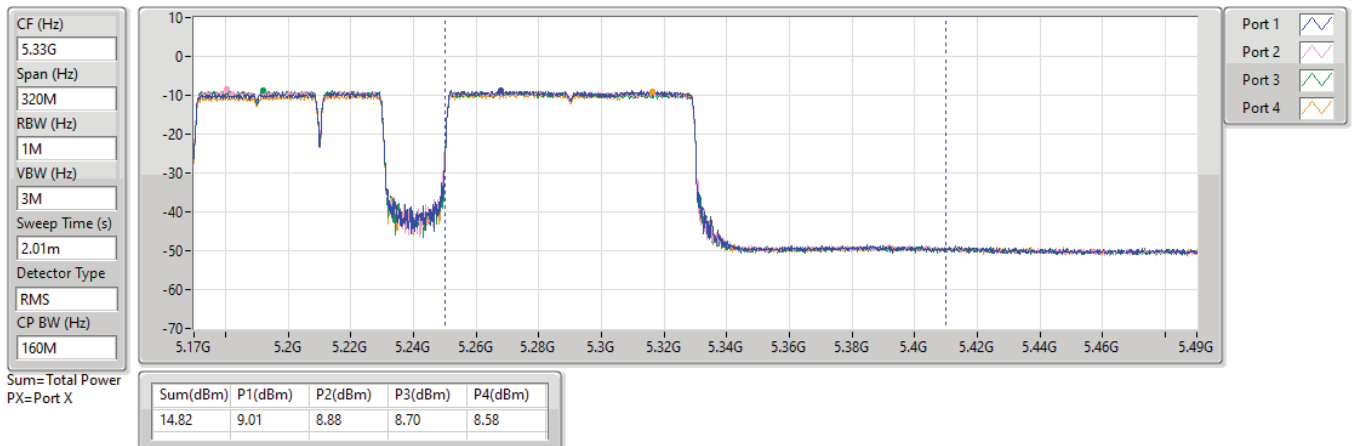


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024



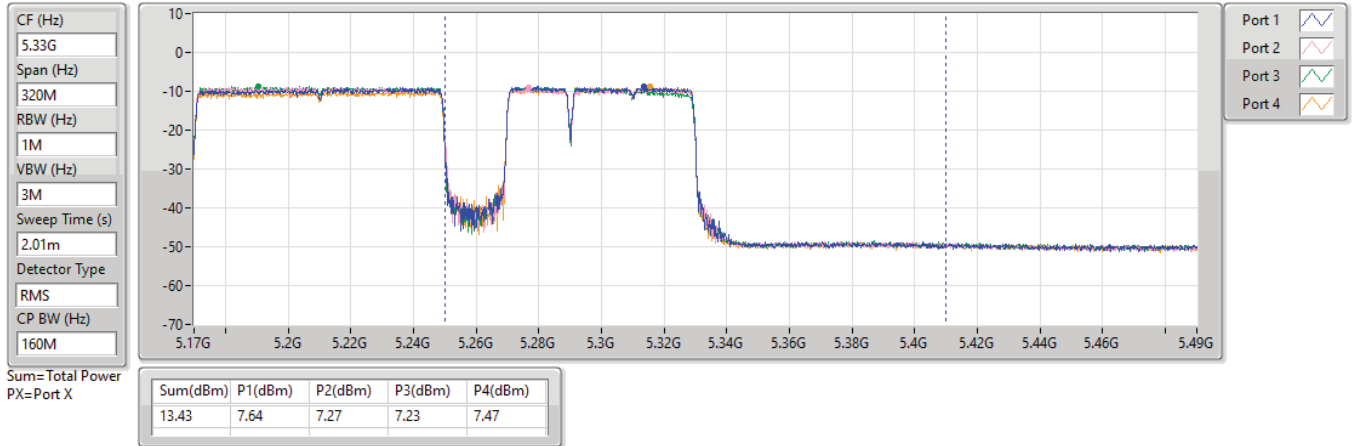


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024

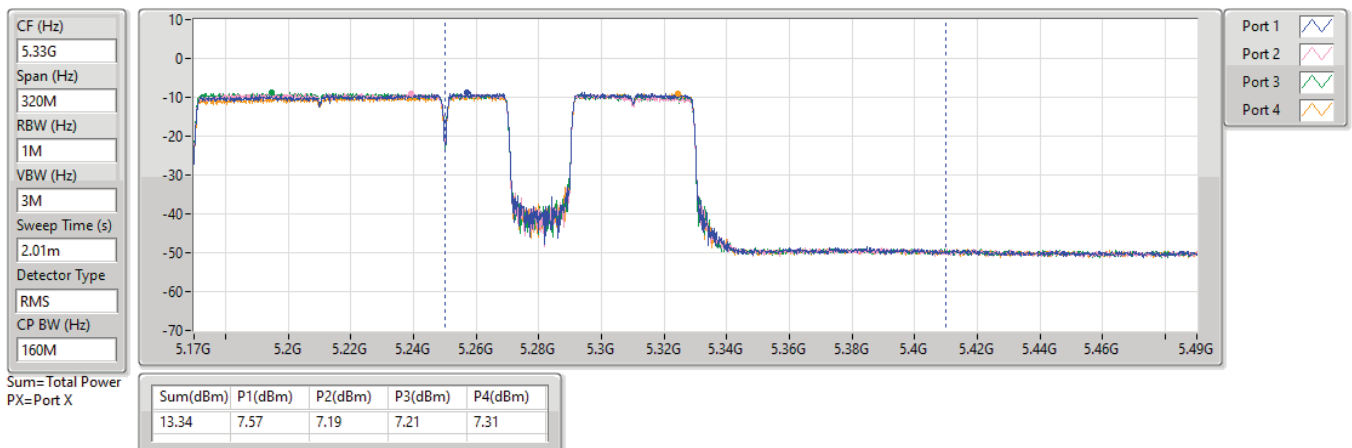


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024



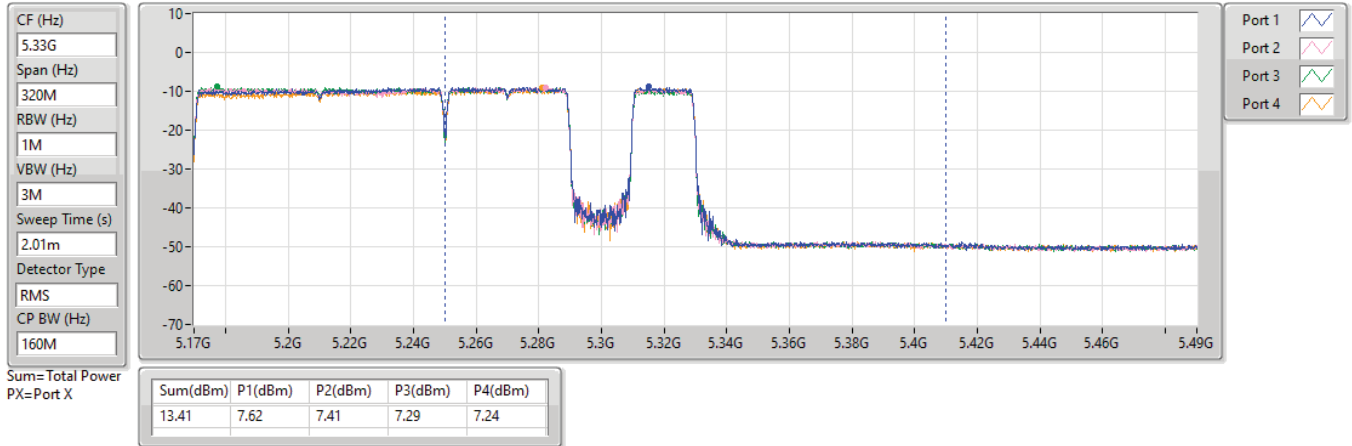


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024

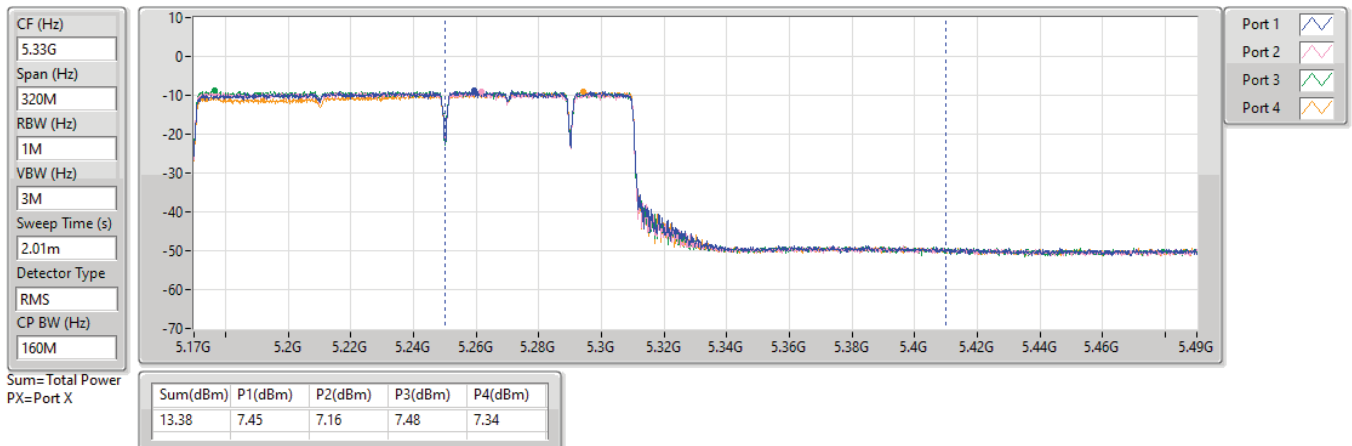


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024



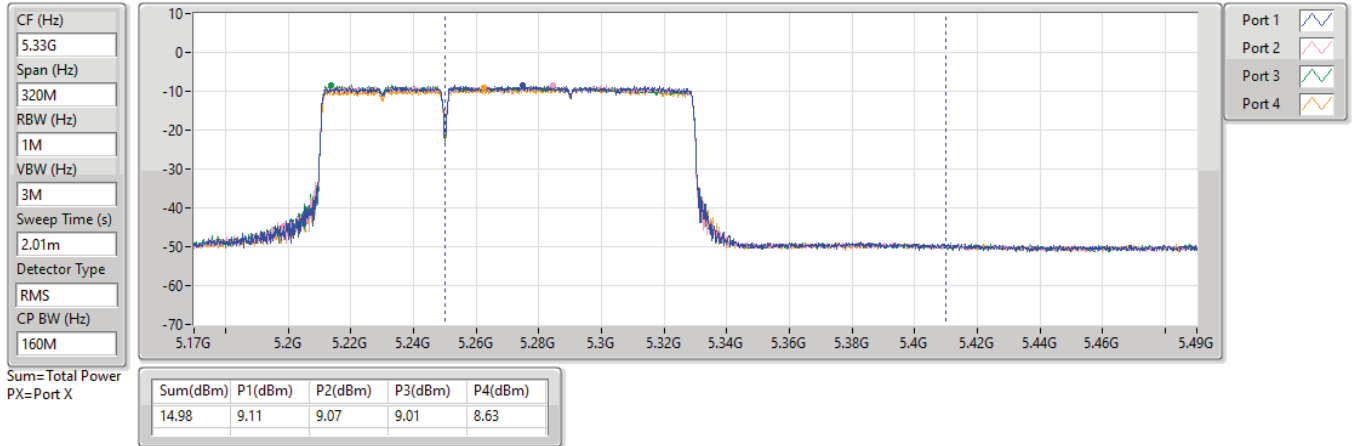


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024

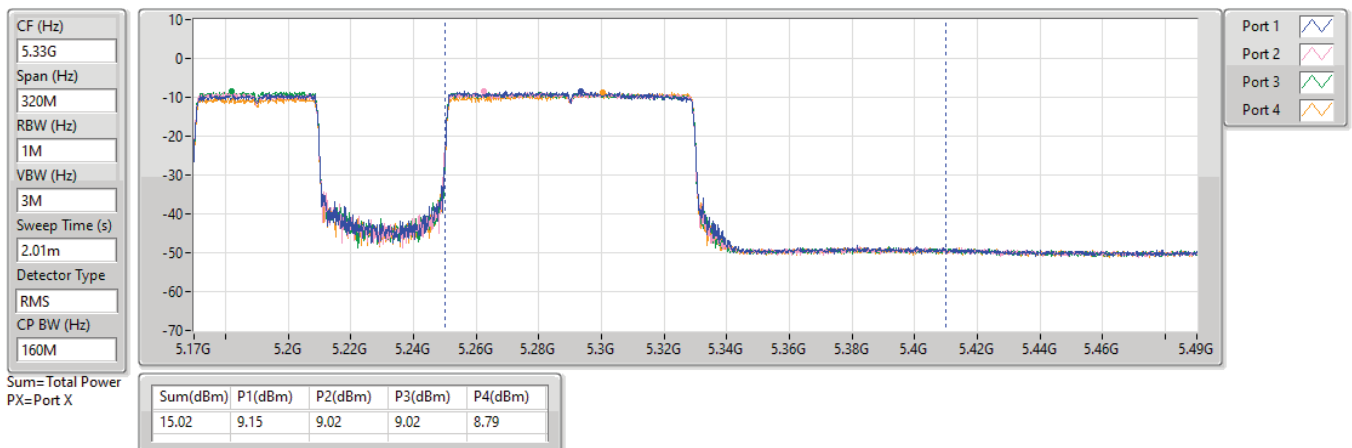


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024



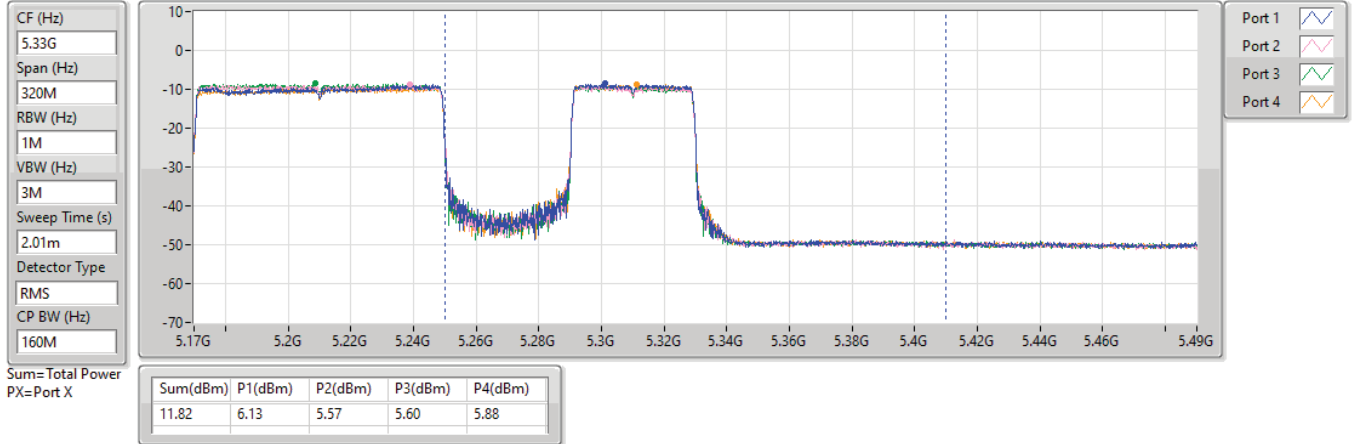


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AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024

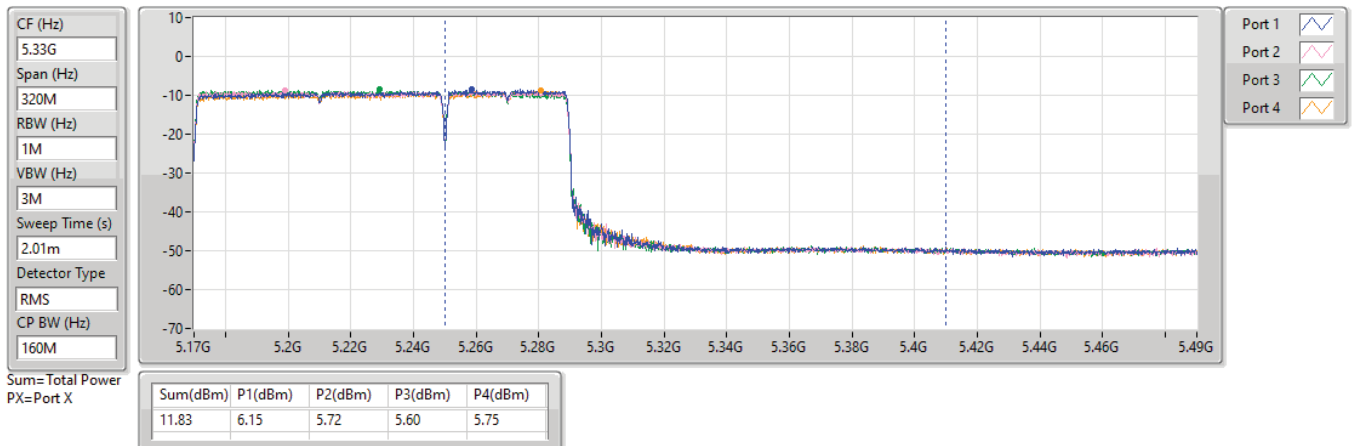


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

23/01/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	13.81	0.02404	23.02	0.20045
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.07	0.10162	29.28	0.84723
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.26	0.10617	29.47	0.88512
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.53	0.04498	25.74	0.37497
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	13.70	0.02344	22.91	0.19543
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.99	0.09977	29.20	0.83176
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.28	0.10666	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.14	0.10328	29.35	0.86099
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.04	0.05058	26.25	0.42170
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.87	0.01936	22.08	0.16144
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.42	0.00875	18.63	0.07295
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.87	0.00386	15.08	0.03221



Average Power_Beamforming_Radio 0

Appendix B.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.21	16.73	16.94	19.85	20.77	29.06	30.00
5300MHz	Pass	9.21	16.99	17.12	20.07	20.77	29.28	30.00
5320MHz	Pass	9.21	16.59	16.81	19.71	20.74	28.92	29.95
5500MHz	Pass	9.21	16.56	16.22	19.40	20.77	28.61	30.00
5580MHz	Pass	9.21	16.89	17.06	19.99	20.77	29.20	29.98
5700MHz	Pass	9.21	16.05	16.15	19.11	20.77	28.32	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.21	15.65	15.66	18.67	19.51	27.88	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	9.21	9.72	10.00	12.87	26.79	22.08	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.21	17.20	17.30	20.26	20.77	29.47	30.00
5310MHz	Pass	9.21	14.93	15.05	18.00	20.77	27.21	30.00
5510MHz	Pass	9.21	12.31	12.52	15.43	20.77	24.64	30.00
5550MHz	Pass	9.21	17.18	17.35	20.28	20.77	29.49	30.00
5670MHz	Pass	9.21	17.02	17.17	20.11	20.77	29.32	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.21	16.53	16.65	19.60	20.77	28.81	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.21	6.48	6.34	9.42	26.79	18.63	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.21	13.49	13.55	16.53	20.77	25.74	30.00
5530MHz	Pass	9.21	13.21	13.49	16.36	20.77	25.57	30.00
5610MHz	Pass	9.21	17.02	17.22	20.13	20.77	29.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.21	17.18	17.07	20.14	20.77	29.35	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.21	2.90	2.81	5.87	26.79	15.08	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.21	10.76	10.83	13.81	20.77	23.02	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.21	10.68	10.70	13.70	20.77	22.91	30.00
5570MHz	Pass	9.21	13.91	14.15	17.04	20.77	26.25	30.00

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

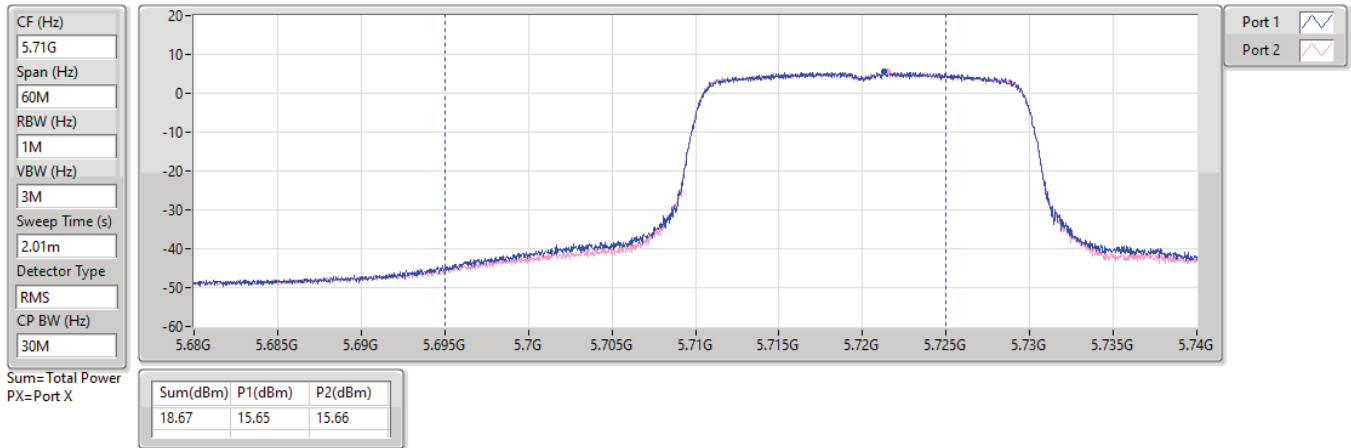


5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

17/01/2024

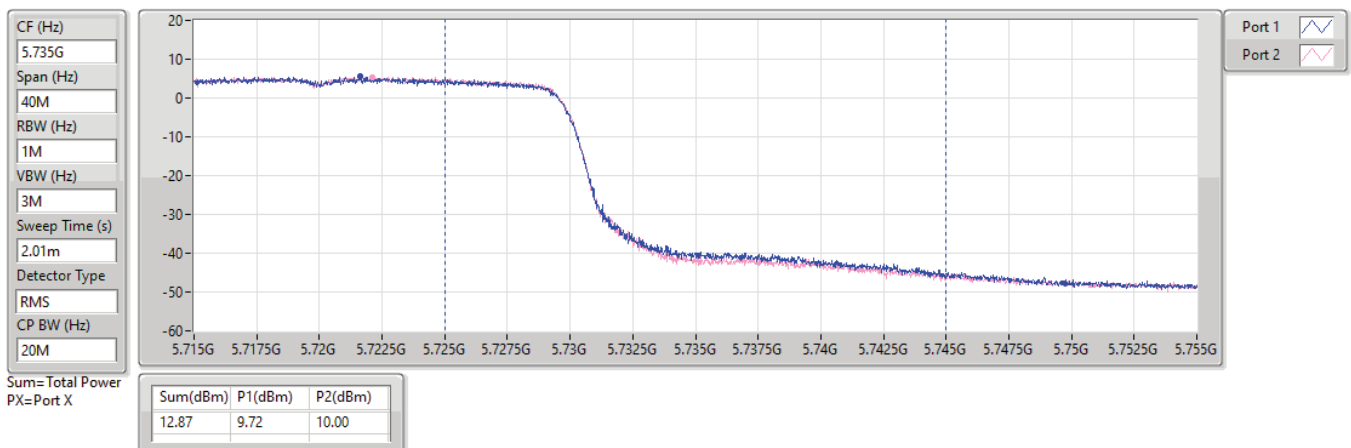


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/01/2024



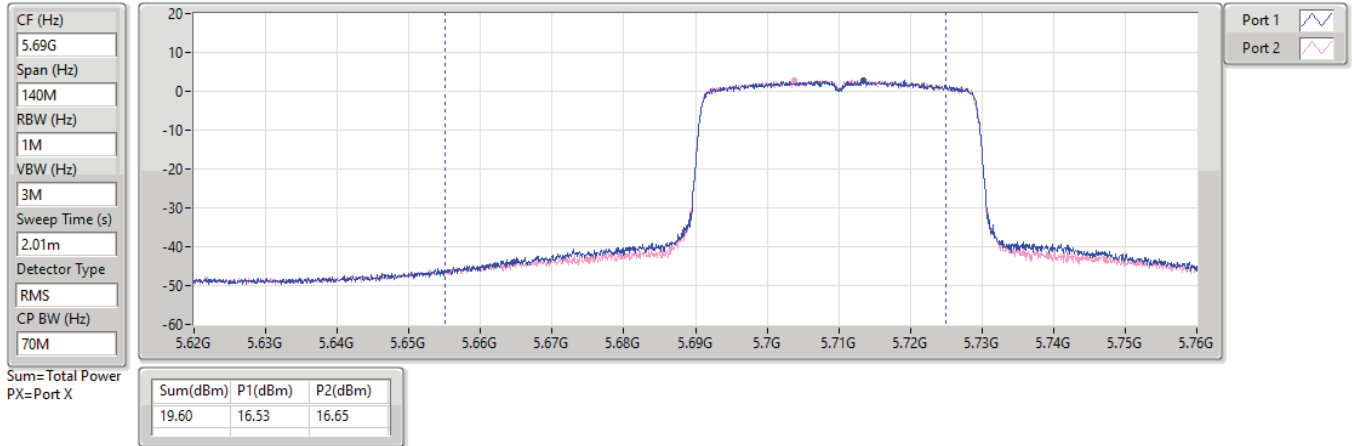


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

17/01/2024

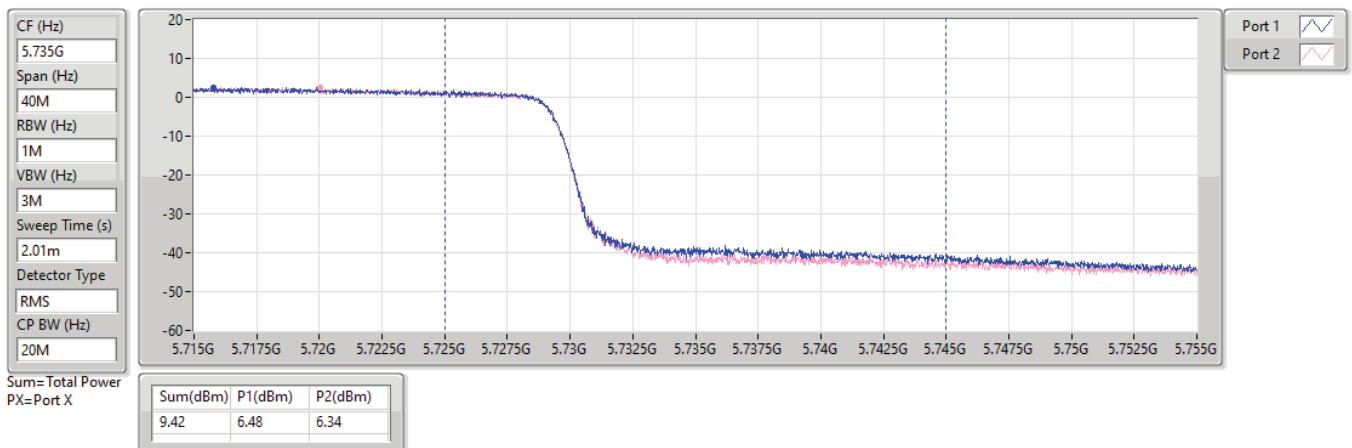


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

17/01/2024



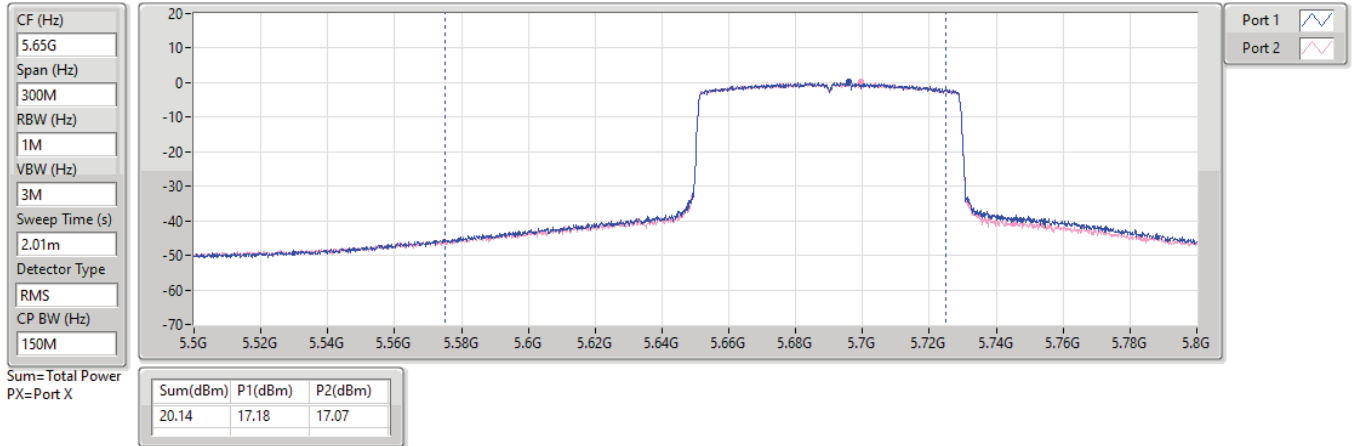


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

17/01/2024

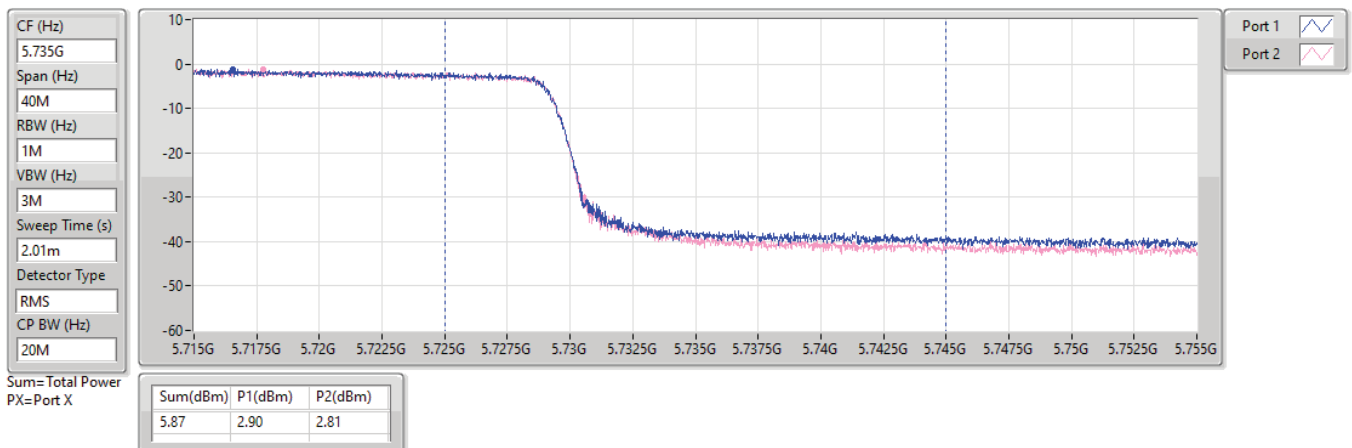


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

17/01/2024



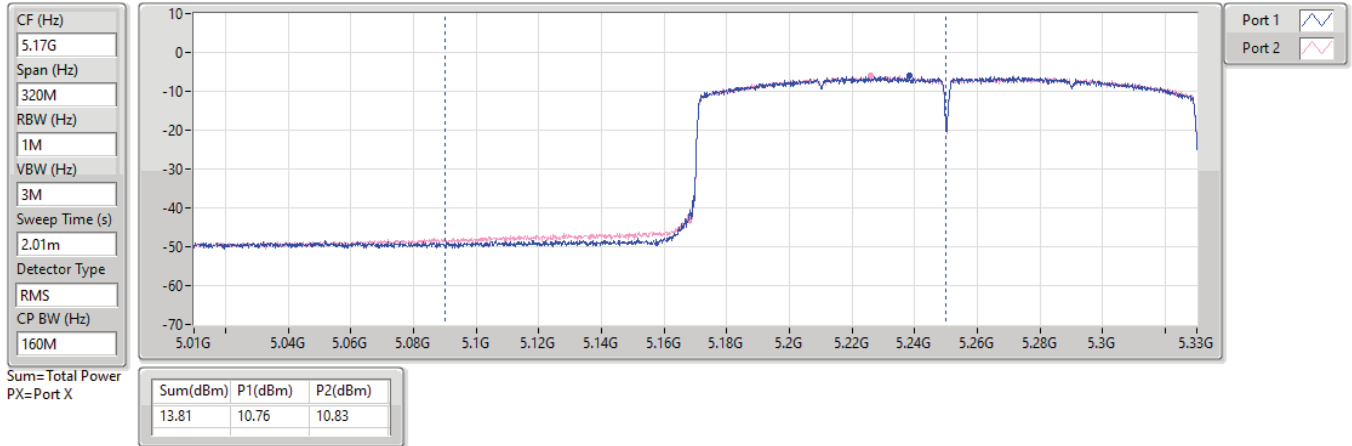


5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

17/01/2024

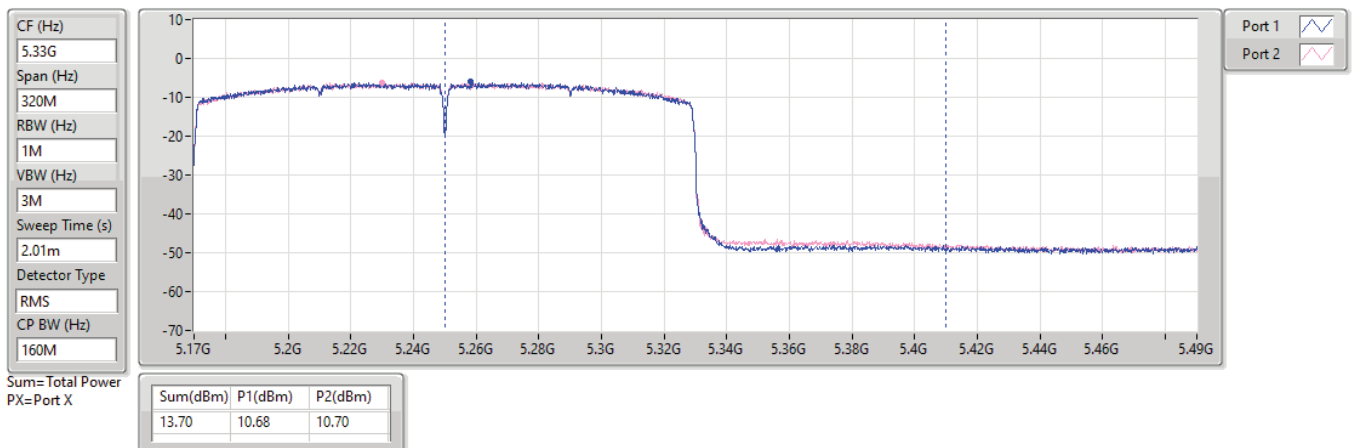


5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

17/01/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160-BF_Nss1,(MCS0)_4TX	14.45	0.02786	22.40	0.17378
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.53	0.14223	28.84	0.76560
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.41	0.13836	28.72	0.74473
802.11be EHT80-BF_Nss1,(MCS0)_4TX	19.67	0.09268	26.98	0.49888
802.11be EHT160-BF_Nss1,(MCS0)_4TX	14.70	0.02951	22.01	0.15885
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	20.91	0.12331	29.34	0.85901
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.71	0.11776	29.14	0.82035
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.32	0.10765	28.75	0.74989
802.11be EHT160-BF_Nss1,(MCS0)_4TX	17.31	0.05383	25.74	0.37497
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	14.51	0.02825	23.20	0.20893
802.11be EHT40-BF_Nss1,(MCS0)_4TX	10.79	0.01199	19.48	0.08872
802.11be EHT80-BF_Nss1,(MCS0)_4TX	7.48	0.00560	16.17	0.04140

**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)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	7.31	15.26	15.52	15.60	15.11	21.40	22.67	28.71	30.00
5300MHz	Pass	7.31	15.46	15.56	15.53	15.47	21.53	22.67	28.84	30.00
5320MHz	Pass	7.31	15.23	15.17	15.14	15.34	21.24	22.67	28.55	30.00
5500MHz	Pass	8.43	14.77	14.58	14.67	14.81	20.73	21.55	29.16	30.00
5580MHz	Pass	8.43	15.06	14.88	14.96	14.65	20.91	21.55	29.34	30.00
5700MHz	Pass	8.43	14.71	14.55	14.89	14.30	20.64	21.55	29.07	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.43	13.37	13.30	13.71	13.06	19.39	20.32	27.82	28.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.69	8.43	8.41	8.87	8.23	14.51	27.31	23.20	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	7.31	15.30	15.50	15.64	15.08	21.41	22.67	28.72	30.00
5310MHz	Pass	7.31	14.20	14.04	13.98	14.13	20.11	22.67	27.42	30.00
5510MHz	Pass	8.43	9.62	9.33	9.30	9.40	15.43	21.55	23.86	30.00
5550MHz	Pass	8.43	14.68	14.83	14.61	14.62	20.71	21.55	29.14	30.00
5670MHz	Pass	8.43	10.72	10.06	10.33	9.92	16.29	21.55	24.72	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.43	14.06	14.01	14.28	13.50	19.99	21.55	28.42	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.69	4.82	5.01	5.13	4.04	10.79	27.31	19.48	36.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	13.77	13.66	13.63	13.53	19.67	22.67	26.98	30.00
5530MHz	Pass	8.43	9.43	9.49	9.33	9.56	15.47	21.55	23.90	30.00
5610MHz	Pass	8.43	14.36	14.29	14.22	13.63	20.16	21.55	28.59	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	14.37	14.26	14.53	14.04	20.32	21.55	28.75	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	1.43	1.71	1.80	0.83	7.48	27.31	16.17	36.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	8.31	8.77	8.75	7.83	14.45	28.05	22.40	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	8.94	8.78	8.31	8.65	14.70	22.67	22.01	30.00
5570MHz	Pass	8.43	11.39	11.05	11.41	11.28	17.31	21.55	25.74	30.00

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

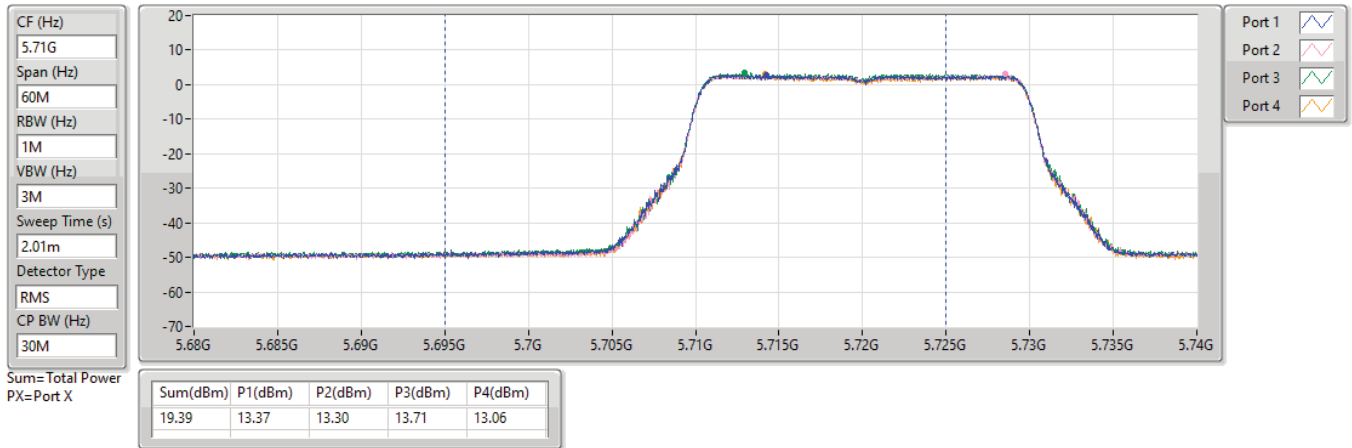


5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

17/01/2024

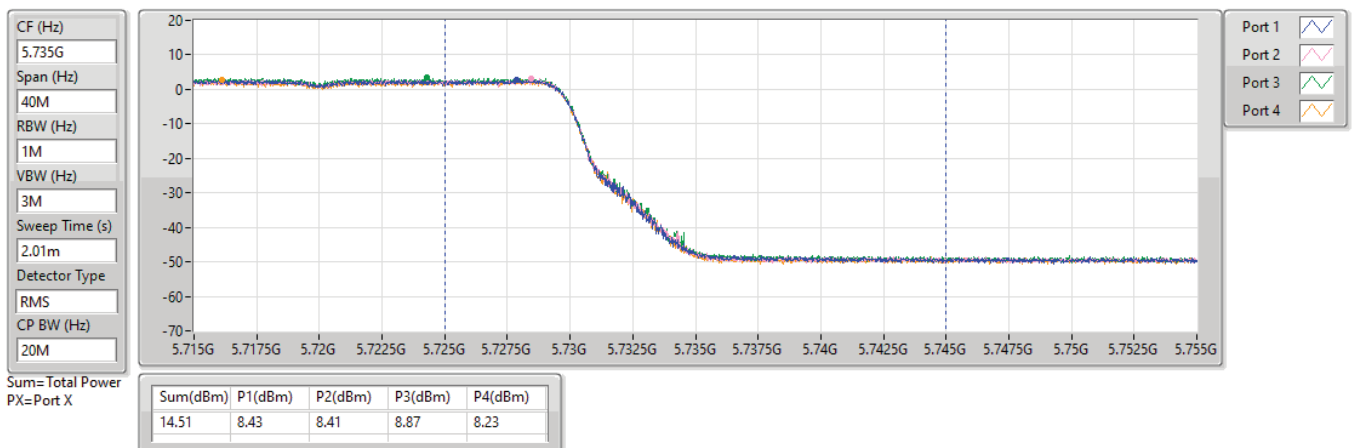


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/01/2024



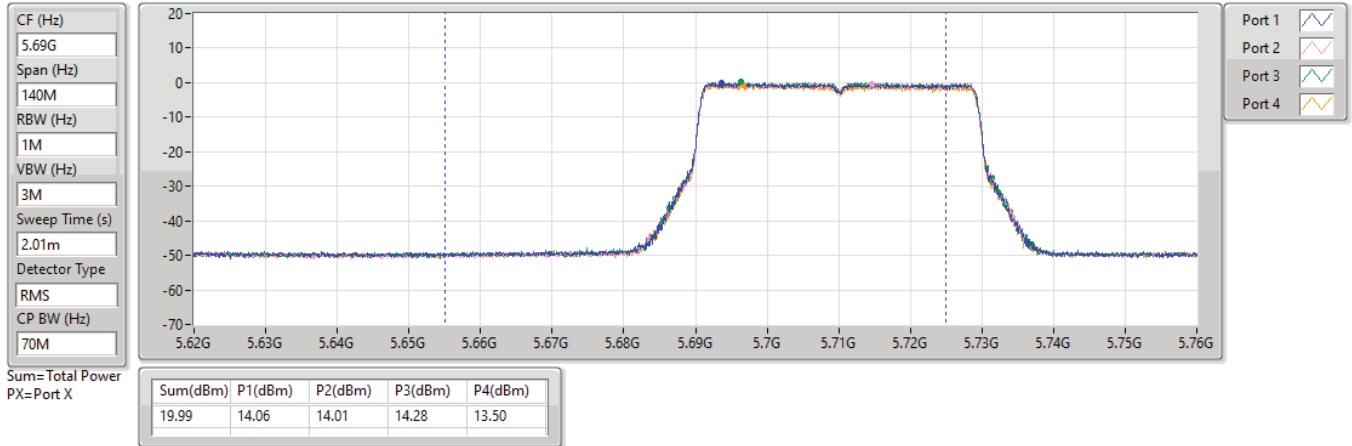


5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

17/01/2024

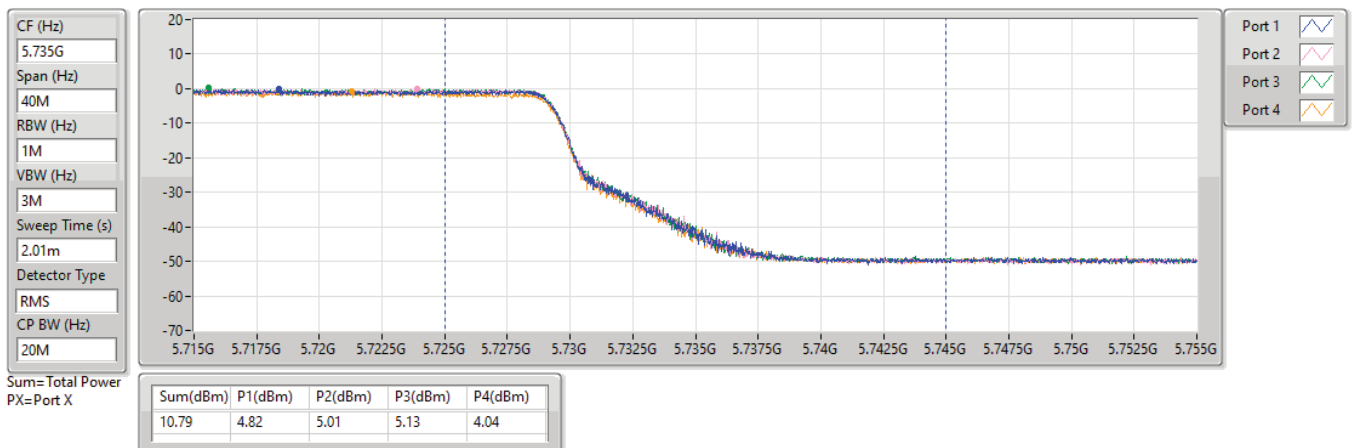


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

17/01/2024



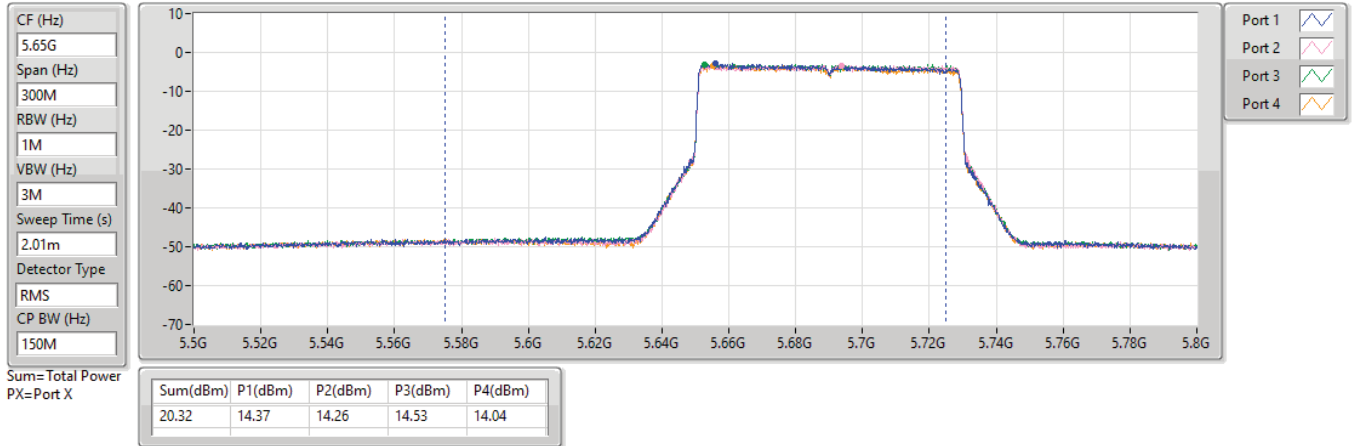


5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

17/01/2024

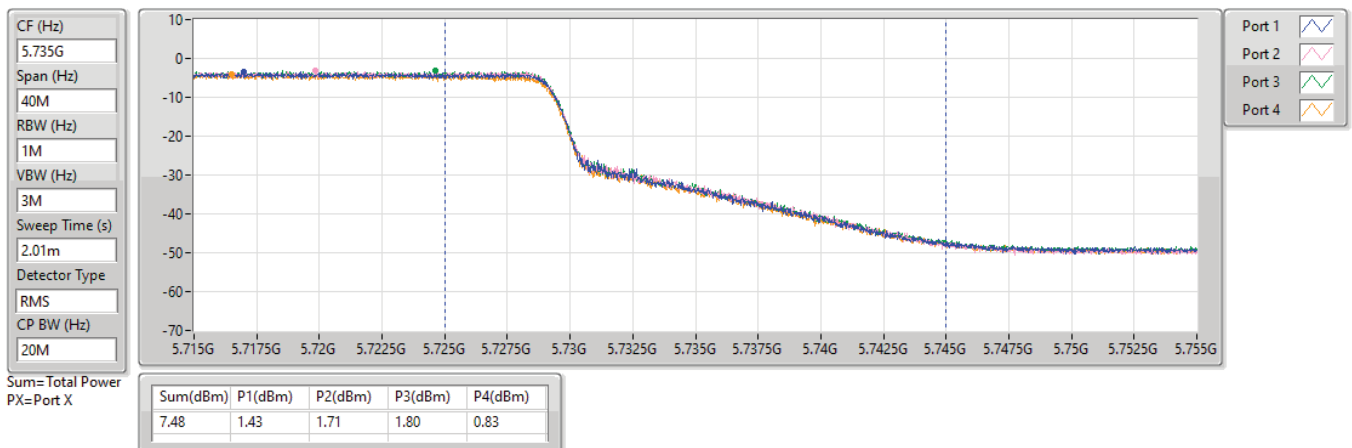


5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

17/01/2024



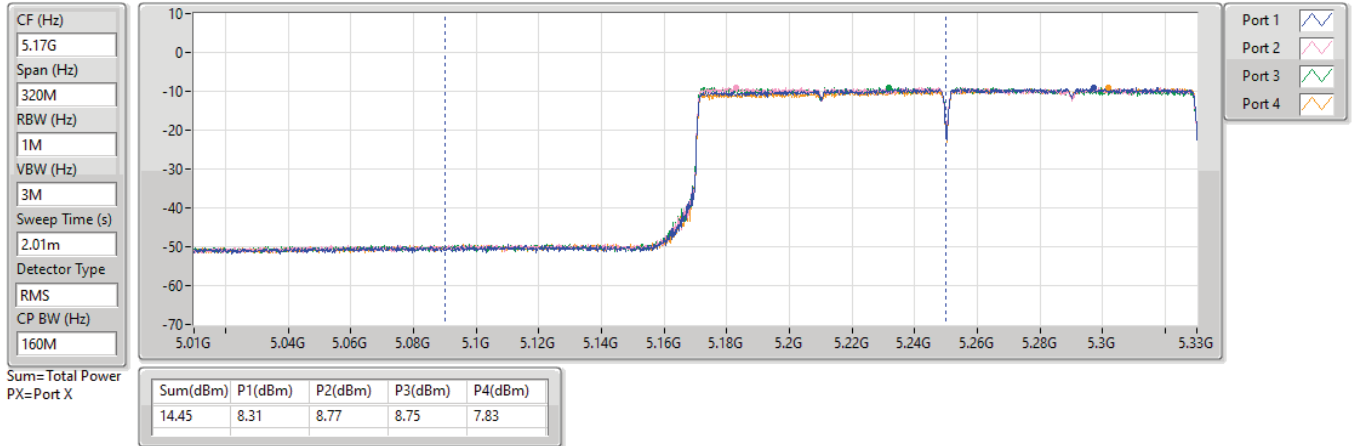


5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

18/01/2024

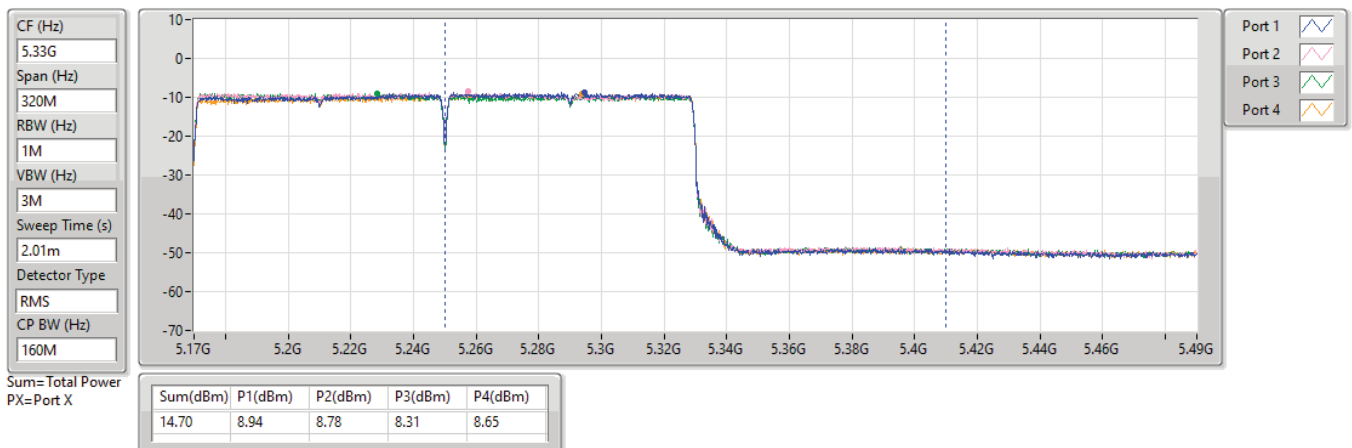


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

18/01/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.32	4.89
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.70	16.91
802.11ax HEW20_Nss1,(MCS0)_2TX	7.69	16.90
802.11ax HEW40_Nss1,(MCS0)_2TX	5.33	14.54
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.67	7.54
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.36	4.85
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.78	16.99
802.11ax HEW20_Nss1,(MCS0)_2TX	7.60	16.81
802.11ax HEW40_Nss1,(MCS0)_2TX	5.27	14.48
802.11ax HEW80_Nss1,(MCS0)_2TX	2.00	11.21
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.07	5.14
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.56	14.77
802.11ax HEW20_Nss1,(MCS0)_2TX	5.52	14.73
802.11ax HEW40_Nss1,(MCS0)_2TX	2.10	11.31
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.39	7.82

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.21	4.35	4.59	7.43	7.79	16.64	17.00
5300MHz	Pass	9.21	4.66	4.82	7.67	7.79	16.88	17.00
5320MHz	Pass	9.21	4.58	4.93	7.70	7.79	16.91	17.00
5500MHz	Pass	9.21	4.77	4.93	7.78	7.79	16.99	17.00
5580MHz	Pass	9.21	4.59	4.83	7.67	7.79	16.88	17.00
5700MHz	Pass	9.21	4.27	4.36	7.27	7.79	16.48	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.21	4.38	4.59	7.41	7.79	16.62	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.21	2.49	2.73	5.56	26.79	14.77	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.21	4.35	4.63	7.50	7.79	16.71	17.00
5300MHz	Pass	9.21	4.64	4.78	7.69	7.79	16.90	17.00
5320MHz	Pass	9.21	4.15	4.36	7.25	7.79	16.46	17.00
5500MHz	Pass	9.21	4.18	4.32	7.21	7.79	16.42	17.00
5580MHz	Pass	9.21	4.60	4.73	7.60	7.79	16.81	17.00
5700MHz	Pass	9.21	3.71	3.88	6.79	7.79	16.00	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.21	4.35	4.64	7.48	7.79	16.69	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.21	2.48	2.61	5.52	26.79	14.73	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.21	2.26	2.41	5.33	7.79	14.54	17.00
5310MHz	Pass	9.21	-0.20	-0.06	2.85	7.79	12.06	17.00
5510MHz	Pass	9.21	-2.89	-2.67	0.20	7.79	9.41	17.00
5550MHz	Pass	9.21	2.17	2.38	5.27	7.79	14.48	17.00
5670MHz	Pass	9.21	1.95	2.13	5.04	7.79	14.25	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.21	1.85	2.12	4.98	7.79	14.19	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.21	-0.94	-0.84	2.10	26.79	11.31	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.21	-4.72	-4.56	-1.67	7.79	7.54	17.00
5530MHz	Pass	9.21	-5.00	-4.65	-1.87	7.79	7.34	17.00
5610MHz	Pass	9.21	-1.10	-0.86	2.00	7.79	11.21	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.21	-1.06	-1.04	1.95	7.79	11.16	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.21	-4.34	-4.42	-1.39	26.79	7.82	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.21	-7.37	-7.29	-4.32	7.79	4.89	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.21	-7.37	-7.28	-4.36	7.79	4.85	17.00
5570MHz	Pass	9.21	-7.14	-6.96	-4.07	7.79	5.14	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;

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

PSD

5260MHz

15/01/2024

CF (Hz)
5.26G

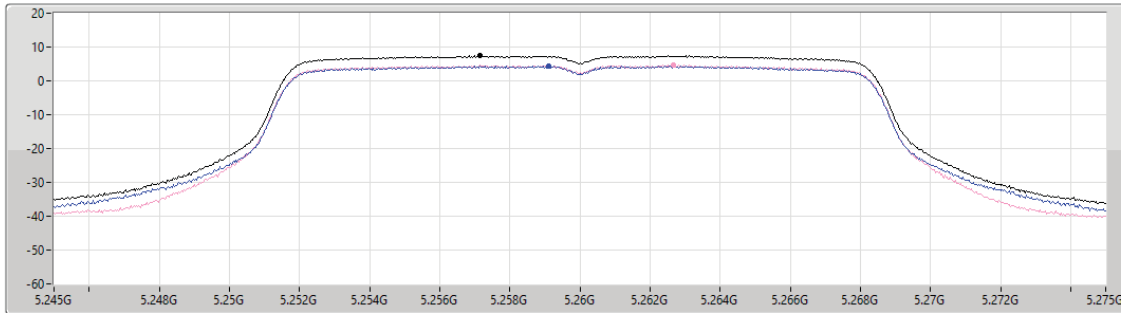
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.43	7.43	4.35	4.59

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

PSD

5300MHz

15/01/2024

CF (Hz)
5.3G

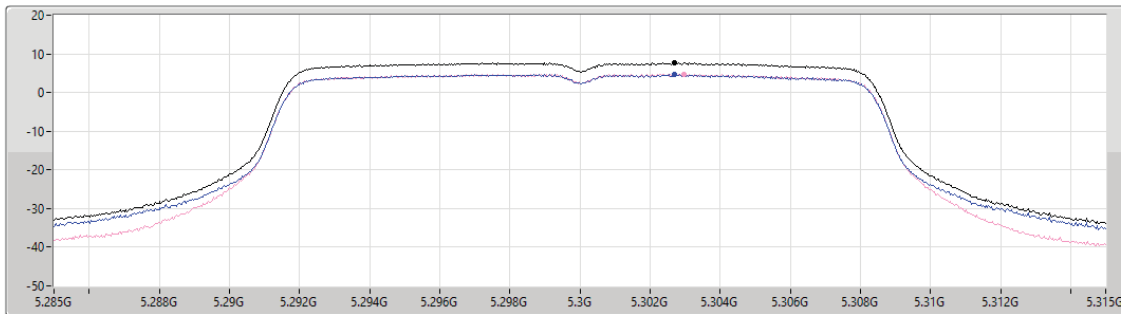
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.67	7.67	4.66	4.82

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

PSD

5320MHz

15/01/2024

CF (Hz)
5.32G

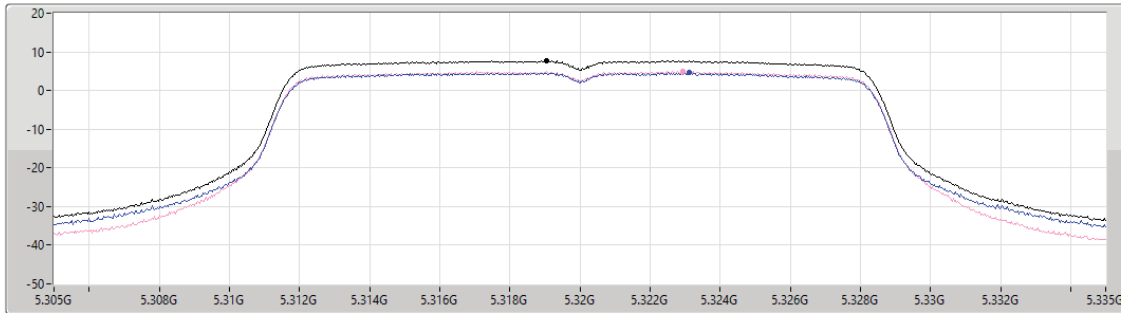
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.70	7.70	4.58	4.93

Sum ☒

Port 1 ☐

Port 2 ☐

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

PSD

5500MHz

15/01/2024

CF (Hz)
5.5G

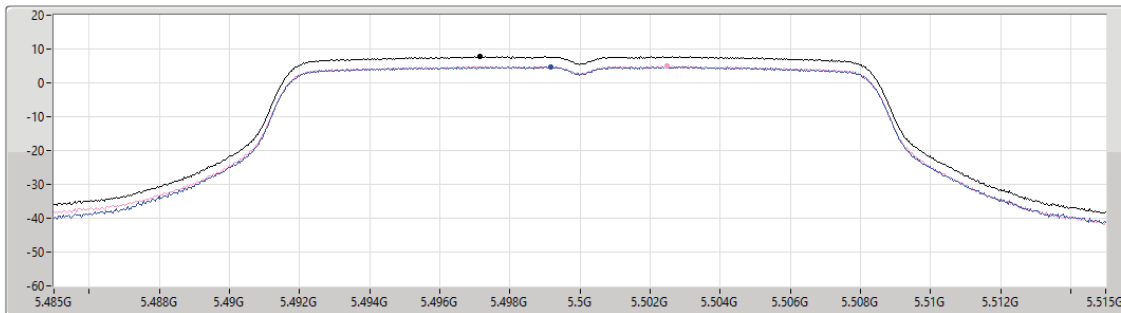
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	4.77	4.93

Sum ☒

Port 1 ☐

Port 2 ☐

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

PSD

5580MHz

15/01/2024

CF (Hz)
5.58G

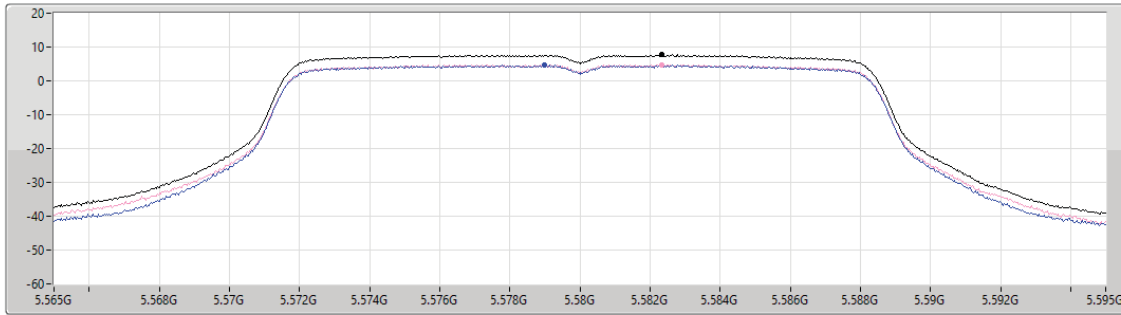
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	4.59	4.83

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

PSD

5700MHz

16/01/2024

CF (Hz)
5.7G

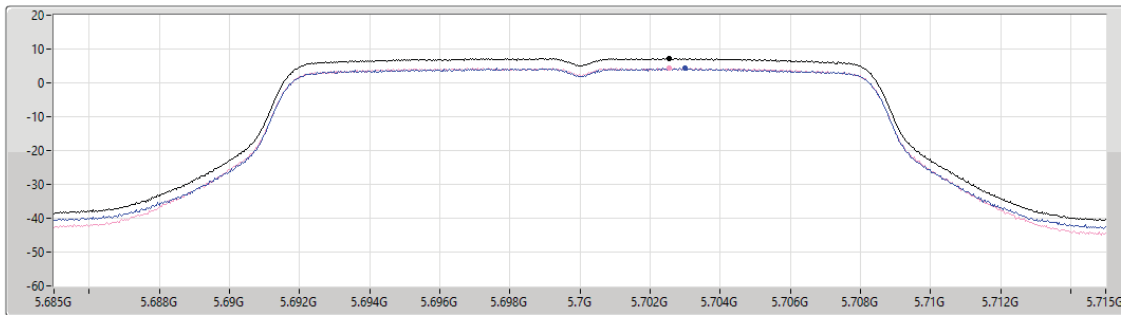
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

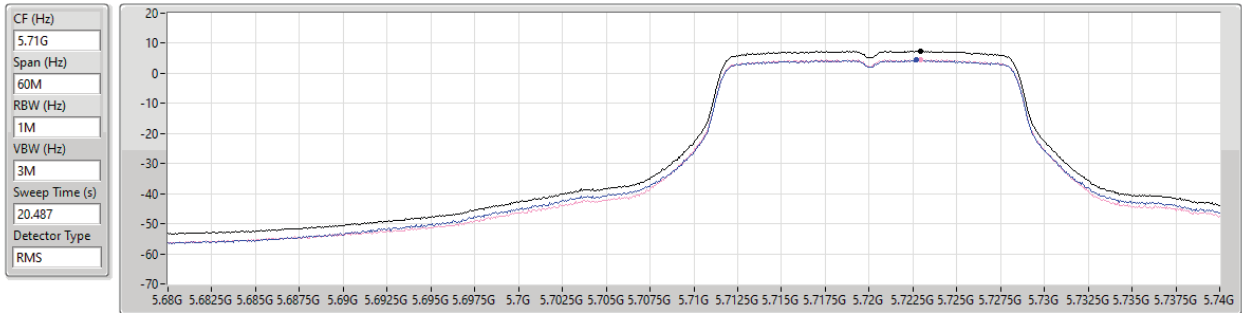
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	4.27	4.36

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

PSD

5720MHz Straddle 5.47-5.725GHz

15/01/2024



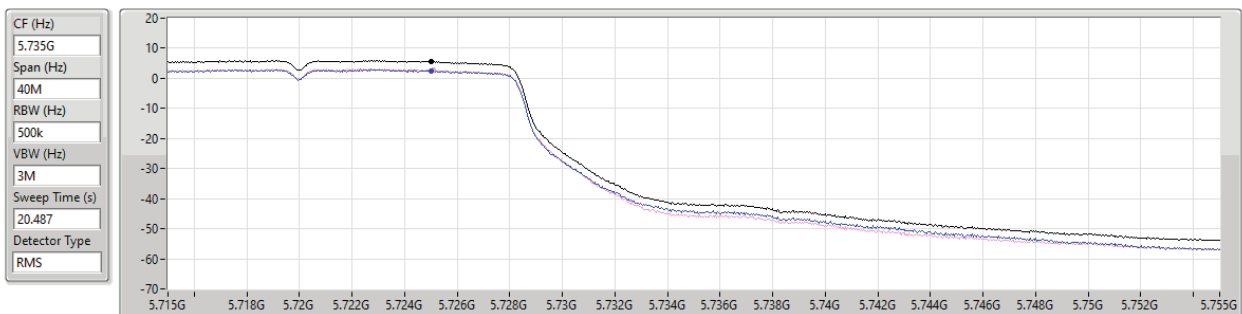
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.41	7.41	4.38	4.59

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

PSD

5720MHz Straddle 5.725-5.85GHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.56	5.56	2.49	2.73

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

15/01/2024

CF (Hz)
5.26G

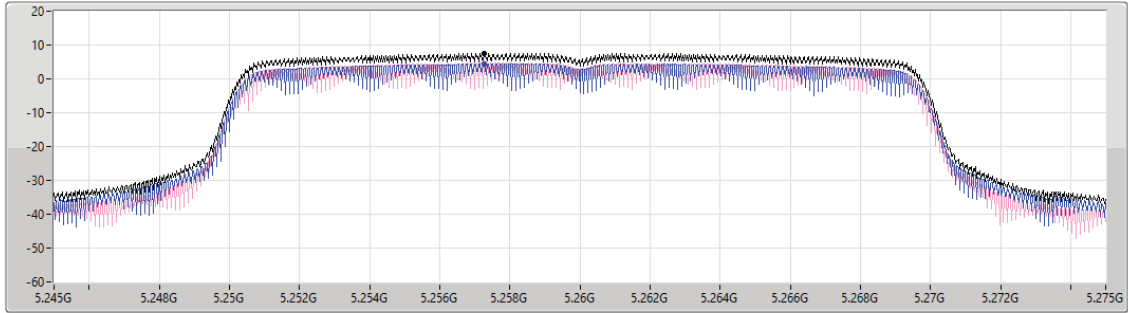
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	4.35	4.63

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

15/01/2024

CF (Hz)
5.3G

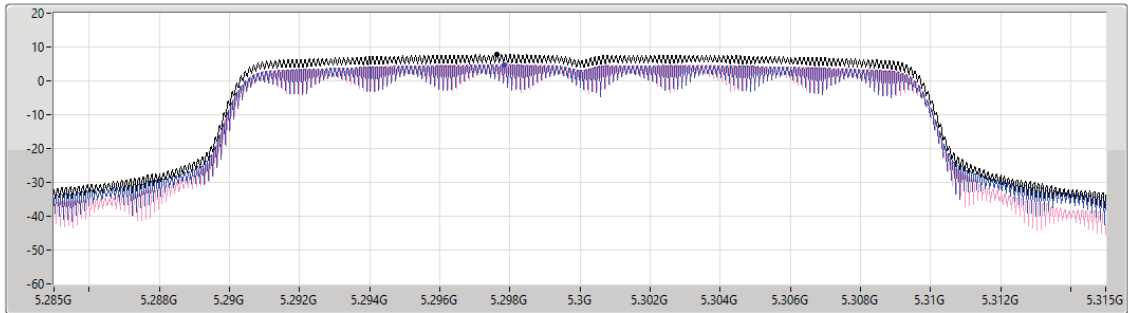
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

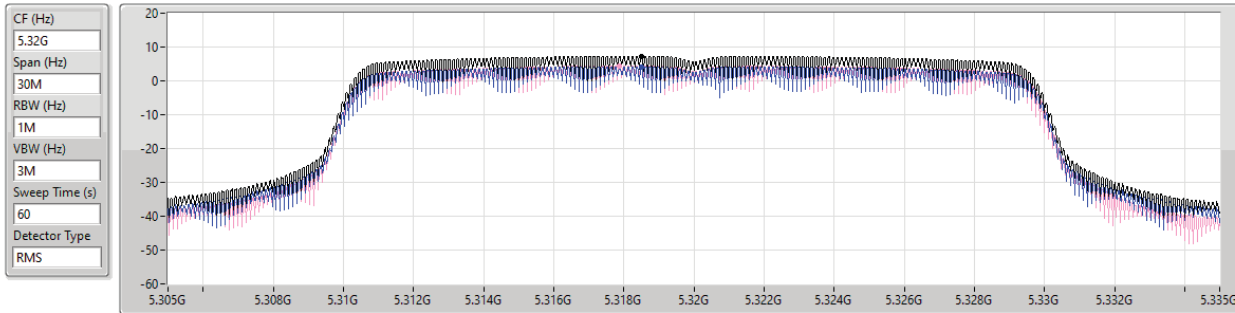
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	4.64	4.78

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

PSD

5320MHz

15/01/2024



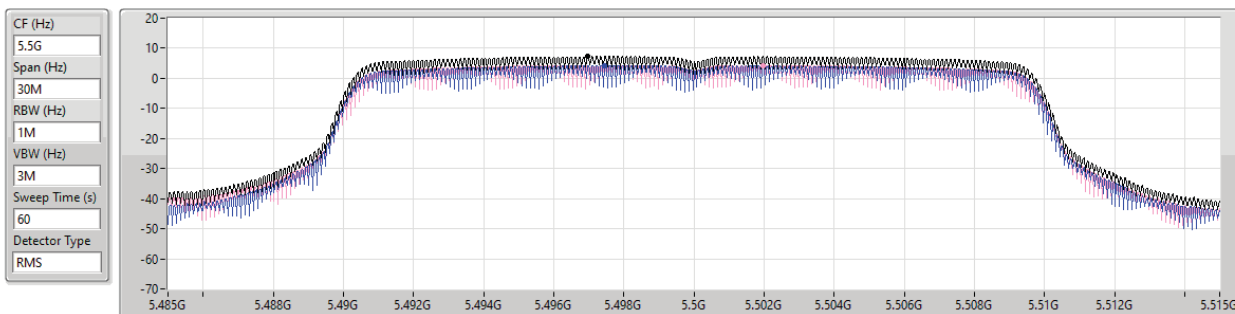
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.25	7.25	4.15	4.36

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

PSD

5500MHz

15/01/2024



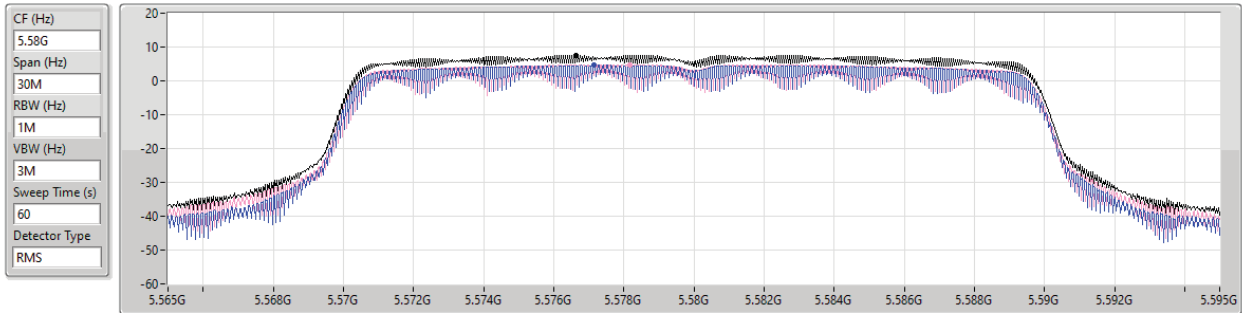
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.21	7.21	4.18	4.32

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

PSD

5580MHz

15/01/2024



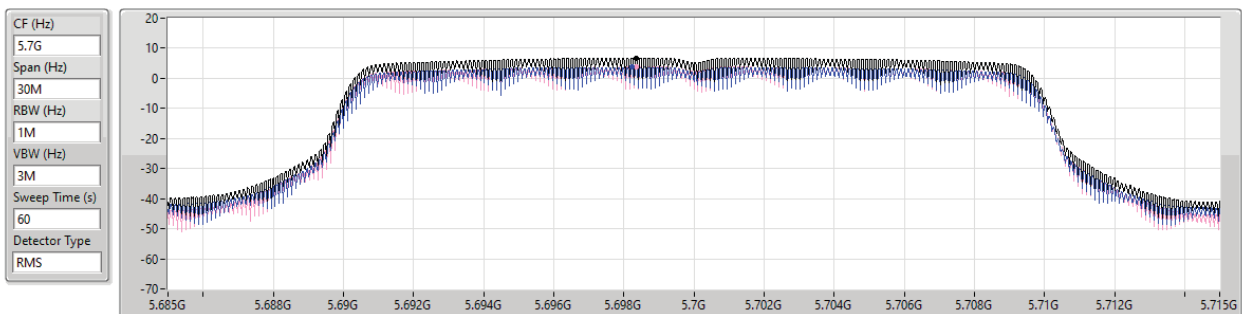
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.60	7.60	4.60	4.73

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

PSD

5700MHz

15/01/2024



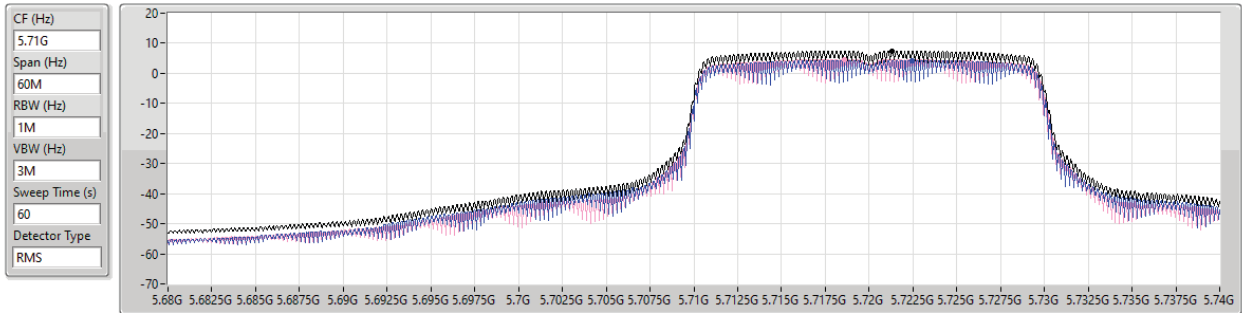
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.79	6.79	3.71	3.88

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

PSD

5720MHz Straddle 5.47-5.725GHz

15/01/2024



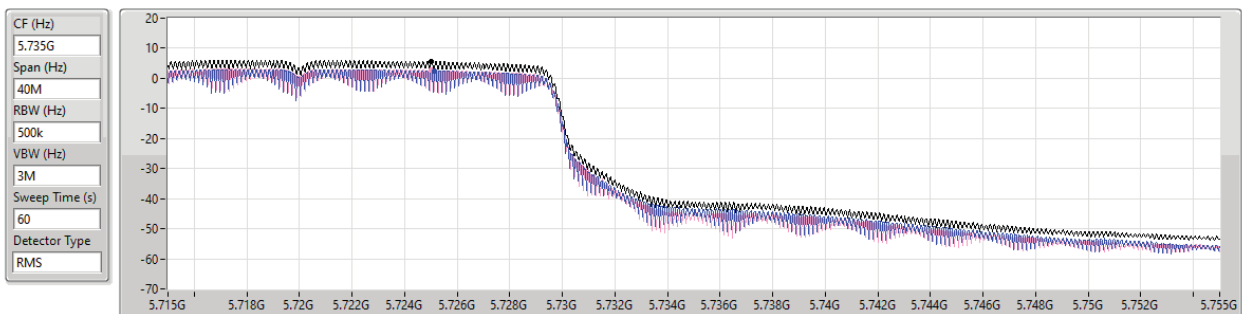
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.48	7.48	4.35	4.64

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

PSD

5720MHz Straddle 5.725-5.85GHz

15/01/2024



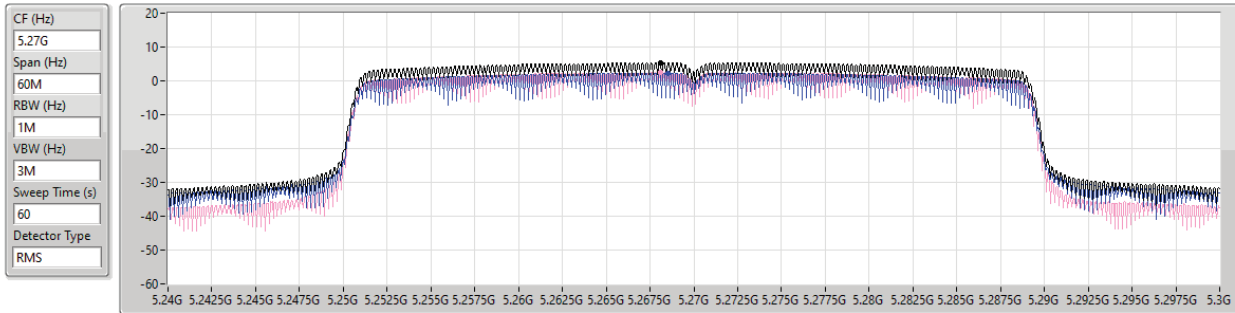
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.52	5.52	2.48	2.61

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

15/01/2024



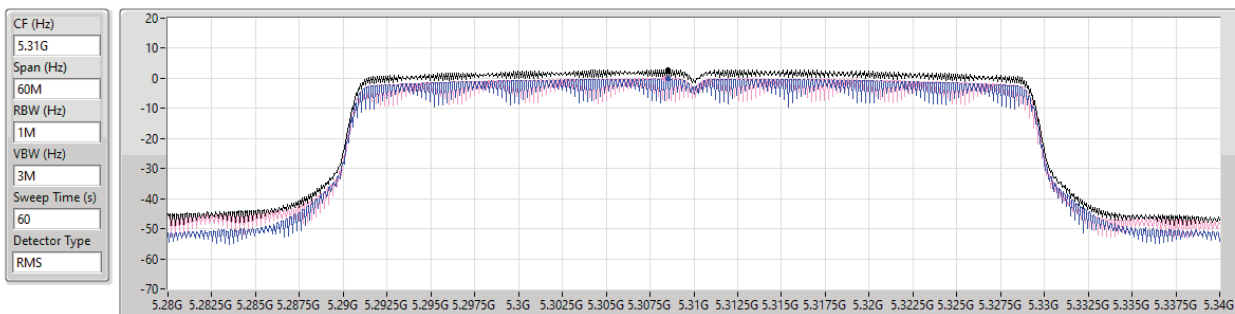
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	2.26	2.41

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	-0.20	-0.06

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

PSD

5510MHz

15/01/2024

CF (Hz)
5.51G

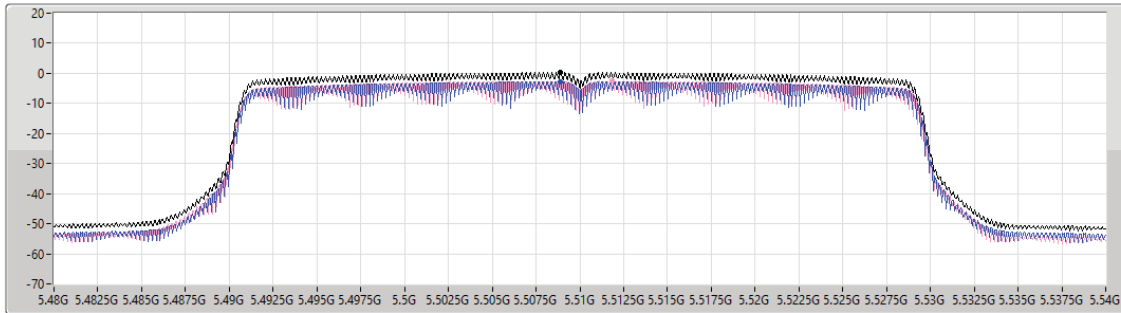
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.20	0.20	-2.89	-2.67

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

PSD

5550MHz

15/01/2024

CF (Hz)
5.55G

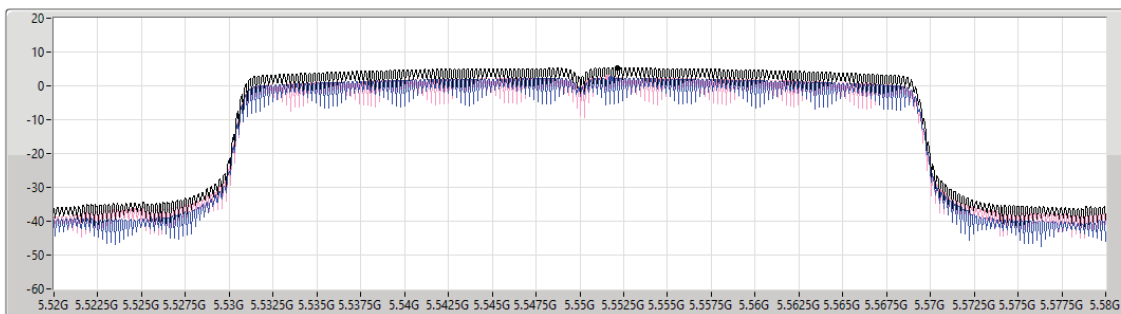
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.27	5.27	2.17	2.38

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

PSD

5670MHz

15/01/2024

CF (Hz)
5.67G

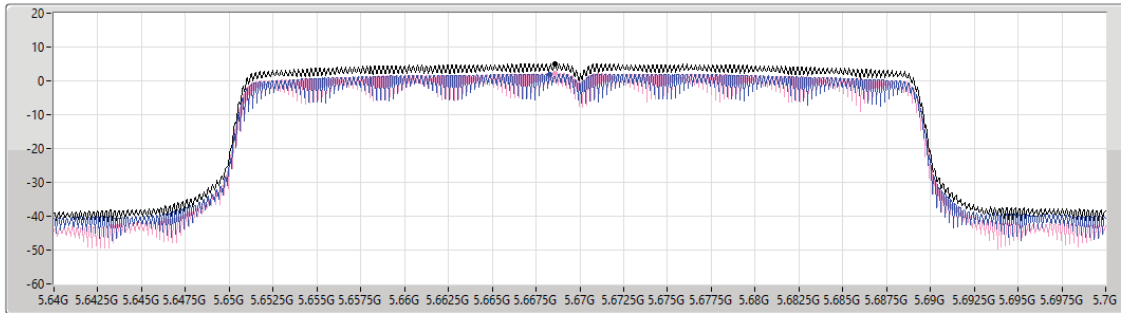
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	1.95	2.13

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

PSD

5710MHz Straddle 5.47-5.725GHz

15/01/2024

CF (Hz)
5.69G

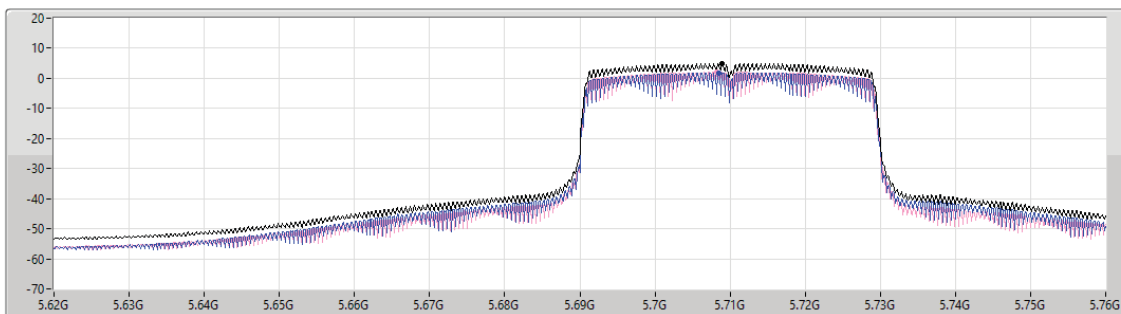
Span (Hz)
140M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

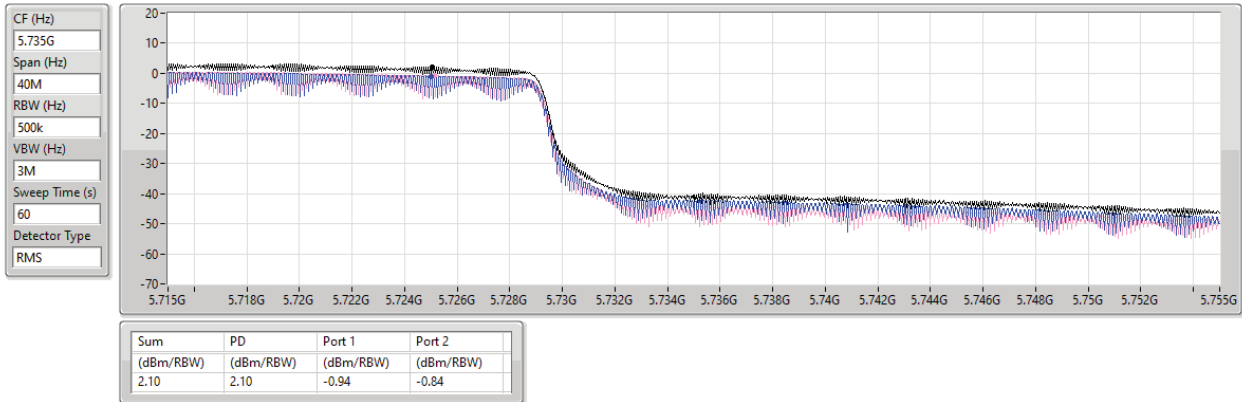
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.85	2.12

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

PSD

5710MHz Straddle 5.725-5.85GHz

15/01/2024

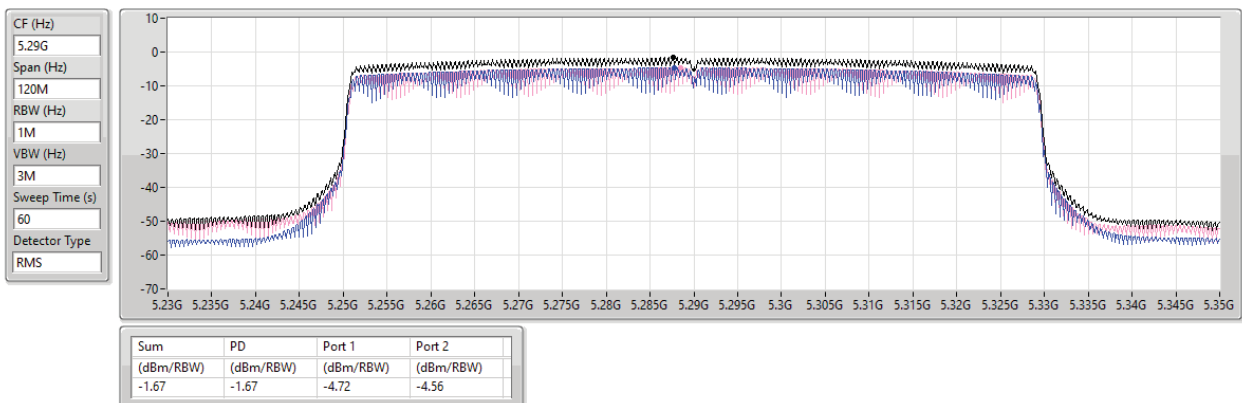


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

15/01/2024

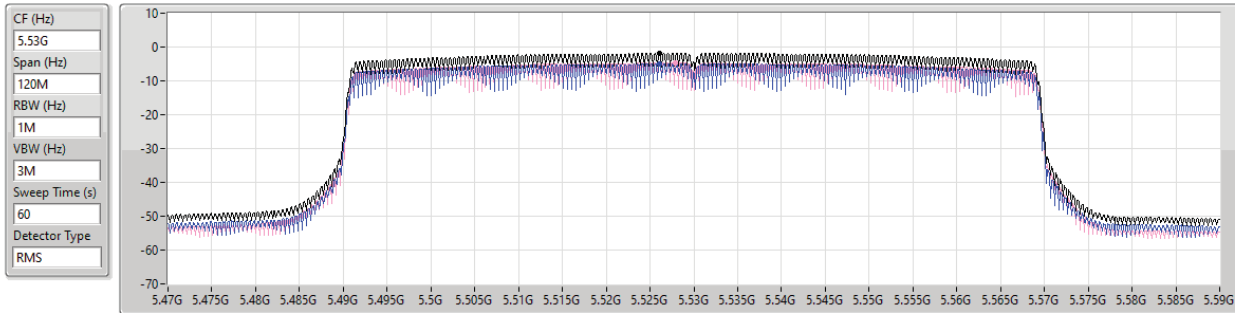


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

15/01/2024



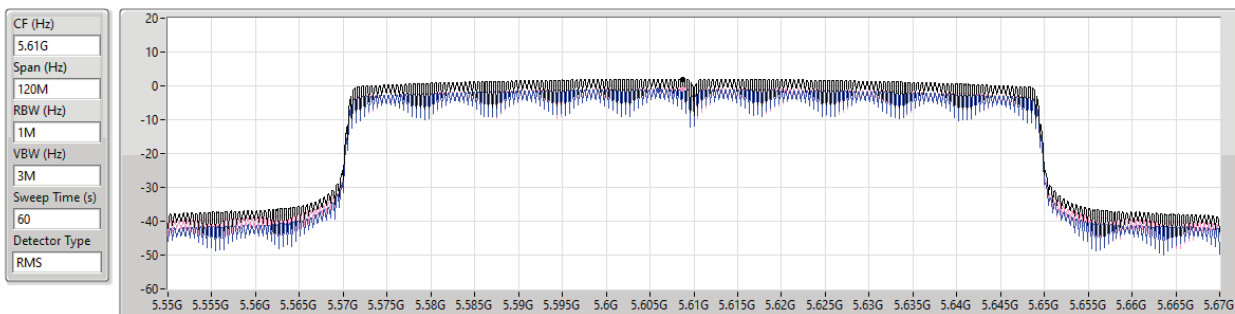
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.87	-1.87	-5.00	-4.65

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

PSD

5610MHz

16/01/2024



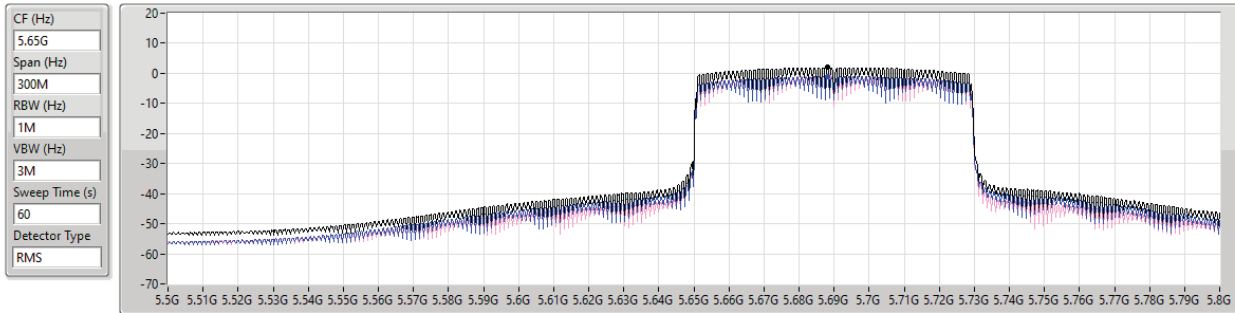
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.00	2.00	-1.10	-0.86

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

PSD

5690MHz Straddle 5.47-5.725GHz

15/01/2024



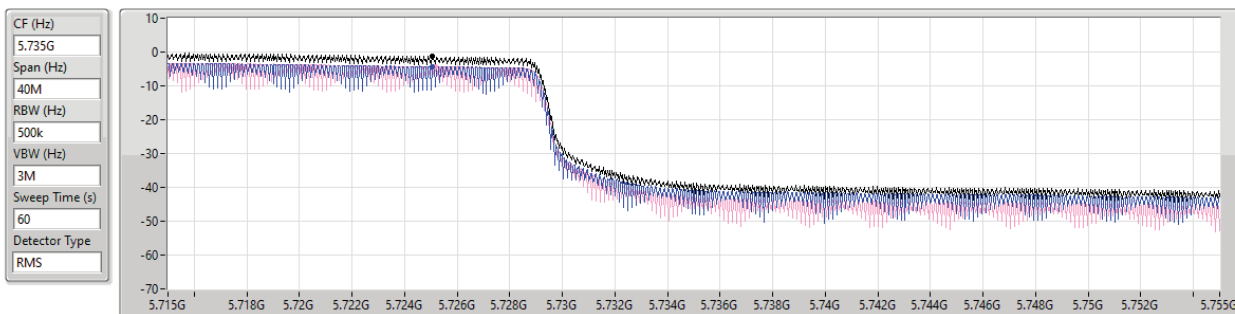
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-1.06	-1.04

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

PSD

5690MHz Straddle 5.725-5.85GHz

15/01/2024



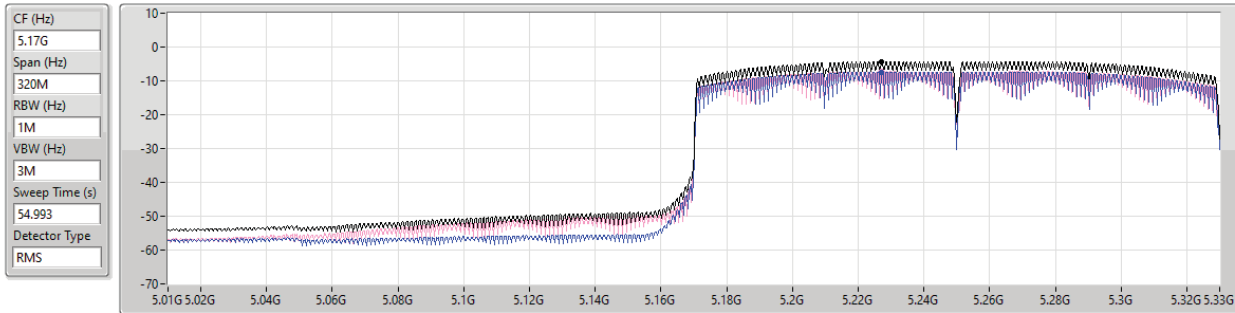
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.39	-1.39	-4.34	-4.42

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/01/2024



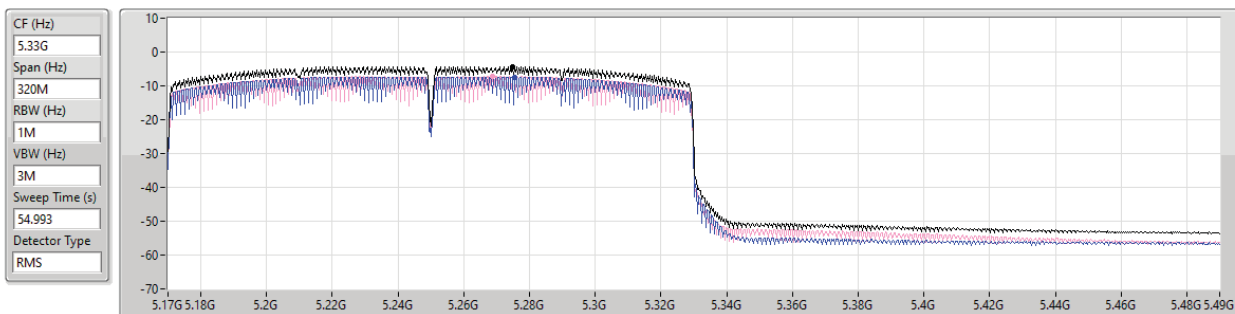
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.32	-4.32	-7.37	-7.29

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.36	-4.36	-7.37	-7.28

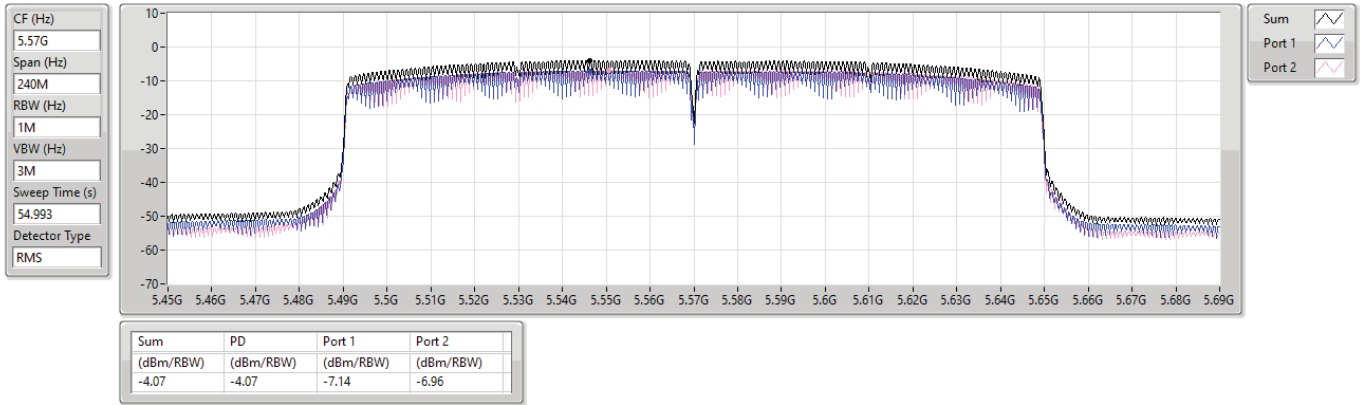


5.47-5.725GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX

PSD

5570MHz

15/01/2024



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	-4.97	2.98
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.62	14.93
802.11be EHT20_Nss1,(MCS0)_4TX	7.12	14.43
802.11be EHT40_Nss1,(MCS0)_4TX	3.95	11.26
802.11be EHT80_Nss1,(MCS0)_4TX	-0.75	6.56
802.11be EHT160_Nss1,(MCS0)_4TX	-4.85	2.46
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.58	16.01
802.11be EHT20_Nss1,(MCS0)_4TX	7.13	15.56
802.11be EHT40_Nss1,(MCS0)_4TX	3.96	12.39
802.11be EHT80_Nss1,(MCS0)_4TX	0.94	9.37
802.11be EHT160_Nss1,(MCS0)_4TX	-5.93	2.50
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.78	14.47
802.11be EHT20_Nss1,(MCS0)_4TX	5.62	14.31
802.11be EHT40_Nss1,(MCS0)_4TX	2.12	10.81
802.11be EHT80_Nss1,(MCS0)_4TX	-1.24	7.45

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	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	7.31	1.81	1.97	1.71	1.42	7.62	9.69	14.93	17.00
5300MHz	Pass	7.31	1.75	2.08	1.59	1.54	7.62	9.69	14.93	17.00
5320MHz	Pass	7.31	1.32	1.44	1.17	1.35	7.28	9.69	14.59	17.00
5500MHz	Pass	8.43	1.36	1.24	1.04	1.43	7.25	8.57	15.68	17.00
5580MHz	Pass	8.43	1.91	1.76	1.86	1.34	7.58	8.57	16.01	17.00
5700MHz	Pass	8.43	1.54	1.35	1.71	1.25	7.35	8.57	15.78	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.43	1.55	1.34	1.79	1.17	7.37	8.57	15.80	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.69	-0.22	-0.22	0.23	-0.59	5.78	27.31	14.47	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	7.31	1.25	1.64	1.29	0.83	7.10	9.69	14.41	17.00
5300MHz	Pass	7.31	1.24	1.32	1.24	1.04	7.12	9.69	14.43	17.00
5320MHz	Pass	7.31	0.82	0.81	0.75	0.93	6.79	9.69	14.10	17.00
5500MHz	Pass	8.43	0.78	0.72	0.70	0.94	6.76	8.57	15.19	17.00
5580MHz	Pass	8.43	1.29	1.42	1.29	0.90	7.13	8.57	15.56	17.00
5700MHz	Pass	8.43	1.17	0.75	1.30	0.76	6.96	8.57	15.39	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.43	1.25	0.88	1.37	0.79	7.03	8.57	15.46	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.69	-0.35	-0.55	0.14	-0.64	5.62	27.31	14.31	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	7.31	-1.72	-1.56	-1.66	-1.99	3.95	9.69	11.26	17.00
5310MHz	Pass	7.31	-2.99	-3.13	-3.03	-3.07	2.91	9.69	10.22	17.00
5510MHz	Pass	8.43	-7.83	-8.03	-8.00	-8.01	-1.99	8.57	6.44	17.00
5550MHz	Pass	8.43	-2.24	-2.04	-2.13	-2.25	3.73	8.57	12.16	17.00
5670MHz	Pass	8.43	-6.43	-7.16	-6.86	-7.24	-0.93	8.57	7.50	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.43	-1.93	-2.01	-1.60	-2.59	3.96	8.57	12.39	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.69	-3.74	-3.69	-3.61	-4.43	2.12	27.31	10.81	36.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.55	-6.59	-6.66	-6.79	-0.75	9.69	6.56	17.00
5530MHz	Pass	8.43	-11.01	-10.93	-11.20	-10.93	-5.06	8.57	3.37	17.00
5610MHz	Pass	8.43	-5.62	-5.69	-5.93	-6.43	0.06	8.57	8.49	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.64	-5.24	-4.75	-5.28	0.94	8.57	9.37	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.18	-6.99	-7.08	-7.65	-1.24	27.31	7.45	36.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-10.91	-10.76	-10.74	-11.22	-4.97	15.05	2.98	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.68	-10.66	-10.83	-10.75	-4.85	9.69	2.46	17.00
5570MHz	Pass	8.43	-11.79	-12.13	-11.84	-11.88	-5.93	8.57	2.50	17.00

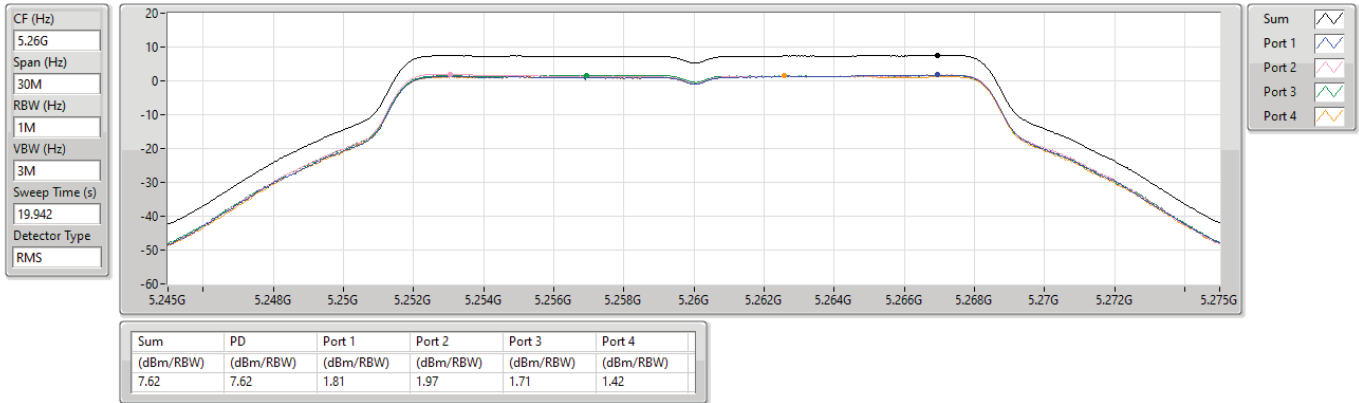
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

PSD

5260MHz

17/01/2024

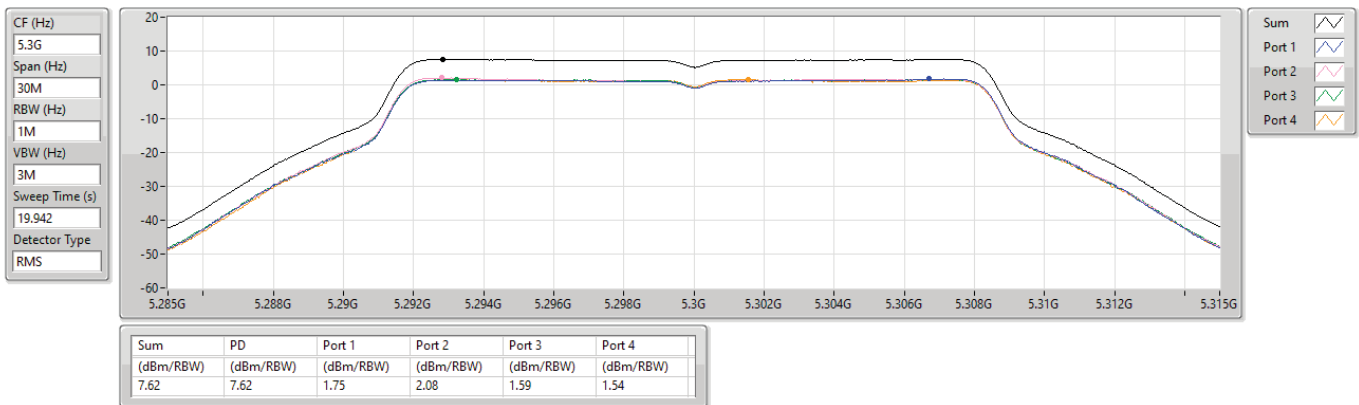


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

17/01/2024



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

PSD

5320MHz

17/01/2024

CF (Hz)
5.32G

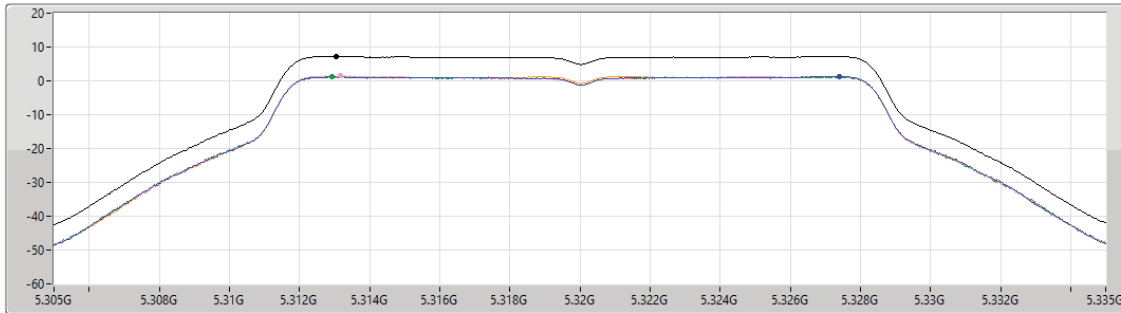
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.942

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	1.32	1.44	1.17	1.35

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

PSD

5500MHz

17/01/2024

CF (Hz)
5.5G

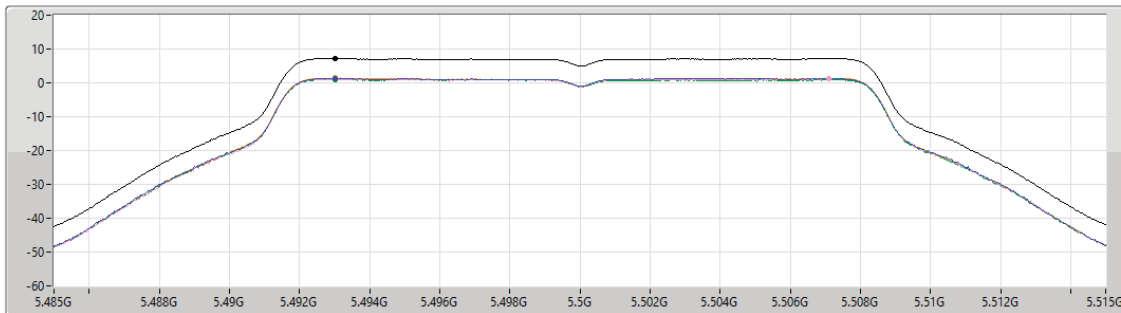
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.942

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

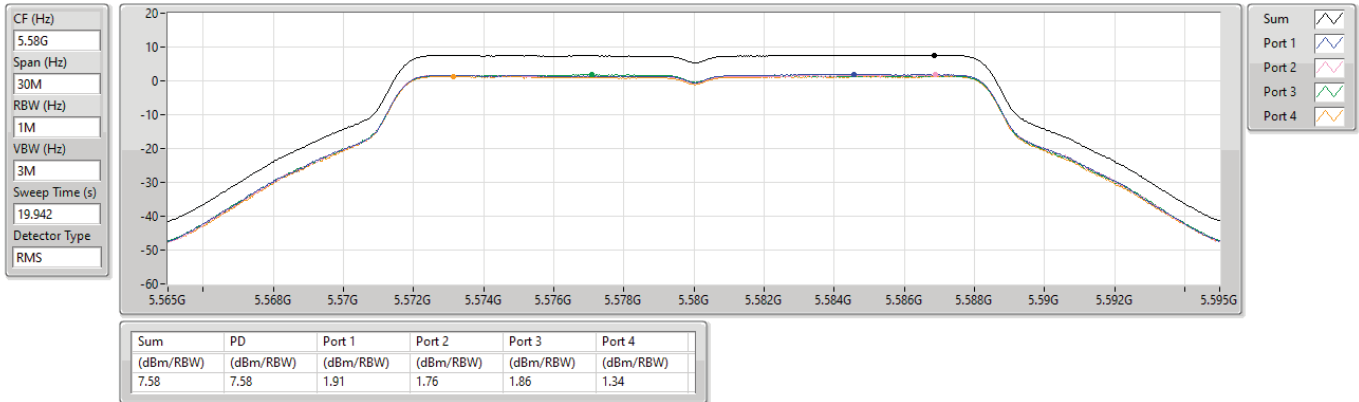
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	1.36	1.24	1.04	1.43

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

PSD

5580MHz

17/01/2024

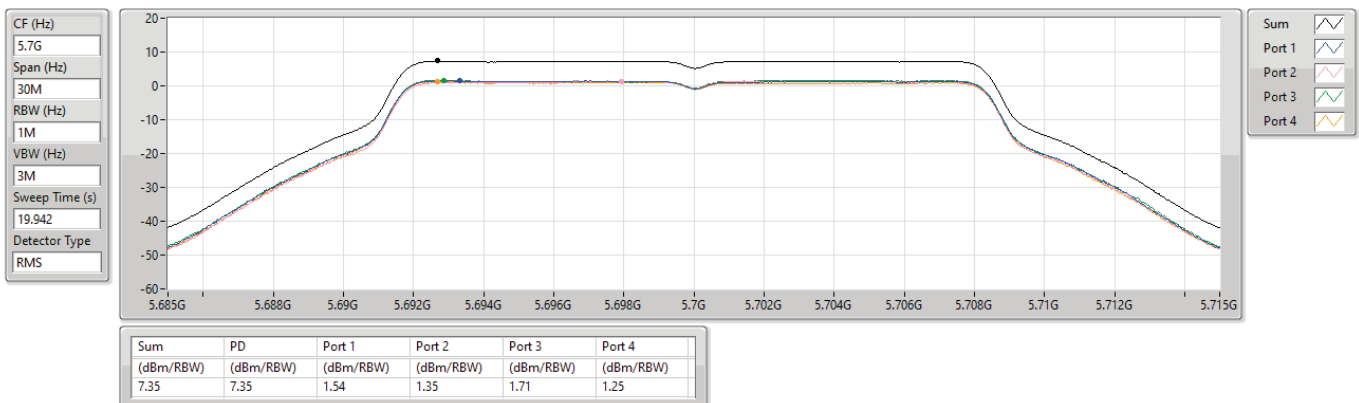


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

17/01/2024

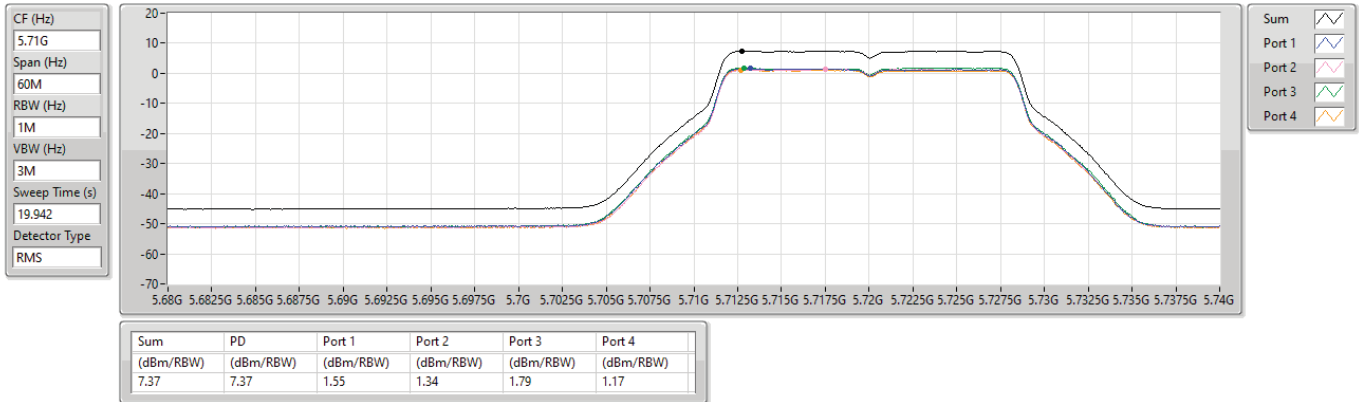


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

17/01/2024

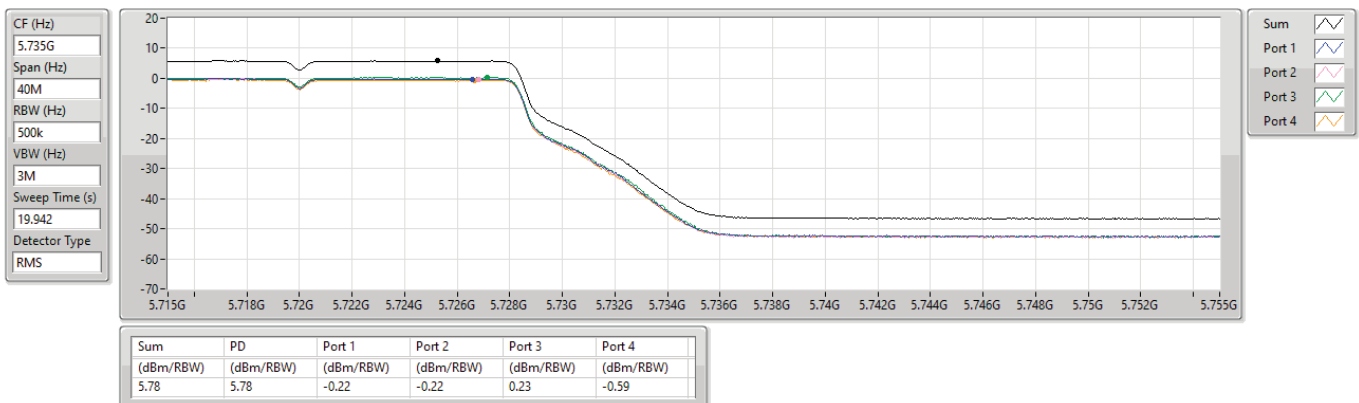


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

17/01/2024

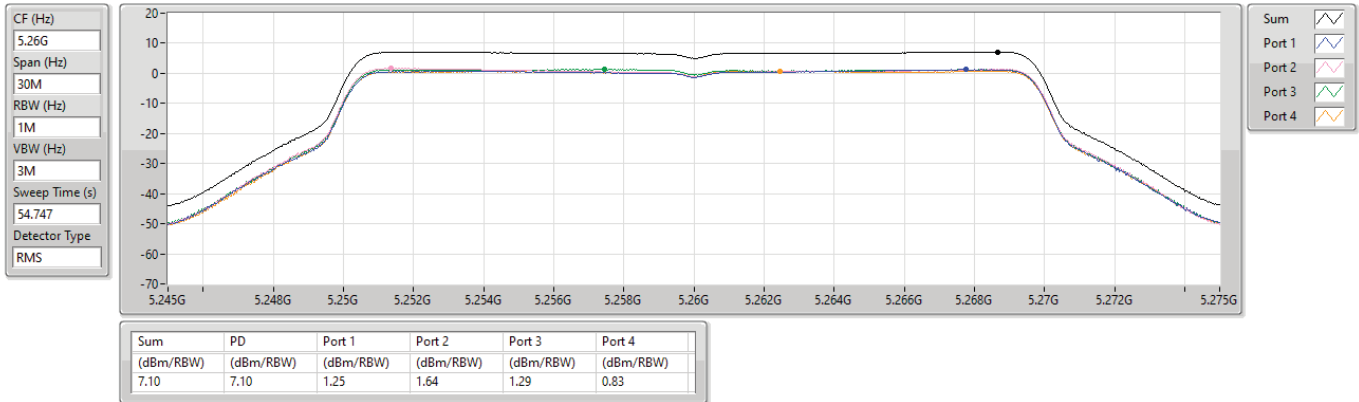


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

17/01/2024

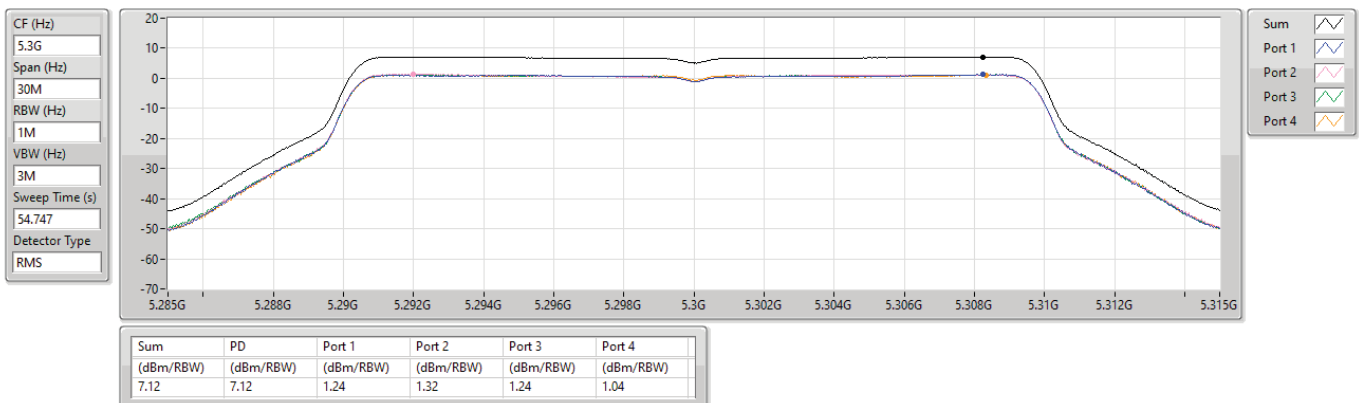


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

17/01/2024



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

17/01/2024

CF (Hz)
5.32G

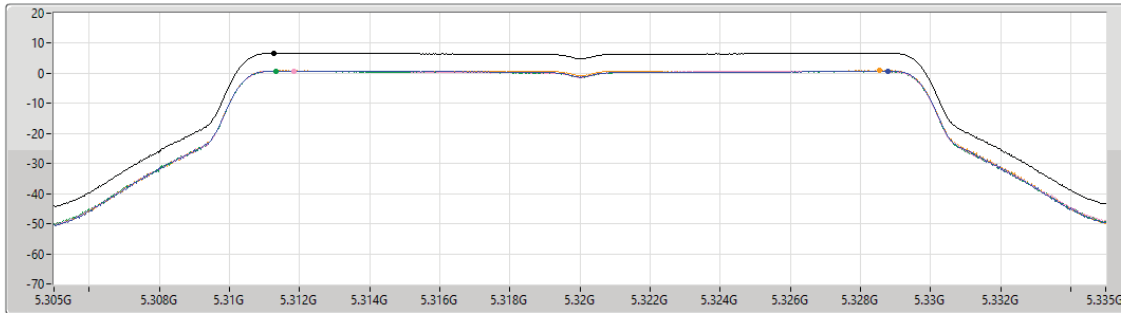
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.747

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.79	6.79	0.82	0.81	0.75	0.93

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

17/01/2024

CF (Hz)
5.5G

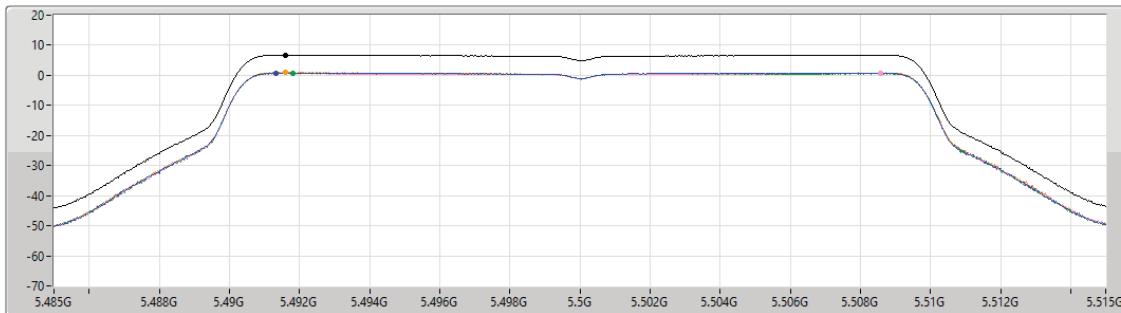
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.747

Detector Type
RMS



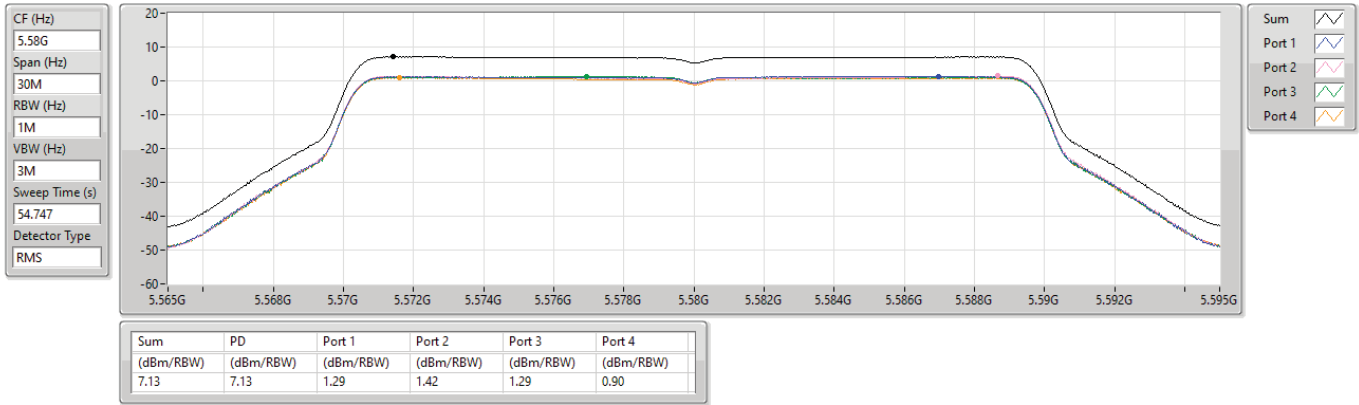
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	0.78	0.72	0.70	0.94

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

17/01/2024

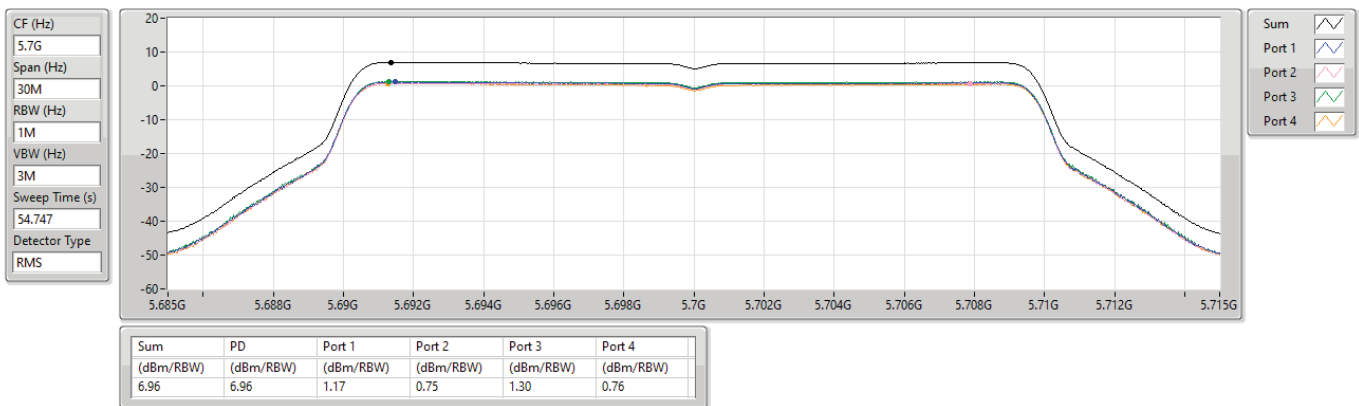


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

16/01/2024

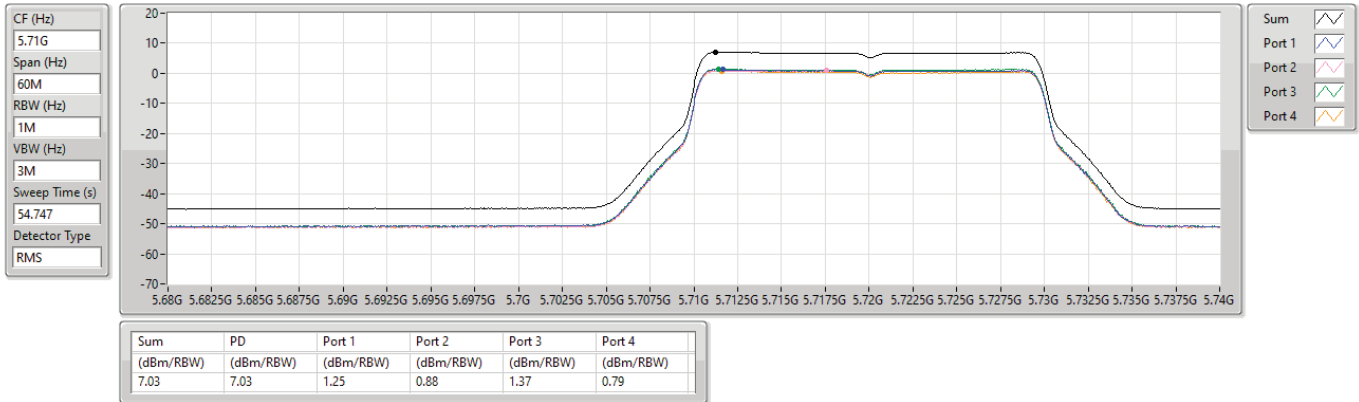


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

17/01/2024

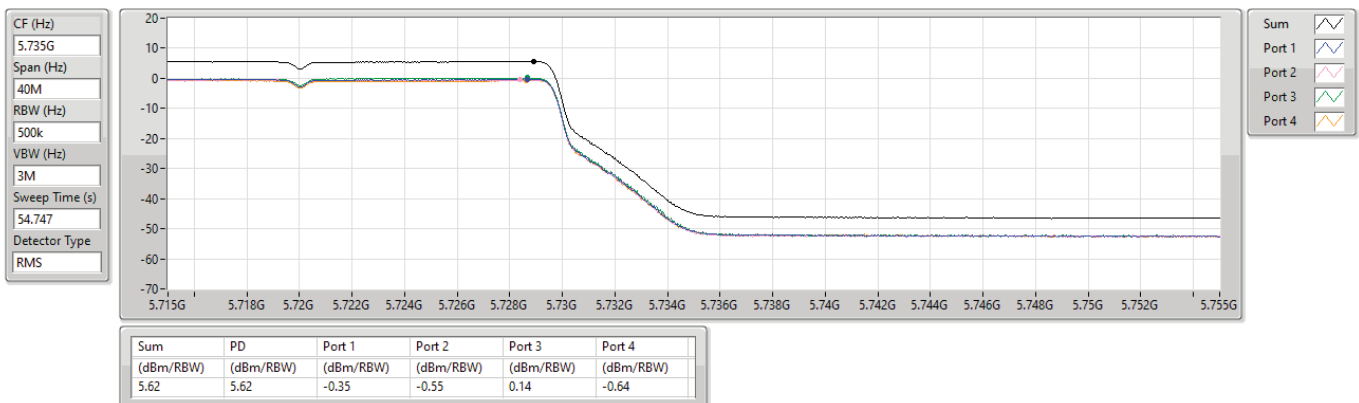


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

17/01/2024



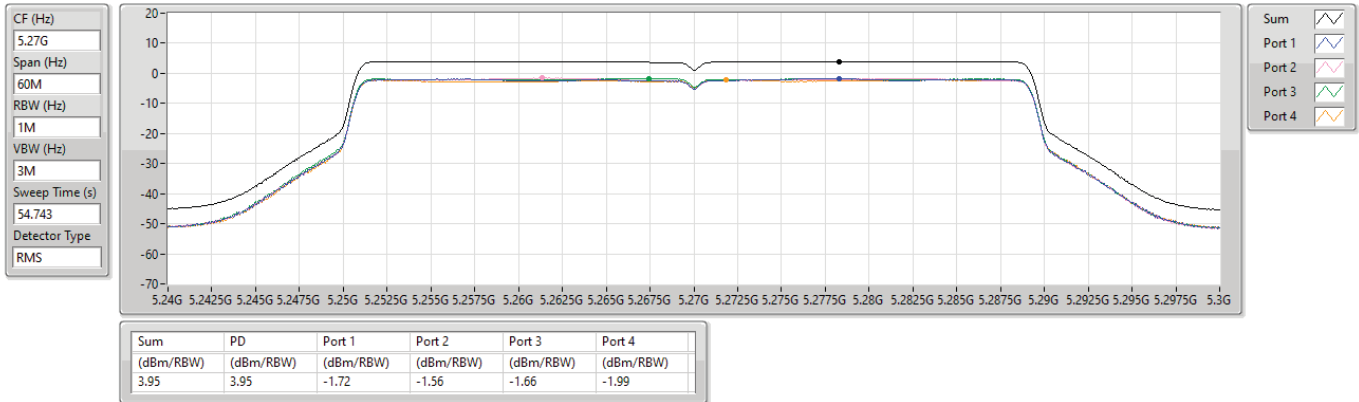


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

17/01/2024

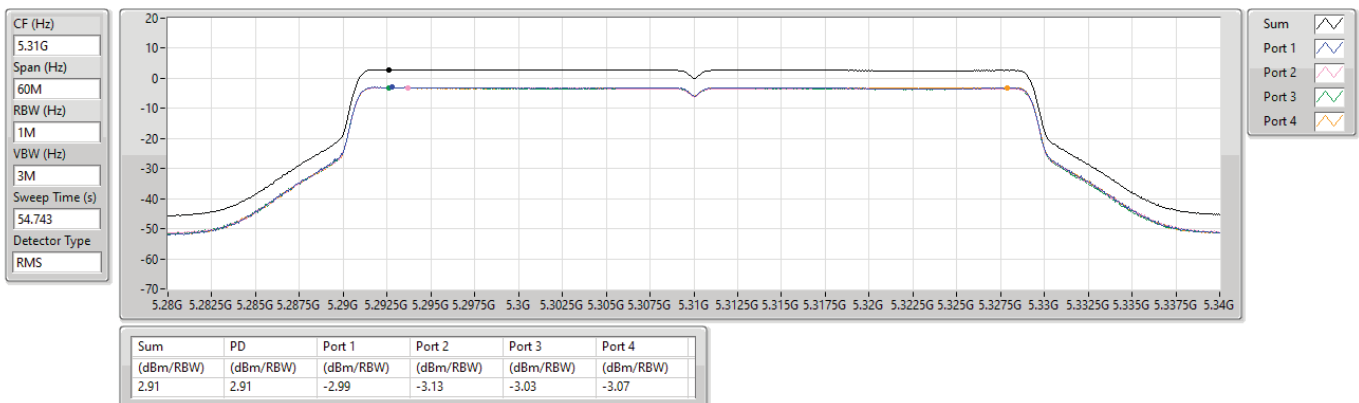


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

16/01/2024

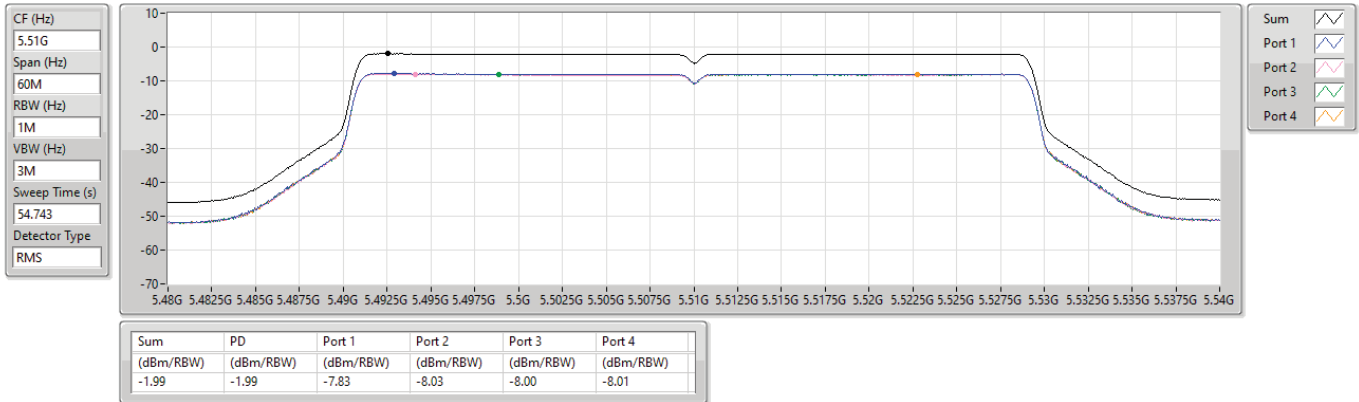


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

16/01/2024

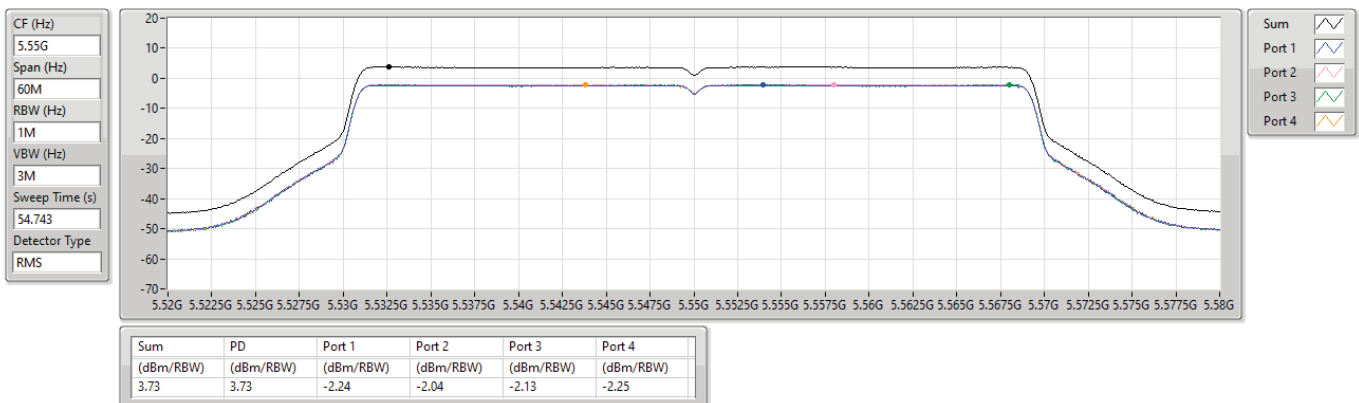


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

17/01/2024

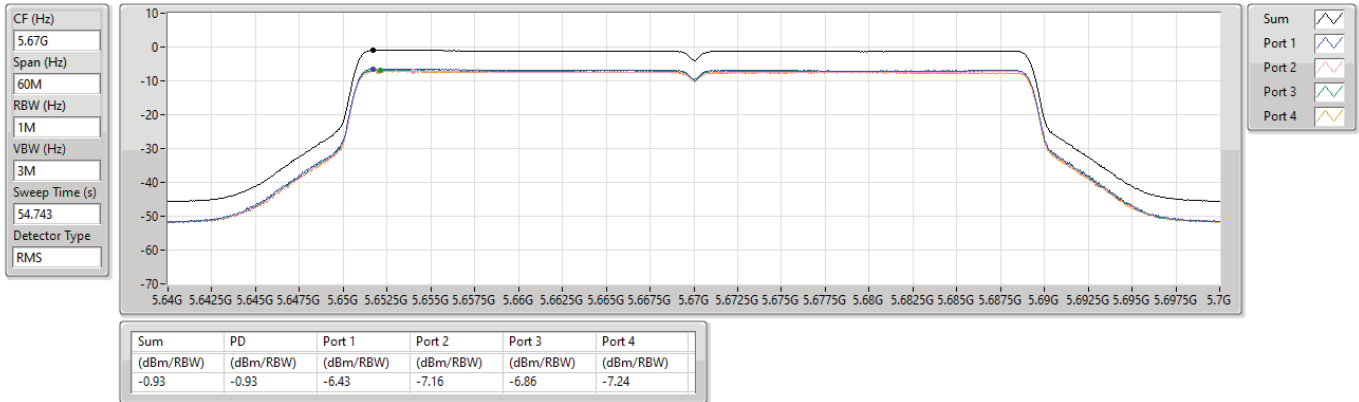


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

16/01/2024

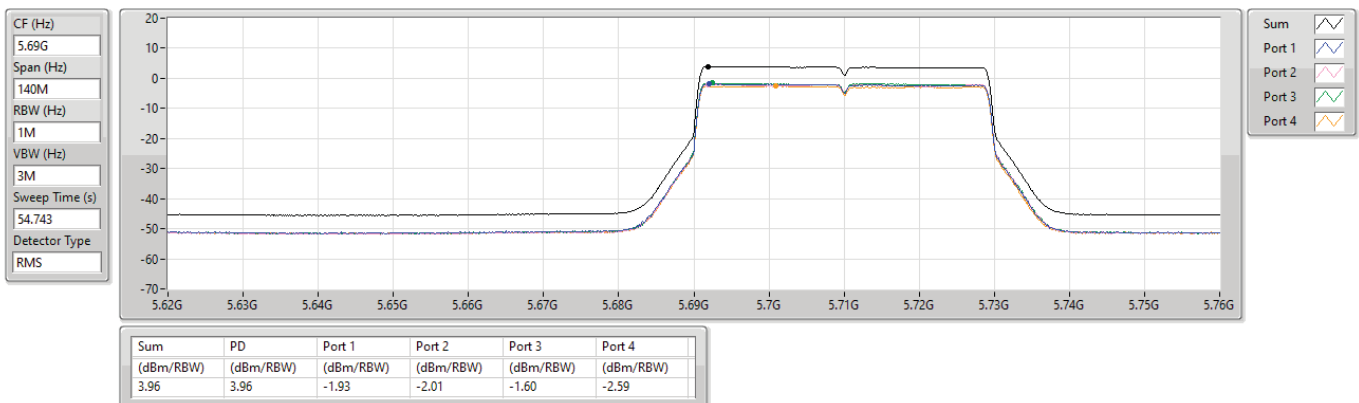


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

17/01/2024

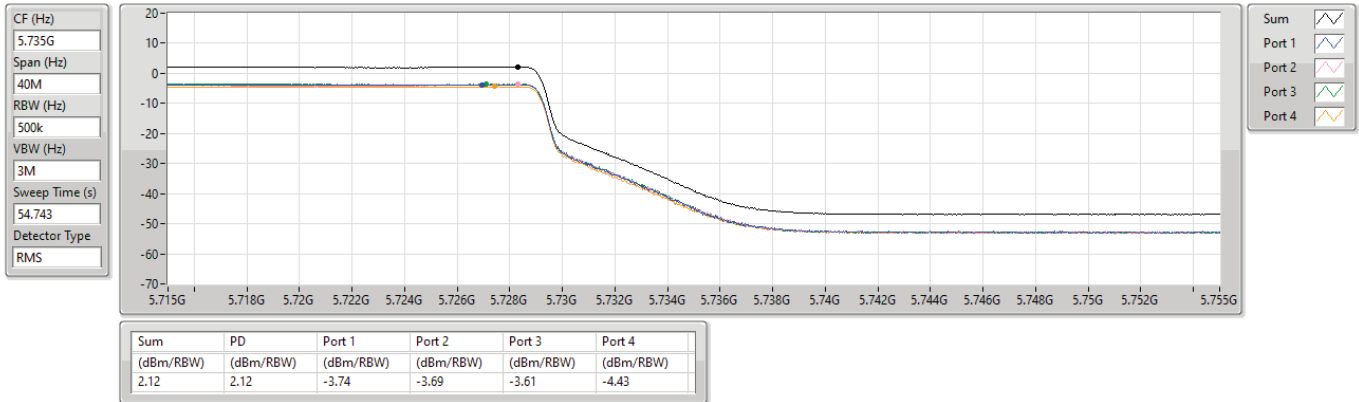


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

17/01/2024

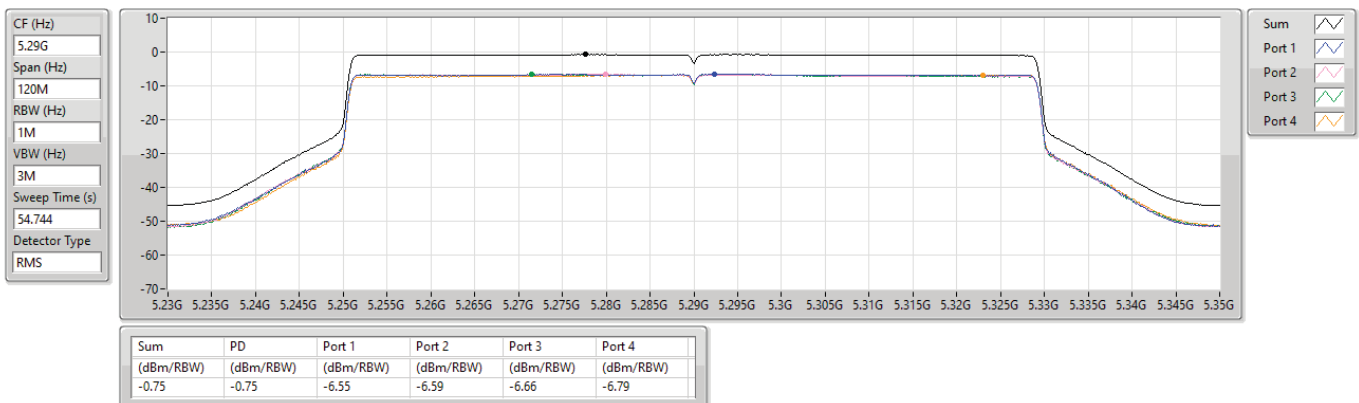


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

16/01/2024



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

16/01/2024

CF (Hz)
5.53G

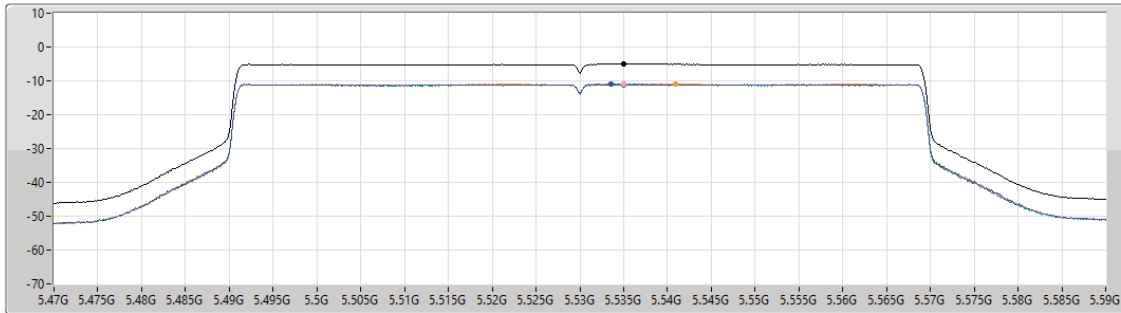
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Port 3 ☒

Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.06	-5.06	-11.01	-10.93	-11.20	-10.93

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

16/01/2024

CF (Hz)
5.61G

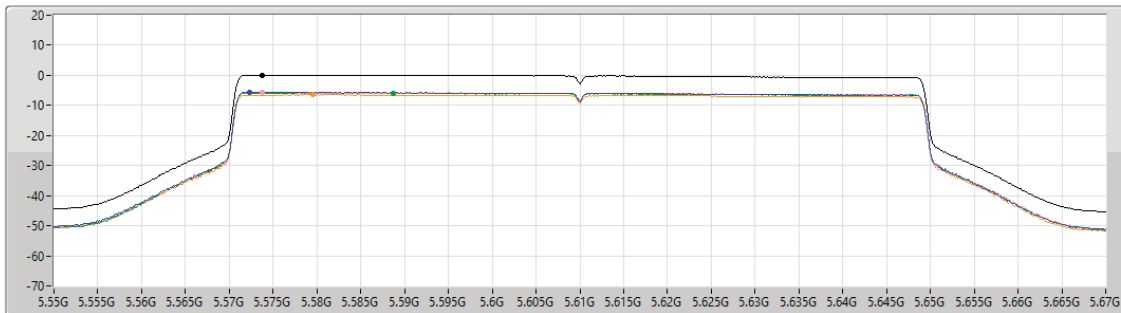
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Port 3 ☒

Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.06	0.06	-5.62	-5.69	-5.93	-6.43

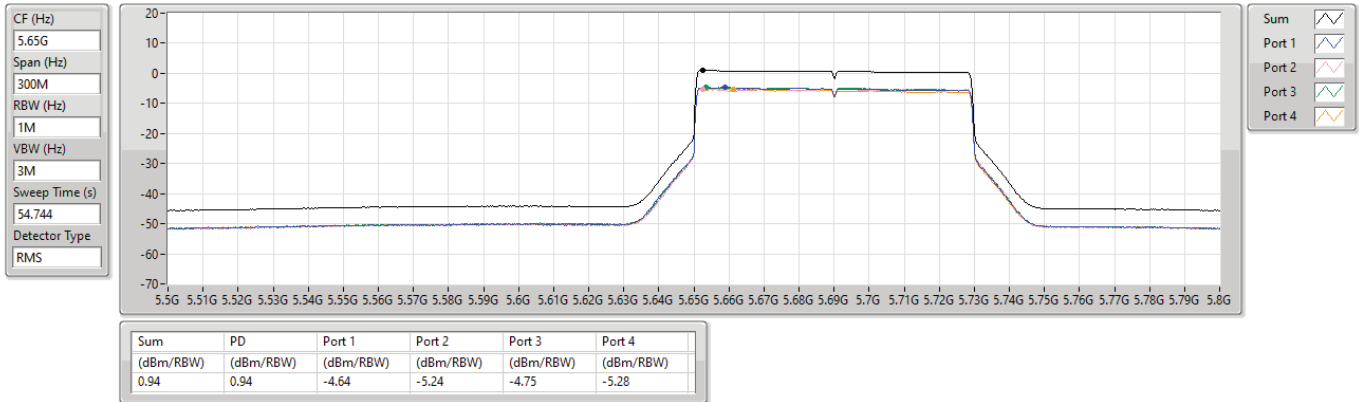


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

17/01/2024

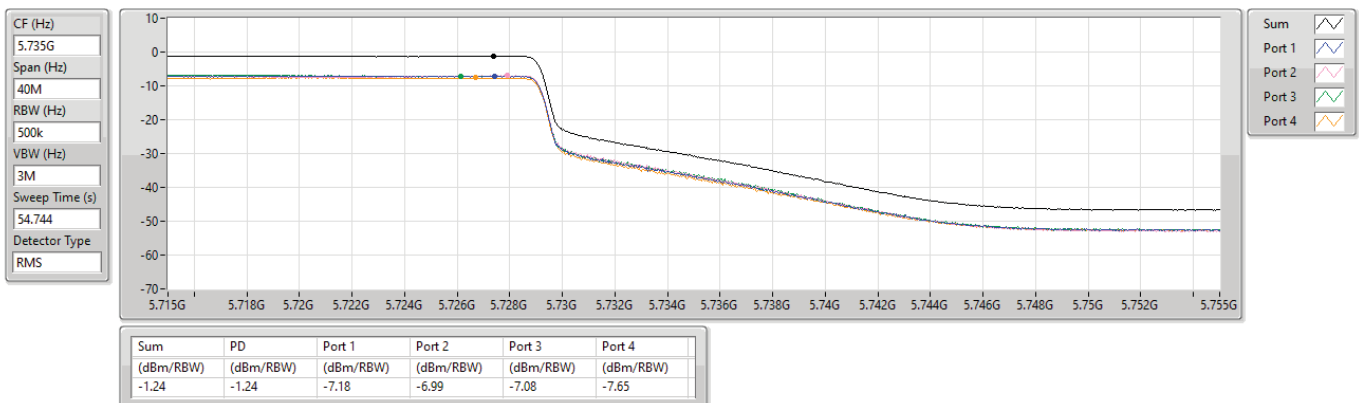


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

17/01/2024

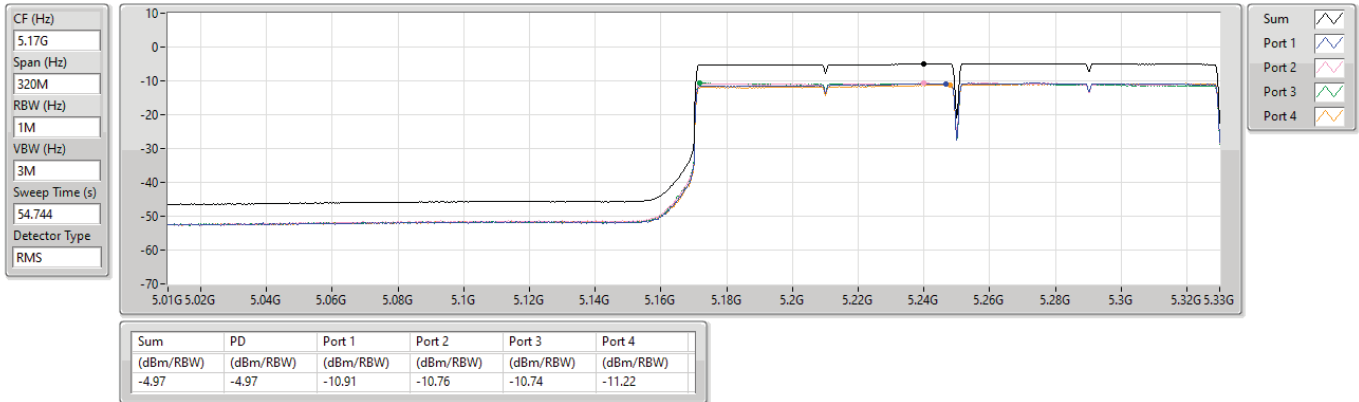


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

16/01/2024

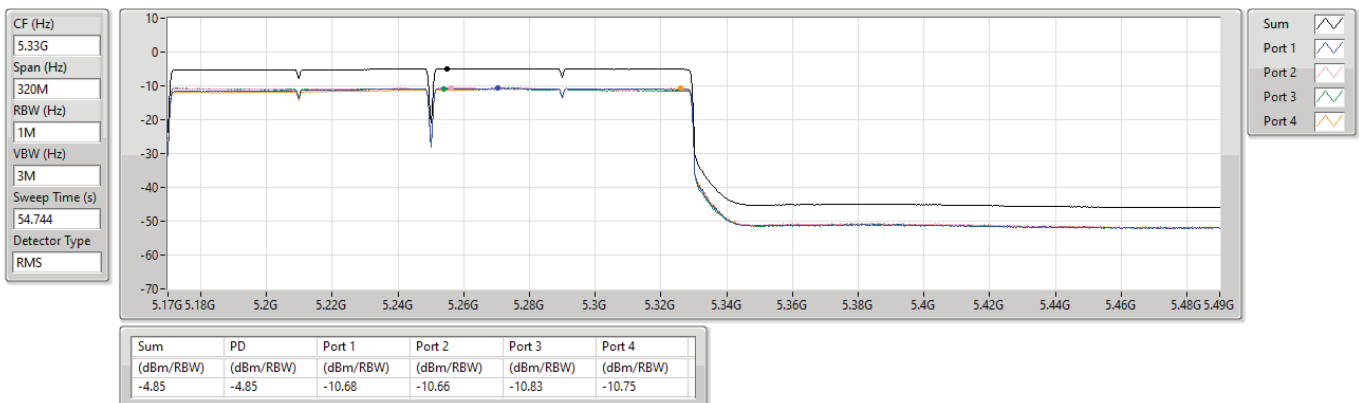


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

16/01/2024



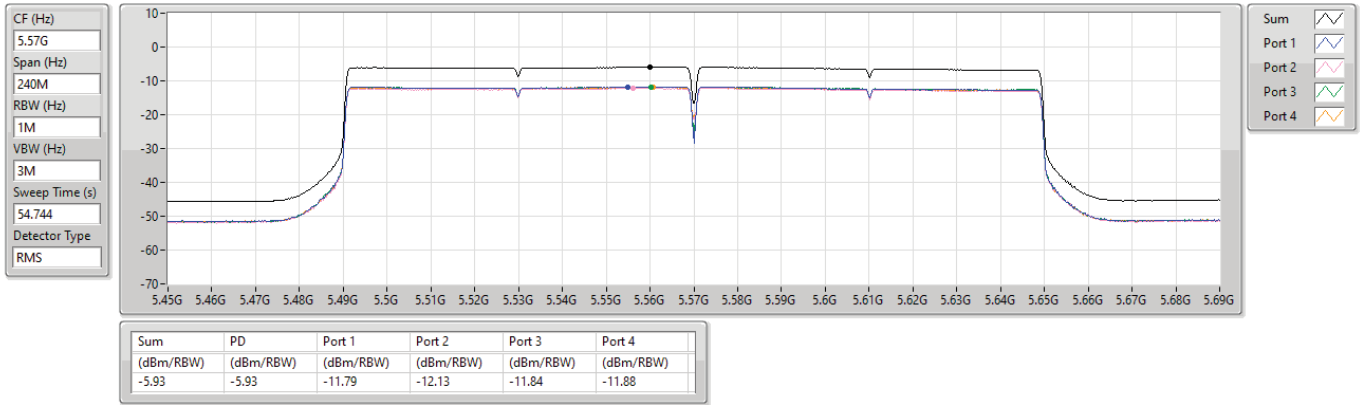


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

16/01/2024



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	-5.12	2.83
802.11be EHT160_Nss1,(MCS4)_4TX	-5.18	2.77
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	-0.85	6.46
802.11be EHT80_Nss1,(MCS4)_4TX	-0.83	6.48
802.11be EHT160_Nss1,(MCS0)_4TX	-4.91	2.40
802.11be EHT160_Nss1,(MCS4)_4TX	-4.92	2.39
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	0.68	9.11
802.11be EHT80_Nss1,(MCS4)_4TX	0.74	9.17
802.11be EHT160_Nss1,(MCS0)_4TX	-6.20	2.23
802.11be EHT160_Nss1,(MCS4)_4TX	-6.06	2.37
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	-1.62	7.07
802.11be EHT80_Nss1,(MCS4)_4TX	-1.51	7.18

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.64	-6.48	-6.54	-6.58	-0.85	9.69	6.46	17.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.69	-6.52	-6.54	-6.74	-0.83	9.69	6.48	17.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.94	-6.86	-6.8	-6.96	-1.08	9.69	6.23	17.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.59	-6.73	-6.51	-6.7	-1.07	9.69	6.24	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.4	-11.32	-11.43	-11.18	-5.45	8.57	2.98	17.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.44	-11.45	-11.47	-11.26	-5.56	8.57	2.87	17.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.18	-11.02	-11.19	-10.9	-5.20	8.57	3.23	17.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-10.82	-10.72	-10.85	-10.71	-5.30	8.57	3.13	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.99	-6.1	-6.1	-6.34	-0.20	8.57	8.23	17.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-6.05	-6.13	-6.11	-6.44	-0.32	8.57	8.11	17.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.81	-5.81	-5.8	-6.08	-0.10	8.57	8.33	17.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.99	-6.17	-5.86	-6.23	-0.53	8.57	7.90	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.59	-5.36	-5.17	-5.23	0.68	8.57	9.11	17.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.7	-5.42	-5.25	-5.21	0.74	8.57	9.17	17.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.96	-5.67	-5.31	-5.54	0.60	8.57	9.03	17.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.57	-5.17	-5.13	-5.26	0.65	8.57	9.08	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.18	-7.1	-7.28	-7.68	-1.62	27.31	7.07	36.00
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.34	-7.15	-7.28	-7.74	-1.51	27.31	7.18	36.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.49	-7.36	-7.3	-7.86	-1.66	27.31	7.03	36.00
802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.35	-6.9	-7.08	-7.7	-1.81	27.31	6.88	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.41	-10.92	-10.58	-11.80	-5.37	15.05	2.58	23.00
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.31	-10.82	-10.40	-11.43	-5.45	15.05	2.50	23.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.01	-10.77	-10.44	-11.38	-5.12	15.05	2.83	23.00
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.26	-10.89	-10.55	-11.45	-5.18	15.05	2.77	23.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.62	-11.41	-10.58	-11.64	-5.42	15.05	2.53	23.00
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.25	-10.87	-10.10	-11.29	-5.38	15.05	2.57	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-



PSD_Non-Beamforming_Radio 3_Multi-RU

Appendix C.3

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)
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.73	-10.85	-10.81	-10.68	-4.91	9.69	2.40	17.00
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.66	-10.62	-10.39	-10.30	-4.93	9.69	2.38	17.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.56	-10.69	-10.59	-10.43	-4.91	9.69	2.40	17.00
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.77	-11.00	-10.83	-10.65	-5.01	9.69	2.30	17.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.98	-11.41	-10.98	-10.60	-5.11	9.69	2.20	17.00
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.40	-10.83	-10.64	-10.14	-4.92	9.69	2.39	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.17	-12.30	-11.80	-11.94	-6.20	8.57	2.23	17.00
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.11	-12.11	-11.77	-11.59	-6.26	8.57	2.17	17.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.29	-12.51	-12.20	-11.91	-6.41	8.57	2.02	17.00
802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.06	-12.06	-11.81	-11.74	-6.06	8.57	2.37	17.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.12	-12.31	-12.13	-11.77	-6.20	8.57	2.23	17.00
802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.67	-11.77	-11.35	-11.44	-6.06	8.57	2.37	17.00

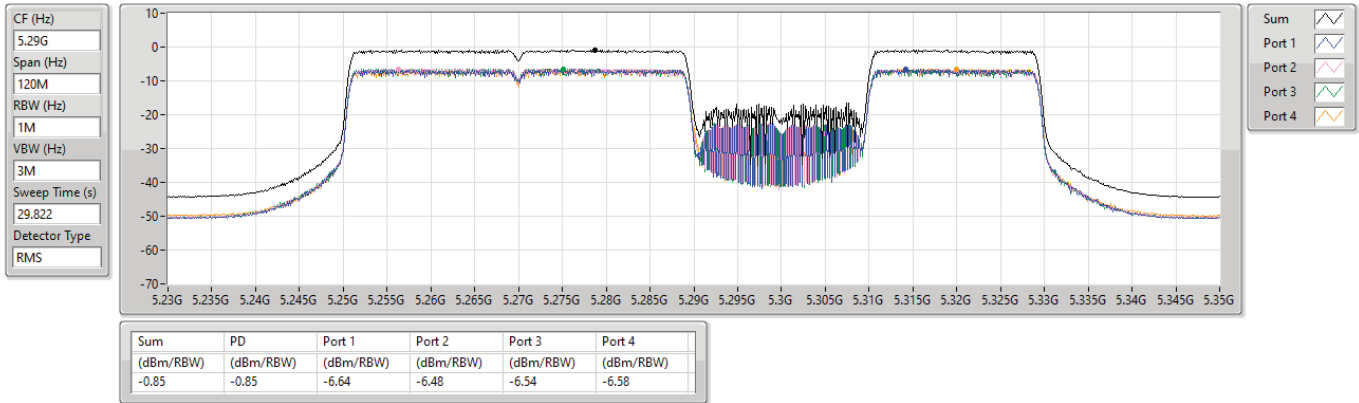
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

PSD

5290MHz

24/01/2024

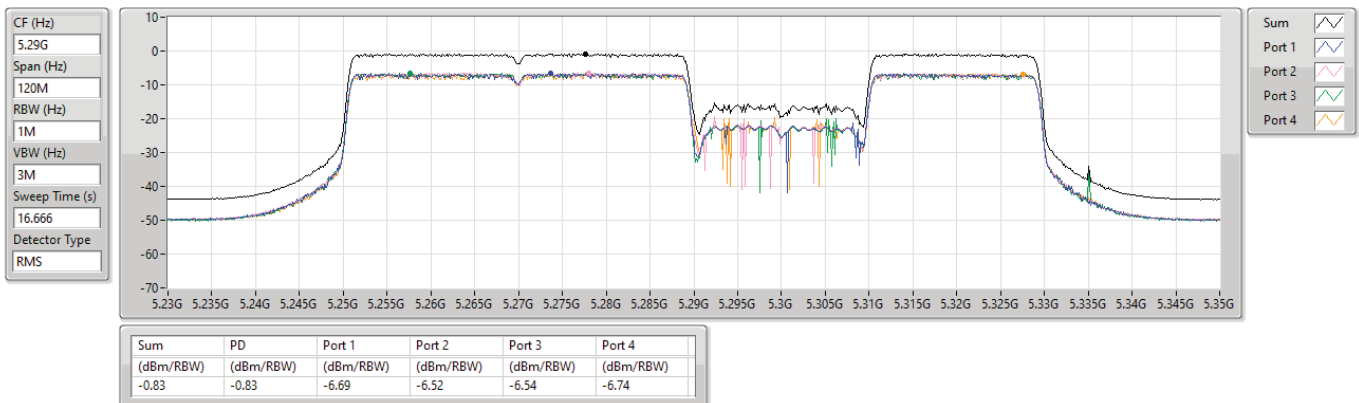


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

PSD

5290MHz

24/01/2024

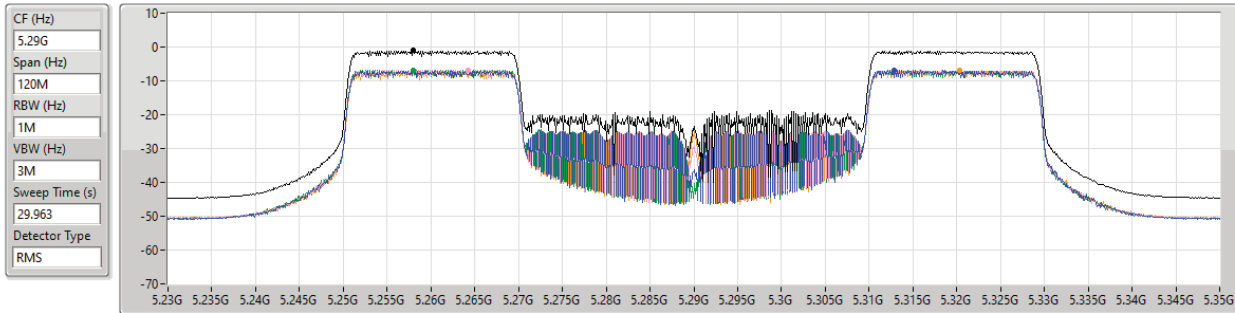


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

PSD

5290MHz

24/01/2024



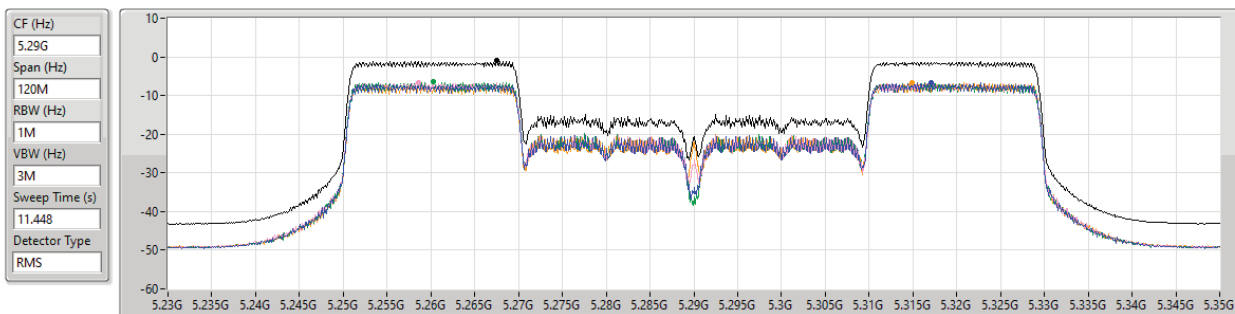
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.08	-1.08	-6.94	-6.86	-6.80	-6.96

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

PSD

5290MHz

24/01/2024



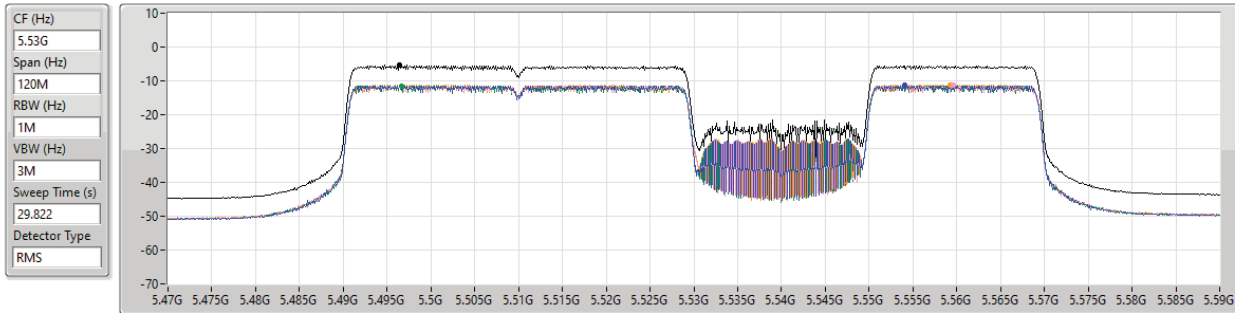
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.07	-1.07	-6.59	-6.73	-6.51	-6.70

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

PSD

5530MHz

24/01/2024



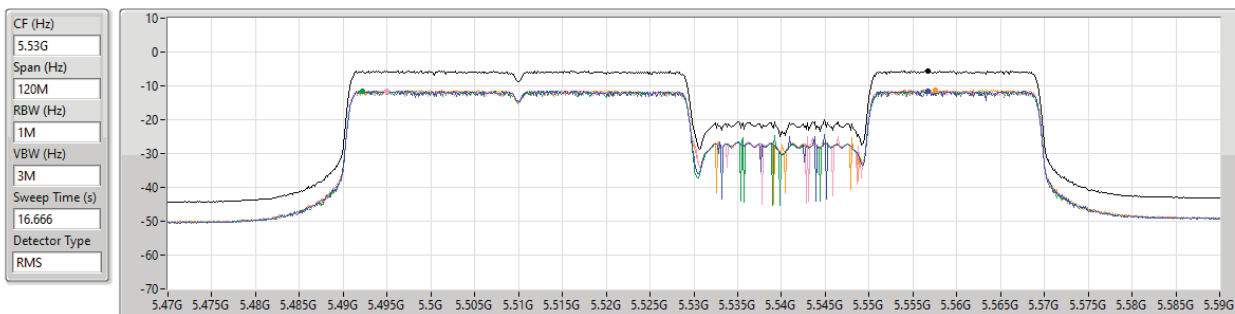
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.45	-5.45	-11.40	-11.32	-11.43	-11.18

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

PSD

5530MHz

24/01/2024



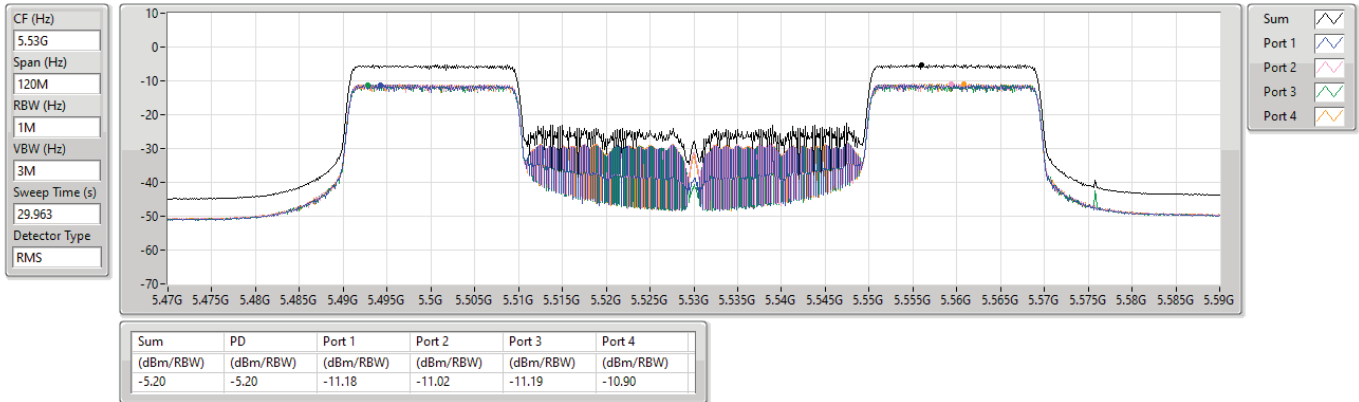
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.56	-5.56	-11.44	-11.45	-11.47	-11.26

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

PSD

5530MHz

24/01/2024

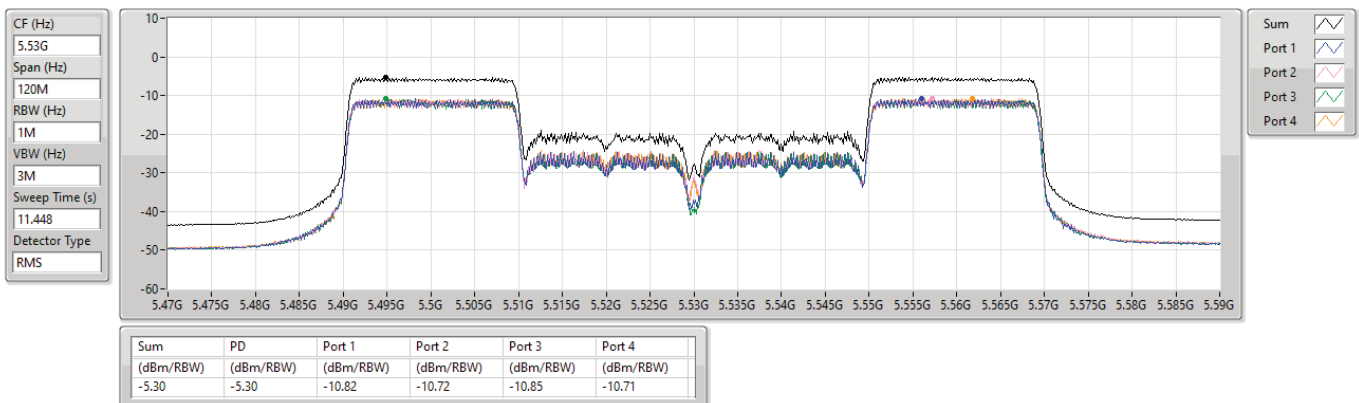


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

PSD

5530MHz

24/01/2024

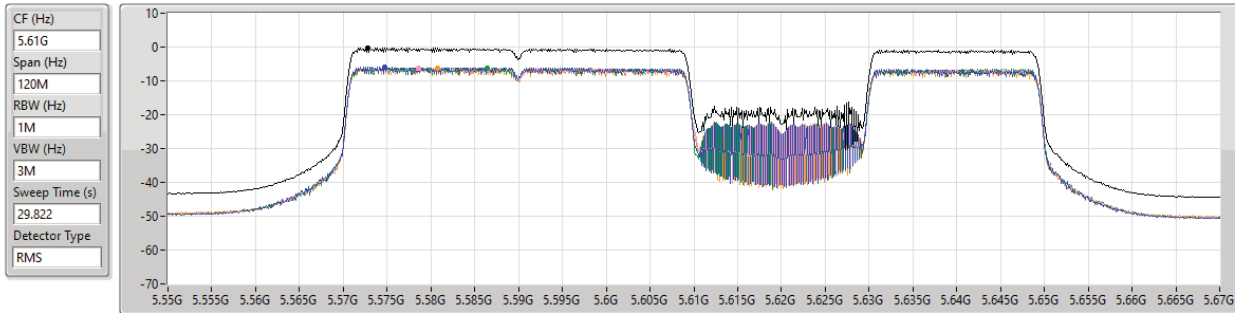


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

PSD

5610MHz

24/01/2024



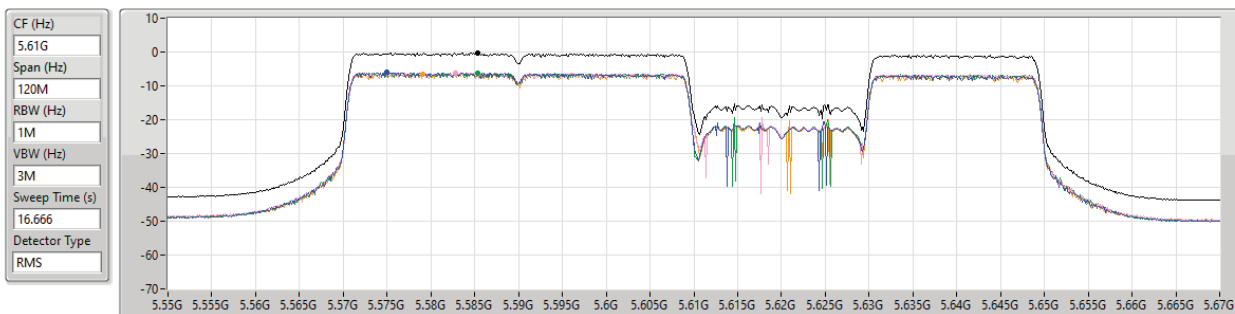
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.20	-0.20	-5.99	-6.10	-6.10	-6.34

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

PSD

5610MHz

24/01/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.32	-0.32	-6.05	-6.13	-6.11	-6.44

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

PSD

5610MHz

24/01/2024

CF (Hz)
5.61G

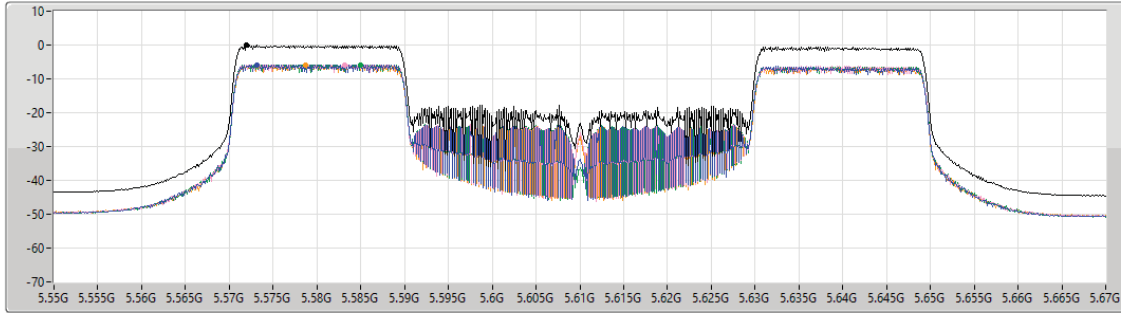
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
29.963

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.10	-0.10	-5.81	-5.81	-5.80	-6.08

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

PSD

5610MHz

24/01/2024

CF (Hz)
5.61G

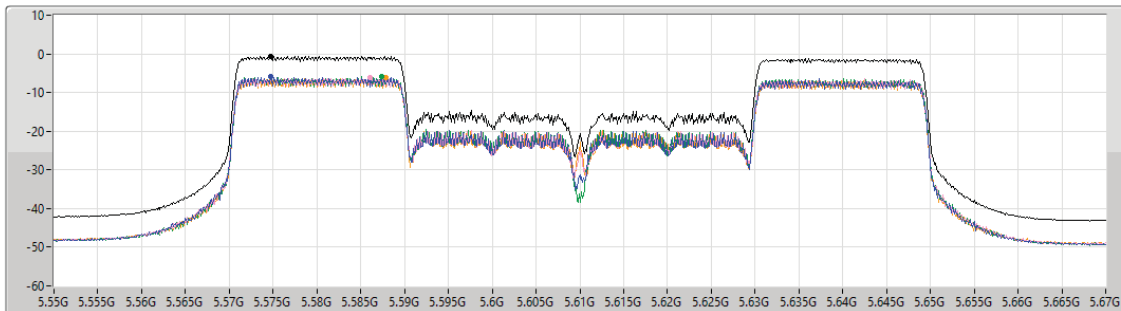
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
11.448

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

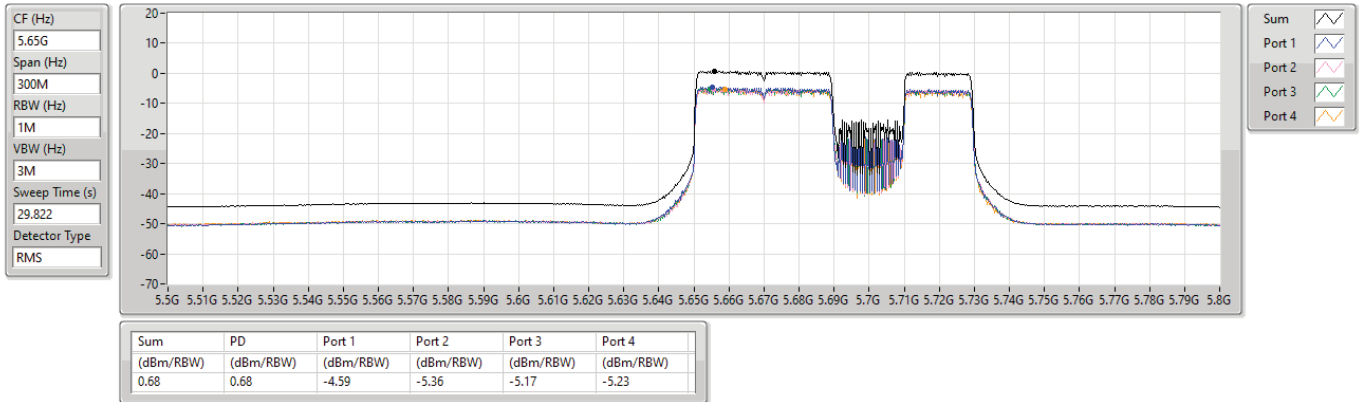
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.53	-0.53	-5.99	-6.17	-5.86	-6.23

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/01/2024

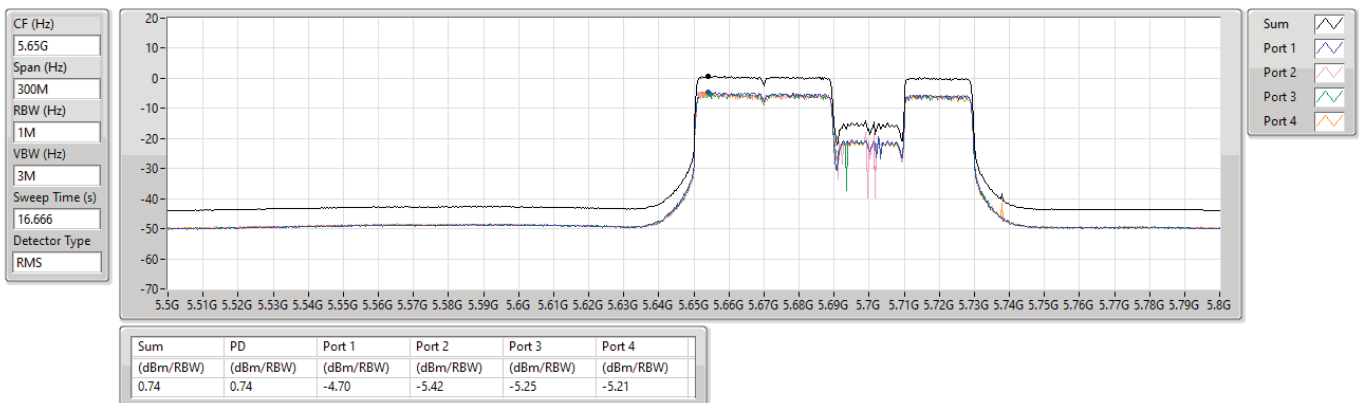


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/01/2024

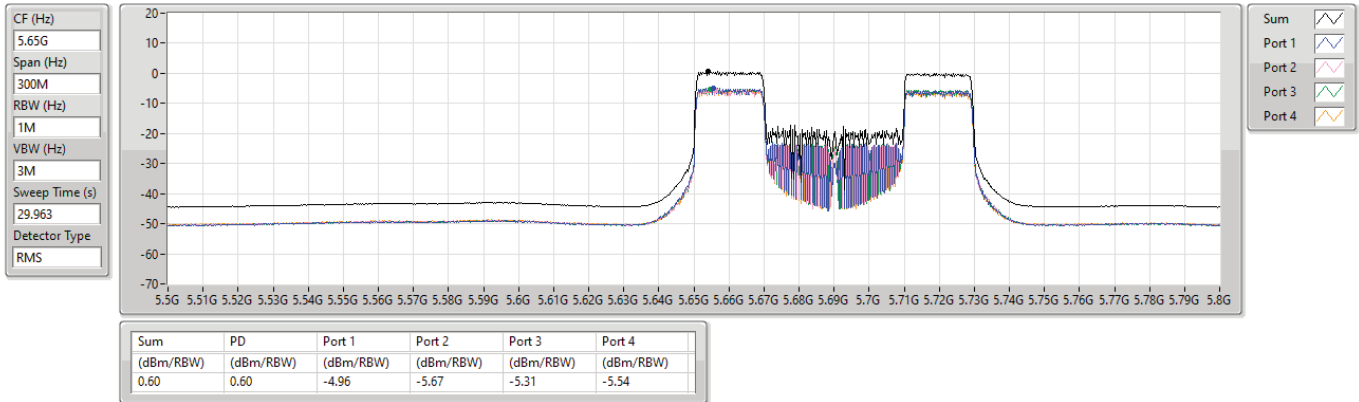


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/01/2024

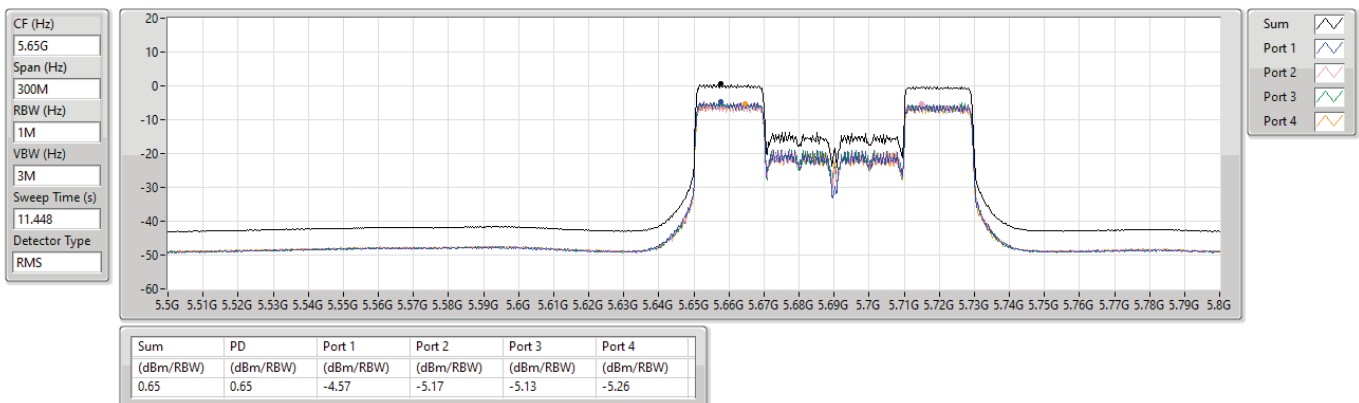


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/01/2024

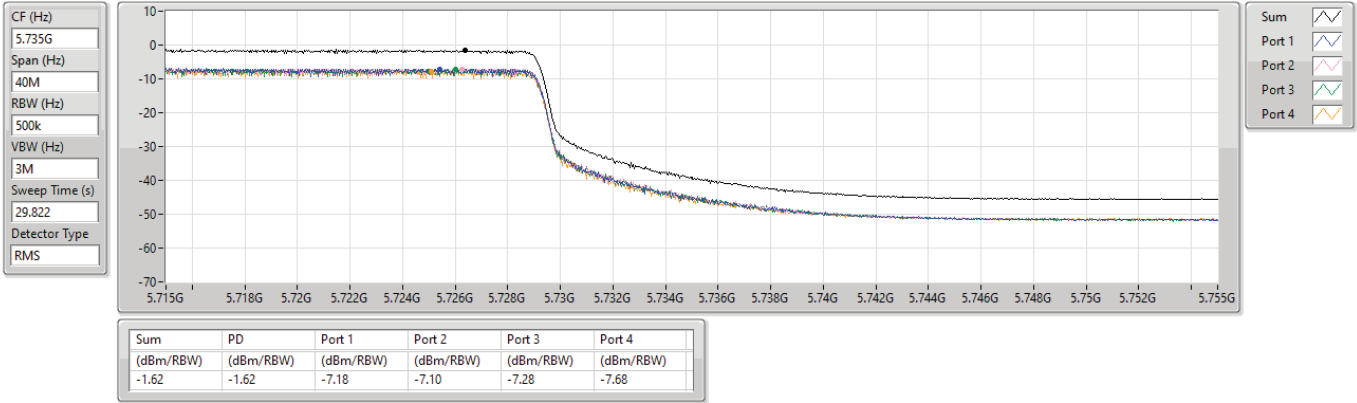


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

24/01/2024

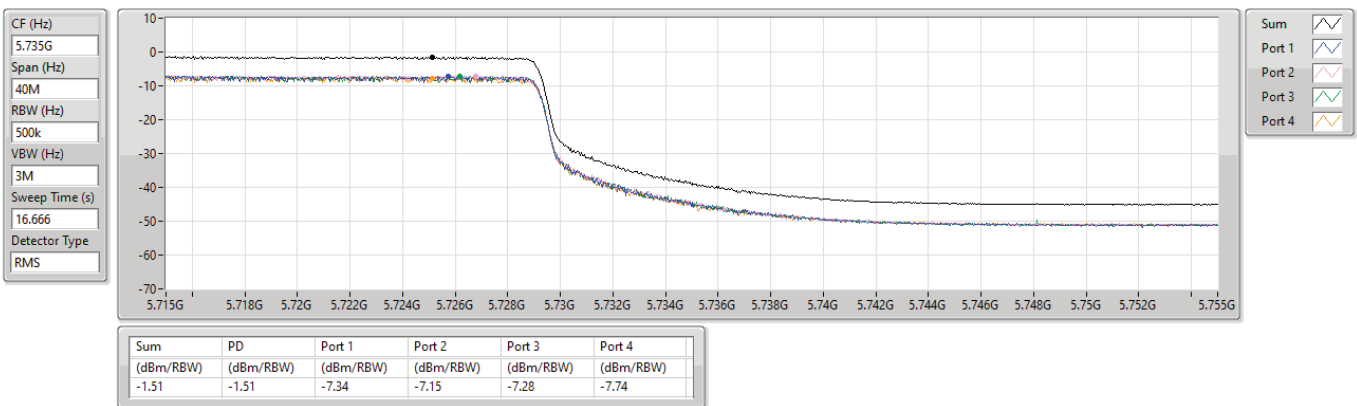


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 2_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

24/01/2024

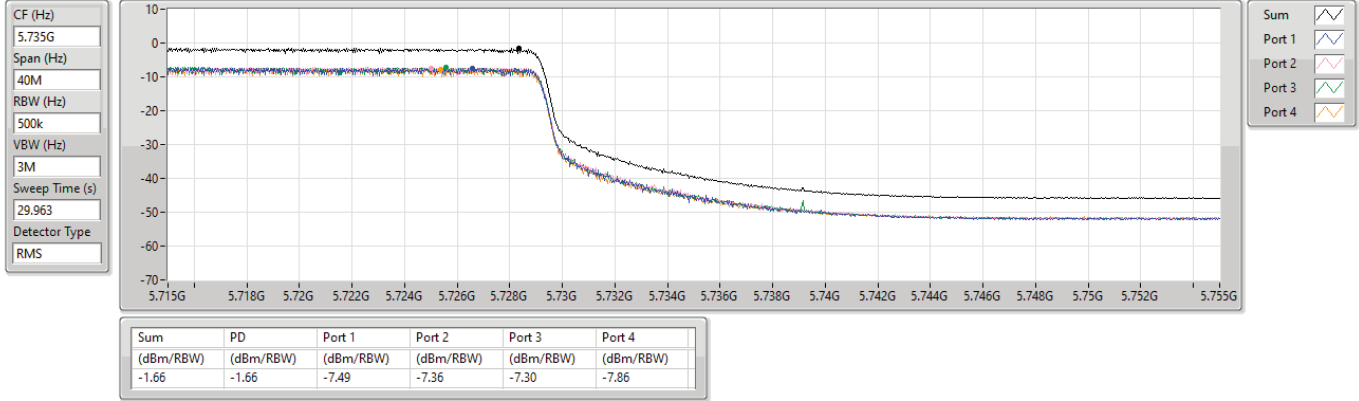


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 3_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

24/01/2024

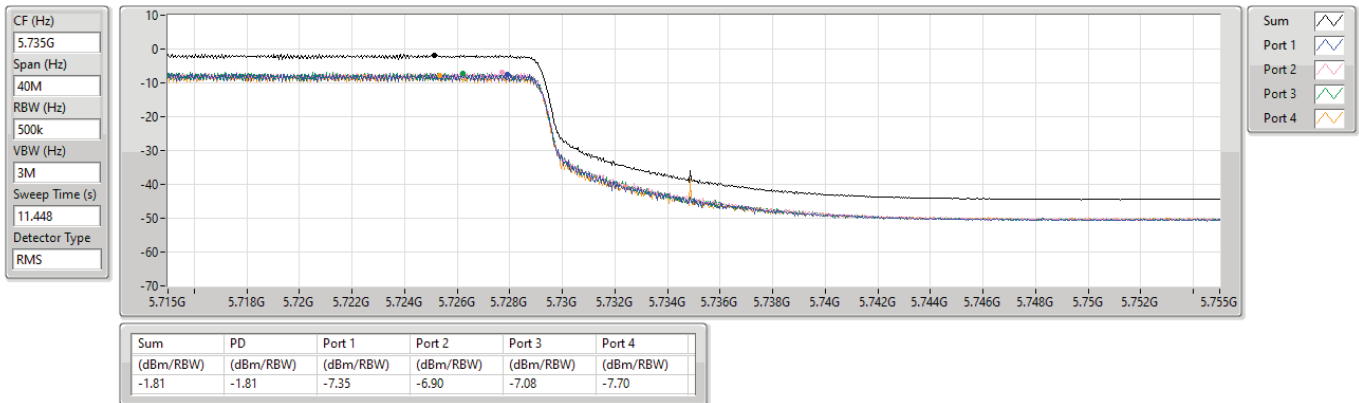


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS4),RU242+RU242 MRU 4_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

24/01/2024

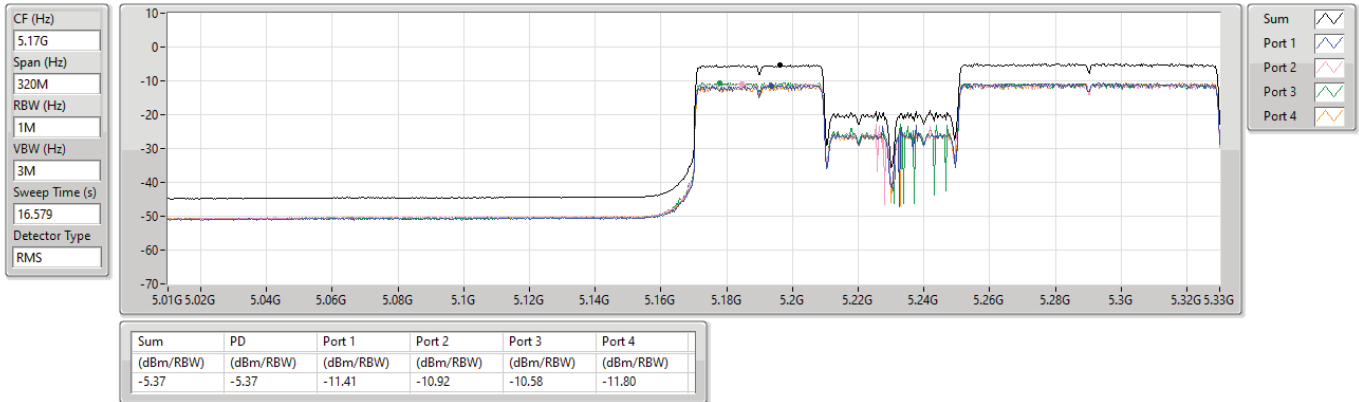


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/01/2024

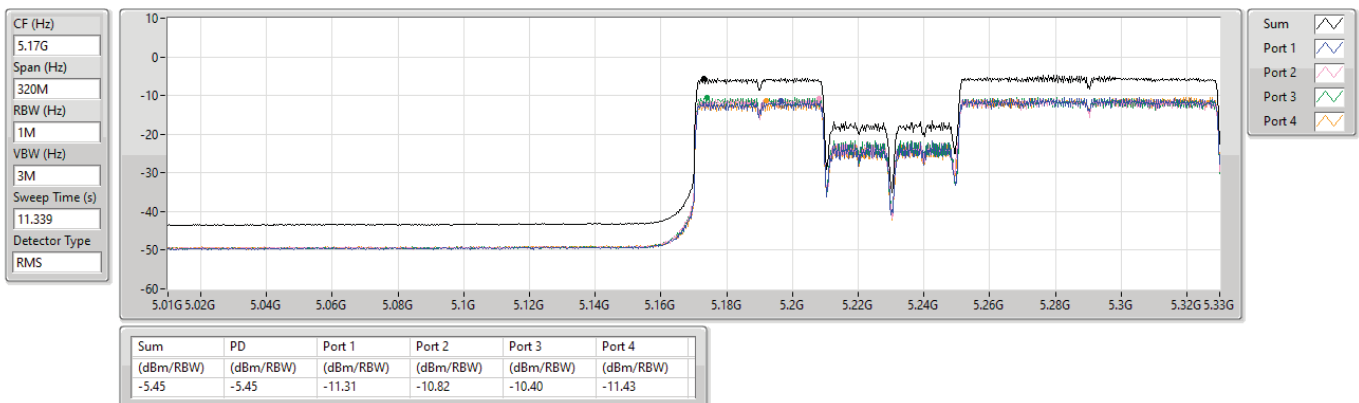


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/01/2024

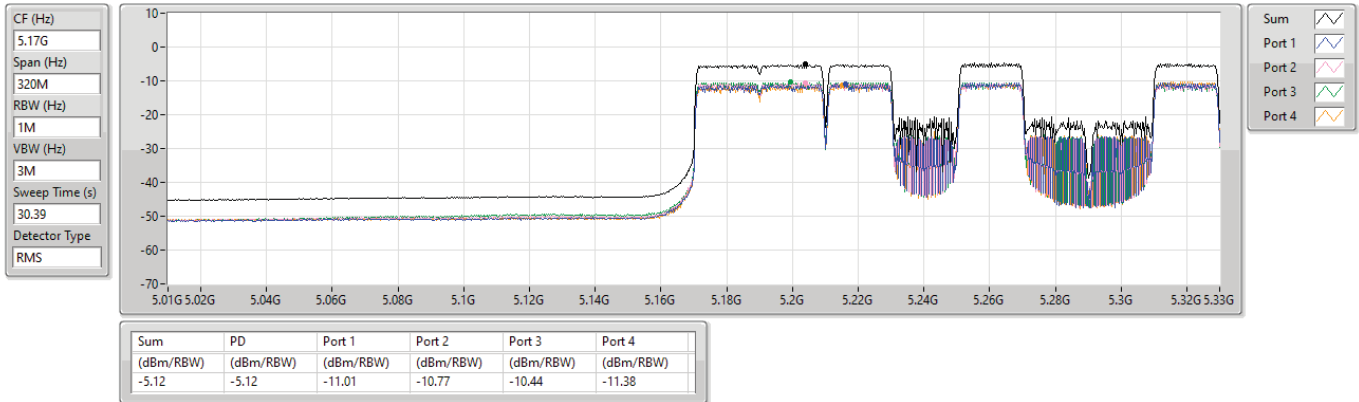


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/01/2024

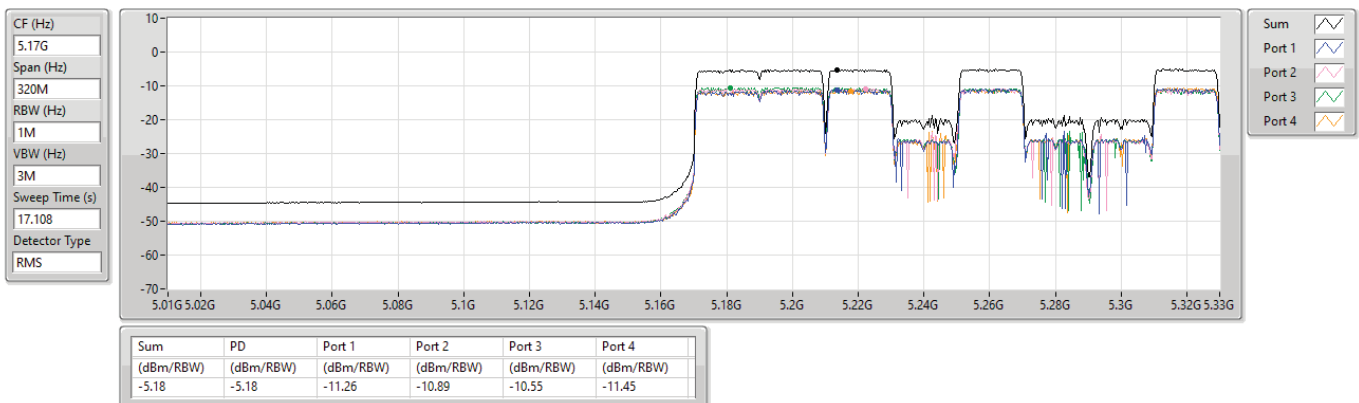


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/01/2024

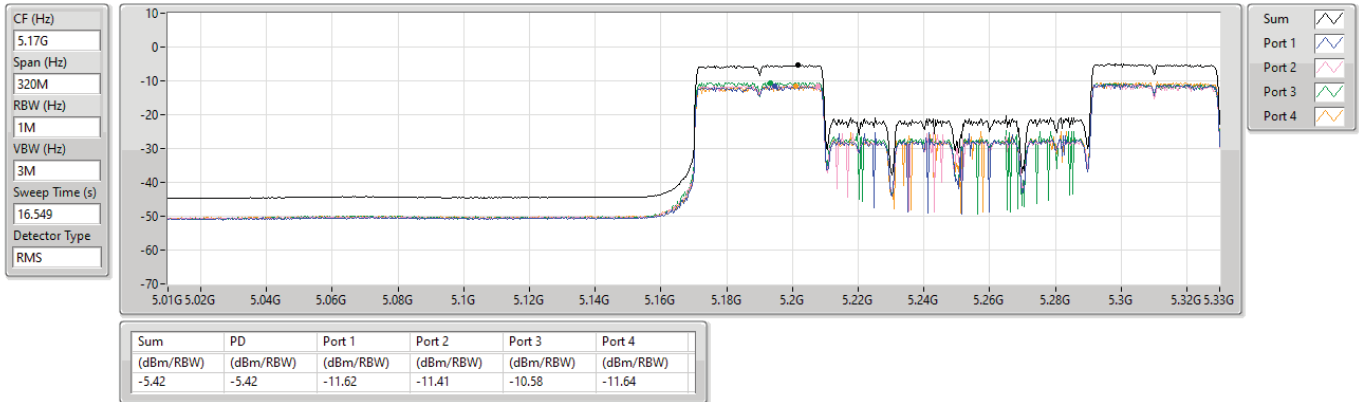


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/01/2024

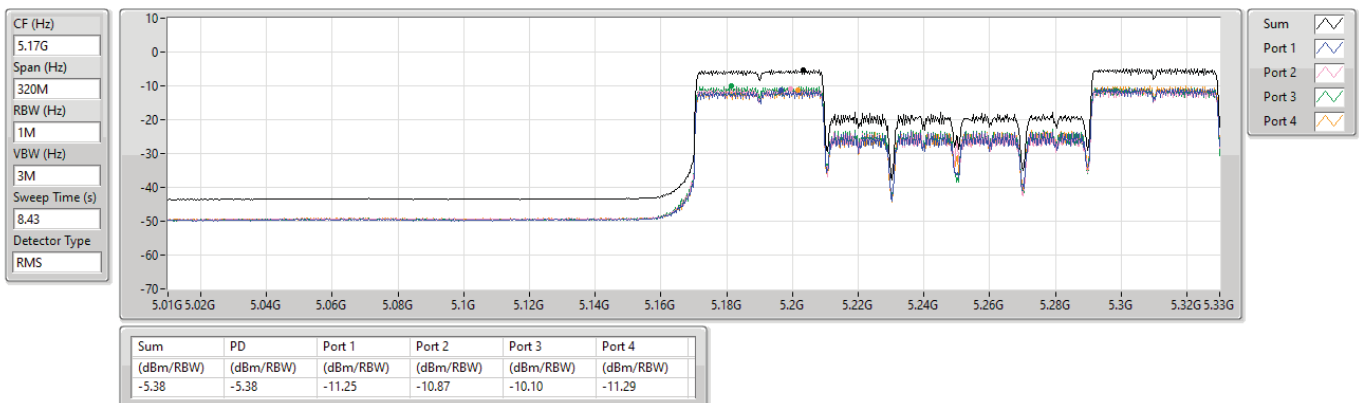


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

24/01/2024

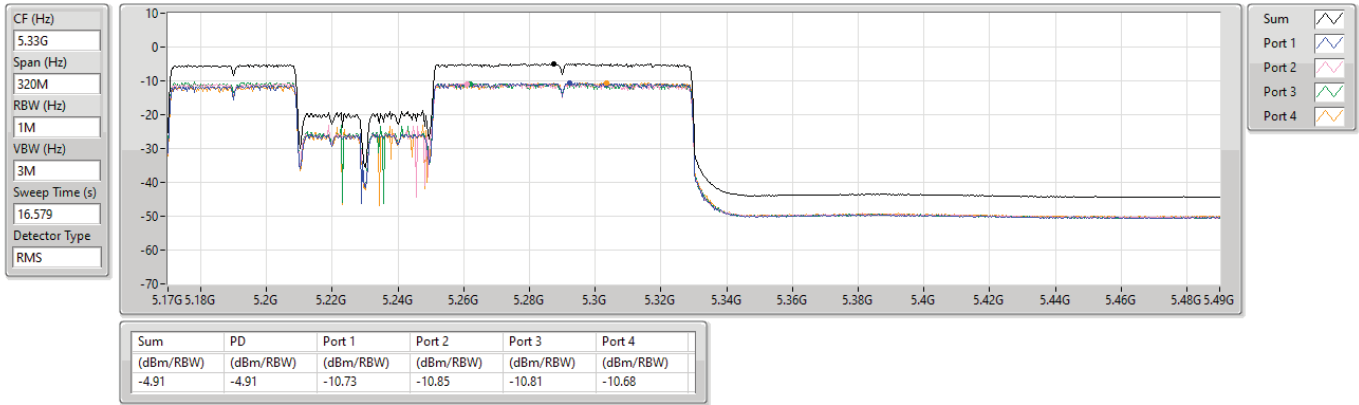


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

24/01/2024

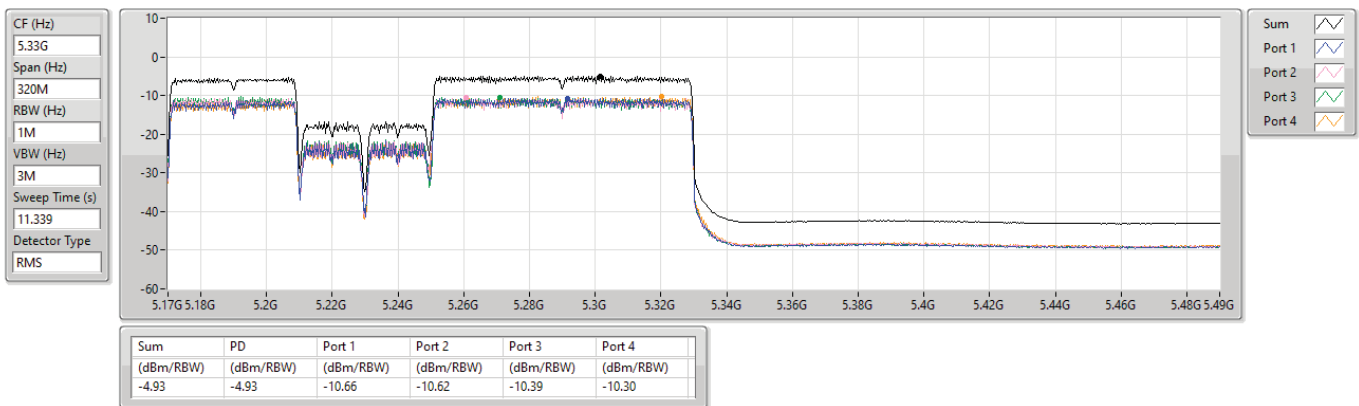


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

24/01/2024

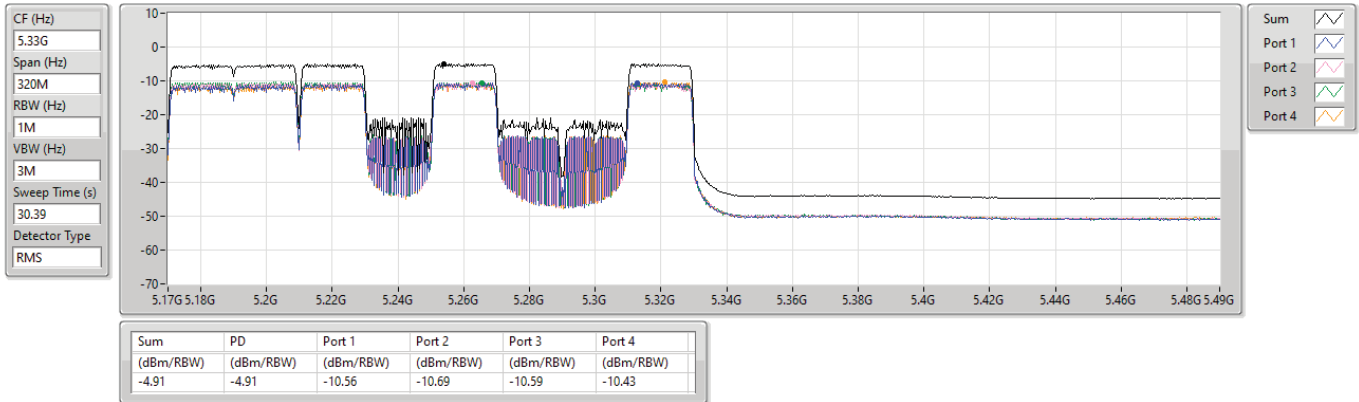


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

24/01/2024

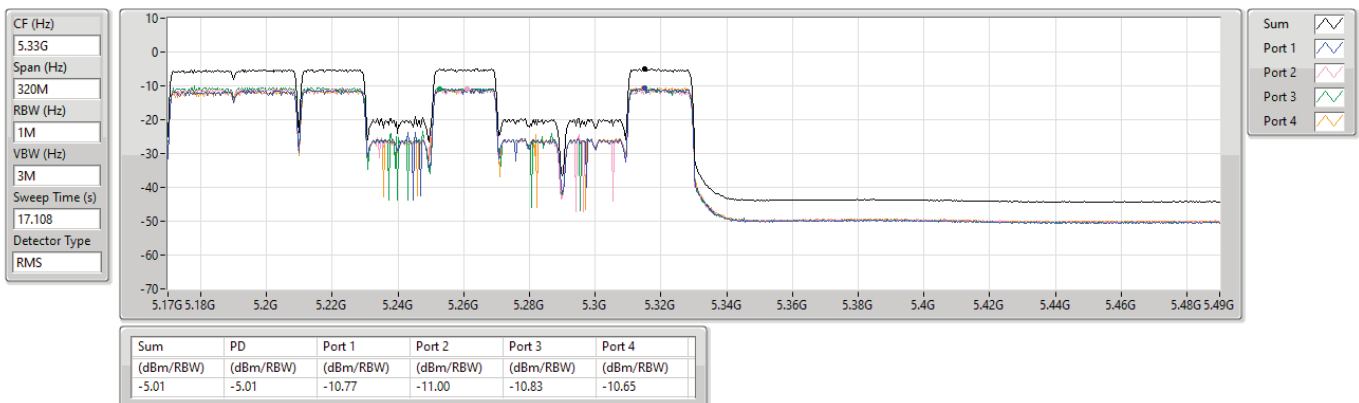


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

24/01/2024

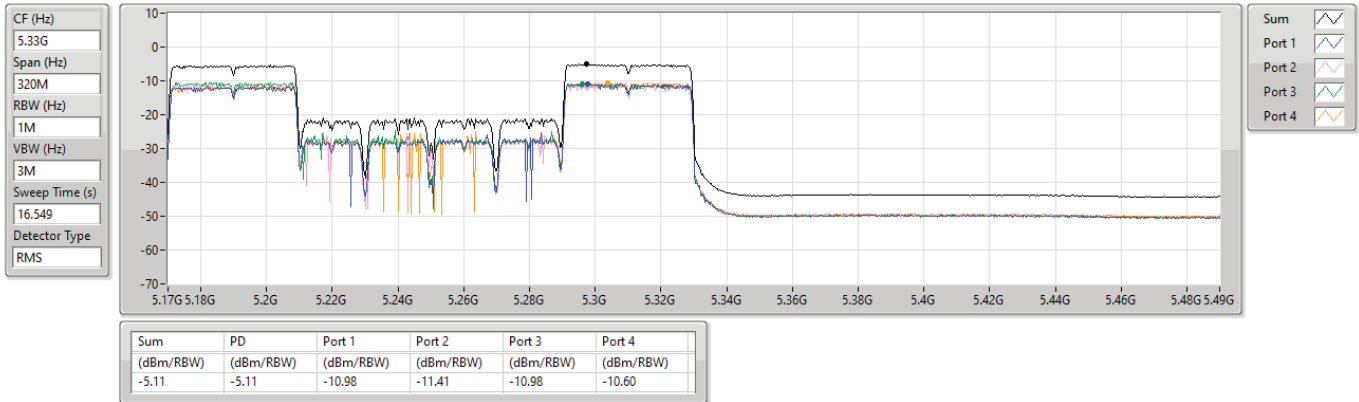


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

24/01/2024

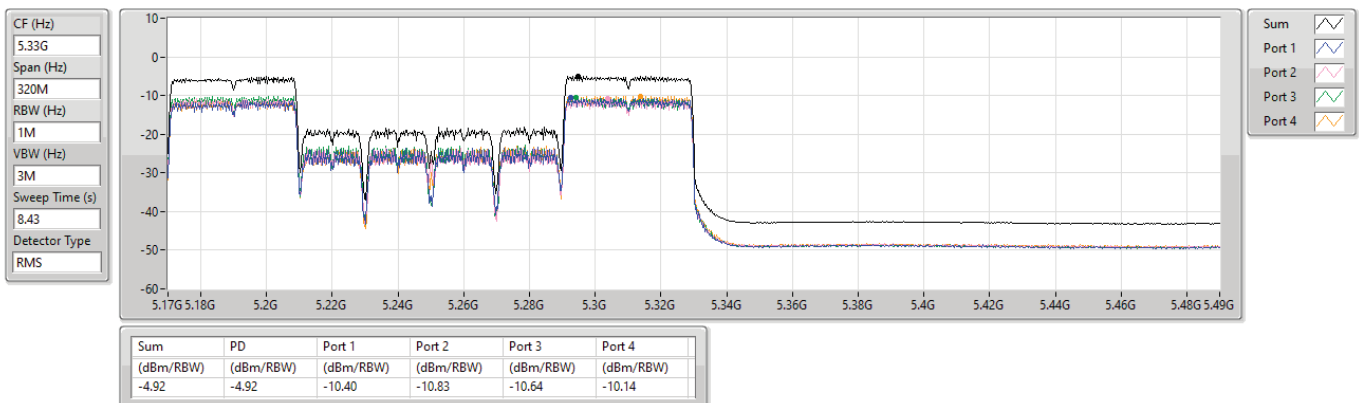


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

24/01/2024

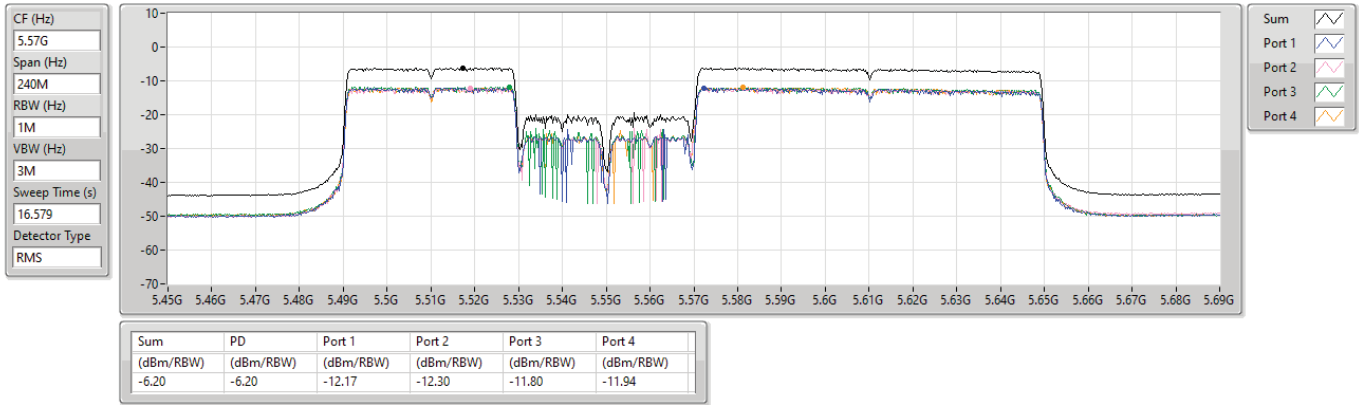


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 1_4TX

PSD

5570MHz

24/01/2024

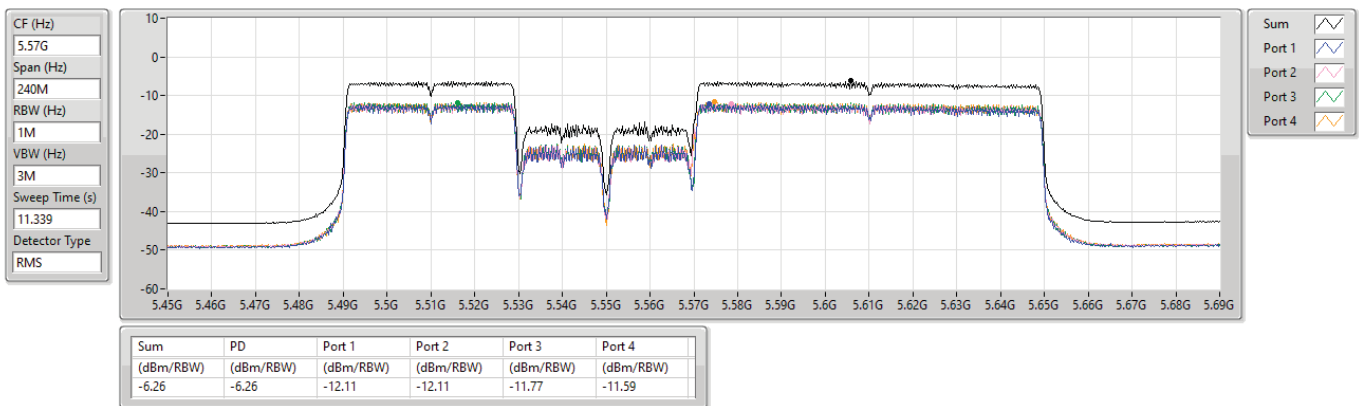


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX

PSD

5570MHz

24/01/2024

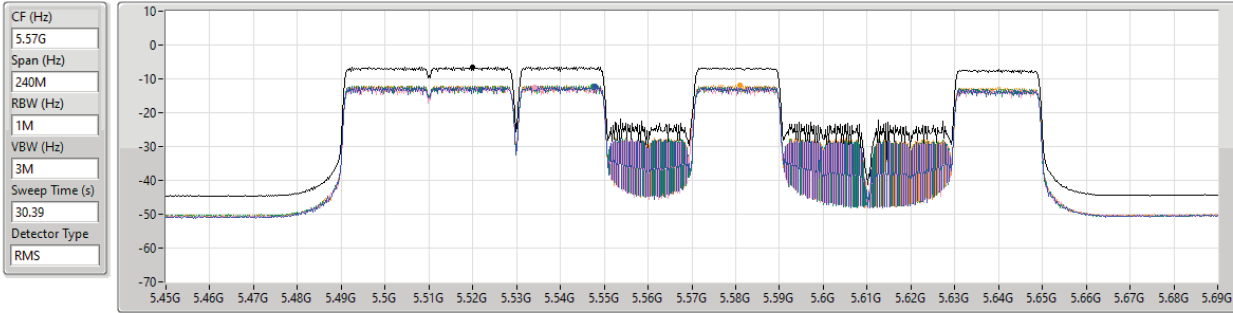


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 3_4TX

PSD

5570MHz

24/01/2024



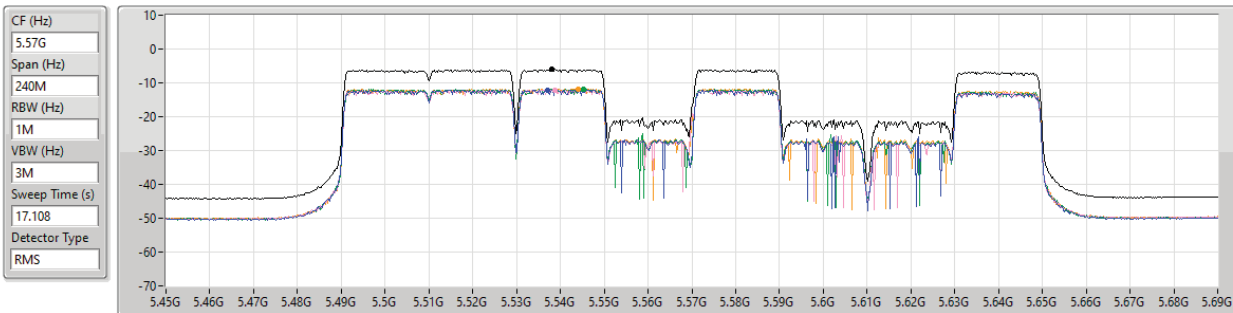
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.41	-6.41	-12.29	-12.51	-12.20	-11.91

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS4),RU726+RU242+RU242 MRU 4_4TX

PSD

5570MHz

24/01/2024



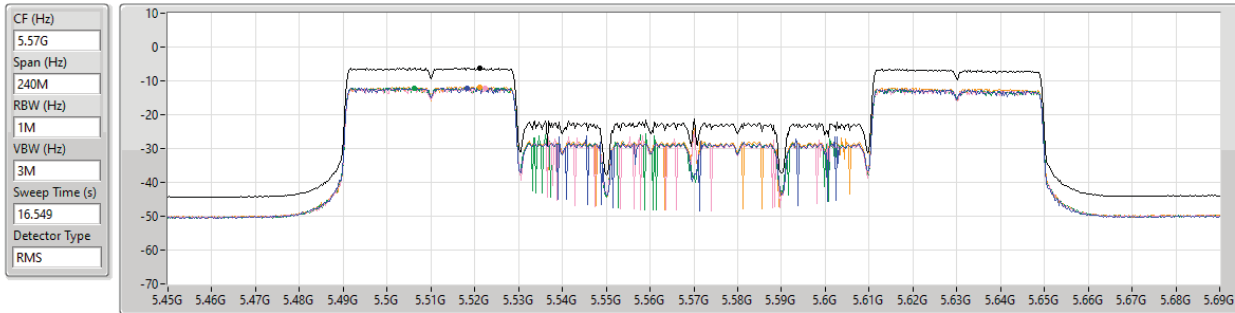
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.06	-6.06	-12.06	-12.06	-11.81	-11.74

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 5_4TX

PSD

5570MHz

24/01/2024



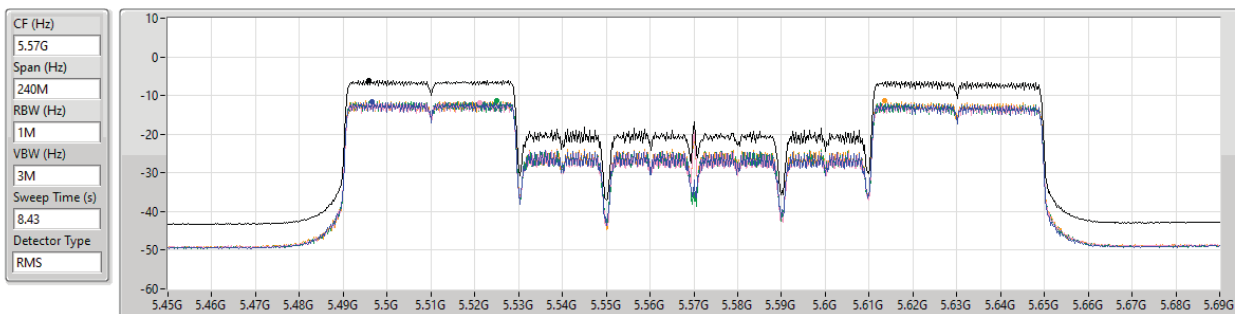
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.20	-6.20	-12.12	-12.31	-12.13	-11.77

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS4),RU484+RU484 MRU 6_4TX

PSD

5570MHz

24/01/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.06	-6.06	-11.67	-11.77	-11.35	-11.44



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	-5.03	2.92
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	-0.72	6.59
802.11be EHT160_Nss1,(MCS0)_4TX	-4.87	2.44
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	0.48	8.91
802.11be EHT160_Nss1,(MCS0)_4TX	-6.10	2.33
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	-1.69	7.00

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.49	-6.65	-6.57	-6.75	-0.72	9.69	6.59	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.63	-6.68	-6.63	-6.86	-0.83	9.69	6.48	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.54	-6.70	-6.58	-6.84	-0.80	9.69	6.51	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.43	-6.76	-6.53	-6.88	-0.73	9.69	6.58	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.27	-11.48	-11.39	-10.90	-5.30	8.57	3.13	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.35	-11.47	-11.27	-11.01	-5.36	8.57	3.07	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.45	-11.42	-11.36	-10.93	-5.35	8.57	3.08	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.49	-11.59	-11.39	-10.98	-5.38	8.57	3.05	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.81	-6.17	-6.00	-6.66	-0.15	8.57	8.28	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.78	-6.24	-5.98	-6.59	-0.18	8.57	8.25	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.95	-6.13	-5.93	-6.56	-0.20	8.57	8.23	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.94	-6.13	-5.95	-6.62	-0.21	8.57	8.22	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-5.07	-5.89	-5.79	-5.89	0.33	8.57	8.76	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.91	-5.91	-5.77	-5.71	0.41	8.57	8.84	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.86	-5.62	-5.80	-5.76	0.46	8.57	8.89	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.85	-5.68	-5.68	-5.83	0.48	8.57	8.91	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.27	-7.55	-7.73	-8.09	-1.69	27.31	7.00	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.55	-7.55	-7.86	-8.22	-1.85	27.31	6.84	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.44	-7.52	-7.78	-8.20	-1.74	27.31	6.95	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-47.01	-46.60	-46.71	-47.45	-41.42	27.31	-32.73	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.18	-11.01	-10.84	-11.78	-5.30	15.05	2.65	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.06	-11.01	-10.82	-11.86	-5.26	15.05	2.69	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.11	-11.12	-10.82	-11.78	-5.31	15.05	2.64	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.28	-11.11	-10.84	-11.94	-5.37	15.05	2.58	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.06	-11.16	-10.82	-11.72	-5.28	15.05	2.67	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-



PSD_Non-Beamforming_Radio 3_Channel Puncturing

Appendix C.4

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)
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.18	-11.11	-10.87	-11.71	-5.30	15.05	2.65	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.16	-11.12	-10.95	-11.73	-5.34	15.05	2.61	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.08	-11.22	-10.92	-11.68	-5.38	15.05	2.57	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-10.91	-10.77	-10.59	-11.63	-5.03	15.05	2.92	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.25	-10.89	-10.61	-11.82	-5.16	15.05	2.79	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-10.93	-11.02	-10.66	-11.46	-5.09	15.05	2.86	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-10.97	-11.10	-10.75	-11.36	-5.15	15.05	2.80	23.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.81	-10.97	-10.95	-11.30	-5.05	9.69	2.26	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.76	-10.97	-11.00	-11.29	-5.08	9.69	2.23	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.75	-10.97	-11.00	-11.26	-5.06	9.69	2.25	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.74	-11.07	-11.01	-11.19	-5.06	9.69	2.25	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.72	-11.09	-11.02	-11.16	-5.05	9.69	2.26	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.87	-11.16	-11.07	-11.20	-5.14	9.69	2.17	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.83	-11.05	-11.11	-11.20	-5.11	9.69	2.20	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.87	-11.16	-11.10	-11.18	-5.15	9.69	2.16	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.63	-10.72	-10.77	-11.11	-4.92	9.69	2.39	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.58	-10.84	-10.80	-10.99	-4.87	9.69	2.44	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.54	-11.03	-11.09	-10.84	-4.92	9.69	2.39	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-10.66	-11.03	-11.06	-10.92	-4.96	9.69	2.35	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.82	-12.28	-12.00	-12.24	-6.11	8.57	2.32	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.89	-12.20	-12.02	-12.24	-6.13	8.57	2.30	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.87	-12.33	-11.99	-12.23	-6.15	8.57	2.28	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.88	-12.23	-11.92	-12.21	-6.10	8.57	2.33	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP	-	-	-	-	-	-	-	-	-	-



PSD_Non-Beamforming_Radio 3_Channel Puncturing

Appendix C.4

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)
5_4TX										
5570MHz	Pass	8.43	-12.00	-12.29	-11.96	-12.24	-6.15	8.57	2.28	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.96	-12.33	-11.94	-12.20	-6.18	8.57	2.25	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.97	-12.31	-11.96	-12.31	-6.18	8.57	2.25	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.06	-12.25	-12.11	-12.35	-6.22	8.57	2.21	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.12	-12.61	-12.24	-12.50	-6.43	8.57	2.00	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.38	-12.60	-12.40	-12.54	-6.50	8.57	1.93	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.36	-12.57	-12.35	-12.51	-6.56	8.57	1.87	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.50	-12.71	-12.47	-12.58	-6.64	8.57	1.79	17.00

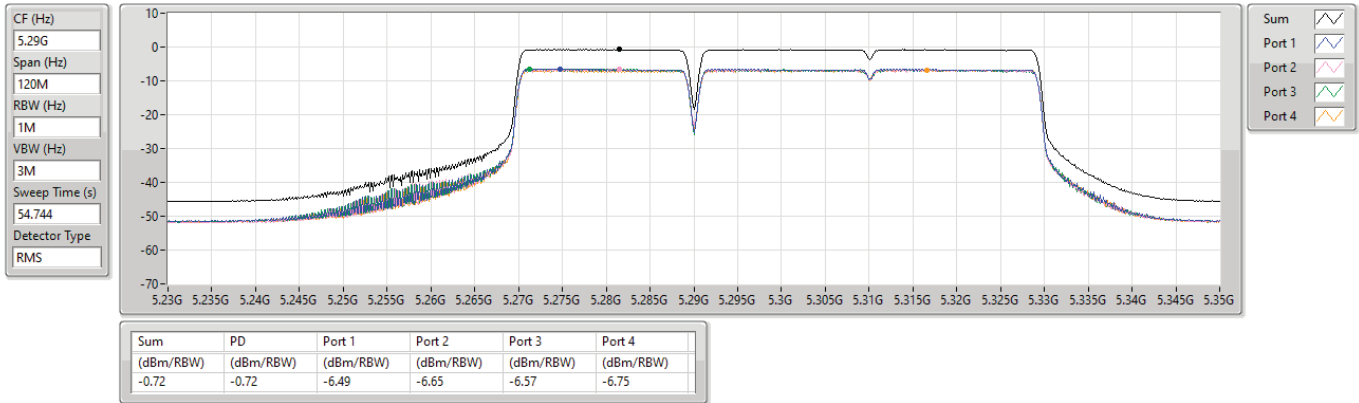
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

PSD

5290MHz

23/01/2024

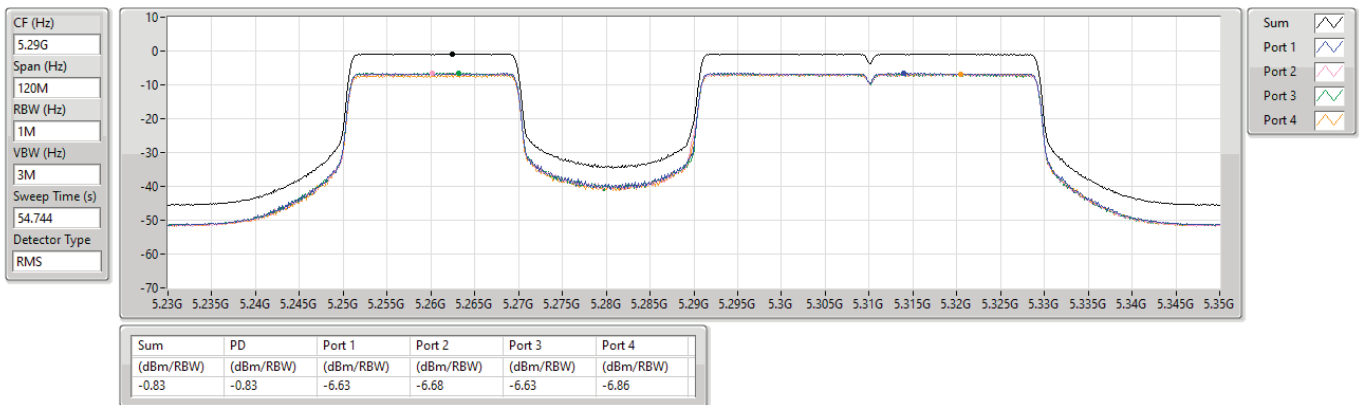


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

PSD

5290MHz

22/01/2024

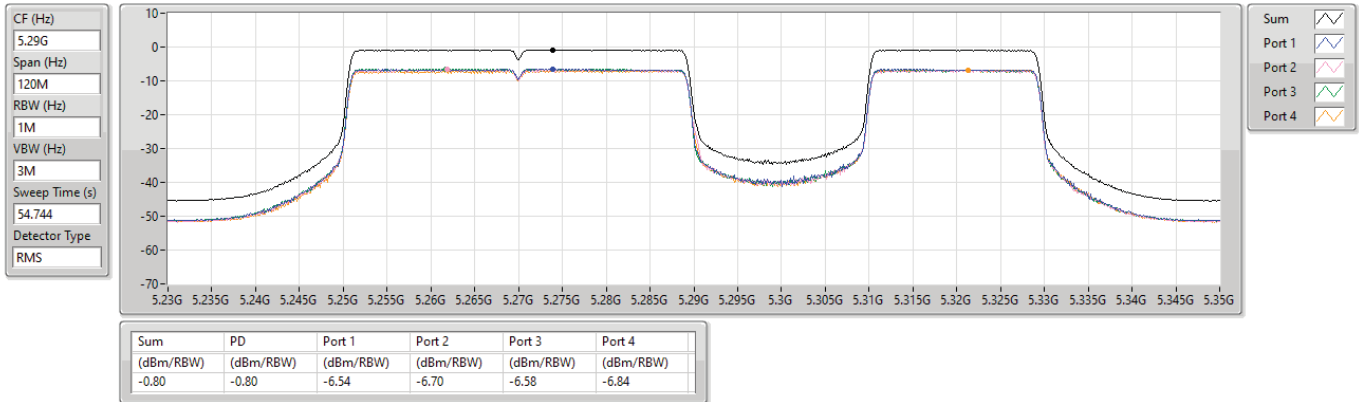


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

PSD

5290MHz

22/01/2024

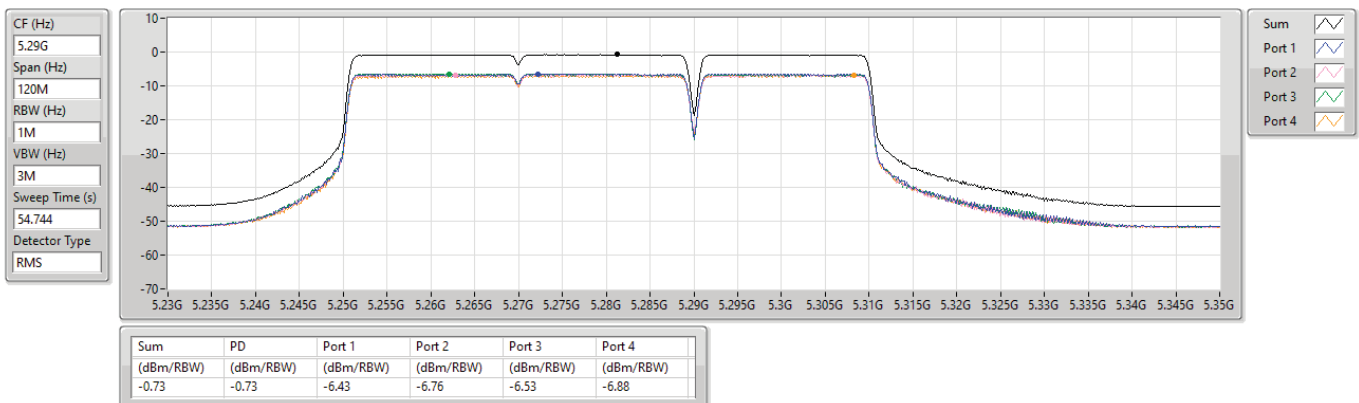


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX

PSD

5290MHz

23/01/2024



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

PSD

5530MHz

23/01/2024

CF (Hz)
5.53G

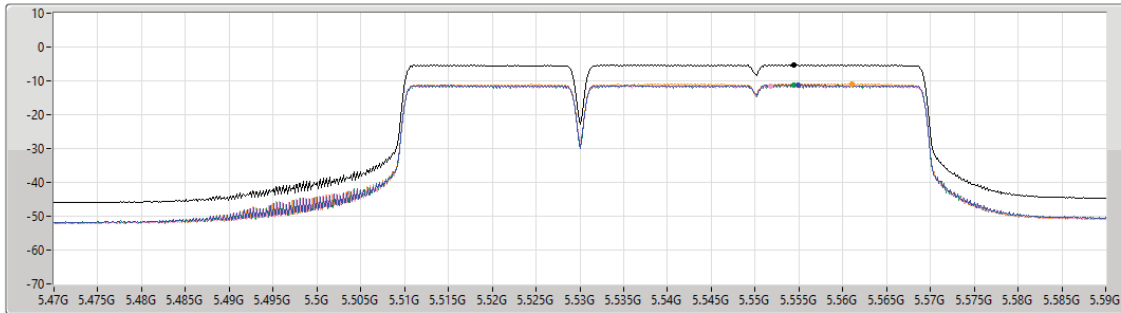
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.30	-5.30	-11.27	-11.48	-11.39	-10.90

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

PSD

5530MHz

23/01/2024

CF (Hz)
5.53G

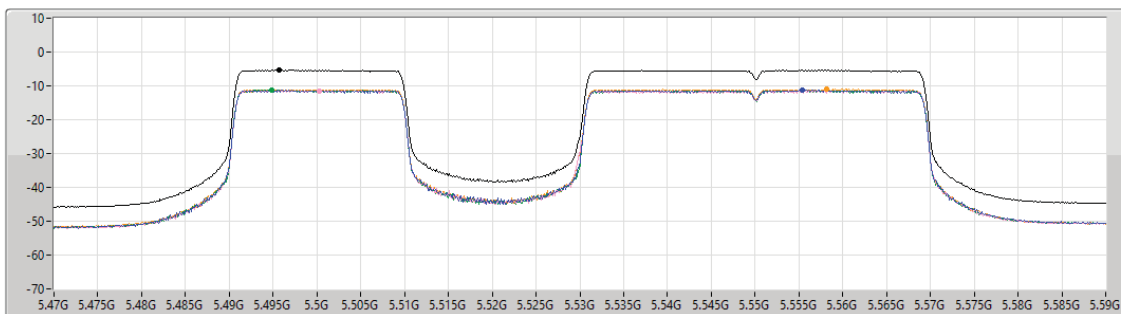
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

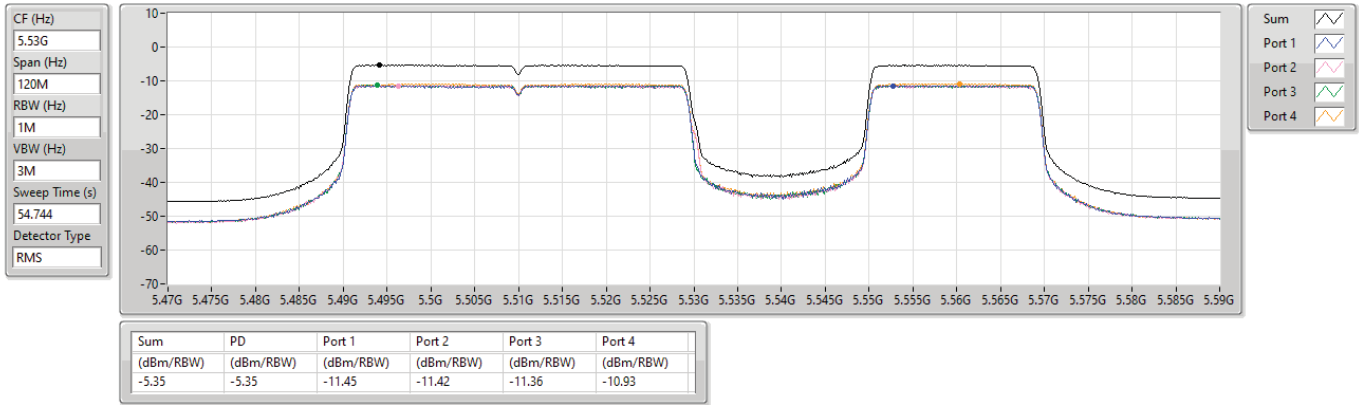
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.36	-5.36	-11.35	-11.47	-11.27	-11.01

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

PSD

5530MHz

23/01/2024



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX

PSD

5530MHz

23/01/2024

