



RADIO TEST REPORT

FCC ID : QXO-AP5060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5060U
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 28, 2025, and testing was started from Aug. 02, 2025 and completed on Feb. 02, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Output Power	PASS	-
3.3	15.407(a)	Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen**Report Producer: Vicky Huang**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80), be (EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

**For Radio 1:**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
5.25-5.35GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX

**For Radio 2:**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX
5.25-5.35GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX



Band	Mode	BWch (MHz)	Nant
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX
5.47-5.725GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX
5.725-5.85GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX



Band	Mode	BWch (MHz)	Nant
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX

**For Radio 4:**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	2TX
5.25-5.35GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	2TX
5.47-5.725GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX

**MRU (static preamble puncturing)
For Multi_RU/Puncturing:**

RU-tone	Configuration	Bandwidth (MHz)			5GHz Test CH					
					UNII-1	UNII-2A	UNII-2C		UNII-2C/3	UNII-3
		80			CH42	CH58	CH106	CH122	CH138	CH155
484+242	1		242	484	--	V	--	V	V	V
	2	242		484	V	V	V	V	V	V
	3	484		242	V	V	V	V	V	V
	4	484	242		V	--	V	V	--	V

RU-tone	Configuration	Bandwidth (MHz)			5GHz Test CH	
					UNII-1/2A	UNII-2C
		160			CH50	CH114
996+484	1		484	996	--	V
	2	484		996	V	V
	3	996		484	V	V
	4	996	484		V	--
996+484+242	1		242	484	996	--
	2	242		484	996	V
	3	484		242	996	V
	4	484	242		996	V
	5	996		242	484	V
	6	996	242		484	V
	7	996	484		242	V
	8	996	484	242		--

Note:

- ♦ 11a, HT20, 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, 1024QAM 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.

1.1.2 Worst case of MRU(static preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration.
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated BE/RSE testing
5. Confirm whether the worst MRU(static preamble puncturing) configuration setting in step 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be reduced.



1.1.3 Antenna Information

Ant.	Port						Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)	WLAN 5GHz, 6GHz (Radio 1)	WLAN 6GHz (Radio 3)	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)	Bluetooth / IEEE802.15.4 (Radio 5)	GPS (Radio 6)					
1	-	1	-	-	-	-	WNC	95XPAM15.G05	Metal PIFA	I-PEX	Note 1
2	-	2	-	-	-	-	WNC	95XPAM15.G06	Metal PIFA	I-PEX	
3	-	3	-	-	-	-	WNC	95XPAM15.G07	Metal PIFA	I-PEX	
4	-	4	-	-	-	-	WNC	95XPAM15.G08	Metal PIFA	I-PEX	
5	1	-	-	-	-	-	WNC	95XPAM15.G01	Metal PIFA	I-PEX	
6	2	-	-	-	-	-	WNC	95XPAM15.G02	Metal PIFA	I-PEX	
7	3	-	-	-	-	-	WNC	95XPAM15.G03	Metal PIFA	I-PEX	
8	4	-	-	-	-	-	WNC	95XPAM15.G04	Metal PIFA	I-PEX	
9	-	-	1	-	-	-	WNC	95XPAM15.G09	Metal PIFA	I-PEX	
10	-	-	2	-	-	-	WNC	95XPAM15.G10	Metal PIFA	I-PEX	
11	-	-	3	-	-	-	WNC	95XPAM15.G11	Metal PIFA	I-PEX	
12	-	-	4	-	-	-	WNC	95XPAM15.G12	Metal PIFA	I-PEX	
13	-	-	-	1	-	-	WNC	95XPAM15.G13	Metal PIFA	I-PEX	
14	-	-	-	2	-	-	WNC	95XPAM15.G14	Metal PIFA	I-PEX	
15	-	-	-	-	2	-	WNC	95XPAM15.G15	Metal PIFA	I-PEX	
16	-	-	-	-	1	-	WNC	95XPAM15.G16	Metal PIFA	I-PEX	
17	-	-	-	-	3	-	WNC	95XPAM15.G17	Metal PIFA	I-PEX	
18	-	-	-	-	-	1	WNC	95XPAM15.G18	Metal PIFA	I-PEX	



Note 1:

Ant.	Antenna Gain (dBi)																								Bluetooth / IEEE 802.15.4 (Radio 5)	GPS (Radio 6)	
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)					WLAN 5GHz, 6GHz (Radio 1)								WLAN 6GHz (Radio 3)				WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)									
	2.4G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	UNII 5	UNII 6	UNII 7	UNII 8	2.4G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6			UNII 7
1	-	-	-	-	-	4.98	5.38	5.24	5.34	5.62	5.65	5.05	5.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	3.38	3.71	4.44	4.08	5.32	5.2	5.96	5.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	3.4	3.73	3.35	2.94	4.28	3.61	2.87	3.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	2.82	2.95	2.99	2.45	2.95	4.53	3.53	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-0.33	5.57	6.81	6.26	5.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-1.82	3.66	5.09	6.65	5.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2.07	3.91	5.22	4.97	5.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-1.25	3.91	4.88	6.07	4.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.62	5.94	5.72	5.88	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	6.09	5.61	5.72	6.67	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	2.84	4.27	3.01	3.95	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	3.44	3.21	3.15	3.32	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.74	3.9	5.88	4.78	3.92	3.47	5.58	5.92	6.85	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.91	4.85	6.64	6.99	6.33	5.35	4.32	5.01	6.5	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Ant.	Directional Gain (dBi)															
	WLAN 5GHz, 6GHz (Radio 1)															
	5GHz UNII 1		5GHz UNII 2A		5GHz UNII 2C		5GHz UNII 3		6GHz UNII 5		6GHz UNII 6		6GHz UNII 7		6GHz UNII 8	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
1~2	6.59	4.98	7.05	5.38	7.22	5.24	6.97	5.34	7.6	5.62	6.62	5.65	7.21	5.96	7.6	5.34

Ant.	Directional Gain (dBi)																							
	WLAN 5GHz, 6GHz (Radio 1)																							
	5GHz UNII 1			5GHz UNII 2A			5GHz UNII 2C			5GHz UNII 3			6GHz UNII 5			6GHz UNII 6			6GHz UNII 7			6GHz UNII 8		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
1~4	5.9	4.98	4.98	5.87	5.38	5.38	6.24	5.24	5.24	5.54	5.34	5.34	5.75	5.62	5.62	5.65	5.65	5.65	5.96	5.96	5.96	5.34	5.34	5.34

Ant.	Directional Gain (dBi)									
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)									
	2.4GHz		5GHz UNII 1				5GHz UNII 2A		5GHz UNII 2C	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
5~6	0.83	-0.33	7.42	5.57	8.02	6.81	7.47	6.65	6.42	5.54

Ant.	Directional Gain (dBi)														
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)														
	2.4GHz			5GHz UNII 1			5GHz UNII 2A			5GHz UNII 2C			5GHz UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
5~8	4.19	2.07	2.07	8.18	5.57	5.57	8.85	6.81	6.81	9.45	6.65	6.65	8.93	5.93	5.61

Ant.	Directional Gain (dBi)							
	WLAN 6GHz (Radio 3)							
	6GHz UNII 5		6GHz UNII 6		6GHz UNII 7		6GHz UNII 8	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
9~10	8.63	6.62	6.77	5.94	7.1	5.72	7.07	6.67

Ant.	Directional Gain (dBi)											
	WLAN 6GHz (Radio 3)											
	6GHz UNII 5			6GHz UNII 6			6GHz UNII 7			6GHz UNII 8		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
9~12	7.33	6.62	6.62	5.94	5.94	5.94	5.72	5.72	5.72	6.67	6.67	6.67

Ant.	Directional Gain (dBi)																	
	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)																	
	2.4GHz		5GHz UNII 1		5GHz UNII 2A		5GHz UNII 2C		5GHz UNII 3		6GHz UNII 5		6GHz UNII 6		6GHz UNII 7		6GHz UNII 8	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
13~14	5.23	2.91	6.17	4.85	7.91	6.64	8.96	6.99	8.08	6.33	5.92	5.35	7.24	5.58	7.24	5.92	8.57	6.85

Note 2: The EUT has eighteen antennas.

Note 3: Radio 1_5GHz, 6GHz, Radio 1_2.4GHz, Radio 2_5GHz, Radio 3_6GHz and Scan Radio 4_2.4GHz, 5GHz, 6GHz Maximum Directional Gain following KDB662911 D03.

Note 4: Only the highest gain antenna was selected to test and record in this report. Thus, Ant. 16 was selected to perform the test for Radio 5_Bluetooth / IEEE802.15.4.

Note 5: The 6GHz UNII 6, 8 are not enabled for Radio 1, 3, and Scanning Radio 4 at this time.

Note 6: The above information (Radio 5_Bluetooth / IEEE802.15.4 and Radio 6_GPS) was declared by manufacturer.

**EUT operation mode:****For Radio 1****For 2.4GHz:****For IEEE 802.11b/g/n/VHT/ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For 5GHz:**For IEEE 802.11a/n/ac/ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For 6GHz:**For IEEE 802.11ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Radio 2**For 5GHz:****For IEEE 802.11a/n/ac/ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

**For Radio 3****For 6GHz:****For IEEE 802.11ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Scanning Radio 4**For 2.4GHz:****For IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX):**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

For 5GHz:**For IEEE 802.11a/n/ac/ax/be mode (2TX/2RX):**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

For 6GHz:**For IEEE 802.11ax/be mode (2TX/2RX):**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

For Radio 5**Bluetooth / IEEE802.15.4 (1TX/1RX):**

The EUT supports the antenna with TX and RX diversity functions.

Port 1, Port 2, Port 3 support transmit and receive functions, but only one of them will be used at one time.

For Radio 6**GPS (1RX):**

Only Port 1 can be used as receiving antenna.

**1.1.4 Mode Test Duty Cycle****For Full_RU:****For Radio 1:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.526	2.79	128.281u	10k
802.11be EHT20_Nss 1,(M0)	0.901	0.45	321.875u	5k
802.11be EHT40_Nss 1,(M0)	0.897	0.47	304.219u	5k
802.11be EHT80_Nss 1,(M0)	0.897	0.47	294.688u	5k
802.11be EHT20_Nss 2,(M0)	0.901	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.897	0.47	297.813u	5k
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.903	0.44	312.188u	5k
802.11be EHT80_Nss 4,(M0)	0.904	0.44	308.281u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.901	0.45	321.875u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.897	0.47	304.219u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.897	0.47	294.688u	5k

For Radio 2:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.533	2.73	128.75u	10k
802.11be EHT20_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.899	0.46	305u	5k
802.11be EHT80_Nss 1,(M0)	0.896	0.48	295u	5k
802.11be EHT160_Nss 1,(M0)	0.894	0.49	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.898	0.47	311.563u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.938u	5k
802.11be EHT80_Nss 2,(M0)	0.897	0.47	298.125u	5k
802.11be EHT160_Nss 2,(M0)	0.894	0.49	294.062u	5k
802.11be EHT20_Nss 4,(M0)	0.902	0.45	321.25u	5k
802.11be EHT40_Nss 4,(M0)	0.9	0.46	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.899	0.46	308.75u	5k
802.11be EHT160_Nss 4,(M0)	0.901	0.45	308.75u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.899	0.46	305u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.896	0.48	295u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.894	0.49	291.25u	5k

For Scanning Radio 4:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.539	2.68	130u	10k
802.11be EHT20_Nss 2,(M0)	0.928	0.32	662.5u	3k
802.11be EHT40_Nss 2,(M0)	0.931	0.31	1m	1k
802.11be EHT80_Nss 2,(M0)	0.925	0.34	637.5u	3k
802.11be EHT160_Nss 2,(M0)	0.904	0.44	294.375u	10k

**For Multi_RU/Puncturing:****For Radio 1:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.966	0.15	998.75u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.969	0.14	996.563u	2k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.966	0.15	998.75u	2k

For Radio 2:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	0.897	0.47	295u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	0.897	0.47	295u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX	0.897	0.47	290.938u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	0.894	0.49	290.938u	5k
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX	0.897	0.47	295u	5k
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX	0.898	0.47	295u	5k
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 3_2TX	0.894	0.49	290.938u	5k
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX	0.894	0.49	290.938u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX	0.897	0.47	295u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.894	0.49	295u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX	0.894	0.49	290.938u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.894	0.49	290.938u	5k
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	0.895	0.48	295u	5k
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	0.897	0.47	295u	5k
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 3_4TX	0.897	0.47	290.938u	5k
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 2_4TX	0.894	0.49	290.938u	5k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

**1.1.5 EUT Operational Condition**

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz (Radio 1), n/ac/ax/be in 5GHz (Radio 1, 2) and ax/be in 6GHz (Radio 1, 3).			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☒	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☒	Supported Static Puncturing for Radio 2		
	☒	Supported Dynamic Puncturing (Reduce BW) for Radio 1, 2		
	☒	Unsupported for Scanning Radio 4		
Support RU	☒	Full RU for Radio 1, 2 and Scanning Radio 4	☒	Partial RU for Radio 1, 2
Test Software Version	accessMtool 3.4.1.0			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Support Function

Function	Support Type
AP	Master
Bridge	Master
Mesh	Master

Note: The above information was declared by manufacturer.

1.1.7 Table for Radio Function

Radio (R)	WLAN 2.4GHz	5GHz	Scanning radio (WLAN 2.4GHz / 5GHz / 6GHz)	6GHz	Bluetooth / IEEE802.15.4	GPS
R1	V (AP, Bridge, Mesh)	V (AP for UNII 1~2A, Bridge, Mesh for UNII 1)	-	V (AP for 6GHz UNII 7)	-	-
R2	-	V (AP for UNII 1~3 or UNII 2C~3 / Bridge, Mesh for UNII 3)	-	-	-	-
R3	-	-	-	V (AP for 6GHz UNII 5, 7 or UNII 5)	-	-
R4	-	-	V (AP, for 2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5, 7)	-	-	-
R5	-	-	-	-	V	-
R6	-	-	-	-	-	V

Note: The above information was declared by manufacturer.

1.1.8 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR561916AI.

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

Modifications	Performance Checking
1. Adding 5GHz UNII 2A and UNII 2C (5250~5350 MHz, 5470~5725 MHz). 2. Adding 160MHz for 5GHz.	1. Emission Bandwidth 2. Maximum Output Power 3. Power Spectral Density 4. Unwanted Emissions above 1GHz
3. Adding the Multi_RU/Puncturing function for the device for 5GHz/6GHz.	1. Power Spectral Density 2. Unwanted Emissions above 1GHz



1.2 Applicable 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 C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	19.4~20.5 / 62~65	Sep. 01, 2025~ Feb. 02, 2026
Radiated above 1GHz (For Full_RU)	03CH01-CB	Gordon Hung	21.3~22.3 / 58~61	Aug. 02, 2025~ Jan. 22, 2026
	03CH02-CB		21.5~23.3 / 58~61	
	03CH03-CB		21.6~23.1 / 58~62	
	03CH04-CB		21.4~22.6 / 57~61	
	03CH05-CB		21.5~22.9 / 57~60	
	03CH06-CB		21.9~23.1 / 60~62	
Radiated above 1GHz (For Multi_RU/Puncturing)	03CH01-CB	Gordon Hung	21.3~22.3 / 58~61	Aug. 02, 2025~ Jan. 22, 2026
	03CH02-CB		21.5~23.3 / 58~61	
	03CH03-CB		21.6~23.1 / 58~62	
	03CH04-CB		21.4~22.6 / 57~61	
	03CH06-CB		21.9~23.1 / 60~62	



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))

Parameter	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full_RU:

For Radio 1:

Mode
802.11a_Nss1,(6Mbps)_1TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5290MHz
802.11a_Nss1,(6Mbps)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5270MHz
5310MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5290MHz
802.11a_Nss1,(6Mbps)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5290MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5260MHz
5300MHz



5320MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5270MHz
5310MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5290MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5290MHz

For Radio 2:

Mode
802.11a_Nss1,(6Mbps)_1TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT20_Nss1,(MCS0)_1TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss1,(MCS0)_1TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0)_1TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz



802.11be EHT160_Nss1,(MCS0)_1TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11a_Nss1,(6Mbps)_2TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT20_Nss2,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss2,(MCS0)_2TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss2,(MCS0)_2TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160_Nss2,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11a_Nss1,(6Mbps)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT20_Nss1,(MCS0)_4TX



5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss4,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss4,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160_Nss4,(MCS0)_4TX



5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

**For Scanning Radio 4:**

Mode
802.11a_Nss1,(6Mbps)_2TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT20_Nss2,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11be EHT40_Nss2,(MCS0)_2TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss2,(MCS0)_2TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11be EHT160_Nss2,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz



For Multi_RU/Puncturing:
For Radio 1:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
5290MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX
5210MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX
5290MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX
5210MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX
5290MHz

For Radio 2:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5530MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
5610MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
5690MHz Straddle 5.47-5.725GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
5690MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5775MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_1TX
5570MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_1TX
5570MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX
5210MHz



802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX
5290MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX
5530MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
5610MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
5690MHz Straddle 5.47-5.725GHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
5690MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX
5775MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 3_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 3_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 6_2TX
5570MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power
Test Condition	Conducted measurement at transmit chains
1	Radio 1
2	Radio 2_Indoor
3	Radio 2_Outdoor (160MHz) (elevation angle above 30 degrees gain)_1T1S
4	Radio 2_Outdoor (160MHz) (elevation angle above 30 degrees gain)_2T2S
5	Radio 2_Outdoor (160MHz) (elevation angle above 30 degrees gain)_4T1S, 4T4S
6	Scanning Radio 4_Indoor
7	Scanning Radio 4_Outdoor (160MHz) (elevation angle above 30 degrees gain)_2T2S

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	Radio 1_Full_RU
2	Radio 2_Indoor_Full_RU
3	Radio 2_Outdoor (160MHz) (elevation angle above 30 degrees gain)_1T1S
4	Radio 2_Outdoor (160MHz) (elevation angle above 30 degrees gain)_2T2S
5	Radio 2_Outdoor (160MHz) (elevation angle above 30 degrees gain)_4T1S, 4T4S
6	Scanning Radio 4_Indoor
7	Scanning Radio 4_Outdoor (160MHz) (elevation angle above 30 degrees gain)_2T2S
8	Radio 1_Multi_RU/Puncturing
9	Radio 2_Multi_RU/Puncturing



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
For Radio 1 and Radio 2_1T1S, 4T1S, 4T4S and Scanning Radio 4: After evaluating, the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report. For Radio 1 and Radio 2_2T1S, 2T2S: After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis Radio 1_1T1S, 4T1S, 4T4S, EUT in Z axis Radio 1_2T1S, 2T2S_Full_RU
2	EUT in Y axis Radio 2_1T1S, 4T1S, 4T4S, EUT in Z axis Radio 2_2T1S, 2T2S_Full_RU
3	EUT in Y axis Scanning Radio 4_Full_RU
4	EUT in Y axis Radio 1_1T1S, 4T1S, 4T4S, EUT in Z axis Radio 1_2T1S, 2T2S_Multi_RU/Puncturing
5	EUT in Y axis Radio 2_1T1S, 4T1S, 4T4S, EUT in Z axis Radio 2_2T1S, 2T2S_Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (Bluetooth)
2	R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (IEEE 802.15.4)
3	R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (Bluetooth)
4	R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (IEEE 802.15.4)
5	R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (Bluetooth)
6	R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (IEEE 802.15.4)
7	R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (Bluetooth)
8	R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (IEEE 802.15.4)
9	R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (Bluetooth)



10	R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (IEEE 802.15.4)
11	R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (Bluetooth)
12	R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (IEEE 802.15.4)
13	R1 (6GHz UNII 7)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5)+Scanning R4 (2.4GHz)+R5 (Bluetooth)
14	R1 (6GHz UNII 7)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5)+Scanning R4 (2.4GHz)+R5 (IEEE 802.15.4)
Refer to Sporton Test Report No.: FA561916-02AB for Co-location RF Exposure Evaluation.	

Note 1: The following test mode table is only applicable to Radio 1, 2 and is declared by the manufacturer.
The Scanning Radio 4 is only tested 2T2S and is declared by the manufacturer.

Test Mode of Radio 1, 2											
Test Item	802.11a					802.11be EHT20/40/80/160					
	1T1S	2T1S	2T2S	4T1S	4T4S	1T1S	2T1S	2T2S	4T1S	TXBF 4T1S	4T4S
Maximum Conducted Output Power	V	V	-	V	-	V	Note2	V	V	V	V
Emission Bandwidth	V	V	-	V	-	V	Note2	V	V	-	V
Peak Power Spectral Density	V	V	-	V	-	V	Note2	V	V	-	V
Radiated Emission	V	V	-	V	-	V	Note2	V	V	-	V
Band Edge Emission	V	V	-	V	-	V	Note2	V	V	-	V

Note 2: 802.11be EHT20/40/80/160 2T1S CDD mode was covered by 802.11be EHT20/40/80/160 2T2S, due to CDD 2T1S= 2T2S-(10*LOG(2/1)).

Note 3: R means Radio ; BT means Bluetooth.

Note 4: The PoE is for measurement only, would not be marketed.

The information as below:

Power	Brand	Model
PoE	Microsemi	PD-9501-10GC/AC

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories
Bracket*1
Sealing Collar*2

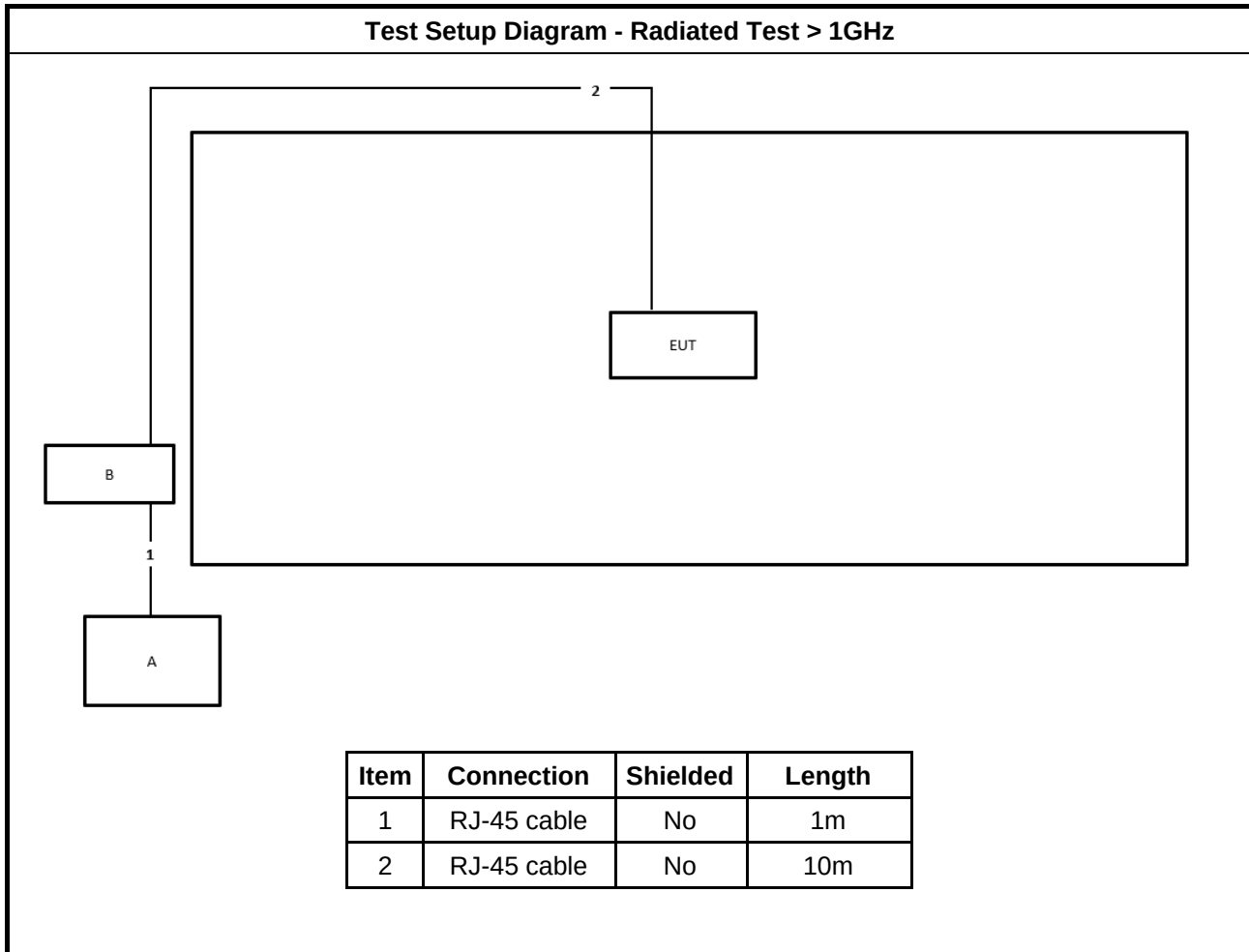


2.5 Support Equipment

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9501-10GC/AC	N/A

2.6 Test Setup Diagram



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, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

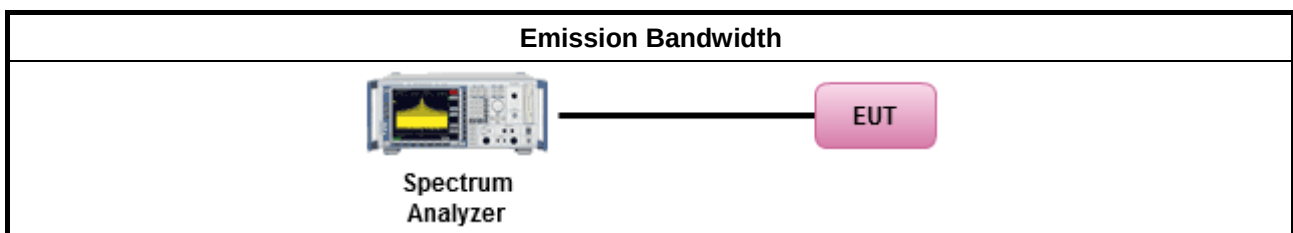
3.1.2 Measuring Instruments

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 FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.1.4 Test Setup





3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



3.2 Maximum Output Power

3.2.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band:	
	- For other devices: The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band:	
	- For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☐ For the 5.47-5.725 GHz band:	



	- The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log 10 B$, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☐	For the 5.725-5.85 GHz band:
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

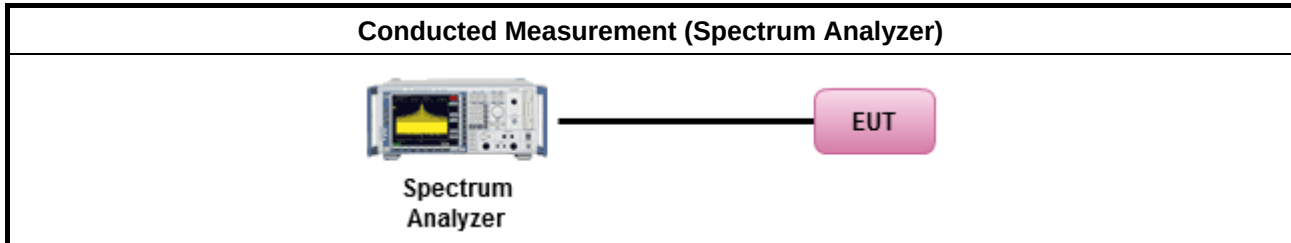
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

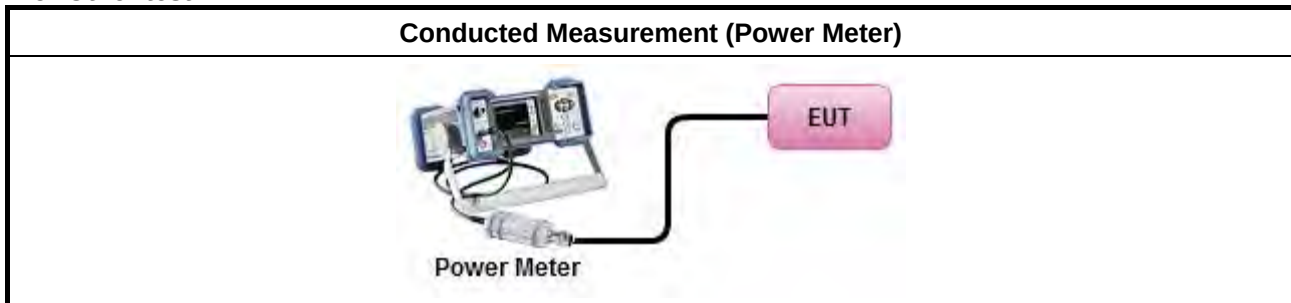
Test Method	
Maximum Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	- If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. - If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.2.4 Test Setup

For Straddle channel:



For Other test:



3.2.5 Test Result of Maximum Output Power

Refer as Appendix B



3.3 Power Spectral Density

3.3.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ 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.

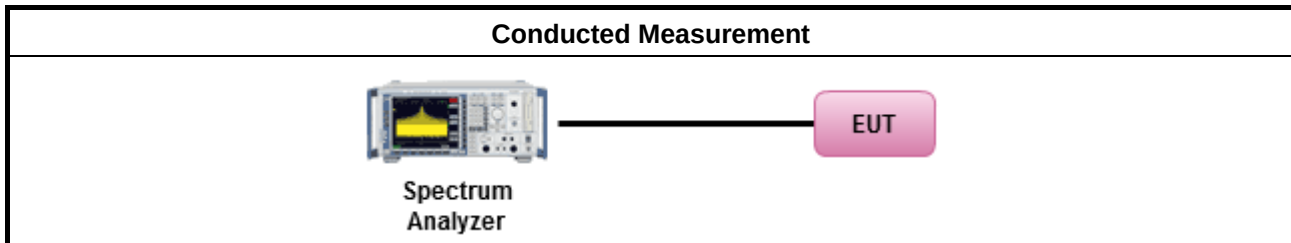


3.3.3 Test Procedures

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 FCC KDB 789033 D02, 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% or external video / power trigger]
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, 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:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
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]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C



3.4 Unwanted Emissions

3.4.1 Transmitter 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).



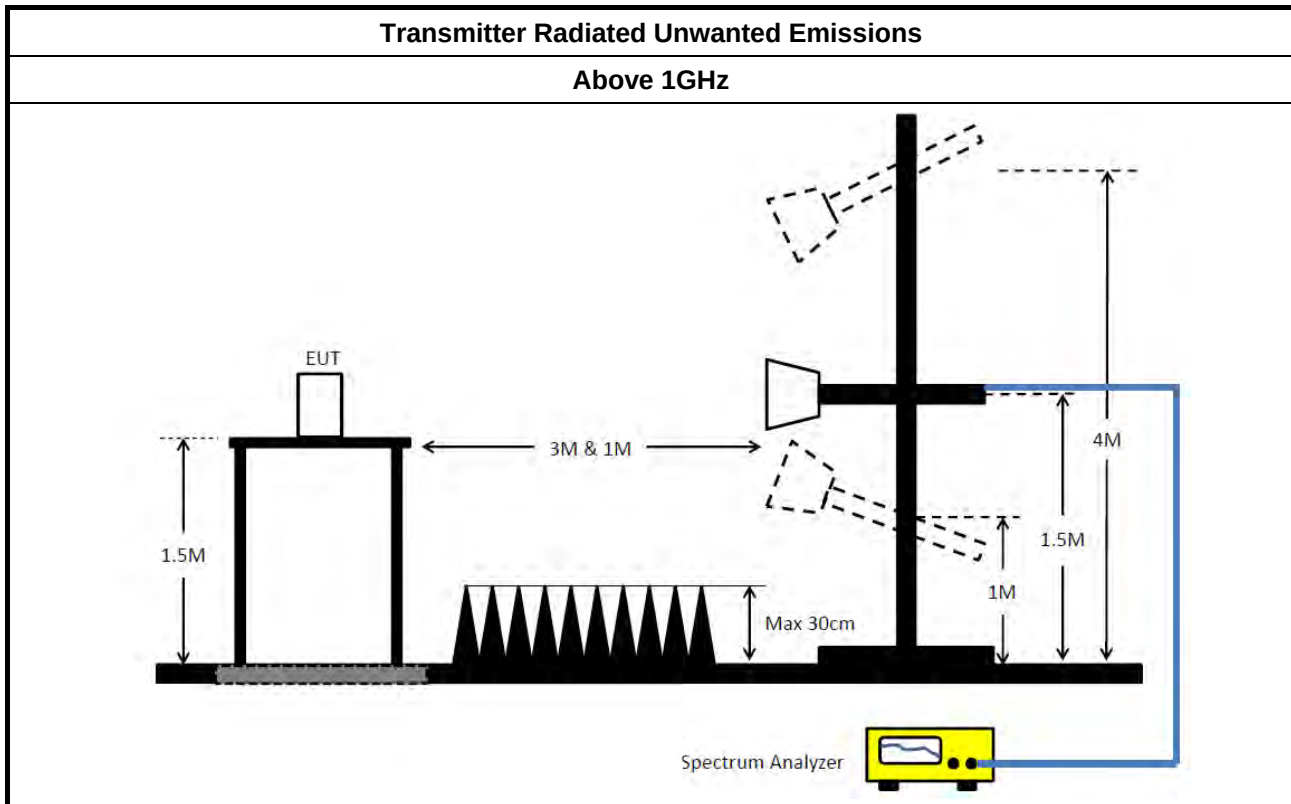
3.4.2 Measuring Instruments

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 FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) 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.	

3.4.4 Test Setup



3.4.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 15, 2025	Apr. 14, 2026	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101320	9kHz ~ 44GHz	Aug. 07, 2025	Aug. 06, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 27	5.15GHz~7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz~7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	COM-POWER	AH-118	071187	1GHz ~ 18GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz~7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV3044	101782	10kHz ~ 44GHz	Jul. 31, 2025	Jul. 30, 2026	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Aug. 01, 2025	Jul. 31, 2026	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Aug. 01, 2025	Jul. 31, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Power Divider	MTJ	2 Way	DF01-DV03	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
RF Power Divider	MTJ	2 Way	DF01-DV03	1GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
RF Power Divider	MTJ	2 Way	DF01-DV02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
RF Power Divider	MTJ	2 Way	DF01-DV02	1GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Test Mode: Mode 1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_1TX	33.385M	18.271M	18M3D1D	20.295M	16.774M
802.11a_Nss1.(6Mbps)_2TX	22.275M	16.712M	16M7D1D	18.975M	16.402M
802.11a_Nss1.(6Mbps)_4TX	21.175M	16.82M	16M8D1D	19.14M	16.419M
802.11be EHT20_Nss1.(MCS0)_1TX	40.095M	19.475M	19M5D1D	22.33M	19.093M
802.11be EHT20_Nss2.(MCS0)_2TX	30.69M	19.174M	19M2D1D	21.285M	19.015M
802.11be EHT20_Nss1.(MCS0)_4TX	22M	19.096M	19M1D1D	20.625M	18.991M
802.11be EHT20_Nss4.(MCS0)_4TX	24.915M	19.115M	19M1D1D	20.735M	18.96M
802.11be EHT40_Nss1.(MCS0)_1TX	40.7M	37.731M	37M7D1D	40.04M	37.55M
802.11be EHT40_Nss2.(MCS0)_2TX	56.1M	37.893M	37M9D1D	40.15M	37.719M
802.11be EHT40_Nss1.(MCS0)_4TX	42.13M	37.881M	37M9D1D	39.6M	37.631M
802.11be EHT40_Nss4.(MCS0)_4TX	46.09M	37.831M	37M8D1D	39.16M	37.631M
802.11be EHT80_Nss1.(MCS0)_1TX	82.28M	77.161M	77M2D1D	82.28M	77.161M
802.11be EHT80_Nss2.(MCS0)_2TX	81.4M	77.161M	77M2D1D	80.96M	77.061M
802.11be EHT80_Nss1.(MCS0)_4TX	82.06M	77.161M	77M2D1D	80.52M	77.061M
802.11be EHT80_Nss4.(MCS0)_4TX	81.84M	77.261M	77M3D1D	80.96M	77.161M

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

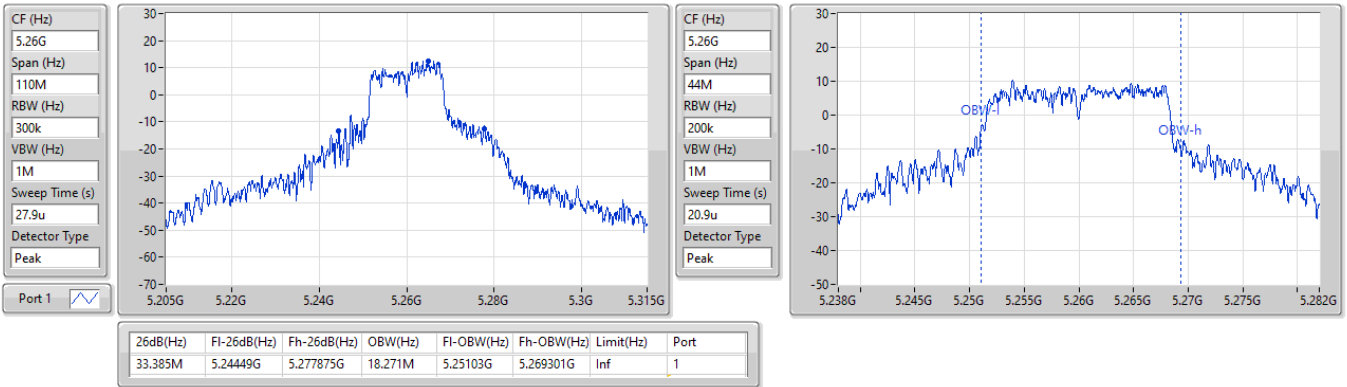
Result

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)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	33.385M	18.271M						
5300MHz	Pass	Inf	26.51M	17.27M						
5320MHz	Pass	Inf	20.295M	16.774M						
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	40.095M	19.475M						
5300MHz	Pass	Inf	30.14M	19.093M						
5320MHz	Pass	Inf	22.33M	19.14M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.04M	37.55M						
5310MHz	Pass	Inf	40.7M	37.731M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.28M	77.161M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.515M	16.402M	22.275M	16.564M				
5300MHz	Pass	Inf	21.065M	16.663M	18.975M	16.403M				
5320MHz	Pass	Inf	21.615M	16.712M	20.35M	16.624M				
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	24.695M	19.174M	30.69M	19.143M				
5300MHz	Pass	Inf	21.67M	19.051M	22.275M	19.031M				
5320MHz	Pass	Inf	21.285M	19.14M	23.265M	19.015M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	56.1M	37.893M	40.37M	37.719M				
5310MHz	Pass	Inf	40.15M	37.731M	40.59M	37.731M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.4M	77.161M	80.96M	77.061M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.625M	16.82M	19.14M	16.466M	21.175M	16.587M	20.46M	16.419M
5300MHz	Pass	Inf	20.79M	16.469M	20.295M	16.517M	20.13M	16.43M	20.405M	16.532M
5320MHz	Pass	Inf	21.01M	16.756M	20.075M	16.756M	20.955M	16.602M	20.405M	16.8M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.505M	19.096M	20.9M	19.005M	20.79M	19.006M	21.45M	19.055M
5300MHz	Pass	Inf	21.395M	19.029M	21.12M	19.004M	20.625M	19.036M	21.065M	19.01M
5320MHz	Pass	Inf	21.89M	19.015M	21.945M	18.991M	22M	19.015M	21.78M	19.09M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.71M	37.731M	39.93M	37.681M	39.6M	37.631M	39.93M	37.681M
5310MHz	Pass	Inf	40.37M	37.881M	42.13M	37.781M	42.13M	37.681M	41.14M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.74M	77.061M	82.06M	77.061M	80.52M	77.161M	82.06M	77.061M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.285M	18.969M	21.12M	19.098M	20.955M	18.973M	21.285M	19.026M
5300MHz	Pass	Inf	22.055M	19.052M	20.735M	18.986M	24.695M	19.101M	21.175M	18.96M
5320MHz	Pass	Inf	21.56M	19.015M	24.915M	19.065M	22.055M	19.115M	21.725M	19.04M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.71M	37.681M	39.82M	37.631M	39.6M	37.631M	39.16M	37.631M
5310MHz	Pass	Inf	43.45M	37.681M	46.09M	37.831M	41.36M	37.681M	41.8M	37.731M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.62M	77.261M	81.84M	77.161M	80.96M	77.261M	81.18M	77.161M

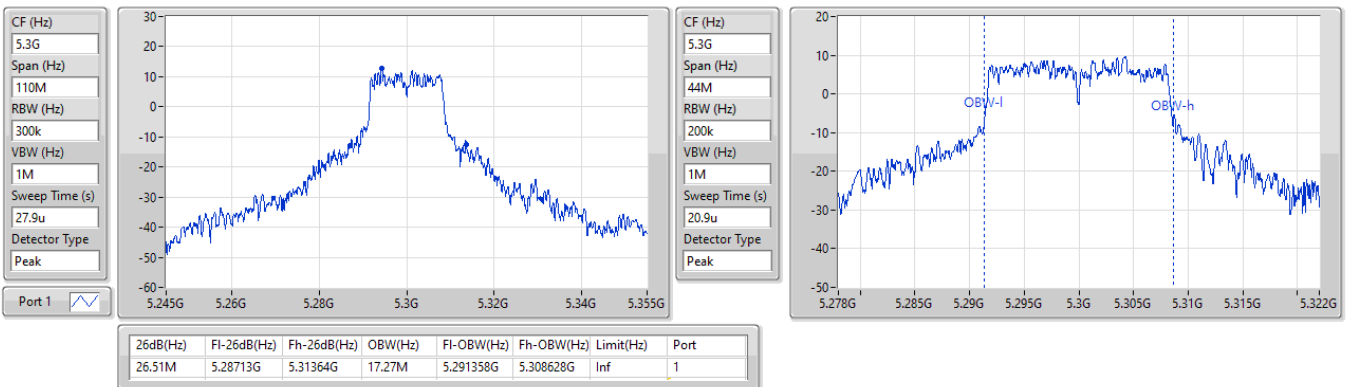
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

01/09/2025

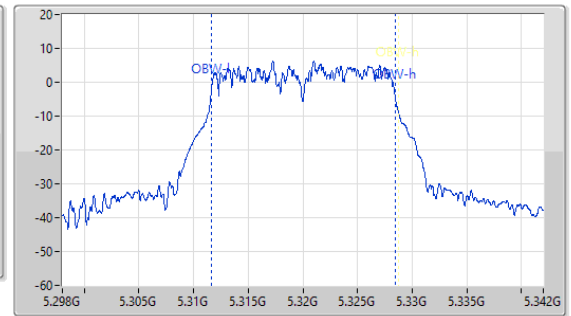
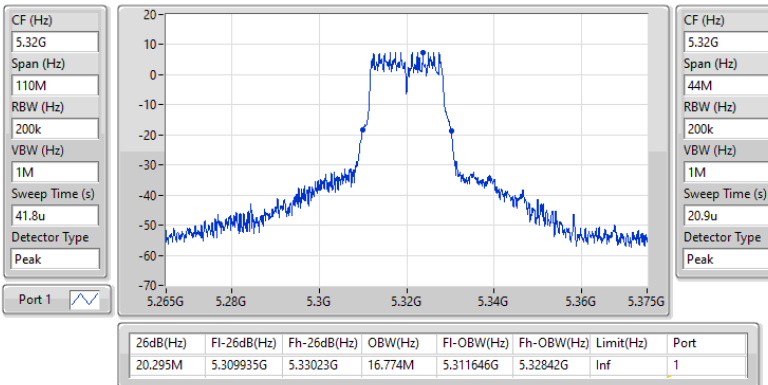

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

01/09/2025

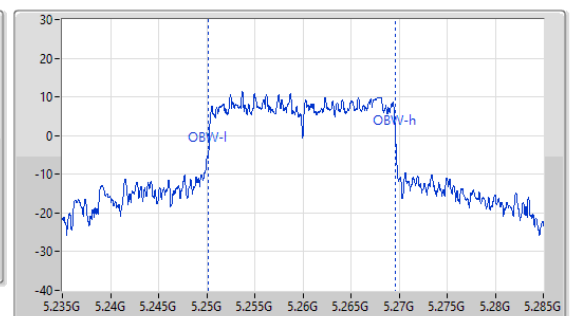
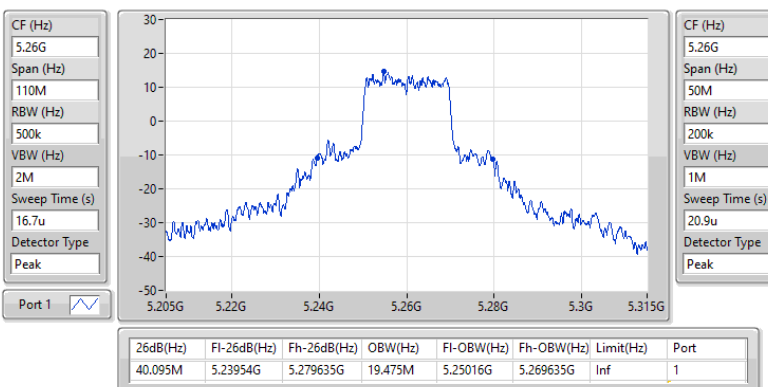


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

01/09/2025

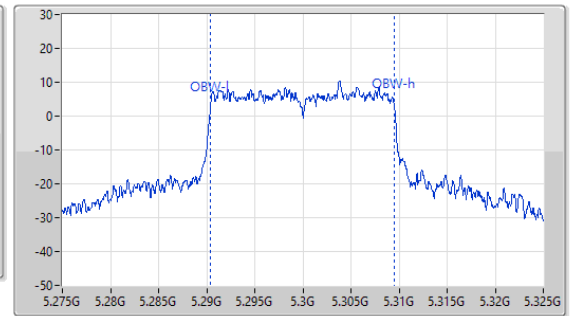
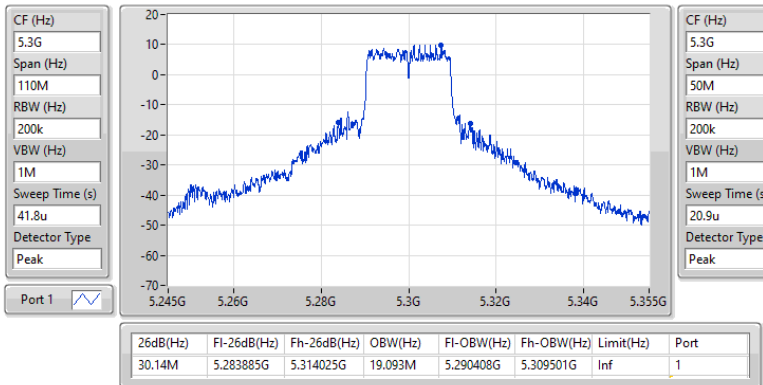

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

01/09/2025

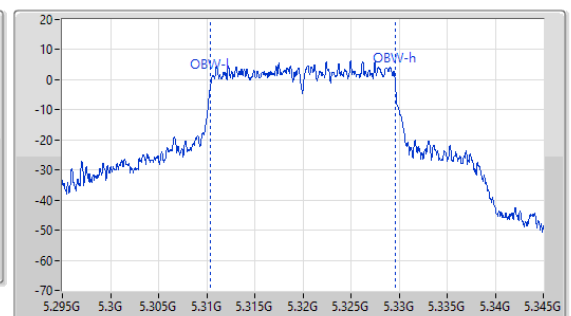
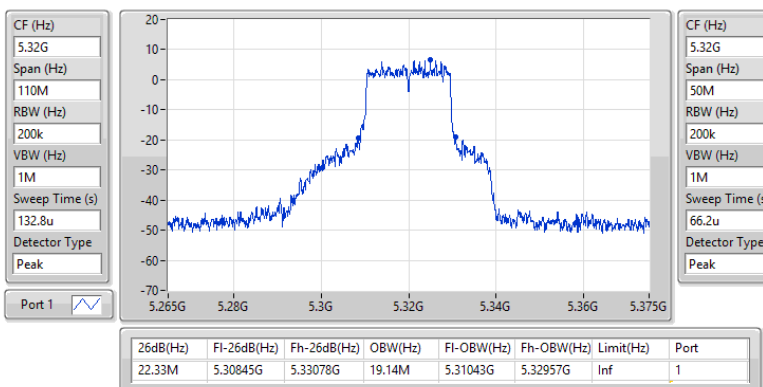


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

01/09/2025

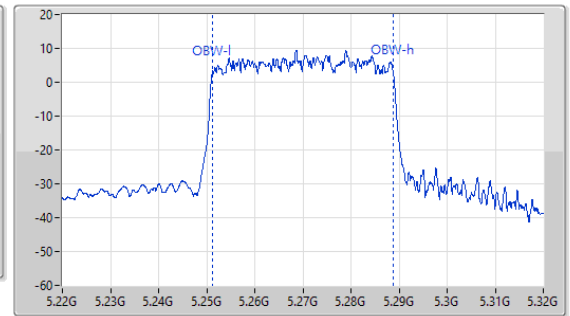
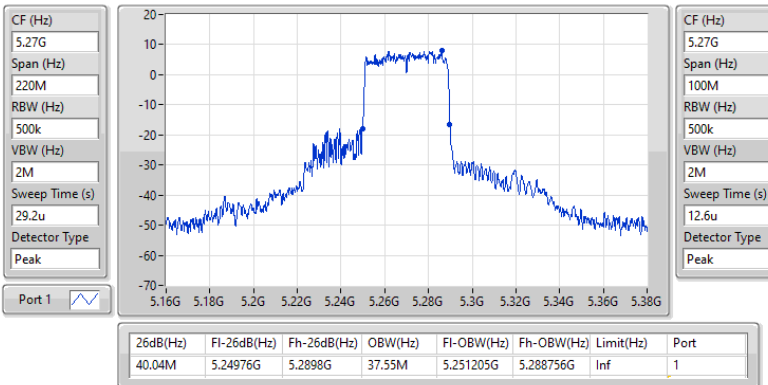

5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

23/09/2025

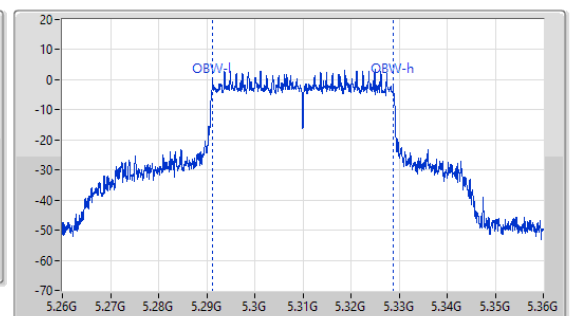
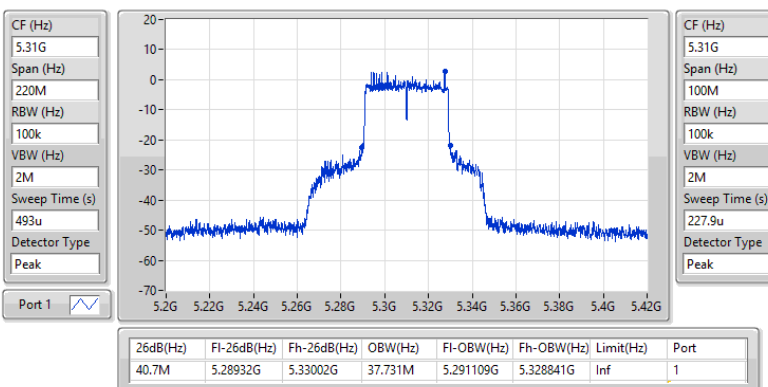


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

01/09/2025

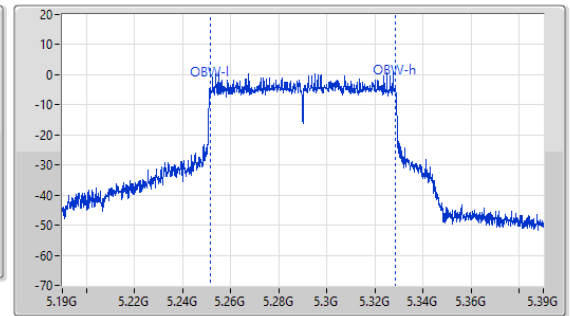
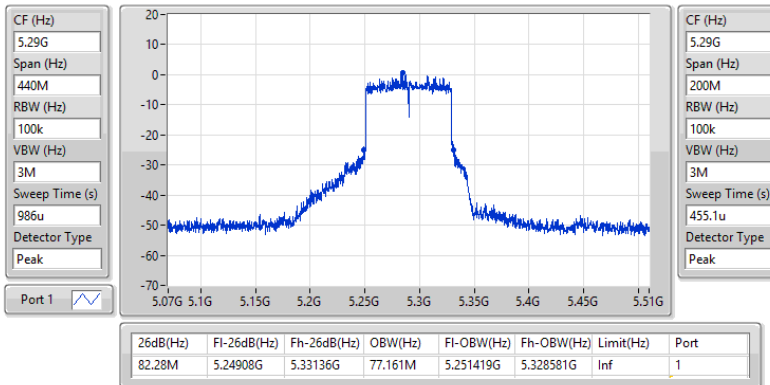

5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

23/09/2025

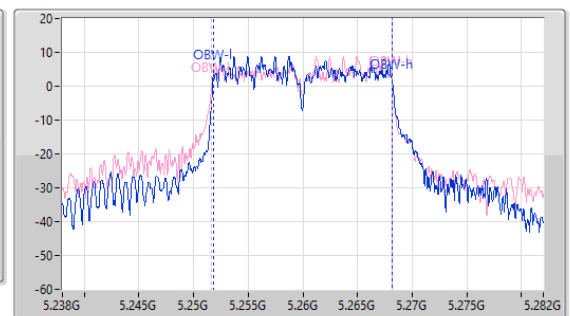
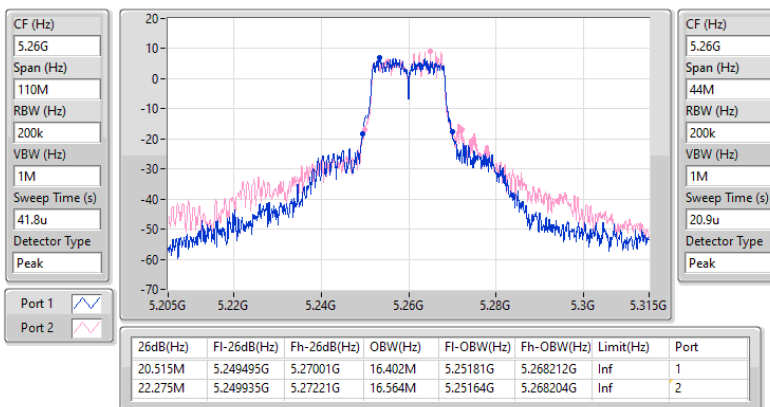


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

23/09/2025

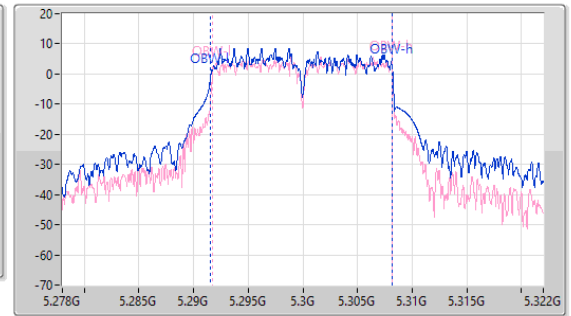
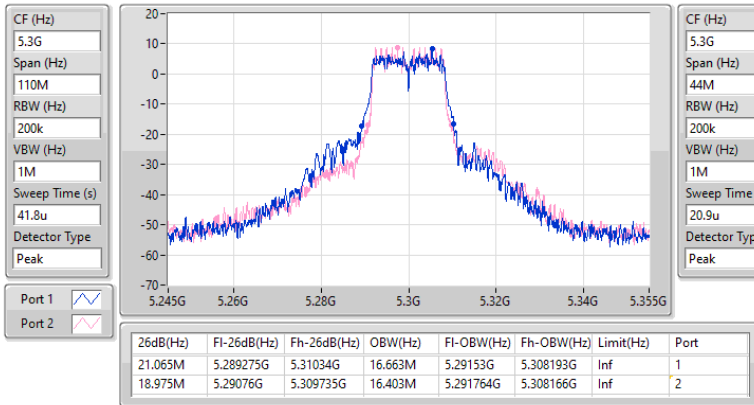

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

01/09/2025

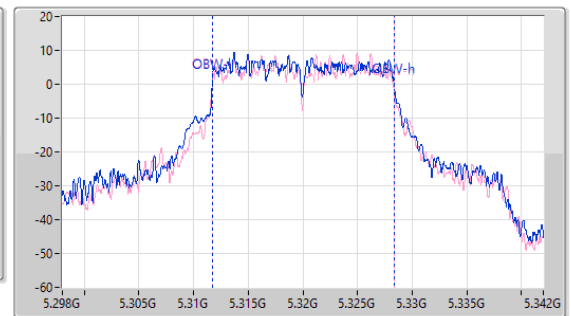
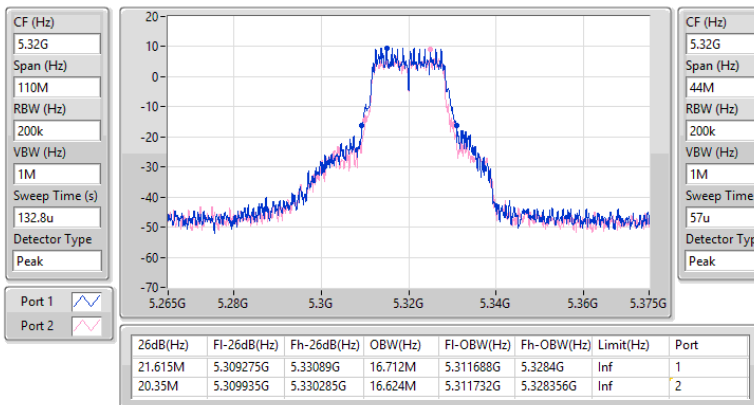


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

01/09/2025

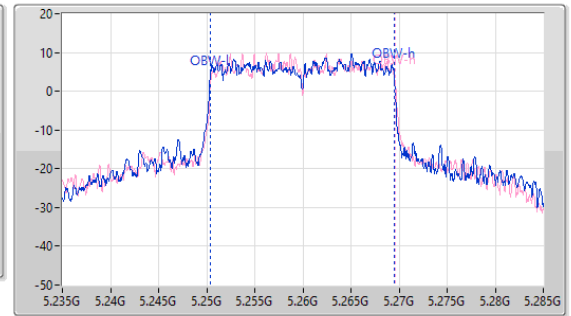
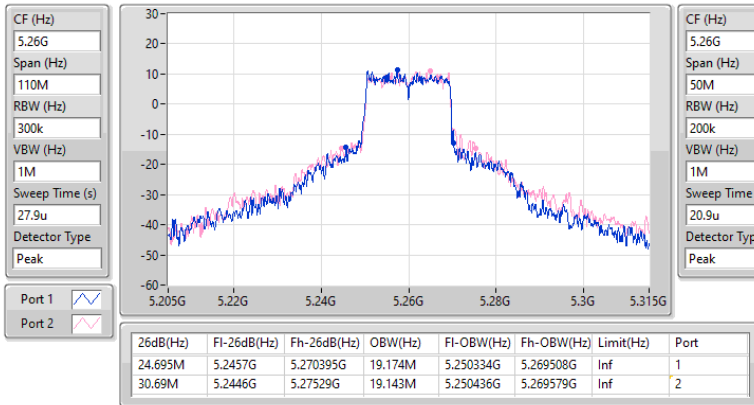

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

23/09/2025

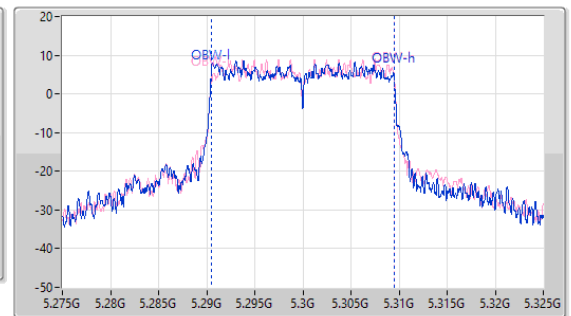
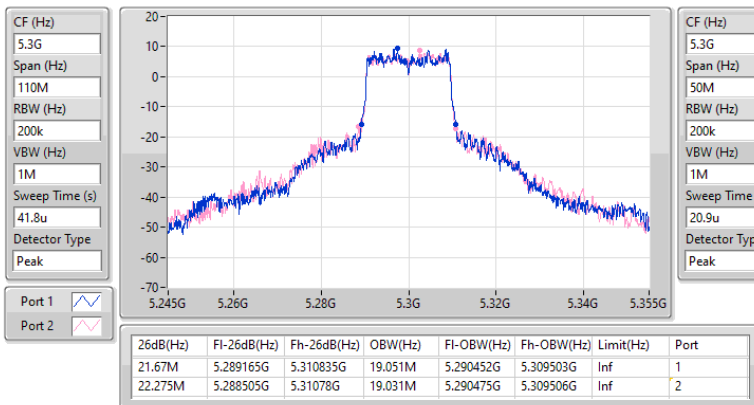


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5260MHz

01/09/2025


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5300MHz

01/09/2025

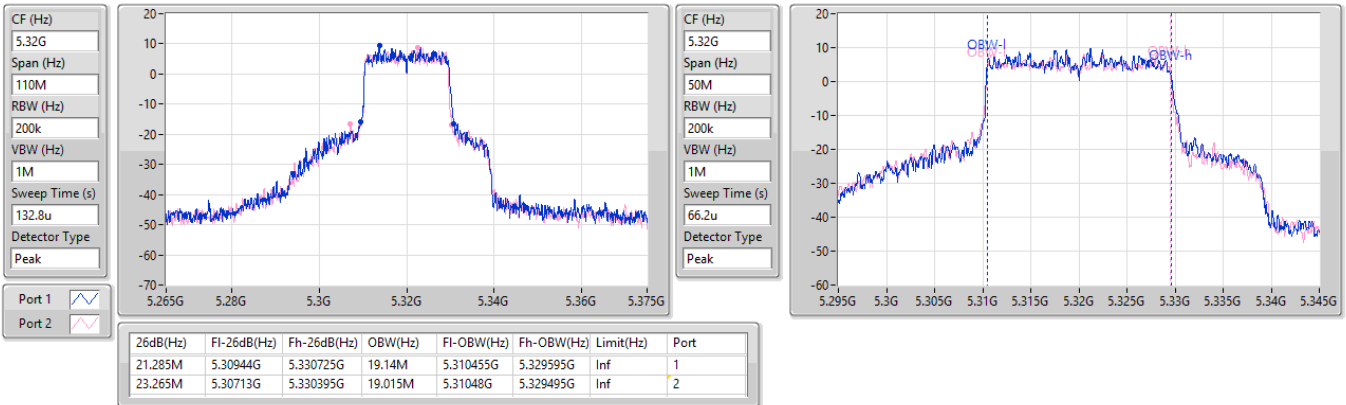


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

23/09/2025

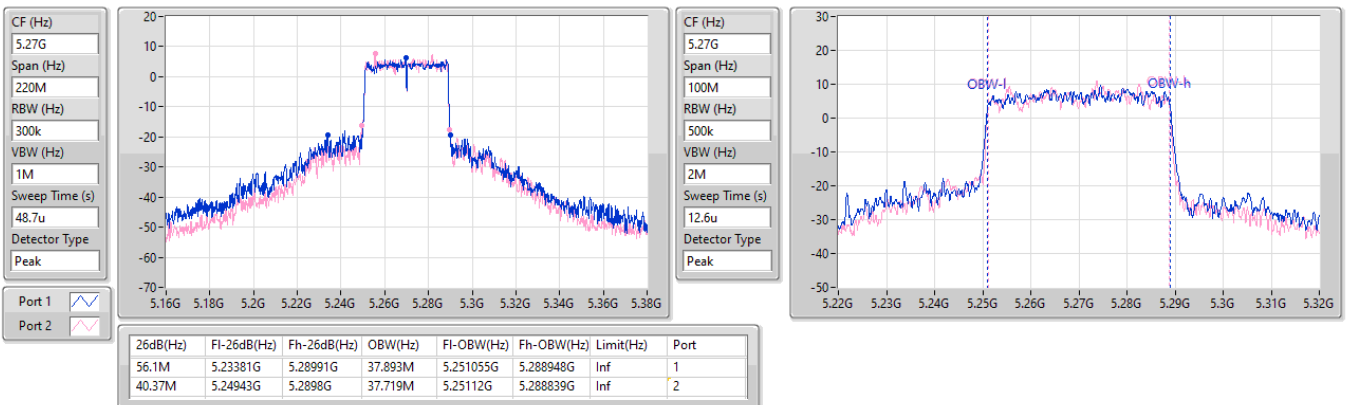


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

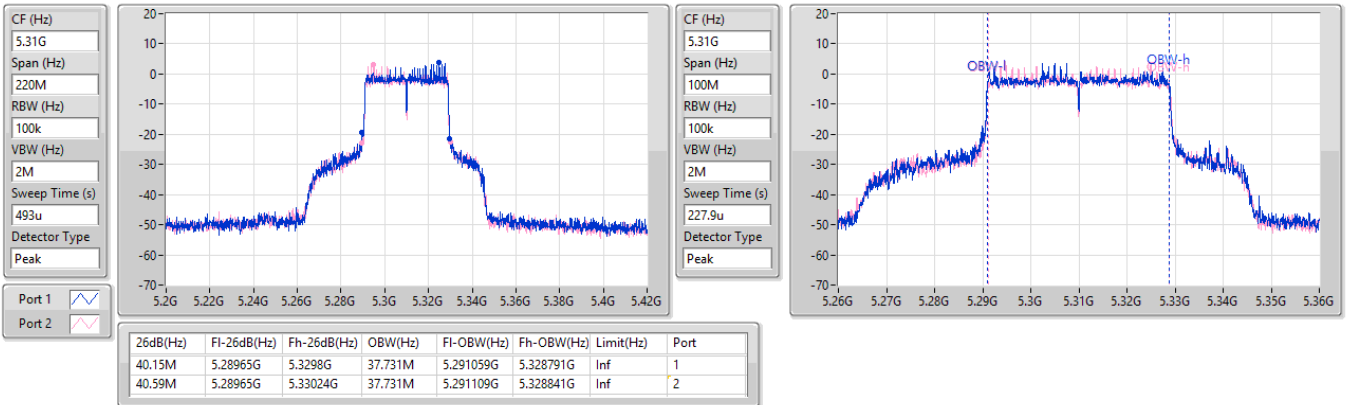
5270MHz

01/09/2025

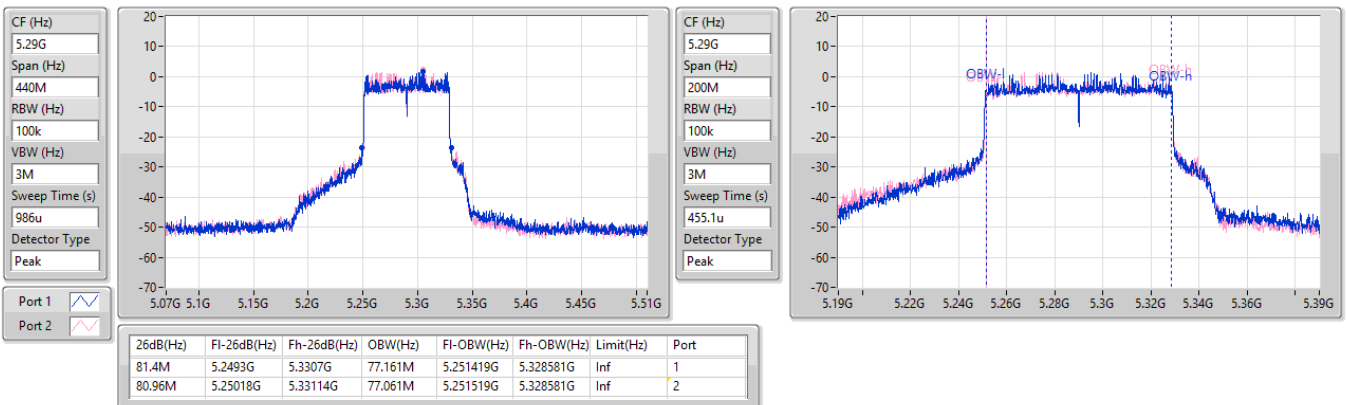


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5310MHz

23/09/2025


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

23/09/2025

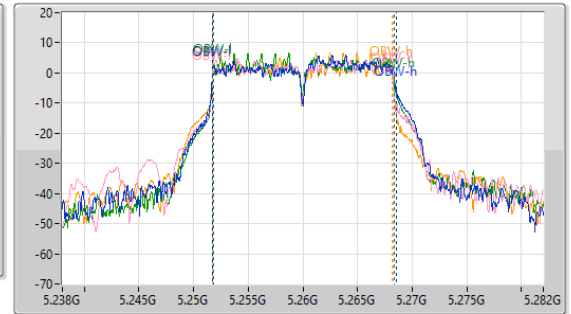
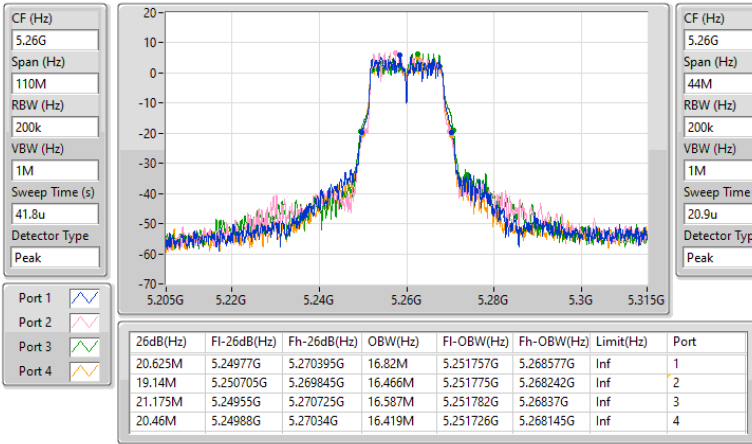


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

01/09/2025

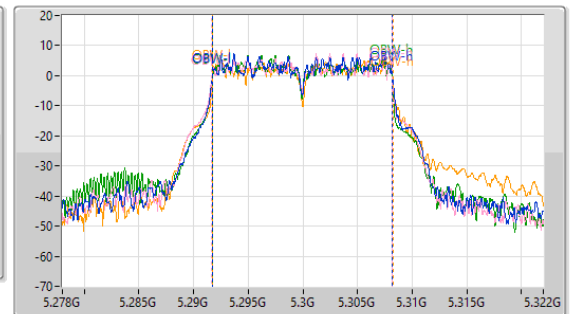
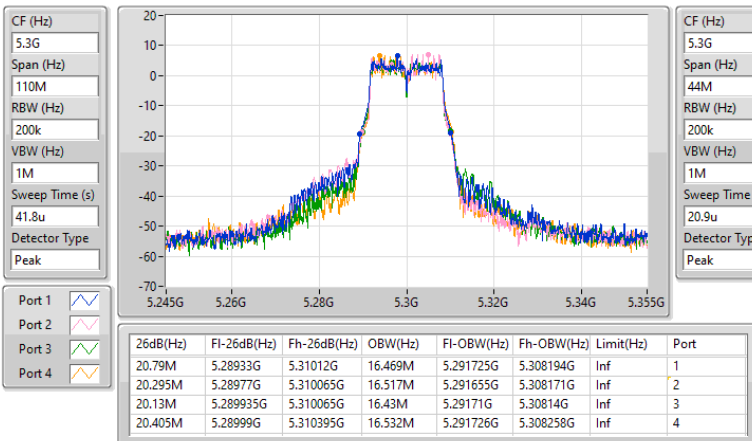


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

01/09/2025

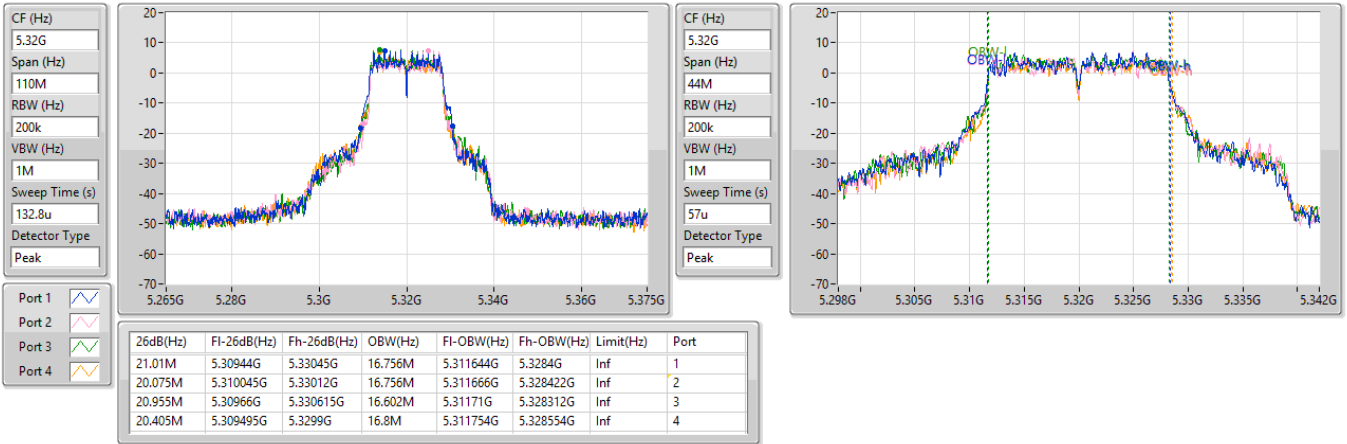


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

23/09/2025

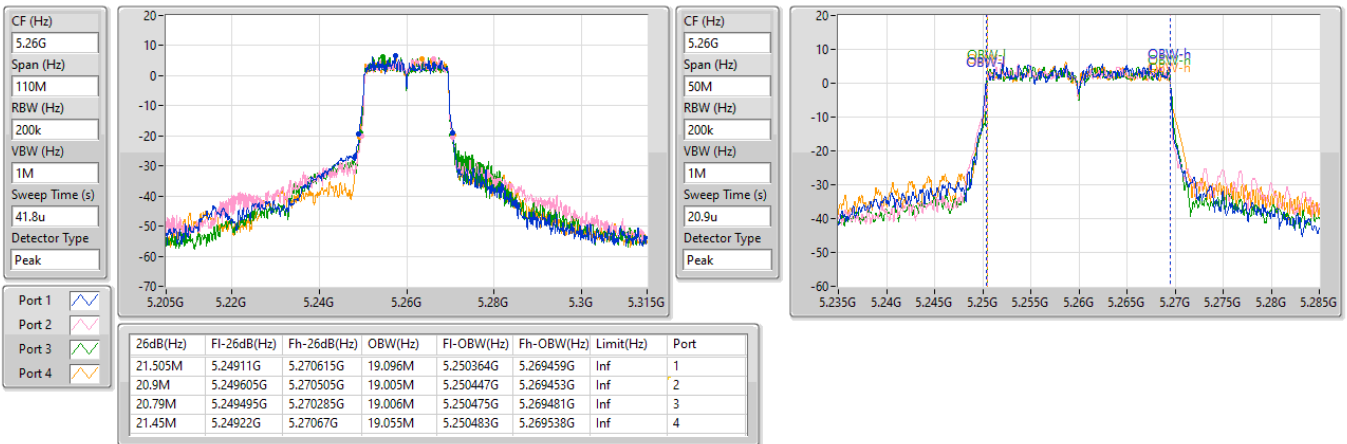


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

01/09/2025

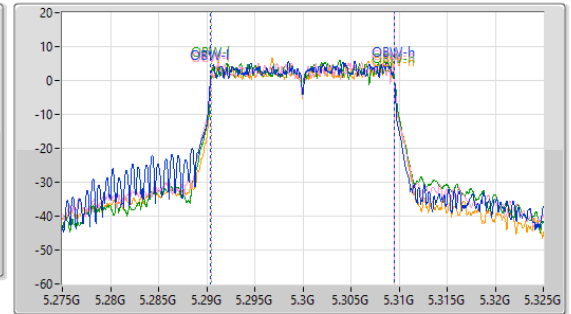
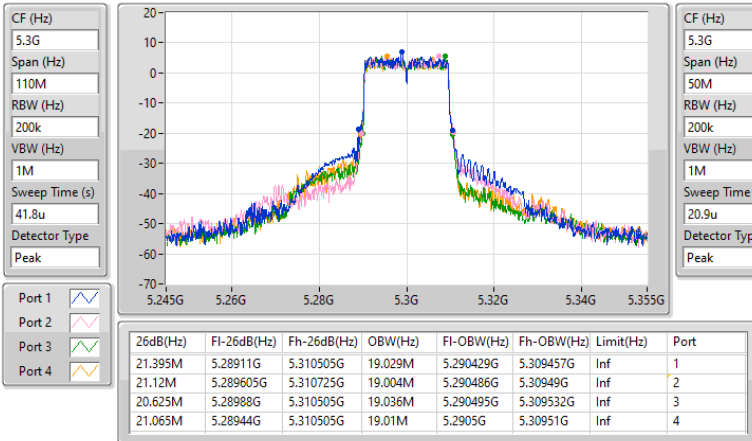


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

01/09/2025

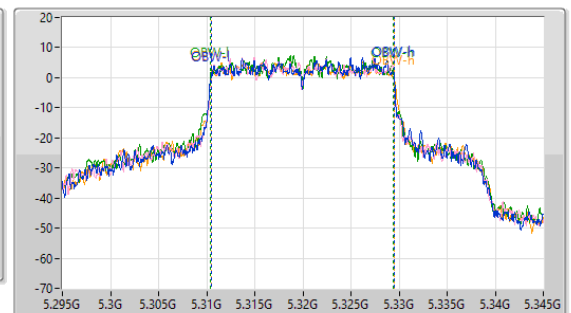
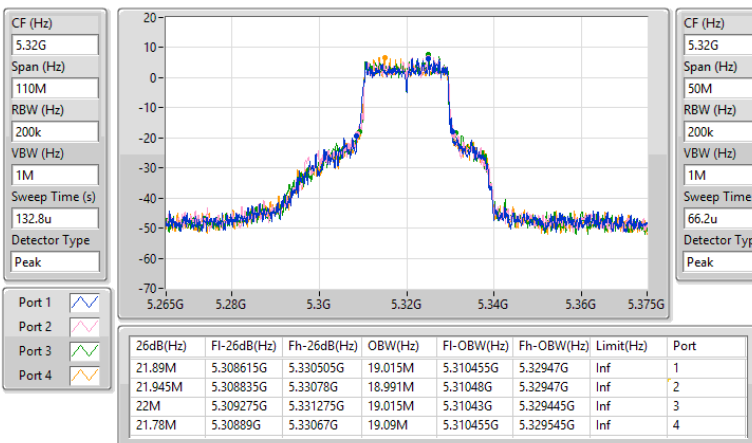


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

23/09/2025

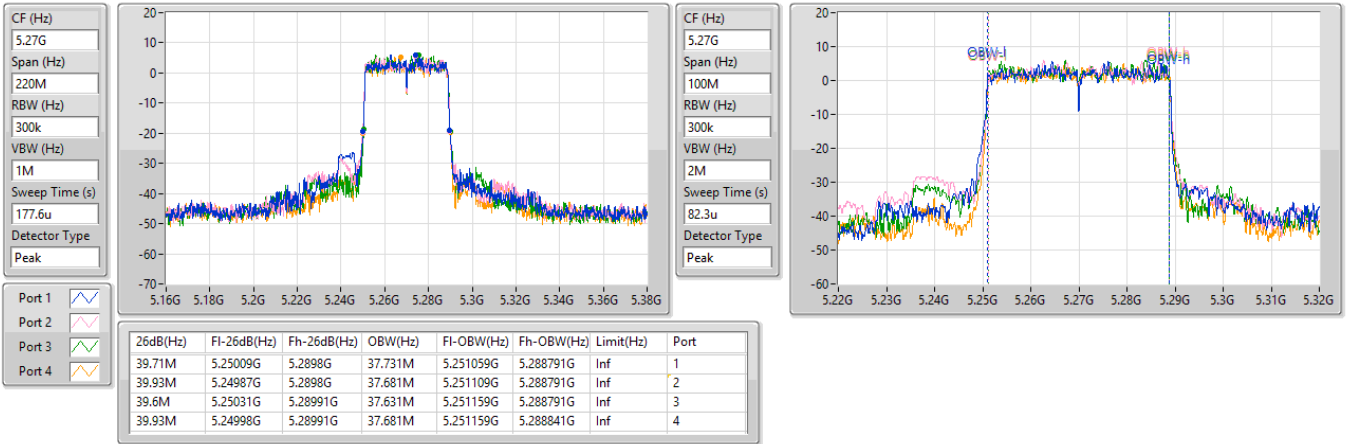


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

23/09/2025

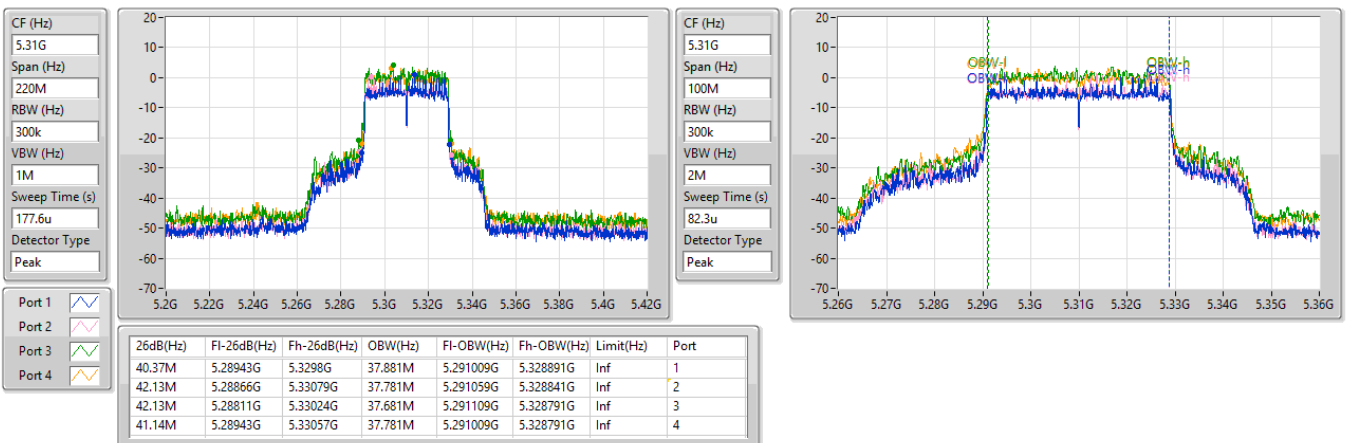


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

23/09/2025

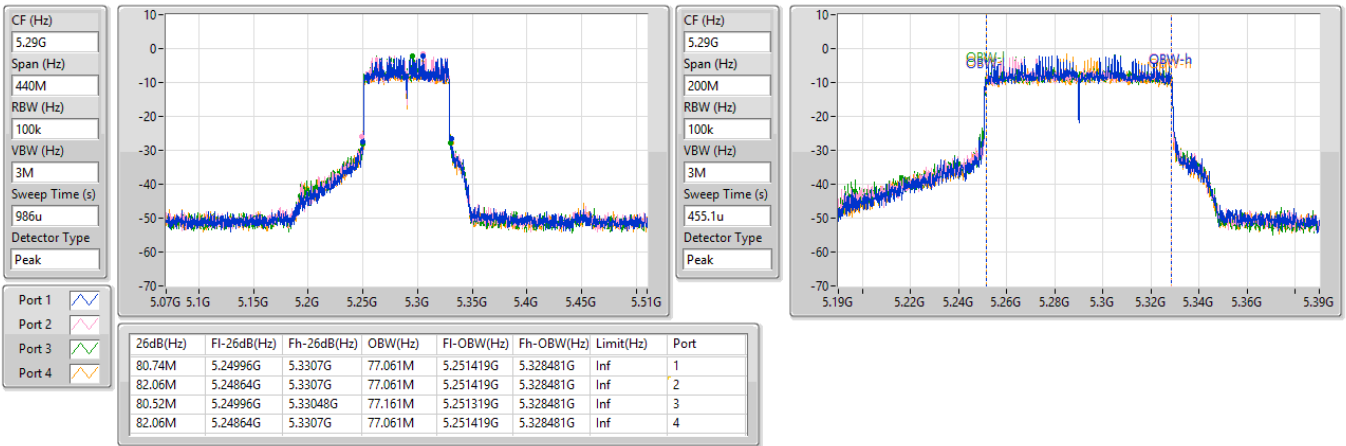


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

23/09/2025

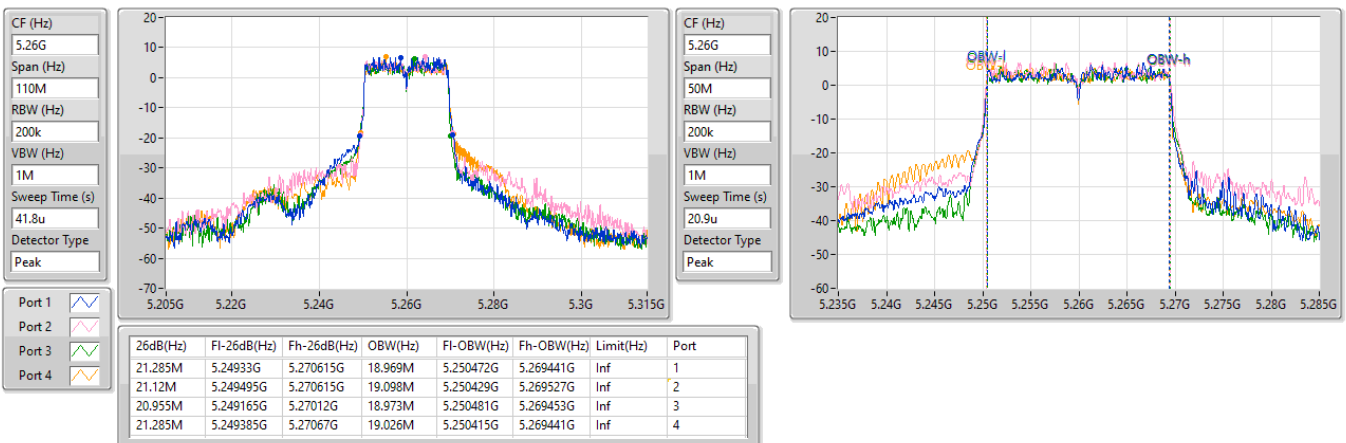


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EBW

5260MHz

01/09/2025

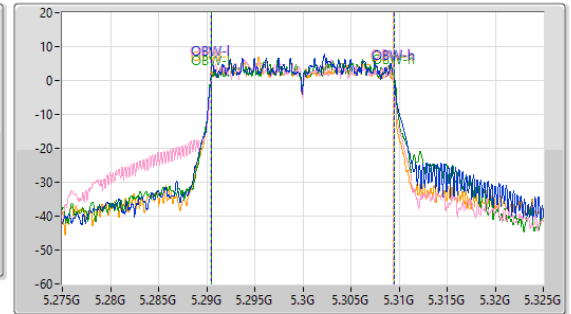
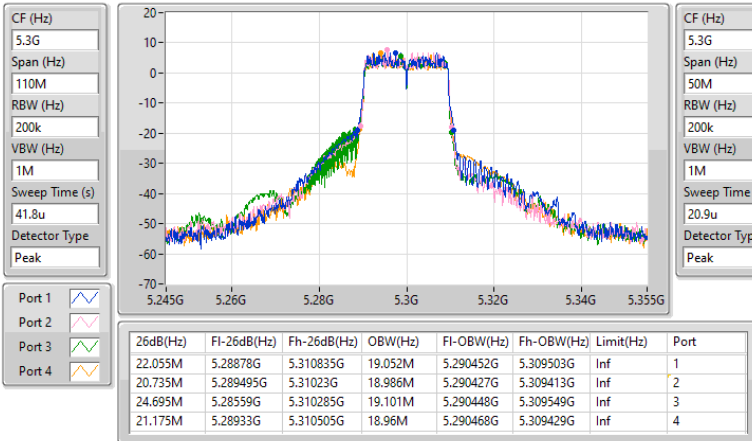


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5300MHz

01/09/2025

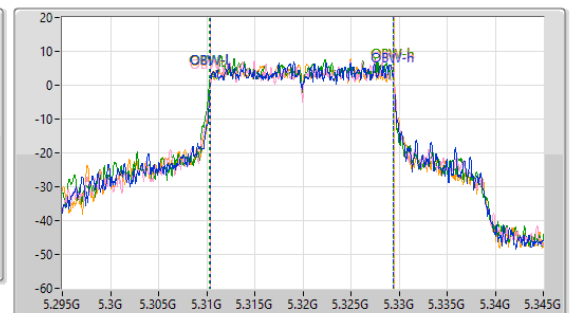
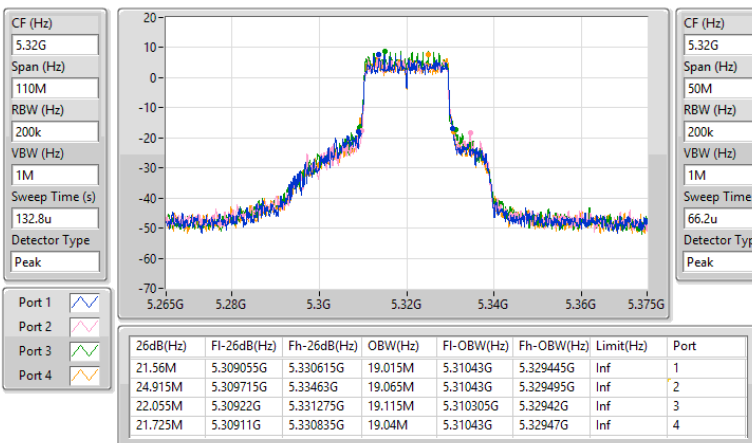


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5320MHz

23/09/2025

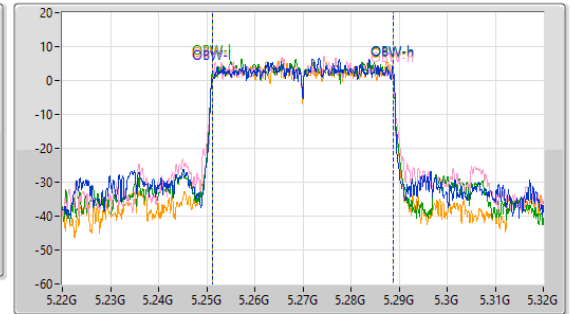
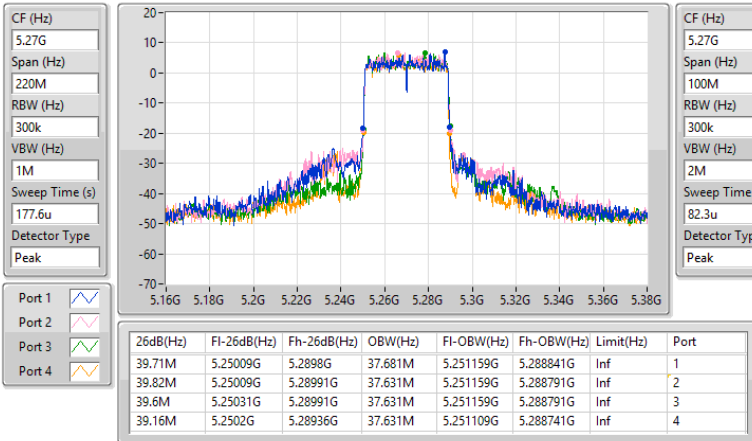


5.25-5.35GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5270MHz

23/09/2025

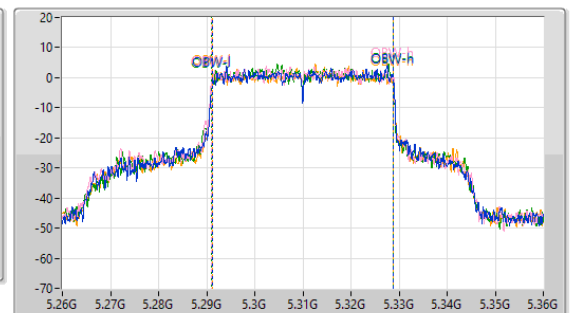
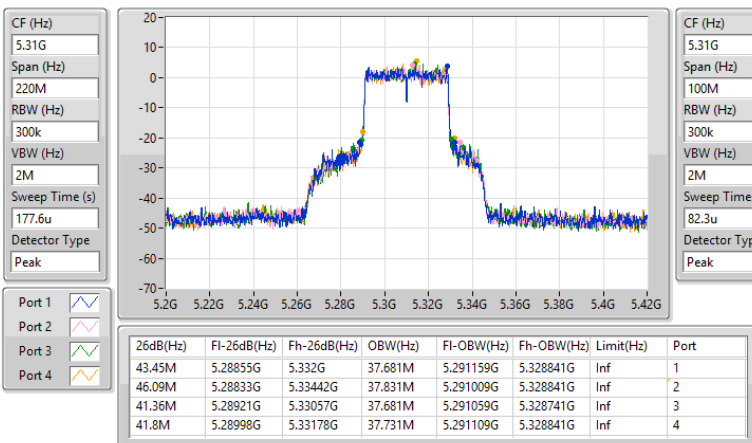


5.25-5.35GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5310MHz

23/09/2025

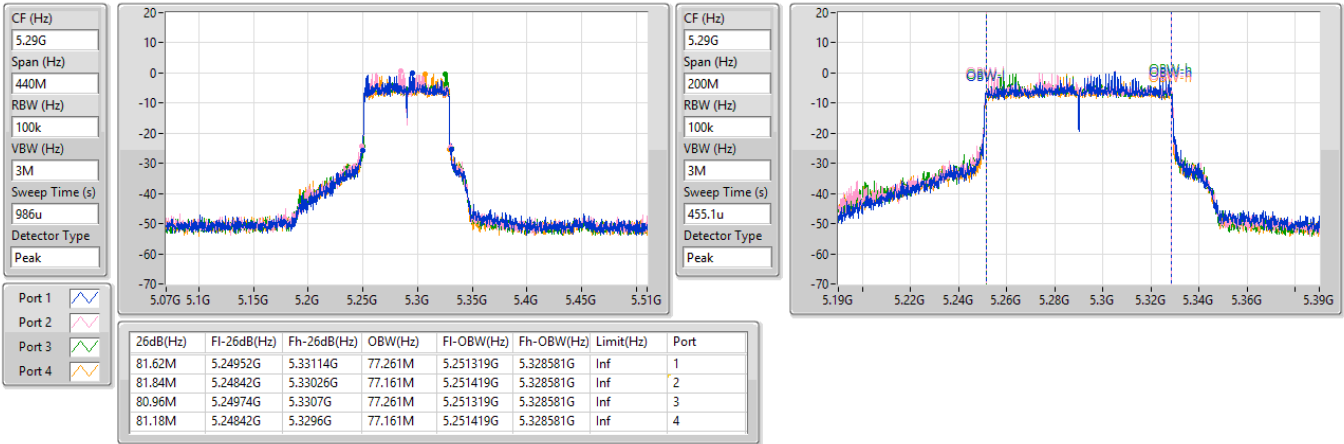


5.25-5.35GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5290MHz

23/09/2025



Test Mode: Mode 2
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)_1TX	81.68M	77.401M	77M4D1D	81.68M	77.401M
802.11be EHT160_Nss2,(MCS0)_2TX	81.28M	77.561M	77M6D1D	81.04M	77.321M
802.11be EHT160_Nss1,(MCS0)_4TX	81.76M	77.481M	77M5D1D	81.2M	77.321M
802.11be EHT160_Nss4,(MCS0)_4TX	81.68M	77.481M	77M5D1D	81.12M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.01M	19.207M	19M2D1D	22.99M	17.103M
802.11a_Nss1,(6Mbps)_2TX	23.1M	17.096M	17M1D1D	21.45M	16.898M
802.11a_Nss1,(6Mbps)_4TX	22.44M	17.09M	17M1D1D	21.45M	16.962M
802.11be EHT20_Nss1,(MCS0)_1TX	42.405M	19.592M	19M6D1D	26.95M	19.248M
802.11be EHT20_Nss2,(MCS0)_2TX	30.69M	19.257M	19M3D1D	21.725M	19.156M
802.11be EHT20_Nss1,(MCS0)_4TX	27.885M	19.246M	19M2D1D	25.19M	19.189M
802.11be EHT20_Nss4,(MCS0)_4TX	32.285M	19.255M	19M3D1D	24.585M	19.158M
802.11be EHT40_Nss1,(MCS0)_1TX	47.63M	37.969M	38M0D1D	47.52M	37.901M
802.11be EHT40_Nss2,(MCS0)_2TX	61.27M	37.952M	38M0D1D	43.78M	37.858M
802.11be EHT40_Nss1,(MCS0)_4TX	52.47M	37.939M	37M9D1D	42.46M	37.829M
802.11be EHT40_Nss4,(MCS0)_4TX	56.21M	37.963M	38M0D1D	43.45M	37.882M
802.11be EHT80_Nss1,(MCS0)_1TX	85.14M	77.329M	77M3D1D	85.14M	77.329M
802.11be EHT80_Nss2,(MCS0)_2TX	86.46M	77.448M	77M4D1D	84.48M	77.323M
802.11be EHT80_Nss1,(MCS0)_4TX	84.92M	77.453M	77M5D1D	82.5M	77.309M
802.11be EHT80_Nss4,(MCS0)_4TX	86.68M	77.561M	77M6D1D	84.7M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX	82.8M	77.561M	77M6D1D	82.8M	77.561M
802.11be EHT160_Nss2,(MCS0)_2TX	81.52M	77.481M	77M5D1D	81.36M	77.481M
802.11be EHT160_Nss1,(MCS0)_4TX	82.08M	77.561M	77M6D1D	81.2M	77.401M
802.11be EHT160_Nss4,(MCS0)_4TX	81.6M	77.481M	77M5D1D	81.36M	77.321M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	42.735M	18.21M	18M2D1D	21.34M	14.893M
802.11a_Nss1,(6Mbps)_2TX	21.89M	16.998M	17M0D1D	15.825M	13.587M
802.11a_Nss1,(6Mbps)_4TX	22.605M	17.072M	17M1D1D	15.885M	13.618M
802.11be EHT20_Nss1,(MCS0)_1TX	43.89M	19.634M	19M6D1D	21.67M	14.887M
802.11be EHT20_Nss2,(MCS0)_2TX	26.675M	19.216M	19M2D1D	21.395M	14.71M
802.11be EHT20_Nss1,(MCS0)_4TX	28.985M	19.245M	19M2D1D	16.905M	14.657M
802.11be EHT20_Nss4,(MCS0)_4TX	29.15M	19.237M	19M2D1D	17.73M	14.656M
802.11be EHT40_Nss1,(MCS0)_1TX	53.34M	37.951M	38M0D1D	45.65M	34.248M
802.11be EHT40_Nss2,(MCS0)_2TX	60.83M	37.98M	38M0D1D	42.665M	33.867M
802.11be EHT40_Nss1,(MCS0)_4TX	49.83M	37.965M	38M0D1D	36.4M	33.834M
802.11be EHT40_Nss4,(MCS0)_4TX	59.95M	37.934M	37M9D1D	35.875M	33.844M
802.11be EHT80_Nss1,(MCS0)_1TX	114.45M	77.461M	77M5D1D	82.72M	74.195M
802.11be EHT80_Nss2,(MCS0)_2TX	92.18M	77.461M	77M5D1D	79.875M	73.24M
802.11be EHT80_Nss1,(MCS0)_4TX	90.86M	77.461M	77M5D1D	76.275M	73.28M
802.11be EHT80_Nss4,(MCS0)_4TX	99M	77.561M	77M6D1D	76.425M	73.263M
802.11be EHT160_Nss1,(MCS0)_1TX	173.36M	156.922M	157MD1D	173.36M	156.922M
802.11be EHT160_Nss2,(MCS0)_2TX	164.56M	156.522M	157MD1D	164.56M	156.522M
802.11be EHT160_Nss1,(MCS0)_4TX	165M	156.522M	157MD1D	164.12M	156.322M
802.11be EHT160_Nss4,(MCS0)_4TX	165.44M	156.522M	157MD1D	164.12M	156.322M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	10.656M	10M7D1D	3.1M	10.656M
802.11a_Nss1,(6Mbps)_2TX	3.12M	5.325M	5M33D1D	3.12M	4.502M
802.11a_Nss1,(6Mbps)_4TX	3.12M	4.961M	4M96D1D	3.12M	4.777M
802.11be EHT20_Nss1,(MCS0)_1TX	4.44M	10.079M	10M1D1D	4.44M	10.079M
802.11be EHT20_Nss2,(MCS0)_2TX	4.44M	10.551M	10M6D1D	4.44M	8.93M
802.11be EHT20_Nss1,(MCS0)_4TX	4.42M	6.134M	6M13D1D	4.4M	5.342M
802.11be EHT20_Nss4,(MCS0)_4TX	4.46M	6.301M	6M30D1D	4.4M	5.091M
802.11be EHT40_Nss1,(MCS0)_1TX	4.02M	24.2M	24M2D1D	4.02M	24.2M

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11be EHT40_Nss2,(MCS0)_2TX	3.92M	19.846M	19M8D1D	3.88M	17.291M
802.11be EHT40_Nss1,(MCS0)_4TX	3.88M	10.43M	10M4D1D	3.86M	6.264M
802.11be EHT40_Nss4,(MCS0)_4TX	3.92M	10.735M	10M7D1D	3.82M	6.501M
802.11be EHT80_Nss1,(MCS0)_1TX	3.92M	35.971M	36M0D1D	3.92M	35.971M
802.11be EHT80_Nss2,(MCS0)_2TX	3.94M	29.832M	29M8D1D	3.86M	29.377M
802.11be EHT80_Nss1,(MCS0)_4TX	3.88M	18.145M	18M1D1D	3.76M	12.456M
802.11be EHT80_Nss4,(MCS0)_4TX	3.86M	18.151M	18M2D1D	3.74M	10.659M

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)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	43.01M	19.207M						
5300MHz	Pass	Inf	42.185M	18.718M						
5320MHz	Pass	Inf	22.99M	17.103M						
5500MHz	Pass	Inf	23.045M	17.14M						
5580MHz	Pass	Inf	42.735M	18.21M						
5700MHz	Pass	Inf	21.34M	16.888M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.24M	14.893M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	10.656M						
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	42.405M	19.592M						
5300MHz	Pass	Inf	38.995M	19.35M						
5320MHz	Pass	Inf	26.95M	19.248M						
5500MHz	Pass	Inf	29.315M	19.193M						
5580MHz	Pass	Inf	43.89M	19.634M						
5700MHz	Pass	Inf	21.67M	19.14M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	27.12M	14.887M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	10.079M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	47.63M	37.969M						
5310MHz	Pass	Inf	47.52M	37.901M						
5510MHz	Pass	Inf	51.81M	37.911M						
5550MHz	Pass	Inf	46.64M	37.951M						
5670MHz	Pass	Inf	45.65M	37.905M						
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.34M	34.248M						
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	24.2M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	85.14M	77.329M						
5530MHz	Pass	Inf	86.9M	77.461M						
5610MHz	Pass	Inf	82.72M	77.354M						
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	114.45M	74.195M						
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	35.971M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.68M	77.401M						
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	77.561M						
5570MHz	Pass	Inf	173.36M	156.922M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.22M	17.096M	23.1M	16.949M				
5300MHz	Pass	Inf	21.56M	16.968M	21.45M	16.898M				
5320MHz	Pass	Inf	22.055M	17.023M	22M	16.942M				
5500MHz	Pass	Inf	21.615M	16.998M	21.67M	16.883M				
5580MHz	Pass	Inf	21.395M	16.936M	21.89M	16.908M				
5700MHz	Pass	Inf	21.45M	16.932M	21.12M	16.756M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.825M	13.587M	17.01M	13.692M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.502M	3.12M	5.325M				
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	30.69M	19.225M	27.335M	19.224M				
5300MHz	Pass	Inf	21.725M	19.156M	29.645M	19.257M				
5320MHz	Pass	Inf	26.95M	19.172M	25.135M	19.22M				
5500MHz	Pass	Inf	21.945M	19.157M	26.29M	19.216M				
5580MHz	Pass	Inf	21.67M	19.152M	26.675M	19.181M				
5700MHz	Pass	Inf	21.835M	19.14M	21.395M	19.14M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.985M	14.71M	24.78M	14.921M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	8.93M	4.44M	10.551M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-

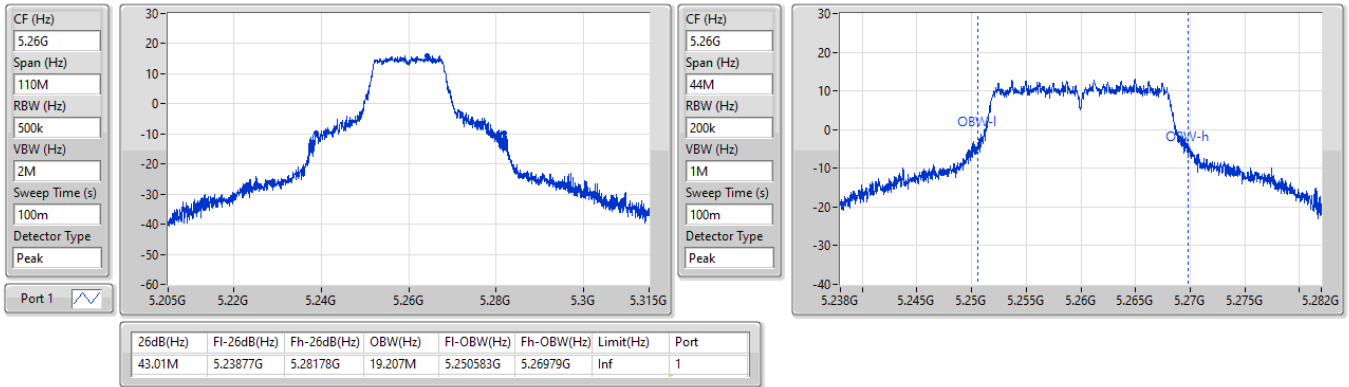
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5270MHz	Pass	Inf	61.27M	37.94M	45.98M	37.952M				
5310MHz	Pass	Inf	43.78M	37.858M	45.21M	37.863M				
5510MHz	Pass	Inf	45.54M	37.897M	43.23M	37.879M				
5550MHz	Pass	Inf	60.83M	37.98M	48.4M	37.945M				
5670MHz	Pass	Inf	44.55M	37.949M	52.03M	37.831M				
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	47.075M	33.867M	42.665M	33.885M				
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	17.291M	3.88M	19.846M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	86.46M	77.448M	84.48M	77.323M				
5530MHz	Pass	Inf	90.86M	77.461M	92.18M	77.361M				
5610MHz	Pass	Inf	85.8M	77.392M	84.04M	77.377M				
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	87.975M	73.24M	79.875M	73.29M				
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	29.377M	3.86M	29.832M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.561M	81.04M	77.321M				
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.52M	77.481M	81.36M	77.481M				
5570MHz	Pass	Inf	164.56M	156.522M	164.56M	156.522M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.44M	17.055M	21.78M	17.027M	22.275M	17.023M	21.615M	16.962M
5300MHz	Pass	Inf	22.275M	17.065M	21.725M	17.017M	22M	16.963M	21.45M	16.974M
5320MHz	Pass	Inf	22.22M	17.071M	21.89M	17.09M	21.78M	17.052M	22.11M	17.011M
5500MHz	Pass	Inf	22.605M	17.072M	22.495M	17.054M	22.33M	17.068M	22.165M	17.042M
5580MHz	Pass	Inf	22.385M	17.015M	22.495M	17.025M	22.495M	16.984M	21.67M	16.951M
5700MHz	Pass	Inf	21.395M	16.893M	21.505M	16.857M	21.34M	16.824M	21.34M	16.715M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.095M	13.631M	16.26M	13.729M	15.885M	13.618M	16.005M	13.72M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.809M	3.12M	4.961M	3.12M	4.777M	3.12M	4.894M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	25.575M	19.214M	26.895M	19.243M	26.07M	19.246M	26.07M	19.208M
5300MHz	Pass	Inf	25.74M	19.221M	27.445M	19.209M	25.245M	19.208M	25.3M	19.225M
5320MHz	Pass	Inf	25.575M	19.189M	27.885M	19.231M	25.19M	19.208M	27.005M	19.21M
5500MHz	Pass	Inf	27.885M	19.245M	28.985M	19.201M	28.215M	19.22M	26.565M	19.218M
5580MHz	Pass	Inf	25.08M	19.206M	26.455M	19.202M	26.015M	19.195M	25.575M	19.235M
5700MHz	Pass	Inf	21.615M	19.115M	21.615M	19.09M	21.67M	19.115M	21.67M	19.09M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.595M	14.673M	19.14M	14.684M	16.905M	14.657M	20.16M	14.673M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	5.342M	4.4M	6.134M	4.42M	5.364M	4.42M	5.779M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	48.51M	37.902M	42.46M	37.939M	43.78M	37.889M	42.57M	37.88M
5310MHz	Pass	Inf	47.41M	37.829M	52.47M	37.906M	43.56M	37.896M	43.34M	37.894M
5510MHz	Pass	Inf	49.83M	37.869M	43.89M	37.87M	42.9M	37.857M	47.85M	37.965M
5550MHz	Pass	Inf	46.53M	37.901M	42.9M	37.919M	42.9M	37.914M	42.46M	37.889M
5670MHz	Pass	Inf	43.78M	37.902M	42.79M	37.882M	43.23M	37.923M	43.78M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.4M	33.834M	36.68M	33.891M	36.575M	33.848M	38.15M	33.881M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	7.805M	3.88M	9.621M	3.86M	6.264M	3.86M	10.43M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	84.48M	77.355M	82.5M	77.309M	84.92M	77.453M	83.6M	77.387M
5530MHz	Pass	Inf	86.68M	77.361M	90.86M	77.461M	86.46M	77.461M	86.9M	77.461M
5610MHz	Pass	Inf	82.5M	77.357M	83.38M	77.433M	82.5M	77.366M	82.5M	77.422M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.4M	73.314M	76.275M	73.29M	76.65M	73.28M	77.175M	73.372M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	18.145M	3.88M	12.456M	3.76M	17.904M	3.76M	15.7M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.76M	77.481M	81.2M	77.401M	81.44M	77.401M	81.68M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.401M	82.08M	77.561M	81.76M	77.401M	81.2M	77.561M
5570MHz	Pass	Inf	164.12M	156.522M	164.12M	156.522M	165M	156.522M	164.56M	156.322M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	26.4M	19.223M	28.16M	19.234M	25.575M	19.193M	30.8M	19.202M
5300MHz	Pass	Inf	28.215M	19.186M	32.285M	19.24M	25.41M	19.158M	24.86M	19.214M

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)
5320MHz	Pass	Inf	24.585M	19.186M	27.72M	19.242M	25.96M	19.21M	28.71M	19.255M
5500MHz	Pass	Inf	29.15M	19.2M	23.65M	19.166M	26.015M	19.192M	26.785M	19.237M
5580MHz	Pass	Inf	23.87M	19.187M	23.375M	19.173M	23.375M	19.184M	27.555M	19.232M
5700MHz	Pass	Inf	21.45M	19.115M	21.45M	19.065M	21.34M	19.14M	21.615M	19.09M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.28M	14.659M	20.94M	14.704M	23.385M	14.656M	17.73M	14.692M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	5.091M	4.4M	6.301M	4.4M	5.092M	4.42M	5.675M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	44.33M	37.898M	50.16M	37.91M	46.75M	37.895M	49.83M	37.898M
5310MHz	Pass	Inf	43.45M	37.897M	56.21M	37.963M	44M	37.885M	51.26M	37.882M
5510MHz	Pass	Inf	47.3M	37.894M	51.04M	37.866M	44.55M	37.886M	49.17M	37.925M
5550MHz	Pass	Inf	44.11M	37.904M	43.89M	37.931M	43.78M	37.934M	53.57M	37.914M
5670MHz	Pass	Inf	43.23M	37.924M	44M	37.884M	46.97M	37.932M	59.95M	37.881M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.925M	33.848M	35.875M	33.844M	42.35M	33.852M	36.225M	33.877M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	8.47M	3.9M	9.911M	3.84M	6.501M	3.82M	10.735M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	86.68M	77.461M	84.7M	77.461M	85.14M	77.461M	85.8M	77.561M
5530MHz	Pass	Inf	87.56M	77.361M	88.22M	77.461M	86.02M	77.561M	88M	77.461M
5610MHz	Pass	Inf	82.28M	77.394M	99M	77.319M	86.02M	77.337M	82.5M	77.484M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.575M	73.307M	76.5M	73.31M	76.425M	73.263M	76.575M	73.447M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	18.151M	3.78M	10.659M	3.74M	17.555M	3.76M	15.496M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.401M	81.12M	77.481M	81.28M	77.401M	81.68M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.52M	77.481M	81.44M	77.401M	81.36M	77.321M	81.6M	77.401M
5570MHz	Pass	Inf	165.44M	156.322M	165.44M	156.322M	164.12M	156.522M	165M	156.322M

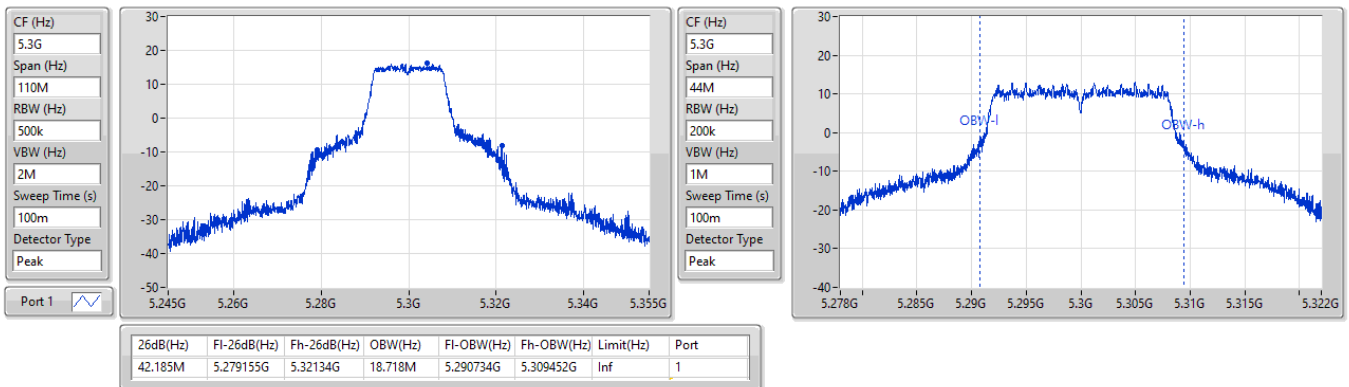
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

05/09/2025

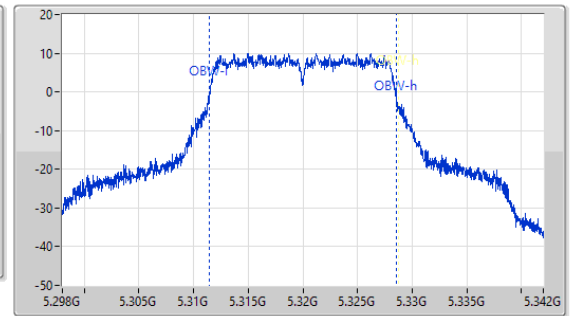
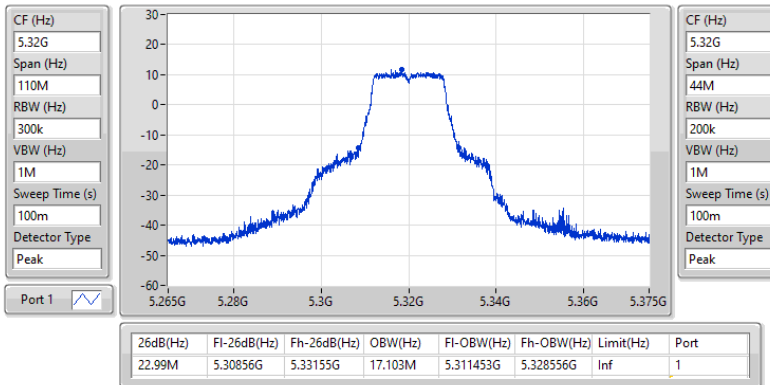

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

05/09/2025

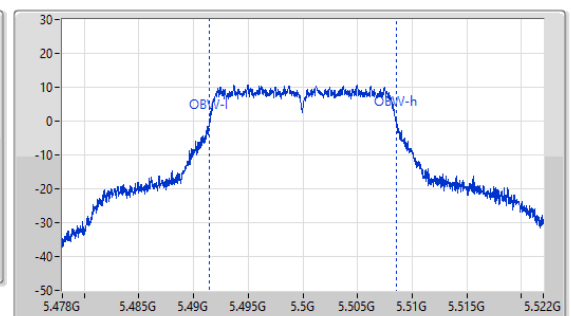
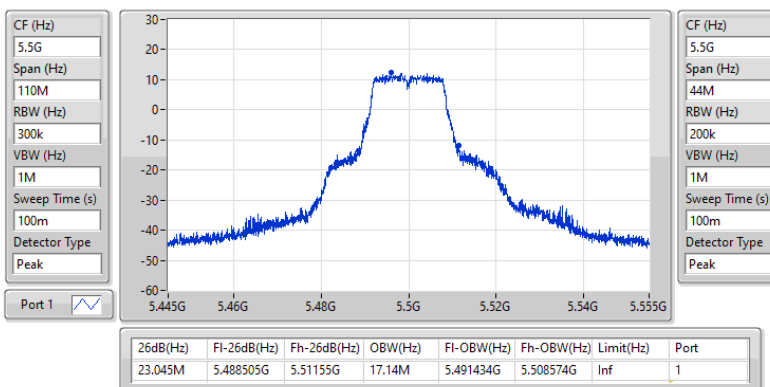


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

05/09/2025

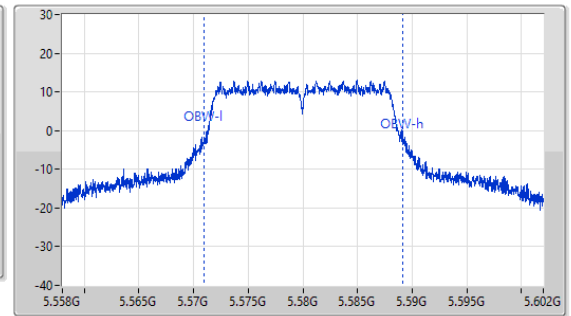
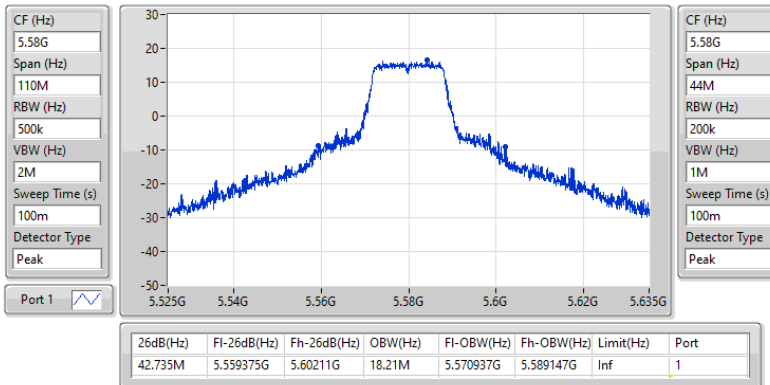

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

05/09/2025

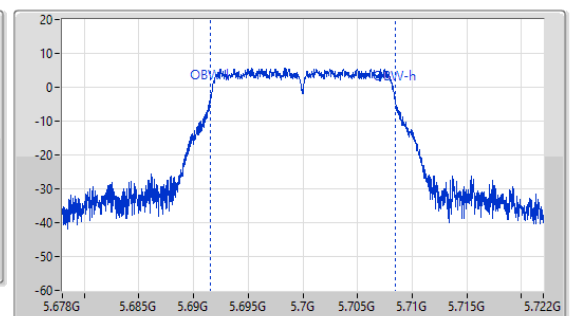
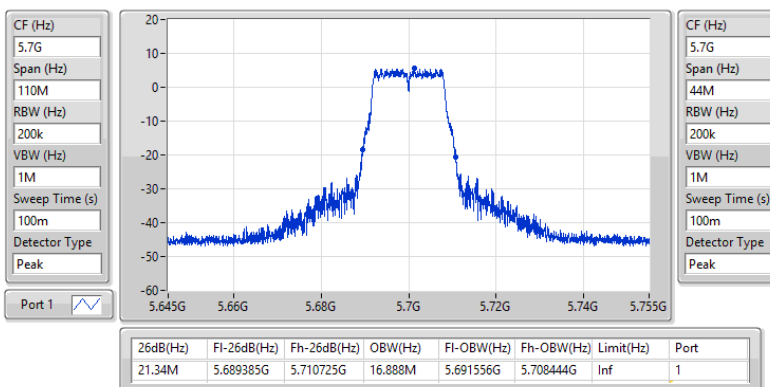


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

05/09/2025

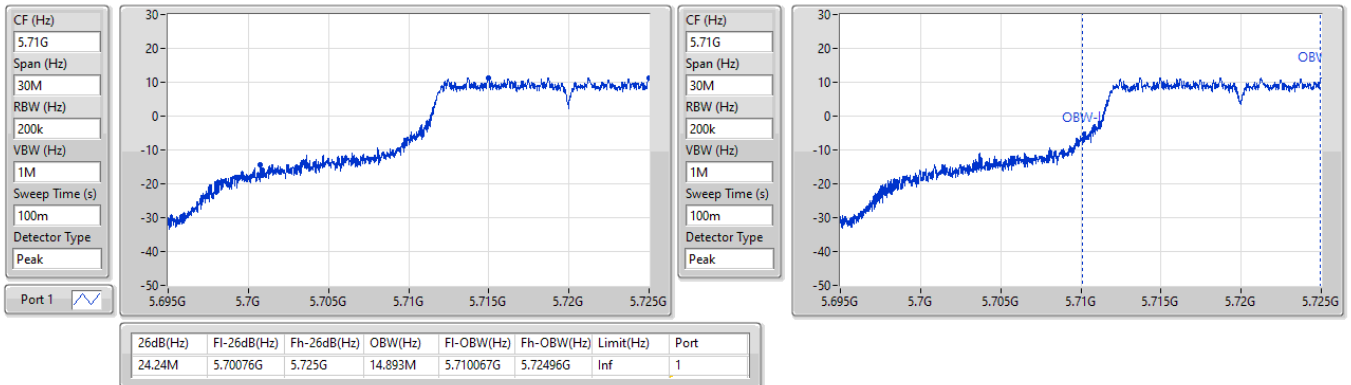

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

23/09/2025

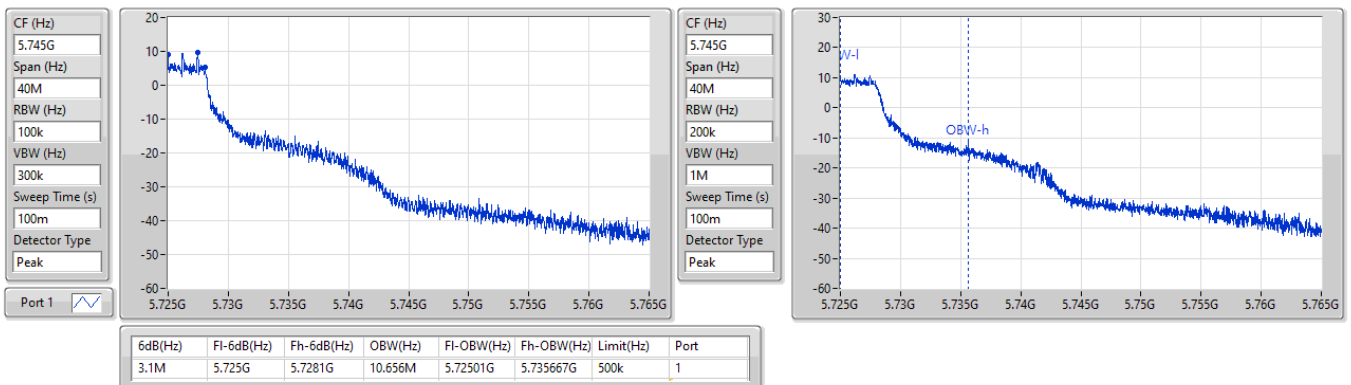


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/09/2025

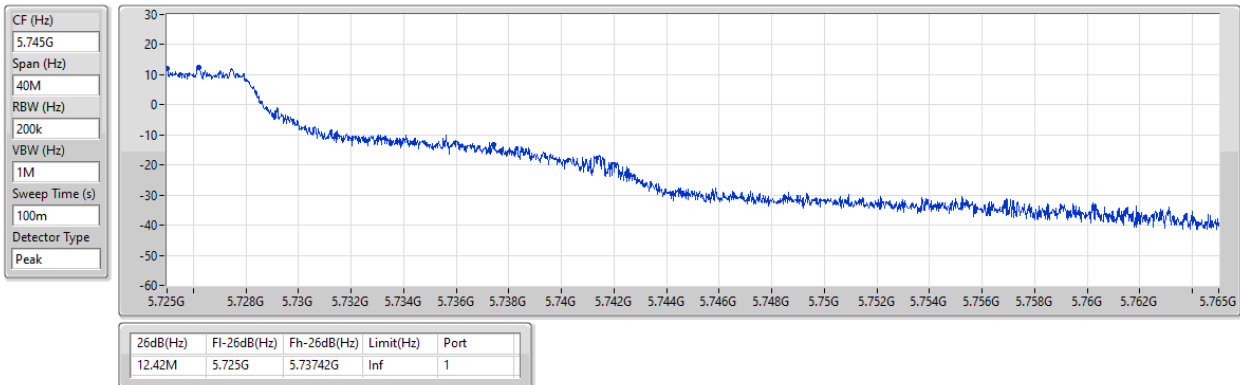

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EBW
5720MHz Straddle 5.725-5.85GHz

05/09/2025

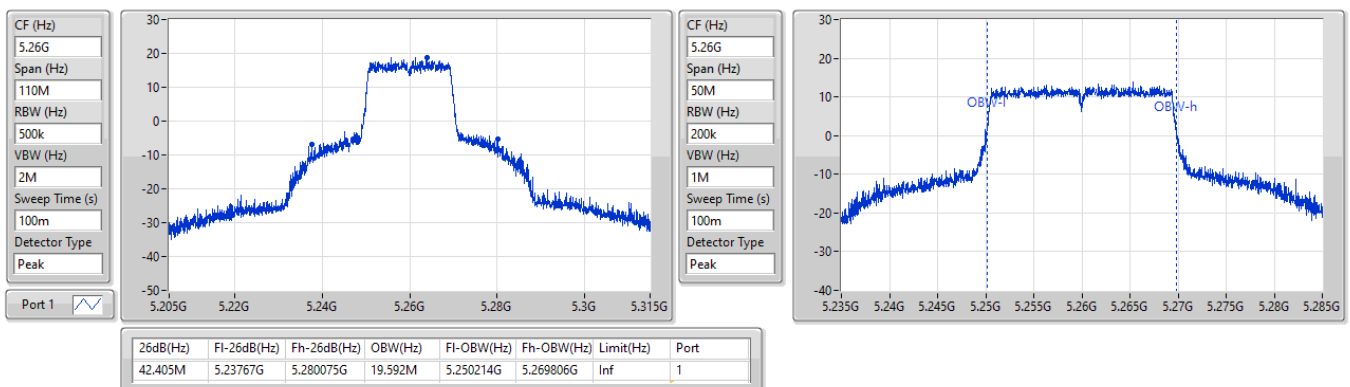


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/09/2025

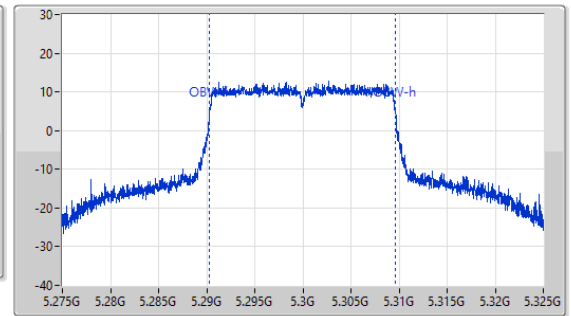
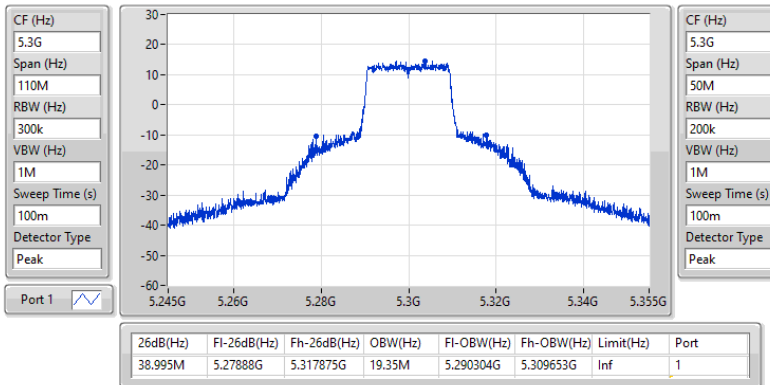

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

05/09/2025

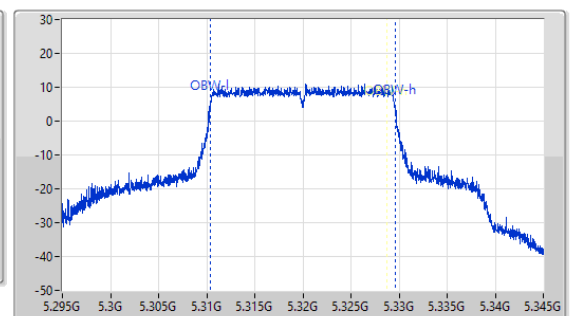
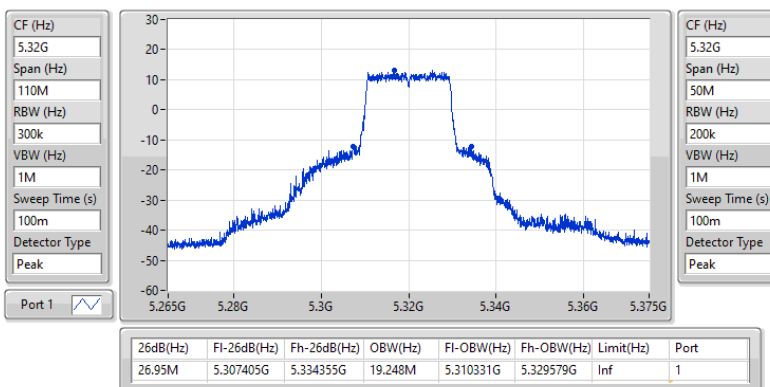


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

05/09/2025


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

05/09/2025

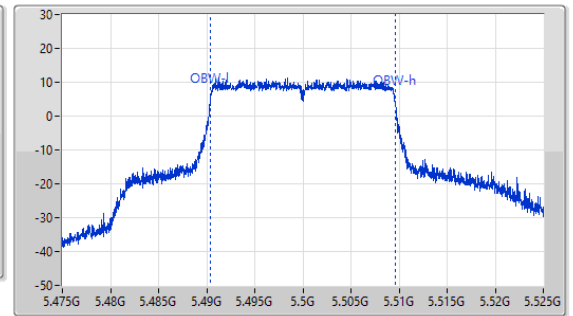
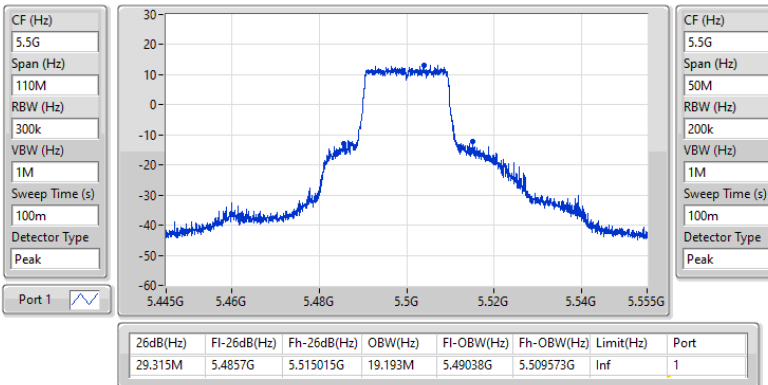


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

05/09/2025

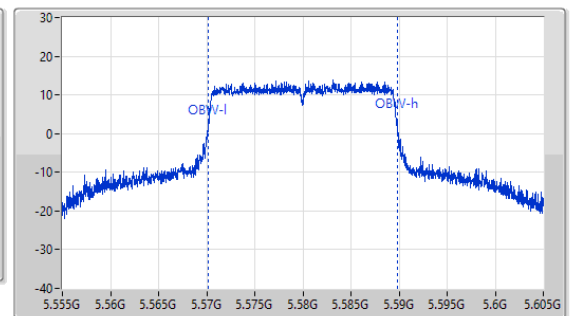
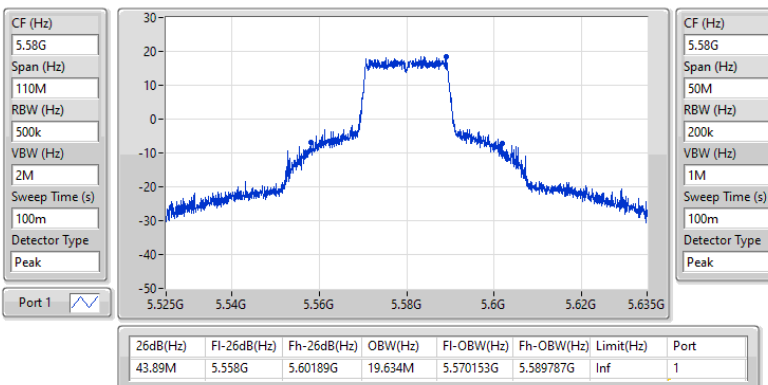


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

05/09/2025

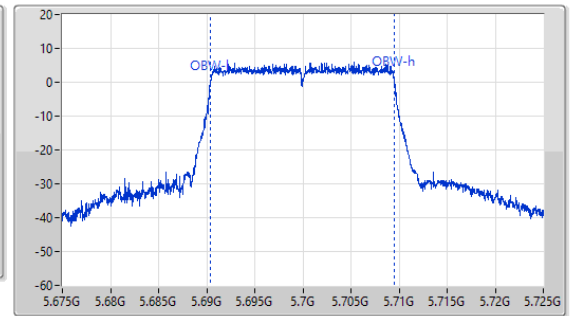
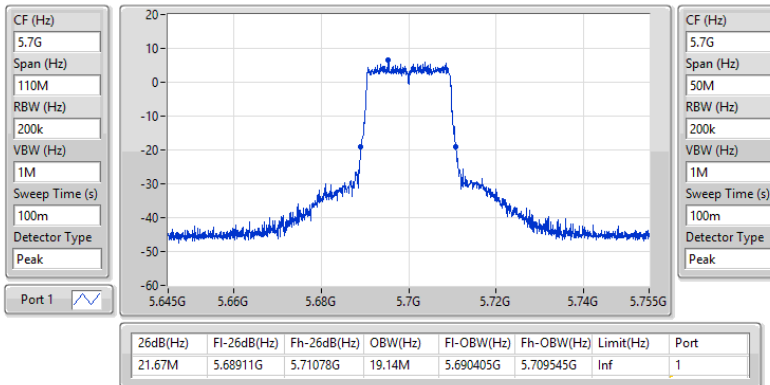


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5700MHz

23/09/2025

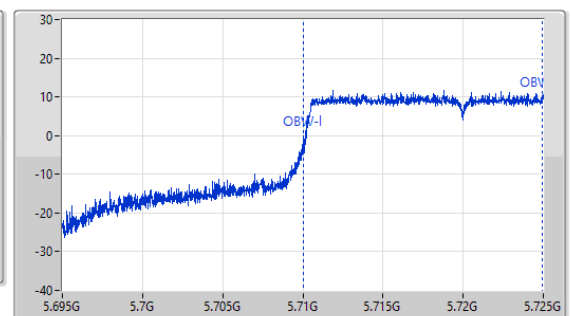
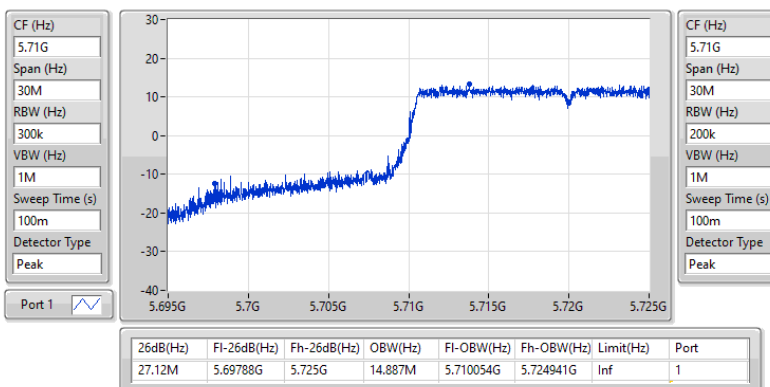


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

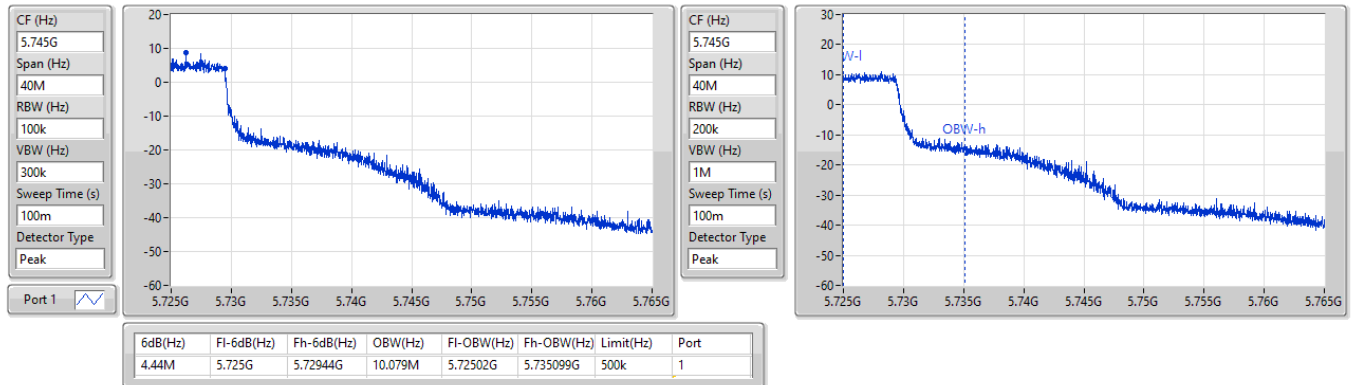
5720MHz Straddle 5.47-5.725GHz

05/09/2025

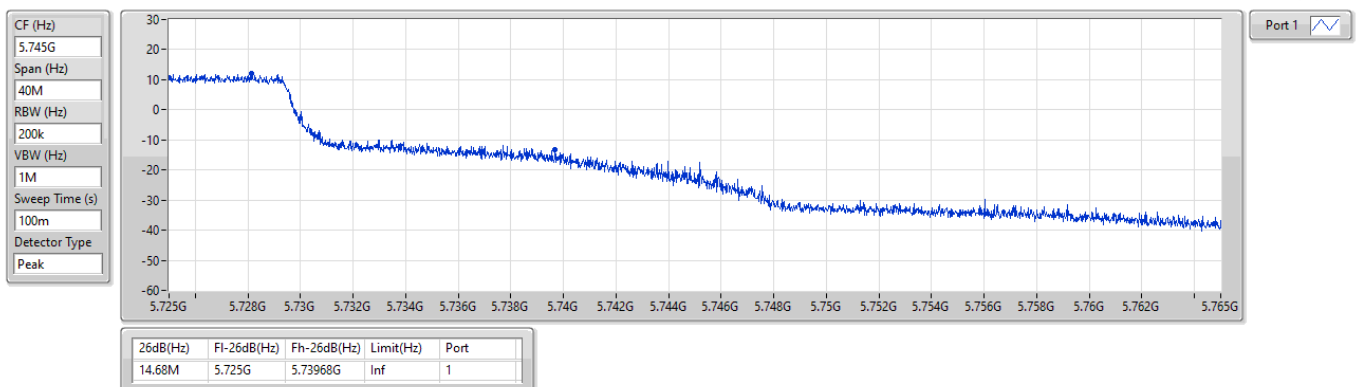


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/09/2025


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/09/2025

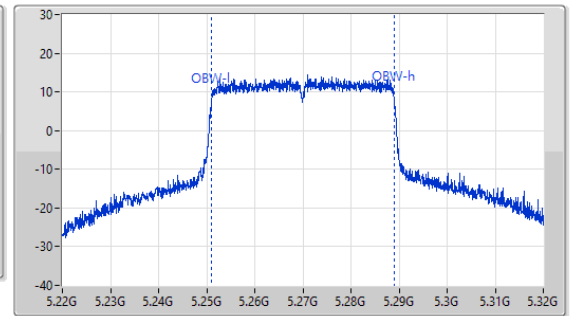
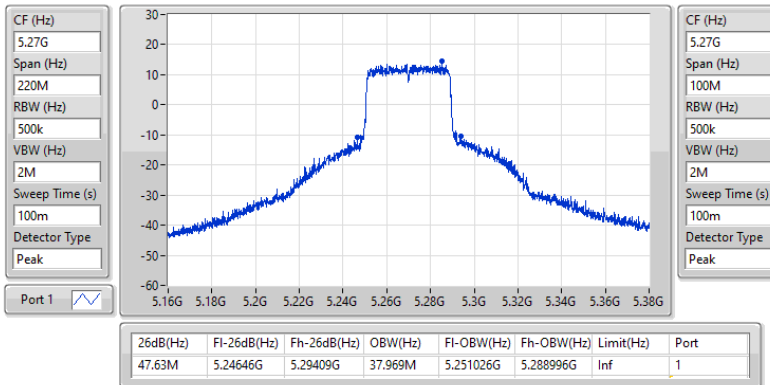


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

05/09/2025

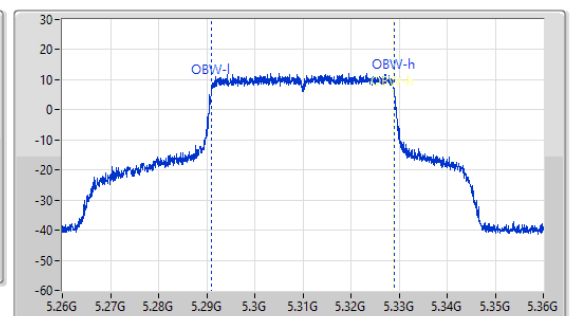
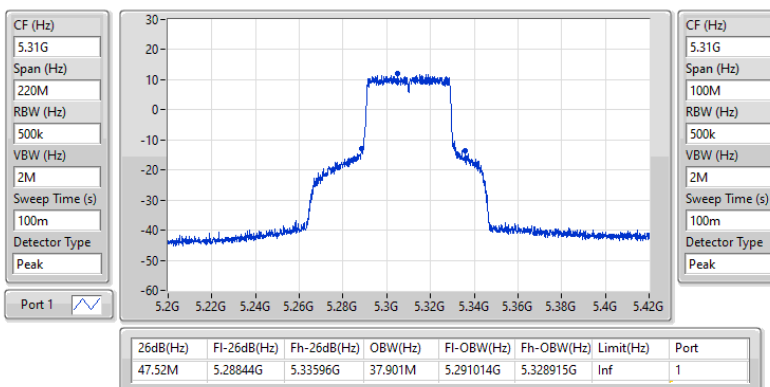


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

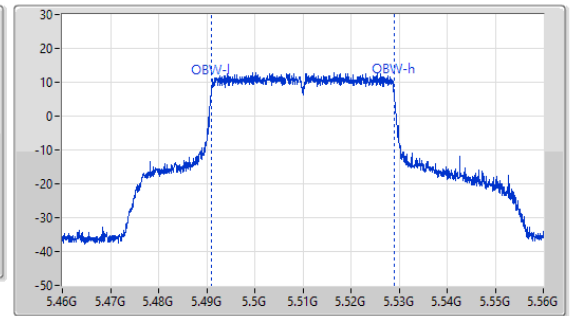
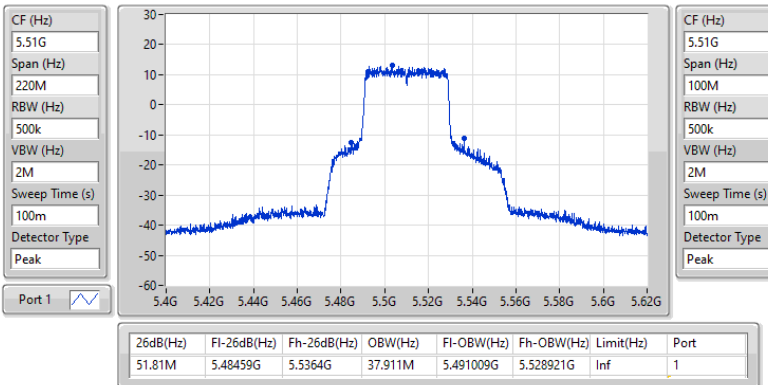
5310MHz

05/09/2025

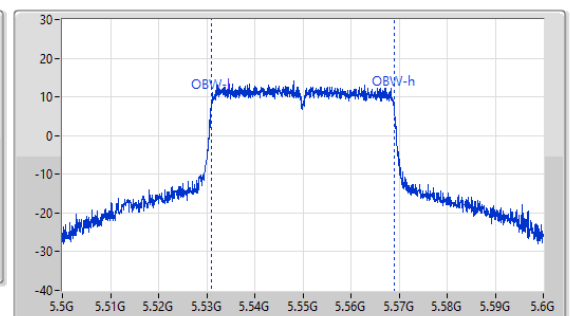
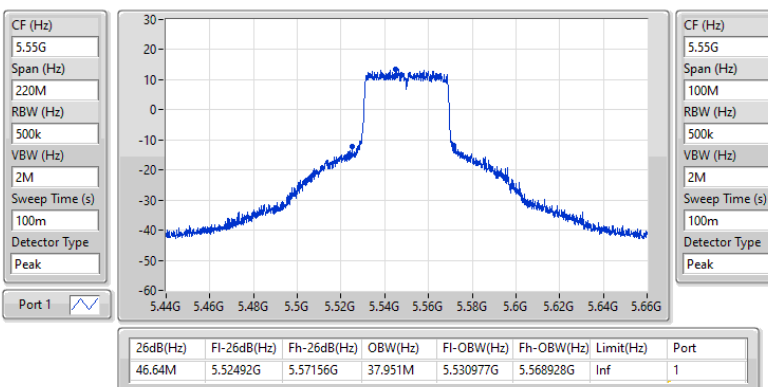


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

05/09/2025


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

05/09/2025

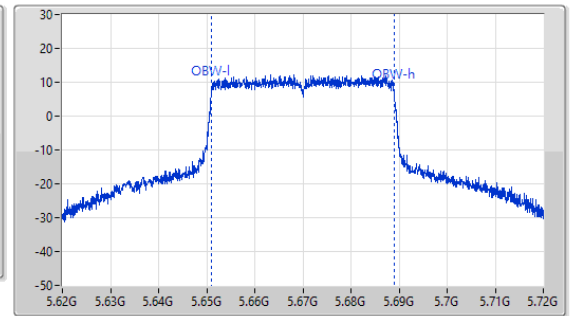
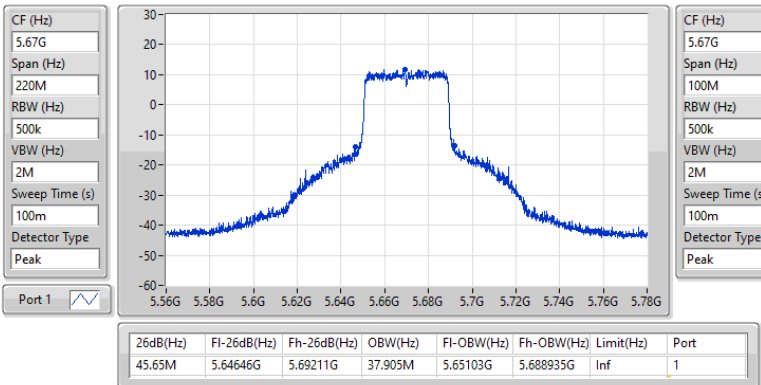


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5670MHz

05/09/2025

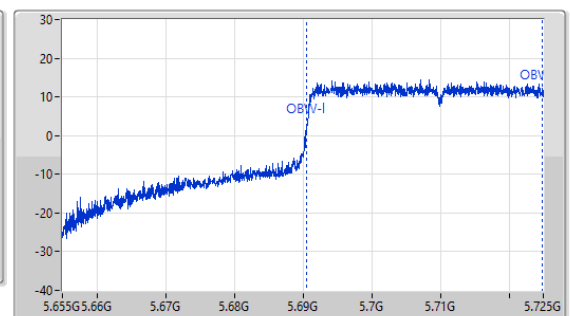
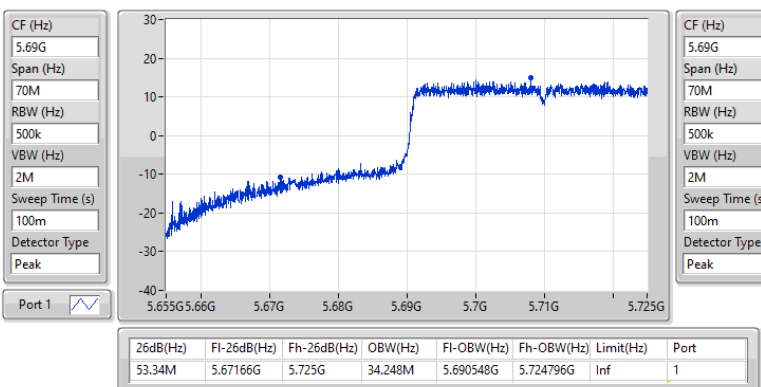


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

05/09/2025

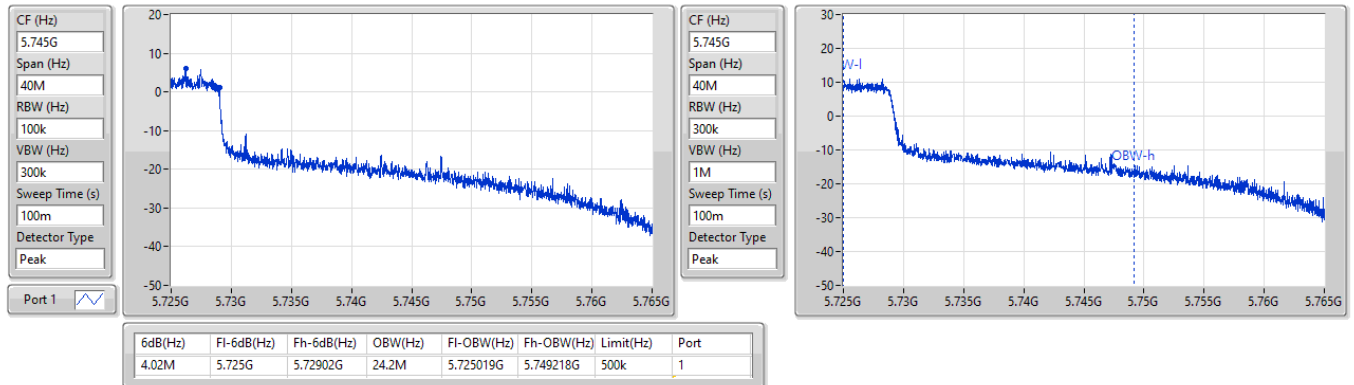


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

05/09/2025

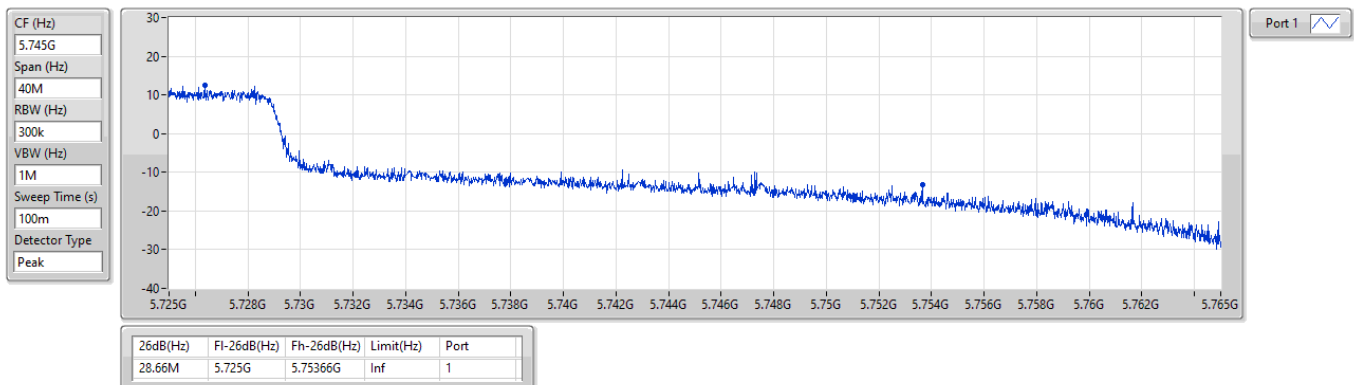


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

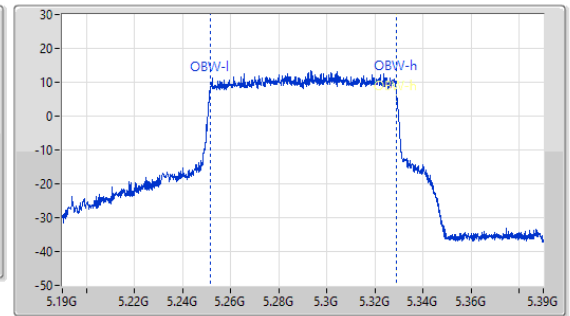
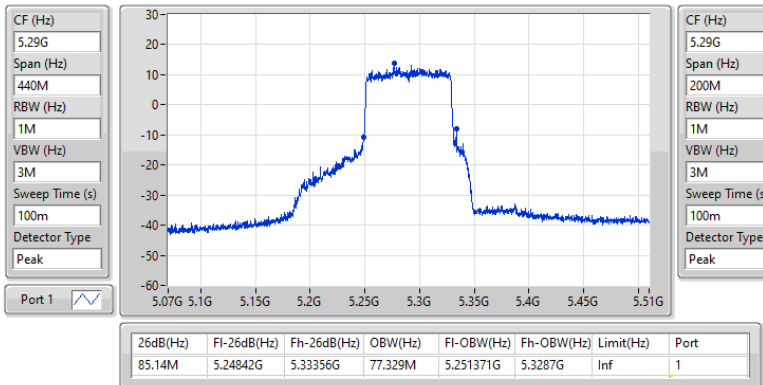
5710MHz Straddle 5.725-5.85GHz

05/09/2025

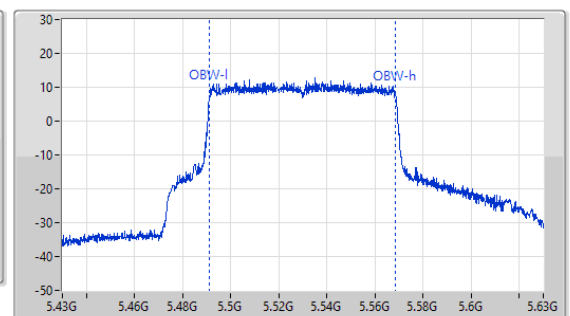
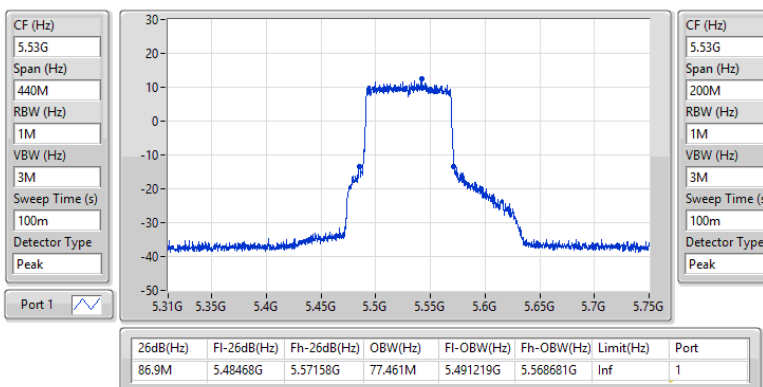


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

05/09/2025

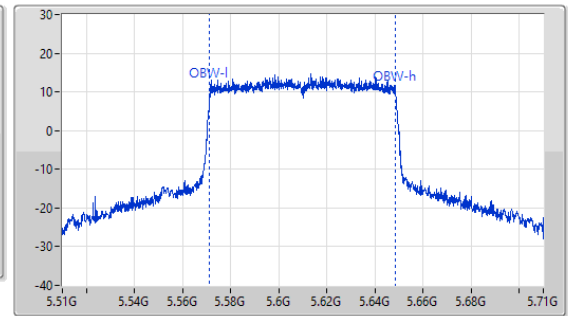
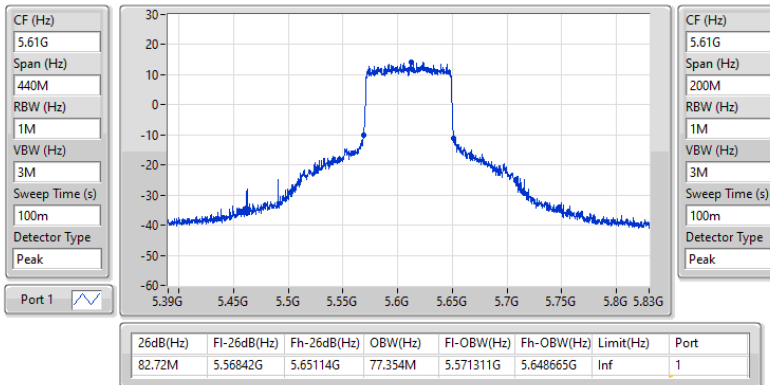

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

23/09/2025

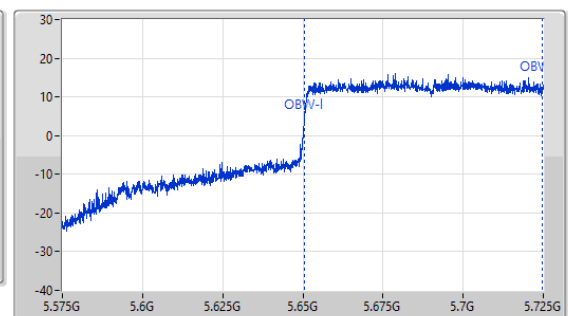
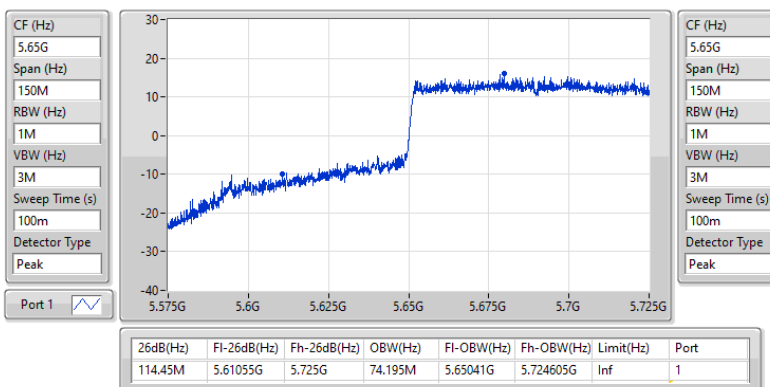


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

05/09/2025

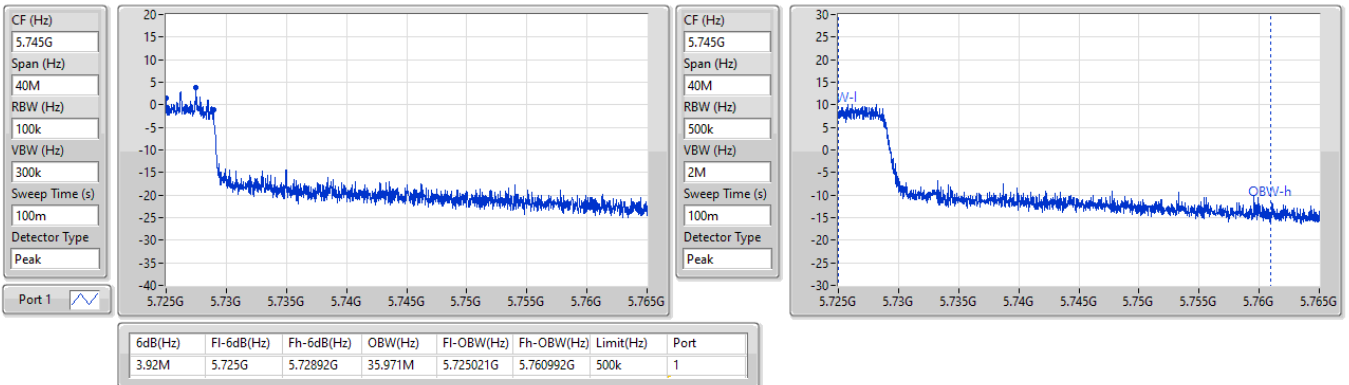

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/09/2025

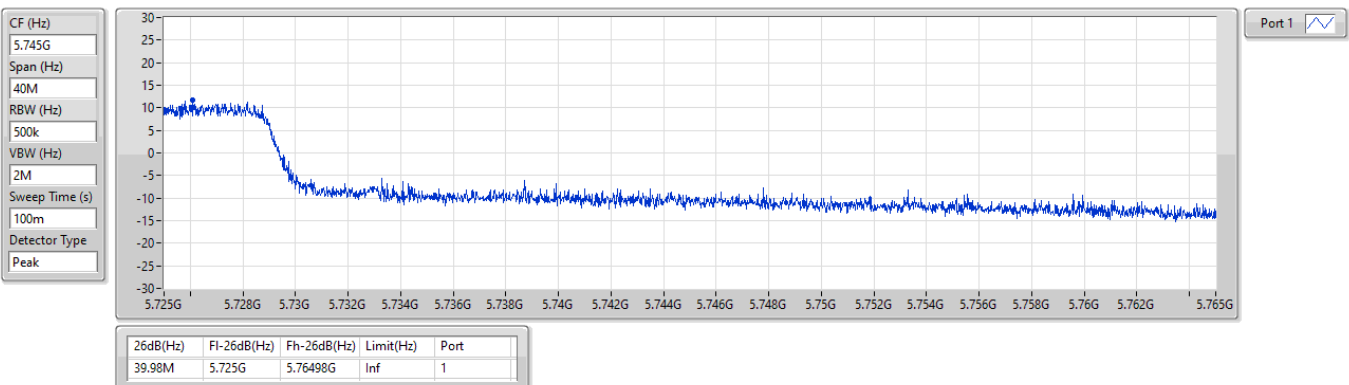


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/09/2025

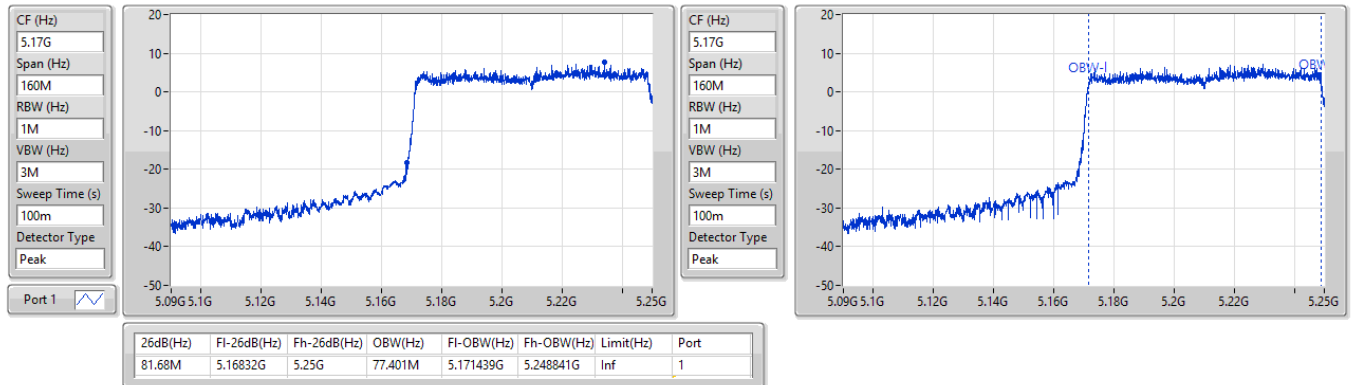

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/09/2025

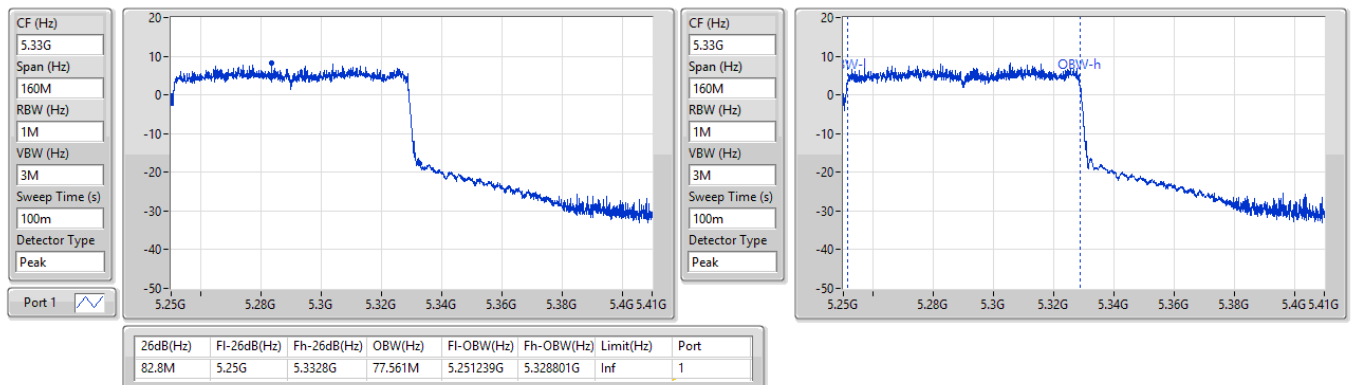


5.15-5.25GHz 802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

23/09/2025

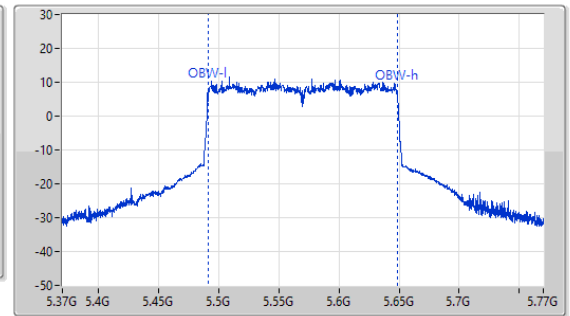
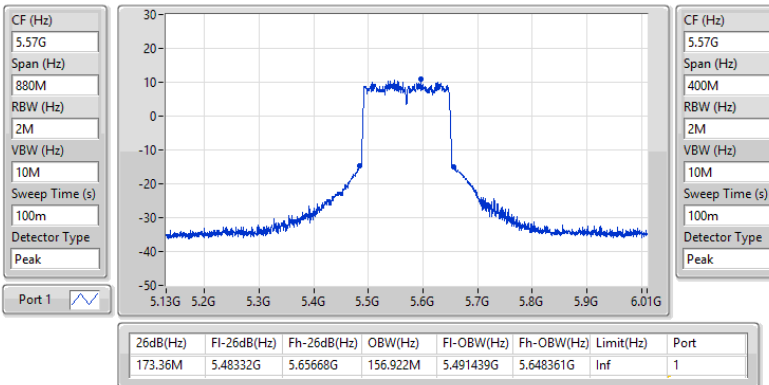

5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/09/2025

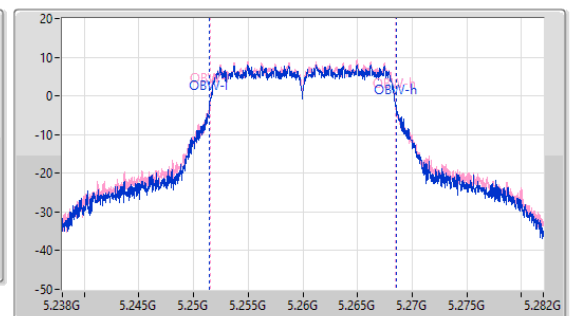
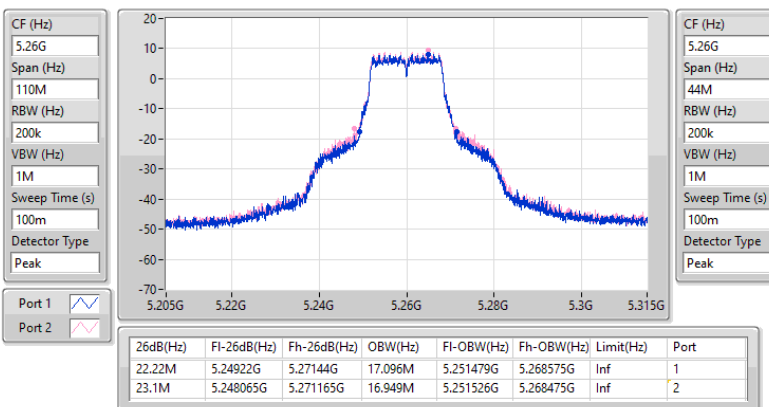


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5570MHz

23/09/2025


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

05/09/2025

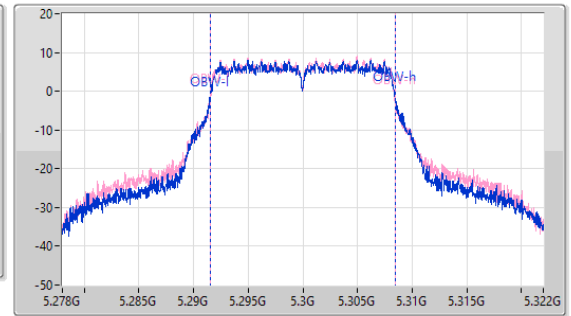
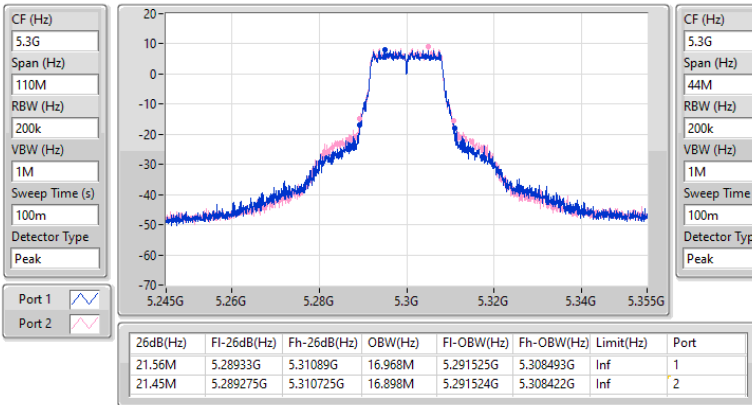


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

05/09/2025

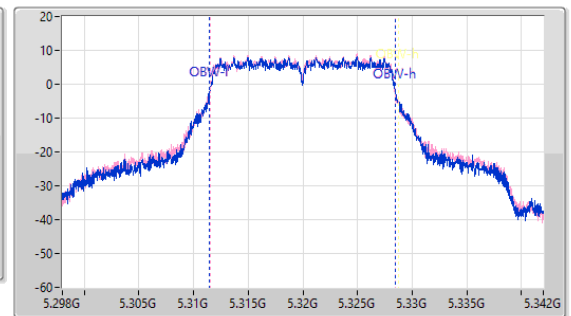
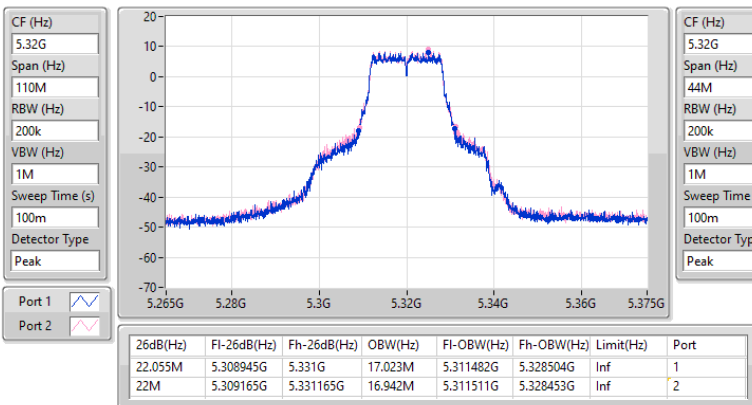


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

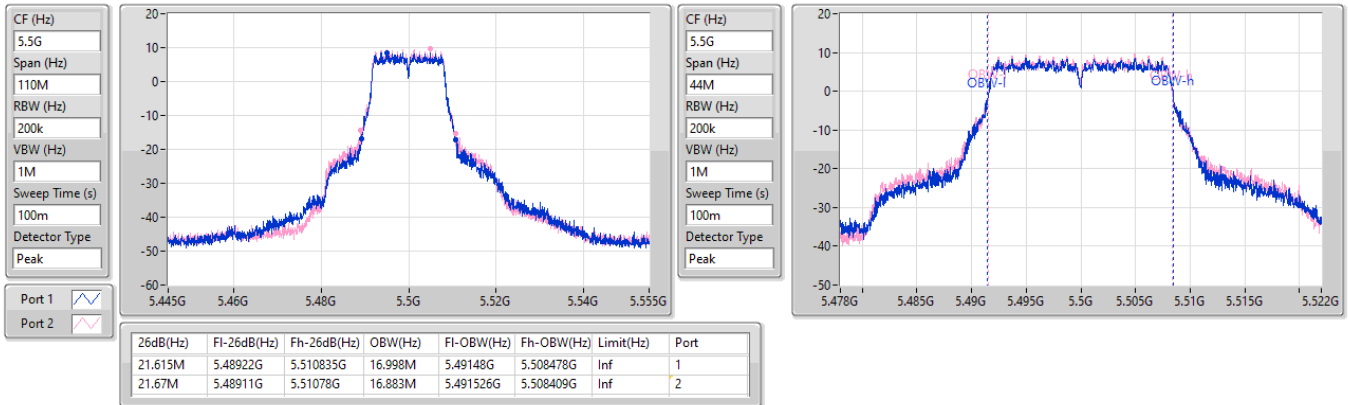
5320MHz

05/09/2025

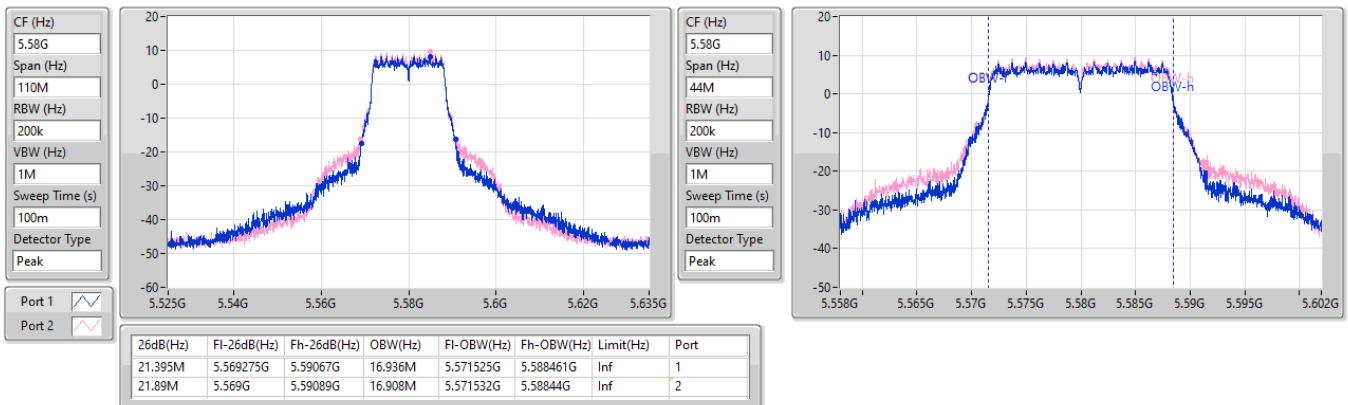


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

05/09/2025

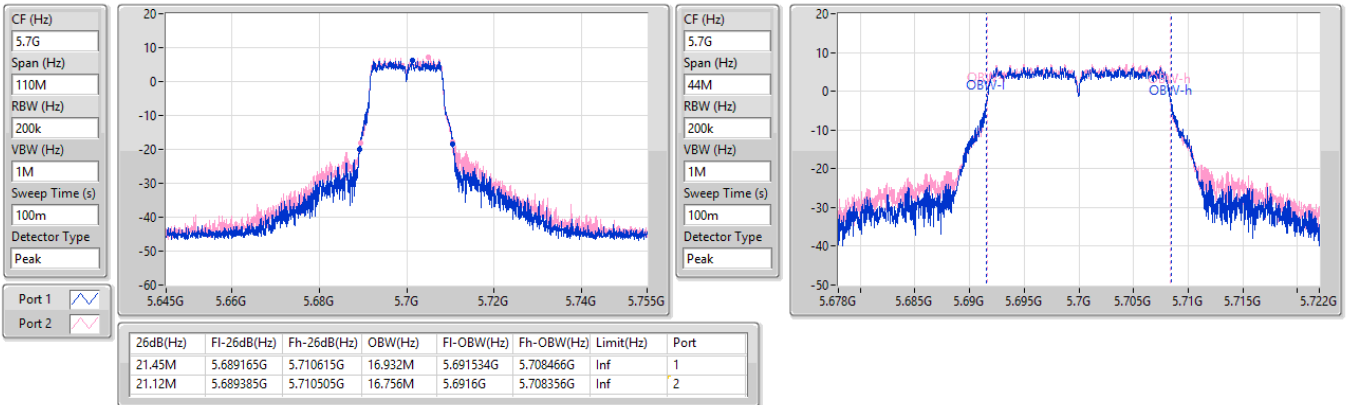

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

05/09/2025

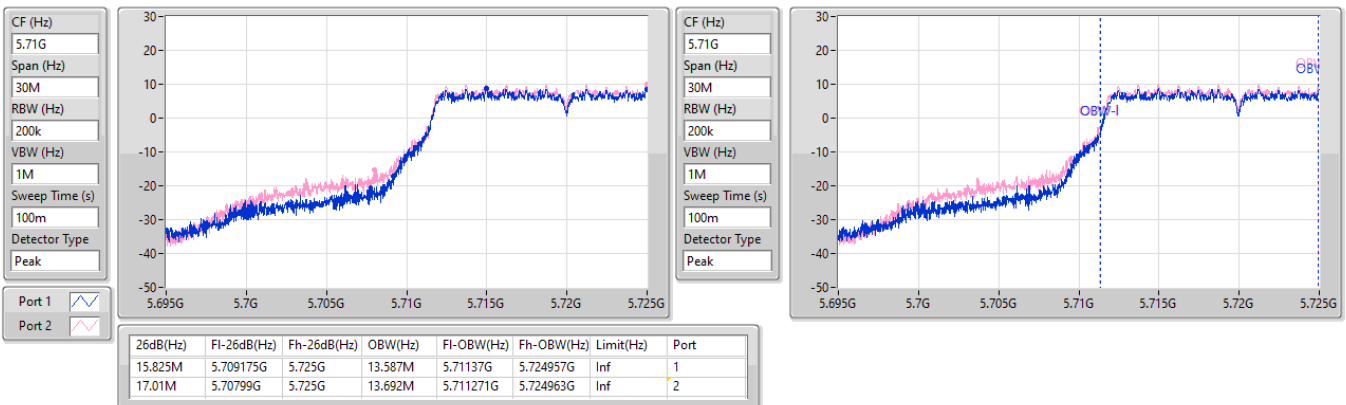


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

23/09/2025


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/09/2025

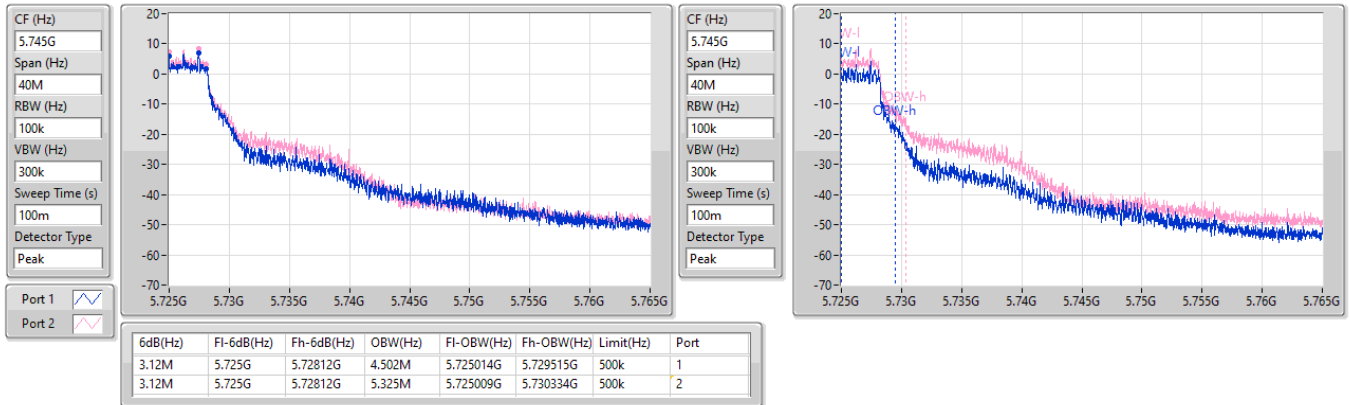


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/09/2025

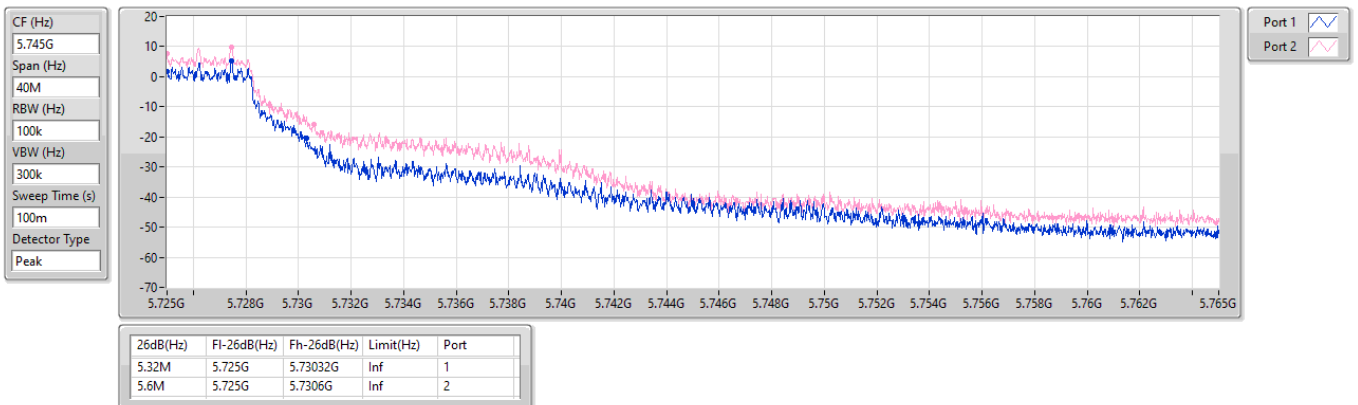


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/09/2025

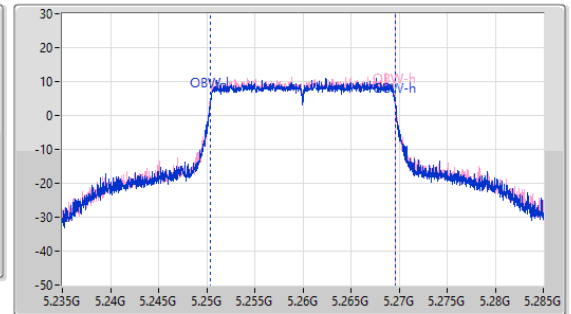
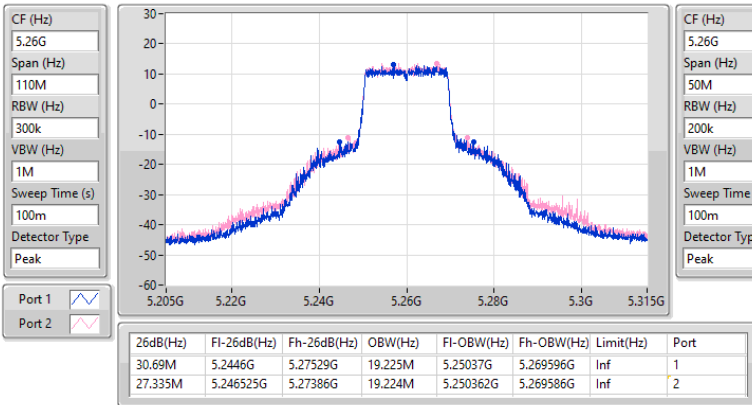


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

05/09/2025

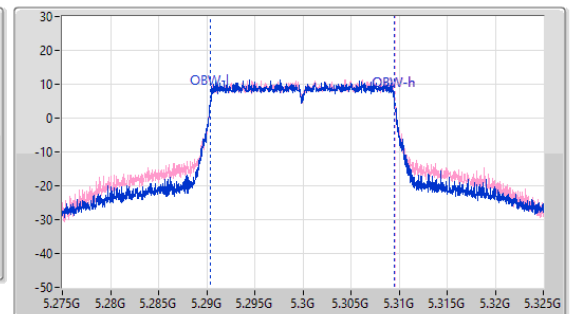
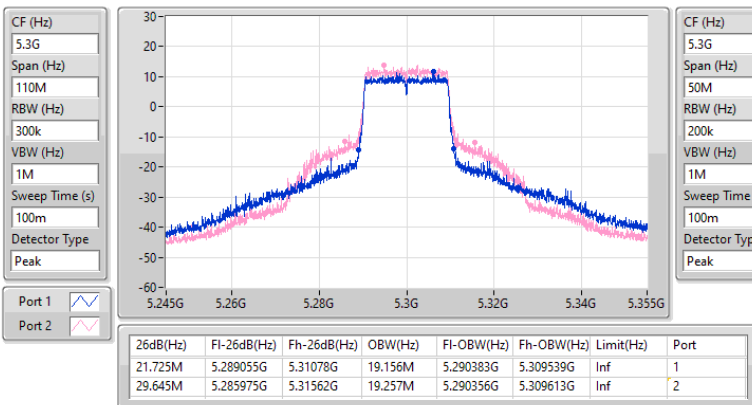


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

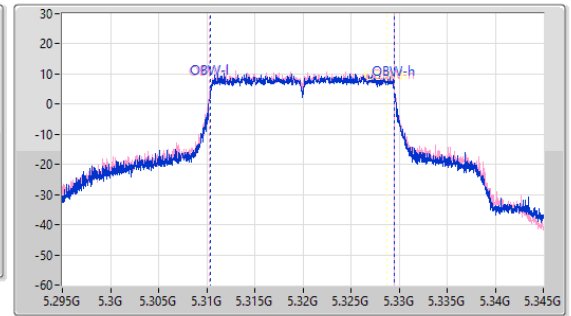
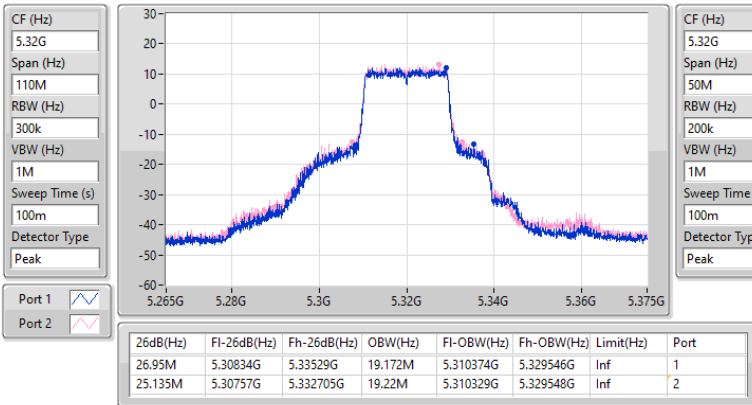
5300MHz

05/09/2025

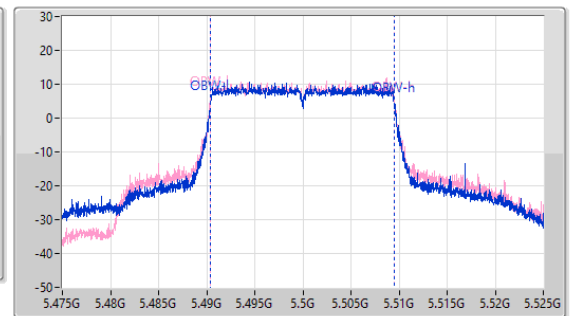
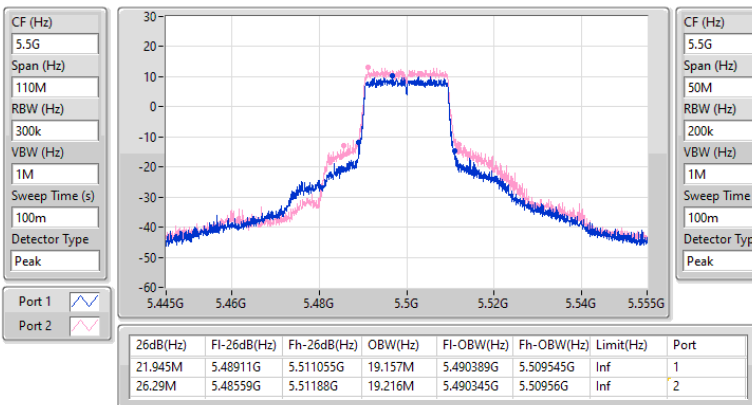


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

05/09/2025

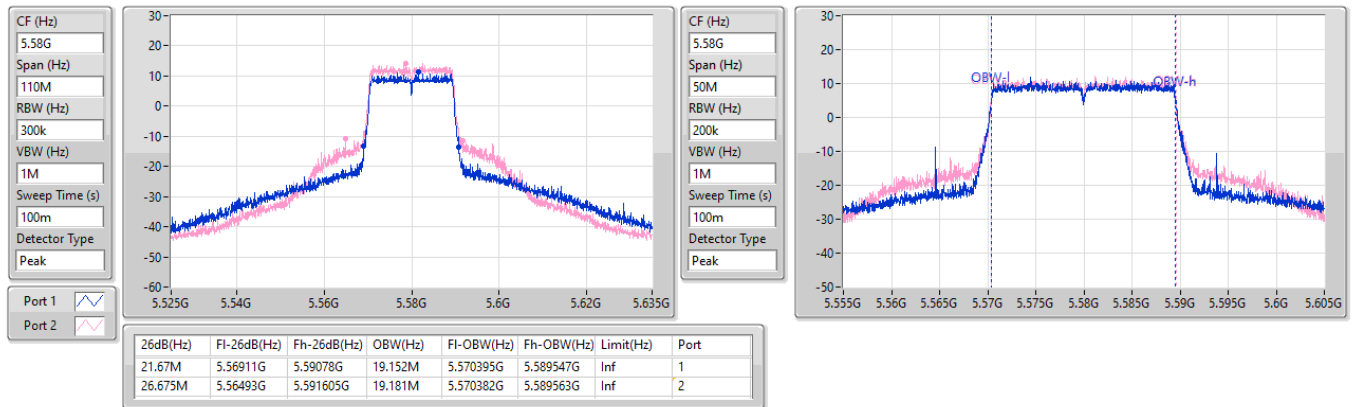

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5500MHz

05/09/2025

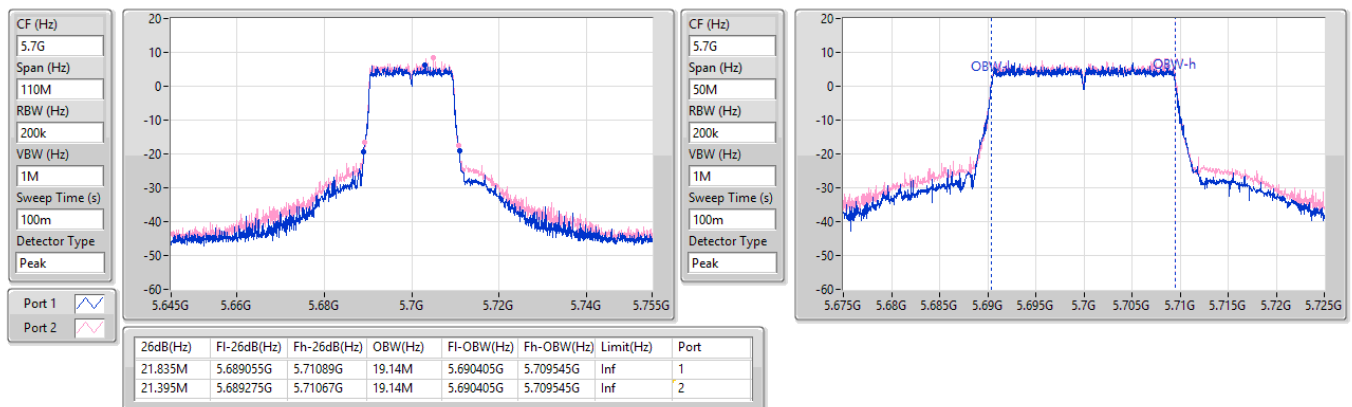


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5580MHz

05/09/2025


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5700MHz

23/09/2025

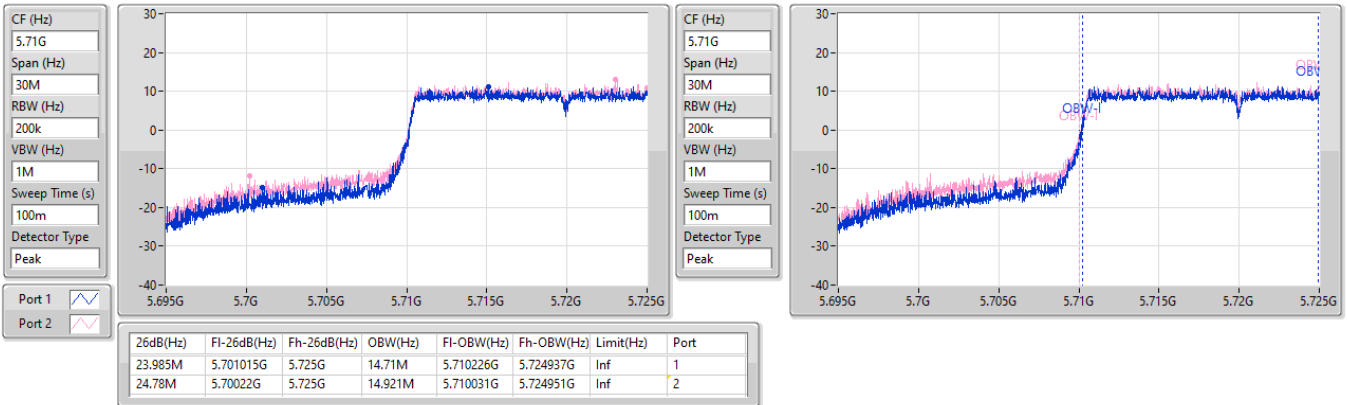


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

05/09/2025

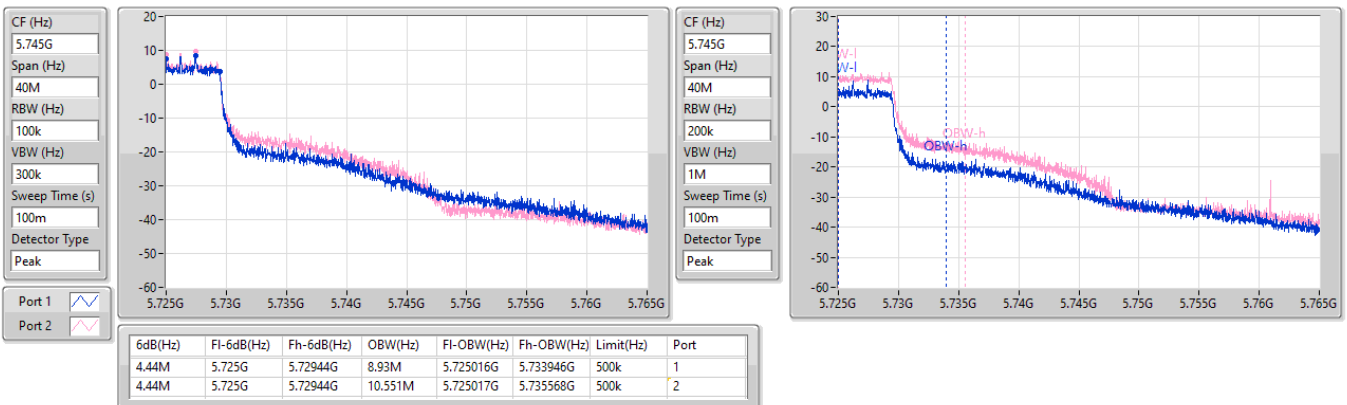


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

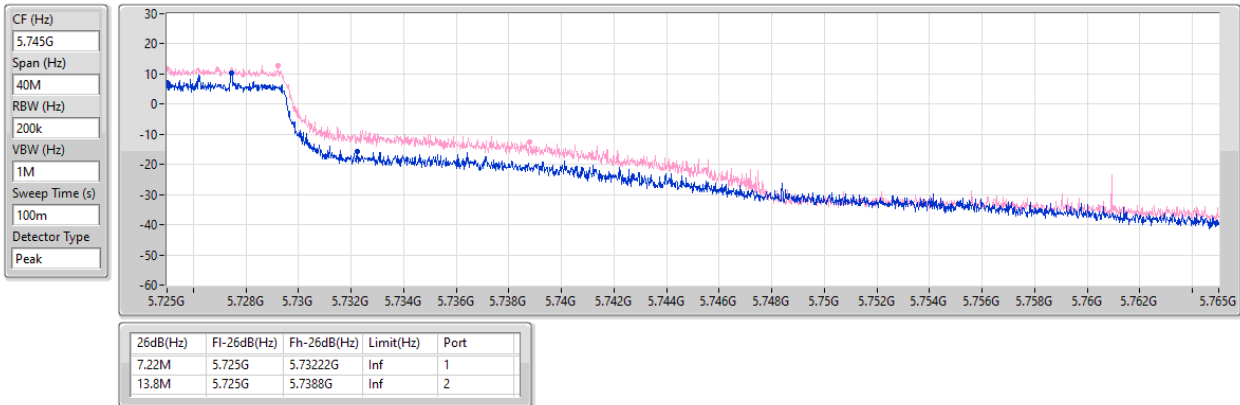
5720MHz Straddle 5.725-5.85GHz

05/09/2025

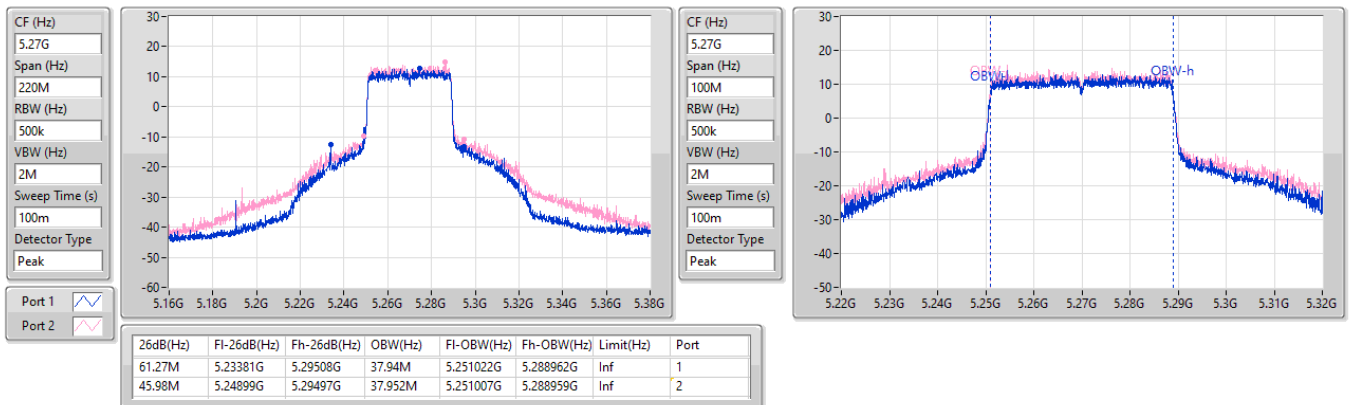


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/09/2025

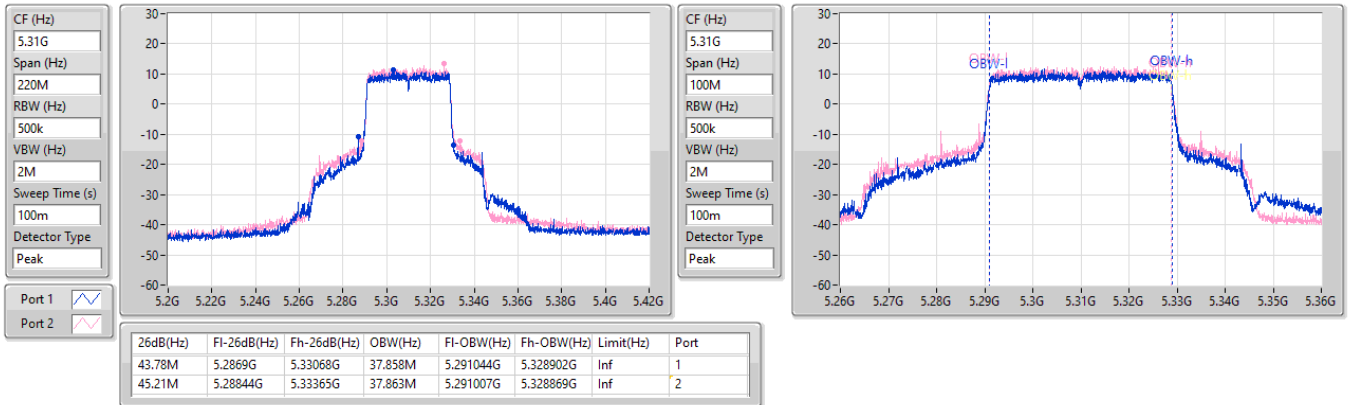

5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5270MHz

05/09/2025

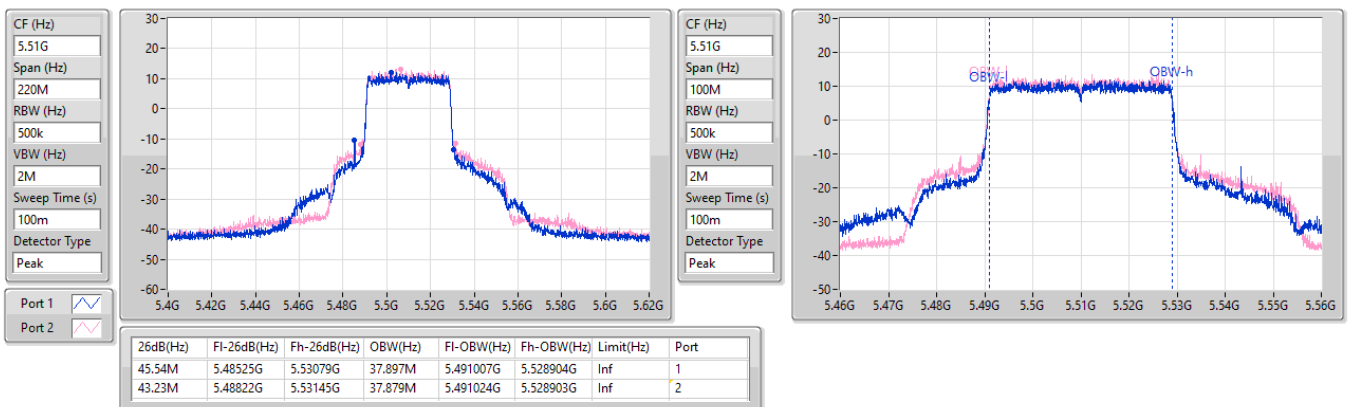


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5310MHz

05/09/2025


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5510MHz

05/09/2025

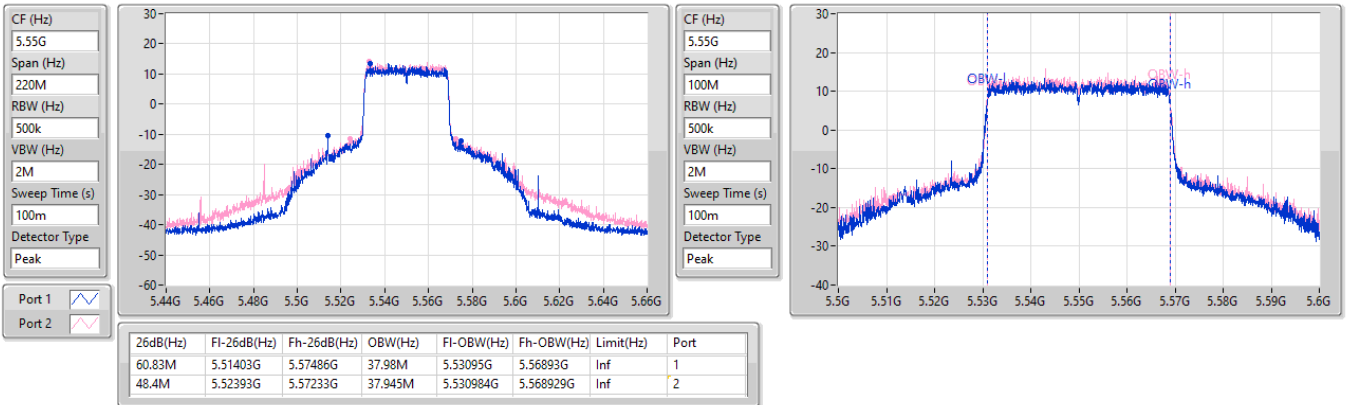


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5550MHz

05/09/2025

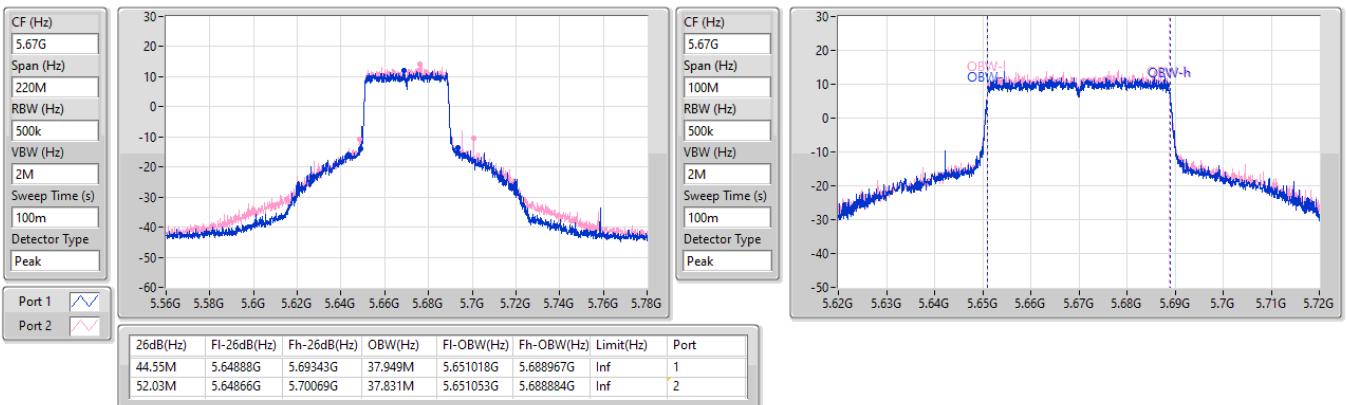


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

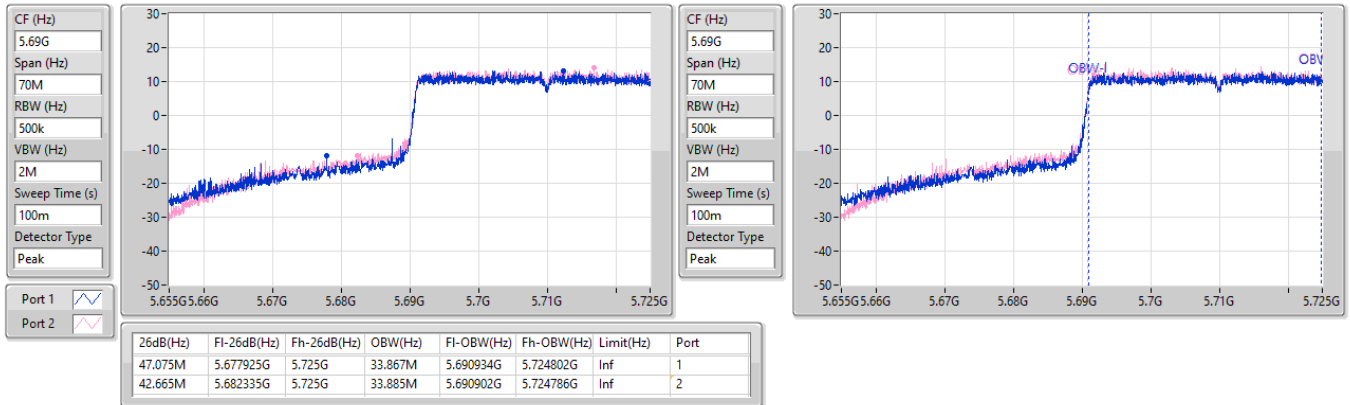
5670MHz

05/09/2025

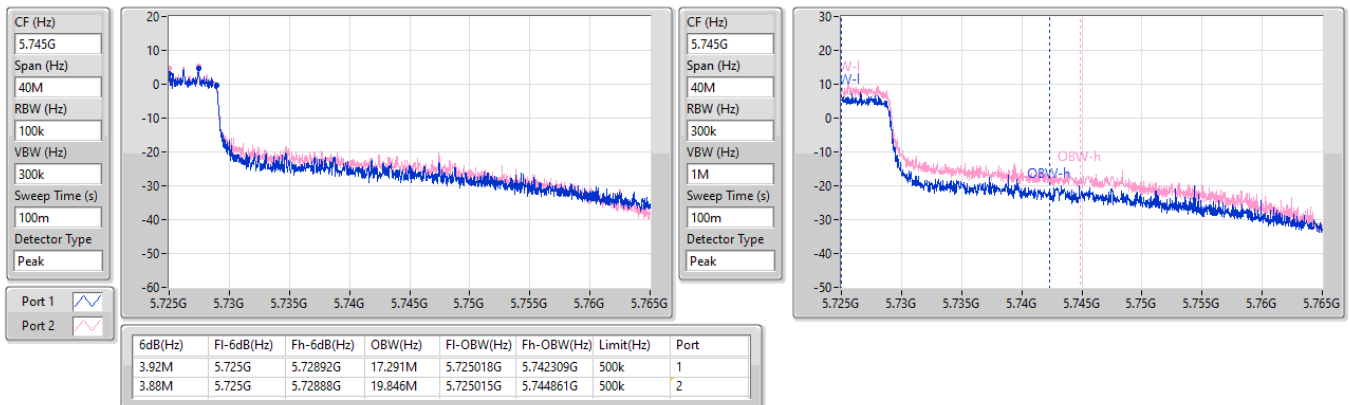


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/09/2025

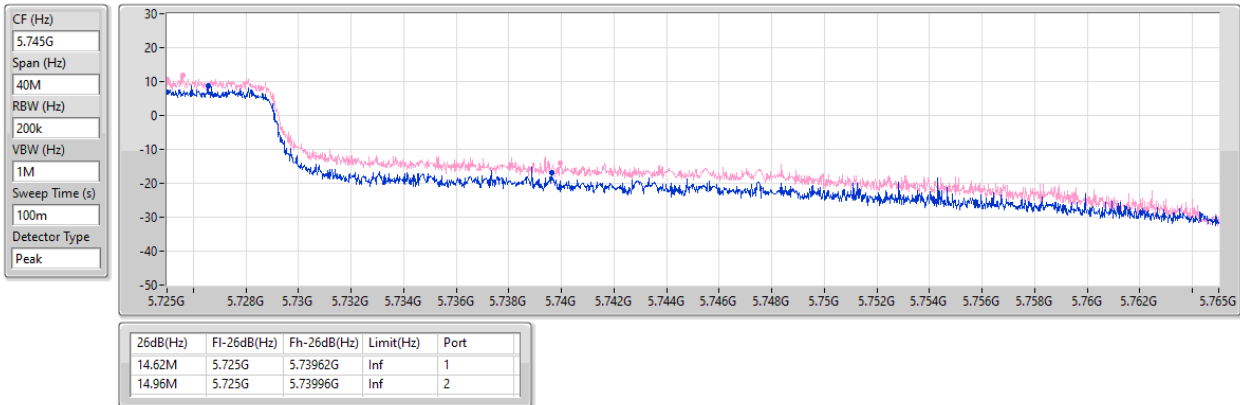

5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/09/2025

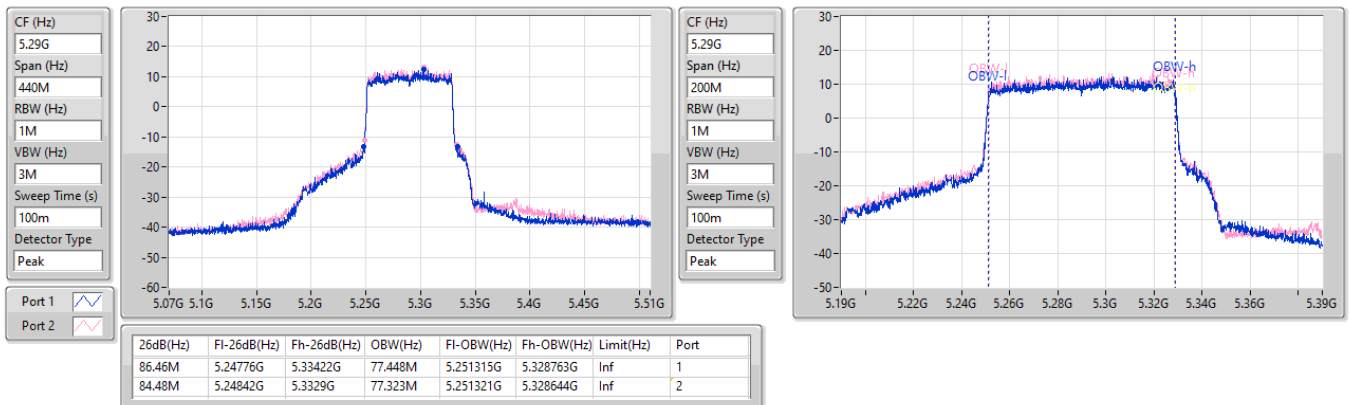


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/09/2025

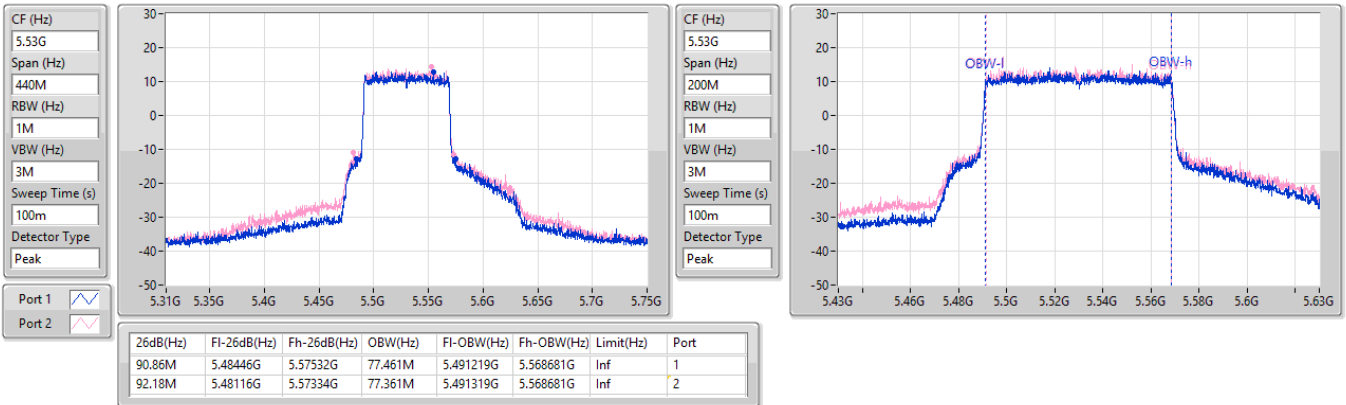

5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

05/09/2025

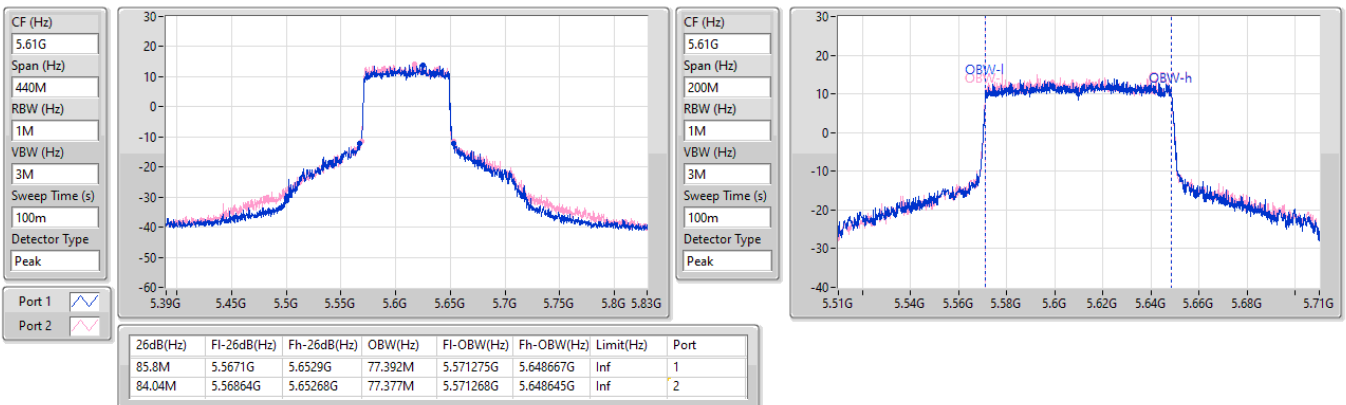


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5530MHz

23/09/2025


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5610MHz

05/09/2025

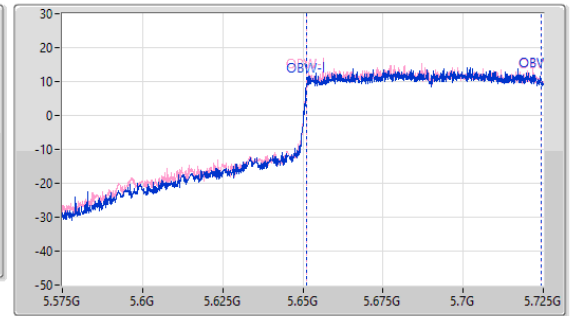
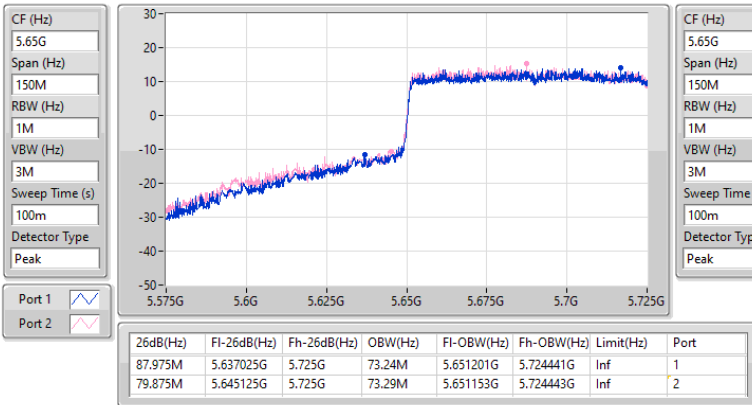


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

05/09/2025

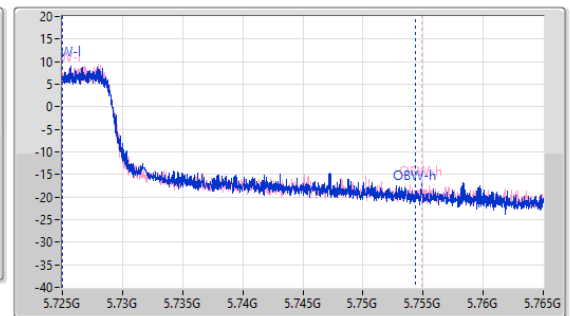
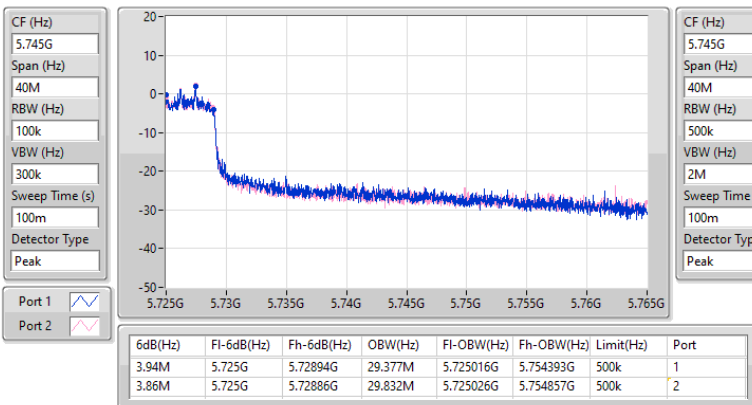


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

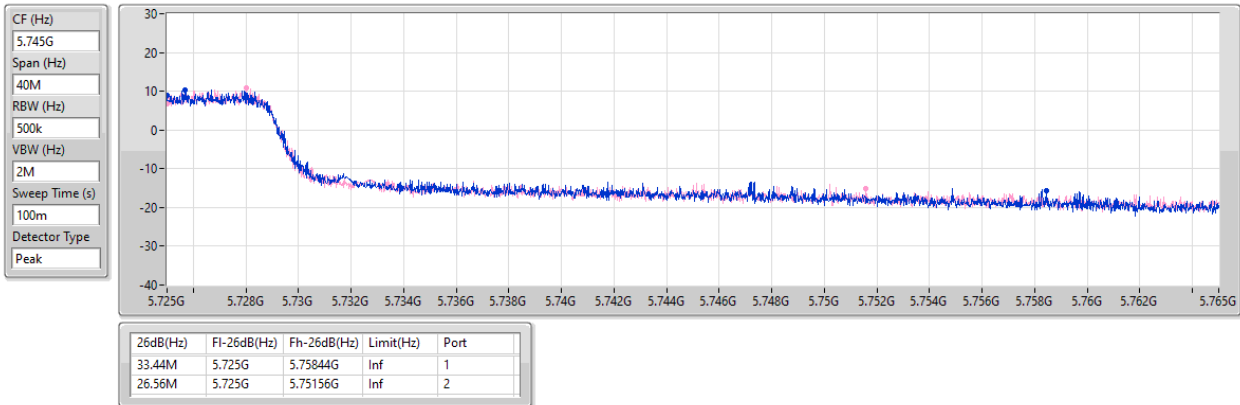
5690MHz Straddle 5.725-5.85GHz

05/09/2025

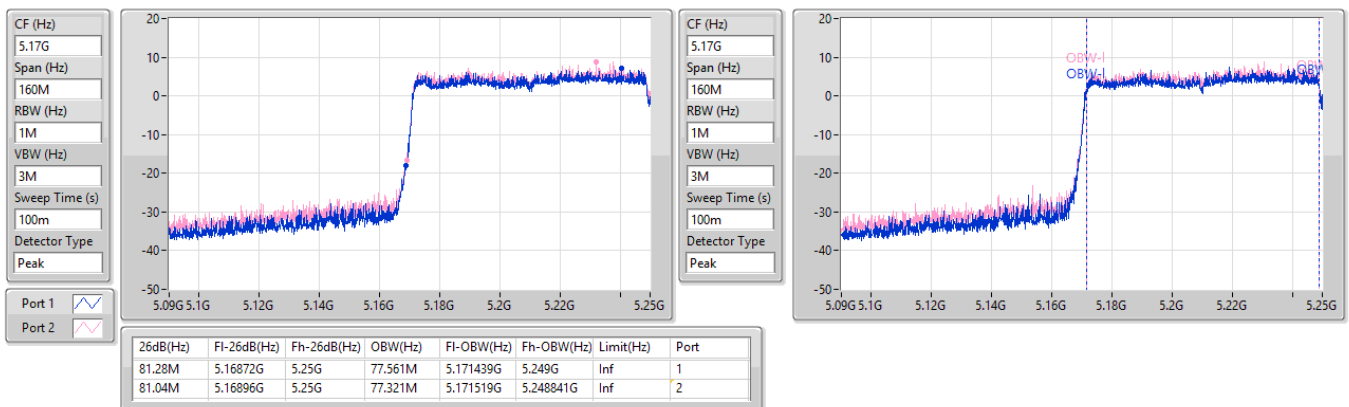


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/09/2025

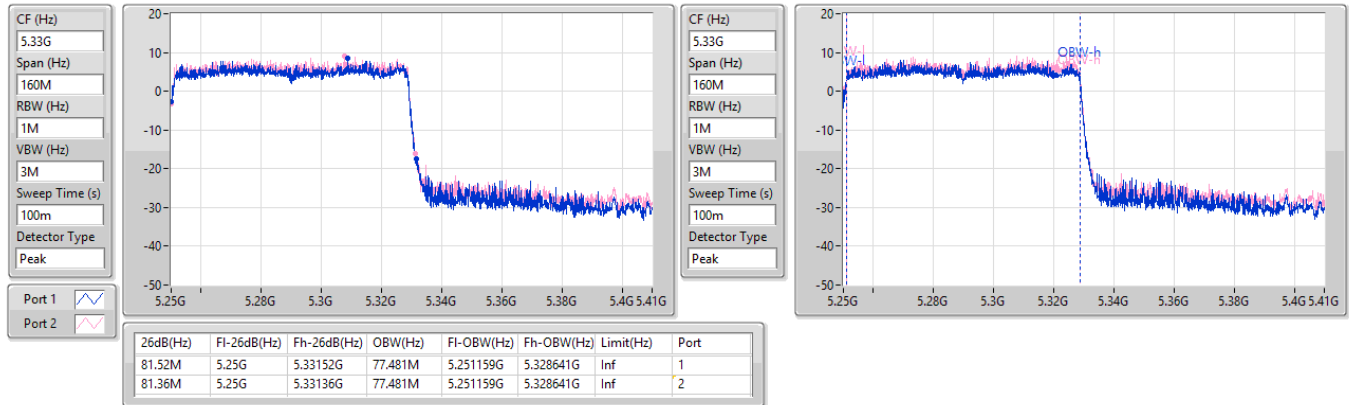

5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

23/09/2025

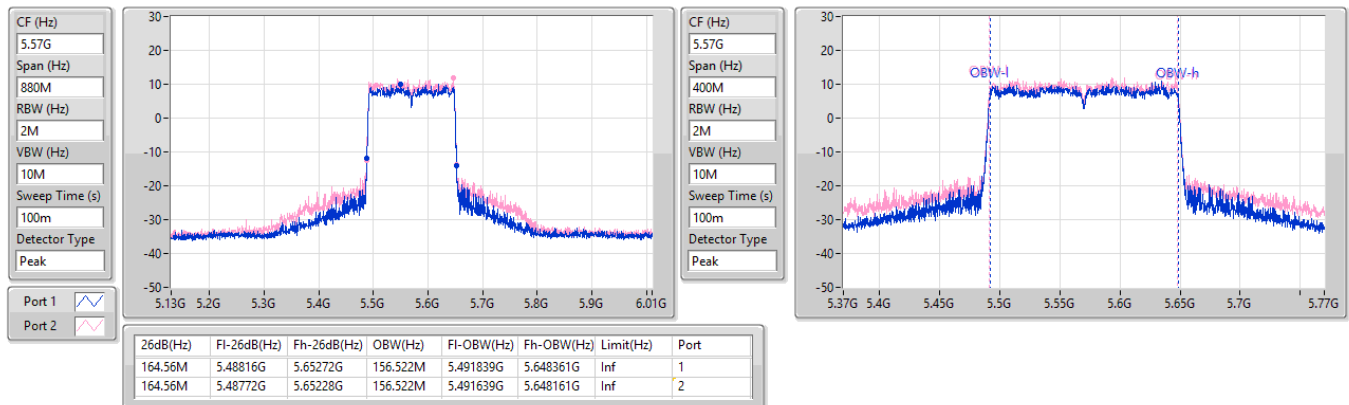


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/09/2025


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
5570MHz

23/09/2025

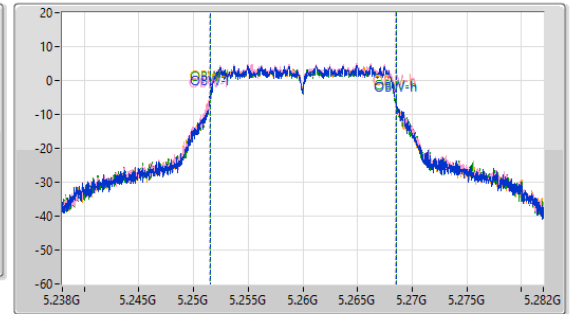
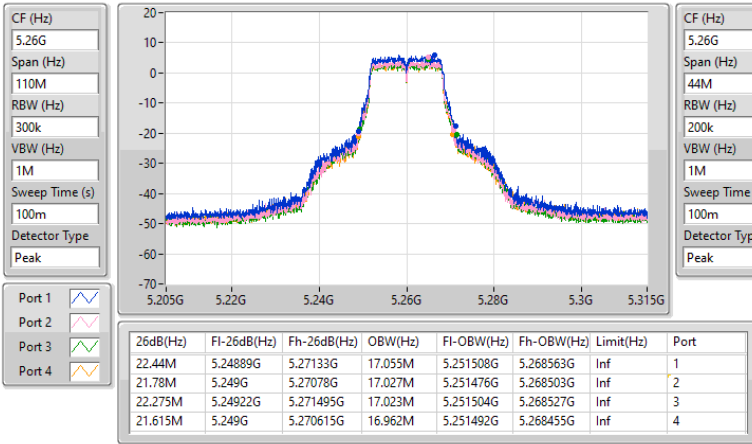


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

05/09/2025

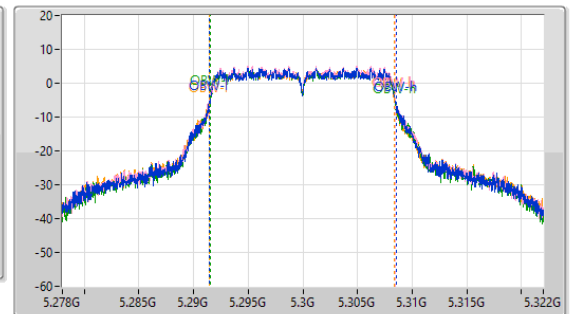
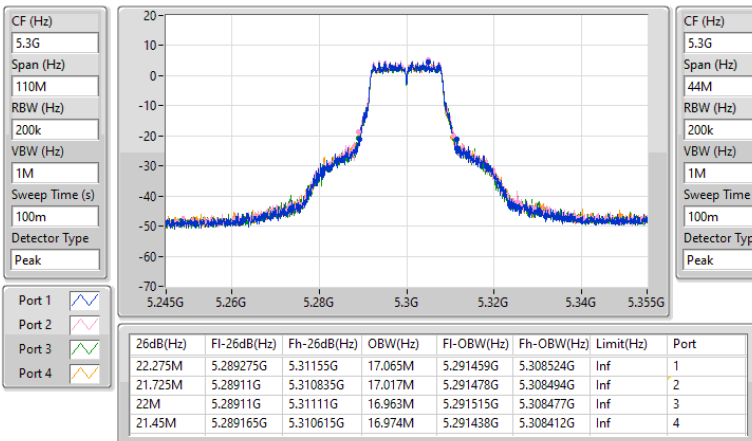


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

05/09/2025

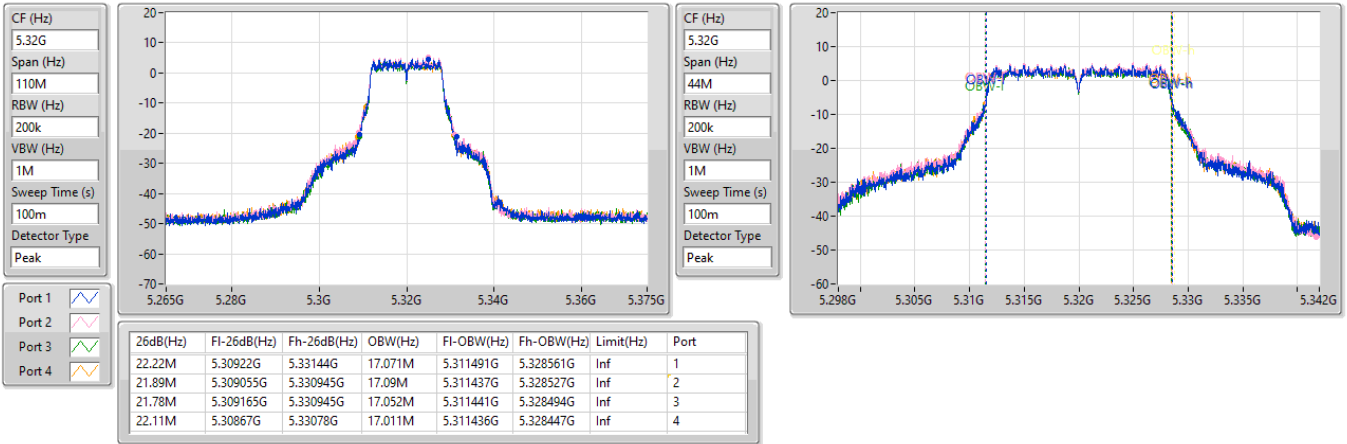


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

05/09/2025

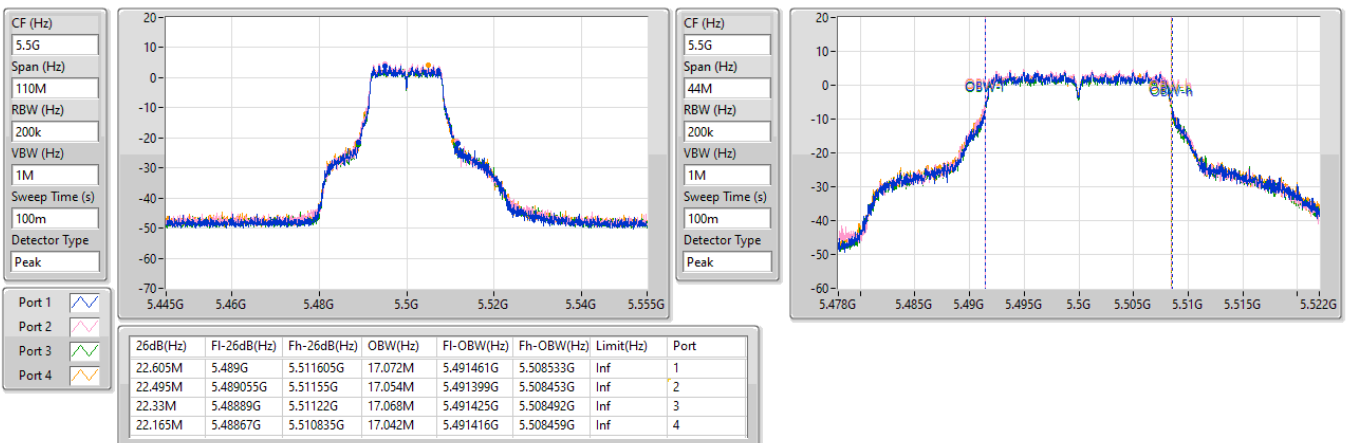


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

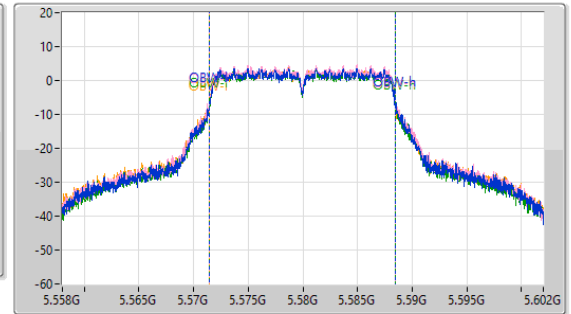
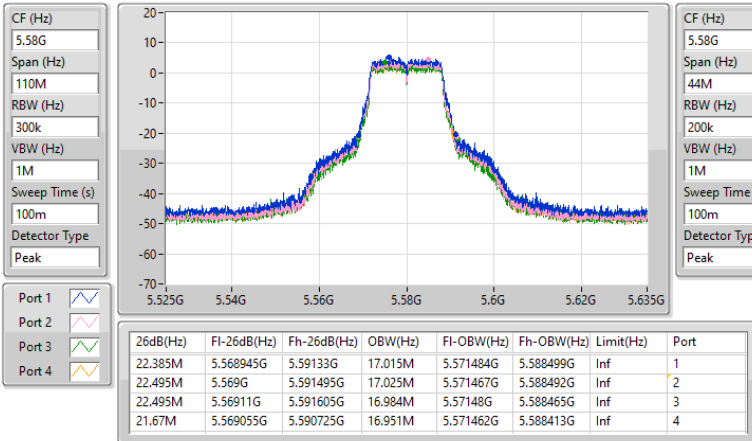
5500MHz

05/09/2025

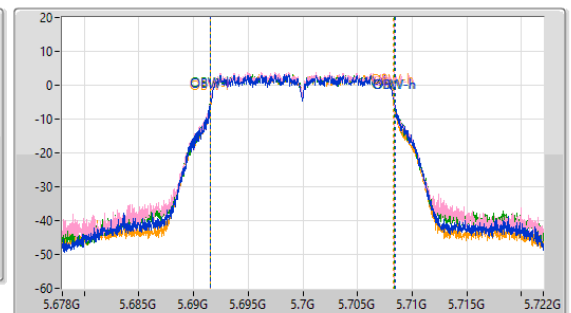
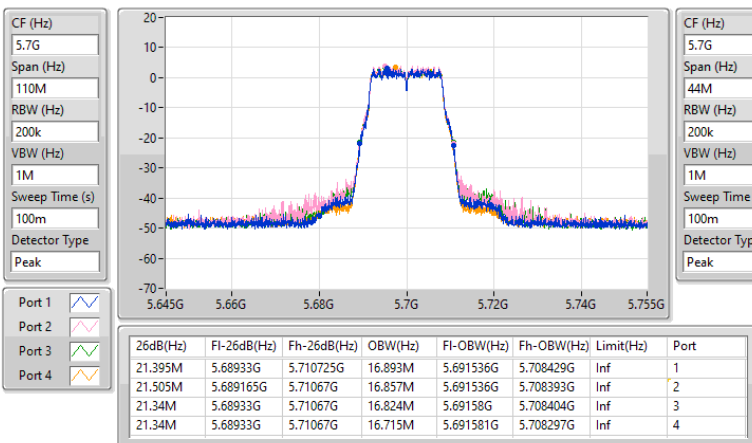


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

05/09/2025


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

05/09/2025

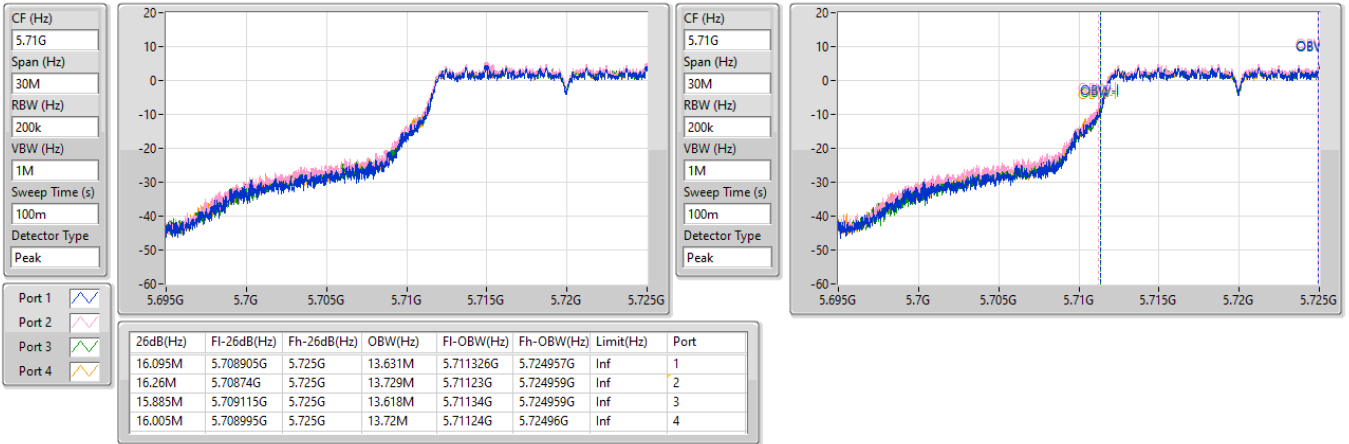


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

05/09/2025

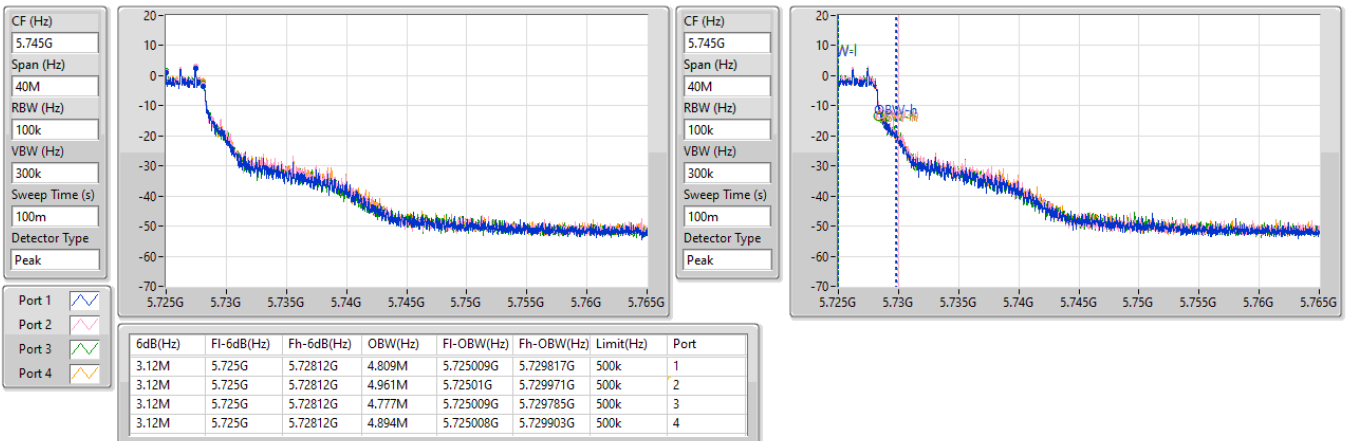


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

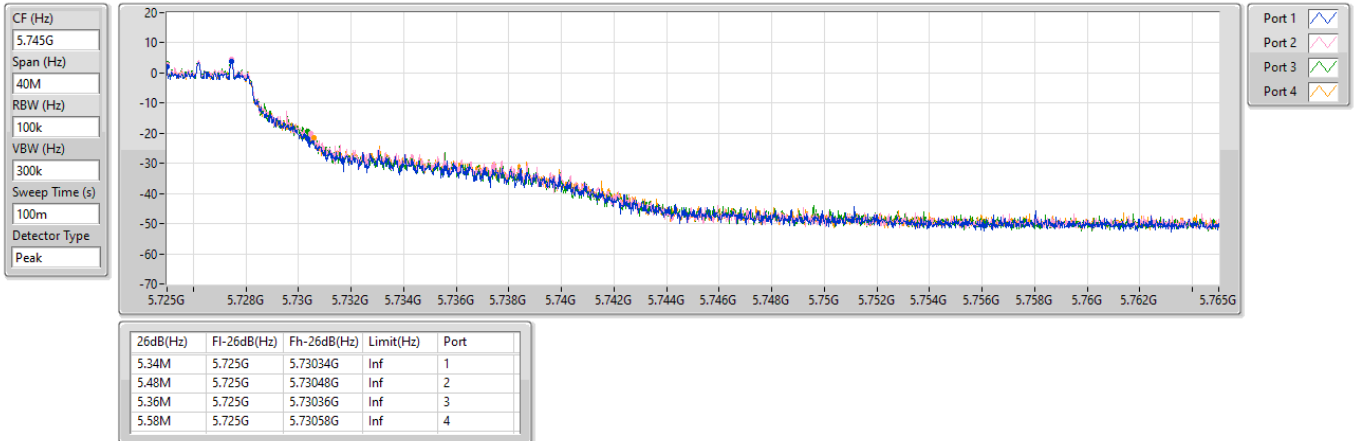
5720MHz Straddle 5.725-5.85GHz

05/09/2025

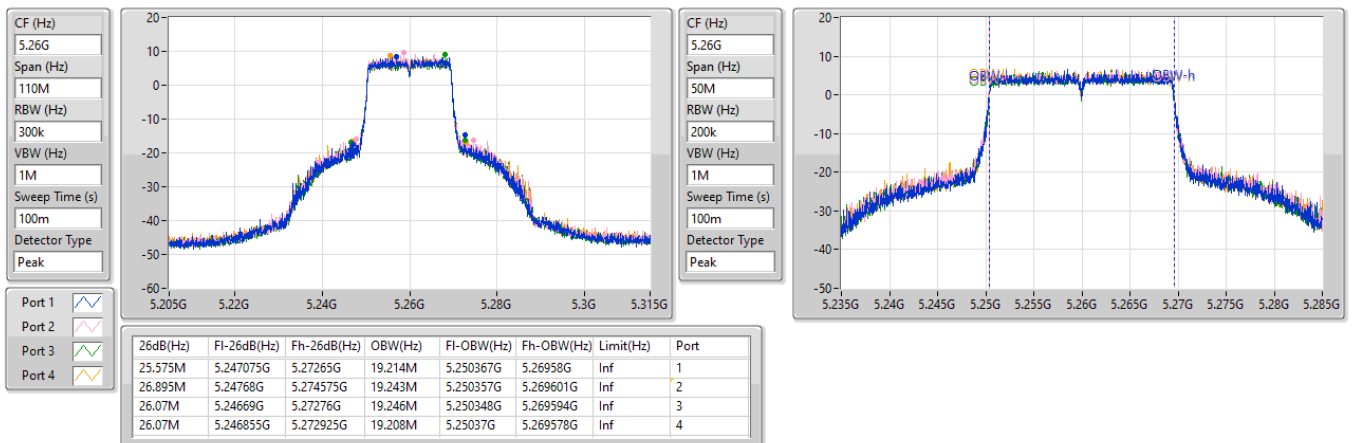


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/09/2025


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

05/09/2025

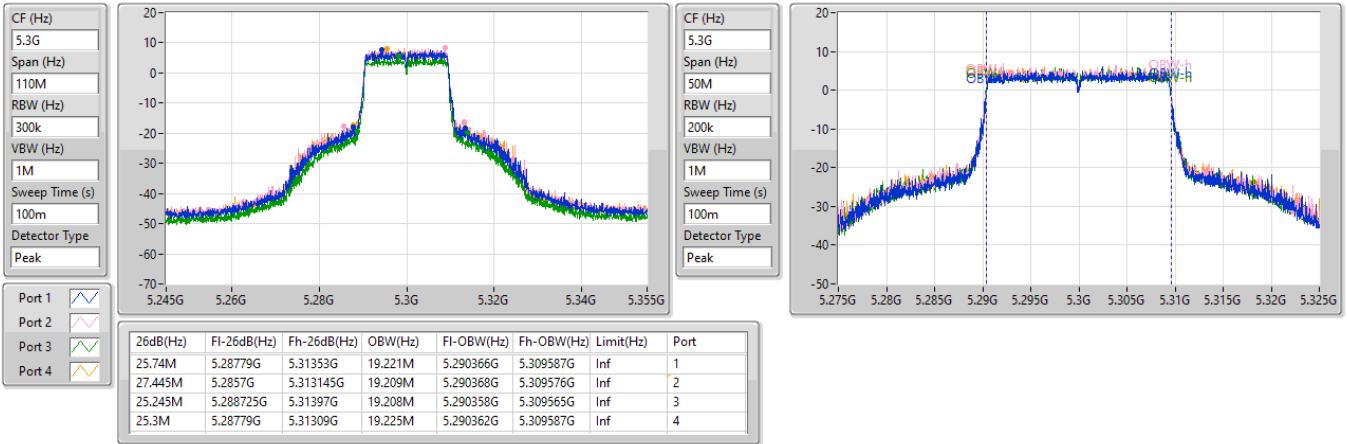


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

05/09/2025

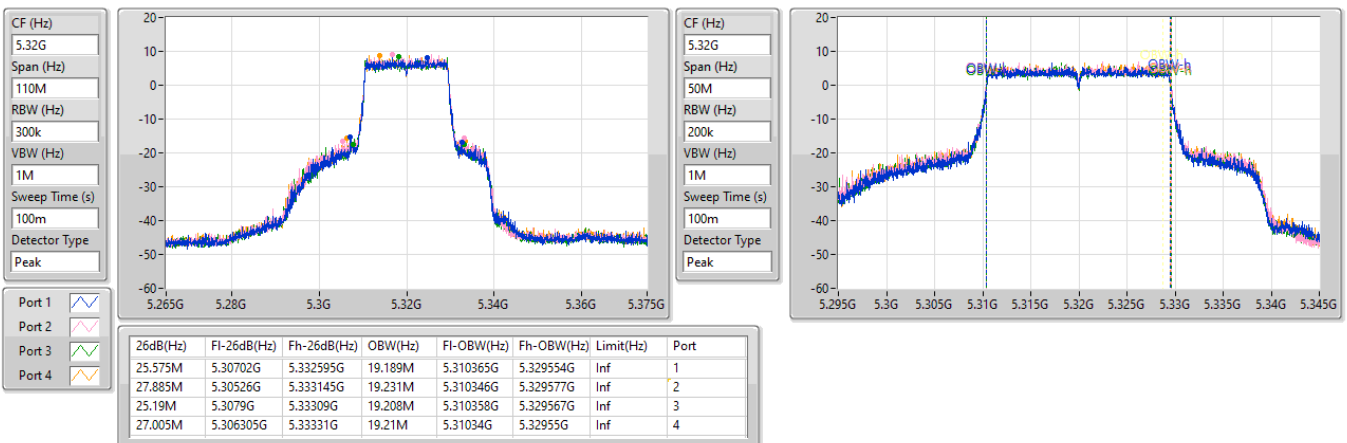


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

05/09/2025

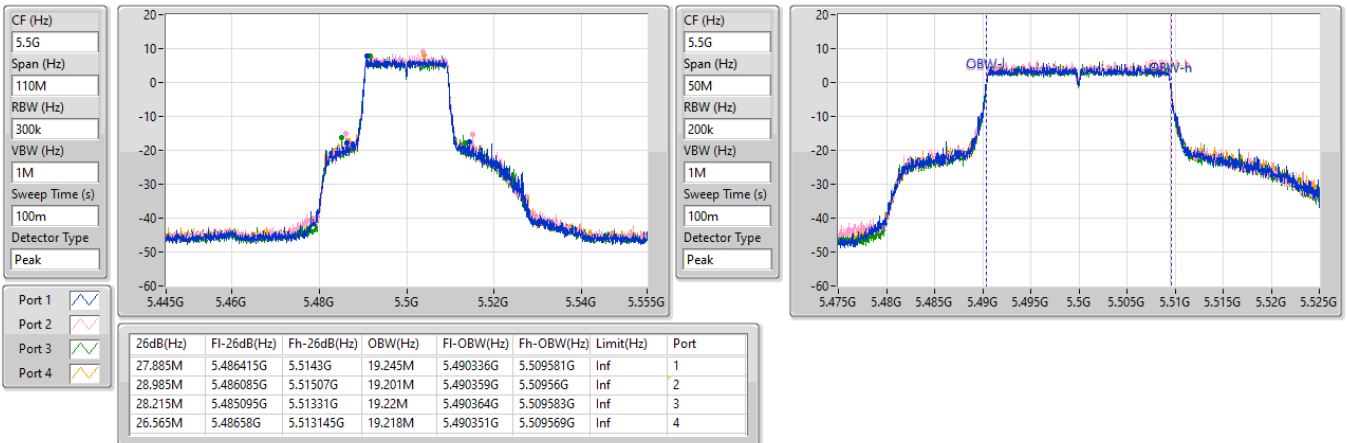


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

05/09/2025

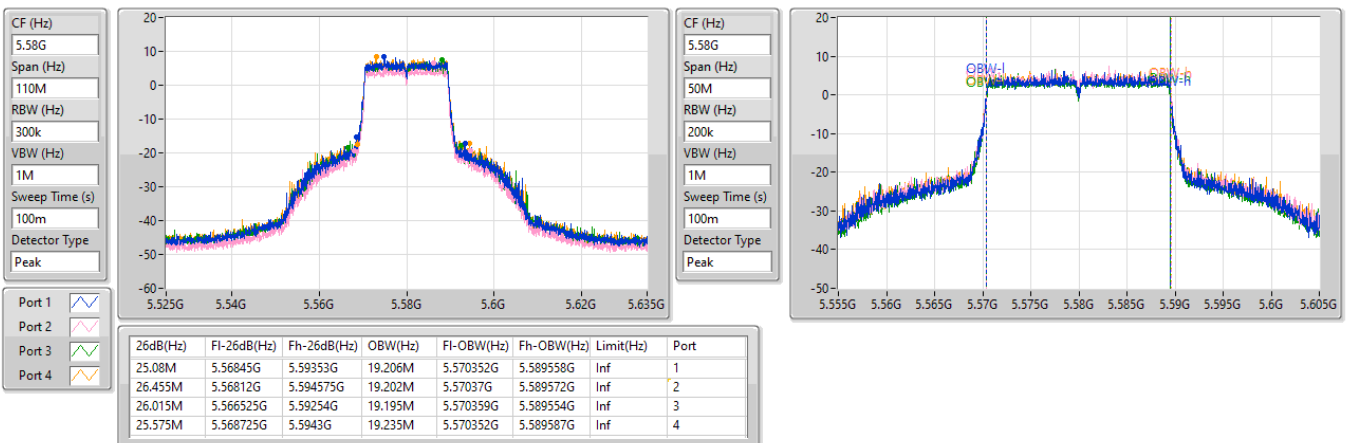


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

05/09/2025

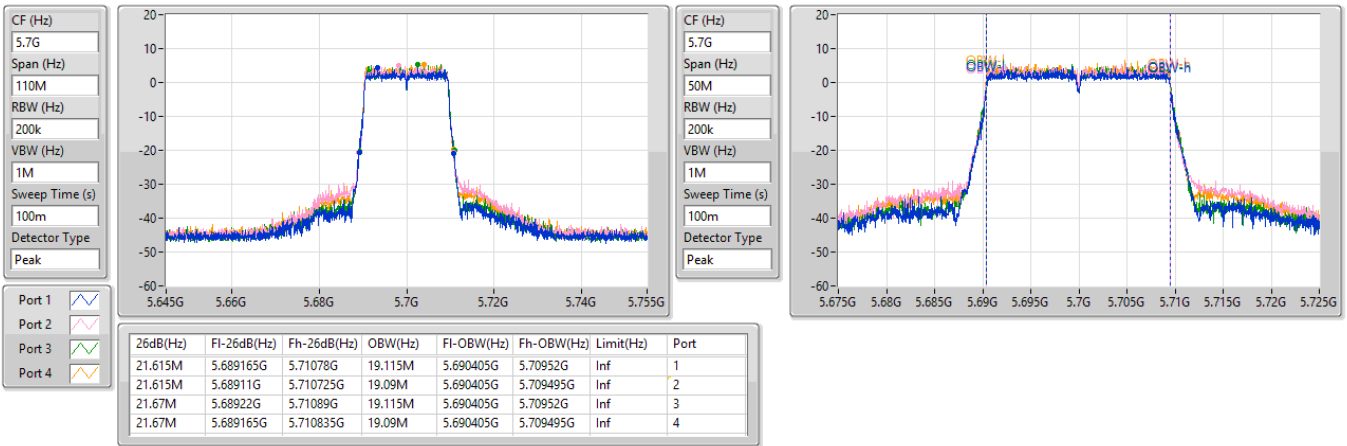


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

23/09/2025

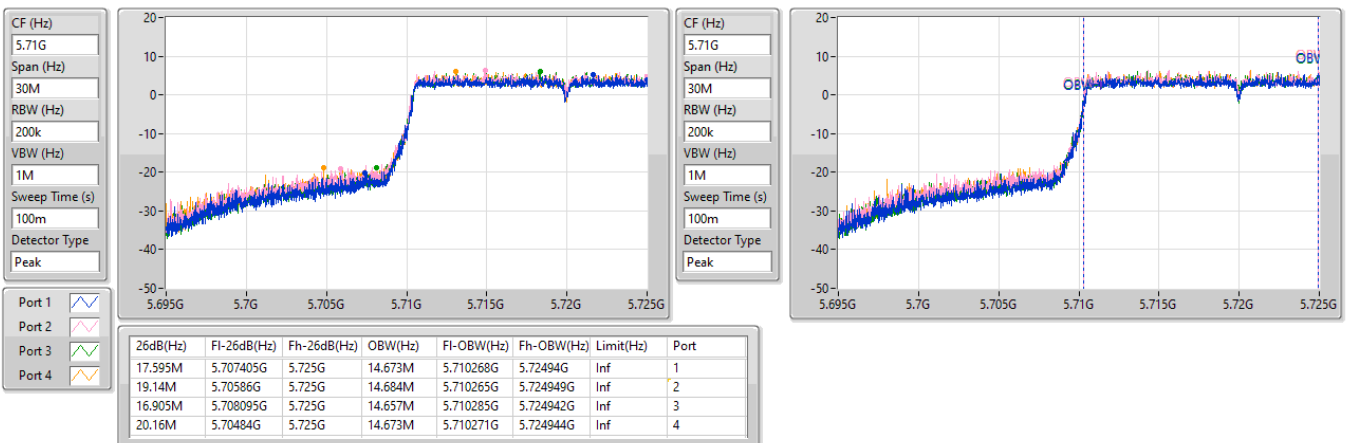


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

05/09/2025

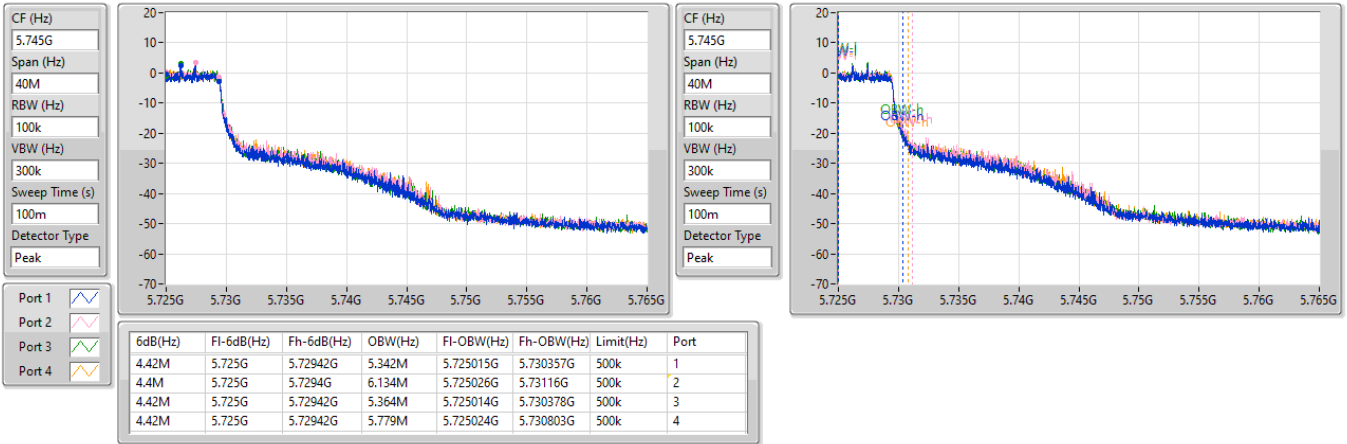


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/09/2025

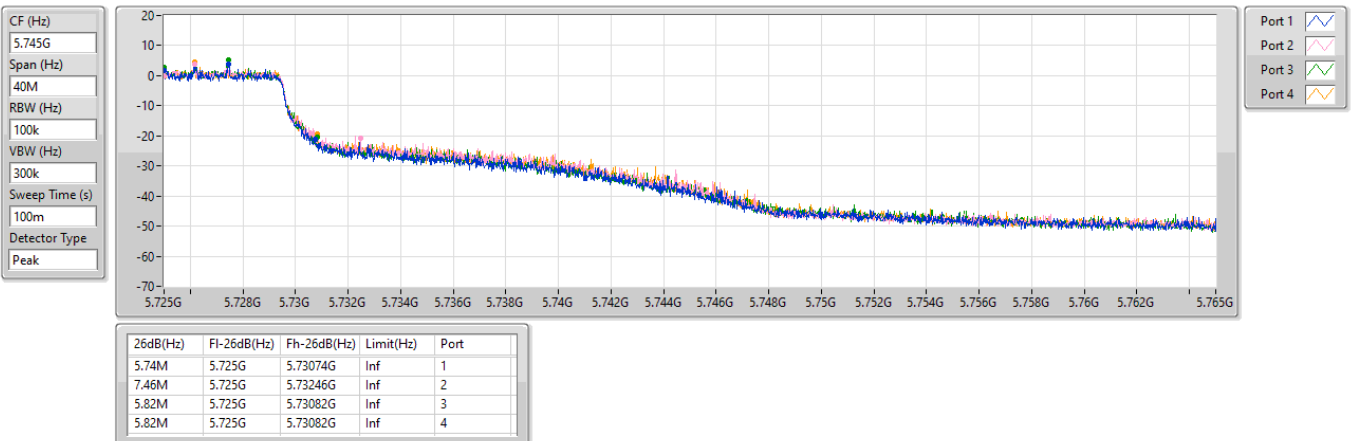


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

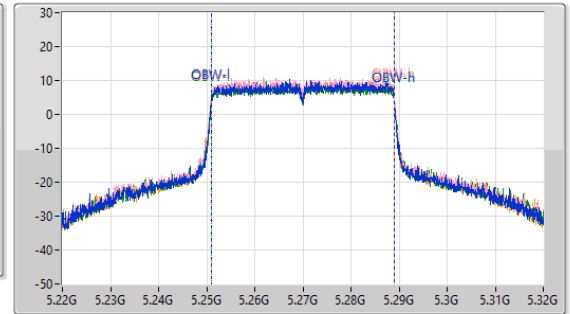
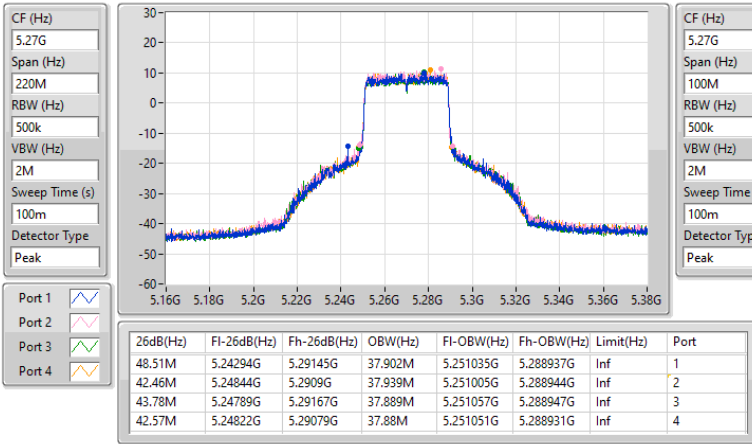
5720MHz Straddle 5.725-5.85GHz

05/09/2025

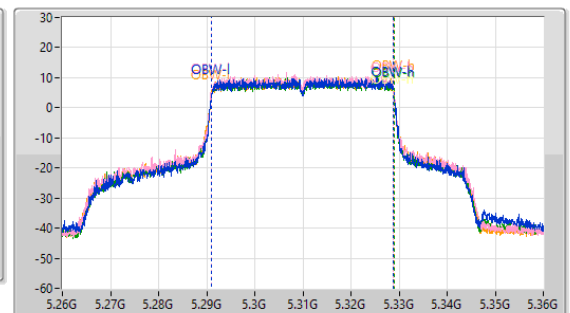
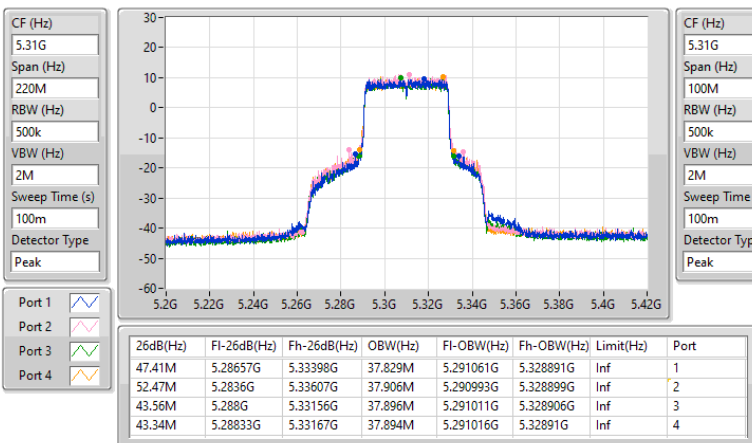


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

05/09/2025


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

05/09/2025

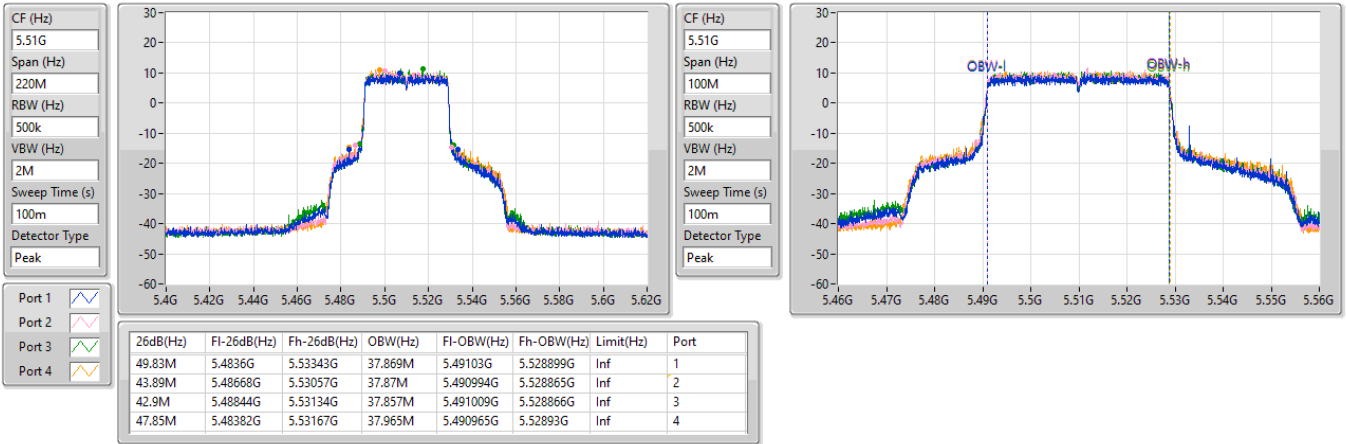


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

05/09/2025

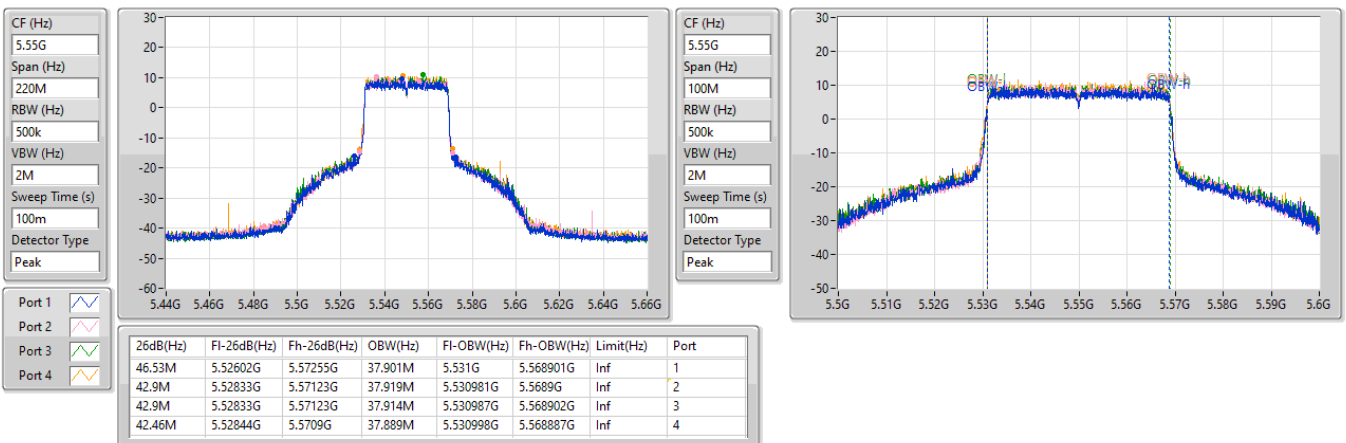


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

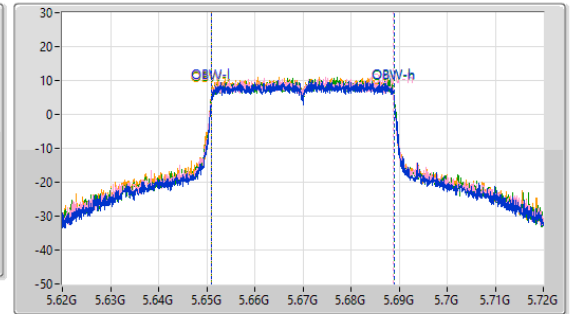
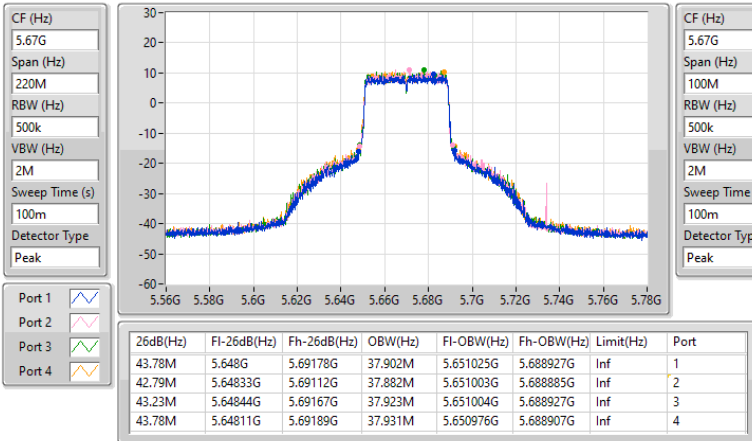
5550MHz

05/09/2025

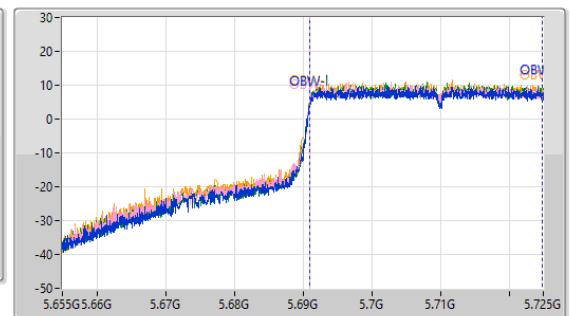
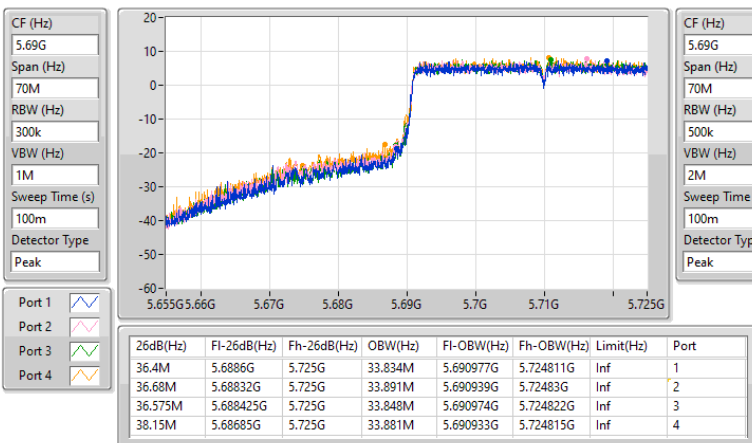


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

05/09/2025

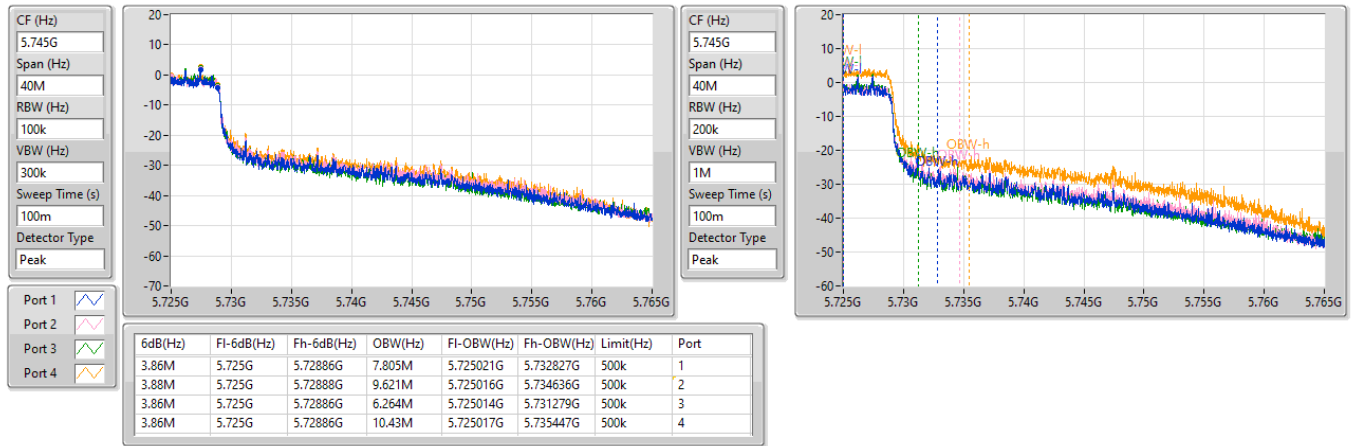

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/09/2025

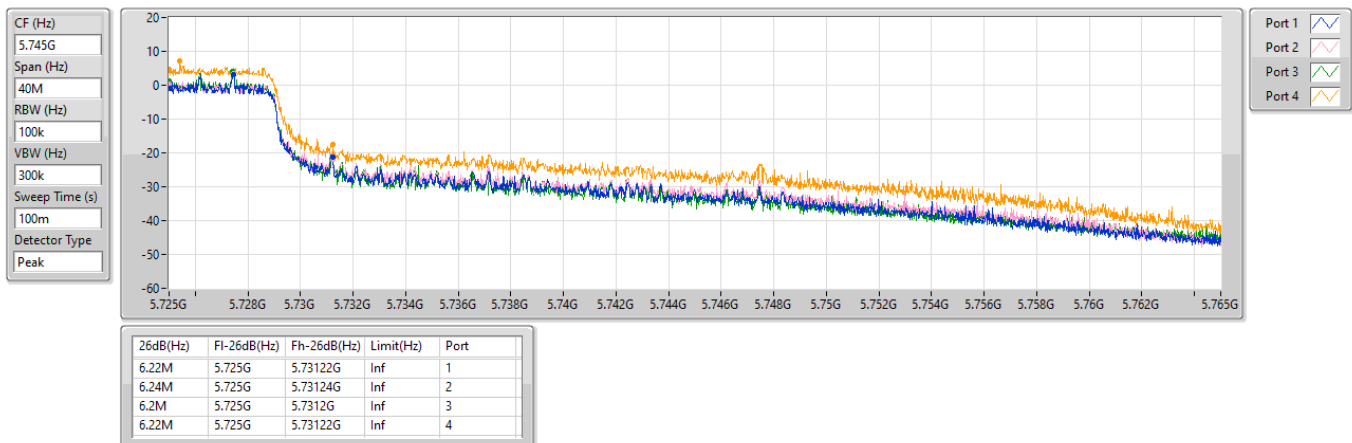


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/09/2025


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/09/2025

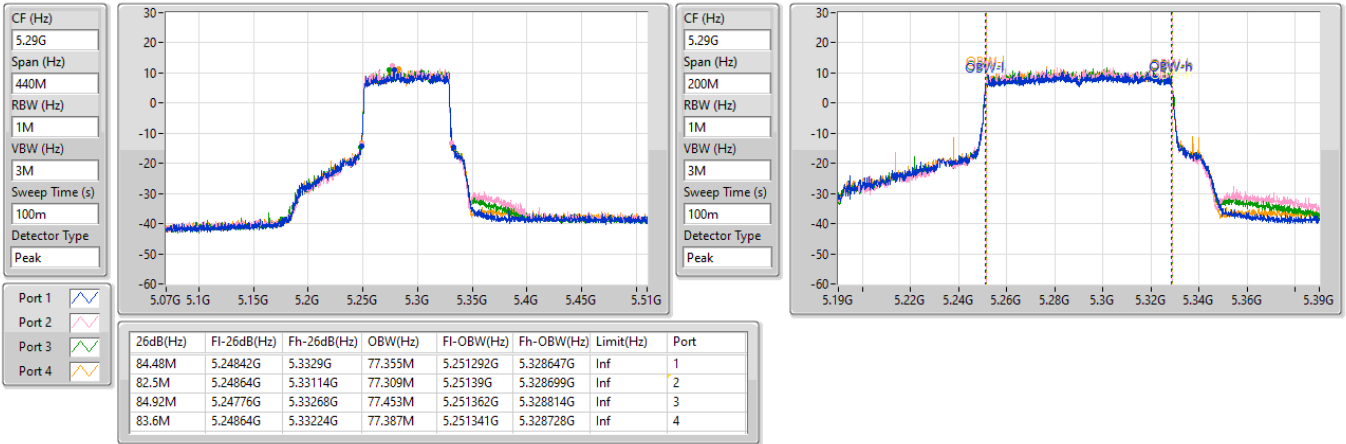


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

05/09/2025

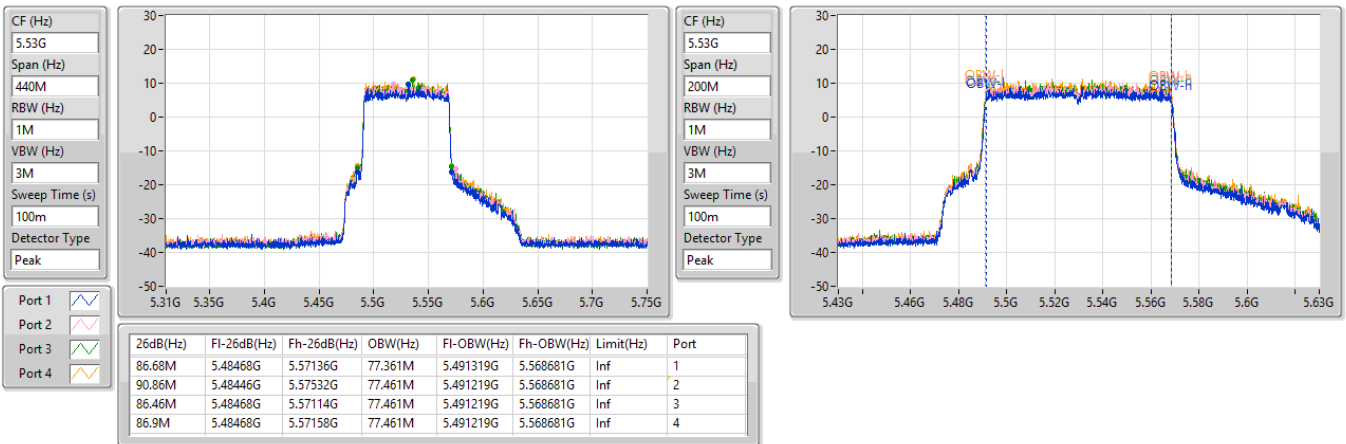


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

23/09/2025

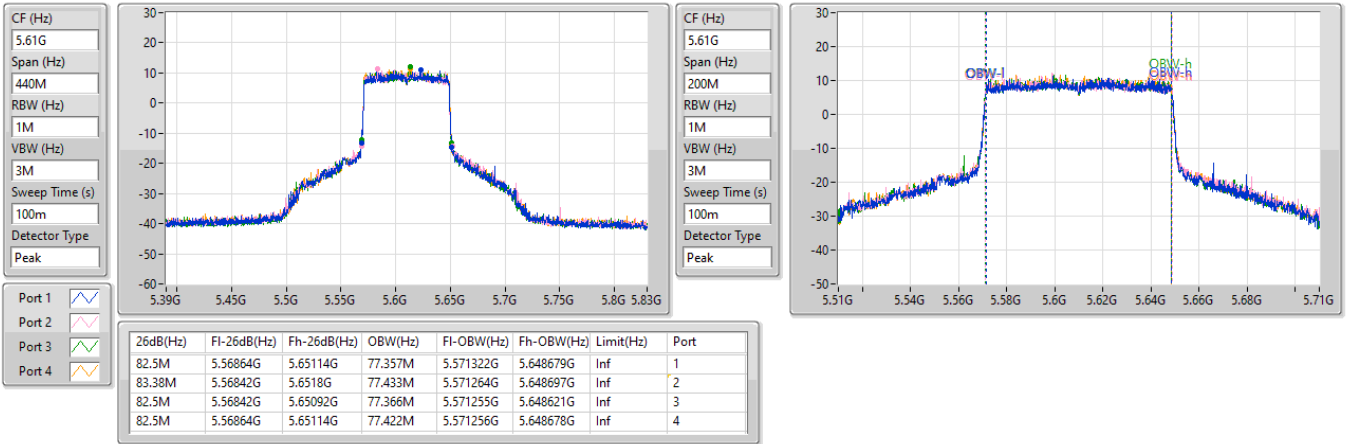


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

05/09/2025

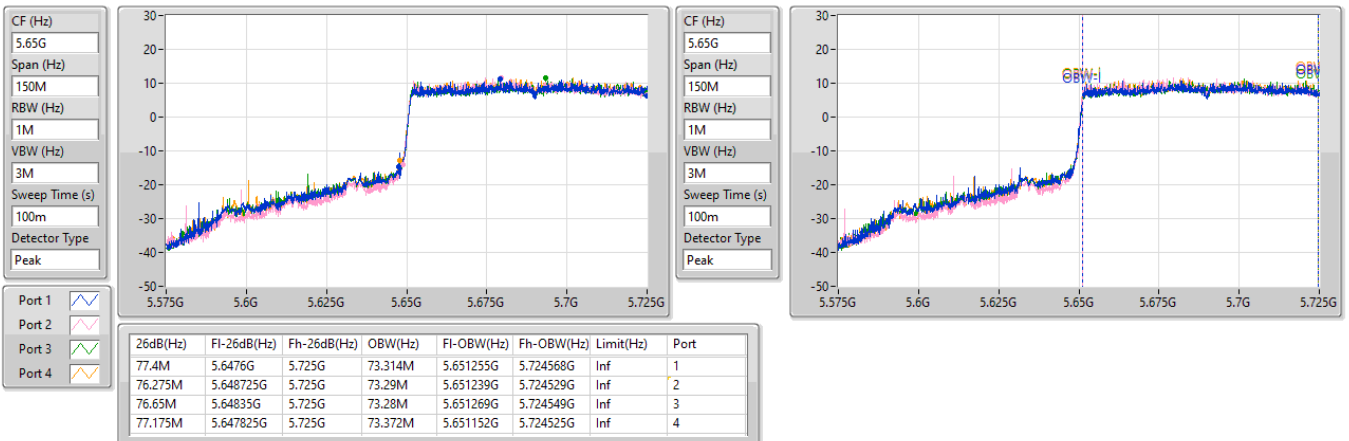


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

05/09/2025

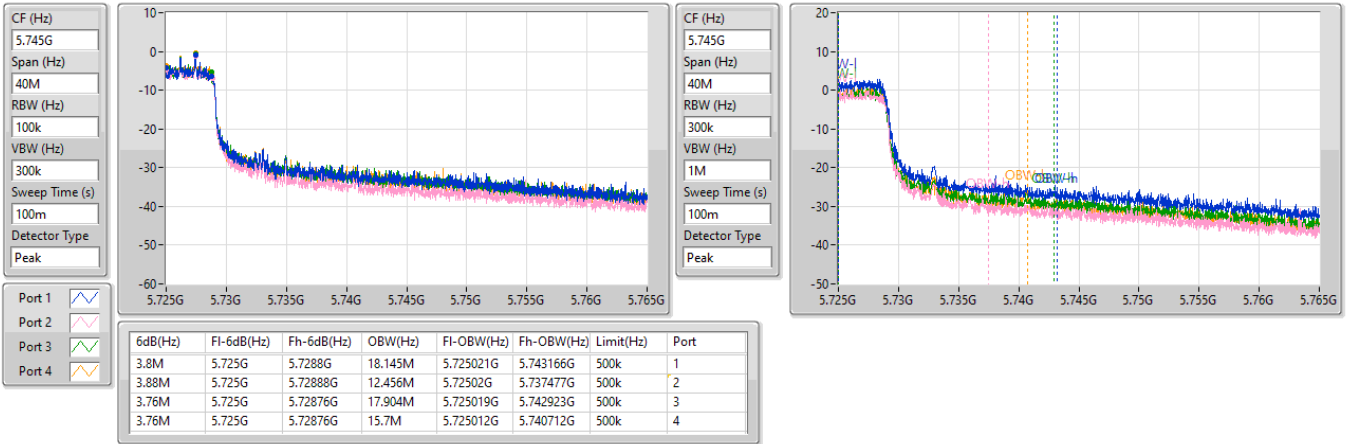


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/09/2025

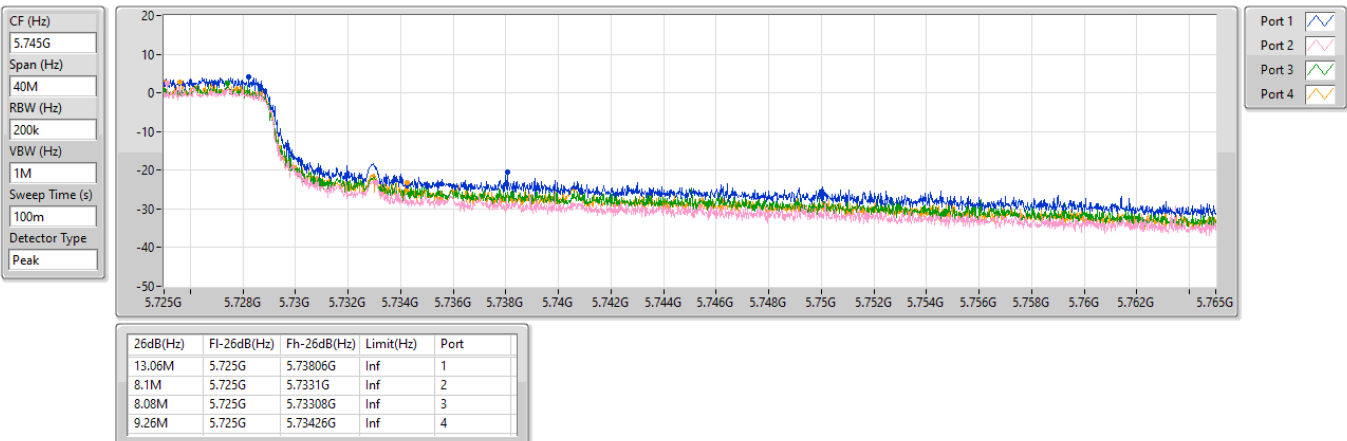


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

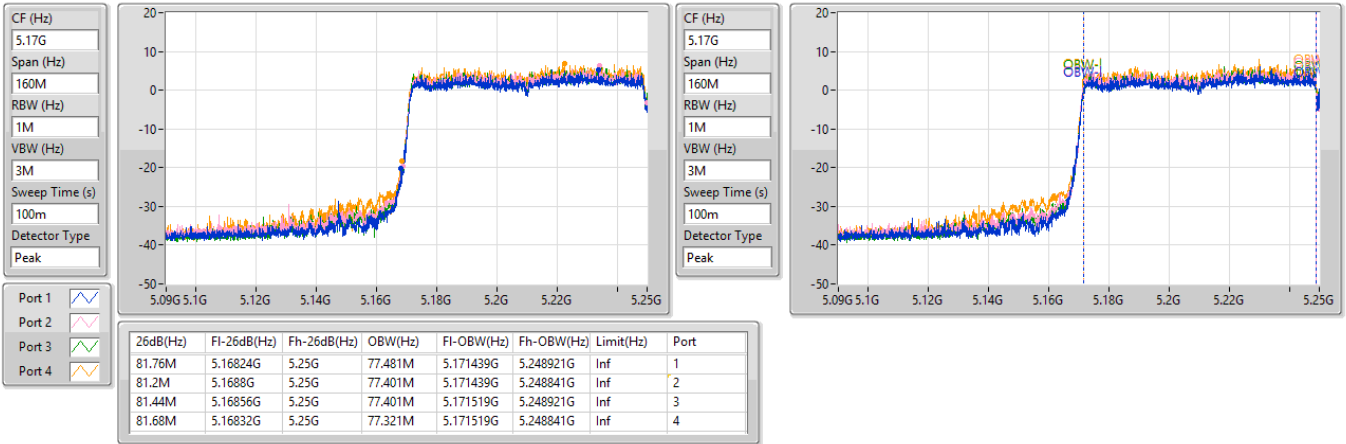
5690MHz Straddle 5.725-5.85GHz

05/09/2025

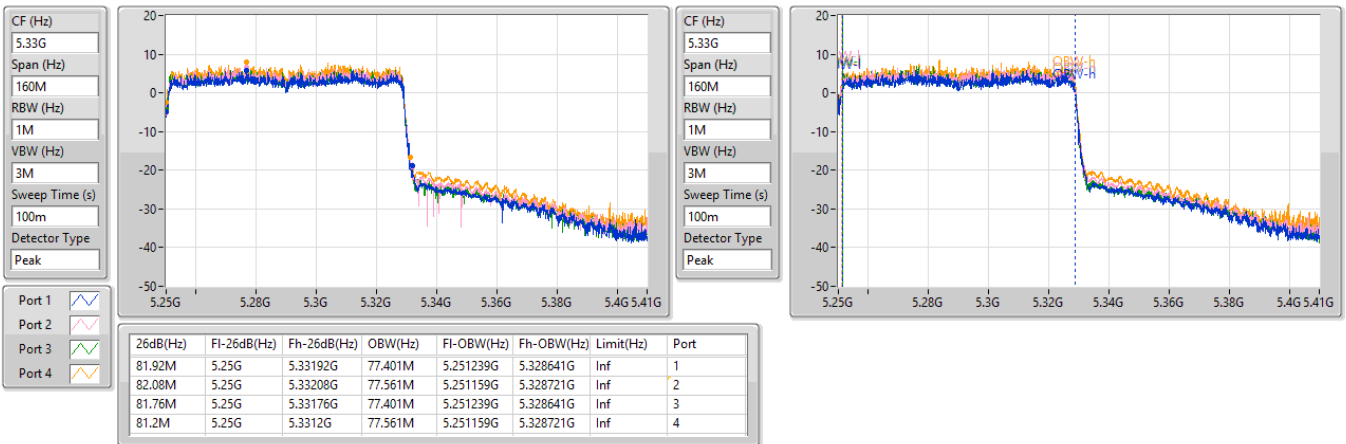


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

23/09/2025


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/09/2025

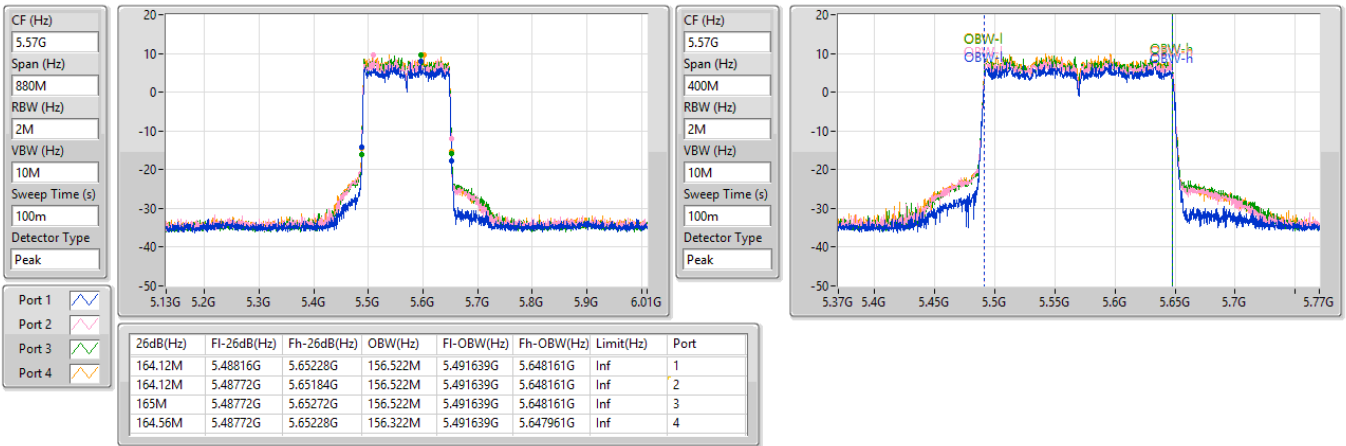


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

23/09/2025

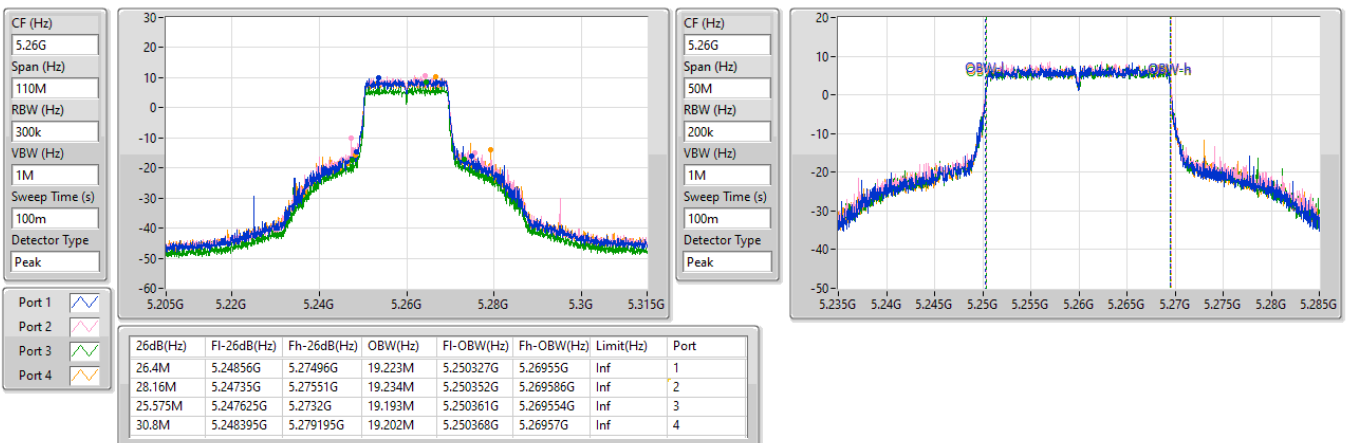


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5260MHz

05/09/2025

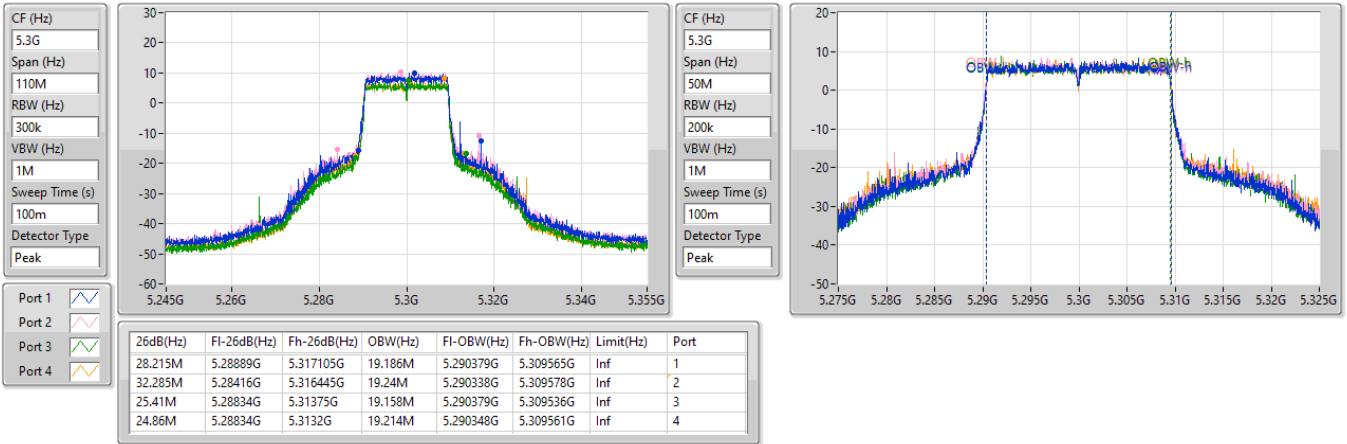


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5300MHz

05/09/2025

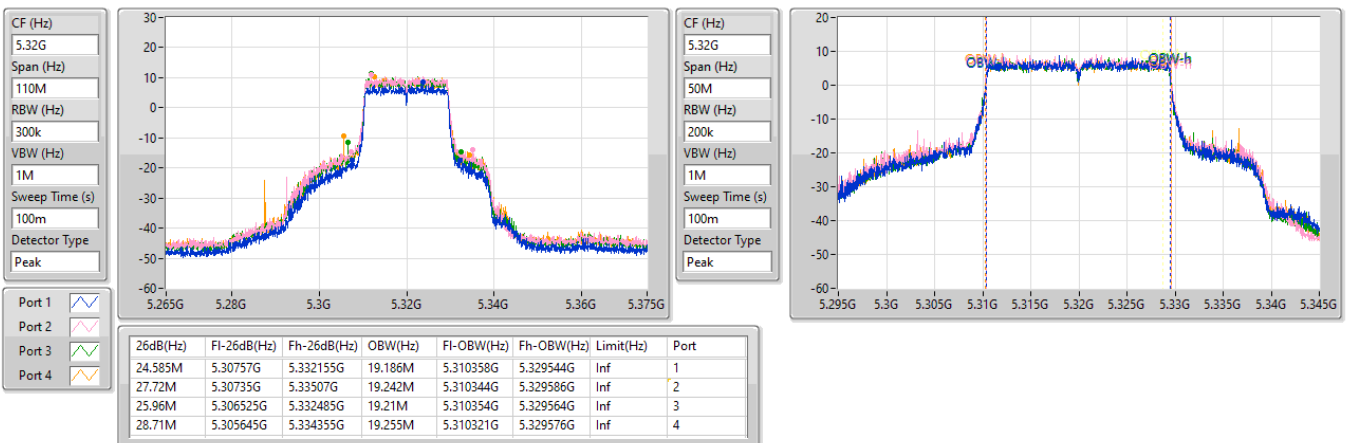


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5320MHz

05/09/2025

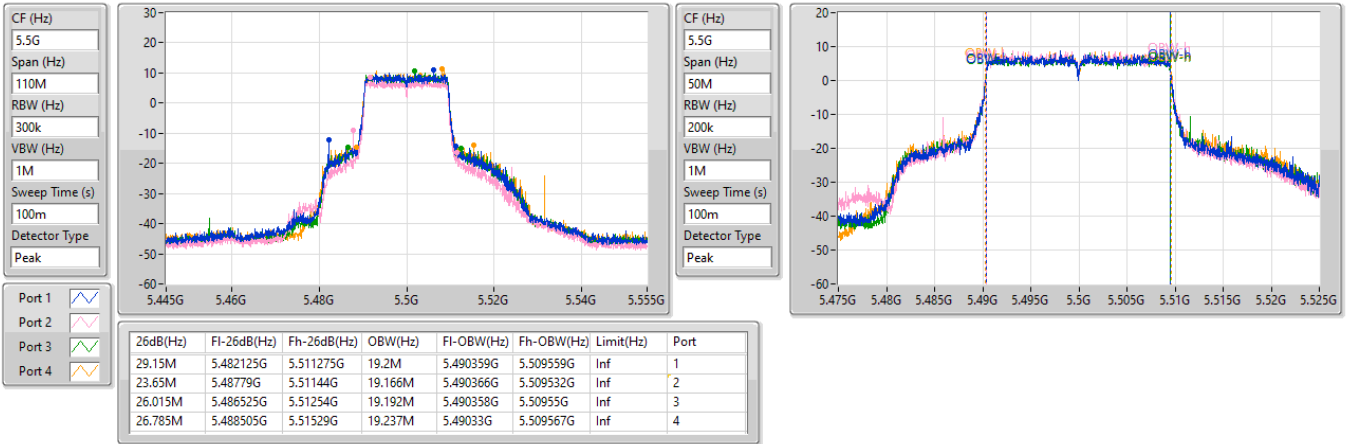


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5500MHz

05/09/2025

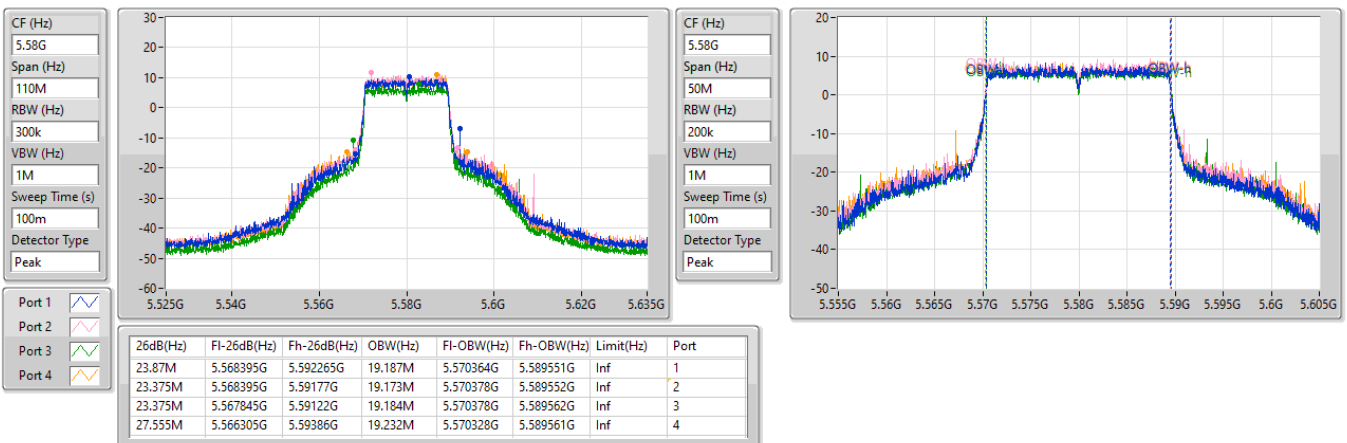


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EBW

5580MHz

05/09/2025

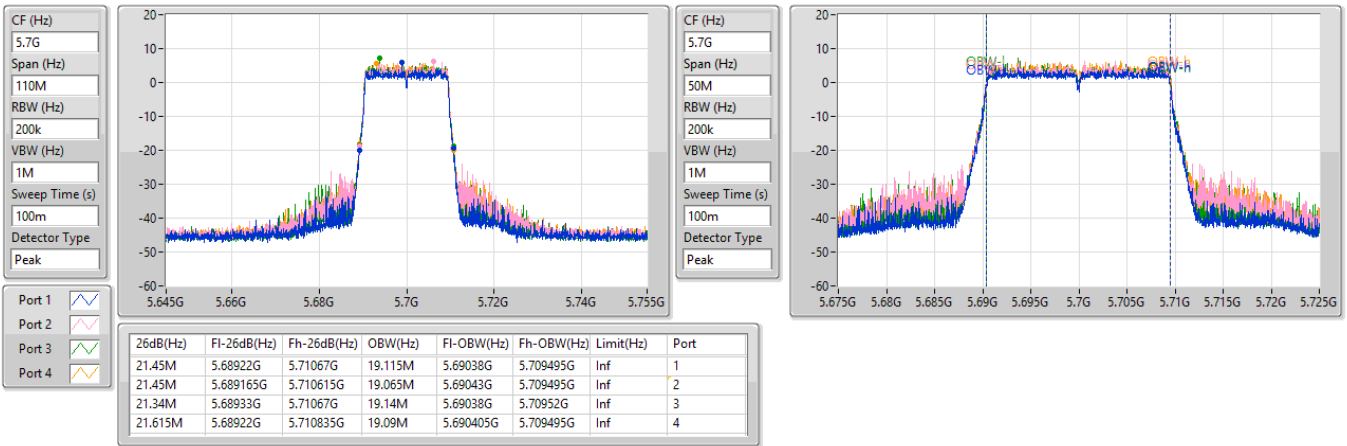


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5700MHz

23/09/2025

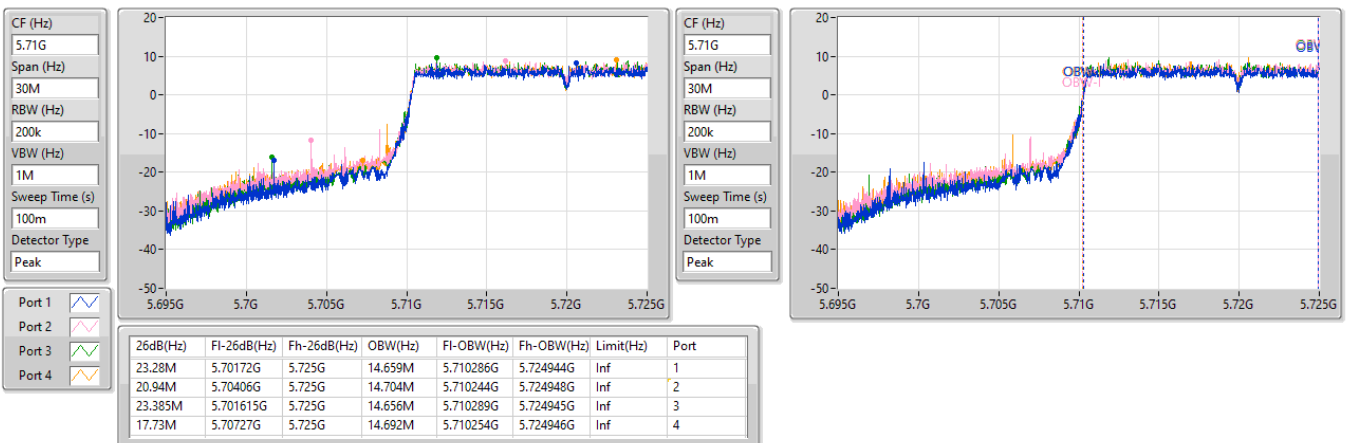


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

05/09/2025

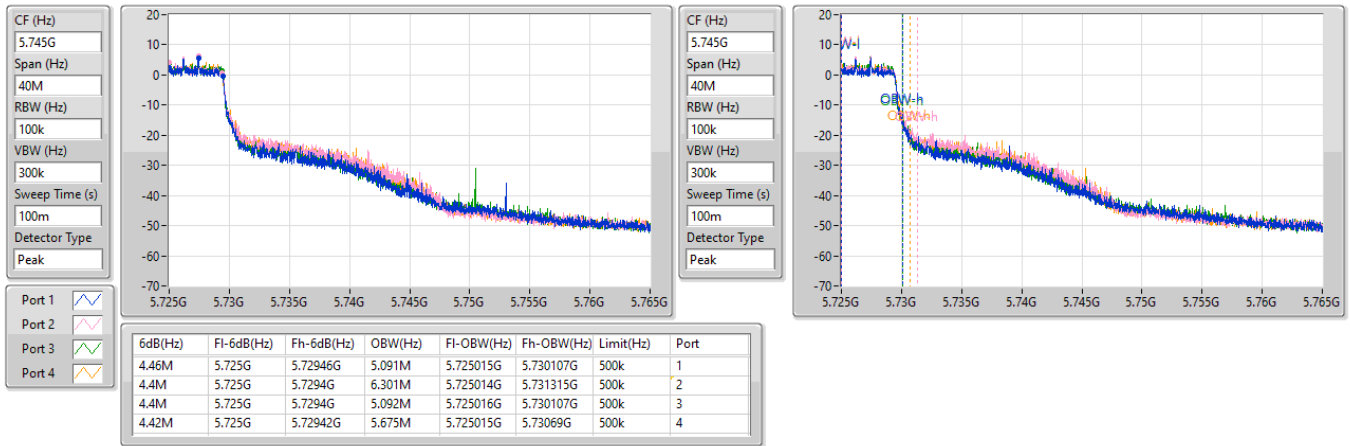


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/09/2025

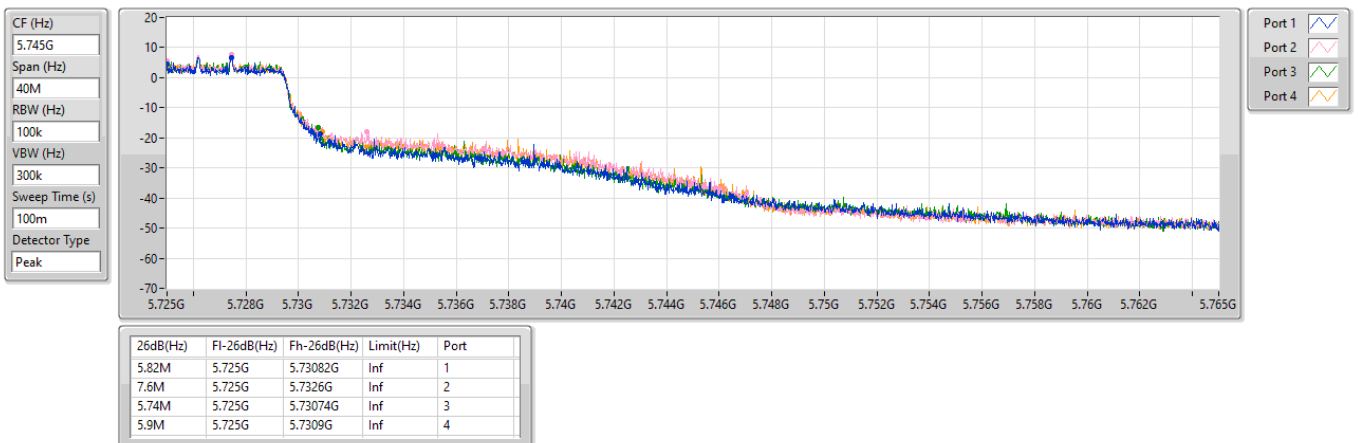


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

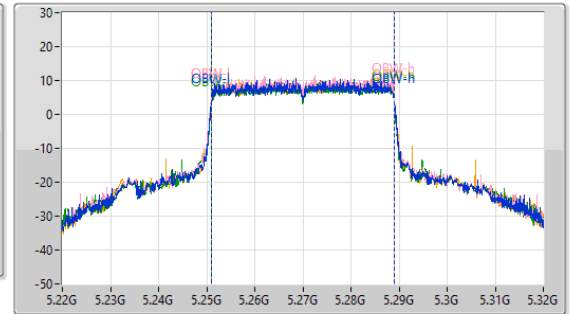
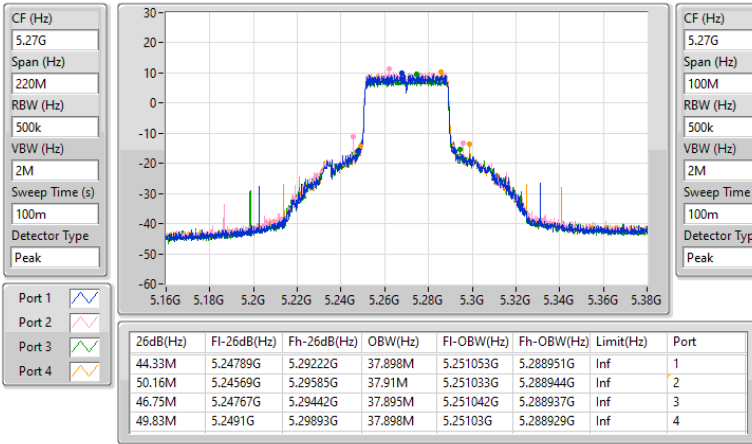
5720MHz Straddle 5.725-5.85GHz

05/09/2025

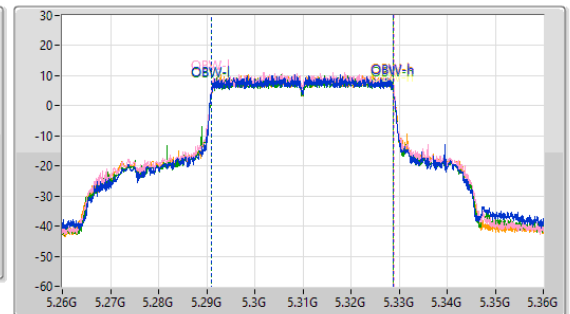
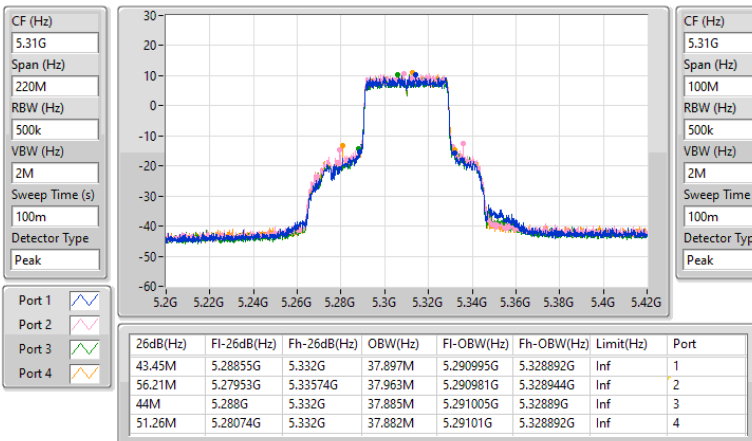


5.25-5.35GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5270MHz

05/09/2025


5.25-5.35GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5310MHz

05/09/2025

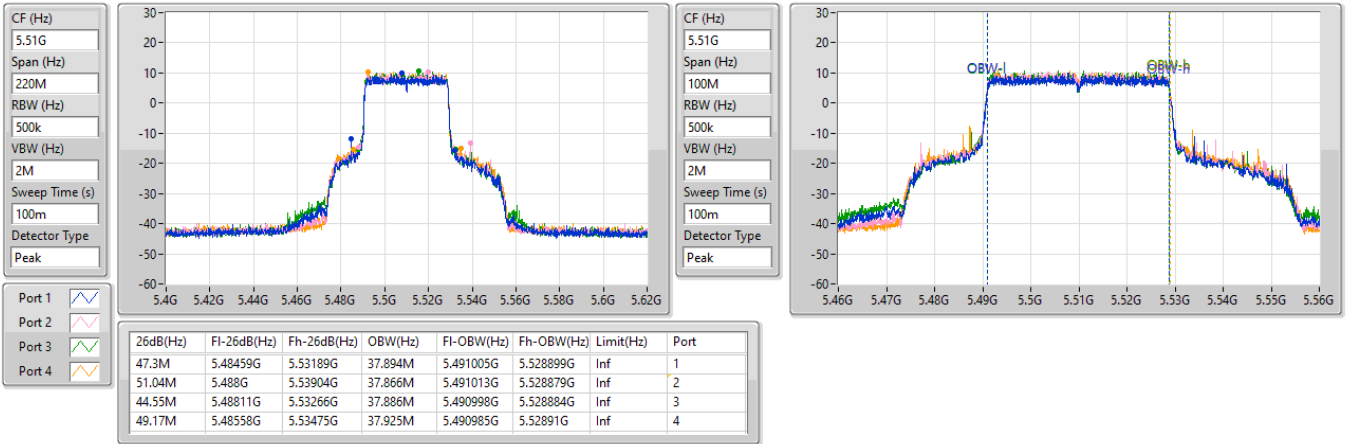


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5510MHz

05/09/2025

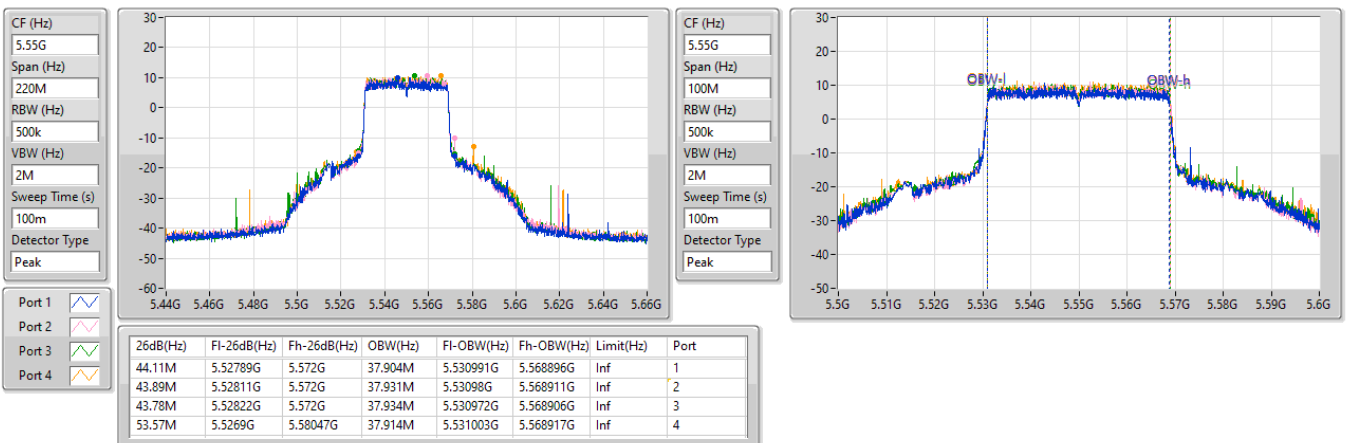


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5550MHz

05/09/2025

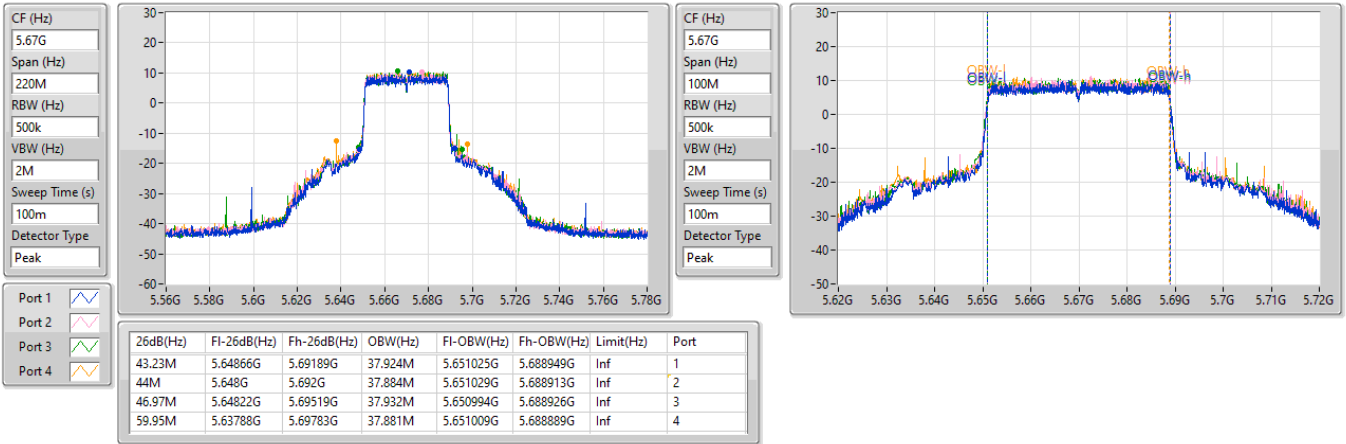


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5670MHz

05/09/2025

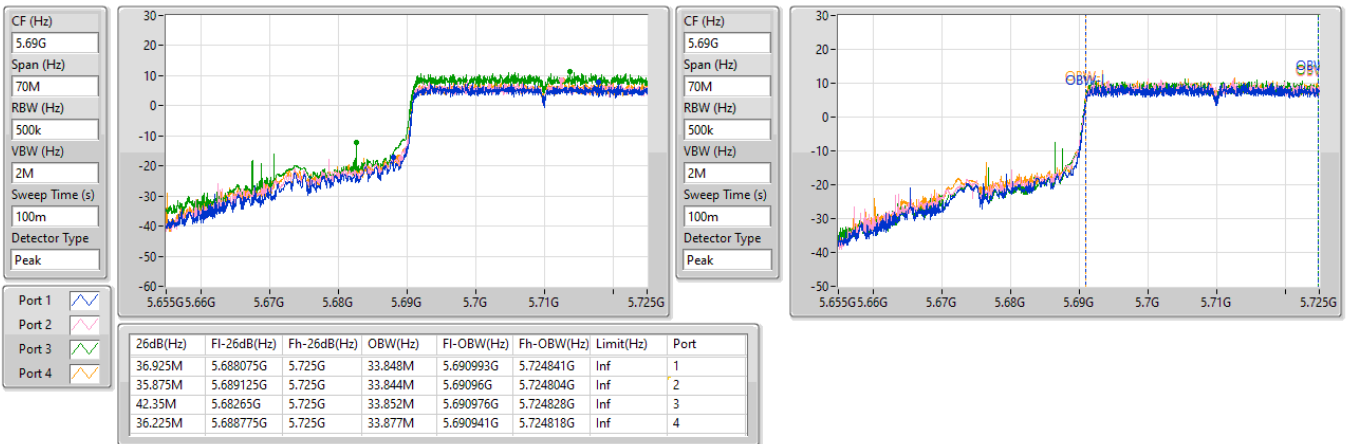


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

05/09/2025

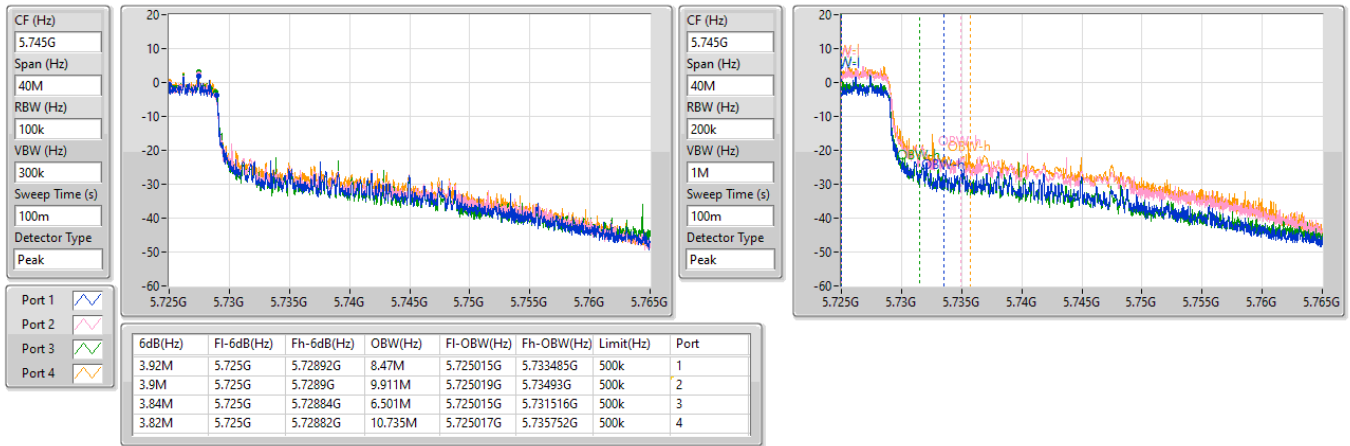


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

05/09/2025

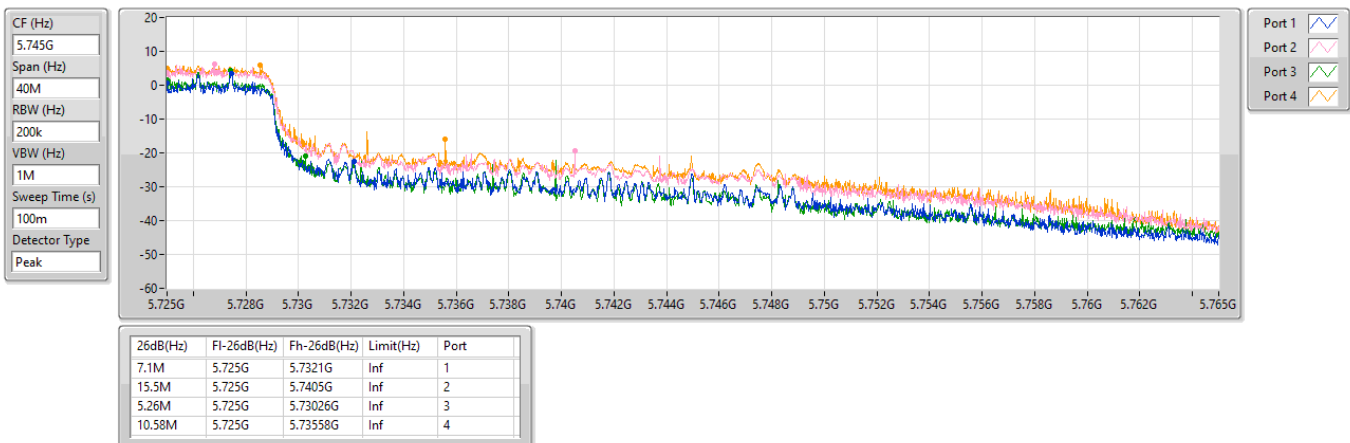


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

05/09/2025

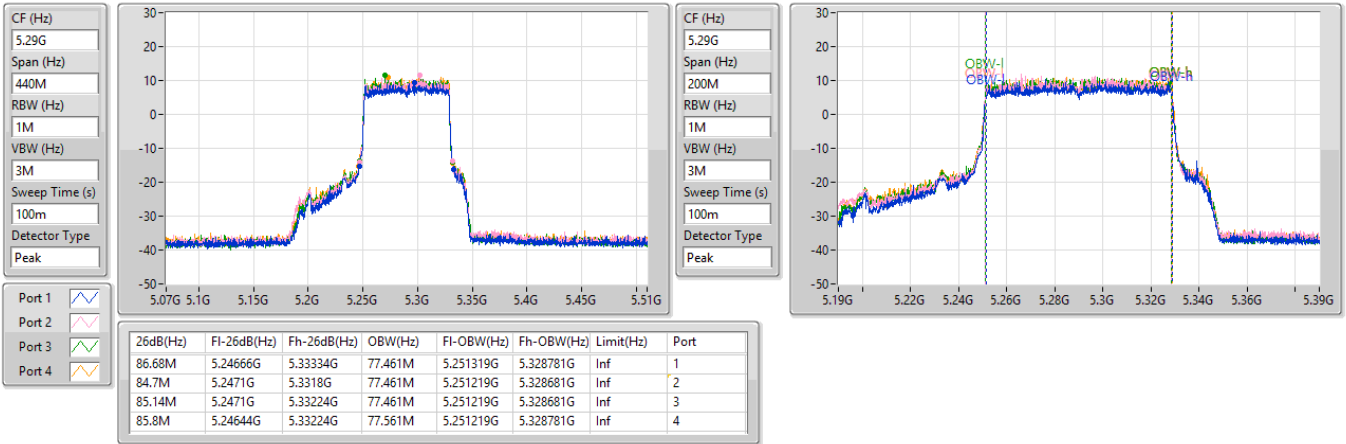


5.25-5.35GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5290MHz

23/09/2025

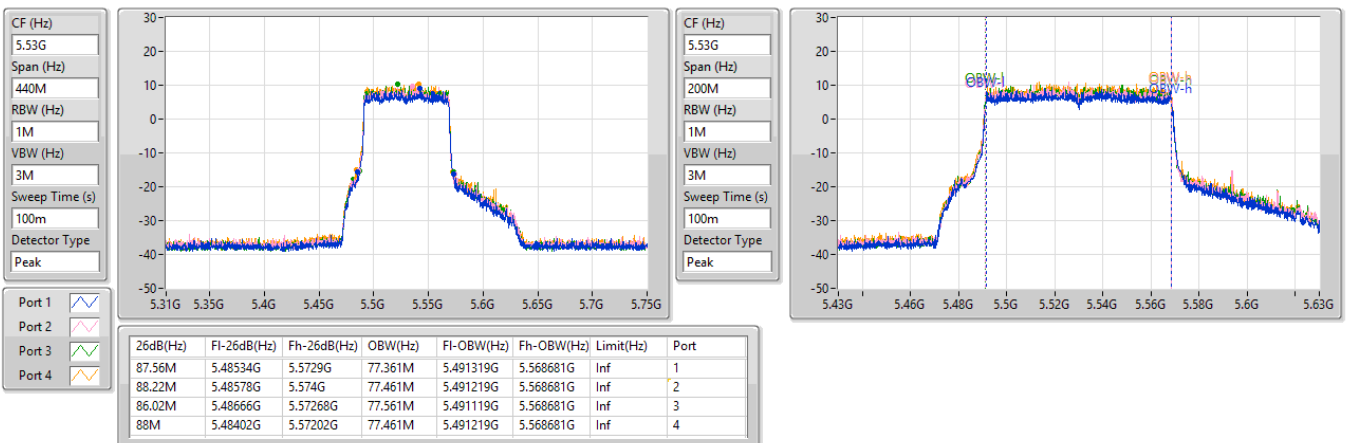


5.47-5.725GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

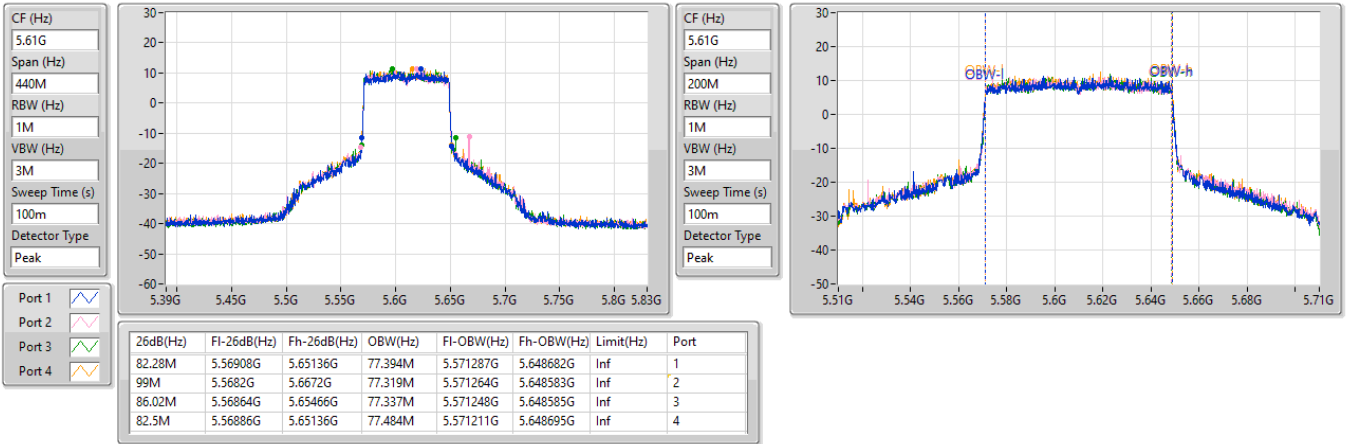
5530MHz

23/09/2025

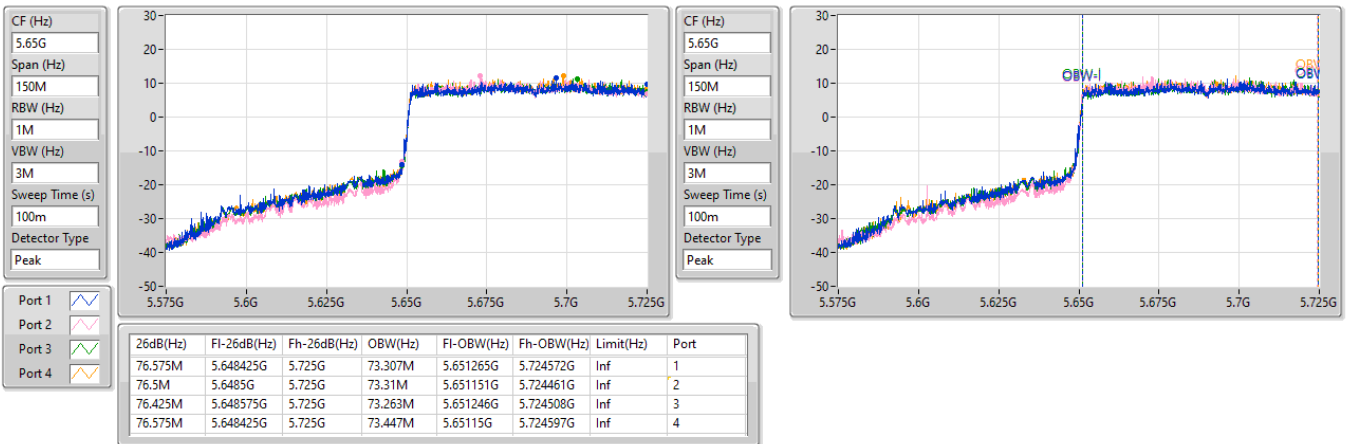


5.47-5.725GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
5610MHz

05/09/2025


5.47-5.725GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/09/2025

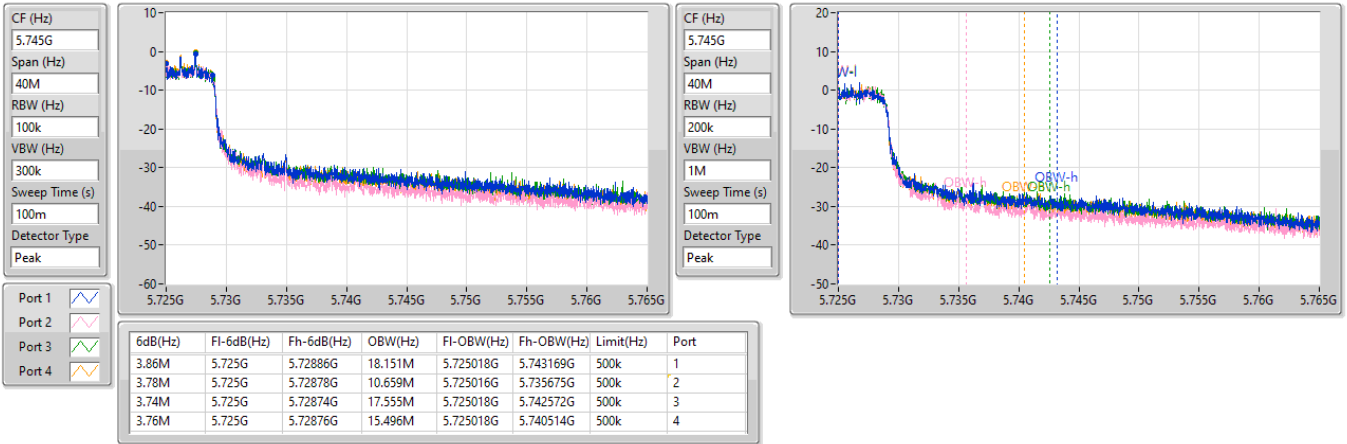


5.725-5.85GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/09/2025

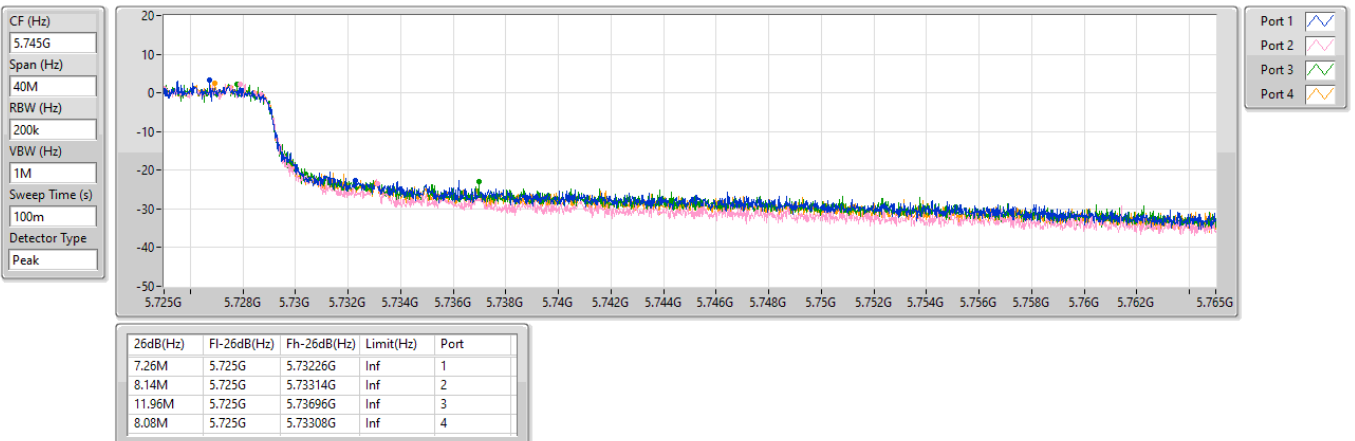


5.725-5.85GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

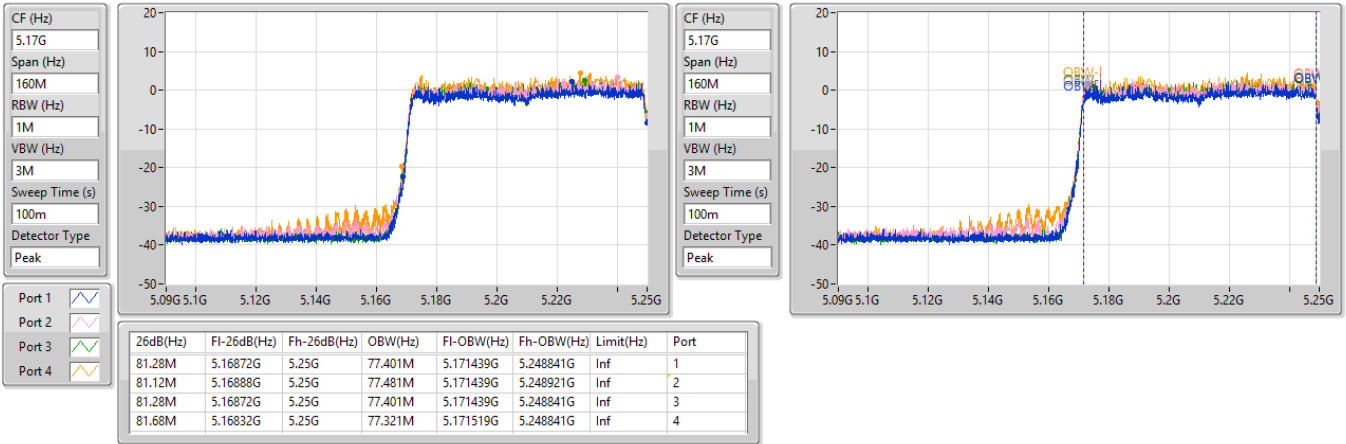
5690MHz Straddle 5.725-5.85GHz

05/09/2025

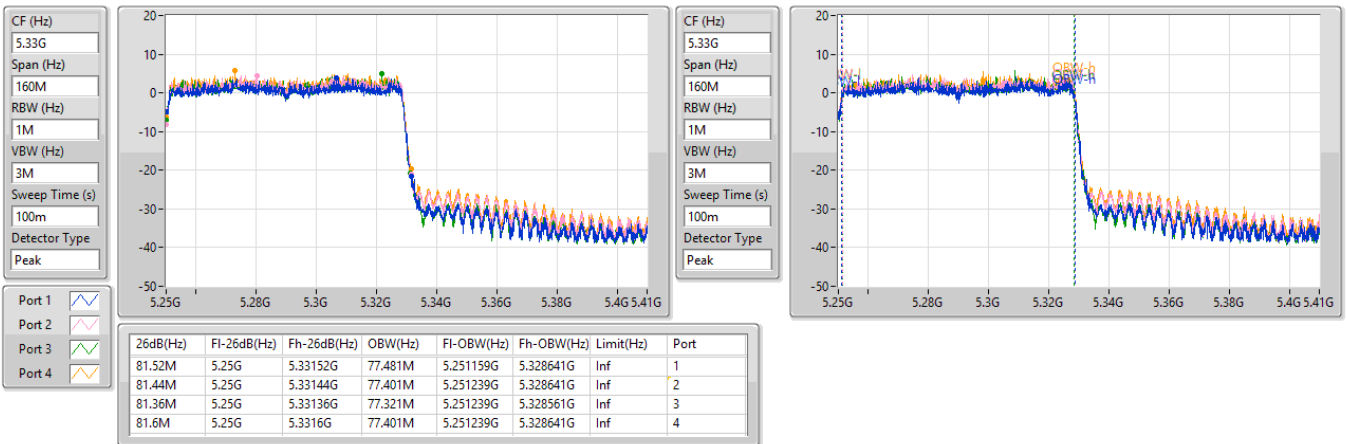


5.15-5.25GHz_802.11be EHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

23/09/2025


5.25-5.35GHz_802.11be EHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/09/2025

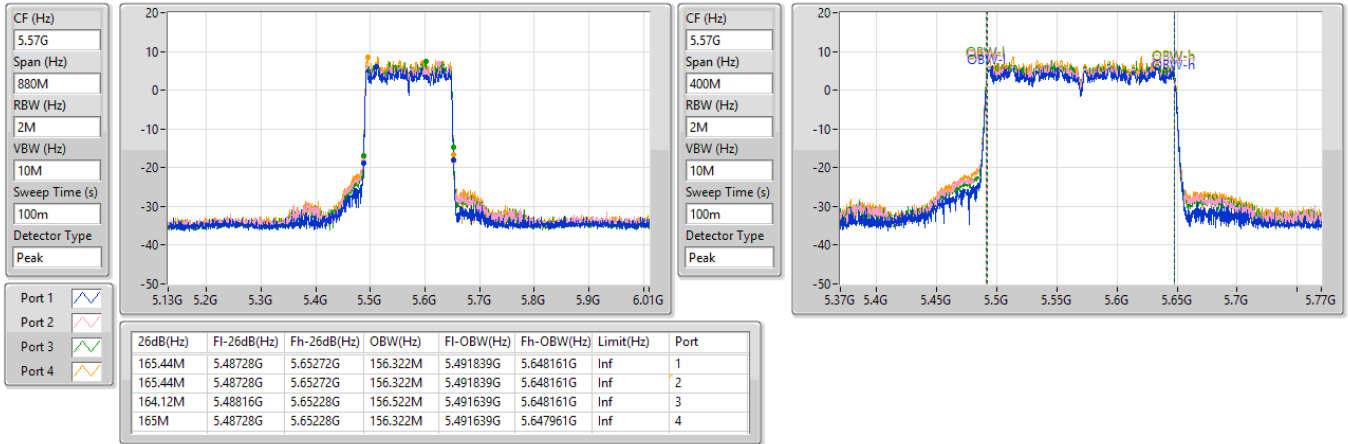


5.47-5.725GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

5570MHz

23/09/2025



Test Mode: Mode 3

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)_1TX	81.68M	77.401M	77M4D1D	81.68M	77.401M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_1TX	82.8M	77.561M	77M6D1D	82.8M	77.561M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

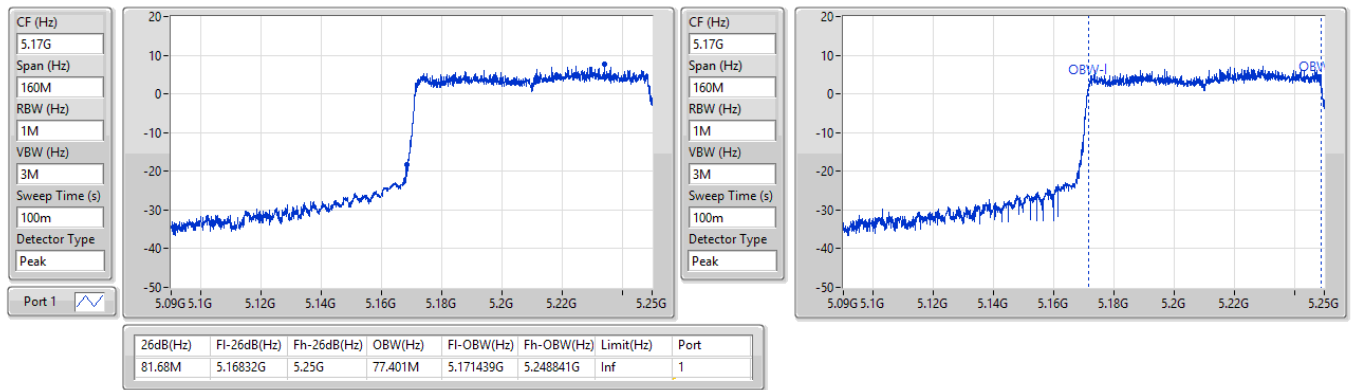
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.68M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	77.561M

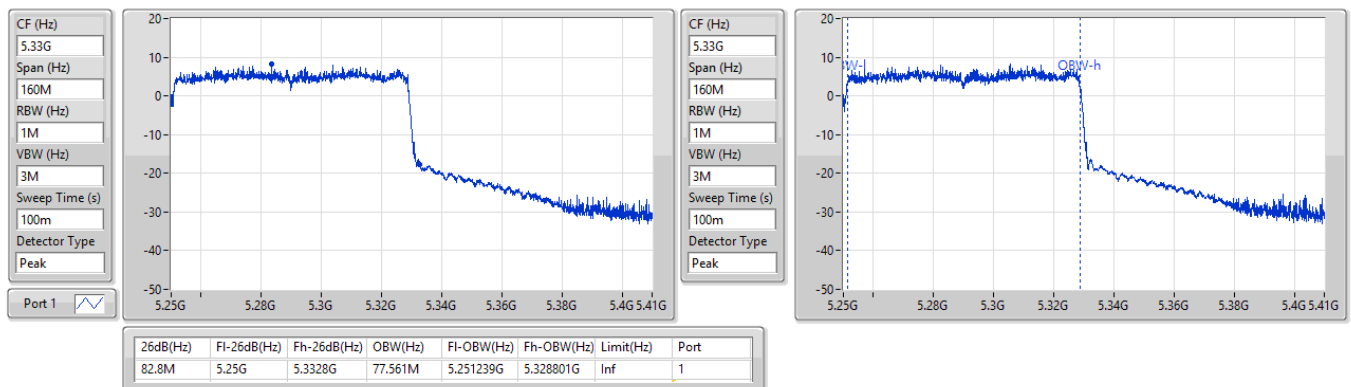
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

23/09/2025


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/09/2025



Test Mode: Mode 4

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_Nss2,(MCS0)_2TX	81.28M	77.561M	77M6D1D	81.04M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT160_Nss2,(MCS0)_2TX	81.52M	77.481M	77M5D1D	81.36M	77.481M

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

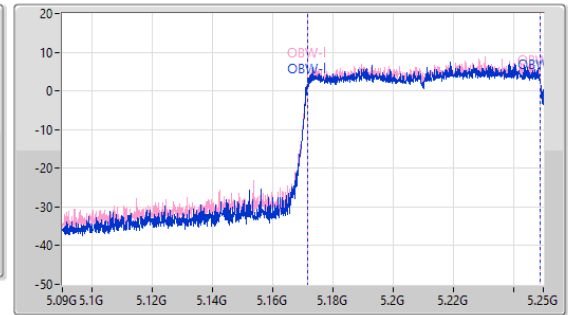
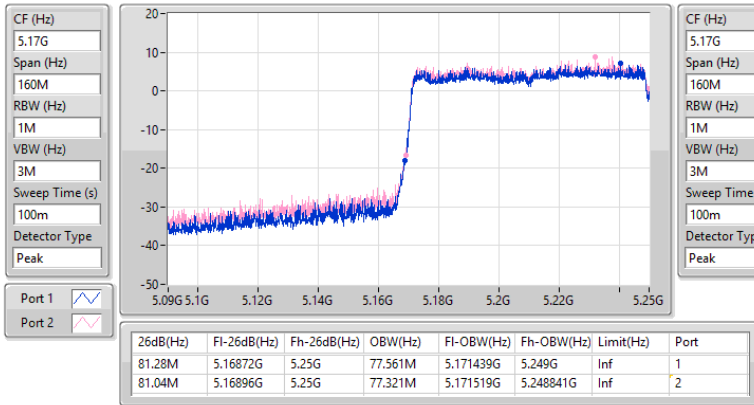
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.561M	81.04M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.52M	77.481M	81.36M	77.481M

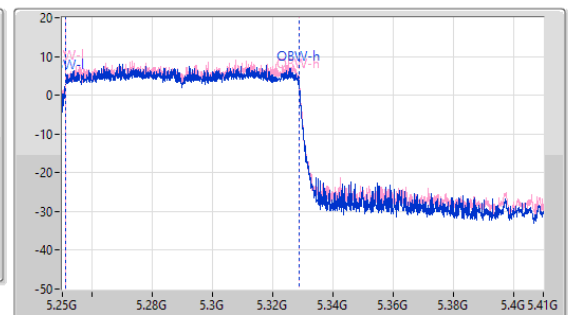
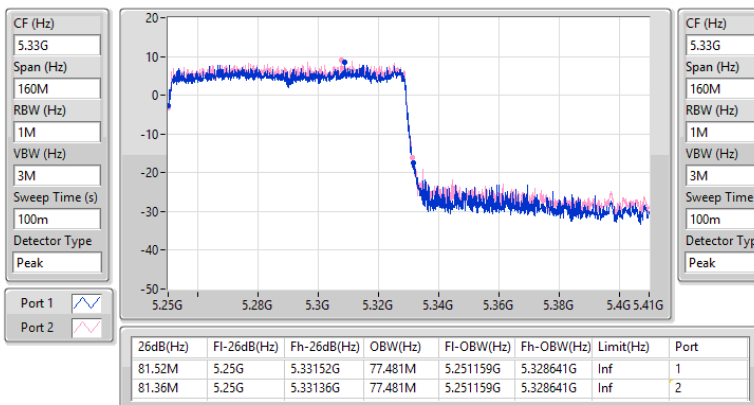
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz 802.11be EHT160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

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5.25-5.35GHz 802.11be EHT160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

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Test Mode: Mode 5

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	81.76M	77.481M	77M5D1D	81.2M	77.321M
802.11be EHT160_Nss4,(MCS0)_4TX	81.68M	77.481M	77M5D1D	81.12M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	82.08M	77.561M	77M6D1D	81.2M	77.401M
802.11be EHT160_Nss4,(MCS0)_4TX	81.6M	77.481M	77M5D1D	81.36M	77.321M

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

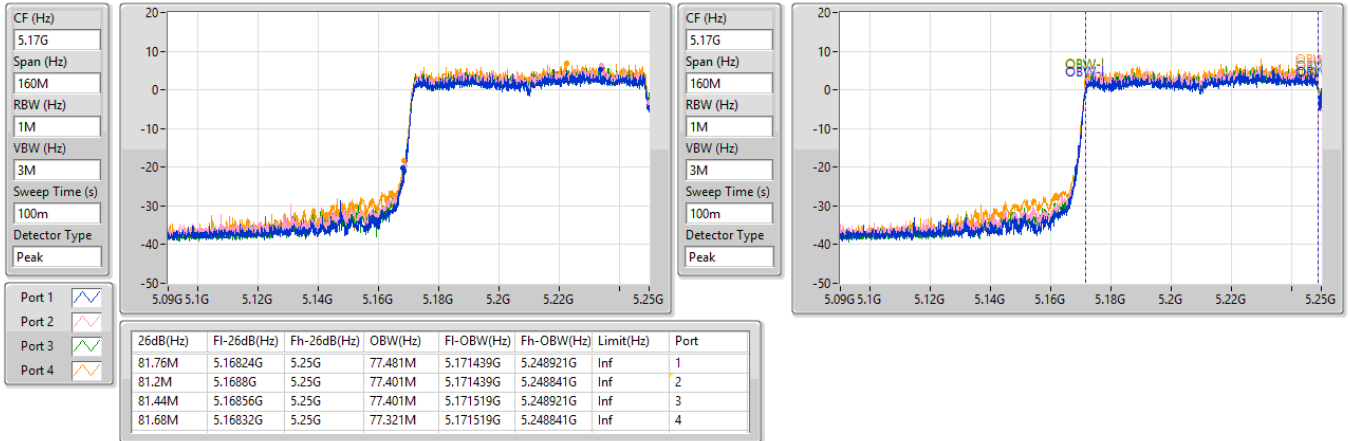
Result

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)
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.76M	77.481M	81.2M	77.401M	81.44M	77.401M	81.68M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.401M	82.08M	77.561M	81.76M	77.401M	81.2M	77.561M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.401M	81.12M	77.481M	81.28M	77.401M	81.68M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.52M	77.481M	81.44M	77.401M	81.36M	77.321M	81.6M	77.401M

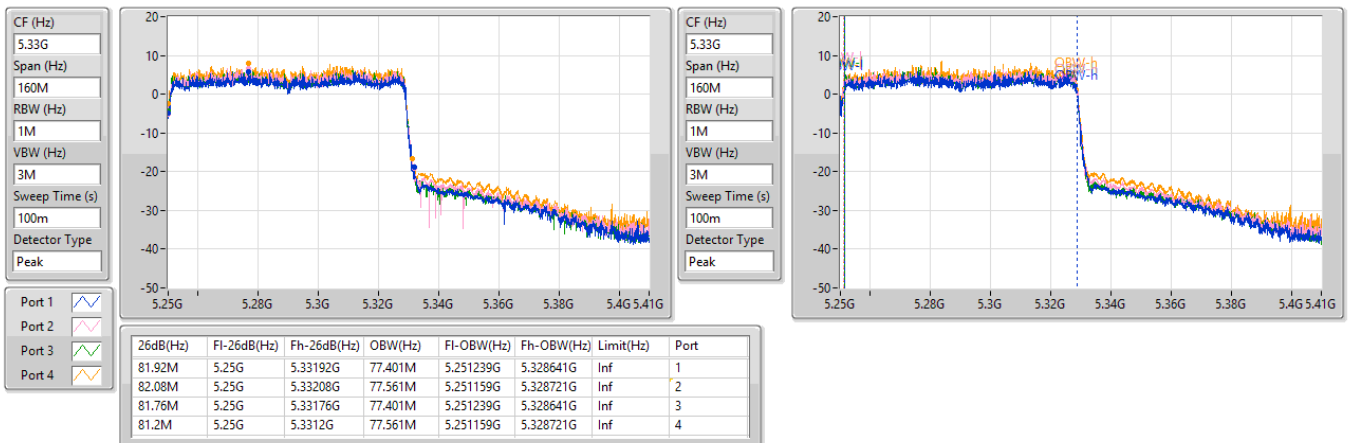
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

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5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/09/2025

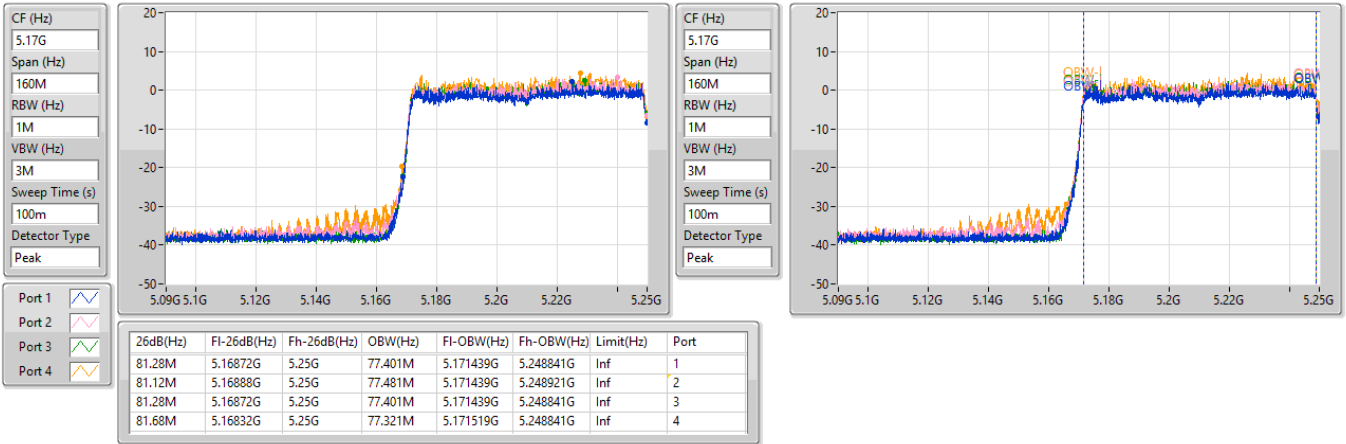


5.15-5.25GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

23/09/2025

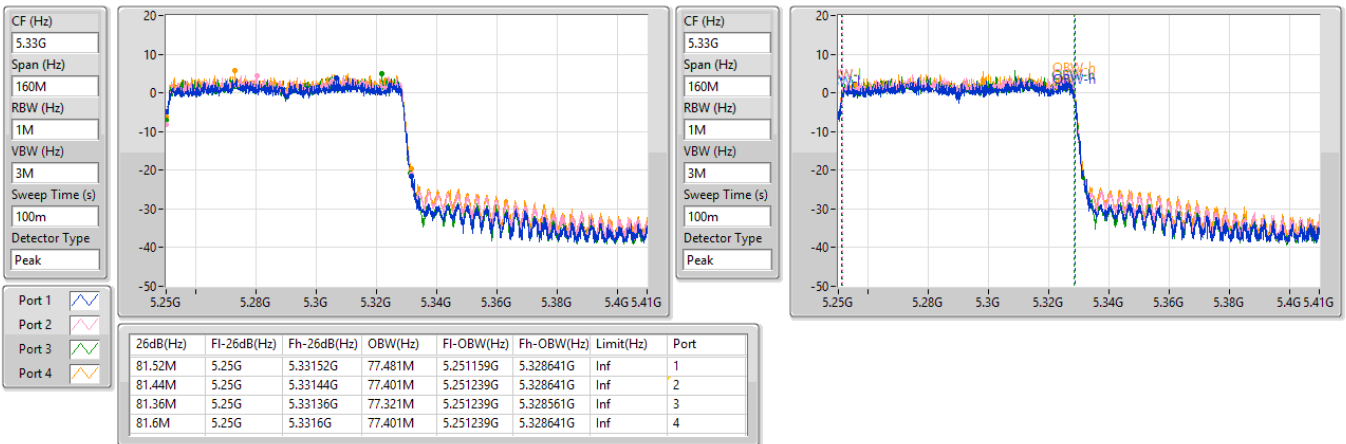


5.25-5.35GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

23/09/2025



Test Mode: Mode 6

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_Nss2,(MCS0)_2TX	79.44M	77.241M	77M2D1D	79.36M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.66M	18.564M	18M6D1D	19.8M	16.424M
802.11be EHT20_Nss2,(MCS0)_2TX	21.45M	19.179M	19M2D1D	20.79M	19.086M
802.11be EHT40_Nss2,(MCS0)_2TX	44M	37.831M	37M8D1D	39.49M	37.529M
802.11be EHT80_Nss2,(MCS0)_2TX	80.3M	77.161M	77M2D1D	80.08M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	79.6M	77.241M	77M2D1D	79.36M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	34.98M	18.592M	18M6D1D	15.045M	13.341M
802.11be EHT20_Nss2,(MCS0)_2TX	22.99M	19.115M	19M1D1D	15.765M	14.433M
802.11be EHT40_Nss2,(MCS0)_2TX	45.76M	37.8M	37M8D1D	34.405M	33.745M
802.11be EHT80_Nss2,(MCS0)_2TX	81.84M	77.061M	77M1D1D	74.7M	73.112M
802.11be EHT160_Nss2,(MCS0)_2TX	159.28M	156.122M	156MD1D	159.28M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.2M	3.943M	3M94D1D	3.08M	3.822M
802.11be EHT20_Nss2,(MCS0)_2TX	4.52M	4.577M	4M58D1D	4.52M	4.507M
802.11be EHT40_Nss2,(MCS0)_2TX	4M	4.193M	4M19D1D	3.98M	4.09M
802.11be EHT80_Nss2,(MCS0)_2TX	3.94M	14.032M	14M0D1D	3.84M	4.238M

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

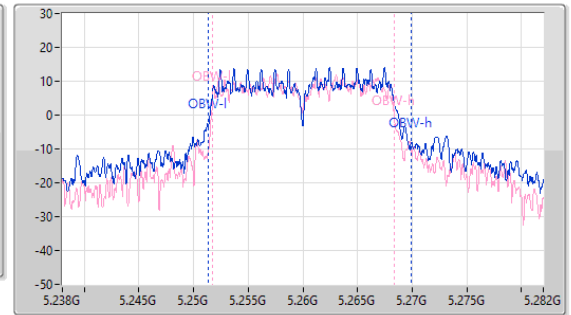
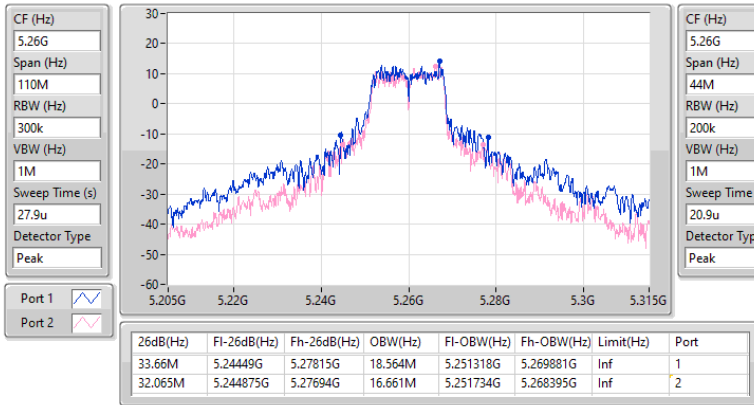
Result

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	33.66M	18.564M	32.065M	16.661M
5300MHz	Pass	Inf	27.445M	16.719M	26.18M	16.641M
5320MHz	Pass	Inf	20.79M	16.512M	19.8M	16.424M
5500MHz	Pass	Inf	20.68M	16.58M	20.515M	16.866M
5580MHz	Pass	Inf	32.505M	18.592M	34.98M	16.871M
5700MHz	Pass	Inf	20.68M	16.47M	18.645M	16.492M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.045M	13.341M	15.21M	13.714M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.822M	3.2M	3.943M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	19.149M	20.9M	19.105M
5300MHz	Pass	Inf	20.79M	19.086M	21.34M	19.09M
5320MHz	Pass	Inf	21.065M	19.179M	20.955M	19.156M
5500MHz	Pass	Inf	22.385M	19.065M	22.99M	18.966M
5580MHz	Pass	Inf	20.845M	19.041M	21.23M	18.986M
5700MHz	Pass	Inf	20.735M	19.115M	21.395M	19.065M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.512M	15.765M	14.433M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.507M	4.52M	4.577M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	43.56M	37.686M	39.49M	37.529M
5310MHz	Pass	Inf	44M	37.831M	41.47M	37.731M
5510MHz	Pass	Inf	45.76M	37.681M	41.25M	37.781M
5550MHz	Pass	Inf	39.27M	37.8M	39.82M	37.702M
5670MHz	Pass	Inf	39.93M	37.581M	39.27M	37.581M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.405M	33.754M	34.51M	33.745M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.193M	4M	4.09M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	80.08M	77.161M	80.3M	77.161M
5530MHz	Pass	Inf	80.52M	76.962M	81.84M	77.061M
5610MHz	Pass	Inf	80.52M	77.027M	80.3M	76.998M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.925M	73.386M	74.7M	73.112M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	14.032M	3.84M	4.238M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.36M	77.081M	79.44M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.6M	77.161M	79.36M	77.241M
5570MHz	Pass	Inf	159.28M	155.922M	159.28M	156.122M

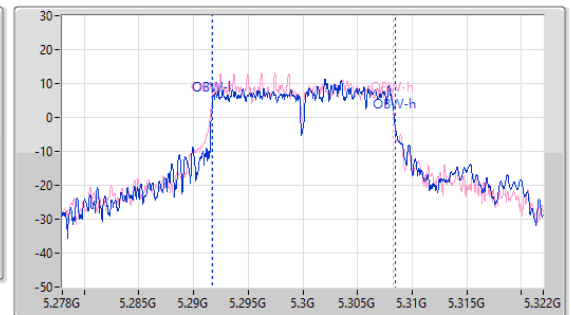
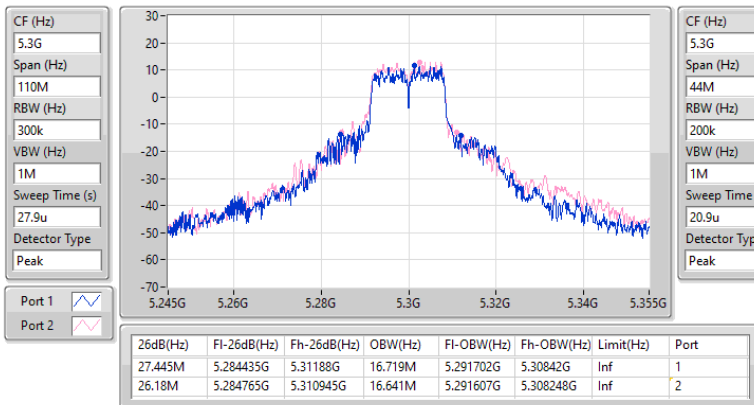
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

04/09/2025

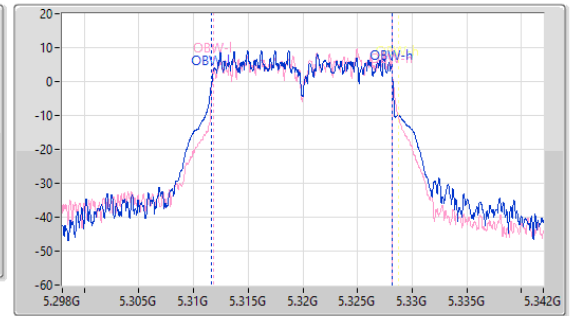
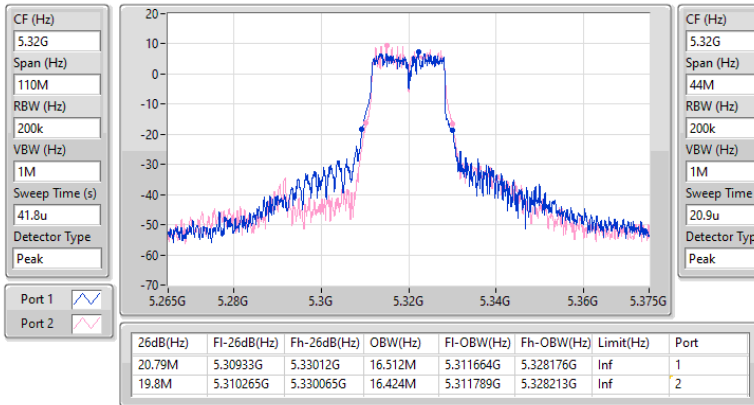

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

04/09/2025

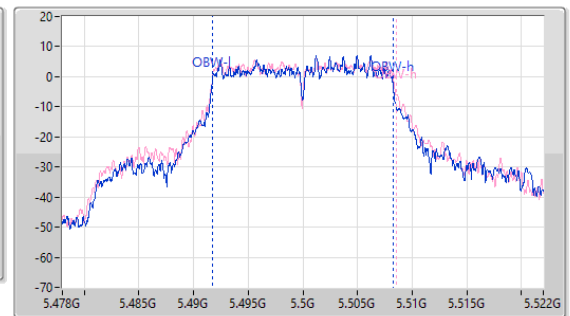
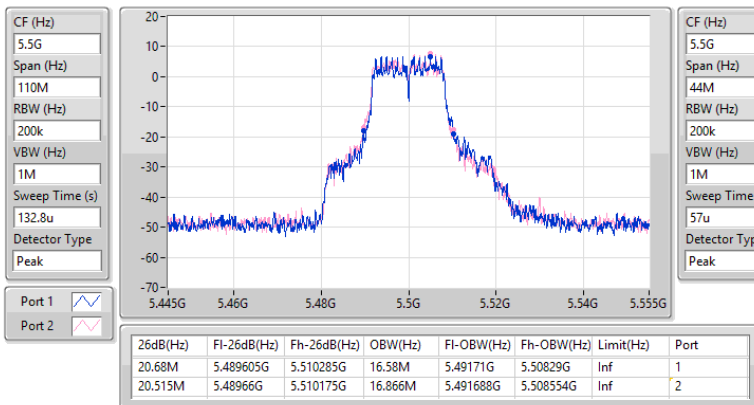


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

04/09/2025

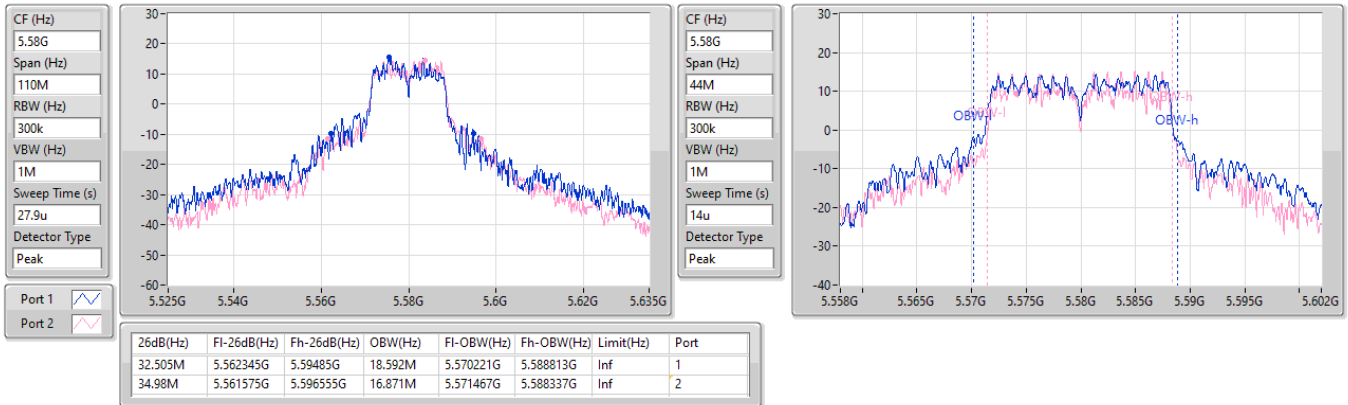

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

20/09/2025

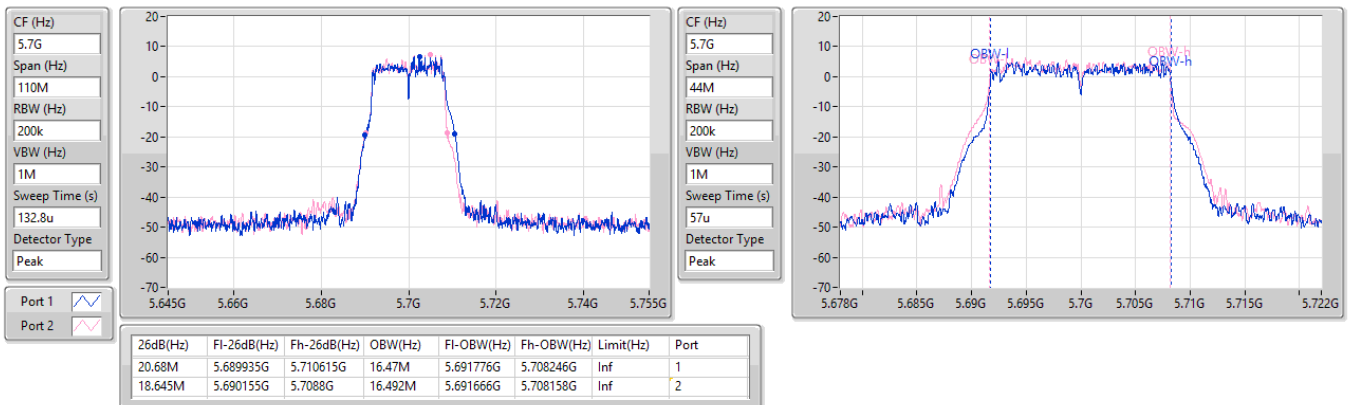


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

04/09/2025

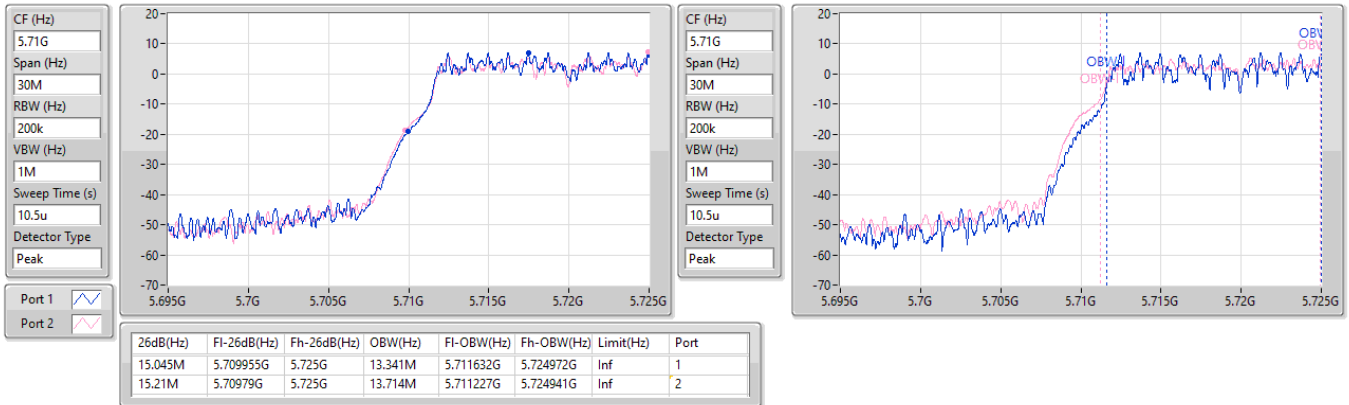

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

20/09/2025

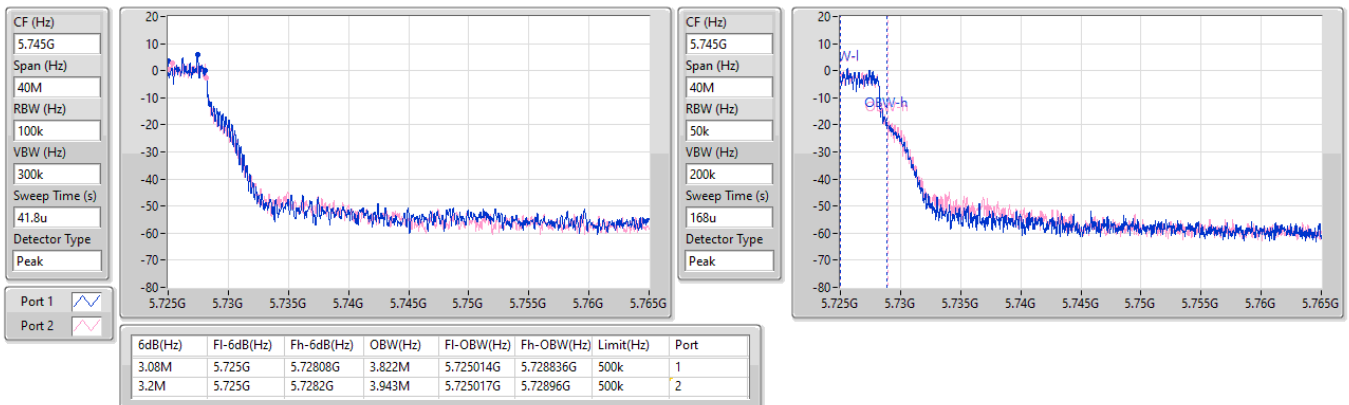


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/09/2025

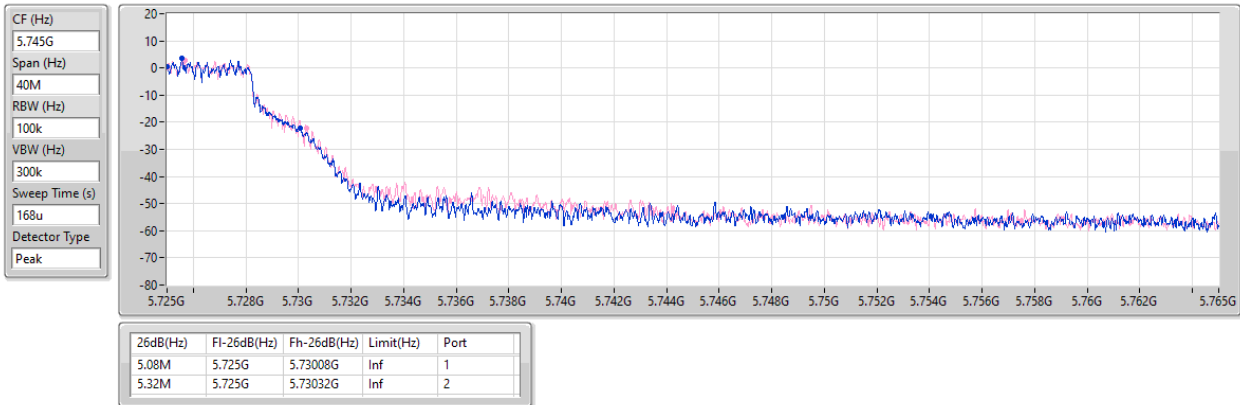

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/09/2025

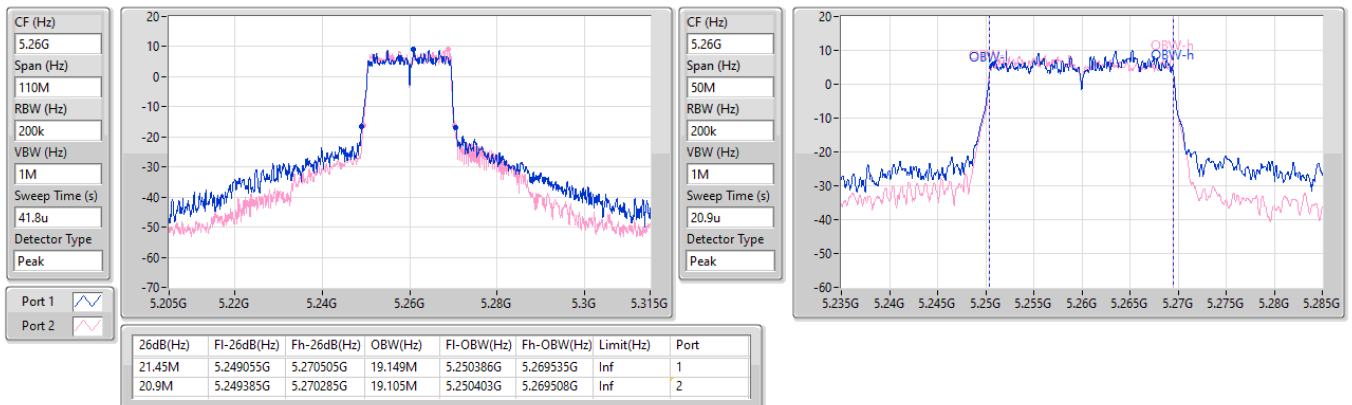


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/09/2025

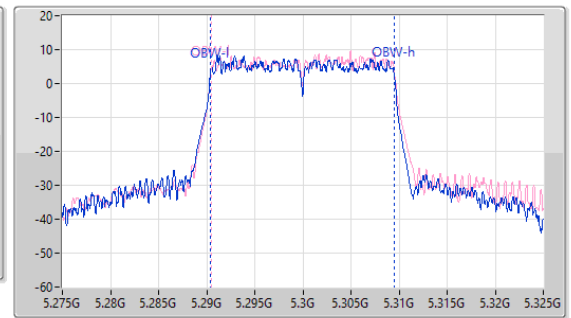
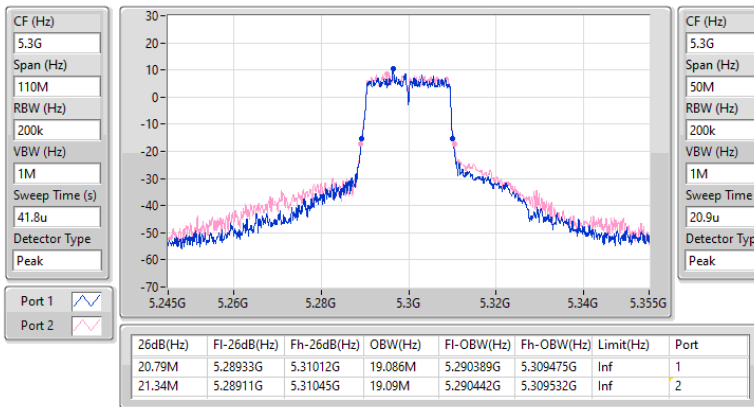

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5260MHz

04/09/2025

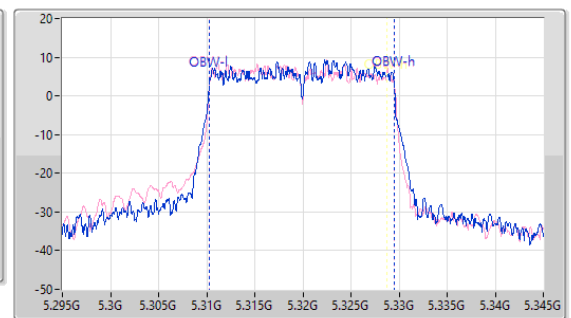
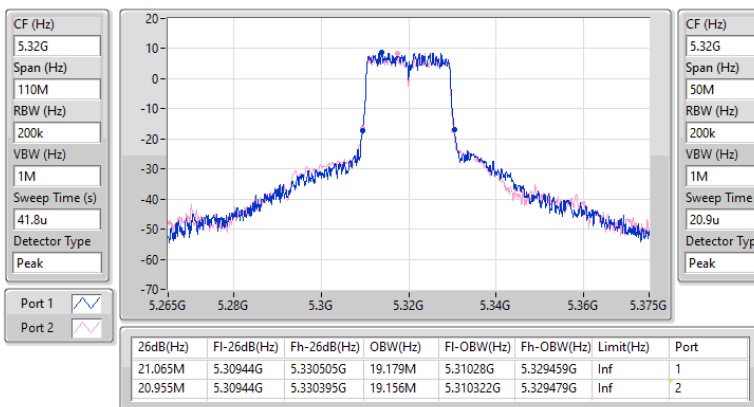


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5300MHz

04/09/2025

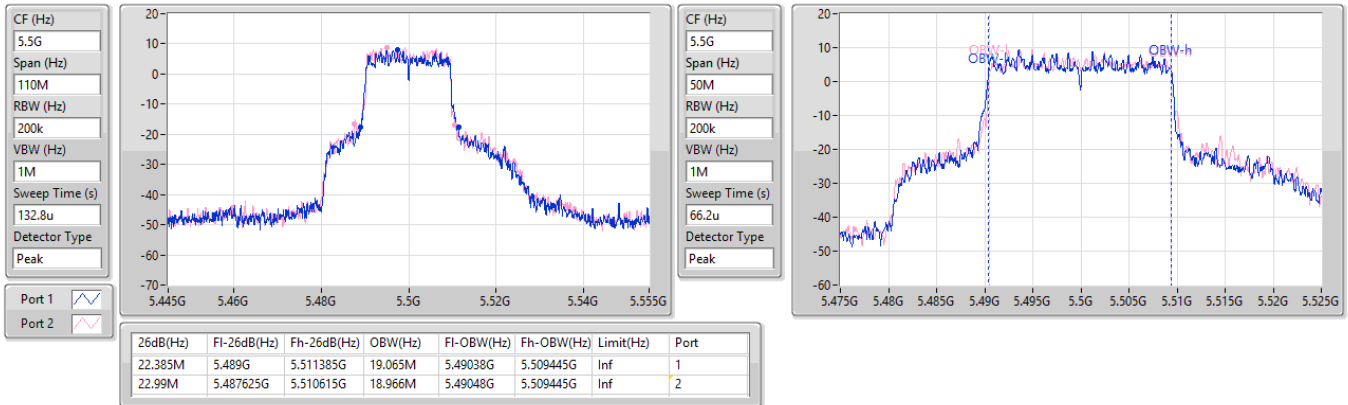

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

04/09/2025

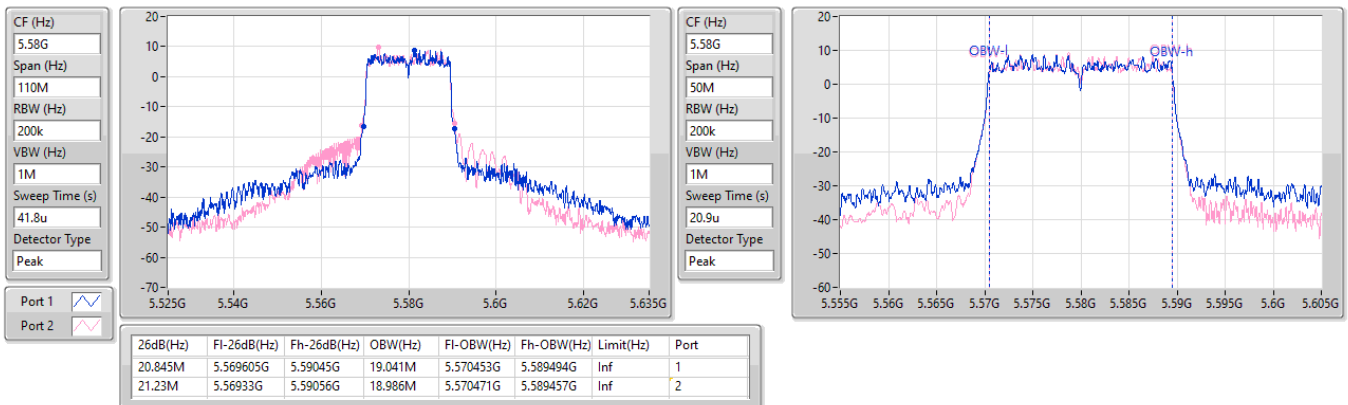


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5500MHz

20/09/2025

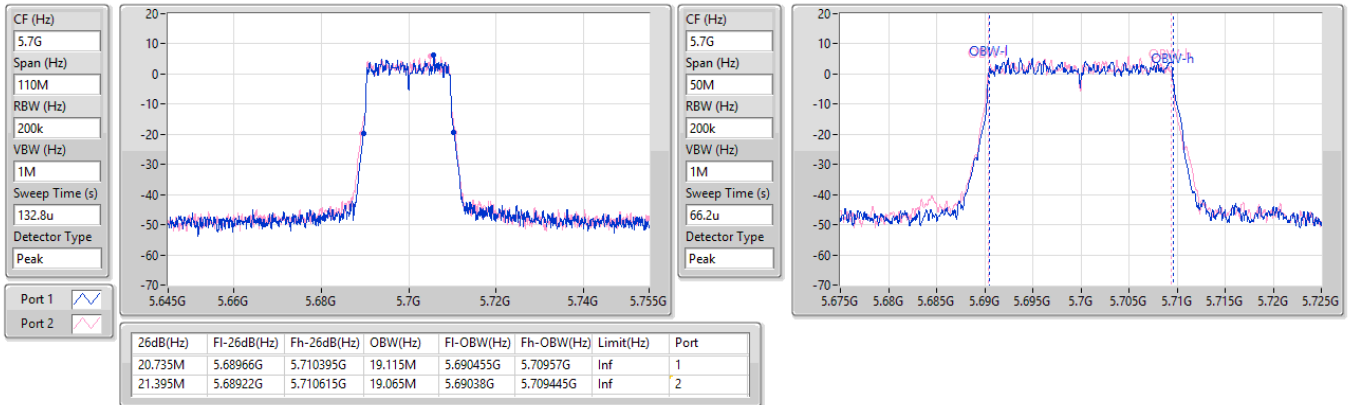

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5580MHz

04/09/2025

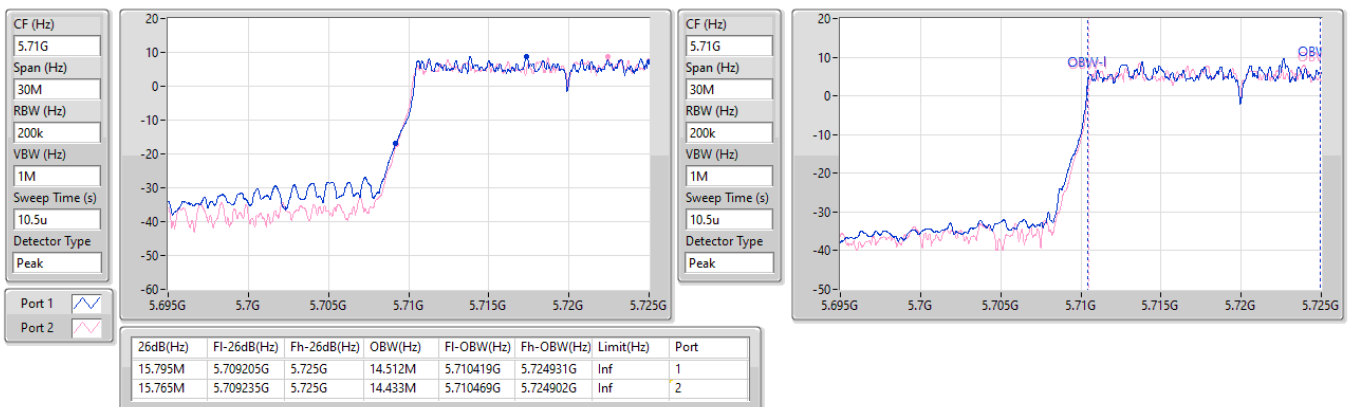


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5700MHz

20/09/2025


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/09/2025

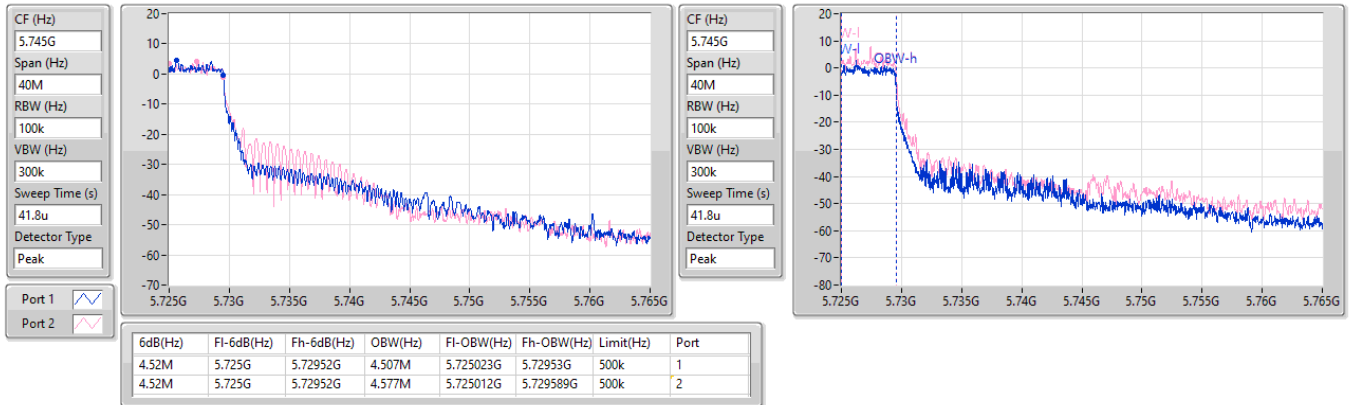


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/09/2025

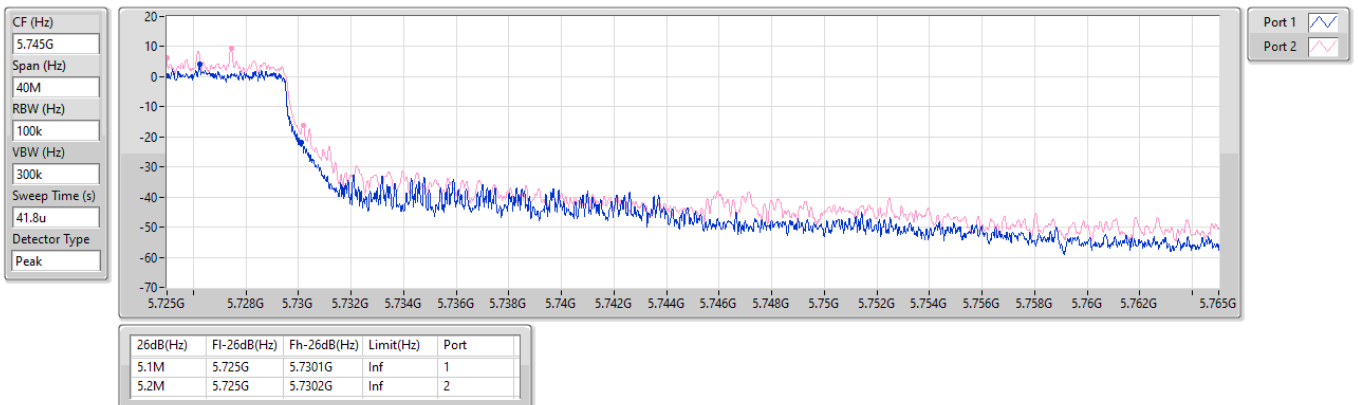


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/09/2025

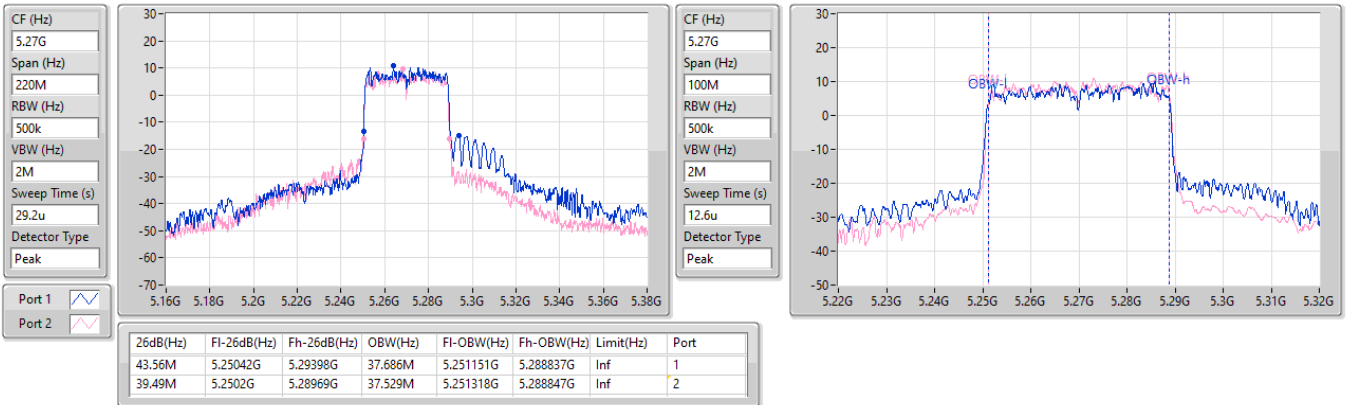


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

04/09/2025

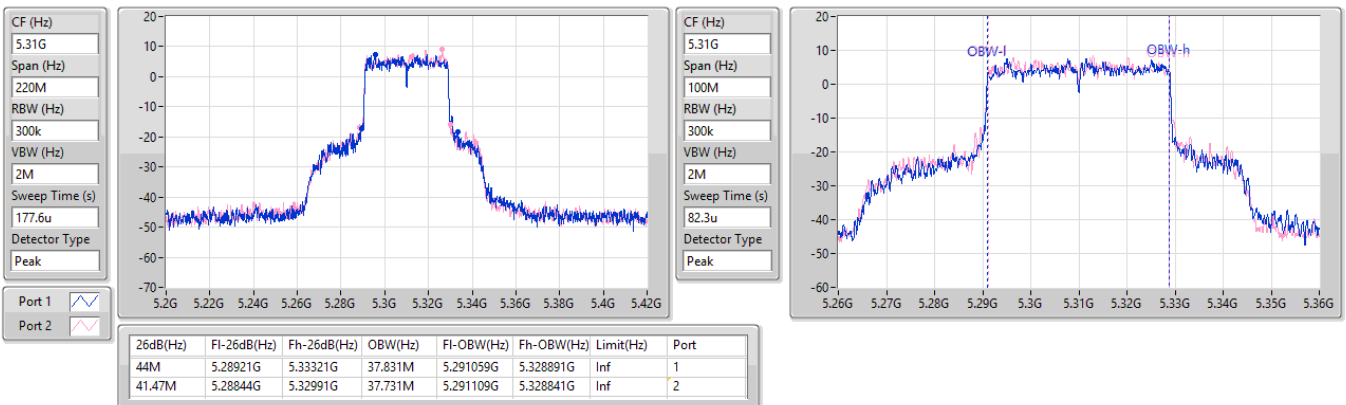


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

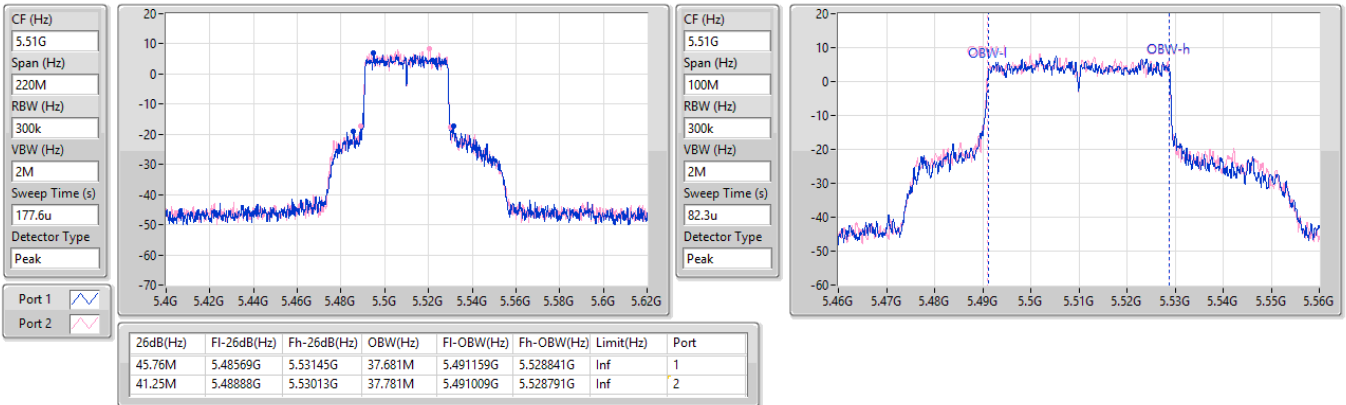
5310MHz

20/09/2025

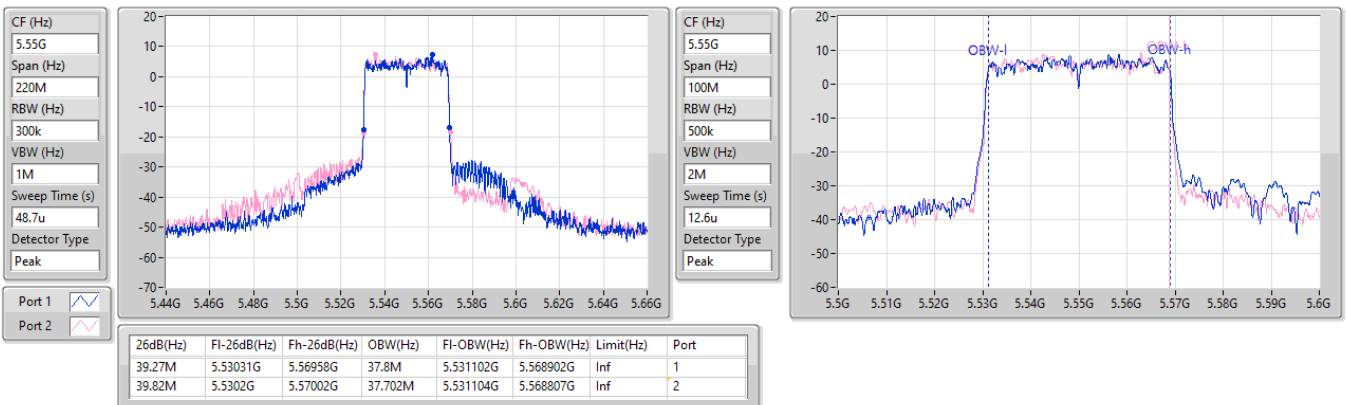


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5510MHz

20/09/2025

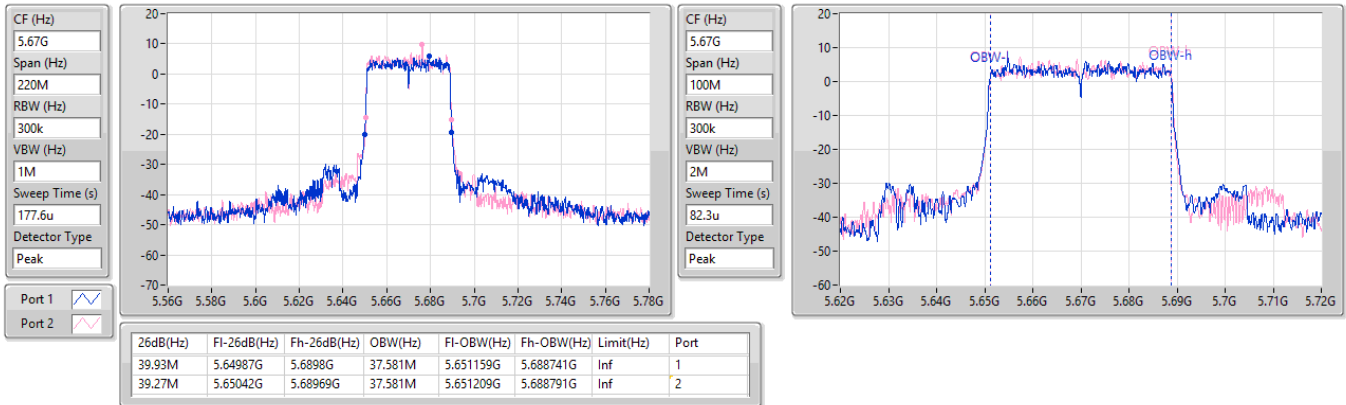

5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5550MHz

04/09/2025

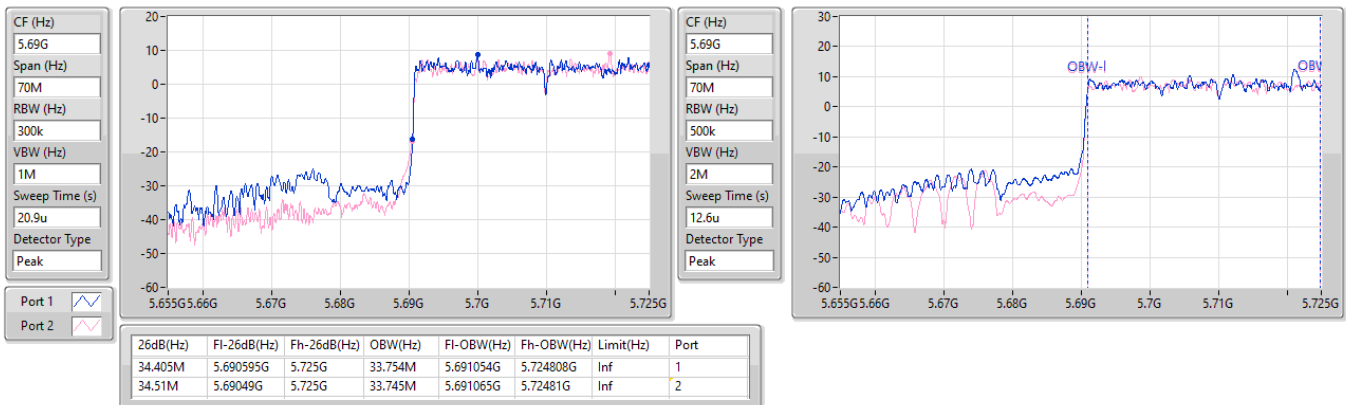


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5670MHz

20/09/2025


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/09/2025

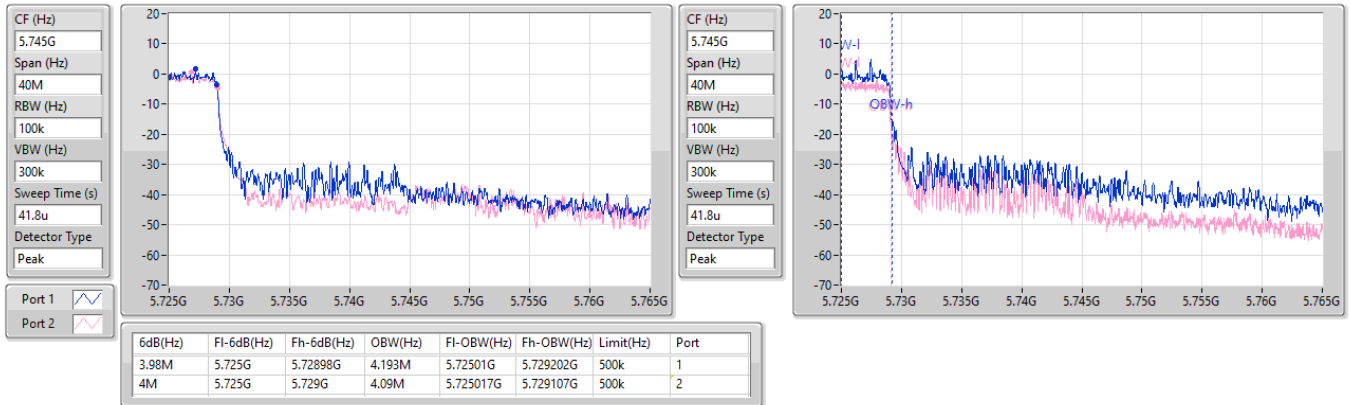


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

04/09/2025



5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

04/09/2025

