

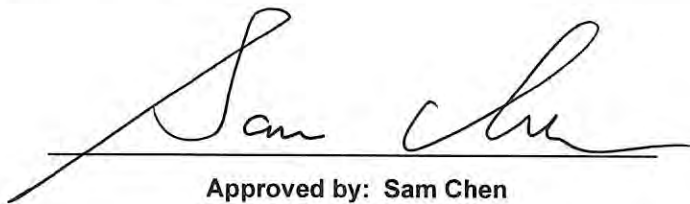


RADIO TEST REPORT

FCC ID : QXO-AP5060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5060D
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. 10, 2025, and testing was started from Aug. 15, 2025 and completed on Oct. 30, 2025. 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 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

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Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	28
1.3 Testing Location Information	28
1.4 Measurement Uncertainty	29
2 Test Configuration of EUT	30
2.1 Test Channel Mode	30
2.2 The Worst Case Measurement Configuration	50
2.3 EUT Operation during Test	57
2.4 Accessories	57
2.5 Support Equipment.....	58
2.6 Test Setup Diagram	59
3 Transmitter Test Result	61
3.1 AC Power-line Conducted Emissions	61
3.2 Emission Bandwidth	63
3.3 Maximum Output Power	64
3.4 Power Spectral Density	67
3.5 Unwanted Emissions.....	70
4 Test Equipment and Calibration Data	74
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Output Power	
Appendix D. Test Results of Power Spectral Density	
Appendix E. Test Results of Unwanted Emissions	
Appendix F. Test Photos	
Photographs of EUT v01	



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
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	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: Cathy Chiu**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5470-5725	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80), be (EHT80)	5210	42 [1]
5725-5850		5775	155 [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

**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
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
	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
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

Note:

- ♦ 11a, HT20, HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.


1.1.2 Antenna Information

Set	Ant.	Port							Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
		WLAN 2.4GHz (Radio 1)	WLAN 5GHz, 6GHz (Radio 1)	WLAN 5GHz (Radio 2)	WLAN 6GHz (Radio 3)	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)	Bluetooth / IEEE802.15.4 (Radio 5)	GPS (Radio 6)					
1	1	-	1	-	-	-	-	-	WNC	95XPAM15.G25	Patch	I-PEX	Note 1
	2	-	2	-	-	-	-	-	WNC	95XPAM15.G26	Patch	I-PEX	
	3	-	3	-	-	-	-	-	WNC	95XPAM15.G27	Patch	I-PEX	
	4	-	4	-	-	-	-	-	WNC	95XPAM15.G28	Patch	I-PEX	
2	5	-	1	-	-	-	-	-	WNC	95XPAM15.G29	Patch	I-PEX	
	6	-	2	-	-	-	-	-	WNC	95XPAM15.G29	Patch	I-PEX	
	7	-	3	-	-	-	-	-	WNC	95XPAM15.G29	Patch	I-PEX	
	8	-	4	-	-	-	-	-	WNC	95XPAM15.G29	Patch	I-PEX	
3	9	1	-	-	-	-	-	-	WNC	95XPAM15.G19	Patch	I-PEX	
	10	2	-	-	-	-	-	-	WNC	95XPAM15.G19	Patch	I-PEX	
	11	3	-	-	-	-	-	-	WNC	95XPAM15.G20	Patch	I-PEX	
	12	4	-	-	-	-	-	-	WNC	95XPAM15.G20	Patch	I-PEX	
4	13	-	-	1	-	-	-	-	WNC	95XPAM15.G23	Patch	I-PEX	
	14	-	-	2	-	-	-	-	WNC	95XPAM15.G23	Patch	I-PEX	
	15	-	-	3	-	-	-	-	WNC	95XPAM15.G23	Patch	I-PEX	
	16	-	-	4	-	-	-	-	WNC	95XPAM15.G23	Patch	I-PEX	
5	17	-	-	1	-	-	-	-	WNC	95XPAM15.G21	Patch	I-PEX	
	18	-	-	2	-	-	-	-	WNC	95XPAM15.G21	Patch	I-PEX	
	19	-	-	3	-	-	-	-	WNC	95XPAM15.G22	Patch	I-PEX	
	20	-	-	4	-	-	-	-	WNC	95XPAM15.G22	Patch	I-PEX	
6	21	-	-	-	1	-	-	-	WNC	95XPAM15.G33	Patch	I-PEX	
	22	-	-	-	2	-	-	-	WNC	95XPAM15.G33	Patch	I-PEX	
	23	-	-	-	3	-	-	-	WNC	95XPAM15.G34	Patch	I-PEX	
	24	-	-	-	4	-	-	-	WNC	95XPAM15.G34	Patch	I-PEX	
7	25	-	-	-	1	-	-	-	WNC	95XPAM15.G31	Patch	I-PEX	
	26	-	-	-	2	-	-	-	WNC	95XPAM15.G31	Patch	I-PEX	
	27	-	-	-	3	-	-	-	WNC	95XPAM15.G32	Patch	I-PEX	
	28	-	-	-	4	-	-	-	WNC	95XPAM15.G32	Patch	I-PEX	



8	29	-	-	-	-	1	-	-	WNC	95XPAM15.G35	Dipole	I-PEX	Note 1
	30	-	-	-	-	2	-	-	WNC	95XPAM15.G36	Dipole	I-PEX	
9	31	-	-	-	-	-	2	-	WNC	95XPAM15.G37	Metal PIFA	I-PEX	
	32	-	-	-	-	-	3	-	WNC	95XPAM15.G38	Metal PIFA	I-PEX	
	33	-	-	-	-	-	1	-	WNC	95XPAM15.G39	Metal PIFA	I-PEX	
10	34	-	-	-	-	-	-	1	WNC	95XPAM15.G40	Metal PIFA	I-PEX	

Note 1:

Set	Ant.	Antenna Gain (dBi)									
		WLAN 2.4GHz (Radio 1)	WLAN 5GHz, 6GHz (Radio 1)		WLAN 5GHz (Radio 2)	WLAN 6GHz (Radio 3)	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)			Bluetooth / IEEE802.15.4 (Radio 5)	GPS (Radio 6)
			UNII 1~3	UNII 5~8	UNII 1~3	UNII 5~8	2.4GHz	UNII 1~3	UNII 5~8		
1	1	-	6.4	7.4	-	-	-	-	-	-	-
	2	-	7.3	7.5	-	-	-	-	-	-	-
	3	-	6.1	6.3	-	-	-	-	-	-	-
	4	-	7.7	6.8	-	-	-	-	-	-	-
2	5	-	10.6	10.9	-	-	-	-	-	-	-
	6	-	10.3	10.8	-	-	-	-	-	-	-
	7	-	10.4	10.8	-	-	-	-	-	-	-
	8	-	10.8	11	-	-	-	-	-	-	-
3	9	6.8	-	-	-	-	-	-	-	-	-
	10	7.3	-	-	-	-	-	-	-	-	-
	11	7.0	-	-	-	-	-	-	-	-	-
	12	7.9	-	-	-	-	-	-	-	-	-
4	13	-	-	-	10.1	-	-	-	-	-	-
	14	-	-	-	10.1	-	-	-	-	-	-
	15	-	-	-	10.2	-	-	-	-	-	-
	16	-	-	-	10.1	-	-	-	-	-	-
5	17	-	-	-	7.4	-	-	-	-	-	-
	18	-	-	-	7.6	-	-	-	-	-	-
	19	-	-	-	7.0	-	-	-	-	-	-
	20	-	-	-	7.5	-	-	-	-	-	-
6	21	-	-	-	-	11.1	-	-	-	-	-
	22	-	-	-	-	10.4	-	-	-	-	-
	23	-	-	-	-	10.6	-	-	-	-	-
	24	-	-	-	-	10.4	-	-	-	-	-
7	25	-	-	-	-	6.1	-	-	-	-	-
	26	-	-	-	-	5.6	-	-	-	-	-
	27	-	-	-	-	5.5	-	-	-	-	-
	28	-	-	-	-	5.4	-	-	-	-	-
8	29	-	-	-	-	-	8.2	7.6	8.8	-	-
	30	-	-	-	-	-	6.2	8.1	8.7	-	-
9	31	-	-	-	-	-	-	-	-	4.8	-
	32	-	-	-	-	-	-	-	-	3.3	-
	33	-	-	-	-	-	-	-	-	5.3	-
10	34	-	-	-	-	-	-	-	-	-	3.4



Set	Ant.	Cable loss (dB)				
		WLAN 2.4GHz (Radio 1)	WLAN 5GHz, 6GHz (Radio 1)		WLAN 5GHz (Radio 2)	WLAN 6GHz (Radio 3)
			UNII 1-3	UNII 5-8	UNII 1-3	UNII 5-8
1	1	-	2.94	2.94	-	-
	2	-	2.94	2.94	-	-
	3	-	2.94	2.94	-	-
	4	-	2.94	2.94	-	-
2	5	-	3.02	3.02	-	-
	6	-	3.02	3.02	-	-
	7	-	3.02	3.02	-	-
	8	-	3.02	3.02	-	-
3	9	1.83	-	-	-	-
	10	1.83	-	-	-	-
	11	1.83	-	-	-	-
	12	1.83	-	-	-	-
4	13	-	-	-	3.95	-
	14	-	-	-	3.95	-
	15	-	-	-	3.95	-
	16	-	-	-	3.95	-
5	17	-	-	-	3.84	-
	18	-	-	-	3.84	-
	19	-	-	-	3.84	-
	20	-	-	-	3.84	-
6	21	-	-	-	-	3.91
	22	-	-	-	-	3.91
	23	-	-	-	-	3.91
	24	-	-	-	-	3.91
7	25	-	-	-	-	4.13
	26	-	-	-	-	4.13
	27	-	-	-	-	4.13
	28	-	-	-	-	4.13
8	29	-	-	-	-	-
	30	-	-	-	-	-
9	31	-	-	-	-	-
	32	-	-	-	-	-
	33	-	-	-	-	-
10	34	-	-	-	-	-



Set	Ant.	Net Gain (dBi)									
		WLAN 2.4GHz (Radio 1)	WLAN 5GHz, 6GHz (Radio 1)		WLAN 5GHz (Radio 2)	WLAN 6GHz (Radio 3)	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)			Bluetooth / IEEE802.15.4 (Radio 5)	GPS (Radio 6)
			UNII 1~3	UNII 5~8	UNII 1~3	UNII 5~8	2.4GHz	UNII 1~3	UNII 5~8		
1	1	-	3.46	4.46	-	-	-	-	-	-	-
	2	-	4.36	4.56	-	-	-	-	-	-	-
	3	-	3.16	3.36	-	-	-	-	-	-	-
	4	-	4.76	3.86	-	-	-	-	-	-	-
2	5	-	7.58	7.88	-	-	-	-	-	-	-
	6	-	7.28	7.78	-	-	-	-	-	-	-
	7	-	7.38	7.78	-	-	-	-	-	-	-
	8	-	7.78	7.98	-	-	-	-	-	-	-
3	9	4.97	-	-	-	-	-	-	-	-	-
	10	5.47	-	-	-	-	-	-	-	-	-
	11	5.17	-	-	-	-	-	-	-	-	-
	12	6.07	-	-	-	-	-	-	-	-	-
4	13	-	-	-	6.15	-	-	-	-	-	-
	14	-	-	-	6.15	-	-	-	-	-	-
	15	-	-	-	6.25	-	-	-	-	-	-
	16	-	-	-	6.15	-	-	-	-	-	-
5	17	-	-	-	3.56	-	-	-	-	-	-
	18	-	-	-	3.76	-	-	-	-	-	-
	19	-	-	-	3.16	-	-	-	-	-	-
	20	-	-	-	3.66	-	-	-	-	-	-
6	21	-	-	-	-	7.19	-	-	-	-	-
	22	-	-	-	-	6.49	-	-	-	-	-
	23	-	-	-	-	6.69	-	-	-	-	-
	24	-	-	-	-	6.49	-	-	-	-	-
7	25	-	-	-	-	1.97	-	-	-	-	-
	26	-	-	-	-	1.47	-	-	-	-	-
	27	-	-	-	-	1.37	-	-	-	-	-
	28	-	-	-	-	1.27	-	-	-	-	-
8	29	-	-	-	-	-	8.2	7.6	8.8	-	-
	30	-	-	-	-	-	6.2	8.1	8.7	-	-
9	31	-	-	-	-	-	-	-	-	4.8	-
	32	-	-	-	-	-	-	-	-	3.3	-
	33	-	-	-	-	-	-	-	-	5.3	-
10	34	-	-	-	-	-	-	-	-	-	3.4

Note 2: The EUT has ten sets of antennas.

Note 3:

The antenna sets 1, 3, 5, 7, 8 are used for Wide Beam: 70 degree.

The antenna sets 2, 4, 6 are used for Narrow Beam: 20 degree.

Note 4: Only the highest gain antenna was selected to test and record in this report. Thus, Ant. 33 was selected to perform the test for Radio 5_Bluetooth / IEEE802.15.4.

Note 5: The 5GHz UNII 2A, 2C, and 6GHz UNII 6, 8 are not enabled for Radio 1, 2, 3, and Scanning Radio 4 at this time.

Note 6: The above information was declared by manufacturer.

Note 7: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left[\sum_{k=1}^{N_{ANT}} g_{j,k} \right]^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

Radio 1

2.4G

G1= 4.97 dBi ; G2= 5.47 dBi ; G3= 5.17 dBi ; G4= 6.07 dBi ;

2T1S DG= 8.23dBi; 2T2S DG= 5.23dBi; 4T1S DG= 11.45dBi; 4T4S DG= 5.44dBi;

Narrow (20°)

5G UNII-1

G1= 7.58 dBi ; G2= 7.28 dBi ; G3= 7.38 dBi ; G4= 7.78 dBi ;

2T1S DG= 10.44dBi; 2T2S DG= 7.43dBi; 4T1S DG= 13.53dBi; 4T4S DG= 7.51dBi;

5G UNII-2A

G1= 7.58 dBi ; G2= 7.28 dBi ; G3= 7.38 dBi ; G4= 7.78 dBi ;

2T1S DG= 10.44dBi; 2T2S DG= 7.43dBi; 4T1S DG= 13.53dBi; 4T4S DG= 7.51dBi;

Wide (70°)

5G UNII-1 G1= 3.46 dBi ; G2= 4.36 dBi ; G3= 3.16 dBi ; G4= 4.76 dBi ;

2T1S DG= 6.93dBi; 2T2S DG= 3.93dBi; 4T1S DG= 9.98dBi; 4T4S DG= 3.98dBi;

5G UNII-2A G1= 3.46 dBi ; G2= 4.36 dBi ; G3= 3.16 dBi ; G4= 4.76 dBi ;

2T1S DG= 6.93dBi; 2T2S DG= 3.93dBi; 4T1S DG= 9.98dBi; 4T4S DG= 3.98dBi;

**Narrow (20°)**

6G UNII-7 G1= 7.88 dBi ; G2= 7.78 dBi ; G3= 7.78 dBi ; G4= 7.98 dBi ;
2T1S DG= 10.84dBi; 2T2S DG= 7.83dBi; 4T1S DG= 13.88dBi; 4T4S DG= 7.86dBi

6G UNII-8 G1= 7.88 dBi ; G2= 7.78 dBi ; G3= 7.78 dBi ; G4= 7.98 dBi ;
2T1S DG= 10.84dBi; 2T2S DG= 7.83dBi; 4T1S DG= 13.88dBi; 4T4S DG= 7.86dBi

Wide(70°)

6G UNII-7 G1= 4.46 dBi ; G2= 4.56 dBi ; G3= 3.36 dBi ; G4= 3.86 dBi ;
2T1S DG= 7.52dBi; 2T2S DG= 4.51dBi; 4T1S DG= 10.09dBi; 4T4S DG= 4.09dBi

6G UNII-8 G1= 4.46 dBi ; G2= 4.56 dBi ; G3= 3.36 dBi ; G4= 3.86 dBi ;
2T1S DG= 7.52dBi; 2T2S DG= 4.51dBi; 4T1S DG= 10.09dBi; 4T4S DG= 4.09dBi

Radio 2**Narrow (20°)****5G UNII-1**

G1= 6.15 dBi ; G2= 6.15 dBi ; G3= 6.25 dBi ; G4= 6.15 dBi ;
2T1S DG= 9.16dBi; 2T2S DG= 6.15dBi; 4T1S DG= 12.20dBi; 4T4S DG= 6.18dBi;

5G UNII-2A

G1= 6.15 dBi ; G2= 6.15 dBi ; G3= 6.25 dBi ; G4= 6.15 dBi ;
2T1S DG= 9.16dBi; 2T2S DG= 6.15dBi; 4T1S DG= 12.20dBi; 4T4S DG= 6.18dBi;

5G UNII-2C

G1= 6.15 dBi ; G2= 6.15 dBi ; G3= 6.25 dBi ; G4= 6.15 dBi ;
2T1S DG= 9.16dBi; 2T2S DG= 6.15dBi; 4T1S DG= 12.20dBi; 4T4S DG= 6.18dBi;

5G UNII-3

G1= 6.15 dBi ; G2= 6.15 dBi ; G3= 6.25 dBi ; G4= 6.15 dBi ;
2T1S DG= 9.16dBi; 2T2S DG= 6.15dBi; 4T1S DG= 12.20dBi; 4T4S DG= 6.18dBi;

Wide (70°)**5G UNII-1**

G1= 3.56 dBi ; G2= 3.76 dBi ; G3= 3.16 dBi ; G4= 3.66 dBi
2T1S DG= 6.67dBi; 2T2S DG= 3.66dBi; 4T1S DG= 9.56dBi; 4T4S DG= 3.54dBi;

**5G UNII-2A**

G1= 3.56 dBi ; G2= 3.76 dBi ; G3= 3.16 dBi ; G4= 3.66 dBi

2T1S DG= 6.67dBi; 2T2S DG= 3.66dBi; 4T1S DG= 9.56dBi; 4T4S DG= 3.54dBi;

5G UNII-2C

G1= 3.56 dBi ; G2= 3.76 dBi ; G3= 3.16 dBi ; G4= 3.66 dBi

2T1S DG= 6.67dBi; 2T2S DG= 3.66dBi; 4T1S DG= 9.56dBi; 4T4S DG= 3.54dBi;

5G UNII-3

G1= 3.56 dBi ; G2= 3.76 dBi ; G3= 3.16 dBi ; G4= 3.66 dBi

2T1S DG= 6.67dBi; 2T2S DG= 3.66dBi; 4T1S DG= 9.56dBi; 4T4S DG= 3.54dBi;

Radio3**Narrow (20°)**

6G UNII-5 G1= 7.19 dBi ; G2= 6.49 dBi ; G3= 6.69 dBi ; G4= 6.49 dBi ;

2T1S DG= 9.86dBi; 2T2S DG= 6.85dBi; 4T1S DG= 12.74dBi; 4T4S DG= 6.72dBi

6G UNII-6 G1= 7.19 dBi ; G2= 6.49 dBi ; G3= 6.69 dBi ; G4= 6.49 dBi ;

2T1S DG= 9.86dBi; 2T2S DG= 6.85dBi; 4T1S DG= 12.74dBi; 4T4S DG= 6.72dBi

6G UNII-7 G1= 7.19 dBi ; G2= 6.49 dBi ; G3= 6.69 dBi ; G4= 6.49 dBi ;

2T1S DG= 9.86dBi; 2T2S DG= 6.85dBi; 4T1S DG= 12.74dBi; 4T4S DG= 6.72dBi

6G UNII-8 G1= 7.19 dBi ; G2= 6.49 dBi ; G3= 6.69 dBi ; G4= 6.49 dBi ;

2T1S DG= 9.86dBi; 2T2S DG= 6.85dBi; 4T1S DG= 12.74dBi; 4T4S DG= 6.72dBi

Wide(70°)

6G UNII-5 G1= 1.97 dBi ; G2= 1.47 dBi ; G3= 1.37 dBi ; G4= 1.27 dBi ;

2T1S DG= 4.73dBi; 2T2S DG= 1.73dBi; 4T1S DG= 7.54dBi; 4T4S DG= 1.53dBi

6G UNII-6 G1= 1.97 dBi ; G2= 1.47 dBi ; G3= 1.37 dBi ; G4= 1.27 dBi ;

2T1S DG= 4.73dBi; 2T2S DG= 1.73dBi; 4T1S DG= 7.54dBi; 4T4S DG= 1.53dBi

6G UNII-7 G1= 1.97 dBi ; G2= 1.47 dBi ; G3= 1.37 dBi ; G4= 1.27 dBi ;

2T1S DG= 4.73dBi; 2T2S DG= 1.73dBi; 4T1S DG= 7.54dBi; 4T4S DG= 1.53dBi

6G UNII-8 G1= 1.97 dBi ; G2= 1.47 dBi ; G3= 1.37 dBi ; G4= 1.27 dBi ;

2T1S DG= 4.73dBi; 2T2S DG= 1.73dBi; 4T1S DG= 7.54dBi; 4T4S DG= 1.53dBi

**Radio 4**

2.4G G1= 8.2 dBi ; G2= 6.2 dBi ;DG= 10.27dBi

2T1S DG= 10.27dBi; 2T2S DG= 7.31dBi;

5G UNII-1 G1= 7.6 dBi ; G2= 8.1 dBi ;

2T1S DG= 10.86dBi; 2T2S DG= 7.86dBi;

5G UNII-2A G1= 7.6 dBi ; G2= 8.1 dBi ;

2T1S DG= 10.86dBi; 2T2S DG= 7.86dBi;

5G UNII-2C G1= 7.6 dBi ; G2= 8.1 dBi ;

2T1S DG= 10.86dBi; 2T2S DG= 7.86dBi;

5G UNII-3 G1= 7.6 dBi ; G2= 8.1 dBi ;

2T1S DG= 10.86dBi; 2T2S DG= 7.86dBi;

6G UNII-5 G1= 8.8 dBi ; G2= 8.7 dBi ;

2T2S DG= 8.75dBi

6G UNII-6 G1= 8.8 dBi ; G2= 8.7 dBi ;

2T2S DG= 8.75dB

6G UNII-7 G1= 8.8 dBi ; G2= 8.7 dBi ;

2T2S DG= 8.75dB

6G UNII-8 G1= 8.8 dBi ; G2= 8.7 dBi ;

2T2S DG= 8.75dB

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.

1.1.3 Mode Test Duty Cycle**For Radio 1_set 2_Indoor:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	5k
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.897	0.47	312.344u	5k
802.11be EHT80_Nss 4,(M0)	0.898	0.47	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)	0.898	0.47	294.688u	5k

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	5k

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	10k

**For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 2T2S:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 4T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	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)	0.898	0.47	294.688u	5k

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.897	0.47	312.344u	5k
802.11be EHT80_Nss 4,(M0)	0.898	0.47	308.281u	5k

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	5k

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	10k

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k

**For Radio 1_set 2 Outdoor antenna in YZ axis (elevation angle above 30 degrees gain) 4T1S:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	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)	0.898	0.47	294.688u	5k

For Radio 1_set 2 Outdoor antenna in YZ axis (elevation angle above 30 degrees gain) 4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.897	0.47	312.344u	5k
802.11be EHT80_Nss 4,(M0)	0.898	0.47	308.281u	5k

For Radio 1_set 1 Indoor:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	5k
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.897	0.47	312.344u	5k
802.11be EHT80_Nss 4,(M0)	0.898	0.47	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)	0.898	0.47	294.688u	5k

For Radio 1_set 1 Outdoor antenna in XY axis (elevation angle above 30 degrees gain) 1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_1TX	0.534	2.72	128.75u	10k
802.11be EHT20_Nss1,(MCS0)_1TX	0.902	0.45	322.5u	5k
802.11be EHT40_Nss1,(MCS0)_1TX	0.9	0.46	305u	5k
802.11be EHT80_Nss1,(MCS0)_1TX	0.897	0.47	295.625u	5k

For Radio 1_set 1 Outdoor antenna in XY axis (elevation angle above 30 degrees gain) 2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_2TX	0.534	2.72	128.75u	10k

**For Radio 1_set 1 Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 2T2S:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k

For Radio 1_set 1 Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 4T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_4TX	0.534	2.72	128.75u	10k
802.11be EHT20_Nss1,(MCS0)_4TX	0.902	0.45	322.5u	5k
802.11be EHT40_Nss1,(MCS0)_4TX	0.899	0.46	305u	5k
802.11be EHT80_Nss1,(MCS0)_4TX	0.897	0.47	295.625u	5k
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.902	0.45	322.5u	5k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.899	0.46	305u	5k
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.897	0.47	295.625u	5k

For Radio 1_set 1 Outdoor_antenna in XY axis (elevation angle above 30 degrees gain) 4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX	0.903	0.44	320.625u	5k
5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX	0.903	0.44	313.125u	5k
5.15-5.25GHz_802.11be EHT80_Nss4,(MCS0)_4TX	0.901	0.45	308.75u	5k

For Radio 1_set 1 Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX	0.534	2.72	128.75u	10k
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX	0.902	0.45	322.5u	5k
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX	0.9	0.46	305u	5k
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX	0.897	0.47	295.625u	5k

For Radio 1_set 1 Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX	0.534	2.72	128.75u	10k

For Radio 1_set 1 Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.899	0.46	311.875u	5k
802.11be EHT40_Nss2,(MCS0)_2TX	0.9	0.46	306.25u	5k
802.11be EHT80_Nss2,(MCS0)_2TX	0.899	0.46	298.75u	5k

**For Radio 1_set 1 Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 4T1S:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_4TX	0.534	2.72	128.75u	10k
802.11be EHT20_Nss1,(MCS0)_4TX	0.902	0.45	322.5u	5k
802.11be EHT40_Nss1,(MCS0)_4TX	0.899	0.46	305u	5k
802.11be EHT80_Nss1,(MCS0)_4TX	0.897	0.47	295.625u	5k
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.902	0.45	322.5u	5k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.899	0.46	305u	5k
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.897	0.47	295.625u	5k

For Radio 1_set 1 Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) 4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss4,(MCS0)_4TX	0.903	0.44	320.625u	5k
802.11be EHT40_Nss4,(MCS0)_4TX	0.903	0.44	313.125u	5k
802.11be EHT80_Nss4,(MCS0)_4TX	0.901	0.45	308.75u	5k

For Radio 2_set 4 For Indoor UNII 1, 3 and outdoor UNII 3 use:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	5k
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.897	0.47	312.344u	5k
802.11be EHT80_Nss 4,(M0)	0.898	0.47	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)	0.898	0.47	294.688u	5k

For Radio 2_set 4 For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain) 1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k



For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k
802.11be EHT20-BF	0.901	0.45	321.875u	5k
802.11be EHT40-BF	0.897	0.47	304.219u	5k
802.11be EHT80-BF	0.898	0.47	294.688u	5k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k



For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	10k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k
802.11be EHT20-BF	0.901	0.45	321.875u	5k
802.11be EHT40-BF	0.897	0.47	304.219u	5k
802.11be EHT80-BF	0.898	0.47	294.688u	5k

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Indoor UNII 1, 3 and outdoor UNII 3 use:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.535	2.72	128.25u	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)	0.898	0.47	294.688u	5k
802.11be EHT20_Nss 2,(M0)	0.902	0.45	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.897	0.47	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	297.813u	5k
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.313u	5k
802.11be EHT40_Nss 4,(M0)	0.897	0.47	312.344u	5k
802.11be EHT80_Nss 4,(M0)	0.898	0.47	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)	0.898	0.47	294.688u	5k



For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k
802.11be EHT20-BF	0.901	0.45	321.875u	5k
802.11be EHT40-BF	0.897	0.47	304.219u	5k
802.11be EHT80-BF	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k



For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.535	2.72	128.25u	10k
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k
802.11be EHT20-BF	0.901	0.45	321.875u	5k
802.11be EHT40-BF	0.897	0.47	304.219u	5k
802.11be EHT80-BF	0.898	0.47	294.688u	5k

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.901	0.45	321.875u	5k
802.11be EHT40	0.897	0.47	304.219u	5k
802.11be EHT80	0.898	0.47	294.688u	5k

For Scanning Radio 4_set 8_For Indoor UNII 1, 3 and outdoor UNII 3 use:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.54	2.68	130u	10k
802.11be EHT20_Nss 2,(M0)	0.906	0.43	312.5u	10k
802.11be EHT40_Nss 2,(M0)	0.906	0.43	298.75u	10k
802.11be EHT80_Nss 2,(M0)	0.906	0.43	300u	10k



For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.54	2.68	130u	10k

For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 2,(M0)	0.906	0.43	312.5u	10k
802.11be EHT40_Nss 2,(M0)	0.906	0.43	298.75u	10k
802.11be EHT80_Nss 2,(M0)	0.906	0.43	300u	10k

For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss 1,(6D)	0.54	2.68	130u	10k

For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 2,(M0)	0.906	0.43	312.5u	10k
802.11be EHT40_Nss 2,(M0)	0.906	0.43	298.75u	10k
802.11be EHT80_Nss 2,(M0)	0.906	0.43	300u	10k

Note:

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

1.1.4 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).			
Function	☒	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing (Reduce BW)		
	☒	Unsupported		
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	accessMtool 3.4.1.0			

Note: The above information was declared by manufacturer.

**1.1.5 Table for EUT Support Function**

Function
AP
Bridge
Mesh

Note1: For above table list, only AP mode was tested and recorded in this test.

Note2: The above information was declared by manufacturer.

1.1.6 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, Bridge, Mesh for UNII 1)	-	V (AP for 6GHz UNII 7)	-	-
R2	-	V (AP for UNII 1, 3 or UNII 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.



1.2 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 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 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	22~23.1 / 58~61	Sep. 15, 2025~ Oct. 30, 2025
Radiated (Below 1GHz)	03CH05-CB	George Fan	21.5~22.9 / 57~60	Oct. 22, 2025~ Oct. 23, 2025
Radiated (Above 1GHz)	03CH01-CB	George Fan	21.3~22.3 / 58~61	Aug. 15, 2025~ Sep. 30, 2025
	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	
AC Conduction	CO01-CB	Elvin Yeh	23~24 / 63~64	Sep. 16, 2025



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
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
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 Radio 1_set 2_Indoor:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz



5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

**For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S:**

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz



5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

**For Radio 1_set 2 Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S:**

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Radio 1_set 1 Indoor:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz



5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 1_set 1 Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 1_set 1 Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 1_set 1 Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz



5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz



802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) _2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) _2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain) _4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz



5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Radio 2_set 4_For Indoor UNII 1, 3 and outdoor UNII 3 use:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz
5775MHz
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz



5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
5775MHz
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
5775MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz
5775MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX



5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz
5775MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz



802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX



5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain) 2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain) 2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain) 4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz



802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 2_set 4_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Radio 2_set 5_For Indoor UNII 1, 3 and outdoor UNII 3 use:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz
5775MHz
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz



802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
5775MHz
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
5775MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss4,(MCS0)_4TX



5210MHz
5775MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz
5775MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain) 1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain) 2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain) 2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz



802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz



For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S:

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss1,(MCS0)_4TX



5190MHz
5230MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz

For Radio 2_set 5_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S:

Mode
802.11be EHT20_Nss4,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5190MHz
5230MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz

For Scanning Radio 4_set 8_For Indoor UNII 1, 3 and outdoor UNII 3 use:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
5775MHz



For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:

Mode
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz

For Scanning Radio 4_set 8_For Outdoor UNII 1 use_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:

Mode
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz

Note:

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



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (BT_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth0 port)
2	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (BT_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
Mode 2 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3~4 will follow this same test mode.	
3	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (BT_Ant. 32)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
4	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (BT_Ant. 33)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
Mode 2 has been evaluated to be the worst case between Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
Mode 5 has been evaluated to be the worst case between Mode 1~5, thus measurement for Mode 6~7 will follow this same test mode.	
6	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (5GHz UNII 1, 3_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
7	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
Mode 7 has been evaluated to be the worst case between Mode 1~7, thus measurement for Mode 8~12 will follow this same test mode.	
8	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
9	EUT_R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
10	EUT_R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
11	EUT_R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
12	EUT_R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+PoE(Powered from Eth0+Eth1 port/Test Eth1 port)
Mode 7 has been evaluated to be the worst case between Mode 1~12, thus measurement for Mode 13 will follow this same test mode.	
13	EUT_R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz UNII 5, 7_set 8)+R5 (IEEE 802.15.4_Ant. 31)+R6 (GPS)+Eth1 (PSE out)+PoE(Powered from Eth0 port)
For operating mode 13 is the worst case and it was record in this test report.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	Radio 1_set 2_Indoor
2	Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S
3	Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S
4	Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S
5	Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S
6	Radio 1_set 2_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S
7	Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S
8	Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S
9	Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S
10	Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S
11	Radio 1_set 2_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S
12	Radio 1_set 1_Indoor
13	Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S
14	Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S
15	Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S
16	Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S
17	Radio 1_set 1_Outdoor_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S
18	Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S
19	Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S



20	Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S
21	Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S
22	Radio 1_set 1_Outdoor_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S
23	Radio 2_set 4_Indoor UNII 1, 3 and outdoor UNII 3
24	Radio 2_set 4_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S
25	Radio 2_set 4_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S
26	Radio 2_set 4_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S
27	Radio 2_set 4_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S
28	Radio 2_set 4_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S
29	Radio 2_set 4_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S
30	Radio 2_set 4_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S
31	Radio 2_set 4_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S
32	Radio 2_set 4_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S
33	Radio 2_set 4_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S
34	Radio 2_set 5_Indoor UNII 1, 3 and outdoor UNII 3
35	Radio 2_set 5_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_1T1S
36	Radio 2_set 5_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S
37	Radio 2_set 5_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S
38	Radio 2_set 5_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_4T1S
39	Radio 2_set 5_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_4T4S
40	Radio 2_set 5_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_1T1S
41	Radio 2_set 5_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S:



42	Radio 2_set 5_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S:
43	Radio 2_set 5_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_4T1S
44	Radio 2_set 5_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_4T4S
45	Scanning Radio 4_set 8_Indoor UNII 1, 3 and outdoor UNII 3
46	Scanning Radio 4_set 8_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_2T1S
47	Scanning Radio 4_set 8_Outdoor UNII 1_antenna in XY axis (elevation angle above 30 degrees gain)_2T2S
48	Scanning Radio 4_set 8_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_2T1S
49	Scanning Radio 4_set 8_Outdoor UNII 1_antenna in YZ axis (elevation angle above 30 degrees gain)_2T2S



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
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.	
1	EUT in Y axis_R1 (2.4GHz_set 3)+PoE(Powered from Eth0+Eth1 port)
2	EUT in Y axis_R1 (5GHz UNII 1_set 2)+PoE(Powered from Eth0+Eth1 port)
3	EUT in Y axis_R1 (5GHz UNII 1_set 1)+PoE(Powered from Eth0+Eth1 port)
4	EUT in Y axis_R1 (6GHz UNII 7_set 2)+PoE(Powered from Eth0+Eth1 port)
5	EUT in Y axis_R1 (6GHz UNII 7_set 1)+PoE(Powered from Eth0+Eth1 port)
6	EUT in Y axis_R2 (5GHz UNII 1, 3_set 4)+PoE(Powered from Eth0+Eth1 port)
7	EUT in Y axis_R2 (5GHz UNII 1, 3_set 5)+PoE(Powered from Eth0+Eth1 port)
8	EUT in Y axis_R3 (6GHz 5, 7_set 6)+PoE(Powered from Eth0+Eth1 port)
9	EUT in Y axis_R3 (6GHz 5, 7_set 7)+PoE(Powered from Eth0+Eth1 port)
10	EUT in Y axis_Scanning R4 (2.4GHz_set 8)+PoE(Powered from Eth0+Eth1 port)
11	EUT in Y axis_Scanning R4 (5GHz UNII 1, 3_set 8)+PoE(Powered from Eth0+Eth1 port)
12	EUT in Y axis_Scanning R4 (6GHz UNII 5, 7_set 8)+PoE(Powered from Eth0+Eth1 port)
13	EUT in Y axis_R5 (BT_Ant. 33)+PoE(Powered from Eth0+Eth1 port)
14	EUT in Y axis_R5 (IEEE 802.15.4_Ant. 33)+PoE(Powered from Eth0+Eth1 port)
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
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.	
1	EUT in Y axis_Radio 1 (5GHz UNII 1_set 2)
2	EUT in Y axis_Radio 1 (5GHz UNII 1_set 1)
3	EUT in Y axis_Radio 2 (5GHz UNII 1, 3_set 4)
4	EUT in Y axis_Radio 2 (5GHz UNII 1, 3_set 5)
5	EUT in Y axis_Scanning Radio 4 (5GHz UNII 1, 3_set 8)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (Bluetooth)
2	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4)
3	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (5GHz_set 8)+R5 (Bluetooth)
4	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (5GHz_set 8)+R5 (IEEE 802.15.4)
5	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz_set 8)+R5 (Bluetooth)
6	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz_set 8)+R5 (IEEE 802.15.4)
7	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (2.4GHz_set 8)+R5 (Bluetooth)
8	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4)
9	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (5GHz_set 8)+R5 (Bluetooth)
10	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (5GHz_set 8)+R5 (IEEE 802.15.4)
11	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (6GHz_set 8)+R5 (Bluetooth)
12	R1 (2.4GHz_set 3)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (6GHz_set 8)+R5 (IEEE 802.15.4)
13	R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (Bluetooth)
14	R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4)
15	R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (5GHz_set 8)+R5 (Bluetooth)
16	R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (5GHz_set 8)+R5 (IEEE 802.15.4)
17	R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz_set 8)+R5 (Bluetooth)
18	R1 (5GHz UNII 1_set 1)+R2 (5GHz UNII 3_set 5)+R3 (6GHz UNII 5, 7_set 7)+Scanning R4 (6GHz_set 8)+R5 (IEEE 802.15.4)
19	R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4)



20	R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+ Scanning R4 (2.4GHz_set 8)+R5 (Bluetooth)
21	R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+ Scanning R4 (5GHz_set 8)+R5 (IEEE 802.15.4)
22	R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+ Scanning R4 (5GHz_set 8)+R5 (Bluetooth)
23	R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+ Scanning R4 (6GHz_set 8)+R5 (IEEE 802.15.4)
24	R1 (5GHz UNII 1_set 2)+R2 (5GHz UNII 3_set 4)+R3 (6GHz UNII 5, 7_set 6)+ Scanning R4 (6GHz_set 8)+R5 (Bluetooth)
25	R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4)
26	R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (2.4GHz_set 8)+R5 (Bluetooth)
27	R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (5GHz_set 8)+R5 (IEEE 802.15.4)
28	R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (5GHz_set 8)+R5 (Bluetooth)
29	R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (6GHz_set 8)+R5 (IEEE 802.15.4)
30	R1 (6GHz UNII 7_set 1)+R2 (5GHz UNII 1, 3_set 5)+R3 (6GHz UNII 5_set 7)+Scanning R4 (6GHz_set 8)+R5 (Bluetooth)
31	R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (2.4GHz_set 8)+R5 (IEEE 802.15.4)
32	R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (2.4GHz_set 8)+R5 (Bluetooth)
33	R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (5GHz_set 8)+R5 (IEEE 802.15.4)
34	R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (5GHz_set 8)+R5 (Bluetooth)
35	R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (6GHz_set 8)+R5 (IEEE 802.15.4)
36	R1 (6GHz UNII 7_set 2)+R2 (5GHz UNII 1, 3_set 4)+R3 (6GHz UNII 5_set 6)+Scanning R4 (6GHz_set 8)+R5 (Bluetooth)
Refer to Sporton Test Report No.: FA561916AA 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					
	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 2T1S CDD mode was covered by 802.11be EHT20/40/80 2T2S, due to CDD $2T1S = 2T2S - (10 \cdot \log(2/1))$.

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

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1
Sealing Collar*2



2.5 Support Equipment

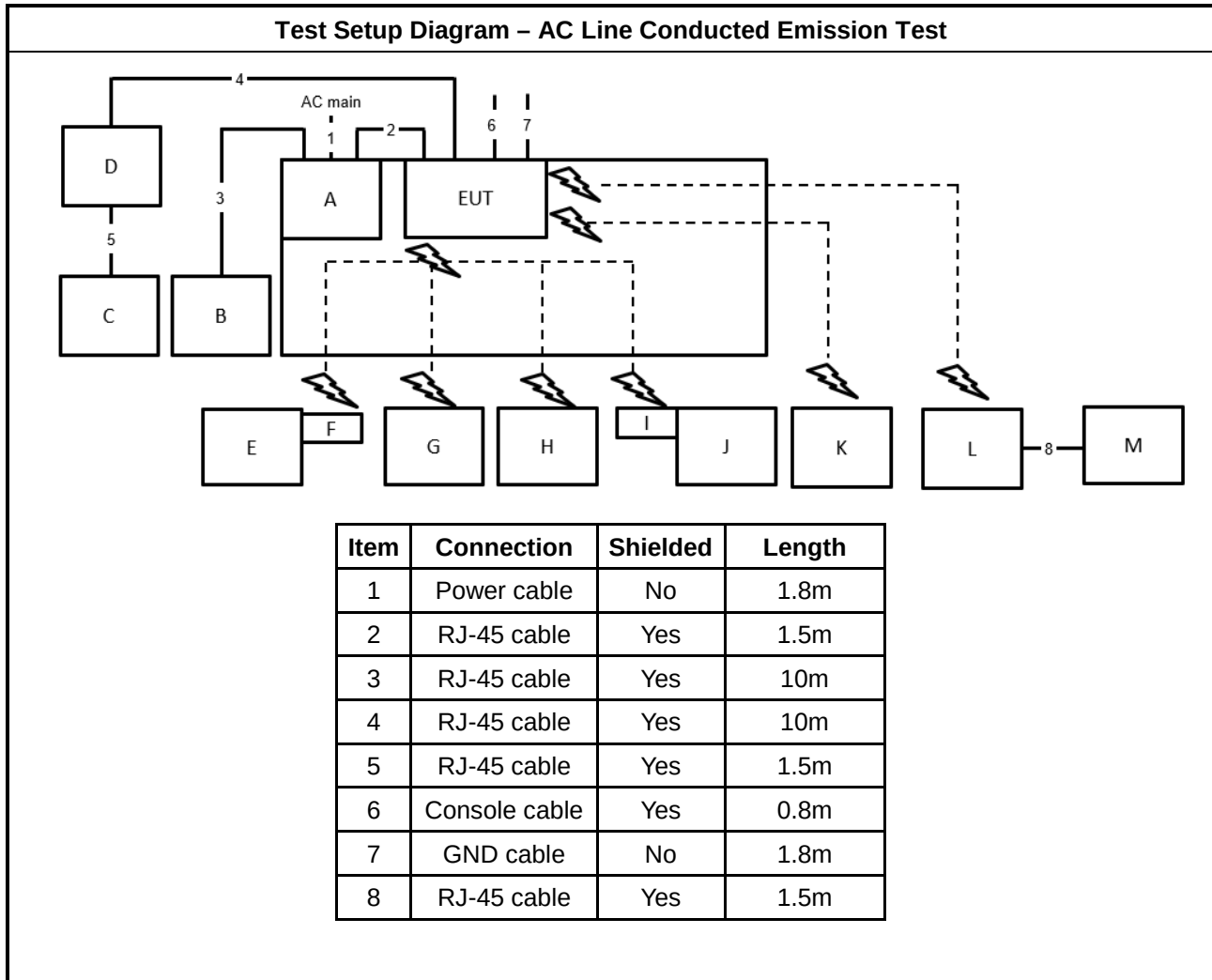
For AC Conduction:

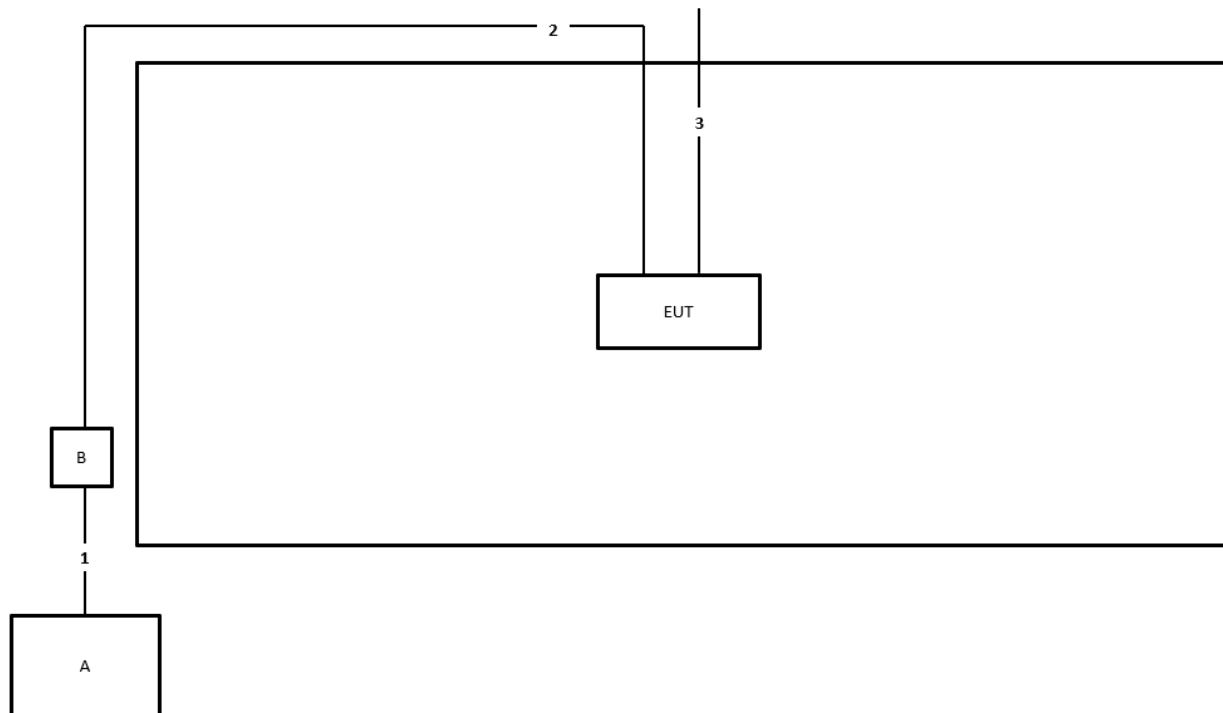
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9501-10GC/AC	N/A
B	Eth0 PC	ASUS	S300TA	TX2-RTL8821CE
C	PD Device PC	ASUS	S300TA	TX2-RTL8821CE
D	PD Device	WNC	RLLL-M1	N/A
E	6G Scan NB	DELL	E7240	N/A
F	6G module	INTEL	BE200	N/A
G	2.4G NB	Lenovo	X260	N/A
H	5G Full NB	Lenovo	X260	N/A
I	6G module	INTEL	BE200	N/A
J	6G Full NB	DELL	E7240	N/A
K	GPS Simulator	WELNAVIGATE	GS-100	N/A
L	Device	Extreme Networks	AP5060U	N/A
M	Device NB	Lenovo	X260	N/A

For Radiated and RF Conducted:

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

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m
3	Ground cable	No	1.5m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

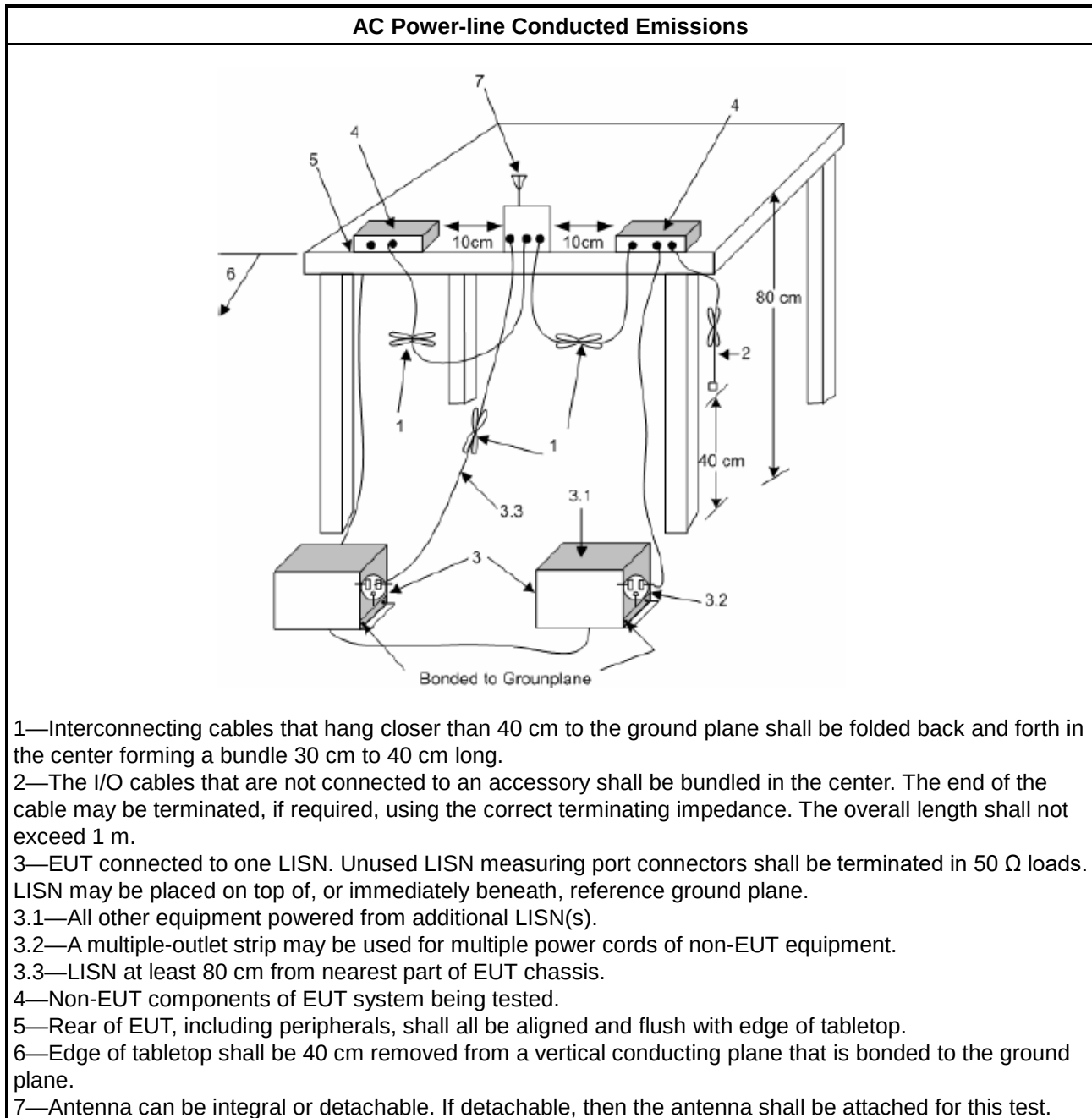
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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 $\geq 500\text{kHz}$.
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 $\geq 500\text{kHz}$.

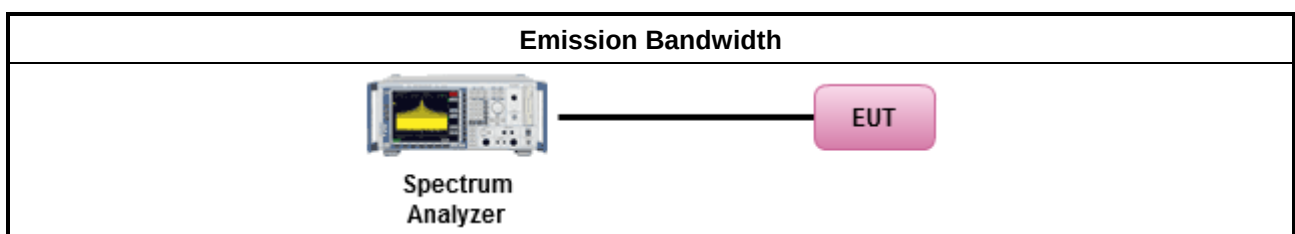
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as 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.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.1 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.	

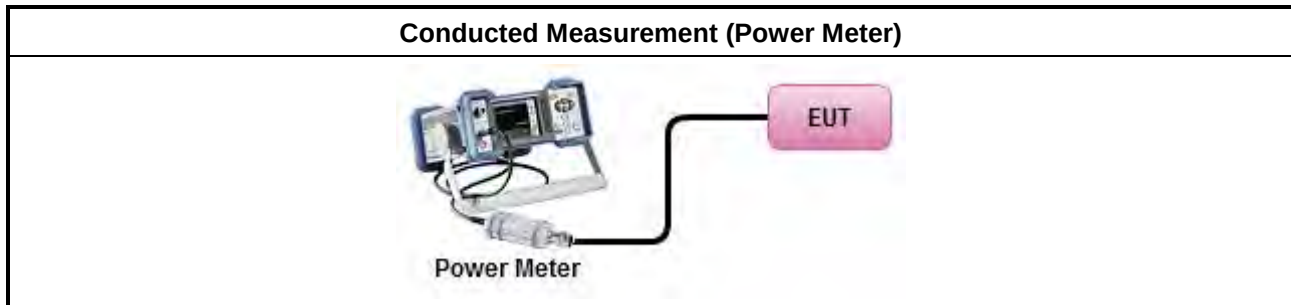
3.3.2 Measuring Instruments

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

3.3.3 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.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 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.	

3.4.2 Measuring Instruments

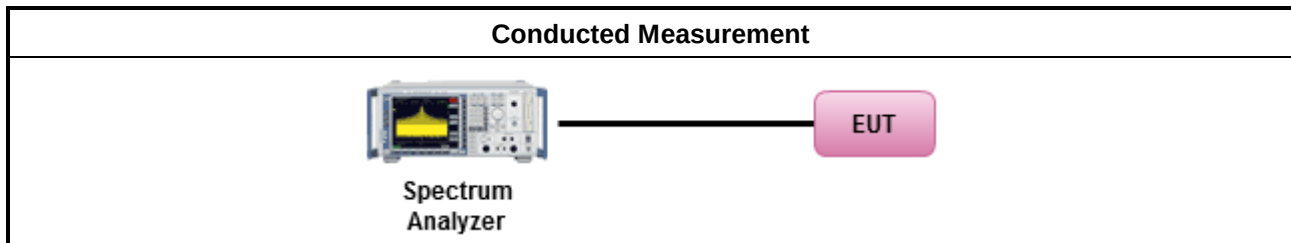
Refer a test equipment and calibration data table in this test report.

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as 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.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 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).

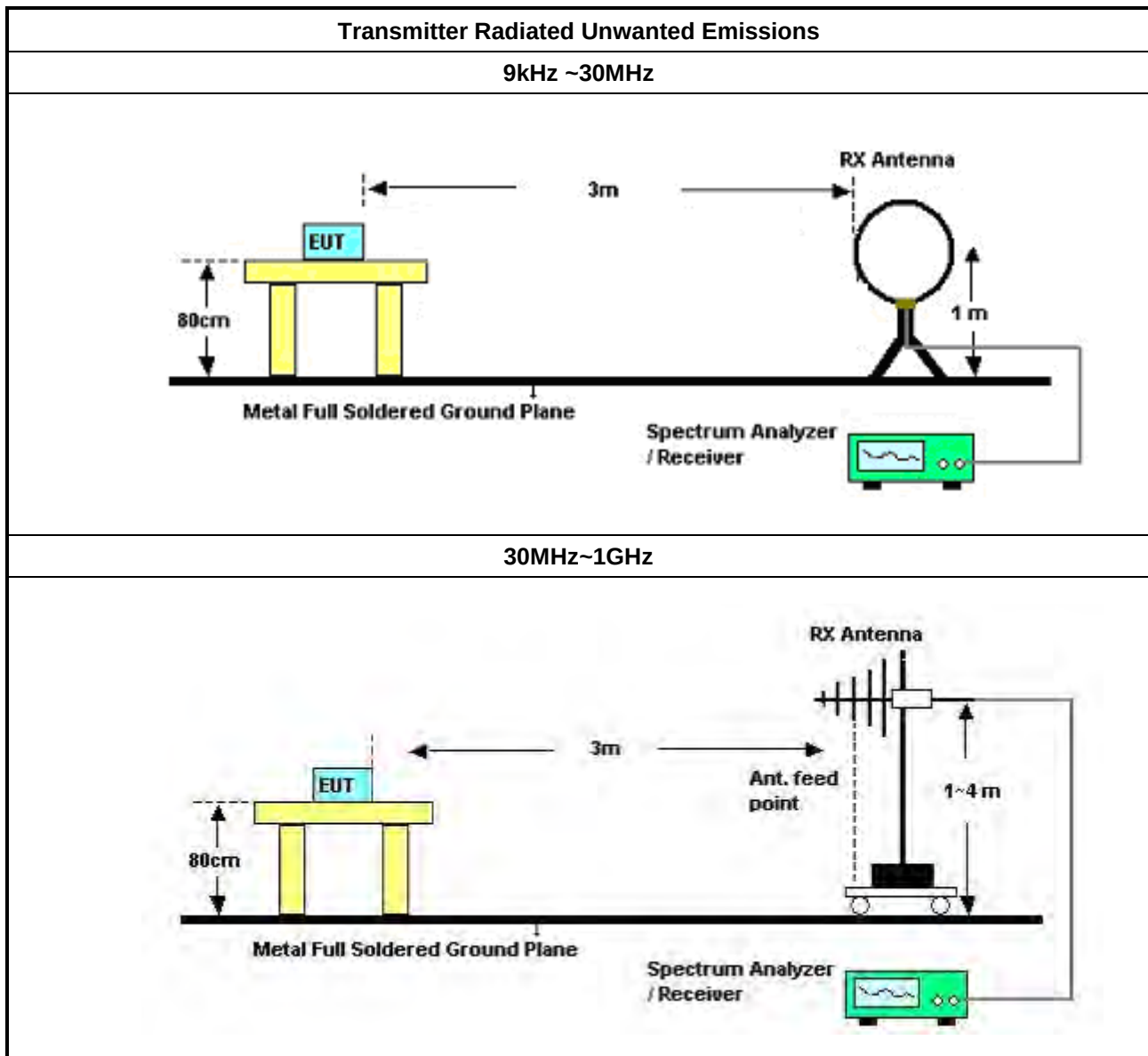
3.5.2 Measuring Instruments

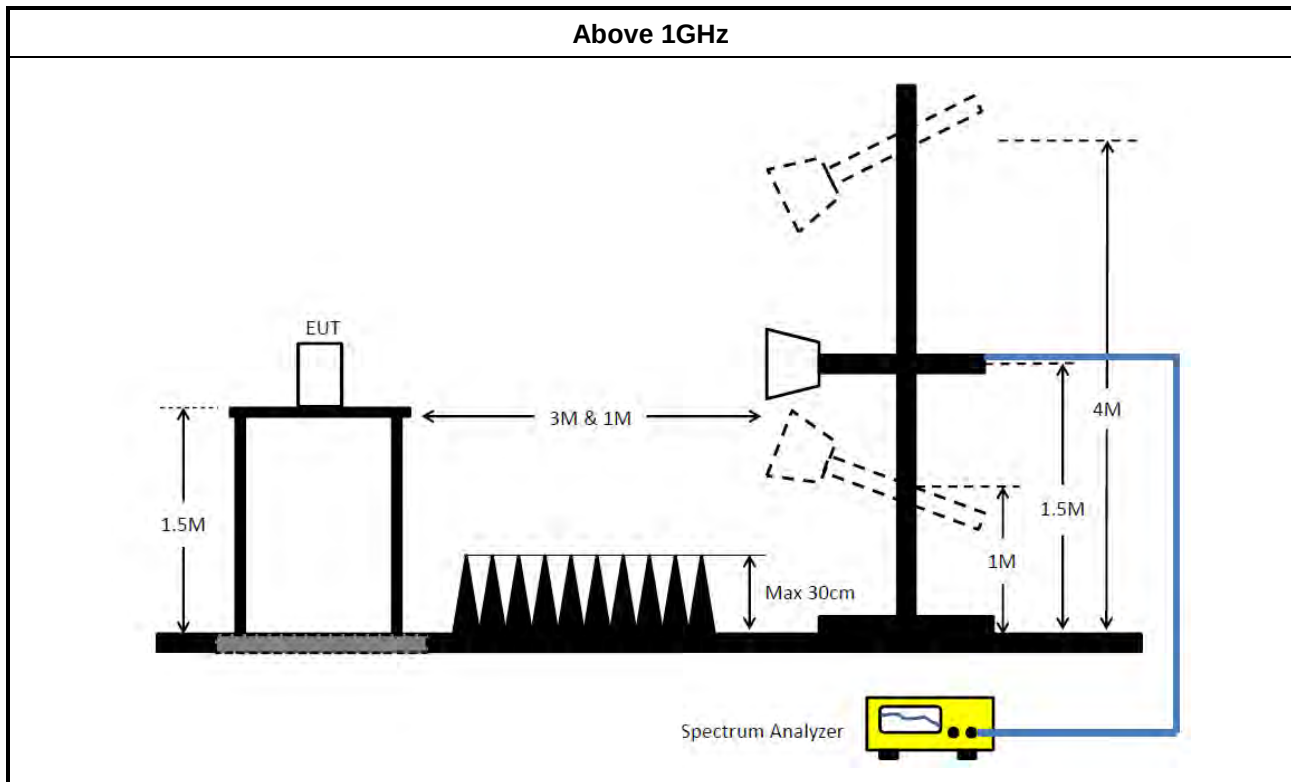
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 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.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 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.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-1 6-2	04083	150kHz ~ 100MHz	Feb. 18, 2025	Feb. 17, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
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 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)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	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+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	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	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 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)
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-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	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)
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	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	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 31, 2025	Jul. 30, 2026	Radiation (03CH05-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)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCi	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 22, 2025	Mar. 21, 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)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2025	Apr. 30, 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)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 7GHz	Aug. 04, 2025	Aug. 03, 2026	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Sep. 25, 2025	Sep. 24, 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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	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)
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)
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)
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)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 02, 2025	Jan. 01, 2026	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Aug. 01, 2025	Jul. 31, 2026	Conducted (TH03-CB)
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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
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.



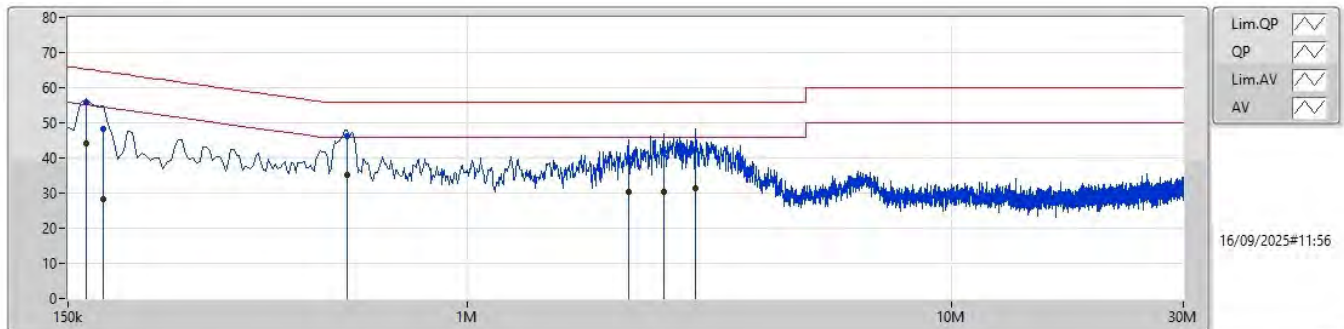
Conducted Emissions at Powerline

Appendix A

Summary

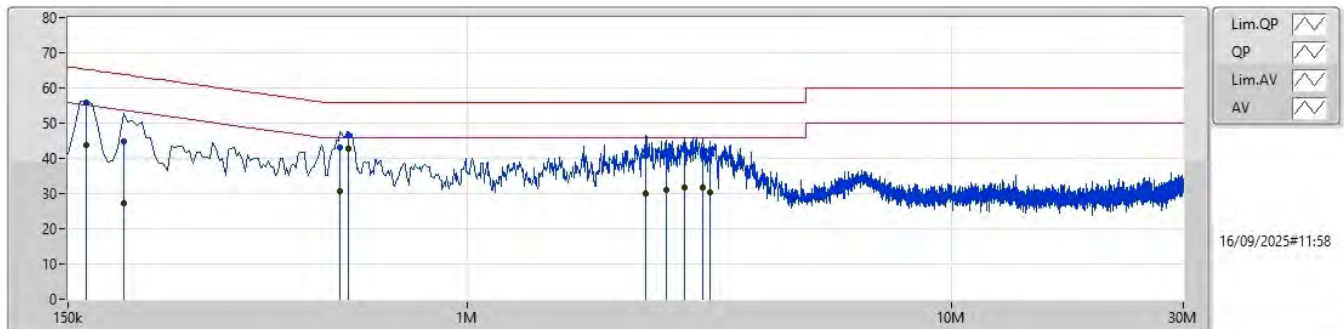
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 13	Pass	AV	568.5k	42.90	46.00	-3.10	Neutral

Mode 13



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	163.5k	56.00	65.27	-9.27	10.05	Line	"Worst"	45.95	0.05	0.08	9.92								
AV	163.5k	43.97	55.27	-11.30	10.05	Line	-	33.92	0.05	0.08	9.92								
QP	177k	48.34	64.62	-16.28	10.06	Line	-	38.28	0.06	0.07	9.93								
AV	177k	28.41	54.62	-26.21	10.06	Line	-	18.35	0.06	0.07	9.93								
QP	564k	46.27	56.00	-9.73	10.26	Line	-	36.01	0.06	0.10	10.10								
AV	564k	35.33	46.00	-10.67	10.26	Line	-	25.07	0.06	0.10	10.10								
QP	2.148M	39.87	56.00	-16.13	10.17	Line	-	29.70	0.09	0.14	9.94								
AV	2.148M	30.50	46.00	-15.50	10.17	Line	-	20.33	0.09	0.14	9.94								
QP	2.544M	41.59	56.00	-14.41	10.17	Line	-	31.42	0.10	0.14	9.93								
AV	2.544M	30.31	46.00	-15.69	10.17	Line	-	20.14	0.10	0.14	9.93								
QP	2.958M	42.34	56.00	-13.66	10.18	Line	-	32.16	0.11	0.15	9.92								
AV	2.958M	31.41	46.00	-14.59	10.18	Line	-	21.23	0.11	0.15	9.92								

Mode 13



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	55.78	65.27	-9.49	10.08	Neutral	-	45.70	0.08	0.08	9.92						
AV	163.5k	43.76	55.27	-11.51	10.08	Neutral	-	33.68	0.08	0.08	9.92						
QP	195k	44.95	63.82	-18.87	10.10	Neutral	-	34.85	0.08	0.07	9.95						
AV	195k	27.16	53.82	-26.66	10.10	Neutral	-	17.06	0.08	0.07	9.95						
QP	546k	43.25	56.00	-12.75	10.27	Neutral	-	32.98	0.08	0.10	10.09						
AV	546k	30.83	46.00	-15.17	10.27	Neutral	-	20.56	0.08	0.10	10.09						
QP	568.5k	46.48	56.00	-9.52	10.28	Neutral	-	36.20	0.08	0.10	10.10						
AV	568.5k	42.90	46.00	-3.10	10.28	Neutral	"Worst"	32.62	0.08	0.10	10.10						
QP	2.337M	40.80	56.00	-15.20	10.20	Neutral	-	30.60	0.12	0.14	9.94						
AV	2.337M	29.99	46.00	-16.01	10.20	Neutral	-	19.79	0.12	0.14	9.94						
QP	2.576M	42.01	56.00	-13.99	10.20	Neutral	-	31.81	0.13	0.14	9.93						
AV	2.576M	31.17	46.00	-14.83	10.20	Neutral	-	20.97	0.13	0.14	9.93						
QP	2.81M	42.45	56.00	-13.55	10.20	Neutral	-	32.25	0.13	0.14	9.93						
AV	2.81M	31.61	46.00	-14.39	10.20	Neutral	-	21.41	0.13	0.14	9.93						
QP	3.053M	42.29	56.00	-13.71	10.21	Neutral	-	32.08	0.14	0.15	9.92						
AV	3.053M	31.62	46.00	-14.38	10.21	Neutral	-	21.41	0.14	0.15	9.92						
QP	3.174M	41.91	56.00	-14.09	10.21	Neutral	-	31.70	0.14	0.15	9.92						
AV	3.174M	30.36	46.00	-15.64	10.21	Neutral	-	20.15	0.14	0.15	9.92						

Test Mode: Mode 1
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	44.88M	26.091M	26M1D1D	32.78M	17.504M
802.11a_Nss1,(6Mbps)_2TX	41.8M	18.811M	18M8D1D	21.615M	16.893M
802.11a_Nss1,(6Mbps)_4TX	22.55M	17.089M	17M1D1D	21.12M	16.756M
802.11be EHT20_Nss1,(MCS0)_1TX	52.415M	29.592M	29M6D1D	30.14M	19.258M
802.11be EHT20_Nss2,(MCS0)_2TX	47.96M	19.806M	19M8D1D	27.94M	19.215M
802.11be EHT20_Nss1,(MCS0)_4TX	29.535M	19.215M	19M2D1D	21.23M	19.065M
802.11be EHT20_Nss4,(MCS0)_4TX	44.77M	19.678M	19M7D1D	23.65M	19.191M
802.11be EHT40_Nss1,(MCS0)_1TX	86.9M	38.958M	39M0D1D	47.63M	37.924M
802.11be EHT40_Nss2,(MCS0)_2TX	48.4M	37.902M	37M9D1D	42.79M	37.872M
802.11be EHT40_Nss1,(MCS0)_4TX	56.98M	37.949M	37M9D1D	40.59M	37.899M
802.11be EHT40_Nss4,(MCS0)_4TX	47.3M	37.965M	38M0D1D	40.37M	37.792M
802.11be EHT80_Nss1,(MCS0)_1TX	85.8M	77.387M	77M4D1D	85.8M	77.387M
802.11be EHT80_Nss2,(MCS0)_2TX	96.14M	77.425M	77M4D1D	85.58M	77.353M
802.11be EHT80_Nss1,(MCS0)_4TX	93.94M	77.444M	77M4D1D	89.1M	77.387M
802.11be EHT80_Nss4,(MCS0)_4TX	111.98M	77.529M	77M5D1D	85.58M	77.438M

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

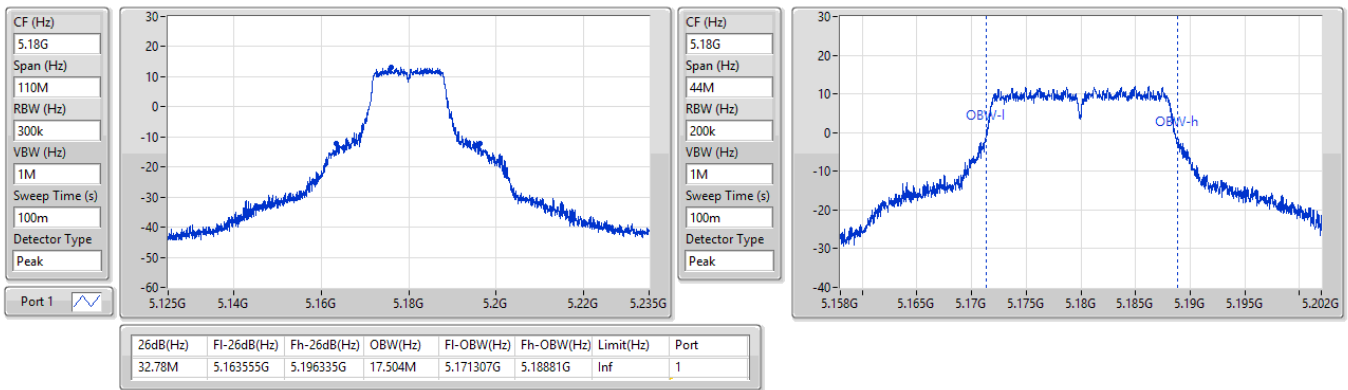
Result

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	32.78M	17.504M						
5200MHz	Pass	Inf	44.88M	26.091M						
5240MHz	Pass	Inf	41.69M	18.505M						
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	30.14M	19.258M						
5200MHz	Pass	Inf	52.415M	29.592M						
5240MHz	Pass	Inf	46.42M	19.745M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.63M	37.924M						
5230MHz	Pass	Inf	86.9M	38.958M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	85.8M	77.387M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.08M	17.05M	21.615M	16.893M				
5200MHz	Pass	Inf	35.09M	17.772M	37.07M	18.045M				
5240MHz	Pass	Inf	41.8M	18.811M	40.645M	18.704M				
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	27.94M	19.215M	28.325M	19.234M				
5200MHz	Pass	Inf	41.415M	19.269M	38.61M	19.387M				
5240MHz	Pass	Inf	45.76M	19.712M	47.96M	19.806M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	48.4M	37.887M	42.79M	37.891M				
5230MHz	Pass	Inf	44M	37.872M	42.9M	37.902M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	96.14M	77.425M	85.58M	77.353M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.385M	17.079M	22.275M	17.073M	22.55M	17.089M	22.275M	17.034M
5200MHz	Pass	Inf	21.45M	16.887M	21.285M	16.812M	21.285M	16.814M	21.23M	16.759M
5240MHz	Pass	Inf	21.285M	16.861M	21.395M	16.817M	21.23M	16.803M	21.12M	16.756M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	29.535M	19.21M	24.475M	19.198M	29.315M	19.21M	25.575M	19.215M
5200MHz	Pass	Inf	21.725M	19.094M	21.45M	19.129M	21.23M	19.077M	21.615M	19.09M
5240MHz	Pass	Inf	21.505M	19.105M	21.725M	19.107M	21.395M	19.065M	21.45M	19.12M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.52M	37.908M	47.3M	37.937M	43.01M	37.909M	56.98M	37.922M
5230MHz	Pass	Inf	54.34M	37.92M	40.92M	37.899M	40.59M	37.923M	48.07M	37.949M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	93.94M	77.444M	89.1M	77.414M	91.96M	77.433M	92.4M	77.387M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	29.81M	19.221M	23.815M	19.191M	23.76M	19.244M	23.65M	19.211M
5200MHz	Pass	Inf	34.705M	19.269M	33.11M	19.248M	33.99M	19.273M	32.175M	19.284M
5240MHz	Pass	Inf	44.77M	19.678M	42.79M	19.644M	43.34M	19.614M	42.955M	19.673M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	46.97M	37.931M	44M	37.917M	44.88M	37.919M	47.3M	37.965M
5230MHz	Pass	Inf	40.59M	37.845M	40.92M	37.792M	40.59M	37.801M	40.37M	37.823M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	111.98M	77.529M	85.58M	77.526M	108.24M	77.438M	94.16M	77.518M

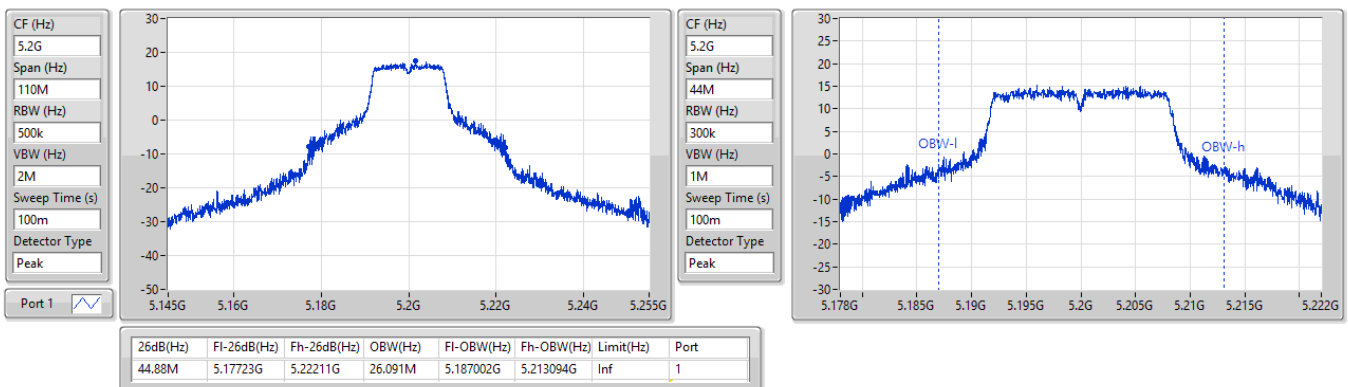
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

20/09/2025

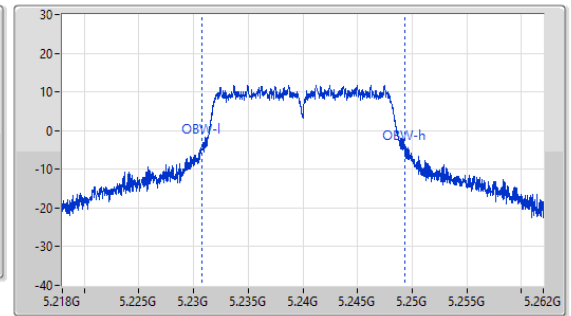
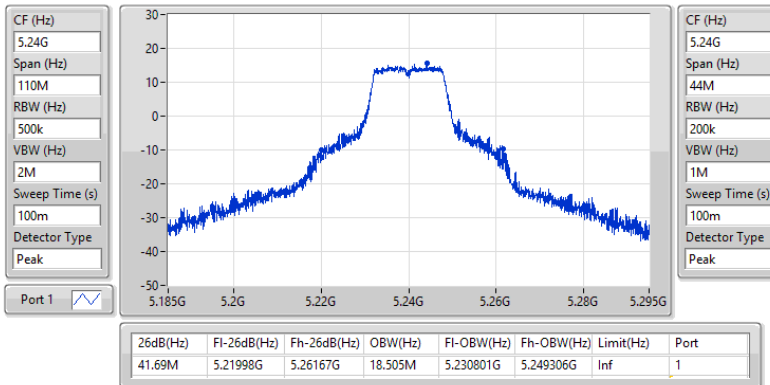

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

20/09/2025

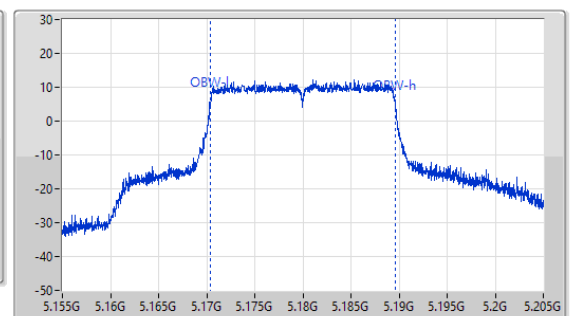
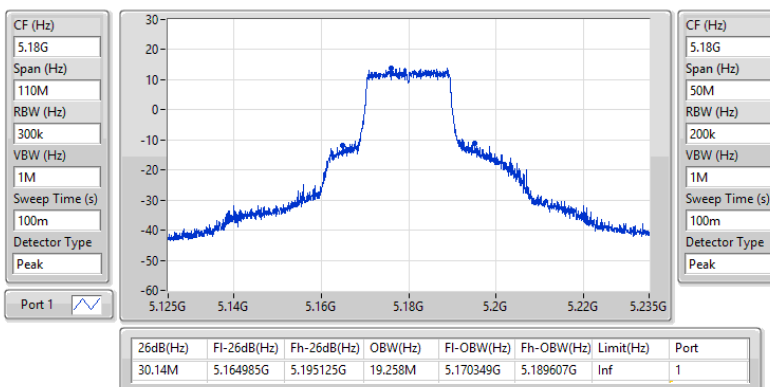


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

20/09/2025


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

20/09/2025

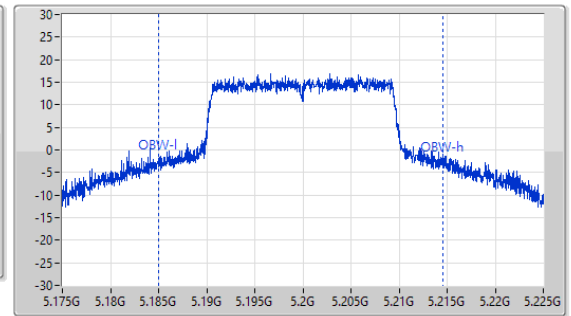
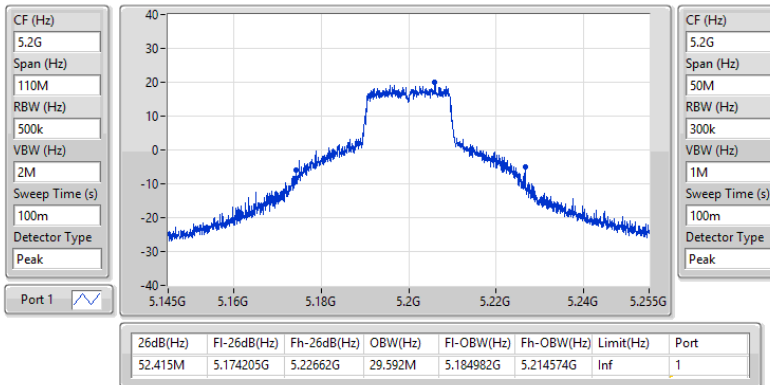


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

20/09/2025

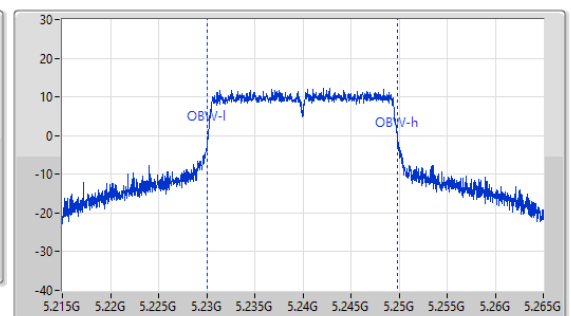
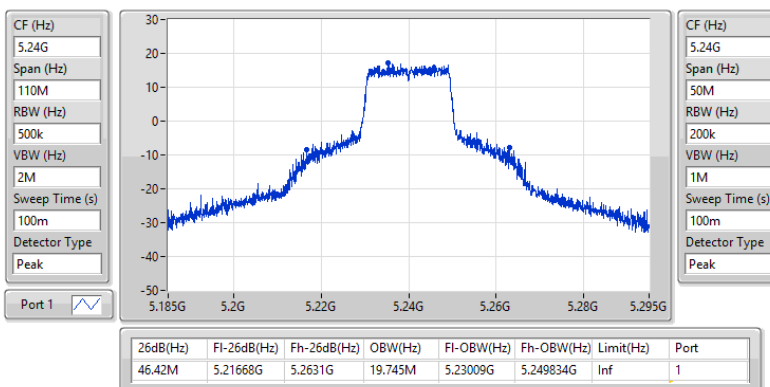


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

20/09/2025

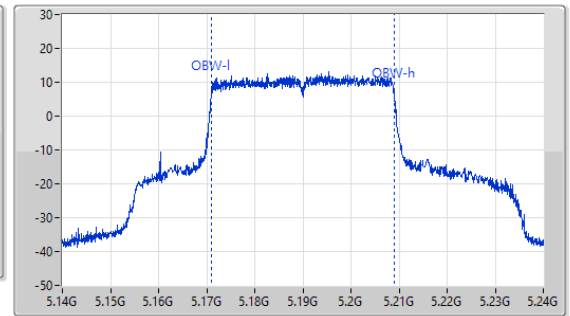
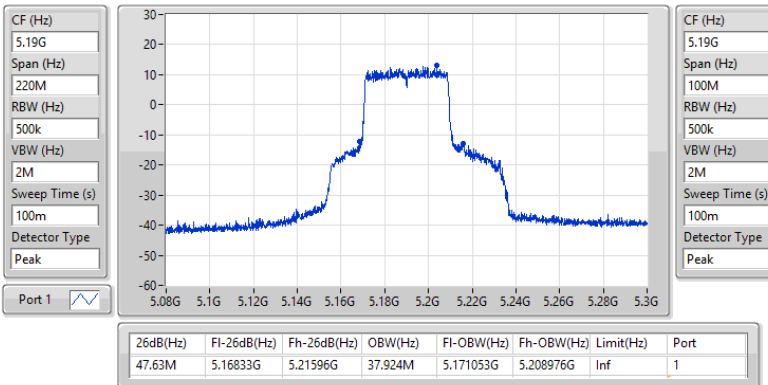


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

20/09/2025

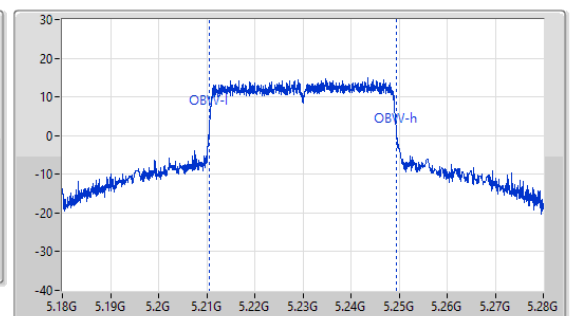
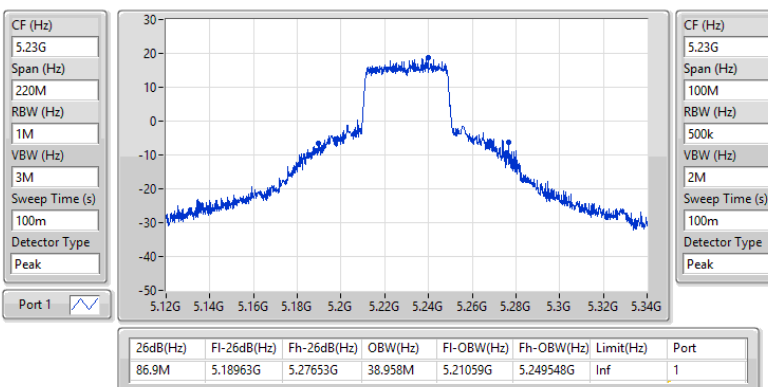


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

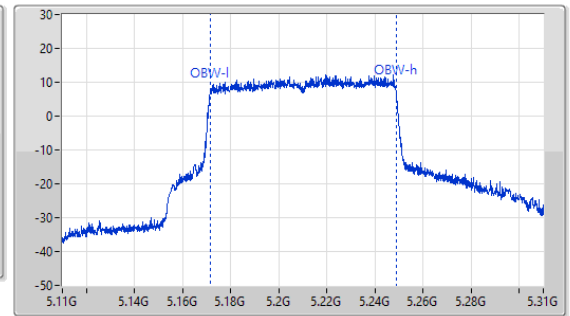
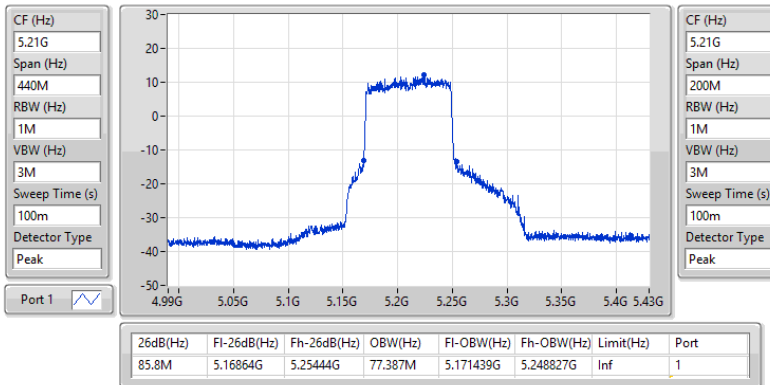
5230MHz

20/09/2025

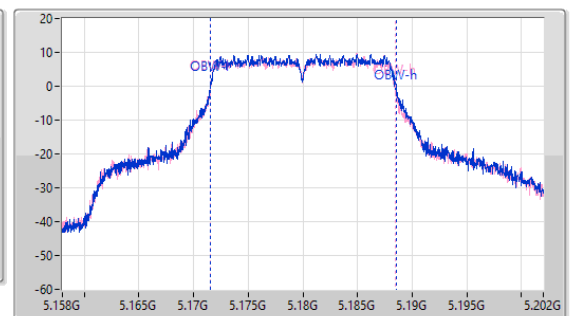
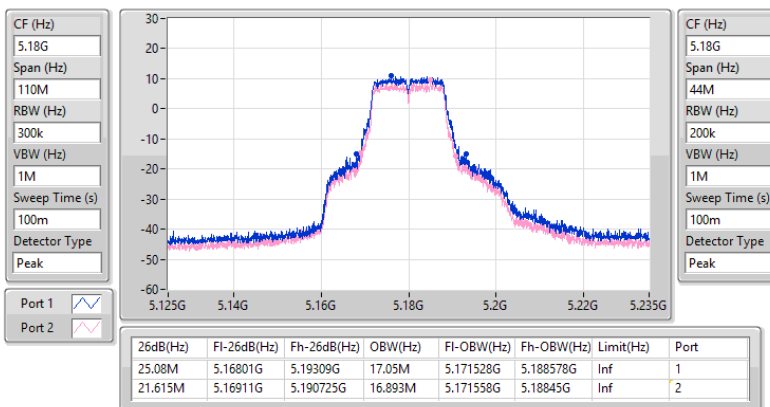


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

20/09/2025

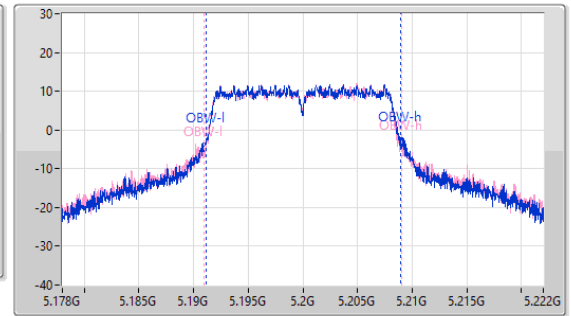
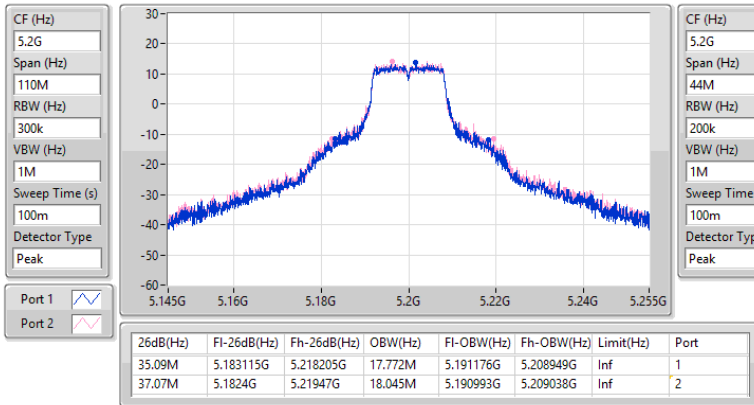

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

20/09/2025

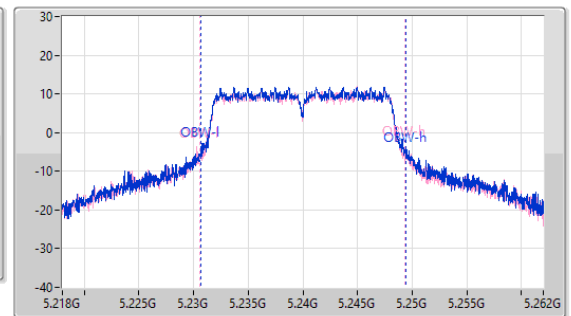
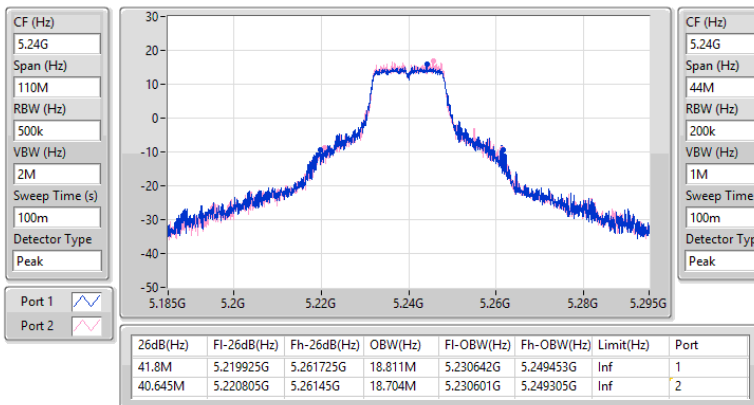


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

20/09/2025


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

20/09/2025

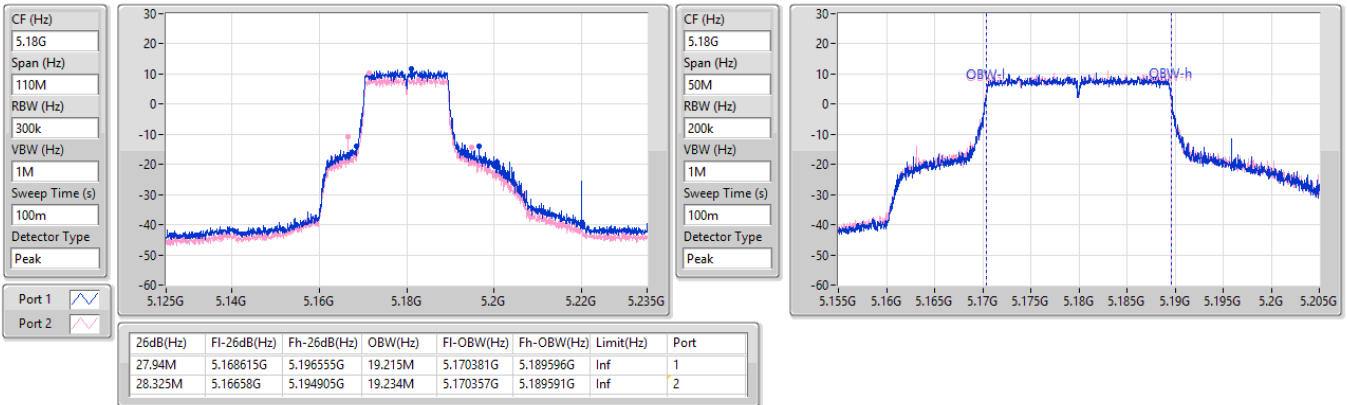


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5180MHz

20/09/2025

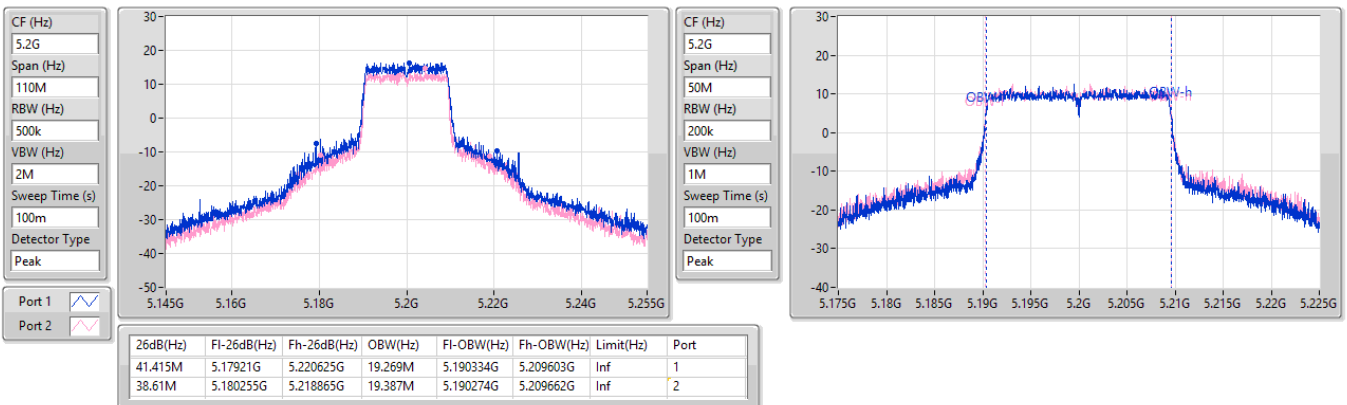


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5200MHz

20/09/2025

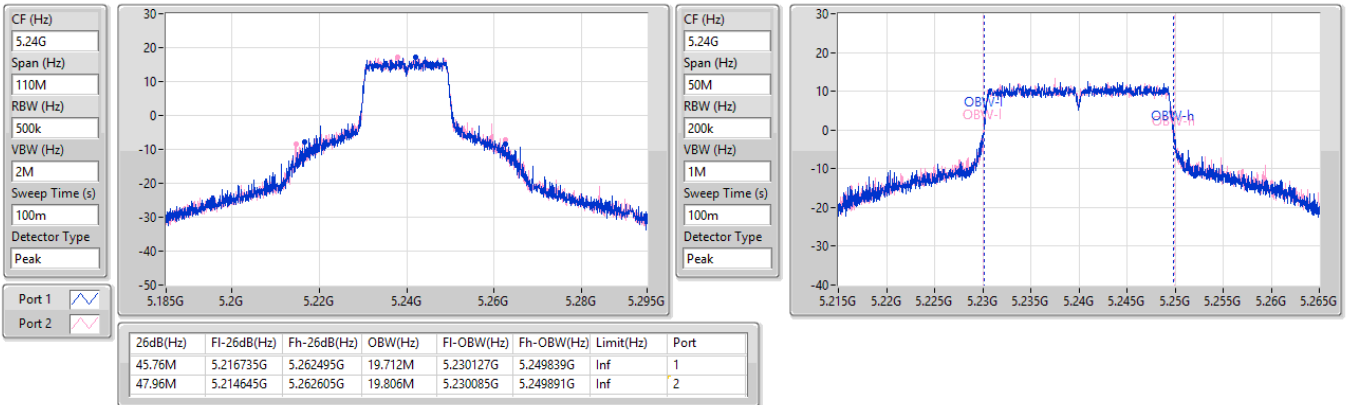


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

20/09/2025

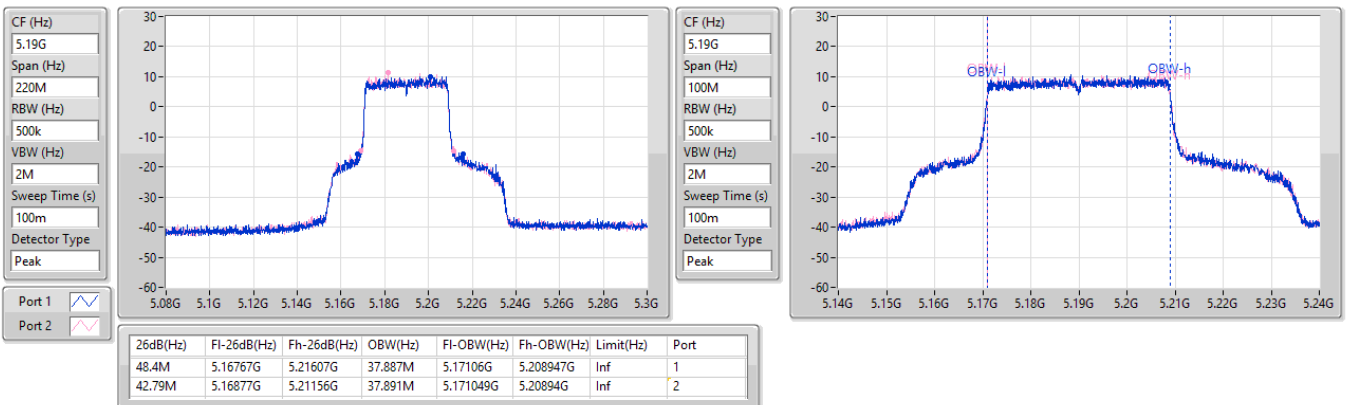


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

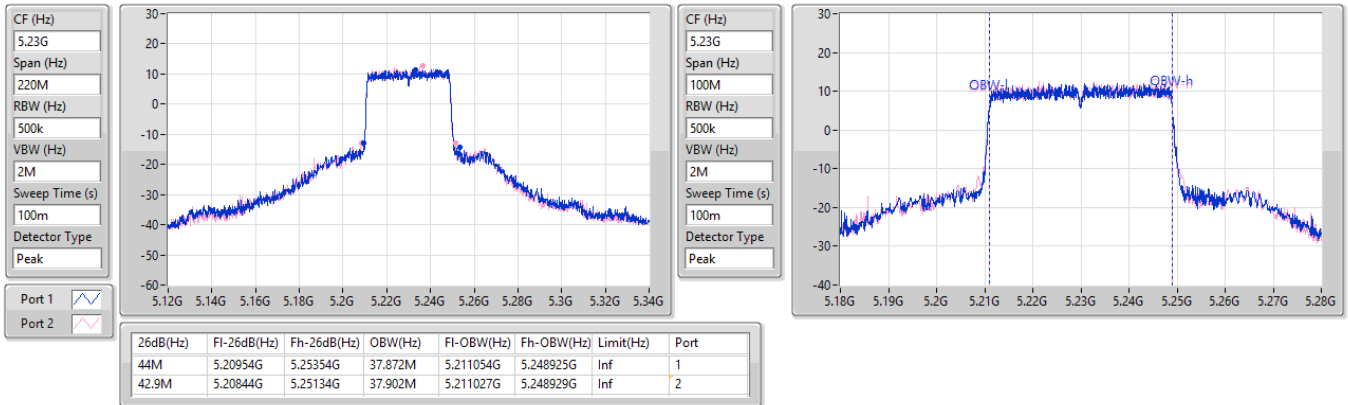
5190MHz

20/09/2025

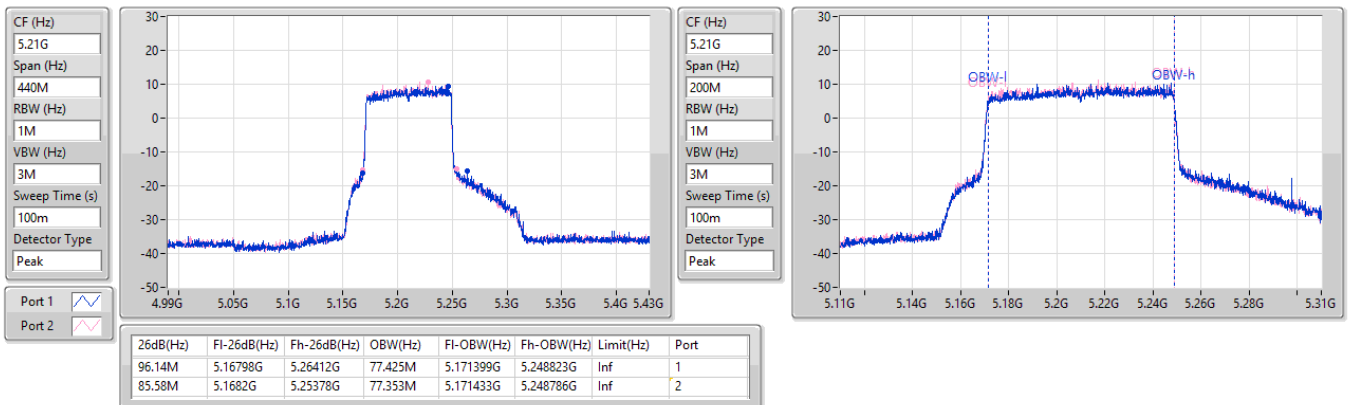


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5230MHz

20/09/2025


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5210MHz

20/09/2025

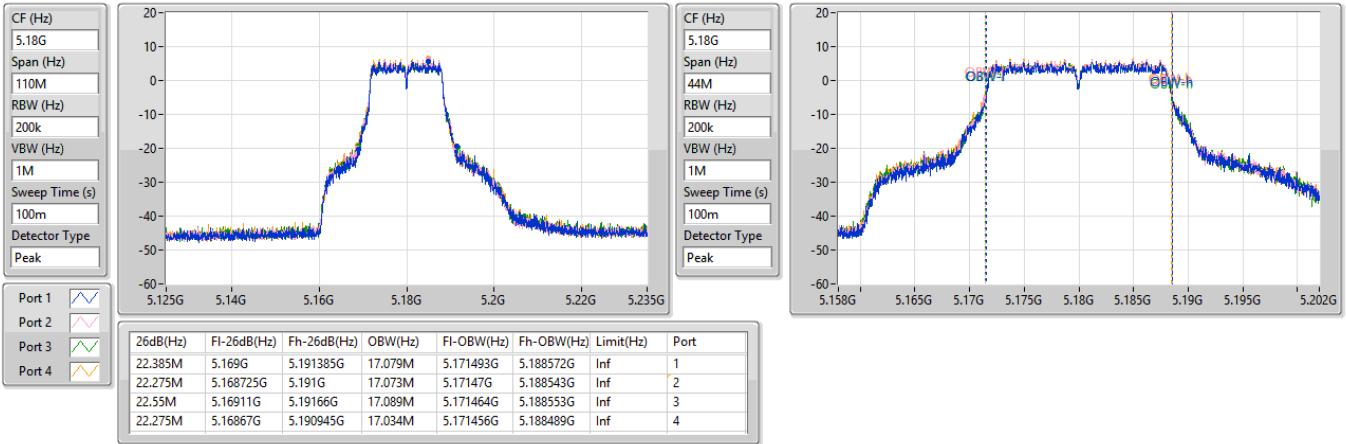


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

20/09/2025

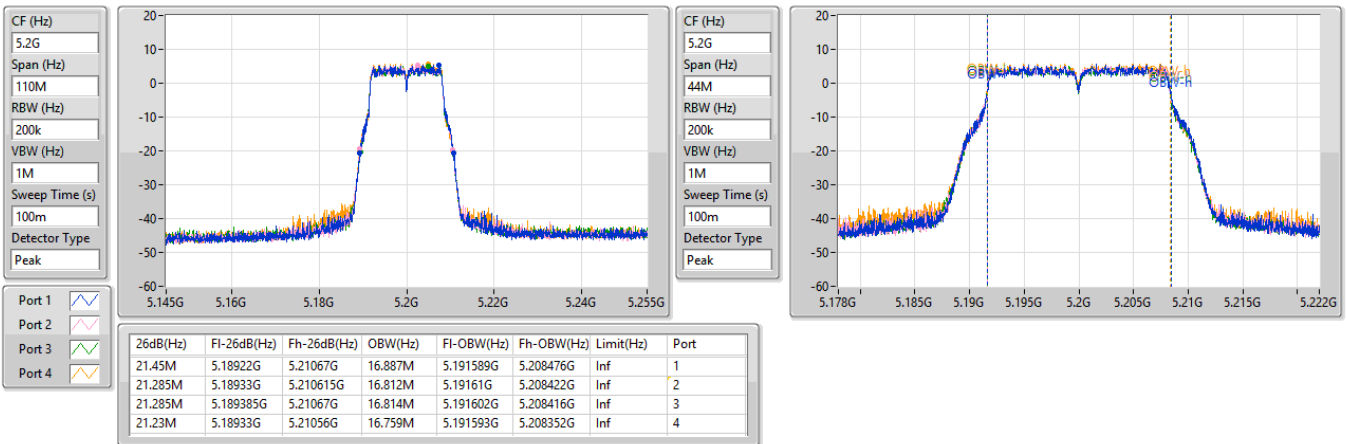


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

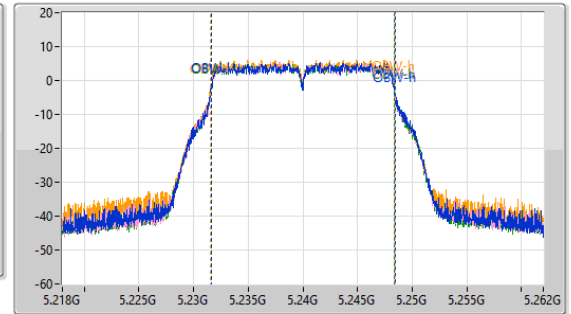
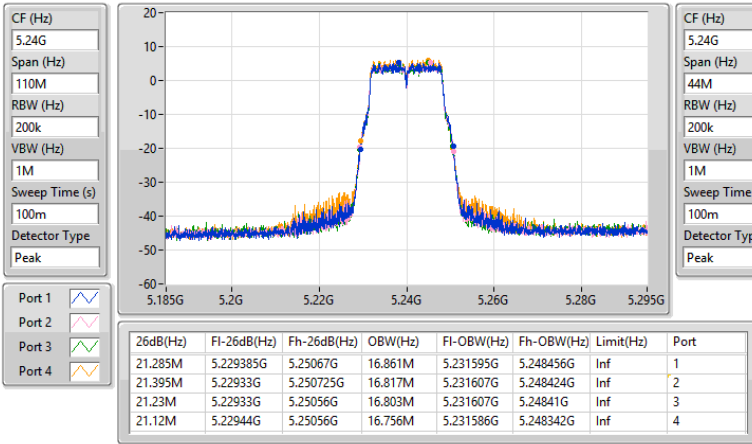
5200MHz

20/09/2025

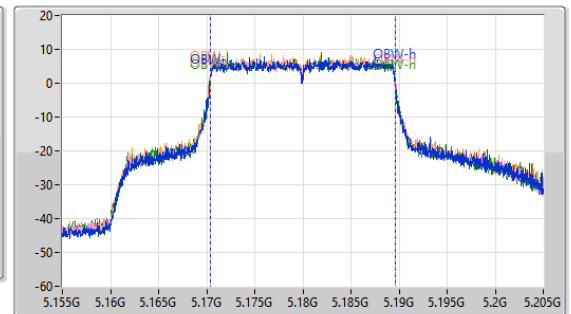
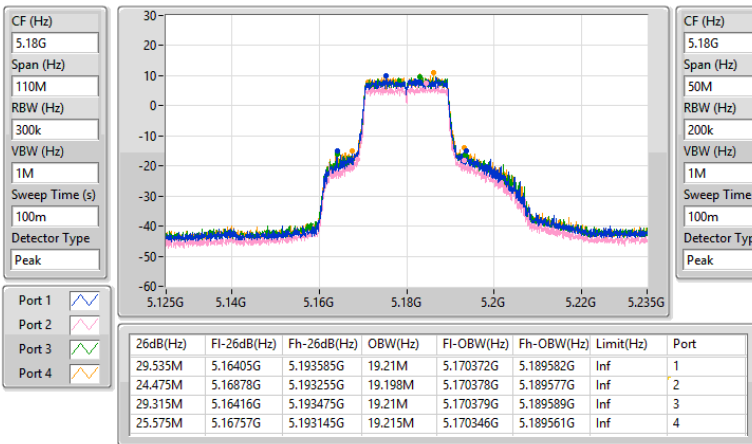


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

20/09/2025


5.15-5.25GHz_802.11be_EHT20_Nss1,(MCS0)_4TX
EBW
5180MHz

20/09/2025

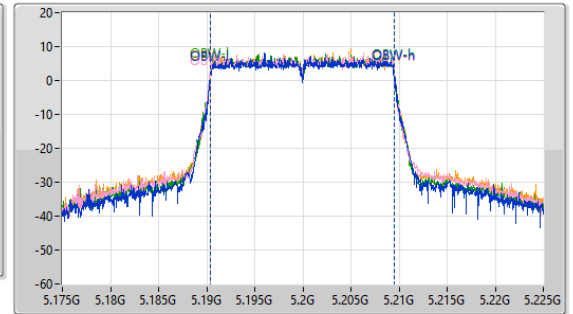
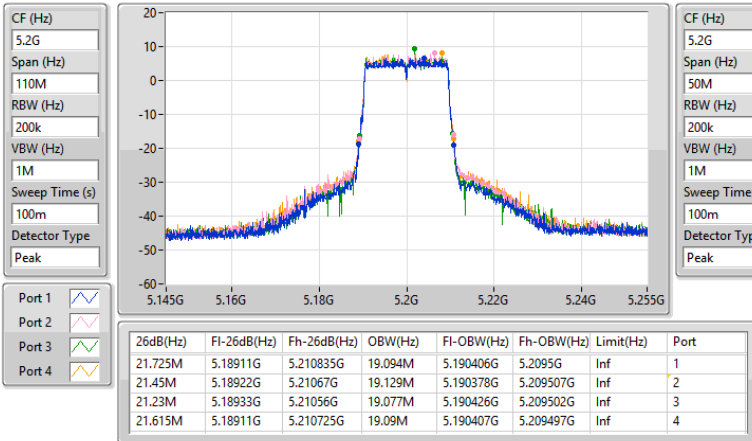


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

20/09/2025

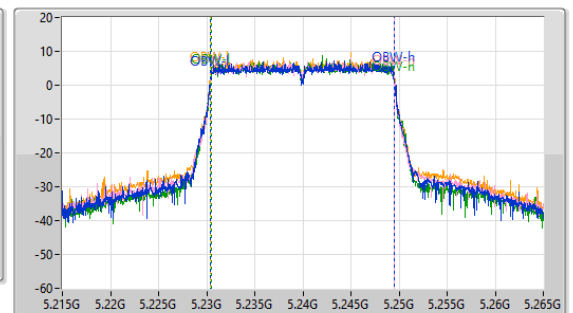
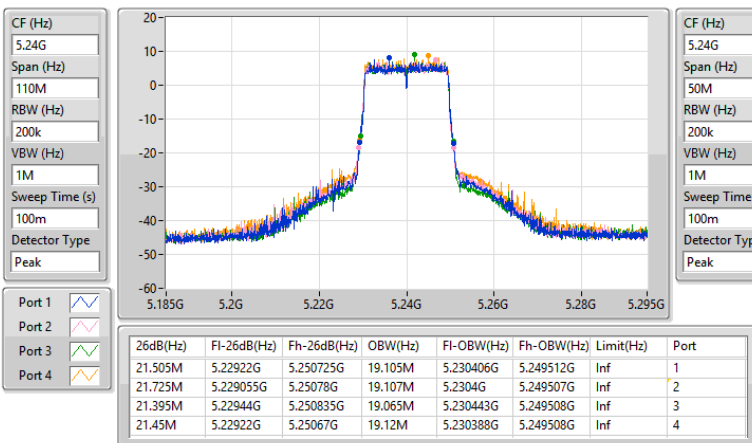


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

20/09/2025

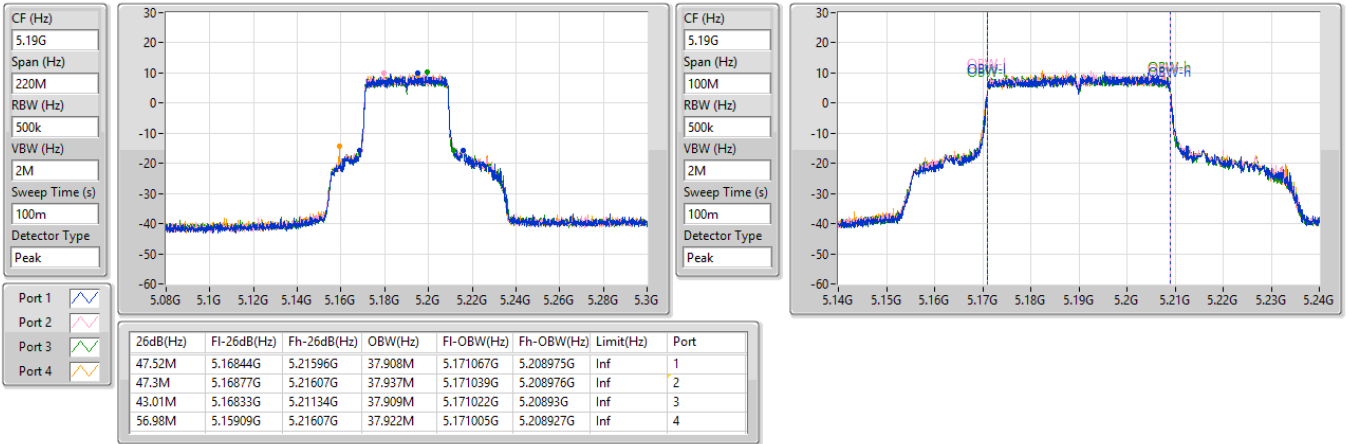


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

20/09/2025

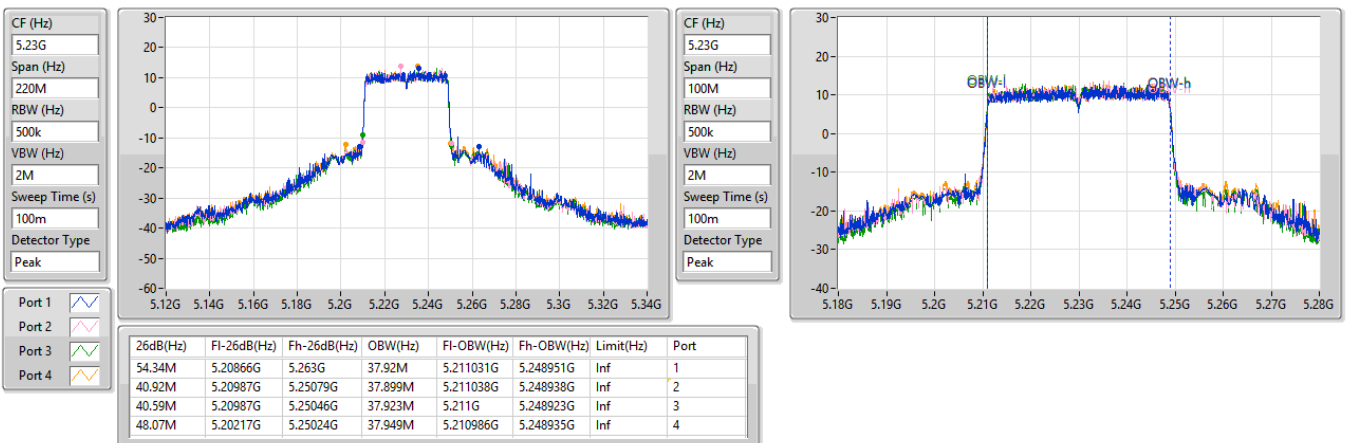


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

20/09/2025

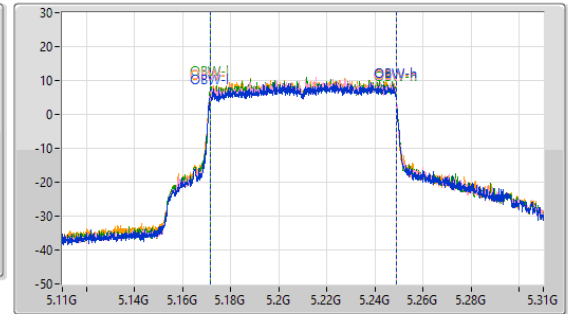
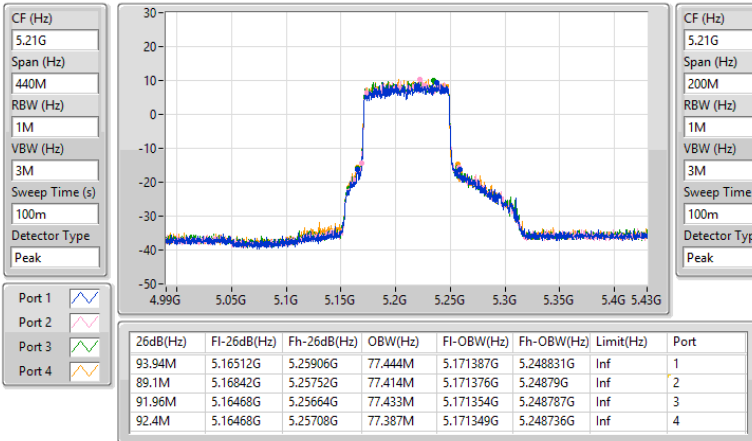


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

20/09/2025

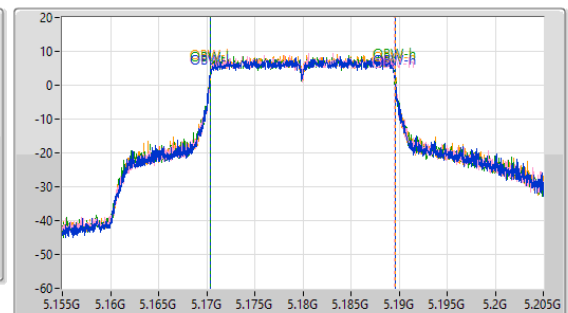
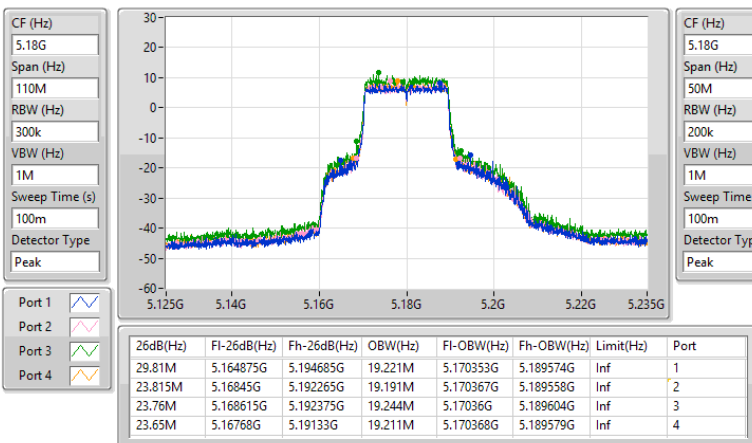


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5180MHz

20/09/2025

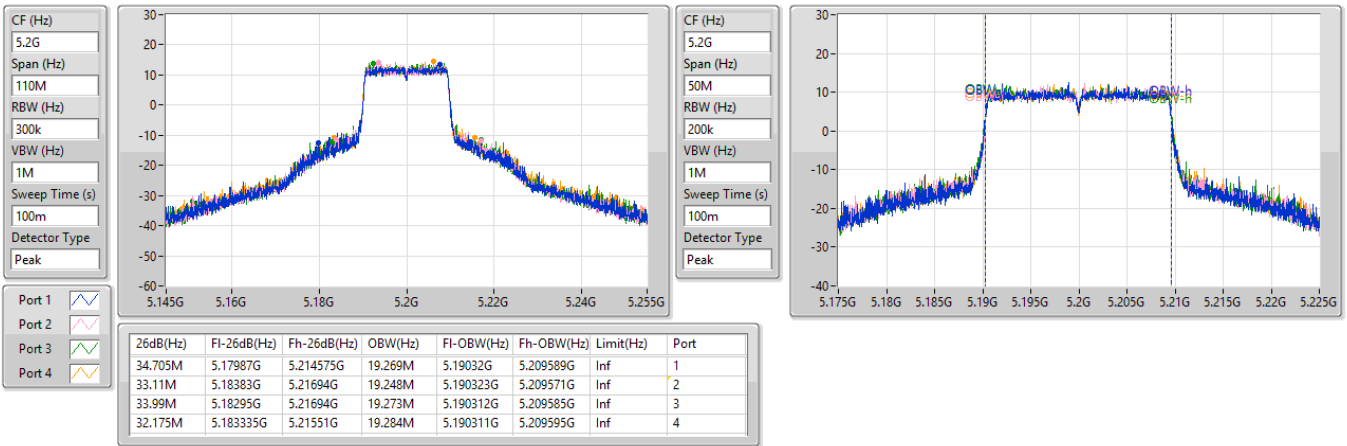


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5200MHz

20/09/2025

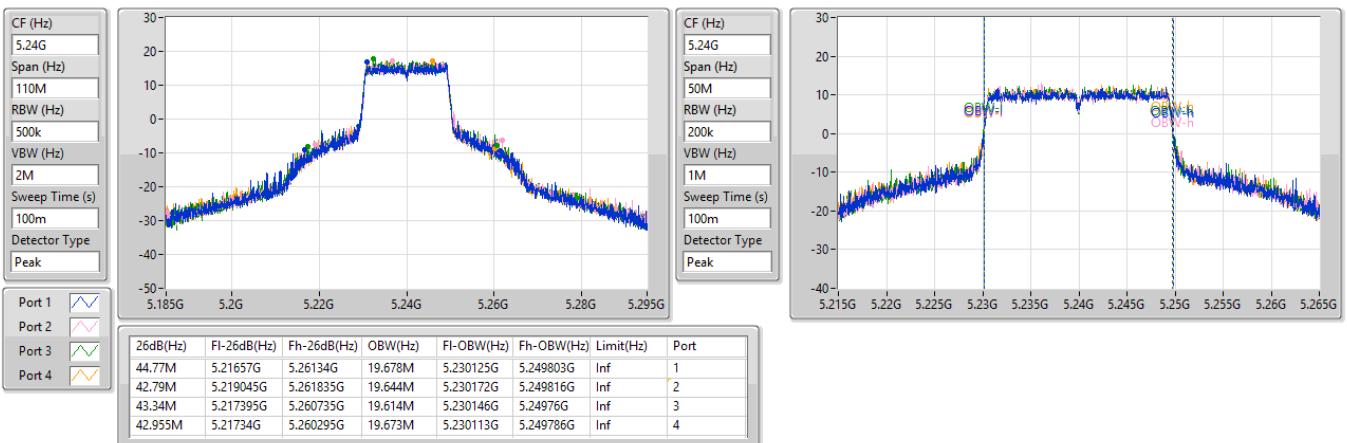


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

20/09/2025

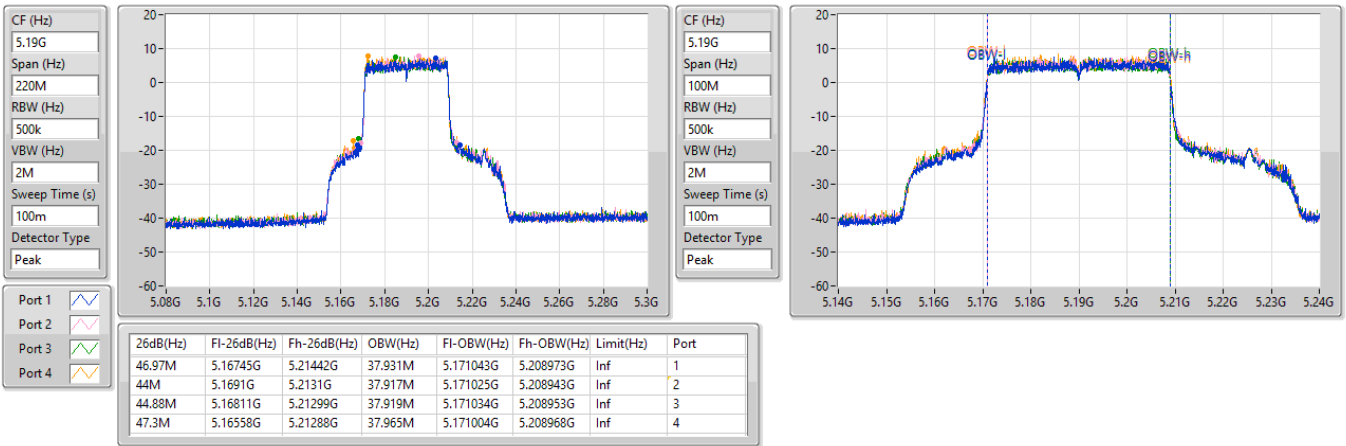


5.15-5.25GHz_802.11be EHT40_Nss4_(MCS0)_4TX

EBW

5190MHz

20/09/2025

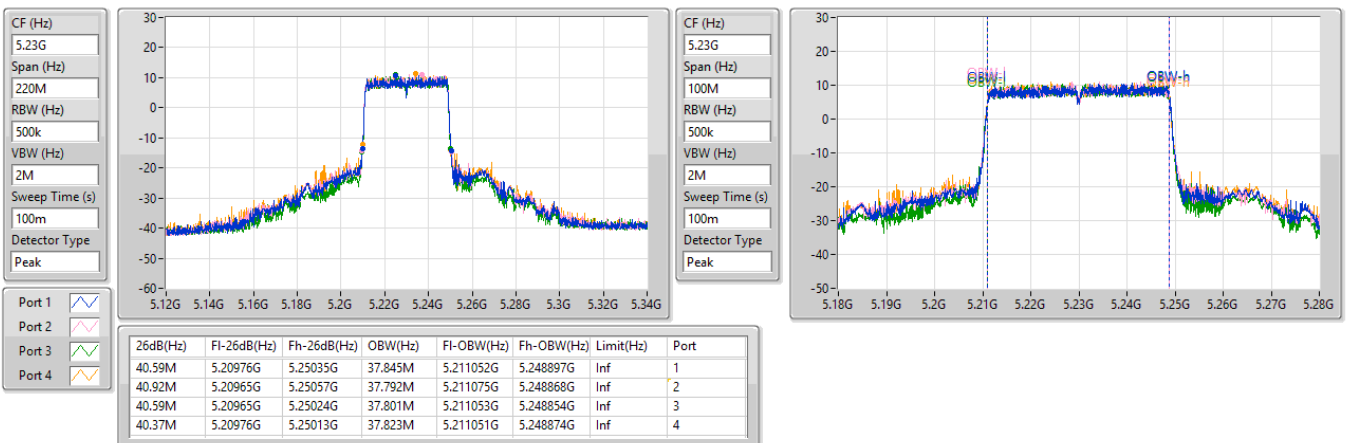


5.15-5.25GHz_802.11be EHT40_Nss4_(MCS0)_4TX

EBW

5230MHz

20/09/2025

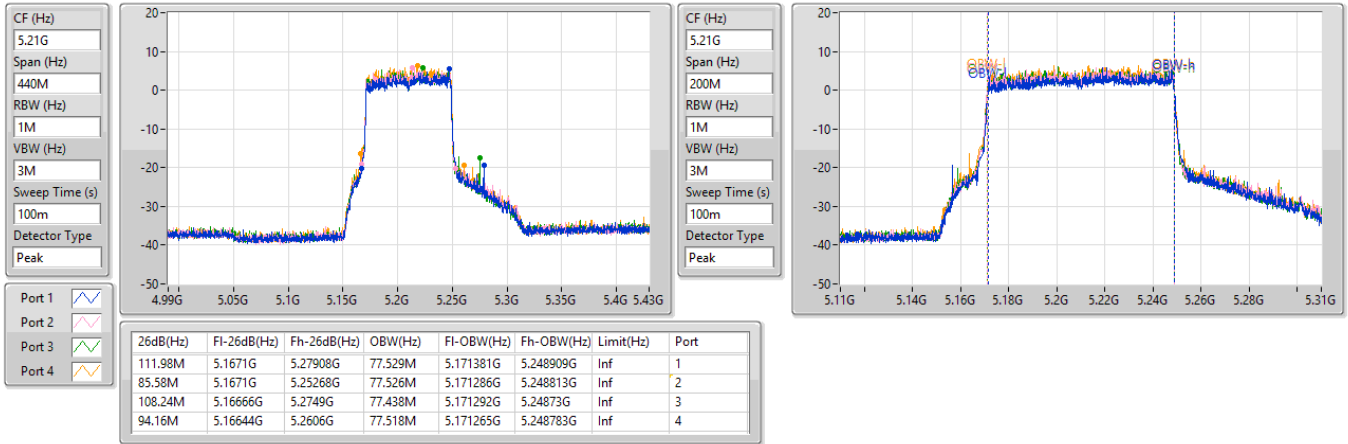


5.15-5.25GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5210MHz

20/09/2025



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	-	-	-	-	-
802.11a_Nss1.(6Mbps)_1TX	22.44M	17.072M	17M1D1D	21.23M	16.837M
802.11be EHT20_Nss1.(MCS0)_1TX	28.545M	19.239M	19M2D1D	21.615M	19.111M
802.11be EHT40_Nss1.(MCS0)_1TX	41.91M	37.903M	37M9D1D	40.92M	37.758M
802.11be EHT80_Nss1.(MCS0)_1TX	88.44M	77.41M	77M4D1D	88.44M	77.41M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

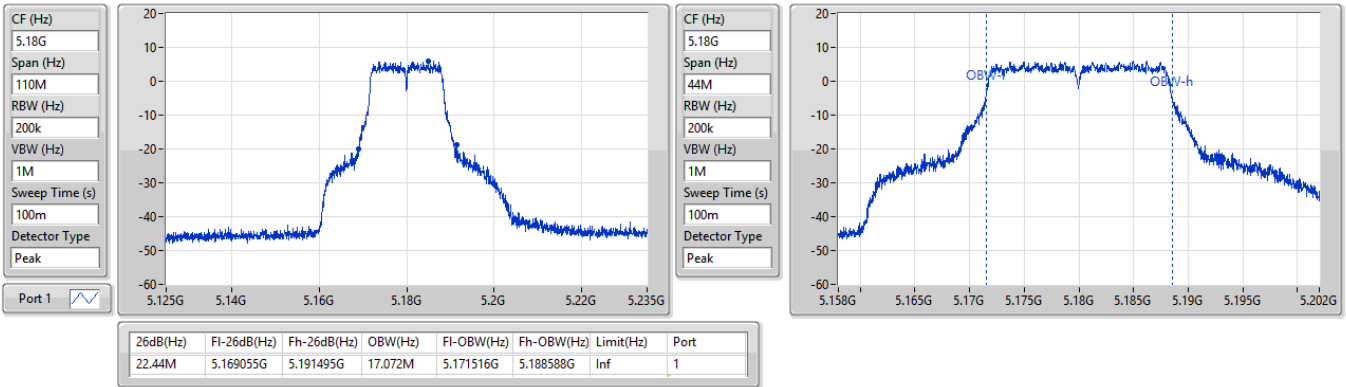
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.44M	17.072M
5200MHz	Pass	Inf	21.23M	16.837M
5240MHz	Pass	Inf	21.45M	16.875M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.545M	19.239M
5200MHz	Pass	Inf	21.615M	19.136M
5240MHz	Pass	Inf	21.615M	19.111M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.91M	37.903M
5230MHz	Pass	Inf	40.92M	37.758M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	88.44M	77.41M

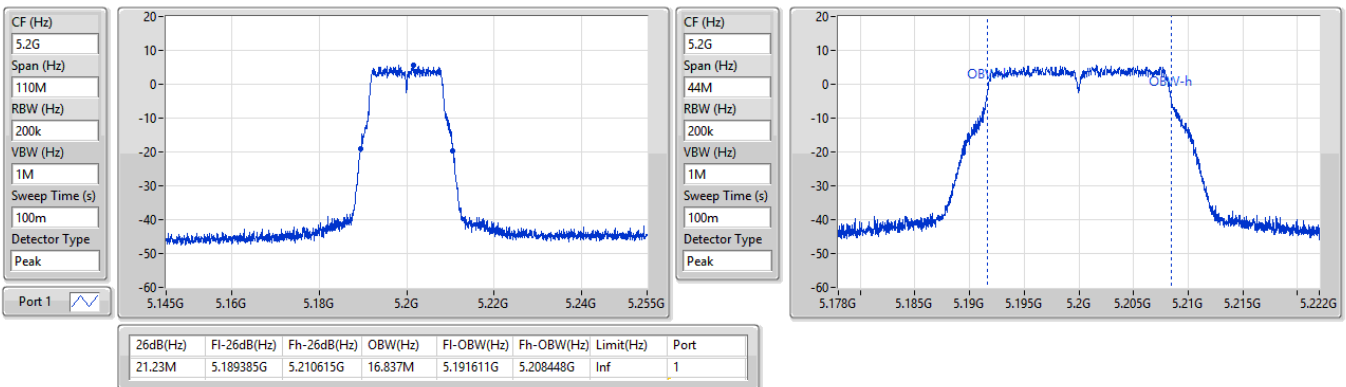
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

20/09/2025


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

20/09/2025

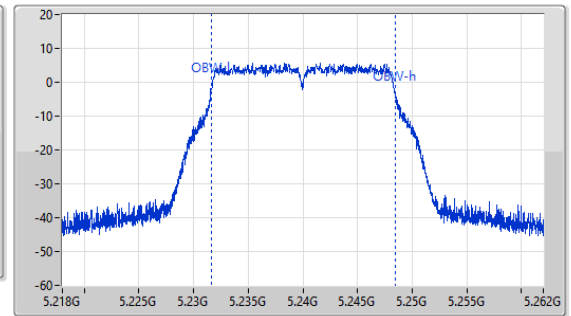
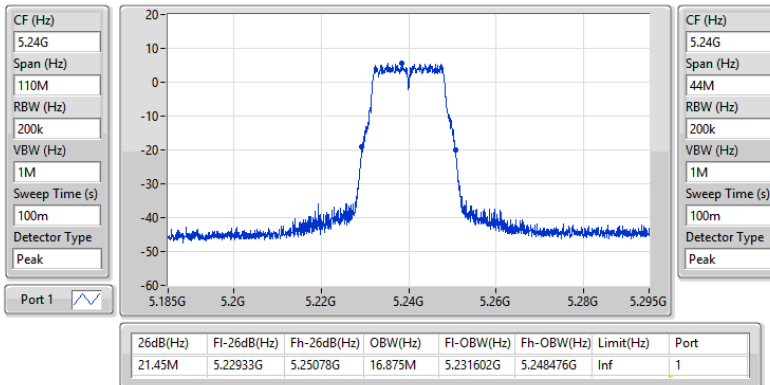


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

20/09/2025

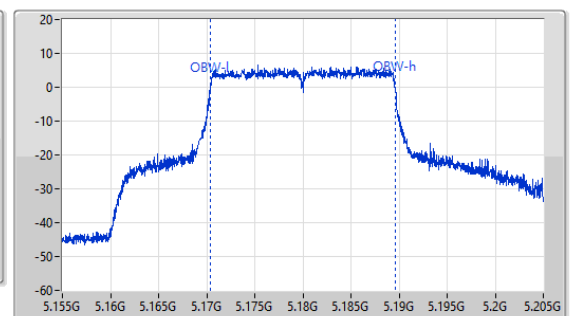
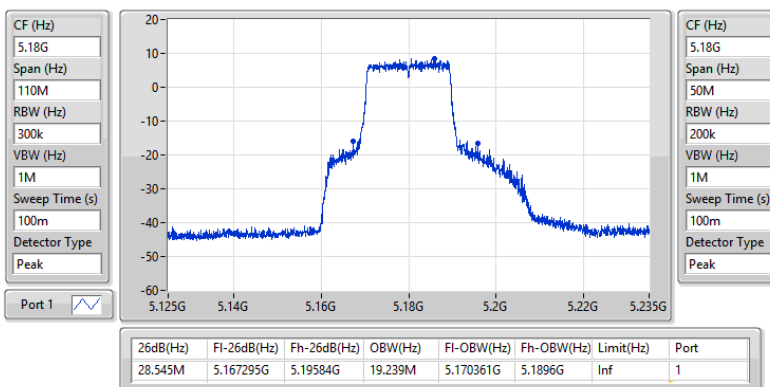


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

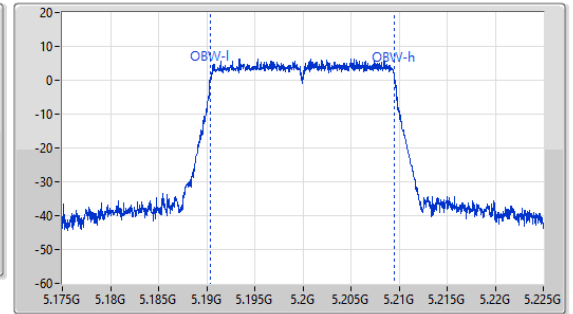
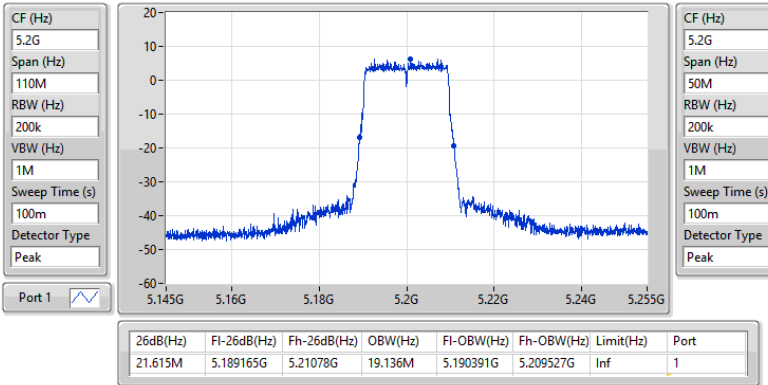
5180MHz

20/09/2025

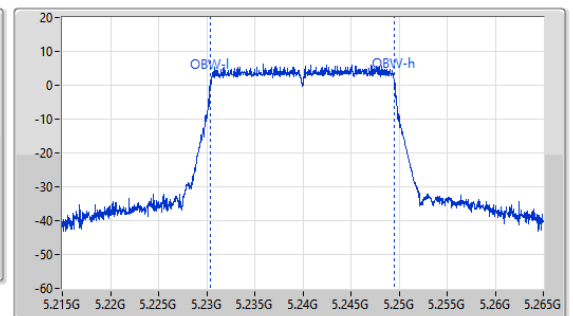
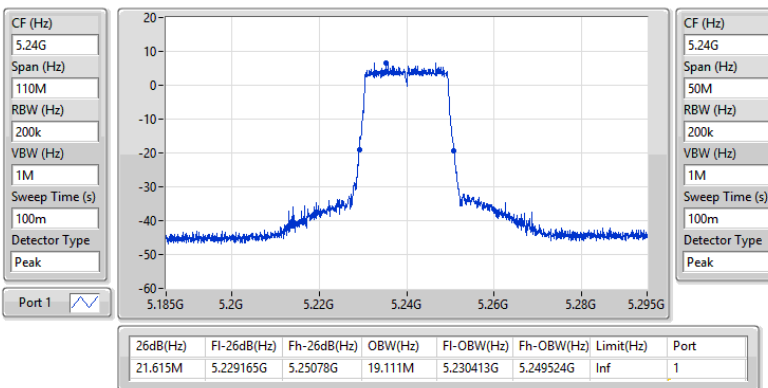


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

20/09/2025

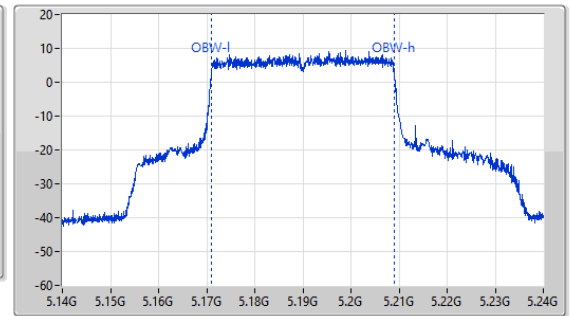
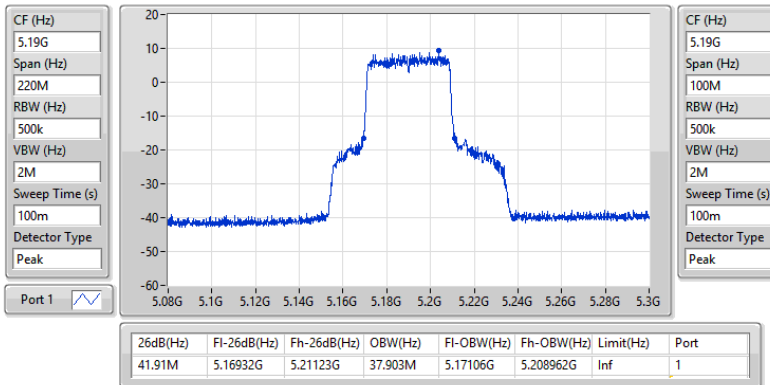

5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

20/09/2025

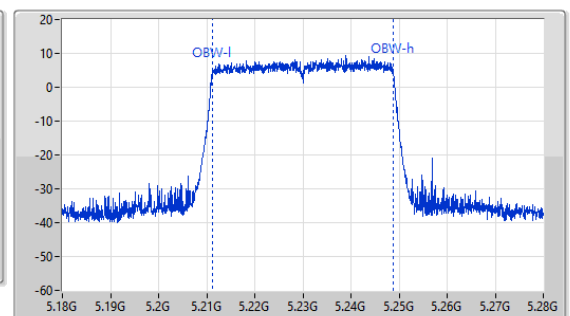
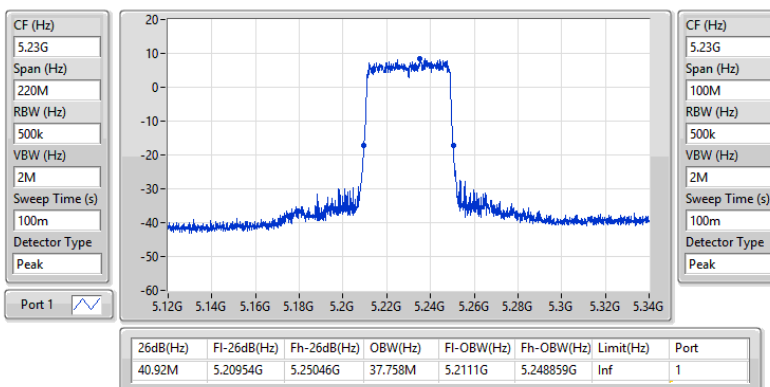


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5190MHz

20/09/2025


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5230MHz

20/09/2025

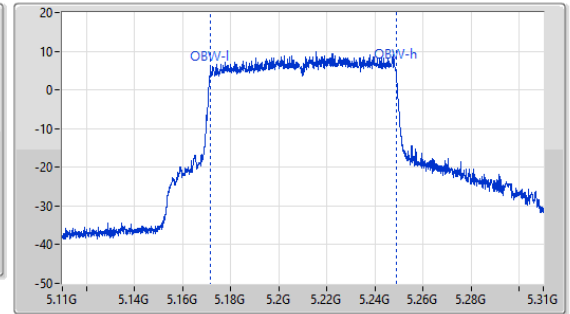
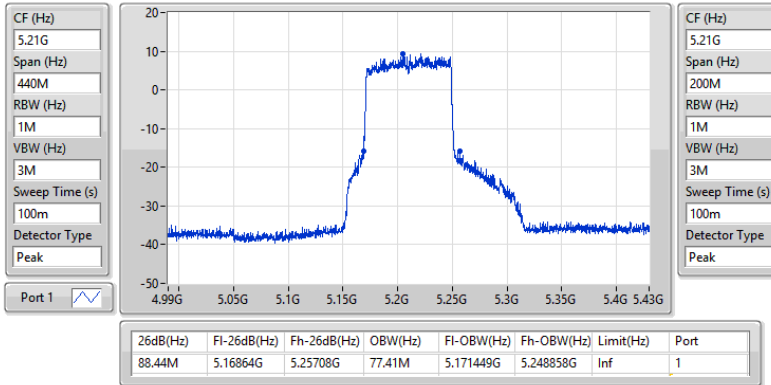


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/09/2025



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	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	22.605M	17.044M	17M0D1D	21.065M	16.668M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

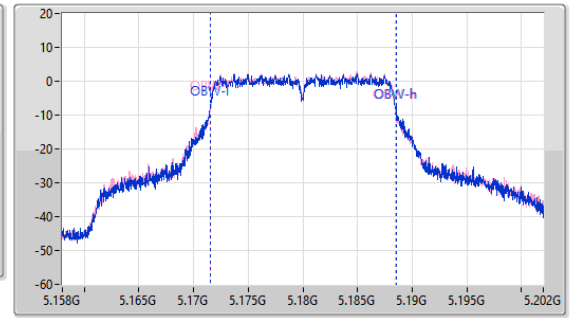
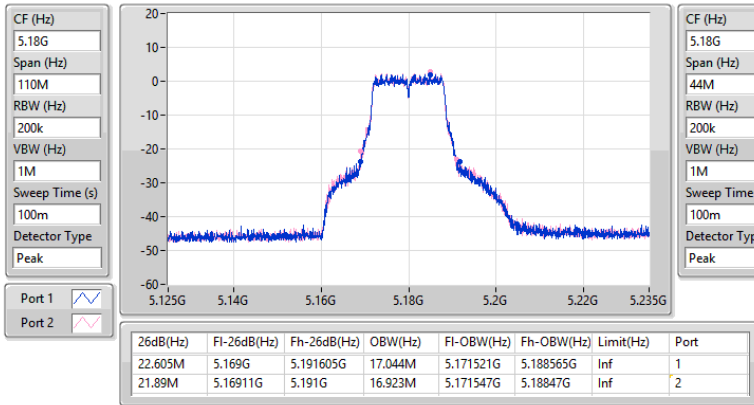
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.605M	17.044M	21.89M	16.923M
5200MHz	Pass	Inf	21.395M	16.875M	21.065M	16.668M
5240MHz	Pass	Inf	21.23M	16.847M	21.175M	16.668M

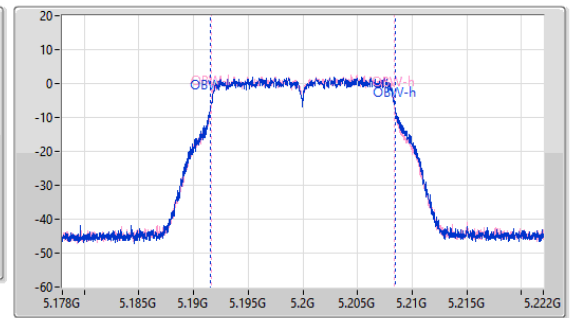
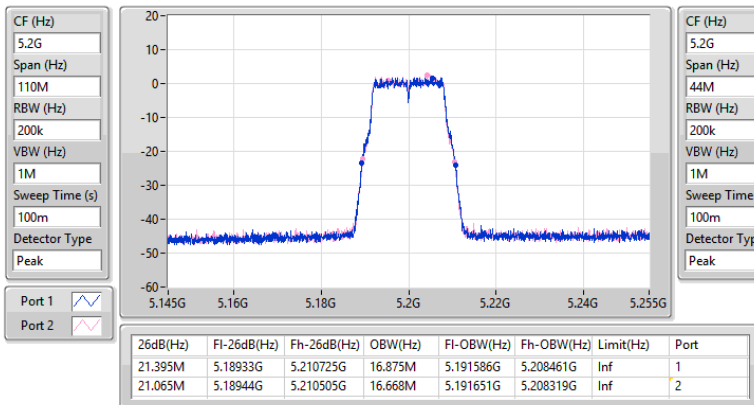
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

20/09/2025


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

20/09/2025

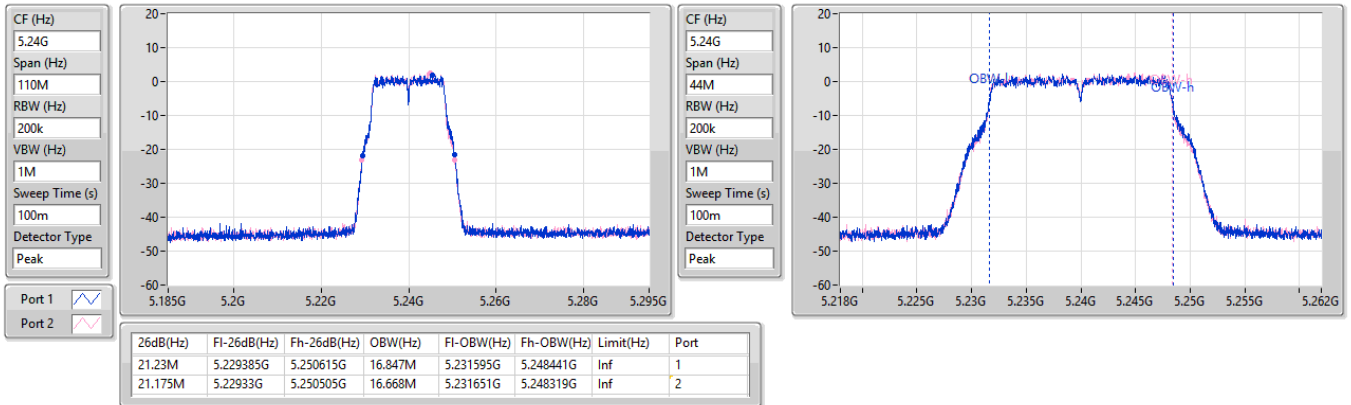


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

20/09/2025



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 EHT20_Nss2,(MCS0)_2TX	25.3M	19.204M	19M2D1D	21.56M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	42.79M	37.928M	37M9D1D	40.59M	37.722M
802.11be EHT80_Nss2,(MCS0)_2TX	90.86M	77.469M	77M5D1D	85.8M	77.406M

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

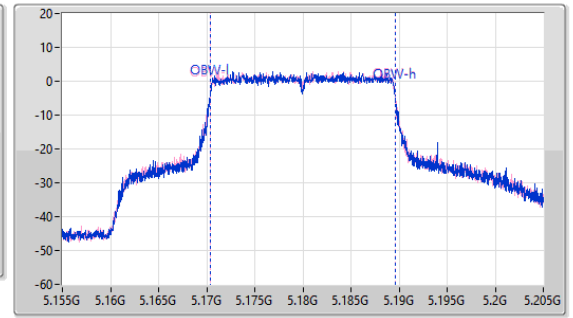
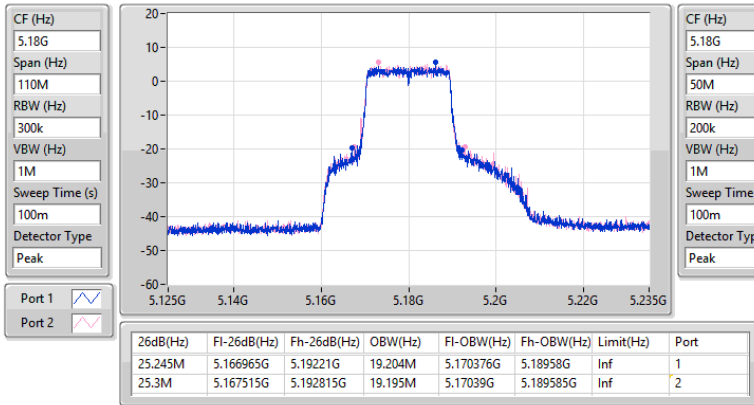
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.245M	19.204M	25.3M	19.195M
5200MHz	Pass	Inf	21.725M	19.122M	21.615M	19.085M
5240MHz	Pass	Inf	21.725M	19.077M	21.56M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.79M	37.928M	42.24M	37.908M
5230MHz	Pass	Inf	40.59M	37.741M	40.59M	37.722M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.8M	77.469M	90.86M	77.406M

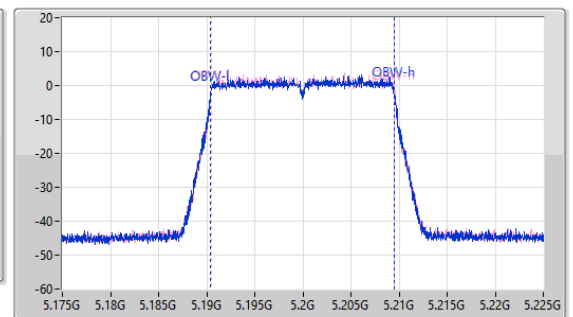
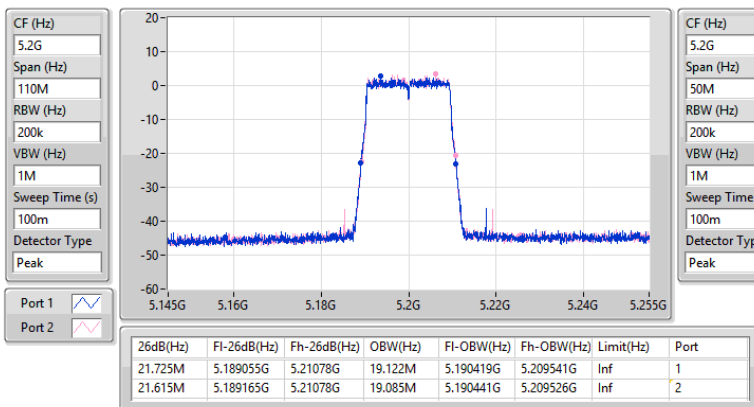
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5180MHz

20/09/2025


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5200MHz

20/09/2025

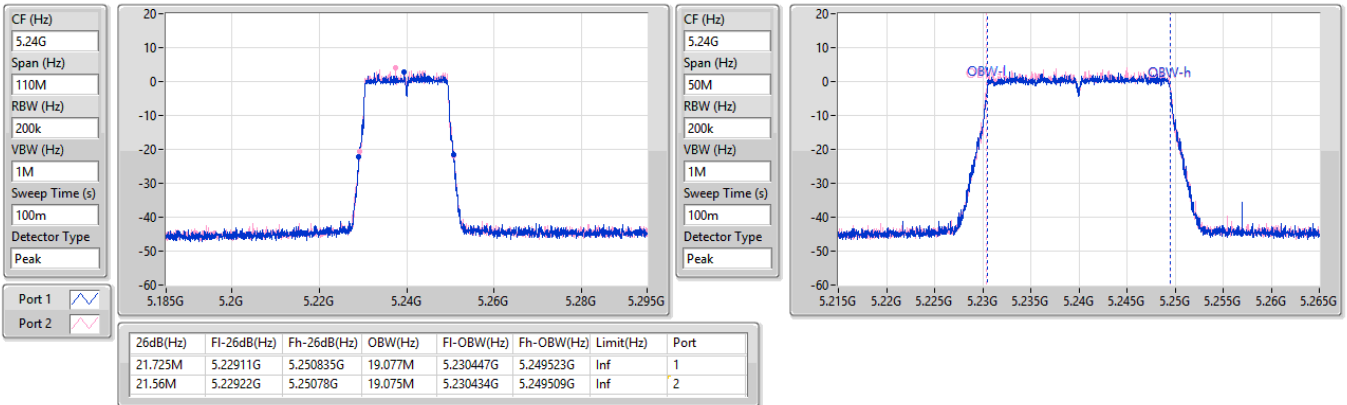


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

20/09/2025

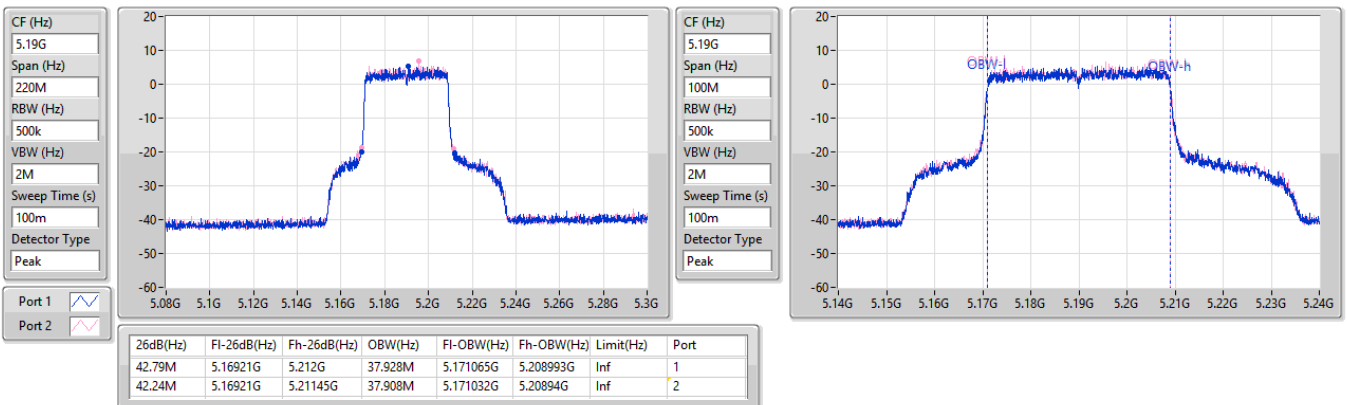


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

20/09/2025

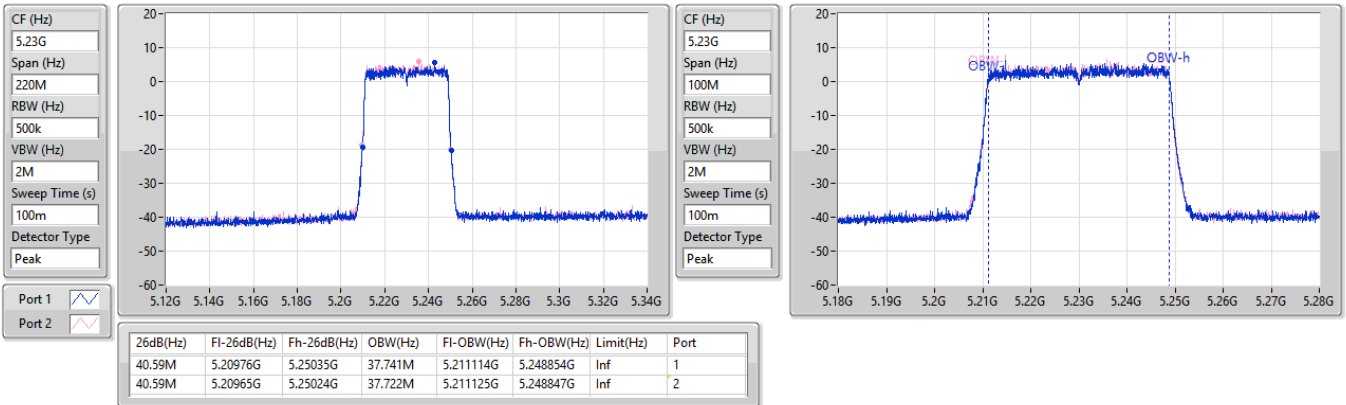


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5230MHz

20/09/2025

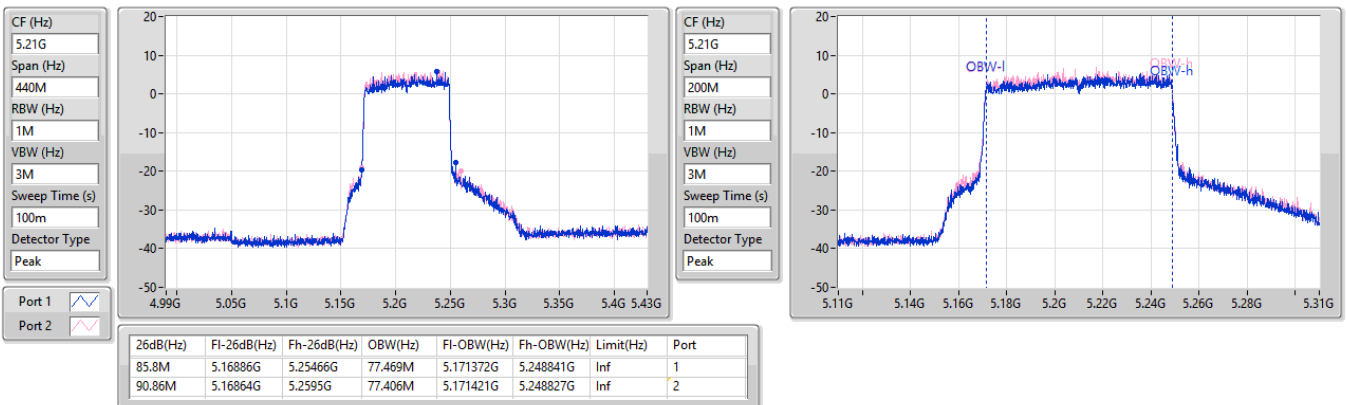


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

20/09/2025



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	-	-	-	-	-
802.11a_Nss1.(6Mbps)_4TX	24.695M	17.083M	17M1D1D	21.285M	16.763M
802.11be EHT20_Nss1.(MCS0)_4TX	32.945M	19.231M	19M2D1D	21.505M	19.068M
802.11be EHT40_Nss1.(MCS0)_4TX	49.06M	37.963M	38M0D1D	40.15M	37.725M
802.11be EHT80_Nss1.(MCS0)_4TX	89.98M	77.492M	77M5D1D	83.38M	77.38M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.695M	17.082M	22.385M	17.045M	22.99M	17.083M	22M	17.062M
5200MHz	Pass	Inf	21.34M	16.859M	21.395M	16.816M	21.505M	16.827M	21.45M	16.769M
5240MHz	Pass	Inf	21.56M	16.873M	21.45M	16.832M	21.395M	16.82M	21.285M	16.763M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	32.945M	19.231M	28.16M	19.196M	27.995M	19.224M	25.025M	19.209M
5200MHz	Pass	Inf	21.67M	19.098M	21.505M	19.068M	21.725M	19.162M	21.505M	19.096M
5240MHz	Pass	Inf	21.505M	19.087M	21.67M	19.092M	21.56M	19.095M	21.56M	19.093M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.74M	37.927M	43.78M	37.928M	49.06M	37.963M	46.86M	37.928M
5230MHz	Pass	Inf	40.48M	37.756M	40.15M	37.753M	40.48M	37.725M	40.37M	37.782M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.38M	77.492M	89.98M	77.492M	89.98M	77.38M	89.32M	77.484M

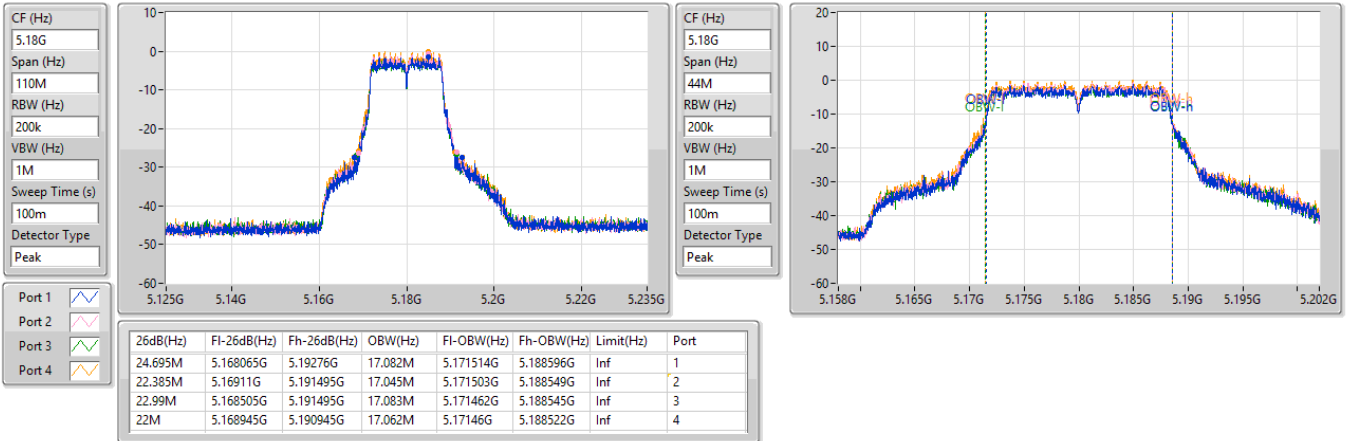
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

22/09/2025

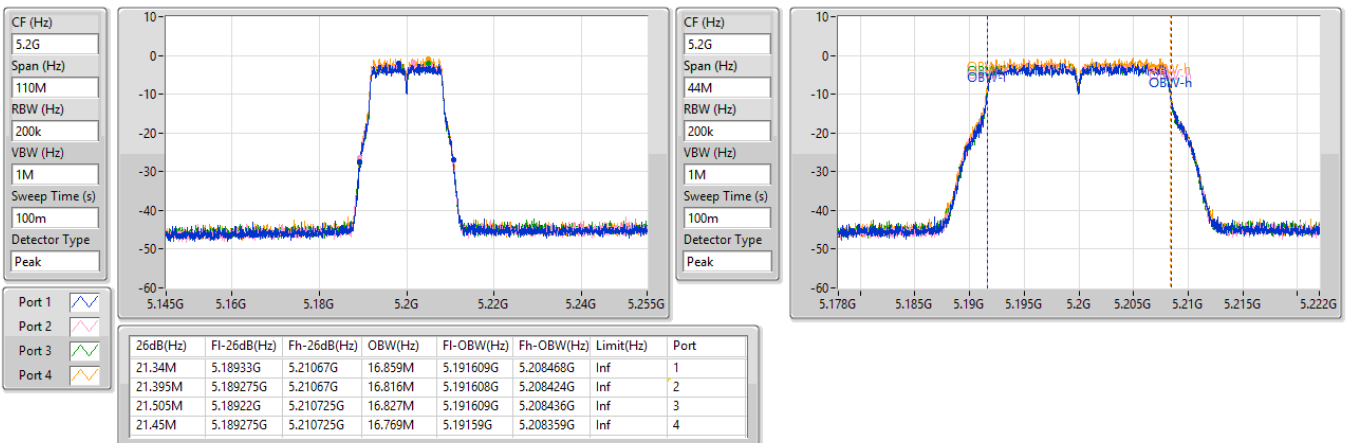


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

22/09/2025

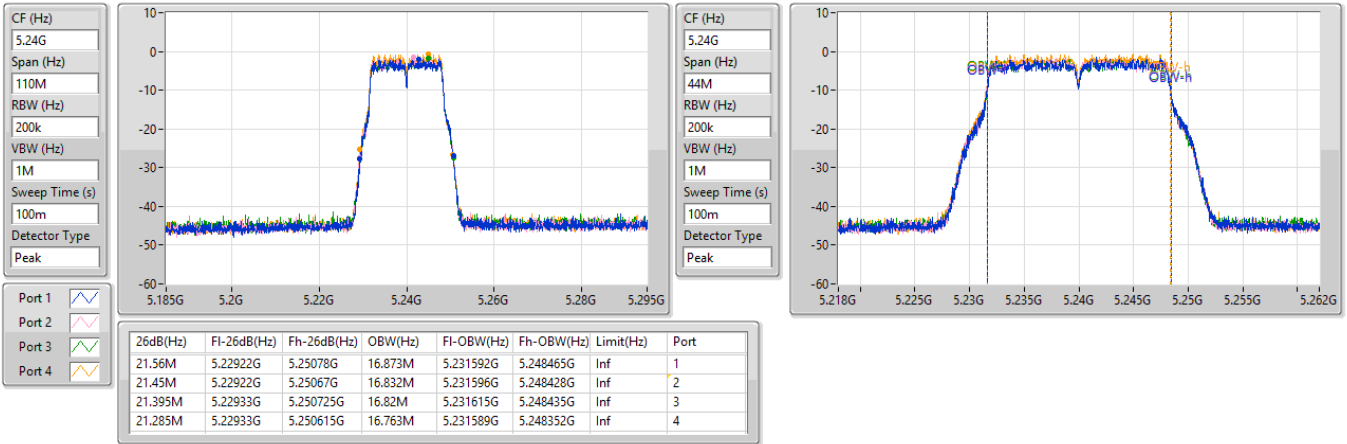


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

22/09/2025

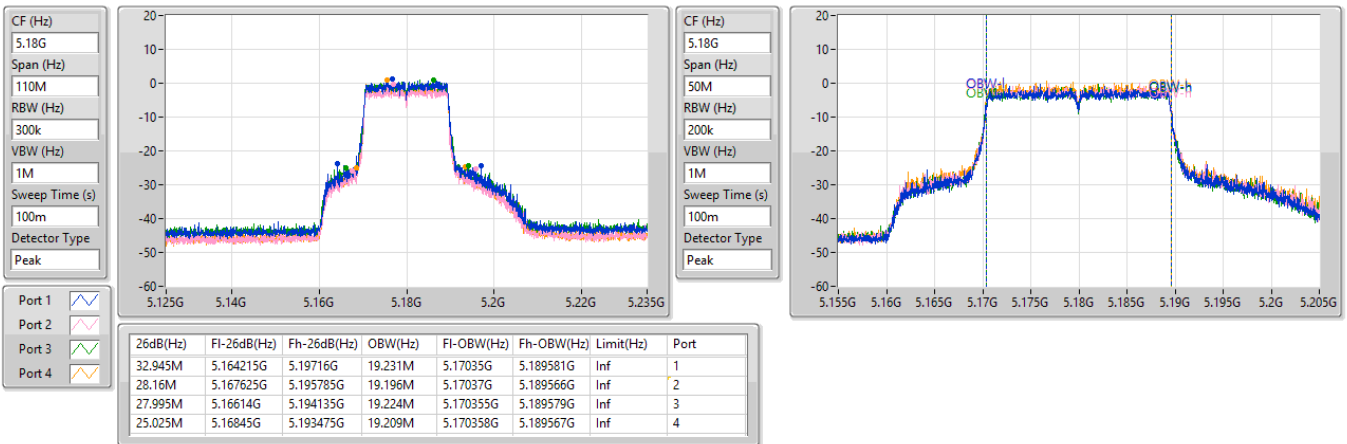


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

22/09/2025

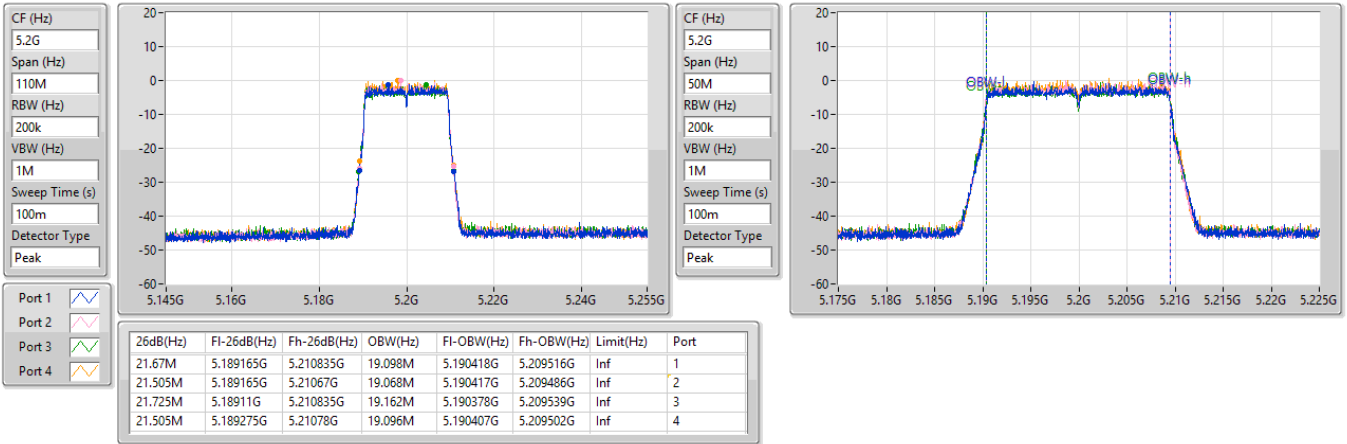


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

22/09/2025

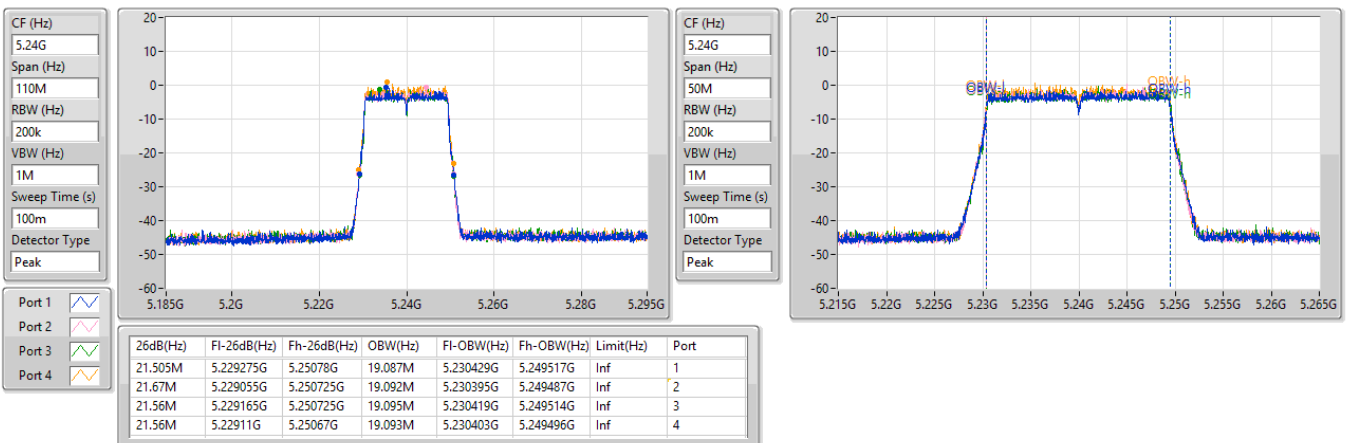


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

22/09/2025

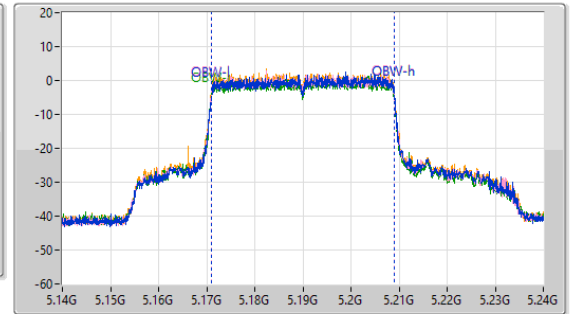
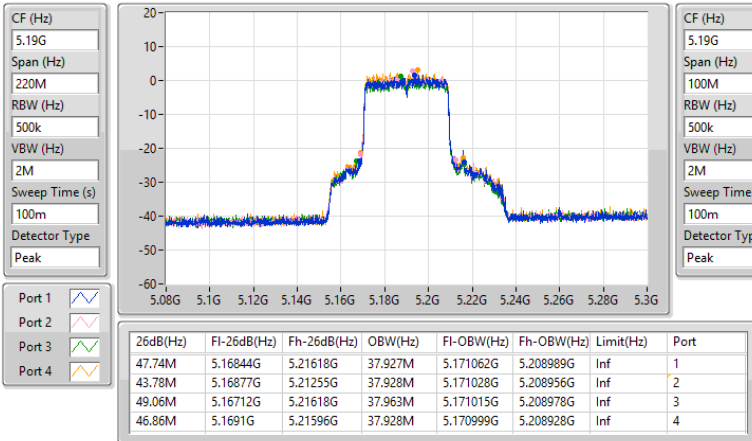


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

22/09/2025

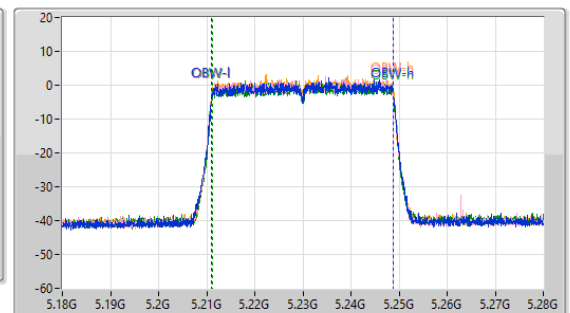
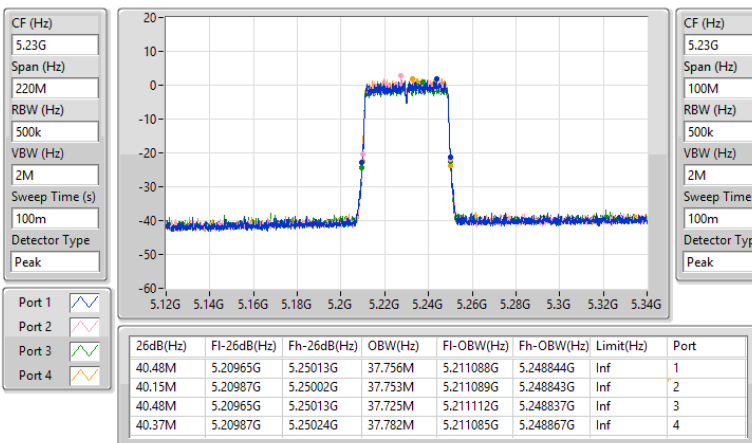


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

22/09/2025

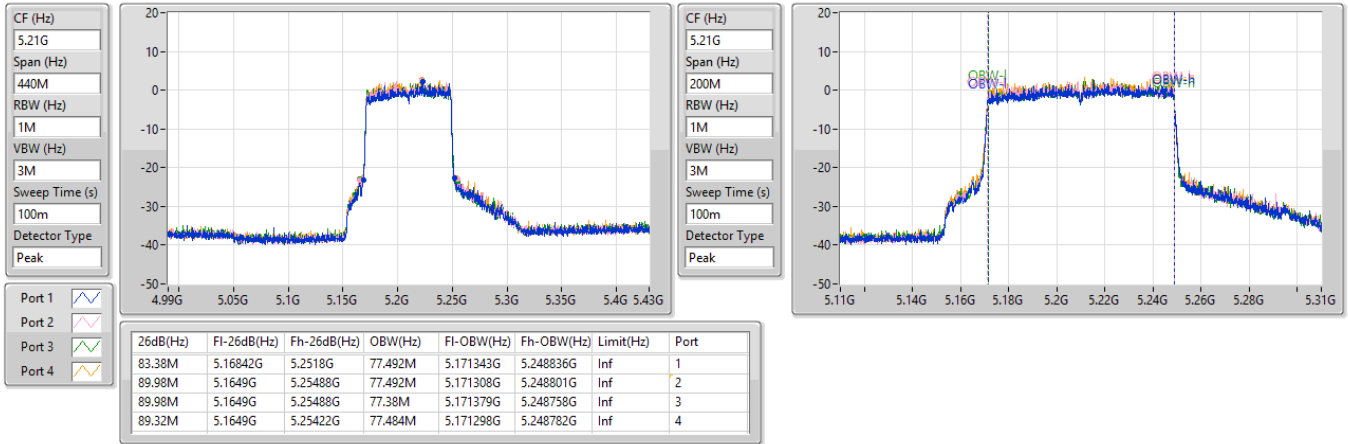


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

22/09/2025



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 EHT20_Nss4,(MCS0)_4TX	30.91M	19.234M	19M2D1D	21.395M	19.06M
802.11be EHT40_Nss4,(MCS0)_4TX	55.33M	37.931M	37M9D1D	40.48M	37.758M
802.11be EHT80_Nss4,(MCS0)_4TX	89.76M	77.547M	77M5D1D	84.92M	77.488M

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 EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	30.91M	19.211M	26.125M	19.201M	29.7M	19.234M	25.135M	19.2M
5200MHz	Pass	Inf	21.78M	19.103M	21.615M	19.081M	21.67M	19.092M	21.505M	19.076M
5240MHz	Pass	Inf	21.395M	19.104M	21.505M	19.06M	21.67M	19.101M	21.505M	19.067M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.52M	37.931M	44.88M	37.911M	47.74M	37.891M	55.33M	37.93M
5230MHz	Pass	Inf	40.92M	37.769M	40.48M	37.77M	40.81M	37.758M	40.59M	37.778M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	89.76M	77.488M	84.92M	77.496M	88M	77.547M	86.24M	77.533M

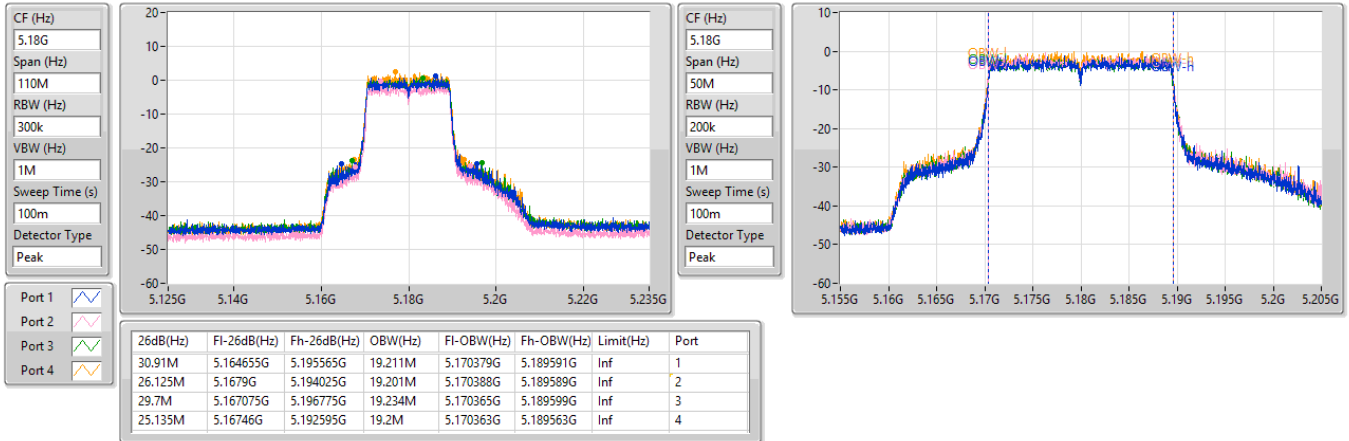
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5180MHz

22/09/2025

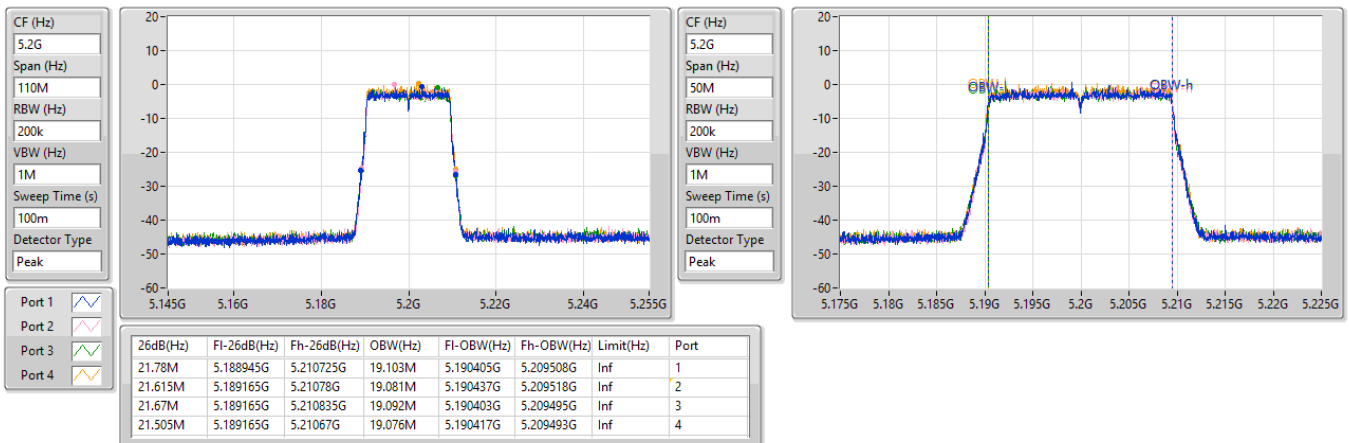


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5200MHz

22/09/2025

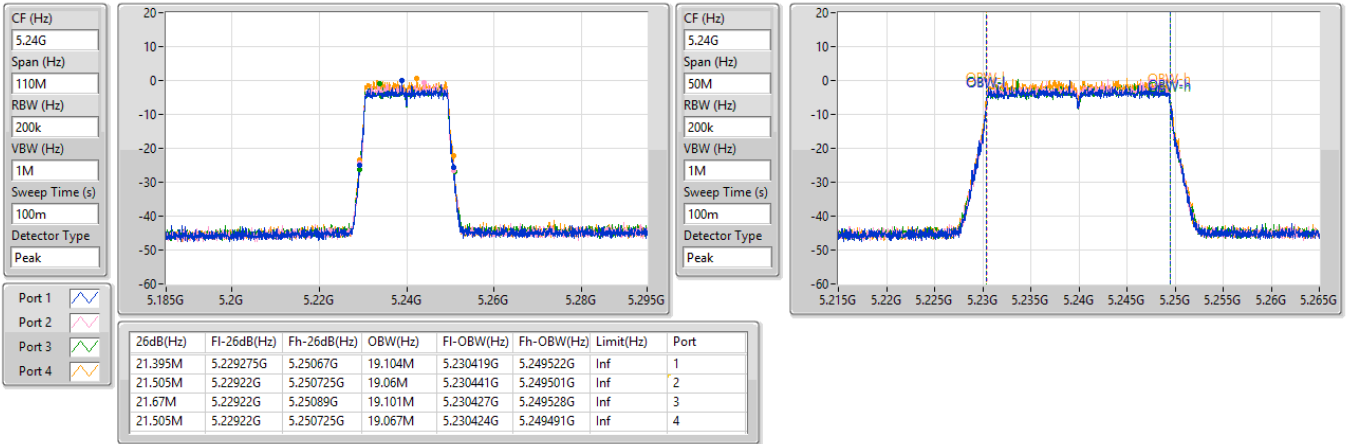


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

22/09/2025

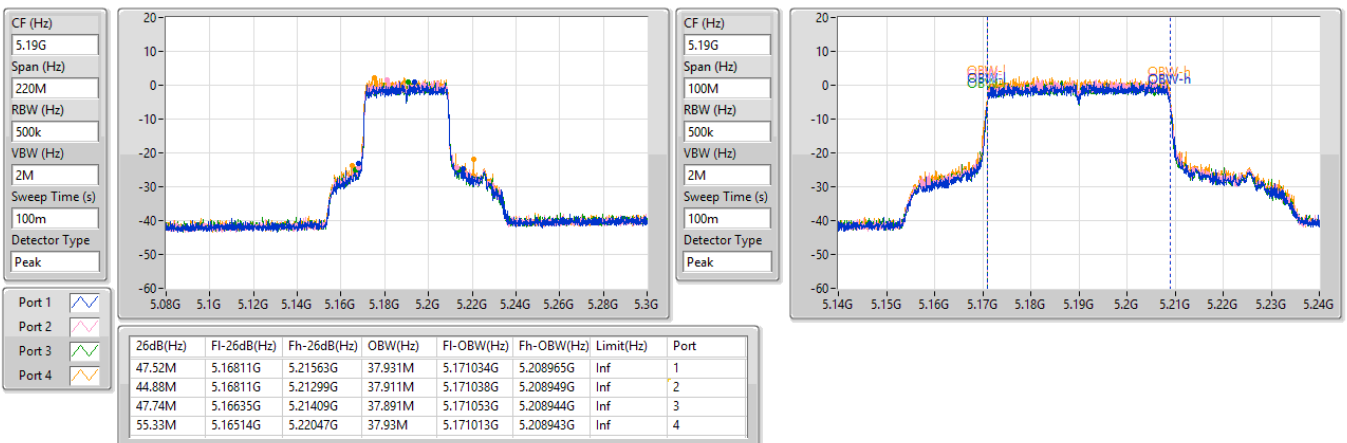


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

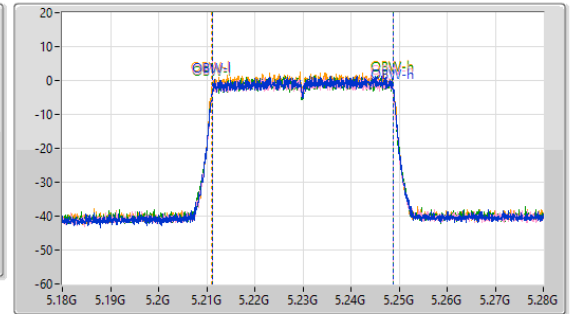
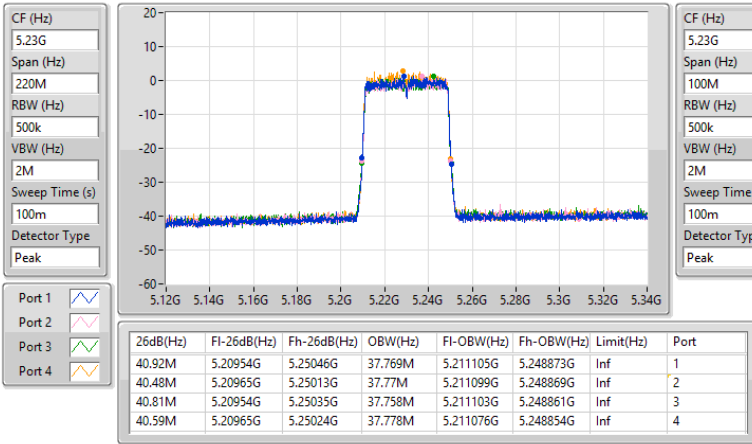
5190MHz

22/09/2025

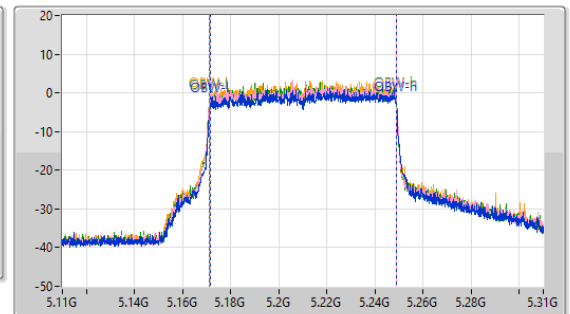
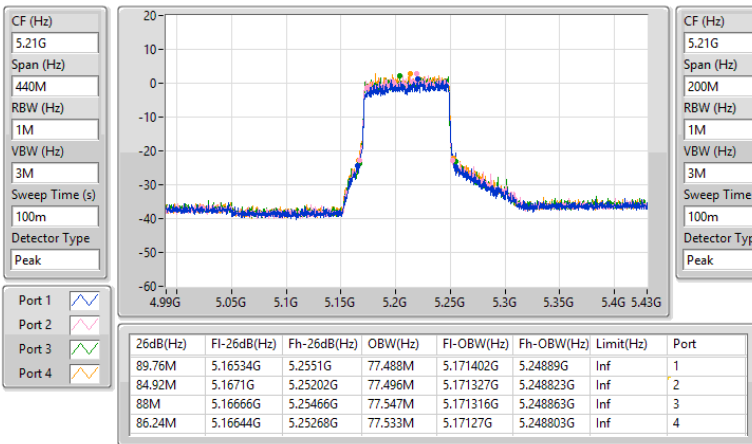


5.15-5.25GHz_802.11be EHT40_Nss4_(MCS0)_4TX
EBW
5230MHz

22/09/2025


5.15-5.25GHz_802.11be EHT80_Nss4_(MCS0)_4TX
EBW
5210MHz

22/09/2025



Test Mode: Mode 7

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_1TX	22.44M	17.072M	17M1D1D	21.23M	16.837M
802.11be EHT20_Nss1.(MCS0)_1TX	28.545M	19.239M	19M2D1D	21.615M	19.111M
802.11be EHT40_Nss1.(MCS0)_1TX	41.91M	37.903M	37M9D1D	40.92M	37.758M
802.11be EHT80_Nss1.(MCS0)_1TX	88.44M	77.41M	77M4D1D	88.44M	77.41M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

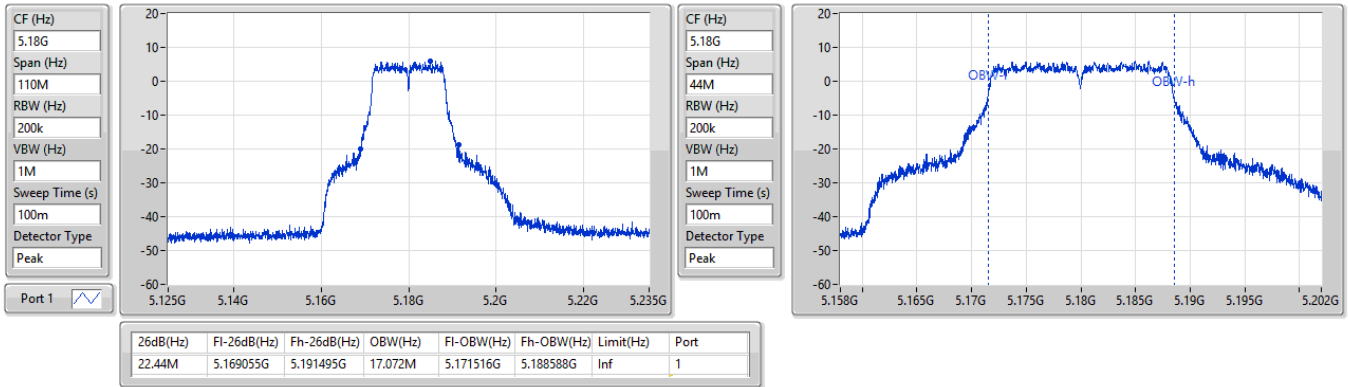
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.44M	17.072M
5200MHz	Pass	Inf	21.23M	16.837M
5240MHz	Pass	Inf	21.45M	16.875M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.545M	19.239M
5200MHz	Pass	Inf	21.615M	19.136M
5240MHz	Pass	Inf	21.615M	19.111M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.91M	37.903M
5230MHz	Pass	Inf	40.92M	37.758M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	88.44M	77.41M

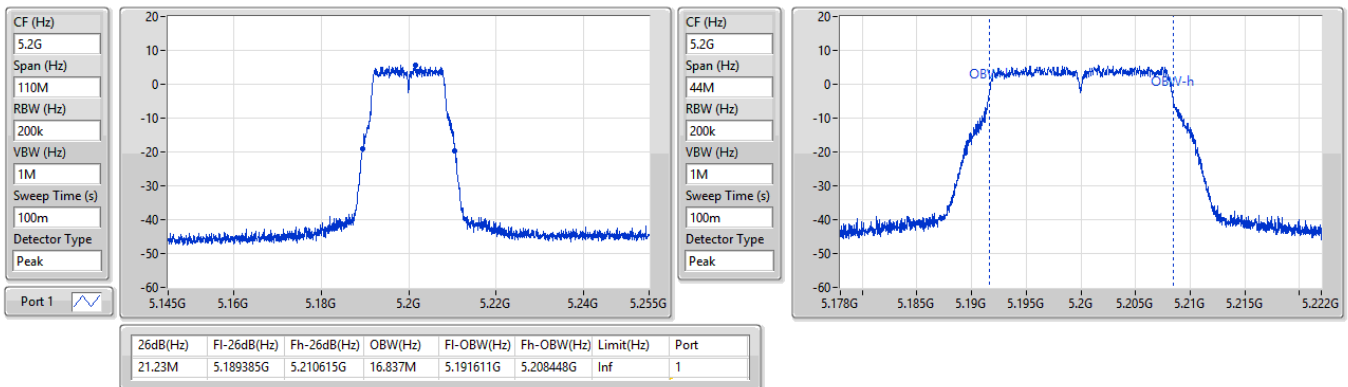
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

20/09/2025

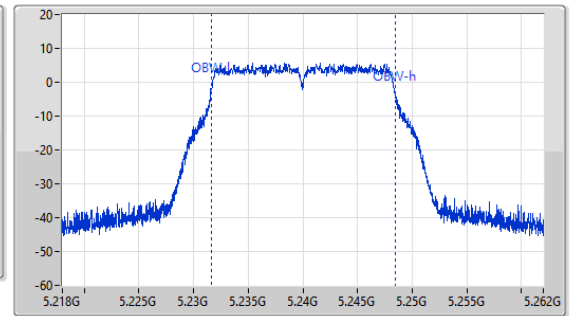
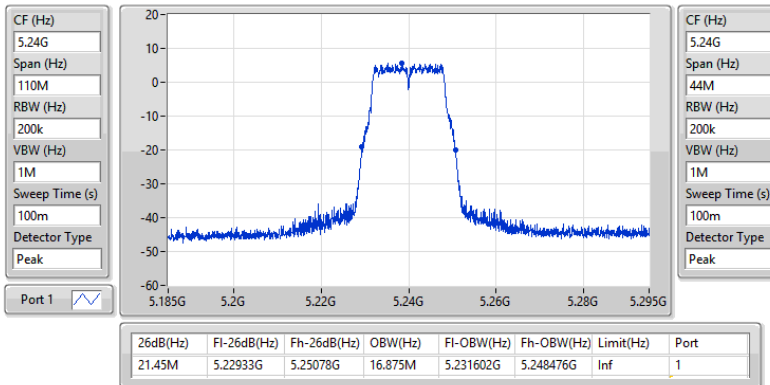

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

20/09/2025

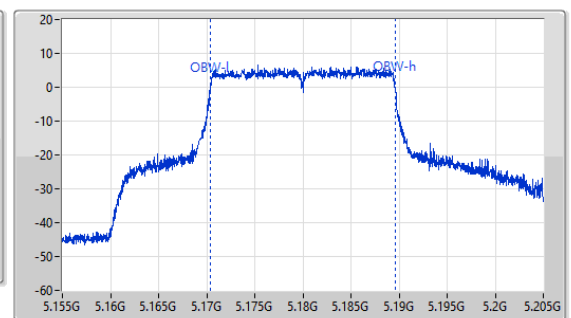
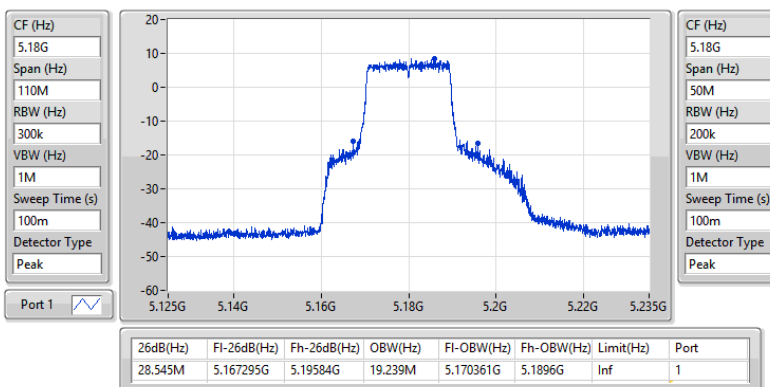


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

20/09/2025

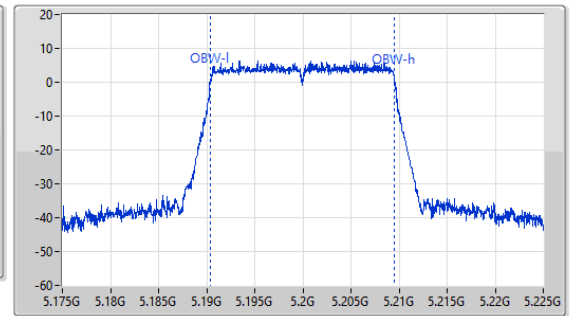
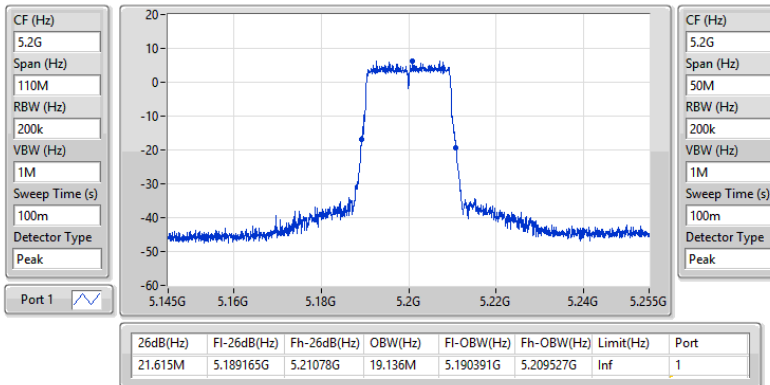

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

20/09/2025

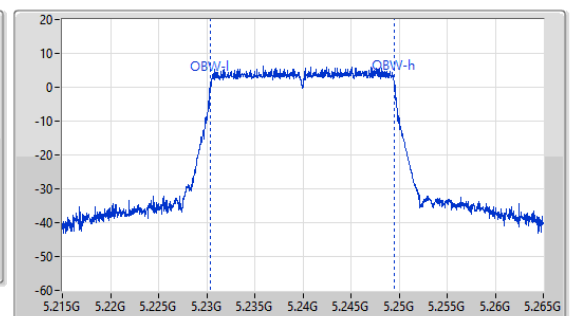
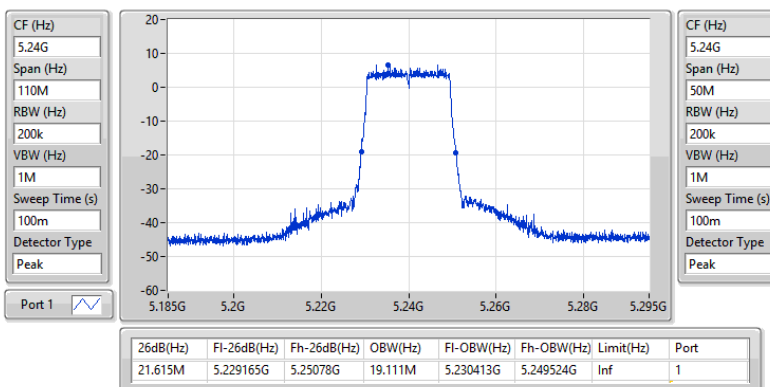


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

20/09/2025

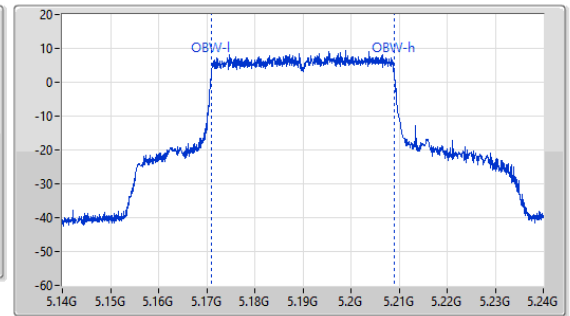
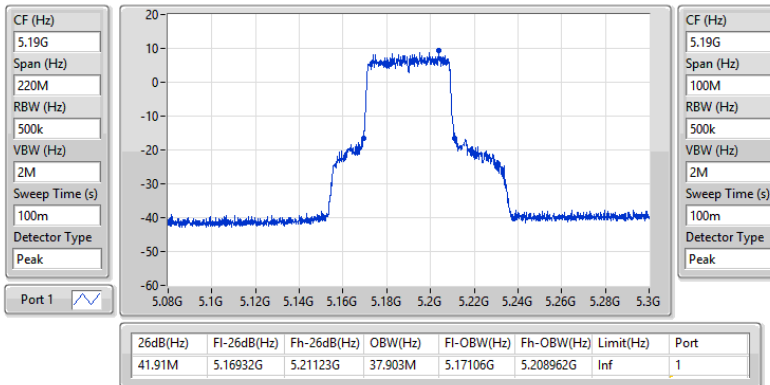

5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

20/09/2025

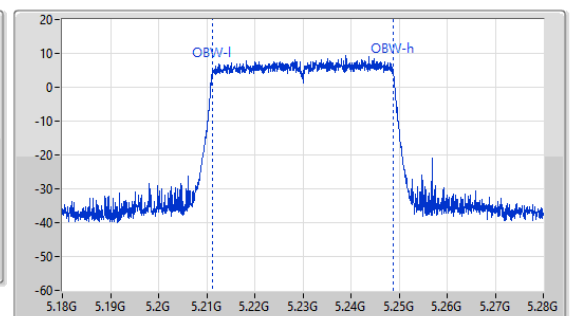
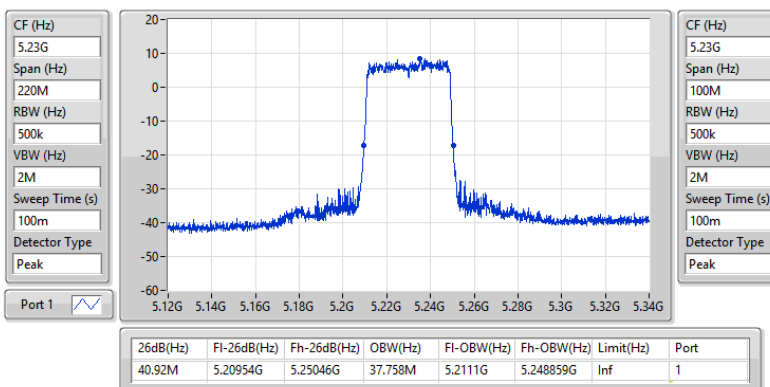


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5190MHz

20/09/2025


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5230MHz

20/09/2025

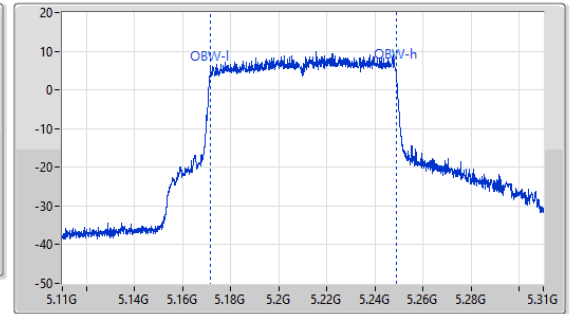
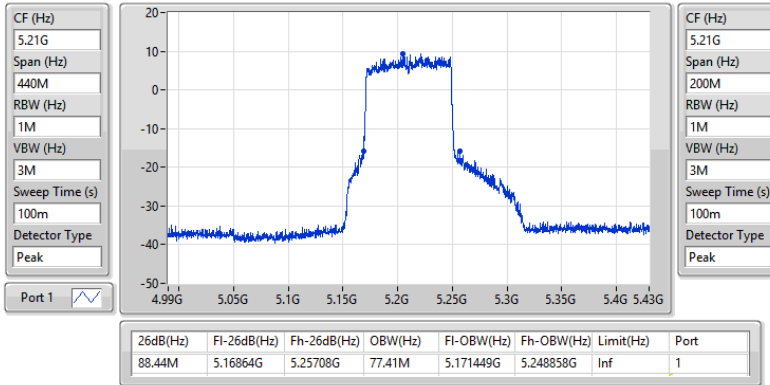


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/09/2025



Test Mode: Mode 8

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	22.605M	17.044M	17M0D1D	21.065M	16.668M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.605M	17.044M	21.89M	16.923M
5200MHz	Pass	Inf	21.395M	16.875M	21.065M	16.668M
5240MHz	Pass	Inf	21.23M	16.847M	21.175M	16.668M

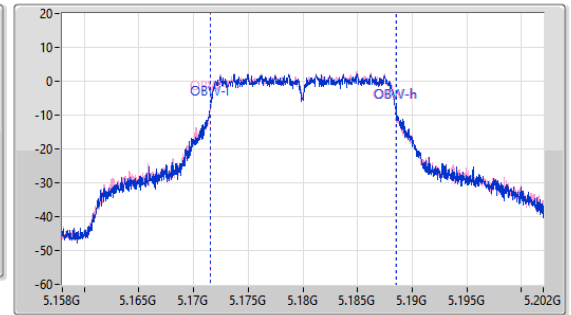
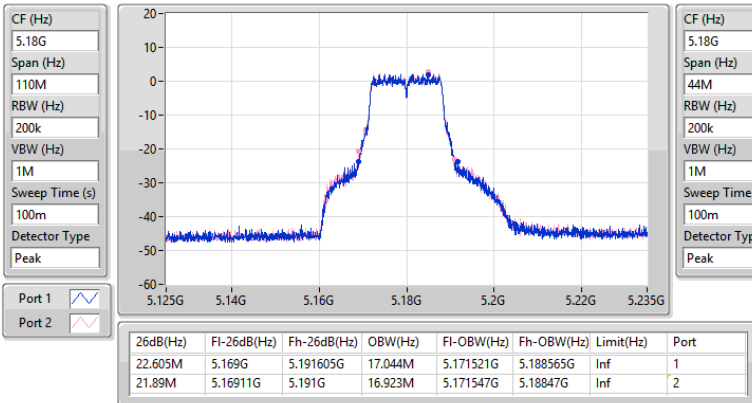
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

20/09/2025

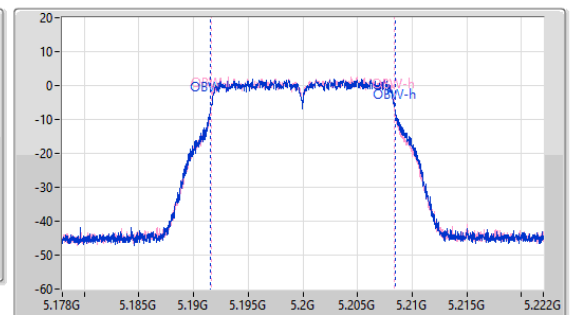
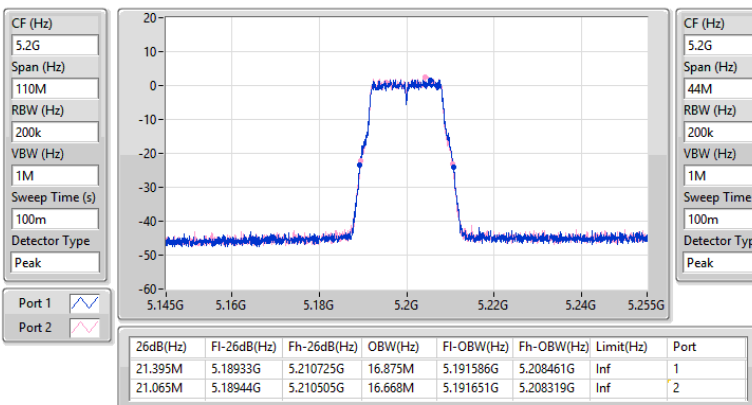


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

20/09/2025

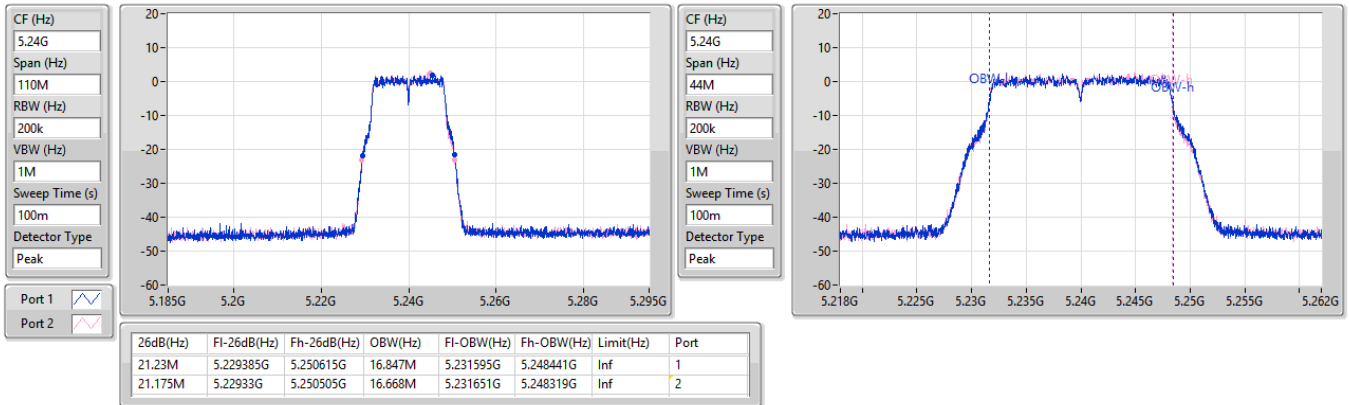


5.15-5.25GHz_802.11a_Nss1.(6Mbps)_2TX

EBW

5240MHz

20/09/2025



Test Mode: Mode 9

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	25.3M	19.204M	19M2D1D	21.56M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	42.79M	37.928M	37M9D1D	40.59M	37.722M
802.11be EHT80_Nss2,(MCS0)_2TX	90.86M	77.469M	77M5D1D	85.8M	77.406M

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

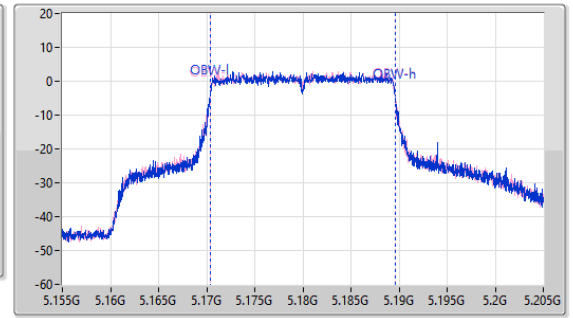
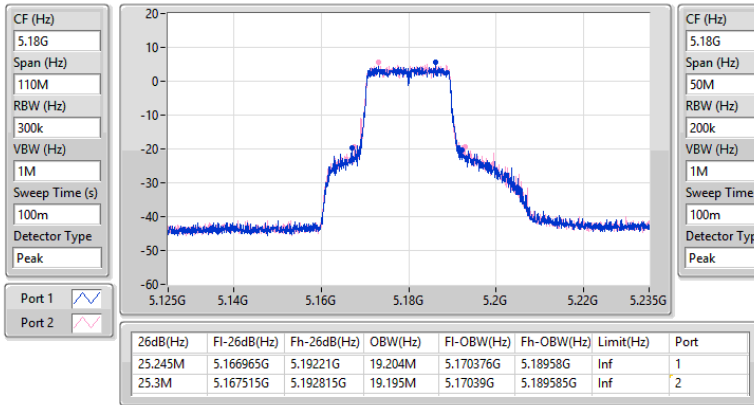
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.245M	19.204M	25.3M	19.195M
5200MHz	Pass	Inf	21.725M	19.122M	21.615M	19.085M
5240MHz	Pass	Inf	21.725M	19.077M	21.56M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.79M	37.928M	42.24M	37.908M
5230MHz	Pass	Inf	40.59M	37.741M	40.59M	37.722M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.8M	77.469M	90.86M	77.406M

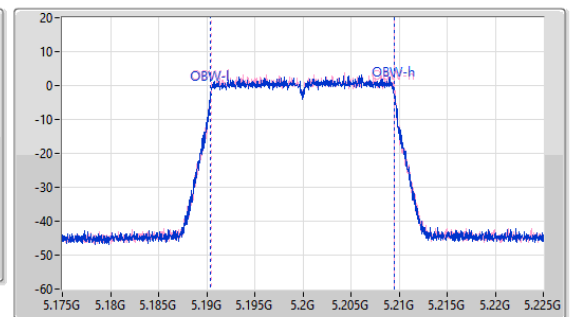
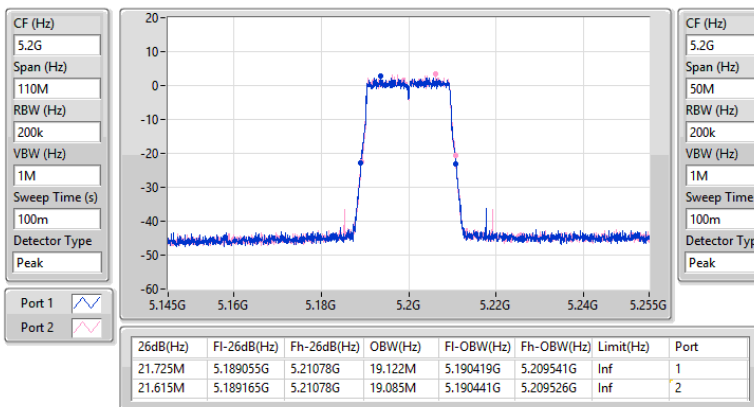
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5180MHz

20/09/2025

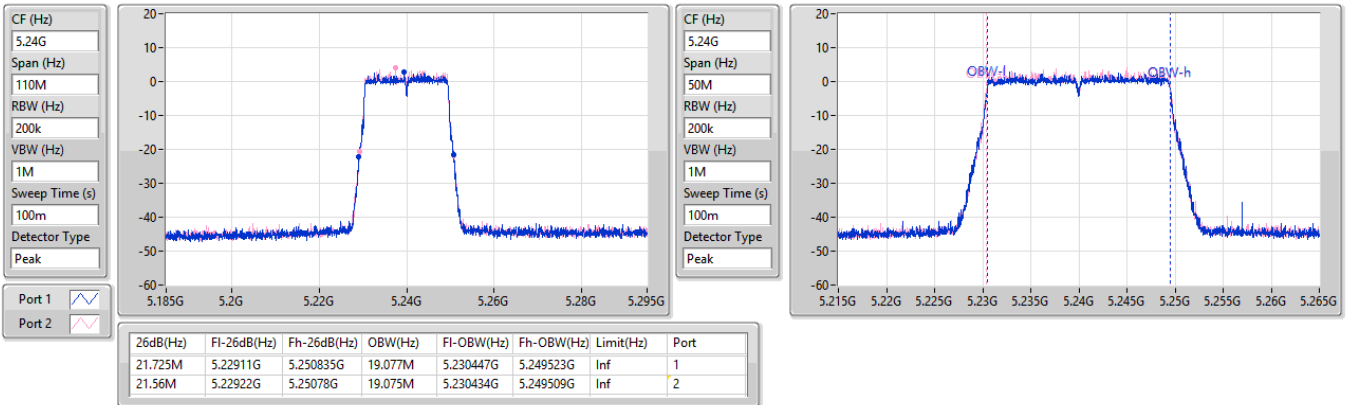

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5200MHz

20/09/2025

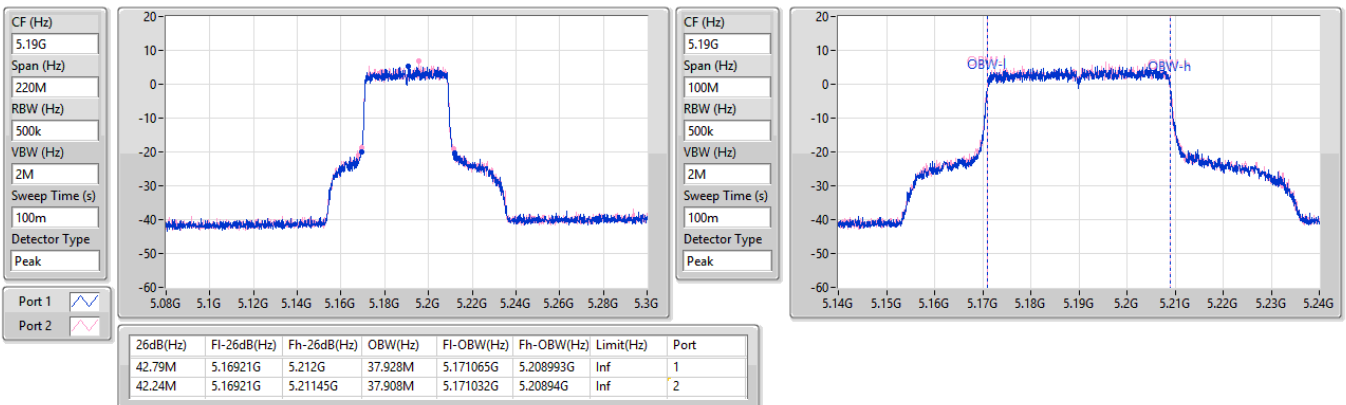


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5240MHz

20/09/2025


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5190MHz

20/09/2025

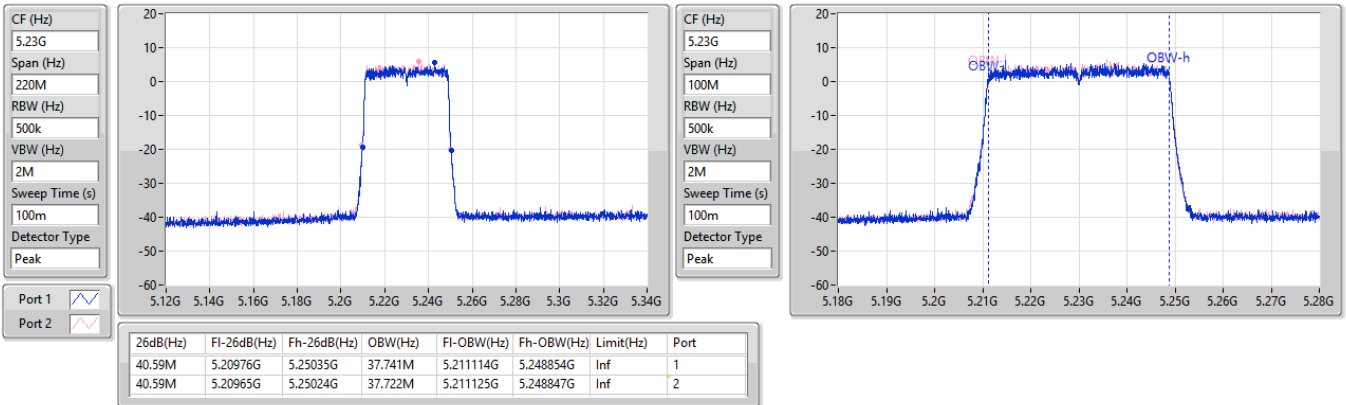


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5230MHz

20/09/2025

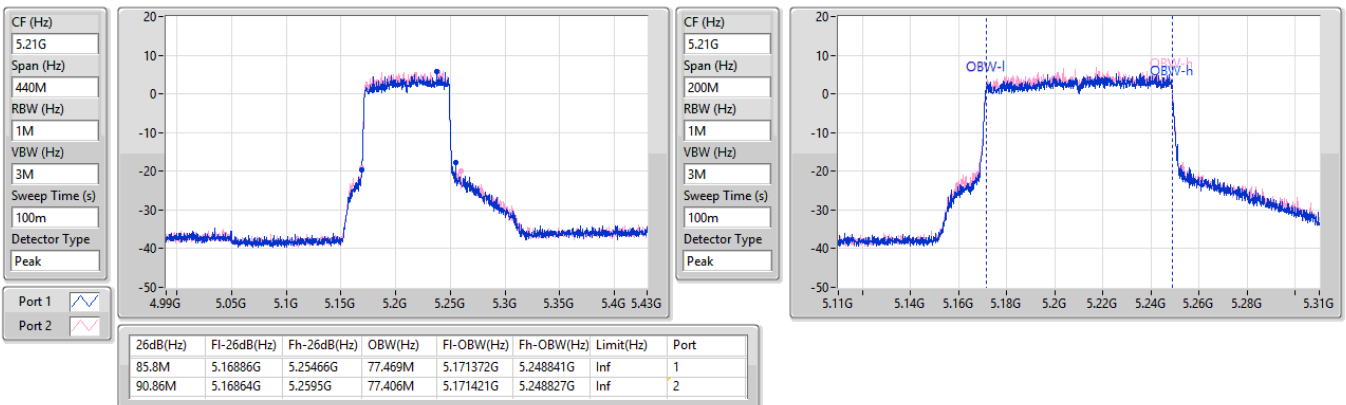


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

20/09/2025



Test Mode: Mode 10

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_4TX	24.695M	17.083M	17M1D1D	21.285M	16.763M
802.11be EHT20_Nss1.(MCS0)_4TX	32.945M	19.231M	19M2D1D	21.505M	19.068M
802.11be EHT40_Nss1.(MCS0)_4TX	49.06M	37.963M	38M0D1D	40.15M	37.725M
802.11be EHT80_Nss1.(MCS0)_4TX	89.98M	77.492M	77M5D1D	83.38M	77.38M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.695M	17.082M	22.385M	17.045M	22.99M	17.083M	22M	17.062M
5200MHz	Pass	Inf	21.34M	16.859M	21.395M	16.816M	21.505M	16.827M	21.45M	16.769M
5240MHz	Pass	Inf	21.56M	16.873M	21.45M	16.832M	21.395M	16.82M	21.285M	16.763M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	32.945M	19.231M	28.16M	19.196M	27.995M	19.224M	25.025M	19.209M
5200MHz	Pass	Inf	21.67M	19.098M	21.505M	19.068M	21.725M	19.162M	21.505M	19.096M
5240MHz	Pass	Inf	21.505M	19.087M	21.67M	19.092M	21.56M	19.095M	21.56M	19.093M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.74M	37.927M	43.78M	37.928M	49.06M	37.963M	46.86M	37.928M
5230MHz	Pass	Inf	40.48M	37.756M	40.15M	37.753M	40.48M	37.725M	40.37M	37.782M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.38M	77.492M	89.98M	77.492M	89.98M	77.38M	89.32M	77.484M

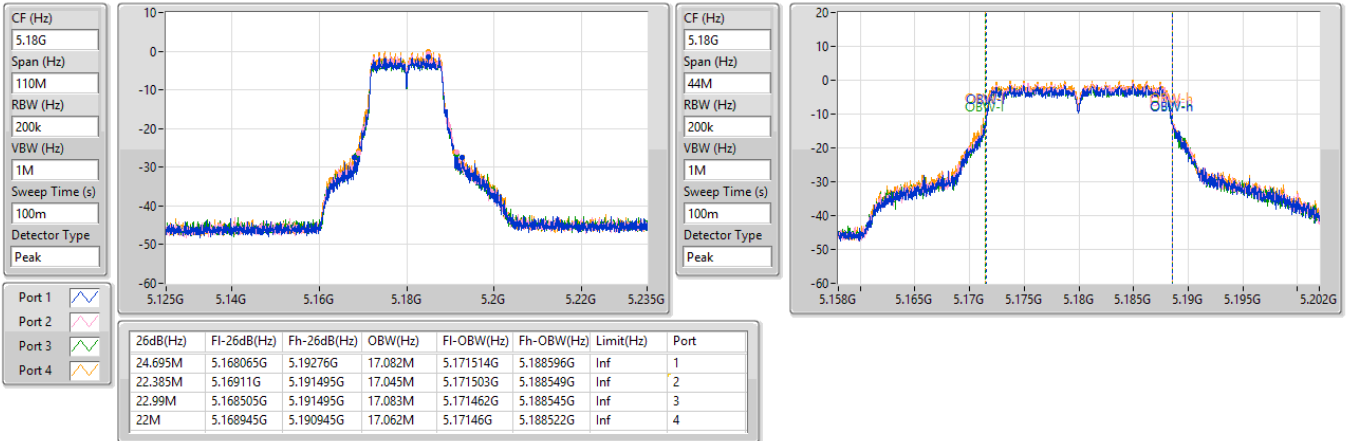
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

22/09/2025

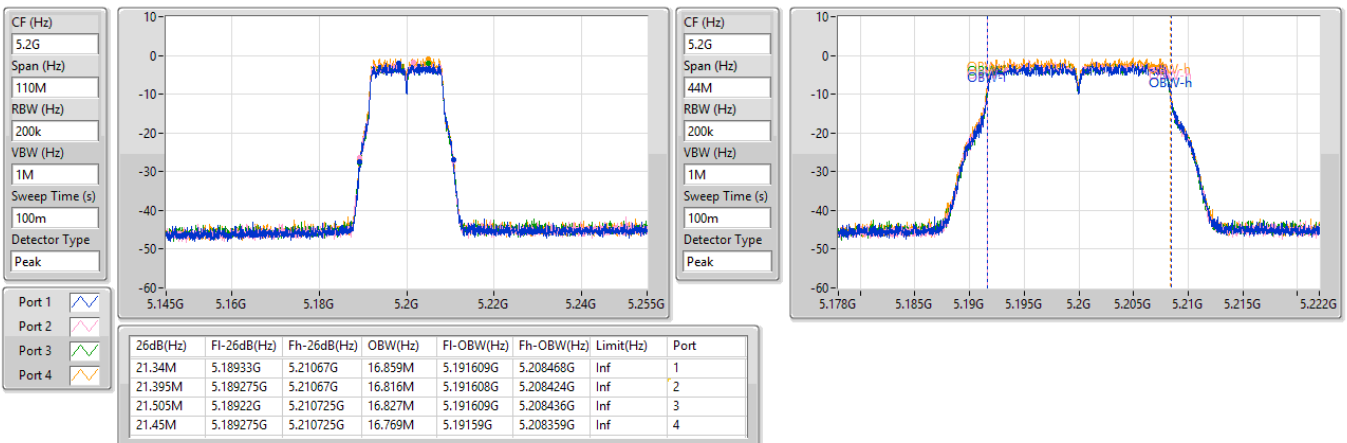


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

22/09/2025

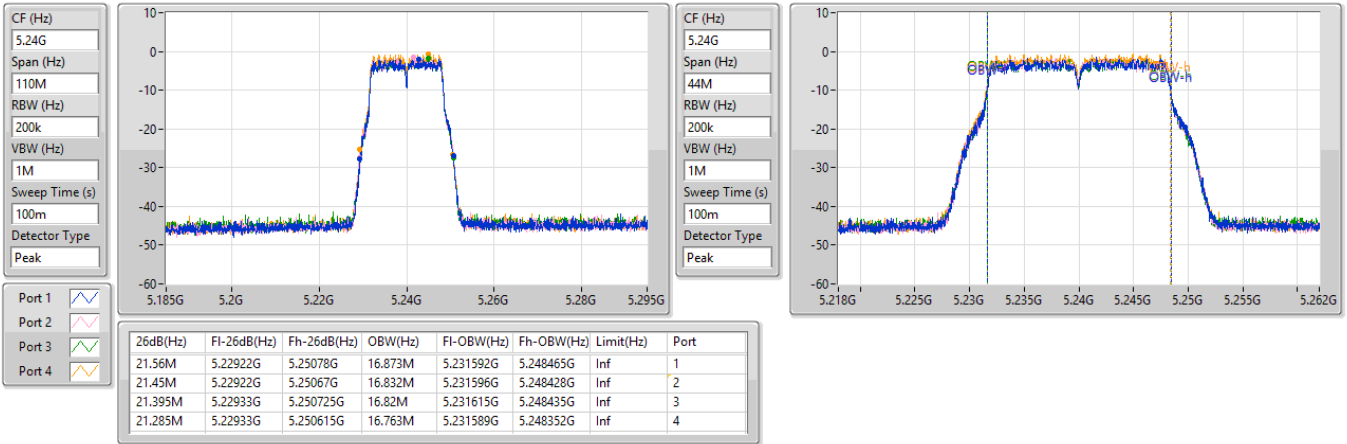


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

22/09/2025

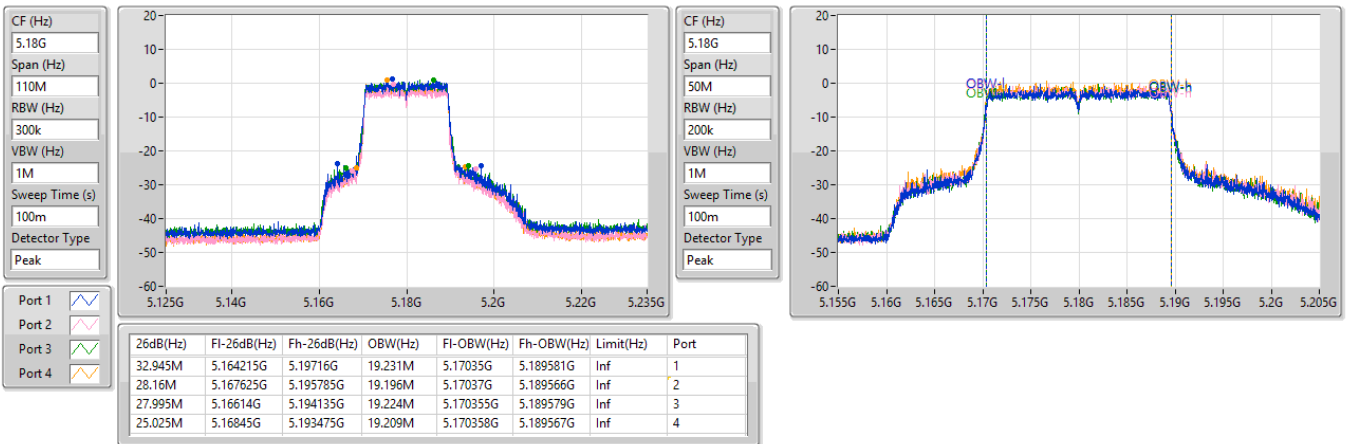


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

22/09/2025

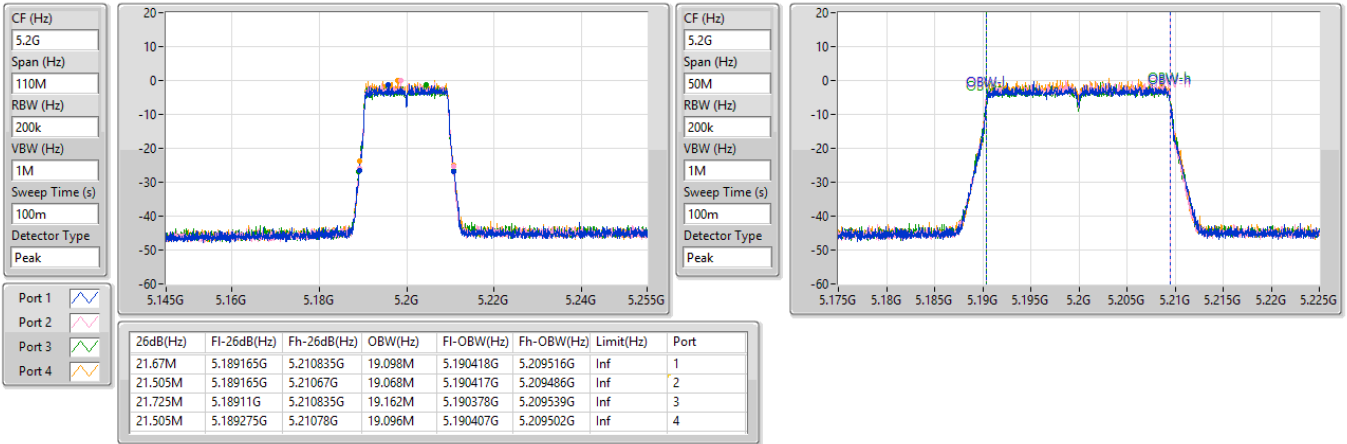


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

22/09/2025

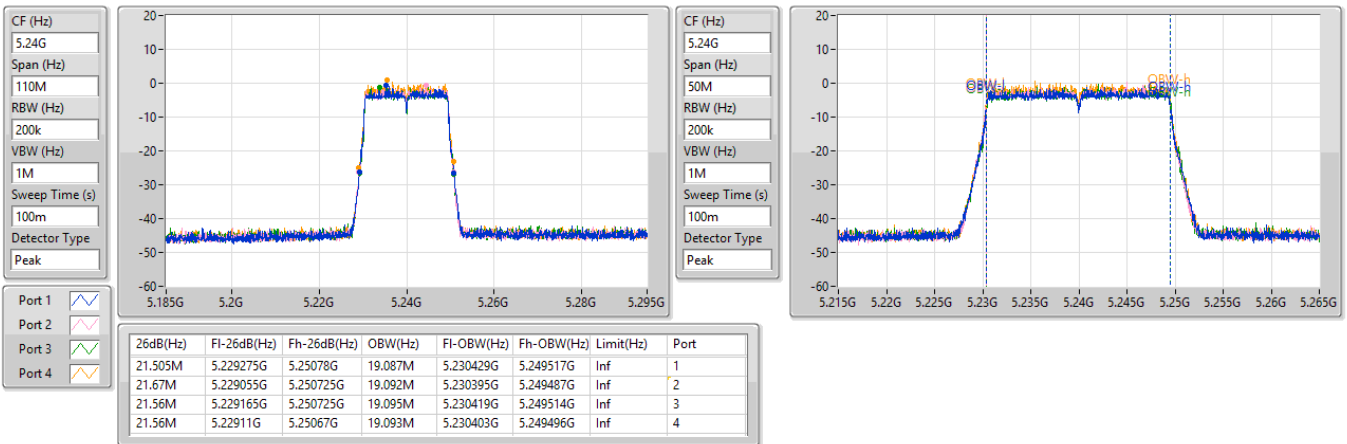


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

22/09/2025

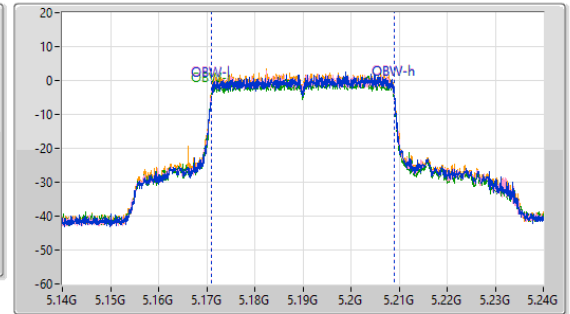
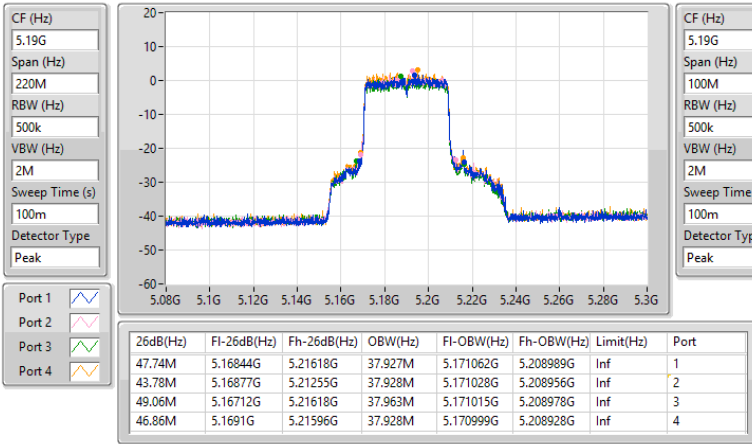


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

22/09/2025

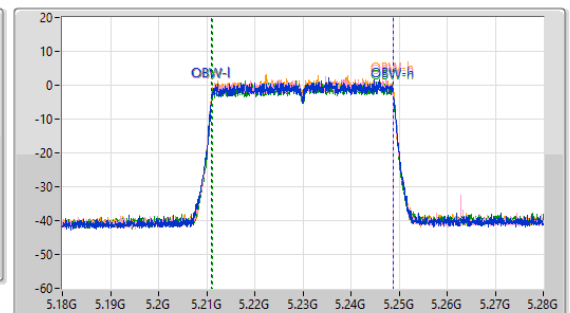
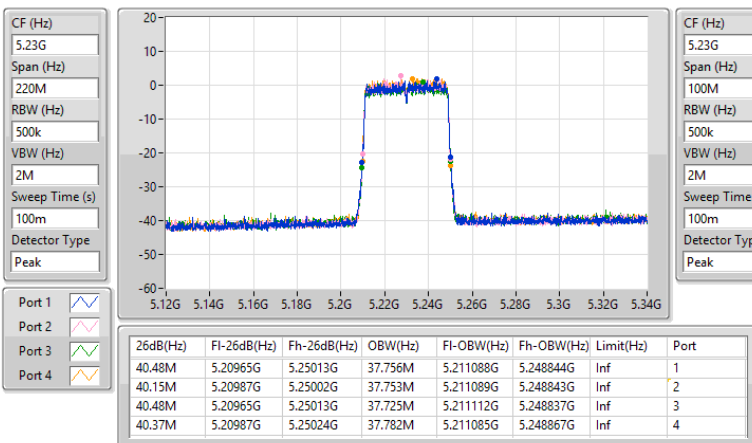


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

22/09/2025

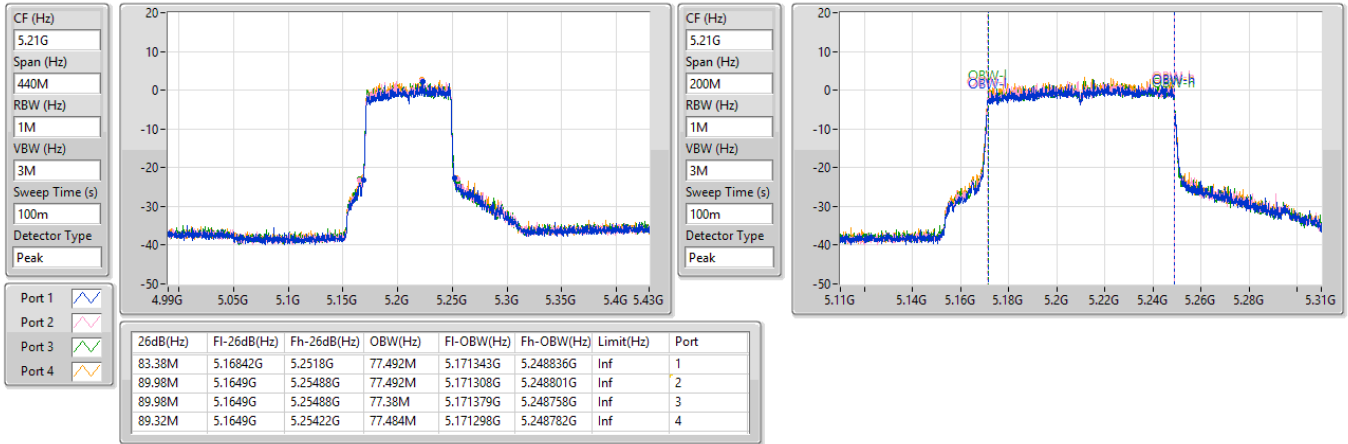


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

22/09/2025



Test Mode: Mode 11

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	30.91M	19.234M	19M2D1D	21.395M	19.06M
802.11be EHT40_Nss4,(MCS0)_4TX	55.33M	37.931M	37M9D1D	40.48M	37.758M
802.11be EHT80_Nss4,(MCS0)_4TX	89.76M	77.547M	77M5D1D	84.92M	77.488M

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 EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	30.91M	19.211M	26.125M	19.201M	29.7M	19.234M	25.135M	19.2M
5200MHz	Pass	Inf	21.78M	19.103M	21.615M	19.081M	21.67M	19.092M	21.505M	19.076M
5240MHz	Pass	Inf	21.395M	19.104M	21.505M	19.06M	21.67M	19.101M	21.505M	19.067M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.52M	37.931M	44.88M	37.911M	47.74M	37.891M	55.33M	37.93M
5230MHz	Pass	Inf	40.92M	37.769M	40.48M	37.77M	40.81M	37.758M	40.59M	37.778M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	89.76M	77.488M	84.92M	77.496M	88M	77.547M	86.24M	77.533M

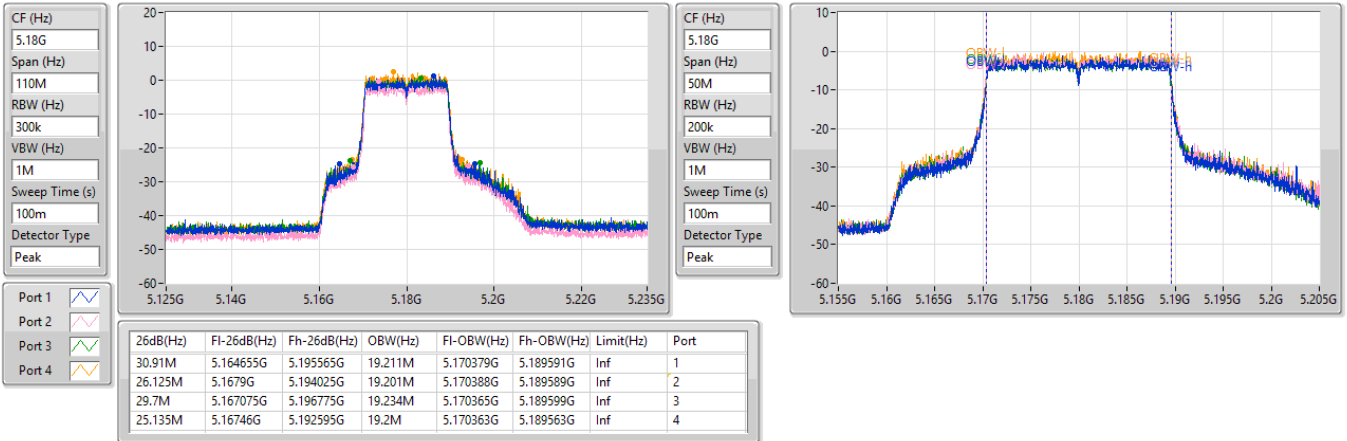
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5180MHz

22/09/2025

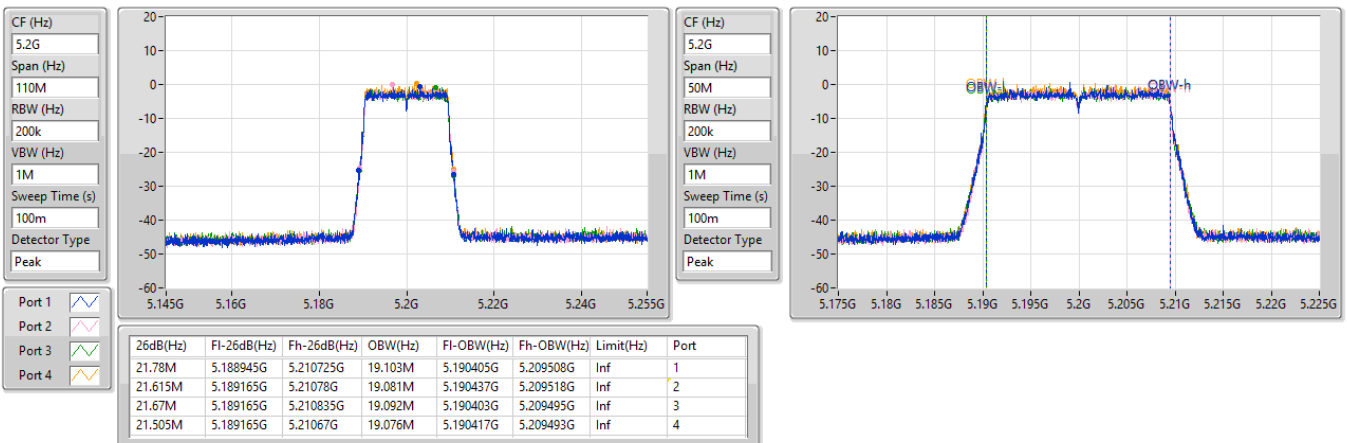


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5200MHz

22/09/2025

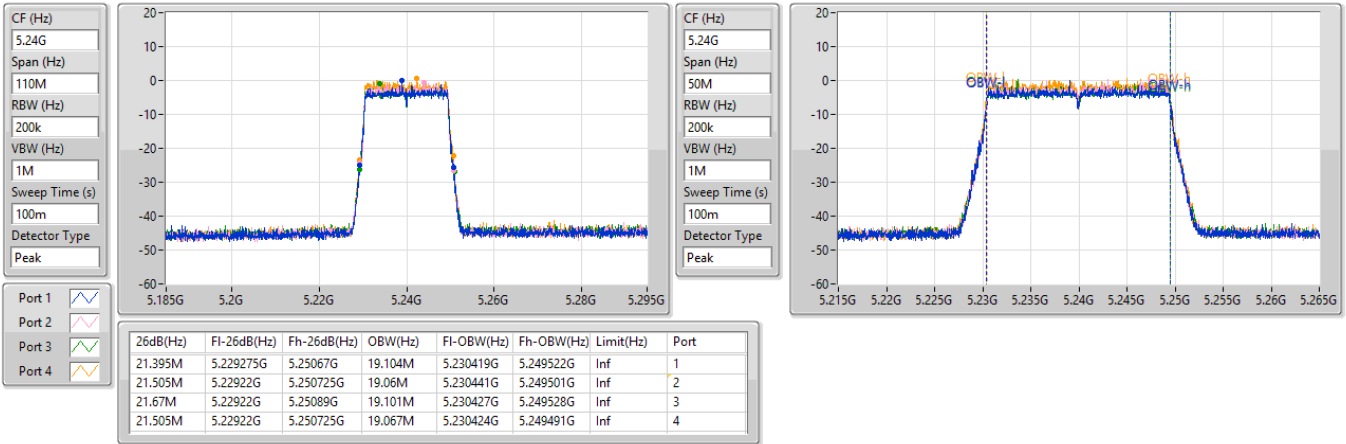


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

22/09/2025

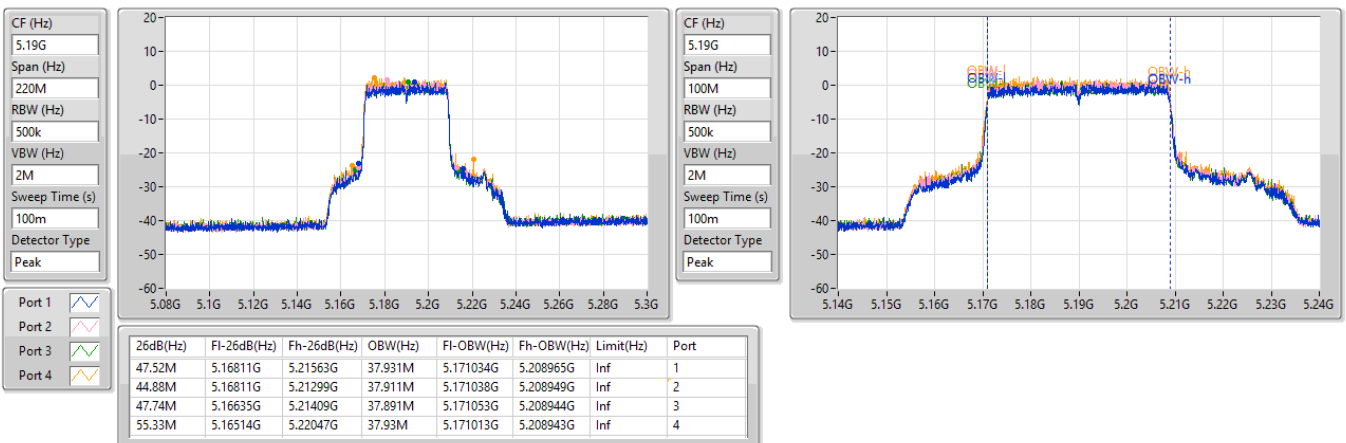


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5190MHz

22/09/2025

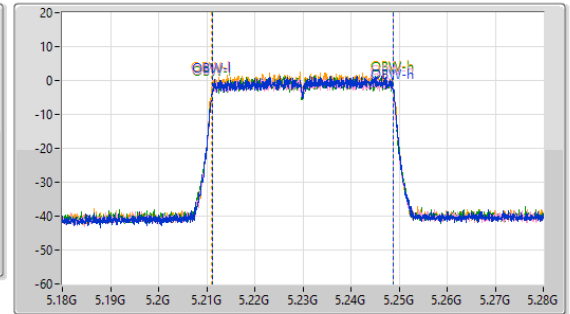
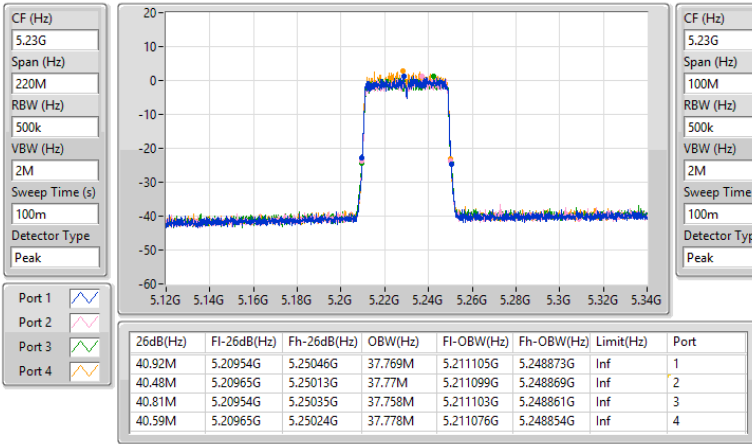


5.15-5.25GHz_802.11be EHT40_Nss4_(MCS0)_4TX

EBW

5230MHz

22/09/2025

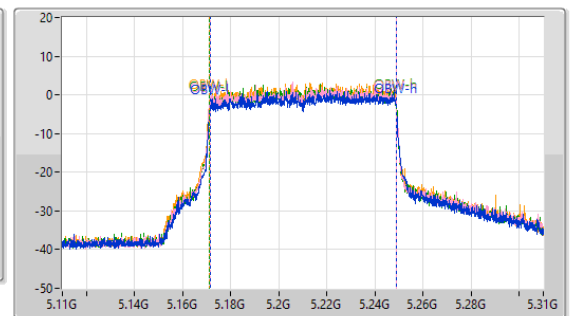
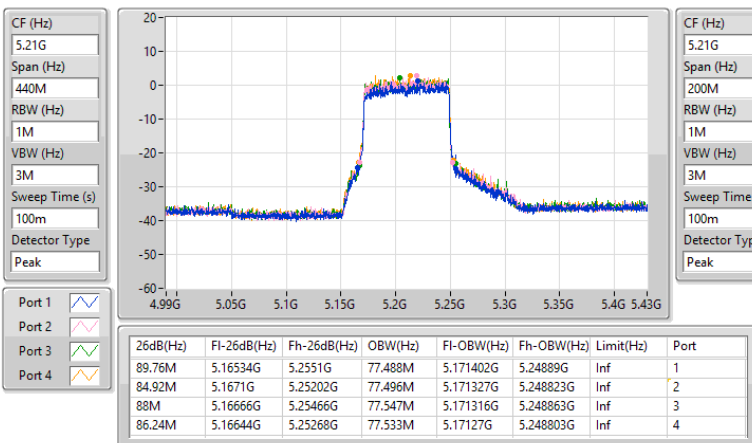


5.15-5.25GHz_802.11be EHT80_Nss4_(MCS0)_4TX

EBW

5210MHz

22/09/2025



Test Mode: Mode 12
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	42.295M	18.973M	19M0D1D	25.025M	17.041M
802.11a_Nss1,(6Mbps)_2TX	41.91M	19.258M	19M3D1D	25.025M	16.986M
802.11a_Nss1,(6Mbps)_4TX	24.64M	17.049M	17M0D1D	21.395M	16.848M
802.11be EHT20_Nss1,(MCS0)_1TX	46.695M	19.534M	19M5D1D	25.41M	19.193M
802.11be EHT20_Nss2,(MCS0)_2TX	48.29M	19.896M	19M9D1D	25.575M	19.193M
802.11be EHT20_Nss1,(MCS0)_4TX	34.155M	19.283M	19M3D1D	24.31M	19.185M
802.11be EHT20_Nss4,(MCS0)_4TX	47.355M	20.109M	20M1D1D	24.915M	19.169M
802.11be EHT40_Nss1,(MCS0)_1TX	68.42M	38.063M	38M1D1D	48.73M	37.853M
802.11be EHT40_Nss2,(MCS0)_2TX	48.18M	37.932M	37M9D1D	40.37M	37.816M
802.11be EHT40_Nss1,(MCS0)_4TX	48.84M	37.957M	38M0D1D	40.26M	37.754M
802.11be EHT40_Nss4,(MCS0)_4TX	62.48M	37.933M	37M9D1D	41.03M	37.82M
802.11be EHT80_Nss1,(MCS0)_1TX	88M	77.327M	77M3D1D	88M	77.327M
802.11be EHT80_Nss2,(MCS0)_2TX	91.3M	77.436M	77M4D1D	84.04M	77.334M
802.11be EHT80_Nss1,(MCS0)_4TX	93.94M	77.462M	77M5D1D	89.1M	77.387M
802.11be EHT80_Nss4,(MCS0)_4TX	98.12M	77.563M	77M6D1D	85.8M	77.462M

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

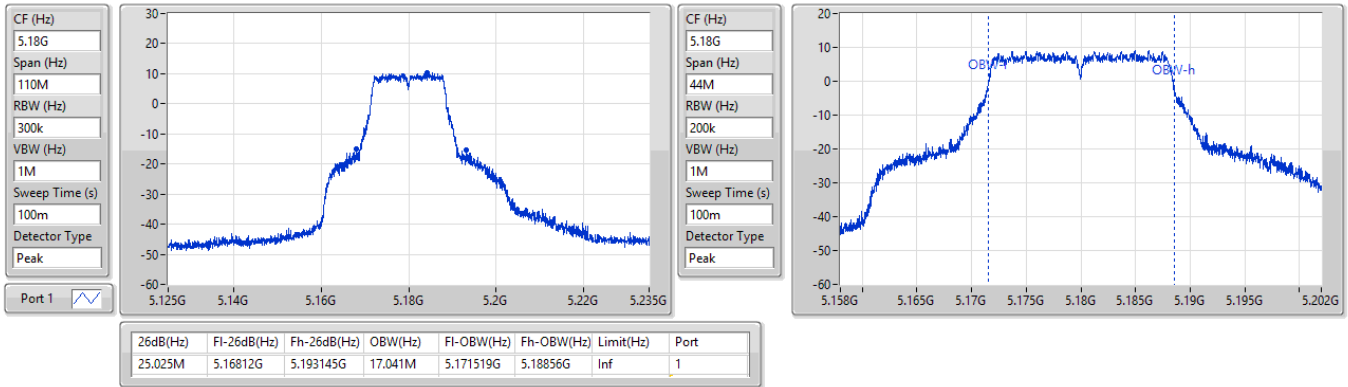
Result

Mode	Result	Limit	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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.025M	17.041M						
5200MHz	Pass	Inf	37.18M	18.217M						
5240MHz	Pass	Inf	42.295M	18.973M						
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.41M	19.193M						
5200MHz	Pass	Inf	39.6M	19.337M						
5240MHz	Pass	Inf	46.695M	19.534M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	48.73M	37.853M						
5230MHz	Pass	Inf	68.42M	38.063M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	88M	77.327M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.135M	17.095M	25.025M	16.986M				
5200MHz	Pass	Inf	31.46M	17.348M	31.625M	17.244M				
5240MHz	Pass	Inf	41.91M	18.794M	40.865M	19.258M				
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.6M	19.241M	27.775M	19.227M				
5200MHz	Pass	Inf	25.575M	19.193M	32.56M	19.193M				
5240MHz	Pass	Inf	47.795M	19.709M	48.29M	19.896M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	47.3M	37.922M	48.18M	37.932M				
5230MHz	Pass	Inf	40.7M	37.816M	40.37M	37.832M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.04M	77.436M	91.3M	77.334M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.64M	17.035M	22.385M	17.029M	22.44M	17.049M	22.495M	17.026M
5200MHz	Pass	Inf	21.395M	16.931M	22.99M	16.909M	21.45M	16.899M	21.505M	16.848M
5240MHz	Pass	Inf	23.32M	17.019M	23.21M	16.965M	22.44M	16.938M	22.715M	16.873M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	31.24M	19.185M	27.72M	19.209M	24.31M	19.243M	28.71M	19.211M
5200MHz	Pass	Inf	25.63M	19.191M	25.96M	19.223M	25.19M	19.21M	29.7M	19.207M
5240MHz	Pass	Inf	34.155M	19.283M	31.735M	19.249M	25.85M	19.255M	29.26M	19.22M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	46.97M	37.924M	43.12M	37.867M	48.84M	37.957M	46.97M	37.91M
5230MHz	Pass	Inf	45.98M	37.754M	40.26M	37.801M	40.48M	37.756M	40.37M	37.757M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	91.08M	77.396M	93.94M	77.387M	89.1M	77.392M	92.18M	77.462M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.915M	19.198M	28.435M	19.169M	26.84M	19.214M	27.115M	19.199M
5200MHz	Pass	Inf	39.49M	19.406M	38.28M	19.428M	42.02M	19.41M	42.845M	19.381M
5240MHz	Pass	Inf	46.75M	20.109M	47.355M	20.004M	46.915M	19.687M	44.44M	19.785M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.56M	37.91M	44.11M	37.907M	51.7M	37.894M	48.95M	37.933M
5230MHz	Pass	Inf	45.43M	37.896M	44.11M	37.844M	41.03M	37.82M	62.48M	37.918M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	98.12M	77.477M	85.8M	77.462M	90.2M	77.556M	87.12M	77.563M

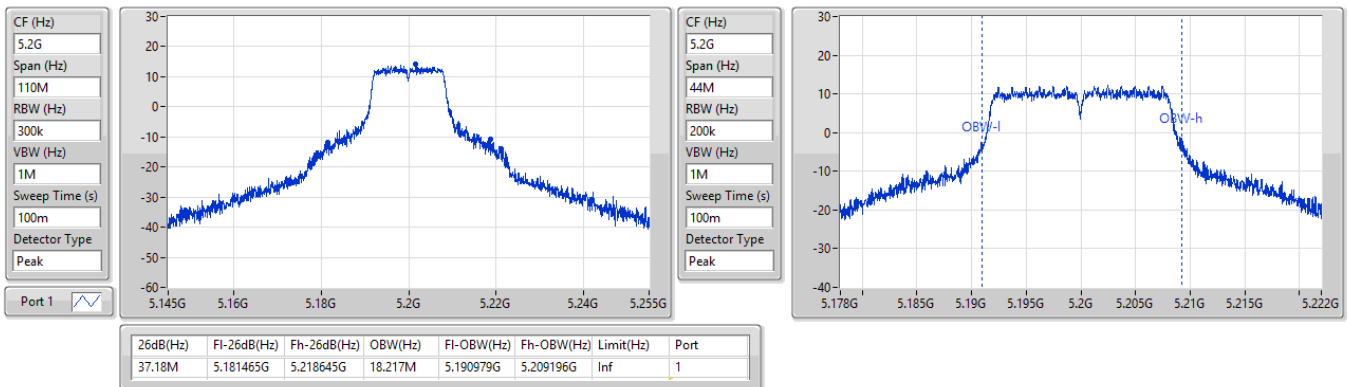
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

19/09/2025

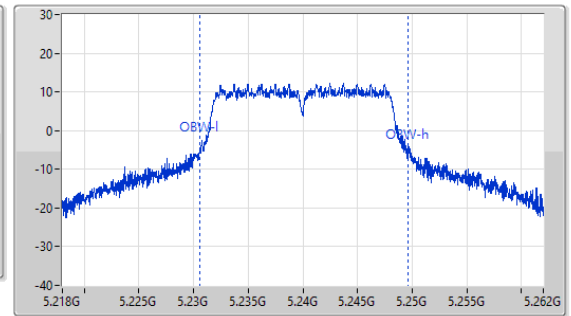
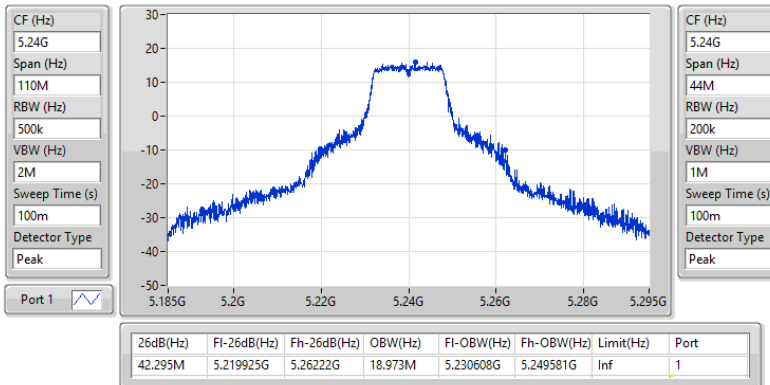

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

19/09/2025

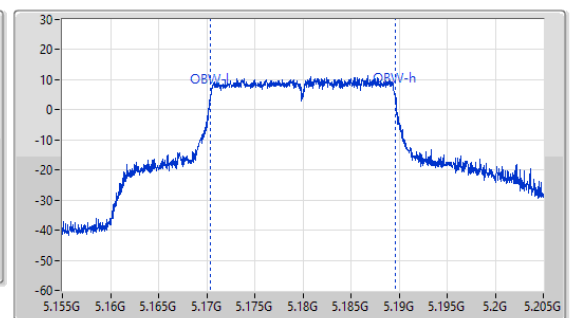
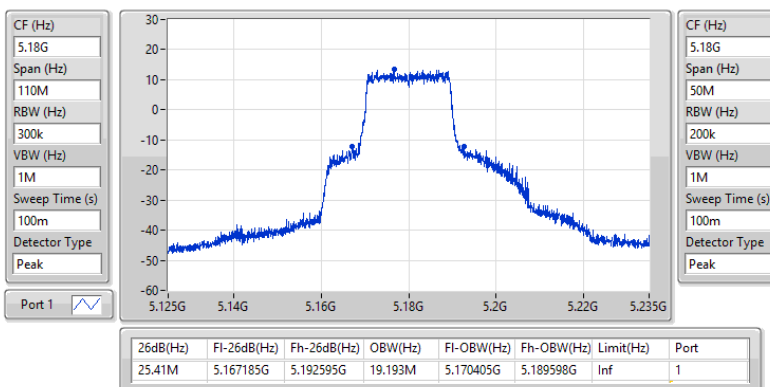


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

19/09/2025

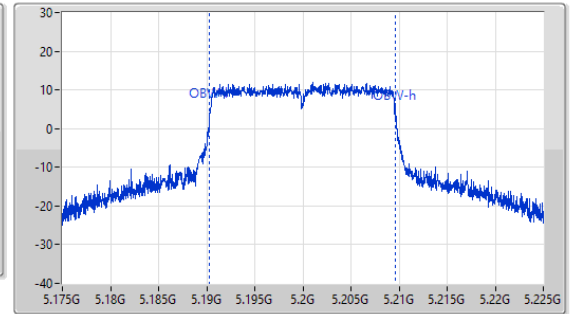
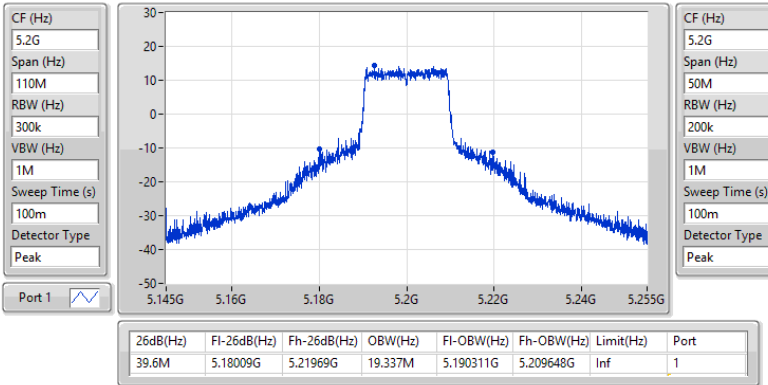

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

19/09/2025

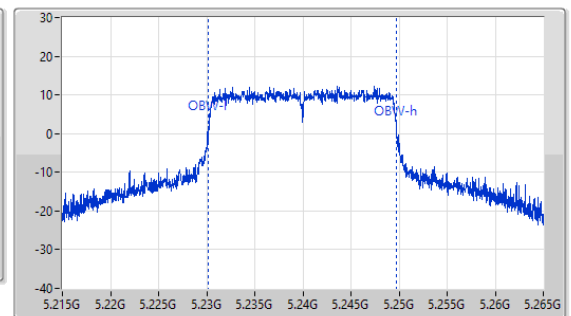
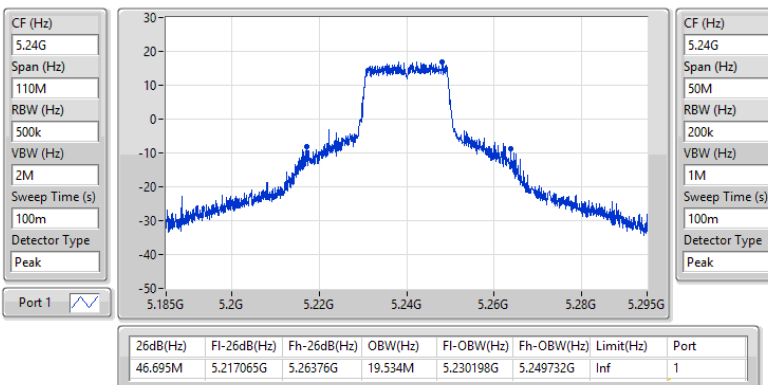


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

19/09/2025


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

19/09/2025

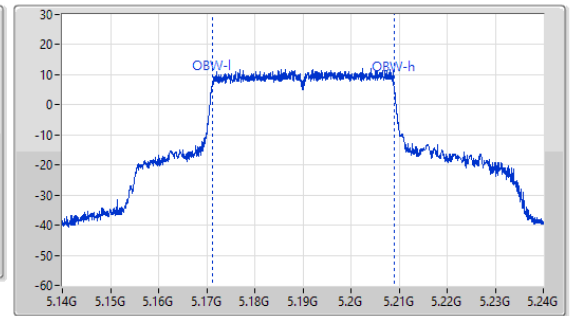
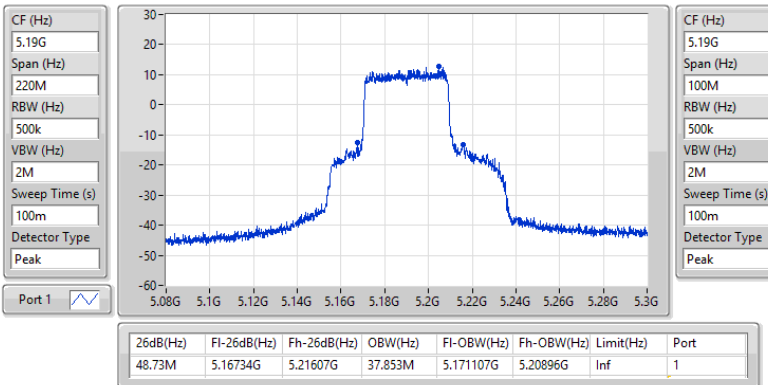


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

19/09/2025

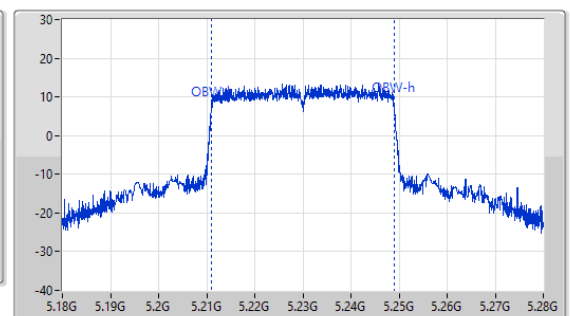
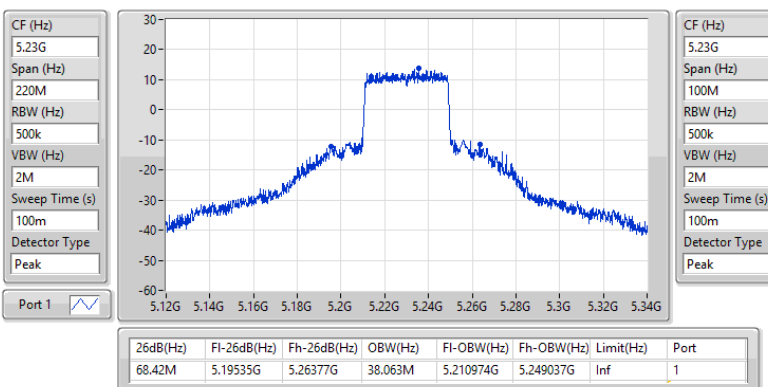


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

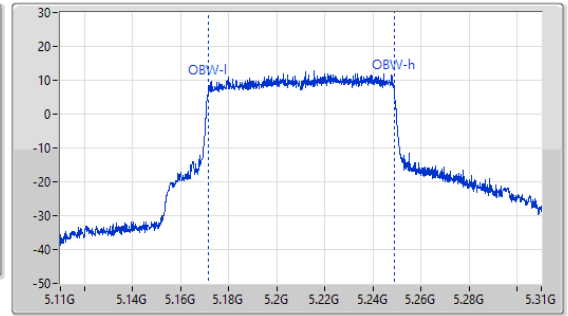
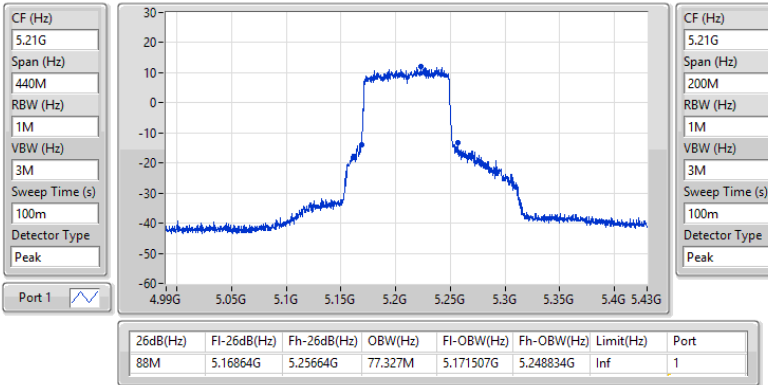
5230MHz

19/09/2025

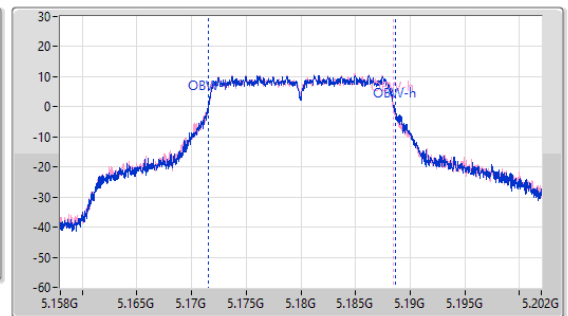
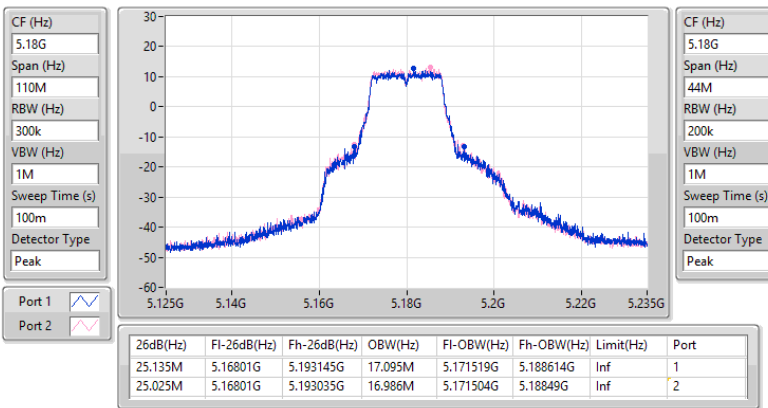


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

19/09/2025

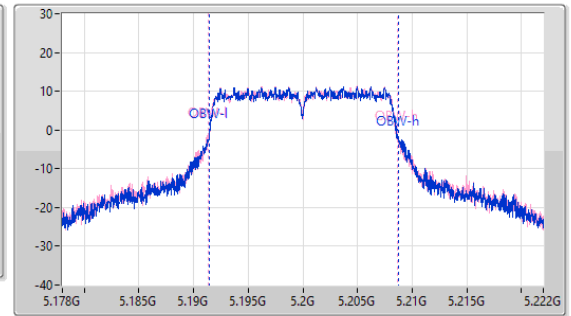
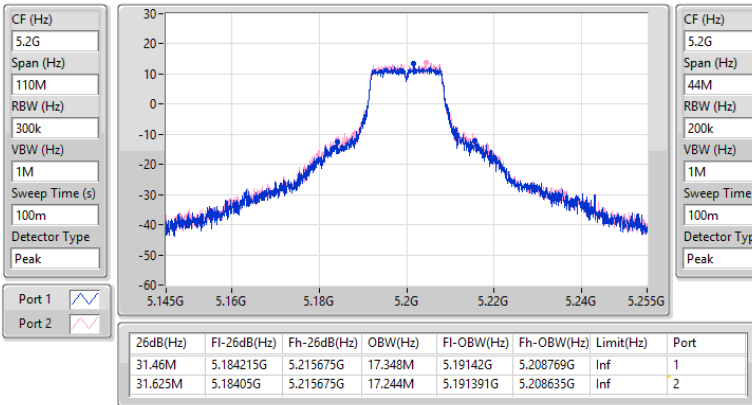

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

19/09/2025

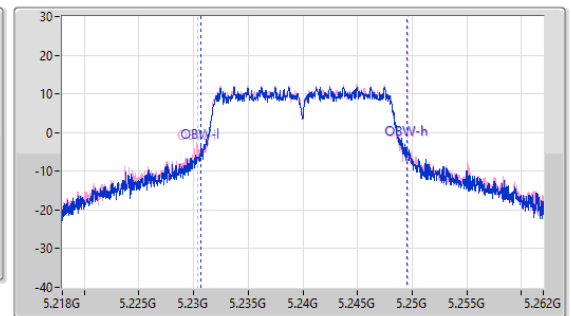
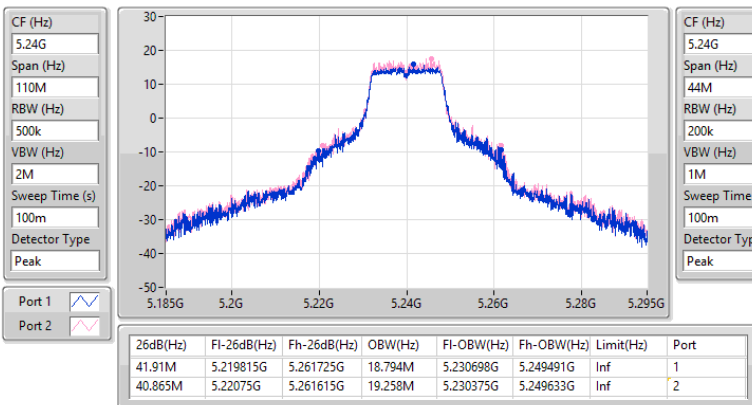


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

19/09/2025

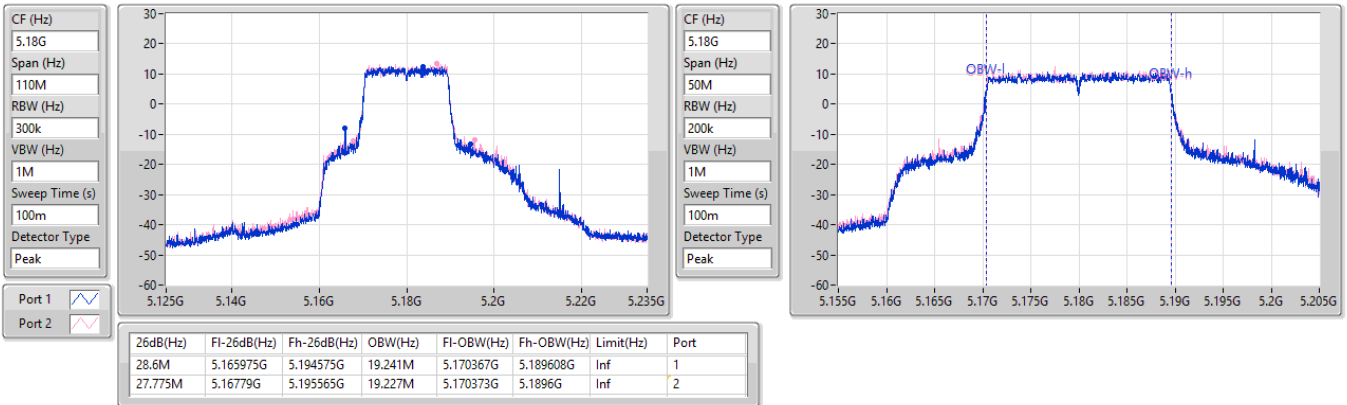

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

19/09/2025

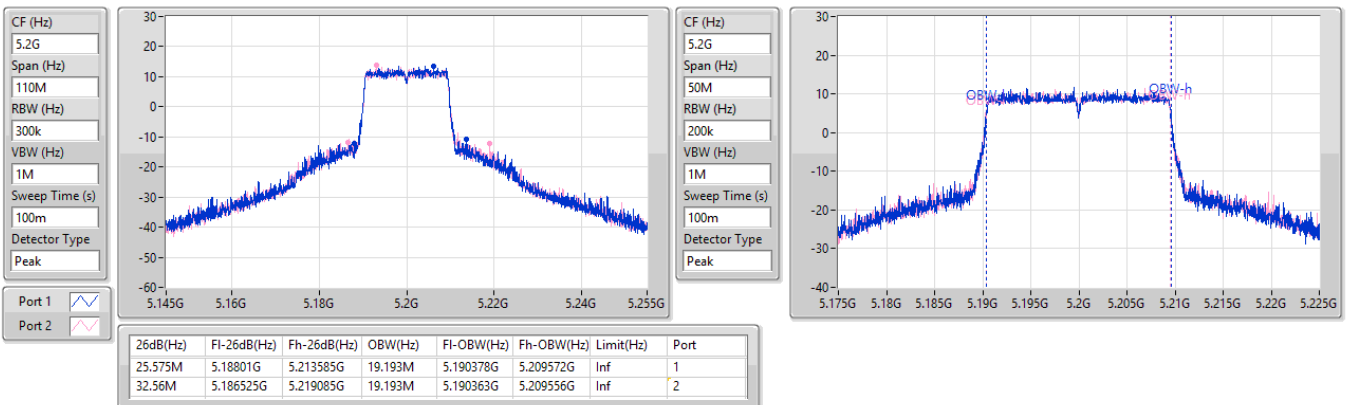


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5180MHz

19/09/2025


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5200MHz

19/09/2025

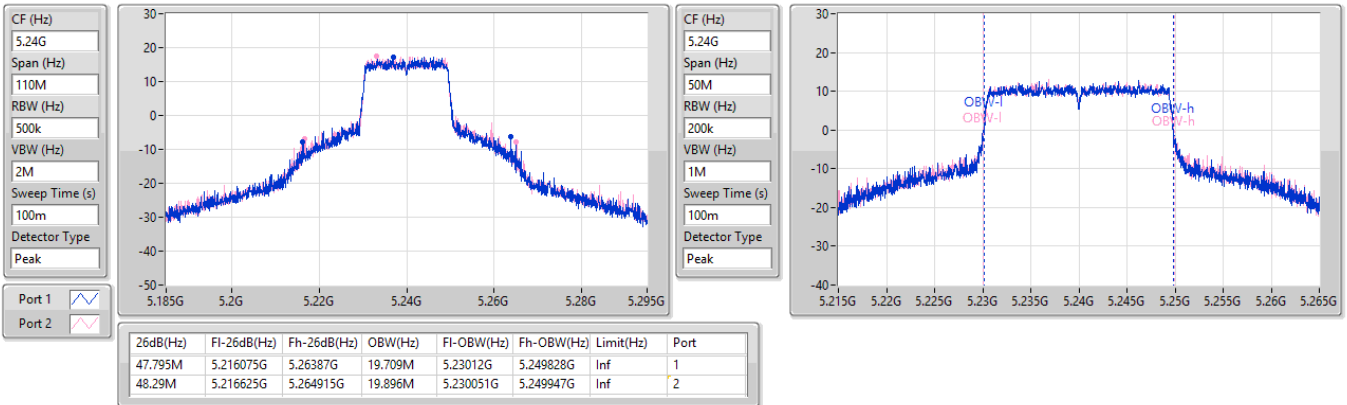


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

19/09/2025

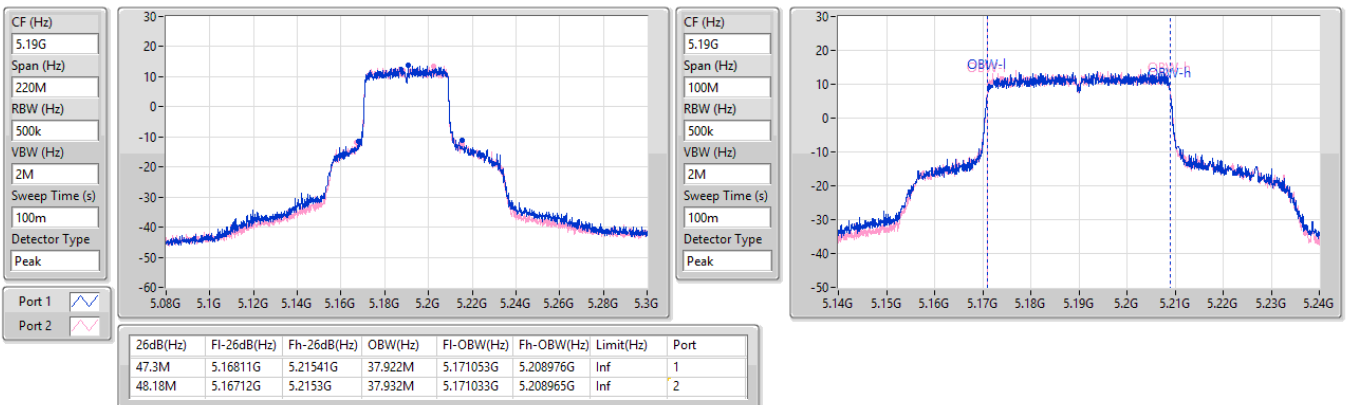


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

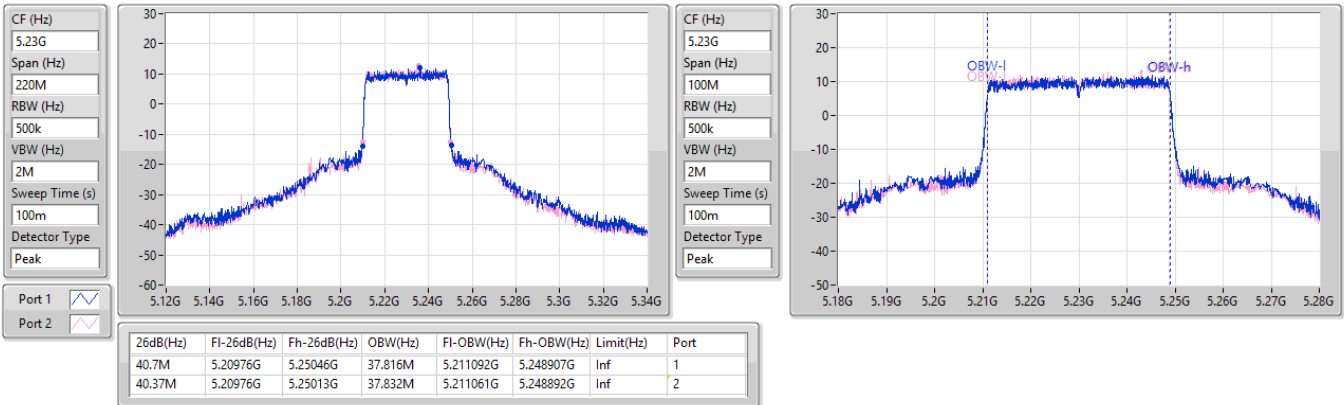
5190MHz

19/09/2025

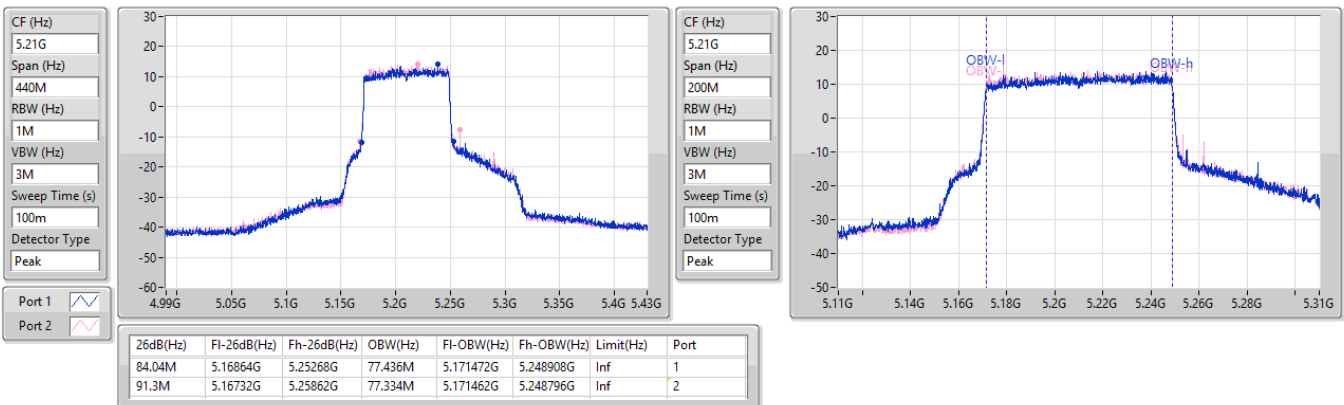


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5230MHz

19/09/2025


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5210MHz

19/09/2025

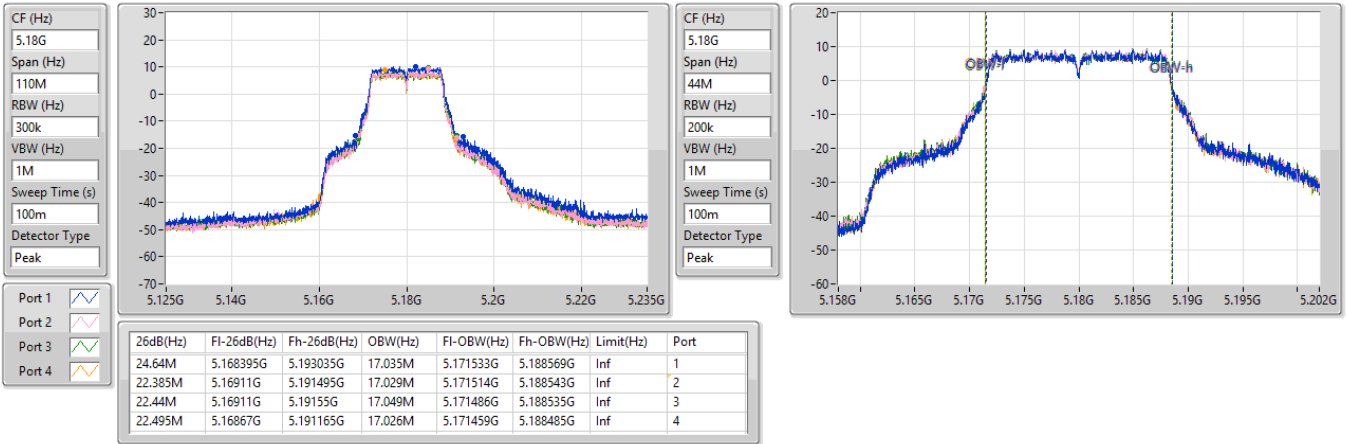


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

19/09/2025

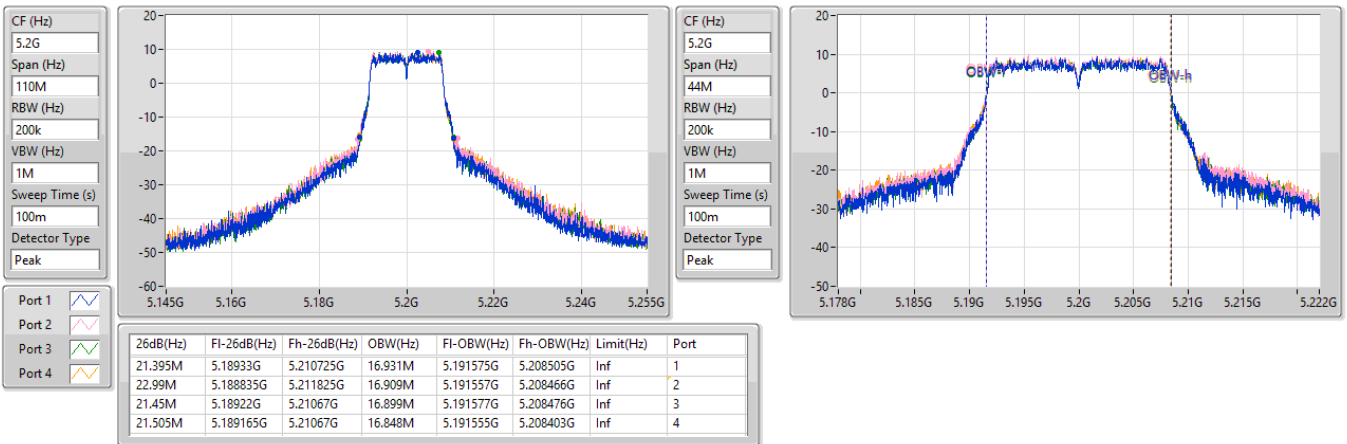


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

19/09/2025

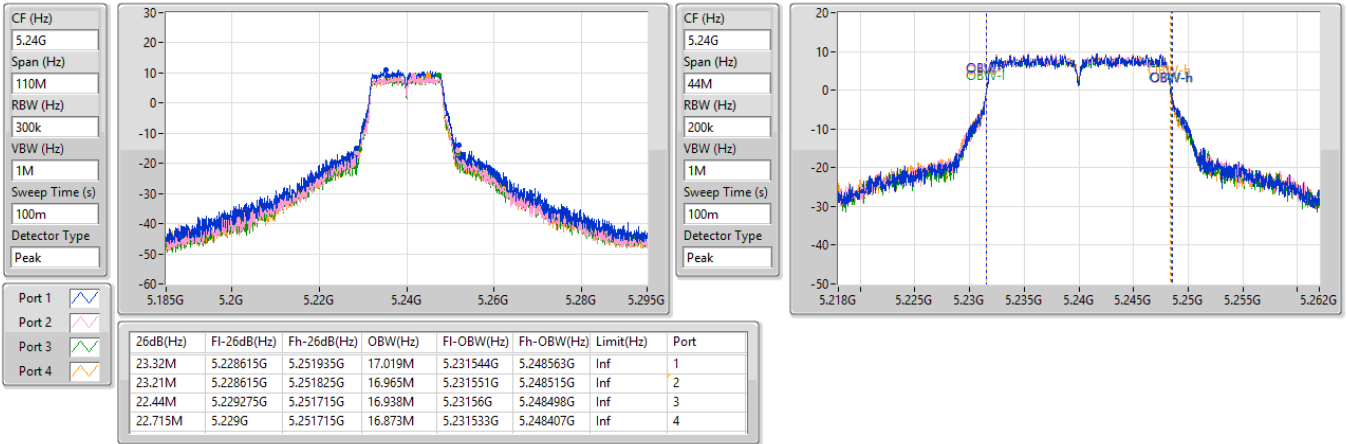


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

19/09/2025

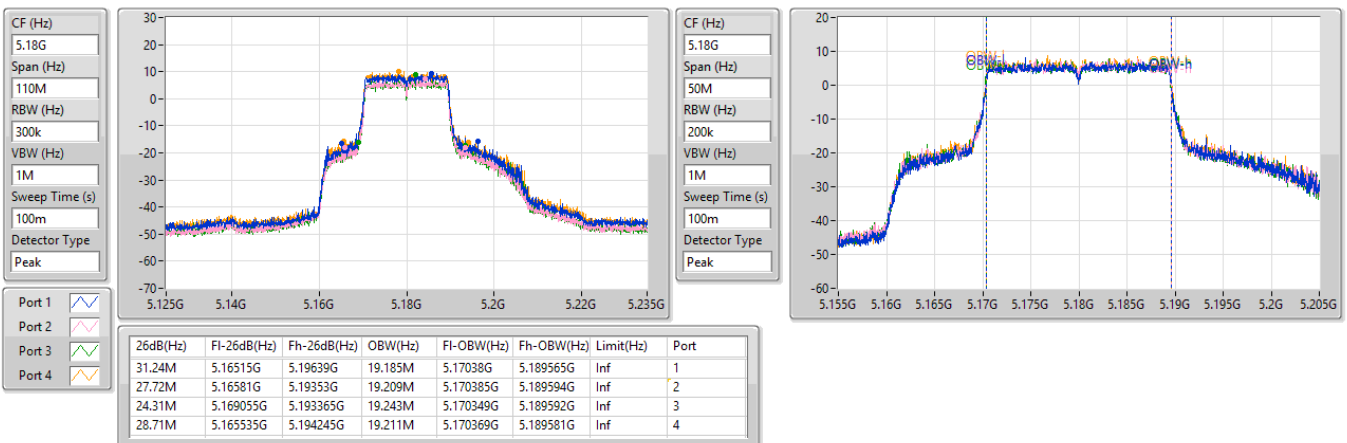


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

19/09/2025

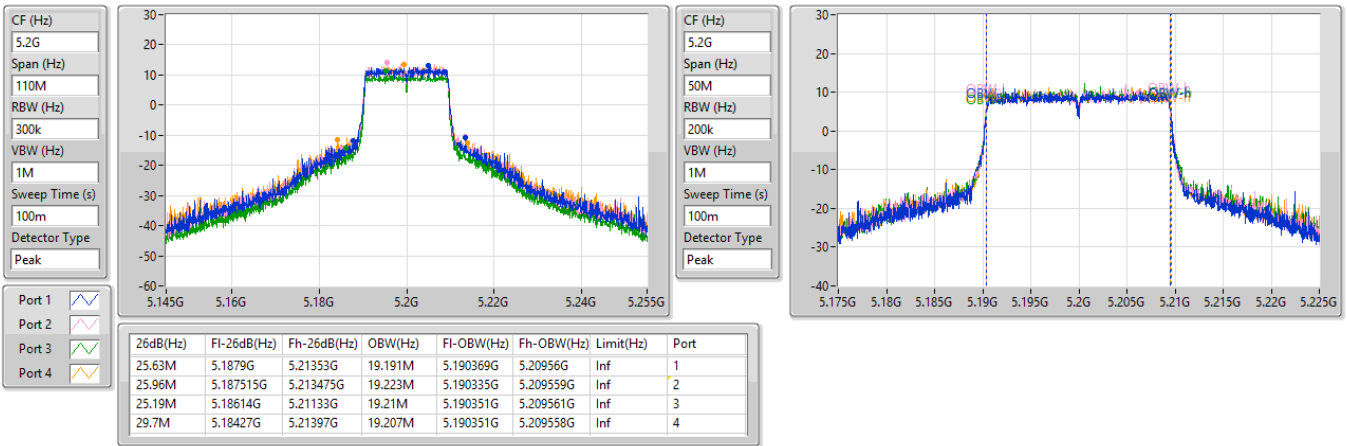


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

19/09/2025

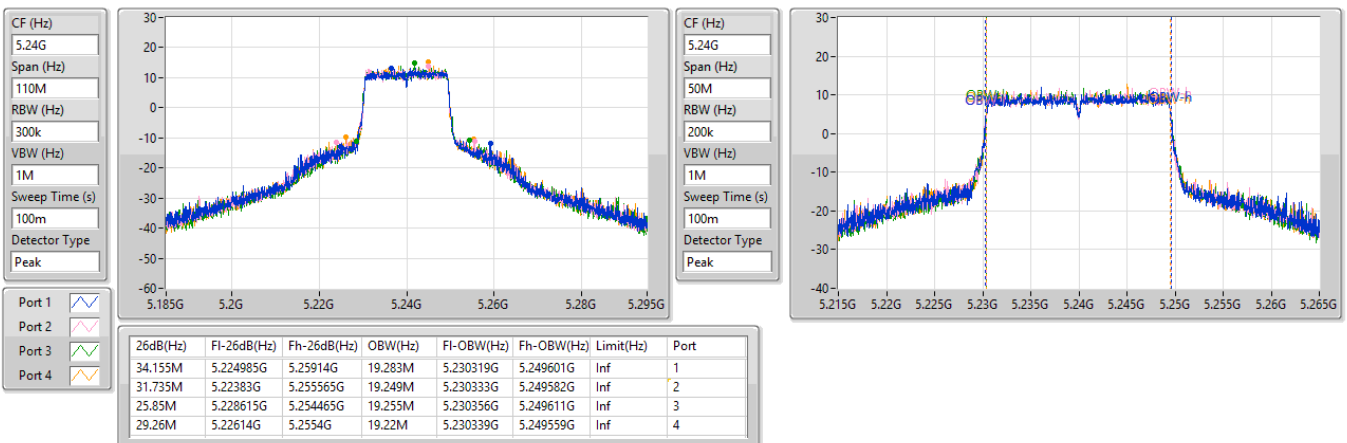


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

19/09/2025

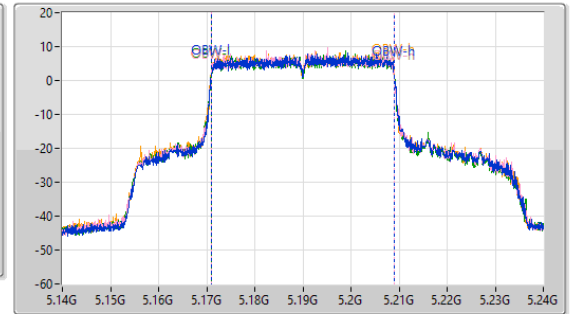
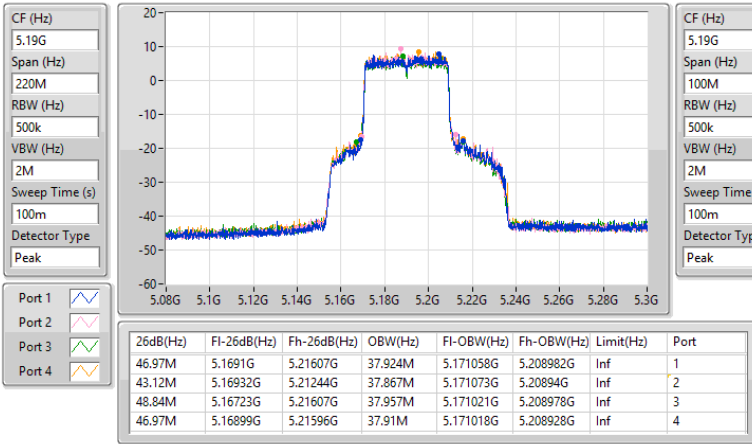


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

19/09/2025

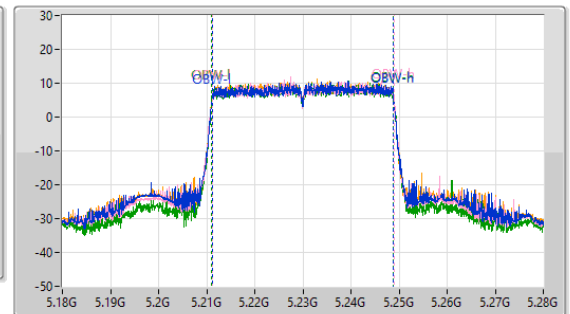
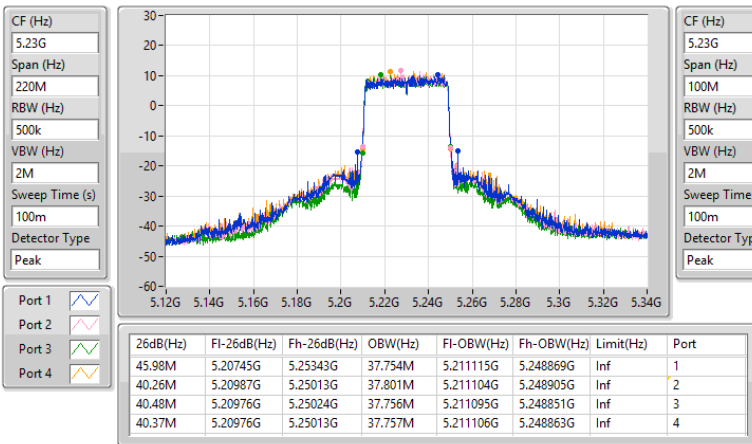


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

19/09/2025

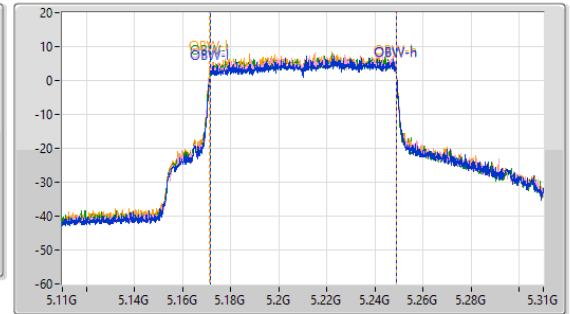
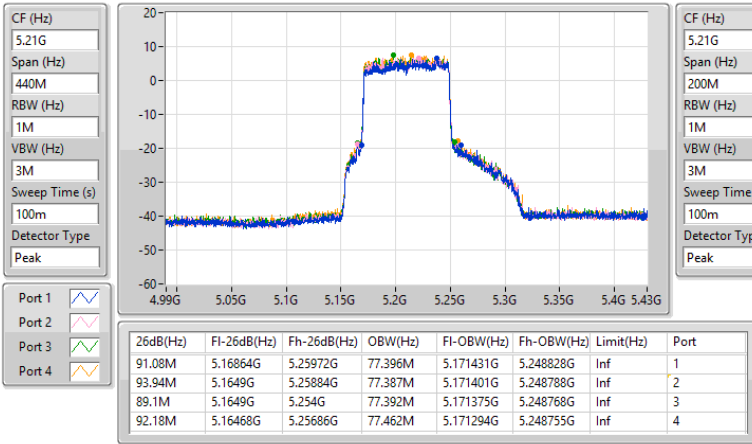


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

19/09/2025

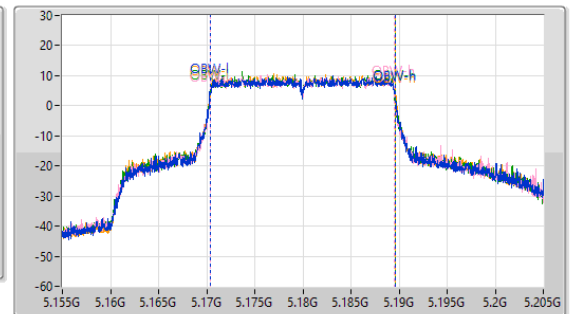
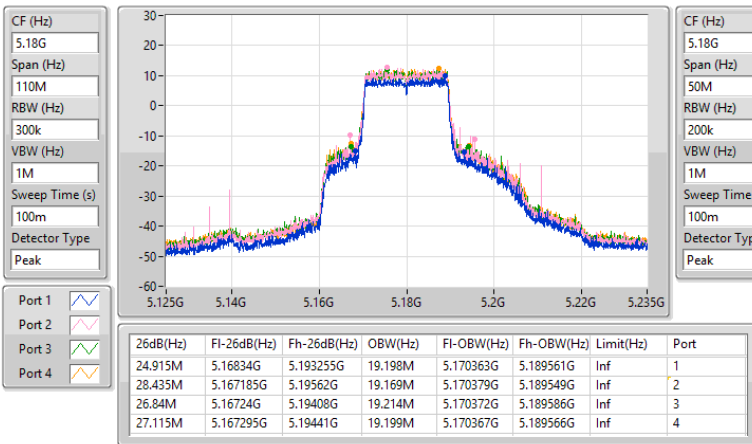


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5180MHz

19/09/2025

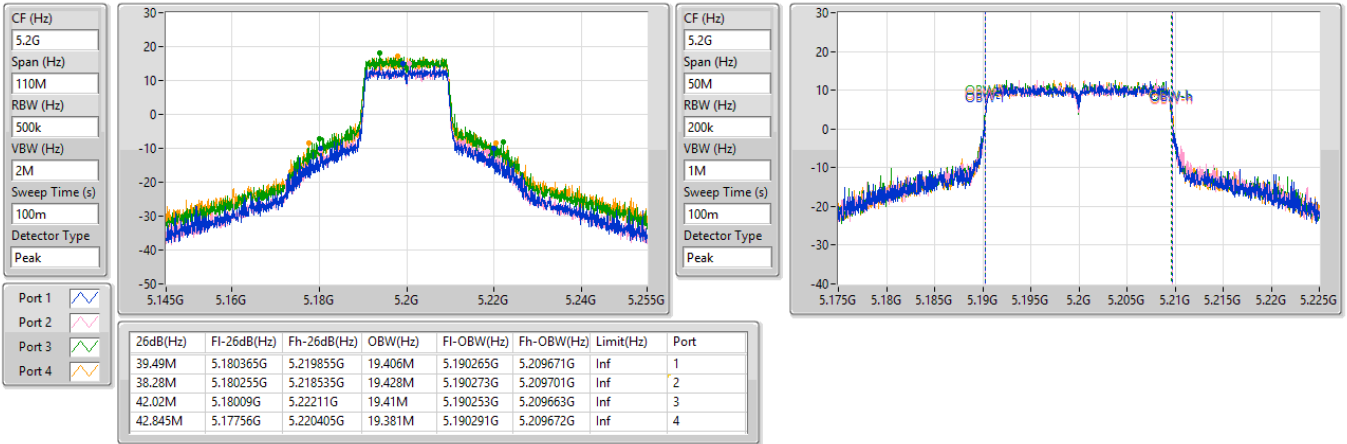


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5200MHz

19/09/2025

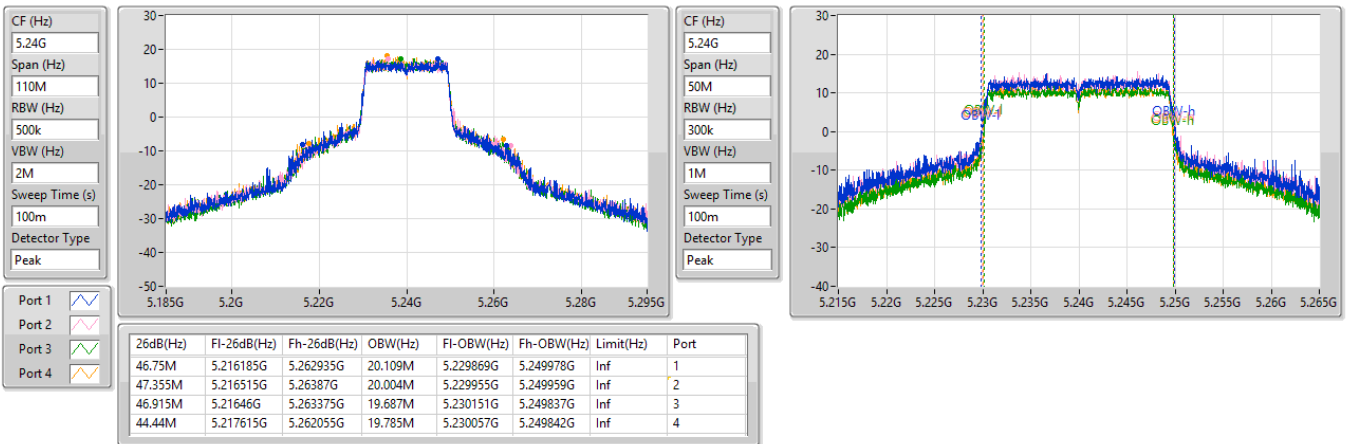


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

19/09/2025

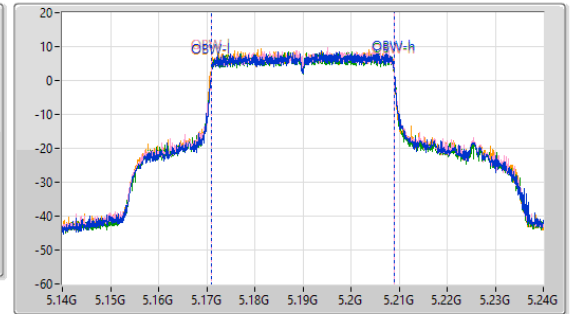
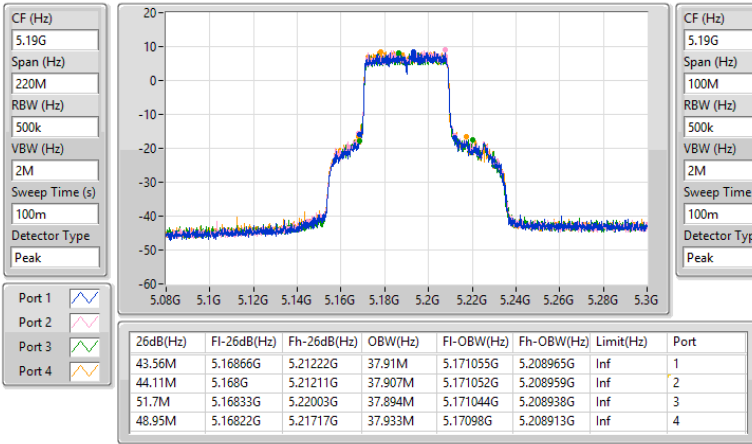


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5190MHz

19/09/2025

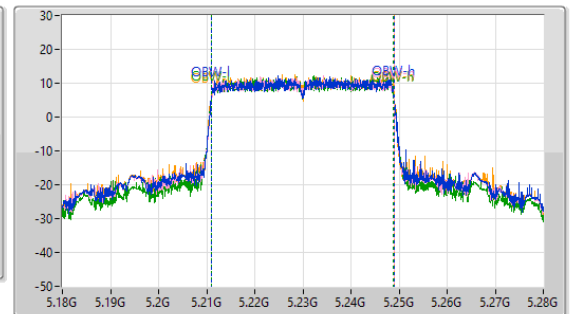
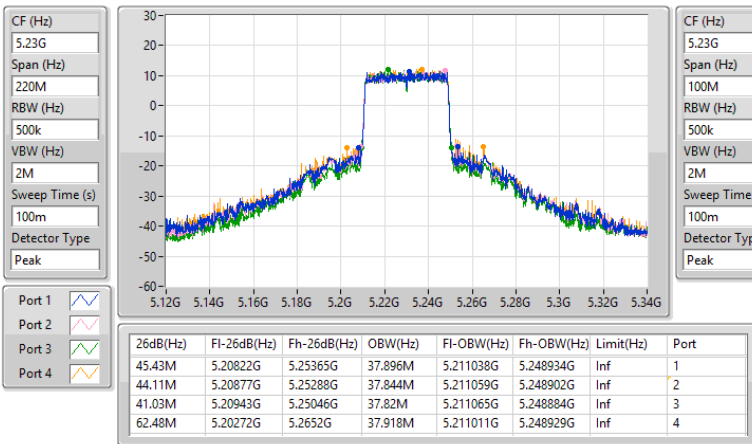


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5230MHz

19/09/2025

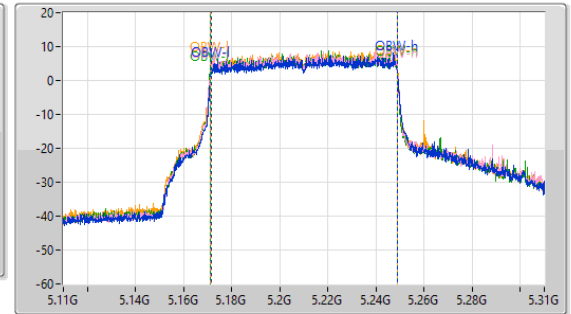
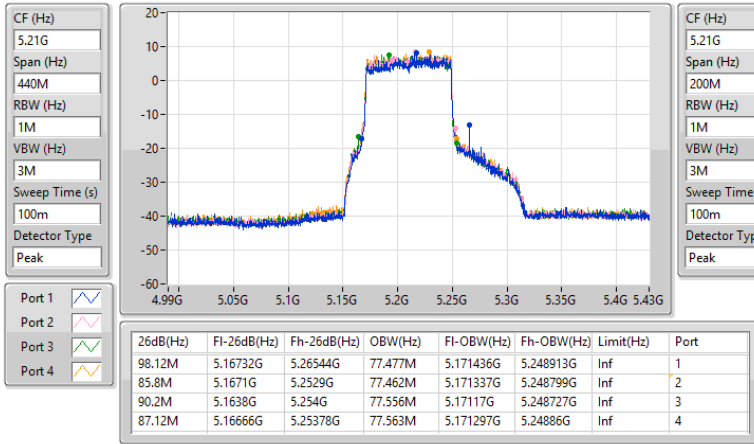


5.15-5.25GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5210MHz

19/09/2025



Test Mode: Mode 13

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_1TX	22.385M	17.072M	17M1D1D	21.45M	16.918M
802.11be EHT20_Nss1.(MCS0)_1TX	28.325M	19.251M	19M3D1D	21.835M	19.12M
802.11be EHT40_Nss1.(MCS0)_1TX	55.66M	37.9M	37M9D1D	40.7M	37.793M
802.11be EHT80_Nss1.(MCS0)_1TX	86.68M	77.448M	77M4D1D	86.68M	77.448M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

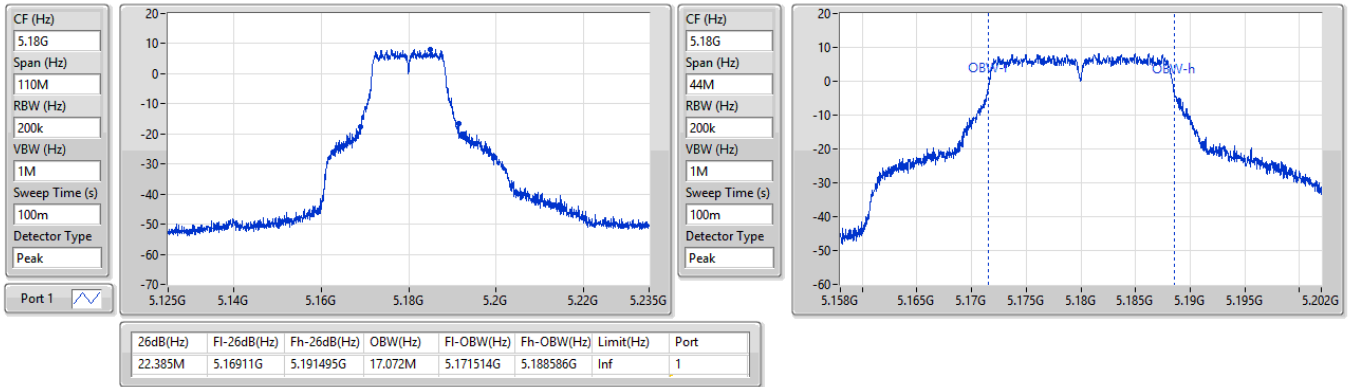
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.385M	17.072M
5200MHz	Pass	Inf	21.45M	16.927M
5240MHz	Pass	Inf	21.45M	16.918M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.325M	19.251M
5200MHz	Pass	Inf	21.835M	19.129M
5240MHz	Pass	Inf	21.835M	19.12M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	55.66M	37.9M
5230MHz	Pass	Inf	40.7M	37.793M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	86.68M	77.448M

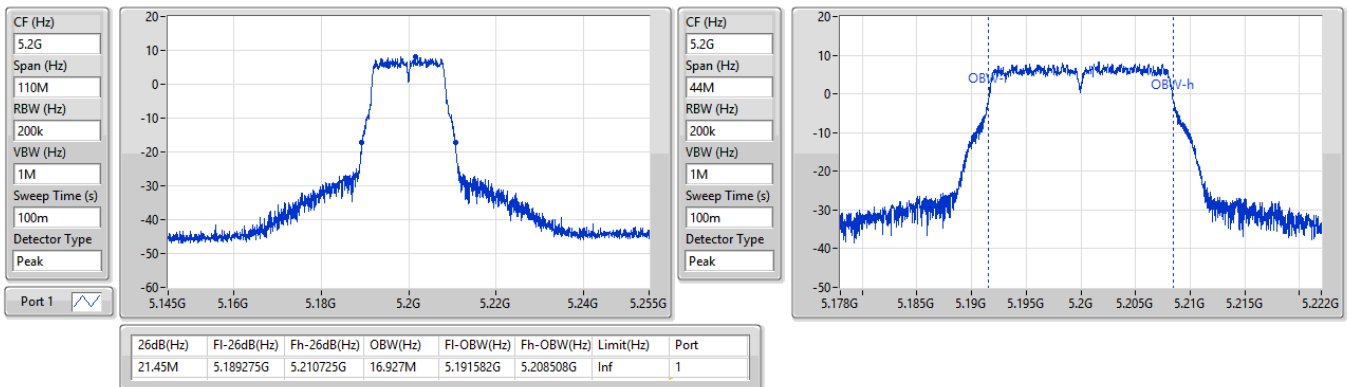
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

20/09/2025

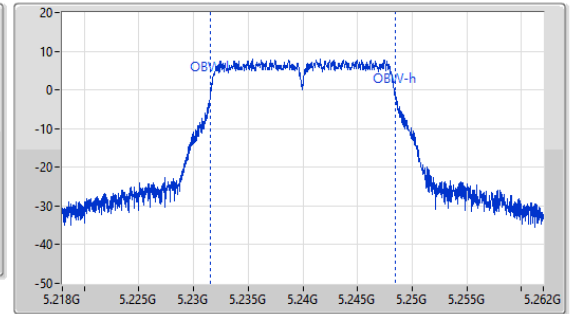
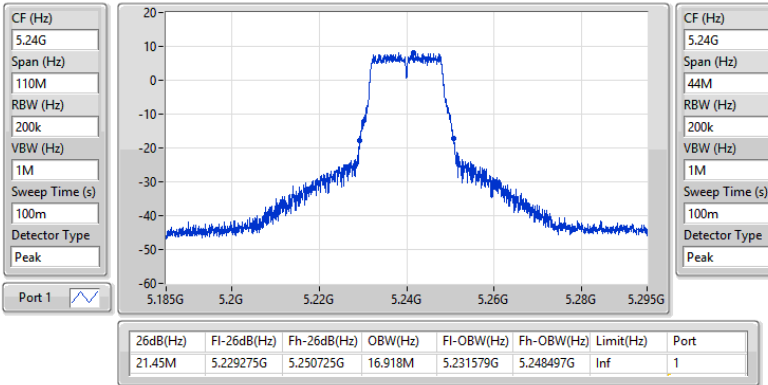

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

20/09/2025

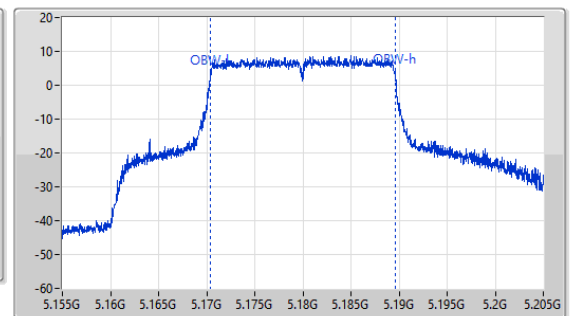
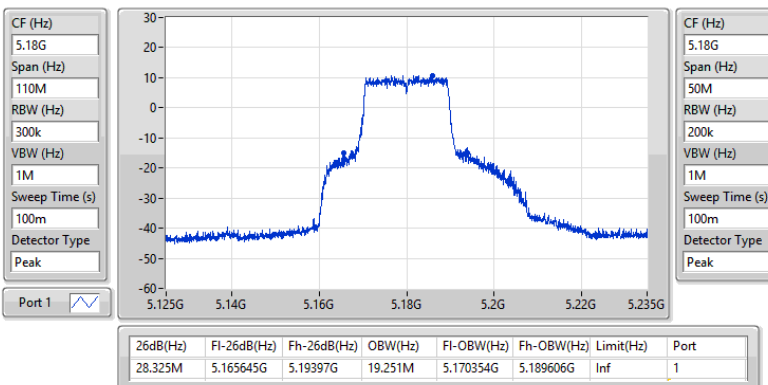


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

20/09/2025

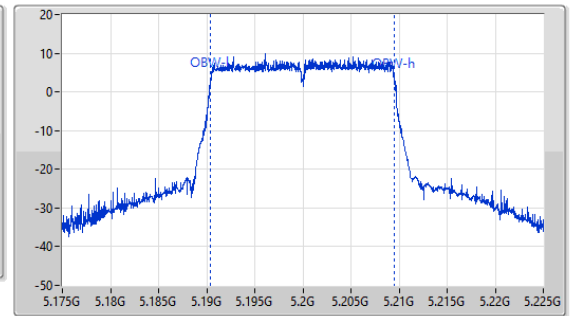
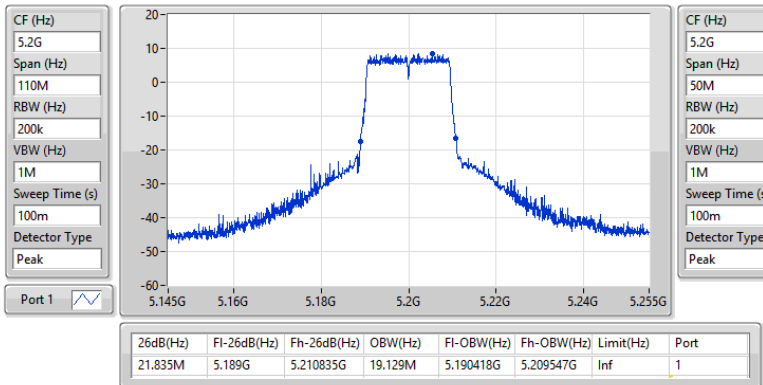

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

20/09/2025

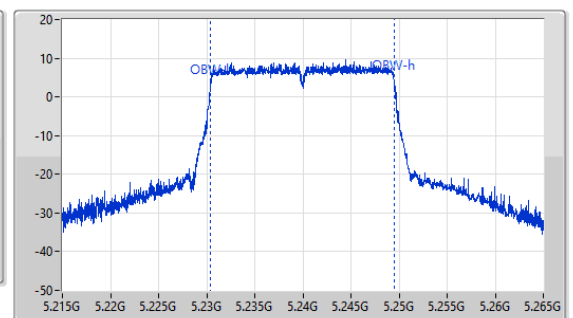
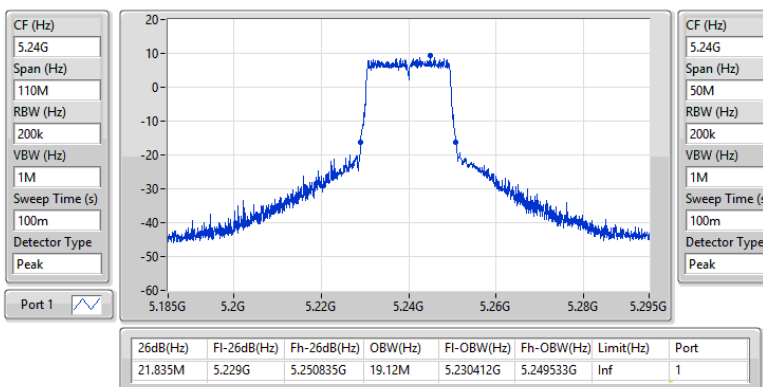


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

20/09/2025


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

20/09/2025

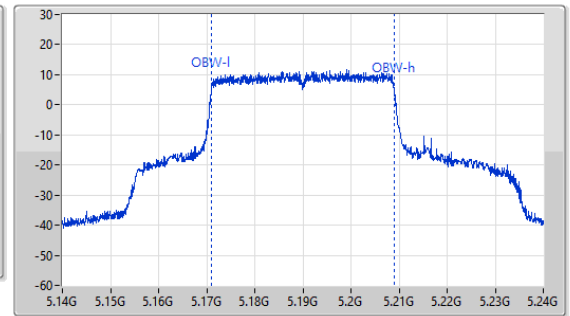
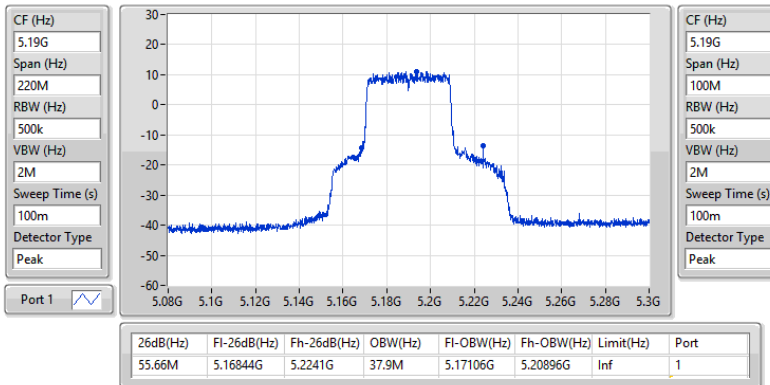


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

20/09/2025

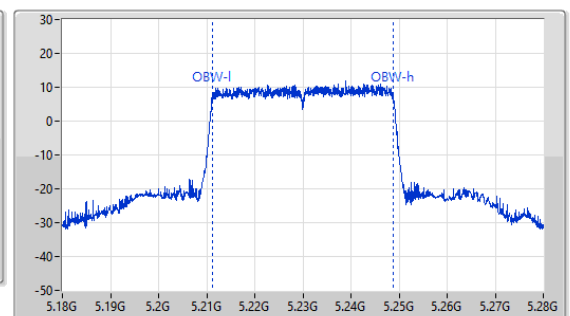
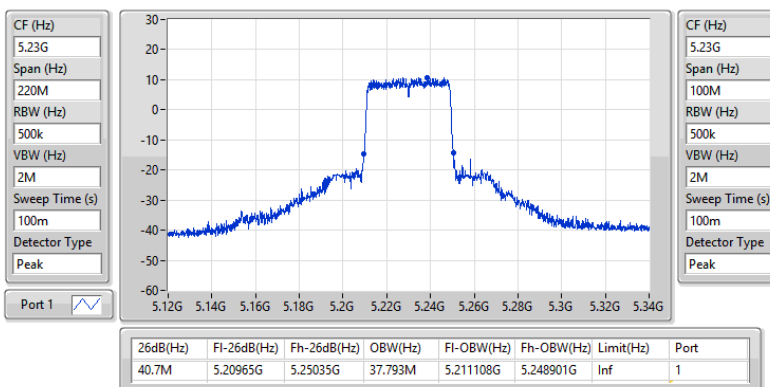


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

20/09/2025

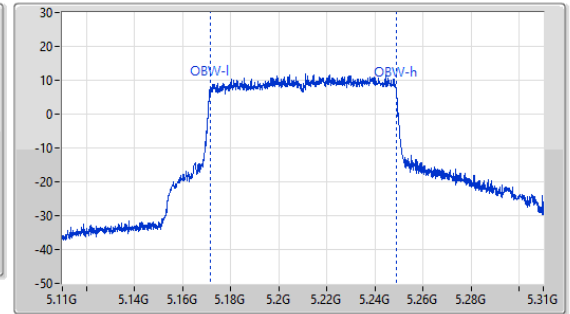
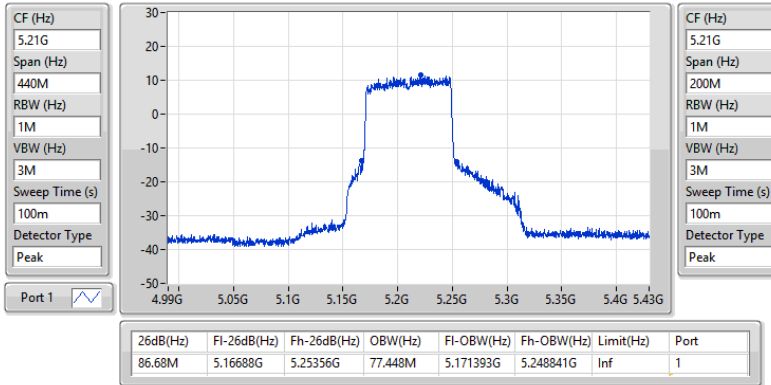


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/09/2025



Test Mode: Mode 14

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	25.135M	17.113M	17M1D1D	21.175M	16.654M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

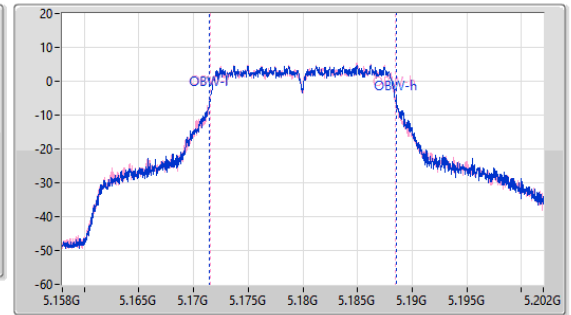
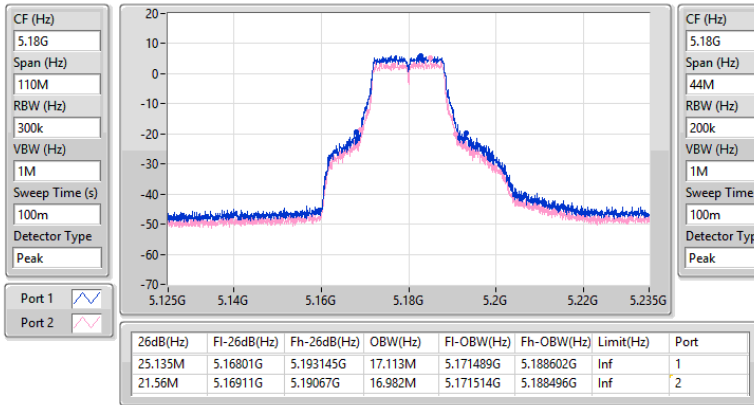
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.135M	17.113M	21.56M	16.982M
5200MHz	Pass	Inf	21.285M	16.877M	21.175M	16.655M
5240MHz	Pass	Inf	21.395M	16.862M	21.23M	16.654M

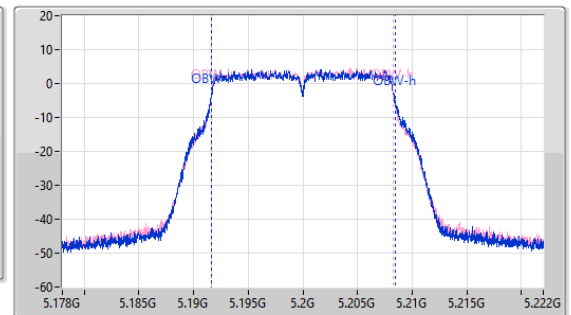
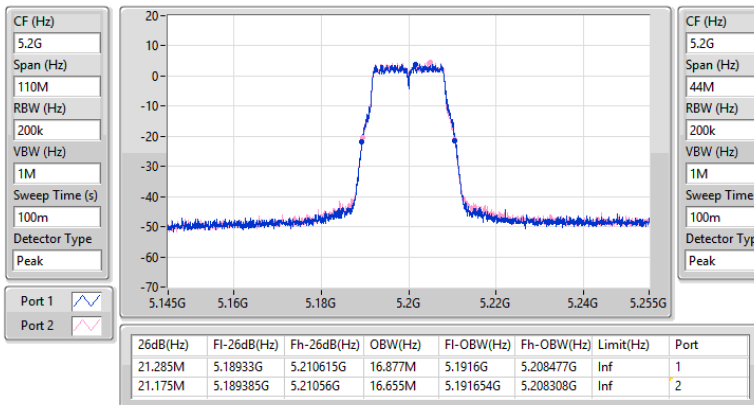
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

20/09/2025


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

20/09/2025

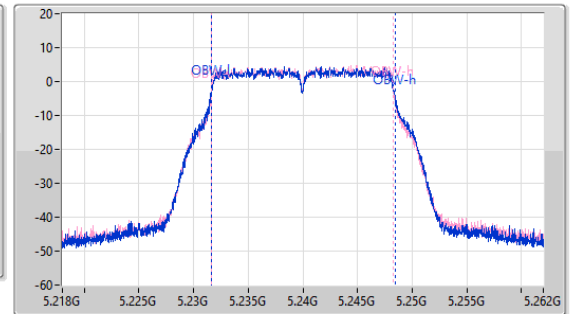
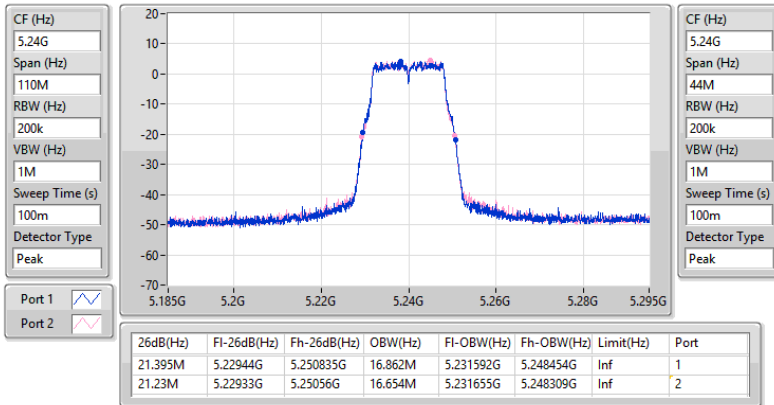


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

20/09/2025



Test Mode: Mode 15

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.005M	19.245M	19M2D1D	21.505M	19.061M
802.11be EHT40_Nss2,(MCS0)_2TX	46.97M	37.892M	37M9D1D	40.59M	37.718M
802.11be EHT80_Nss2,(MCS0)_2TX	88M	77.377M	77M4D1D	86.9M	77.306M

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

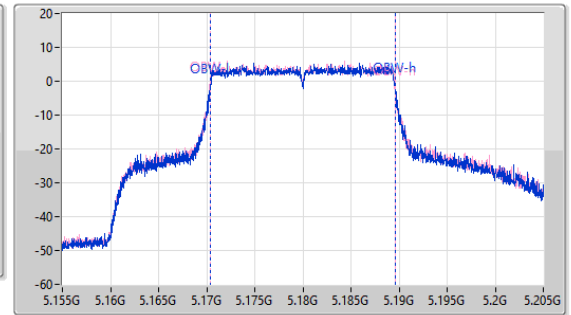
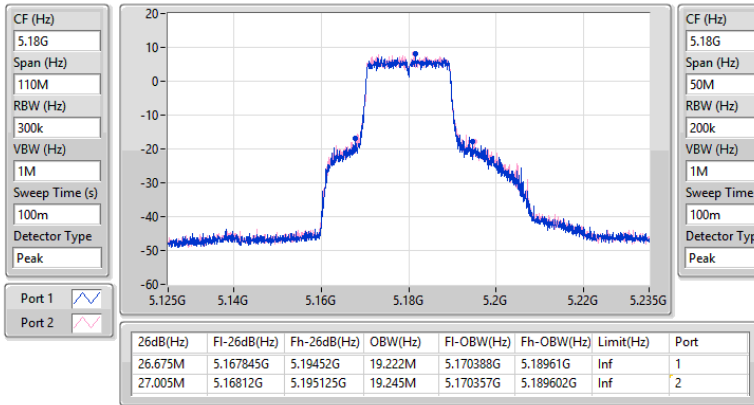
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.675M	19.222M	27.005M	19.245M
5200MHz	Pass	Inf	21.615M	19.092M	21.505M	19.061M
5240MHz	Pass	Inf	21.67M	19.066M	21.78M	19.085M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	46.97M	37.892M	44M	37.861M
5230MHz	Pass	Inf	40.59M	37.75M	40.92M	37.718M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	88M	77.377M	86.9M	77.306M

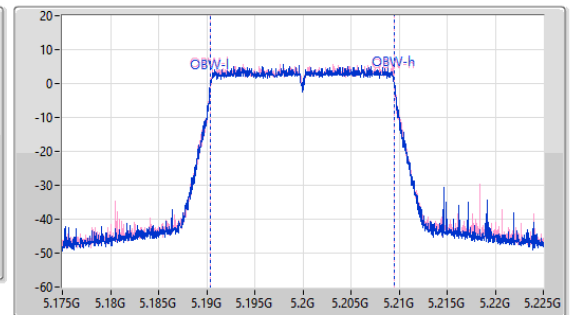
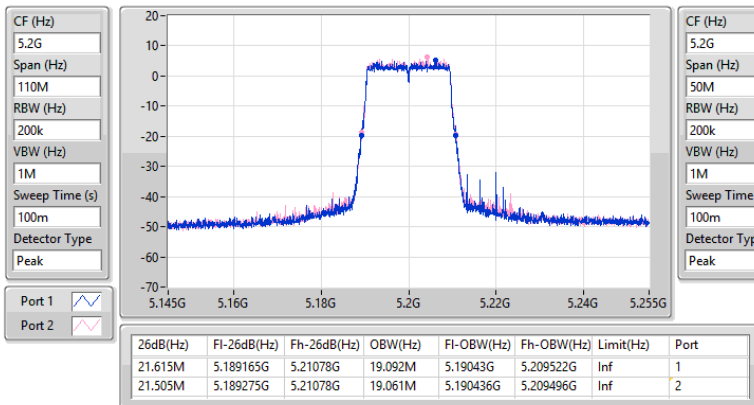
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5180MHz

20/09/2025


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5200MHz

20/09/2025

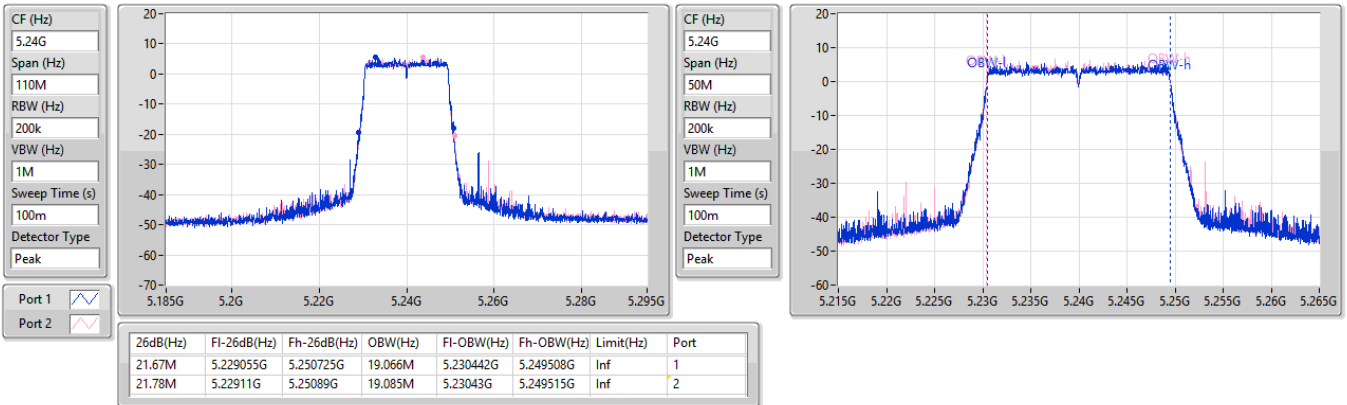


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

20/09/2025

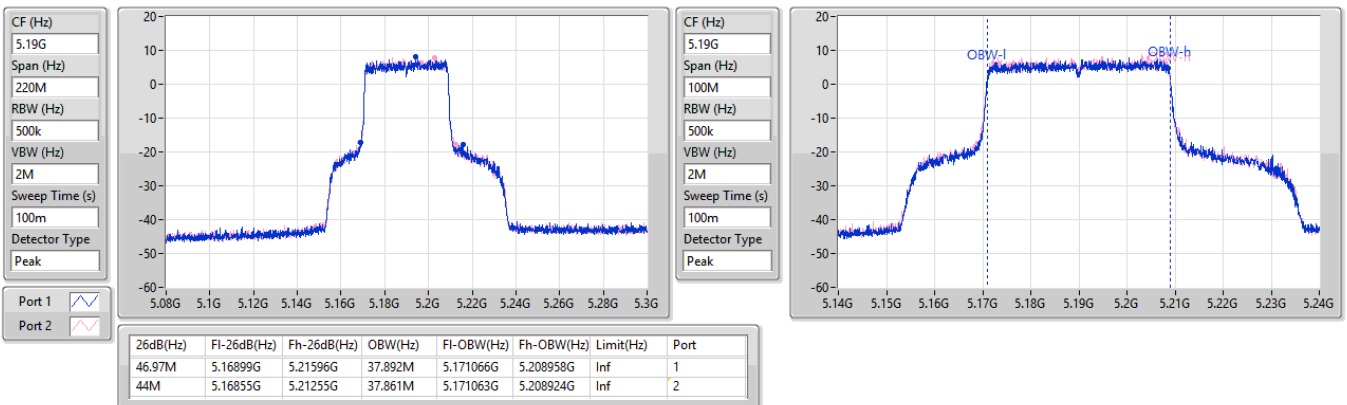


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

20/09/2025

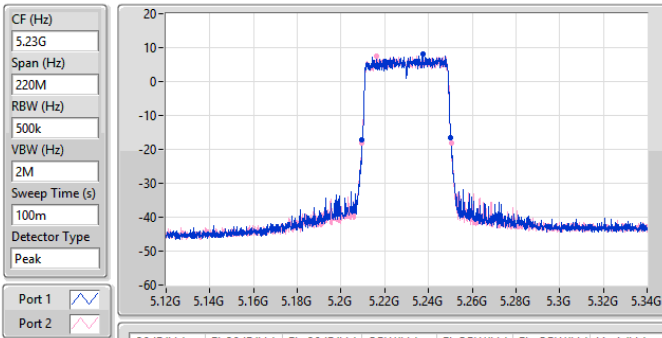


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

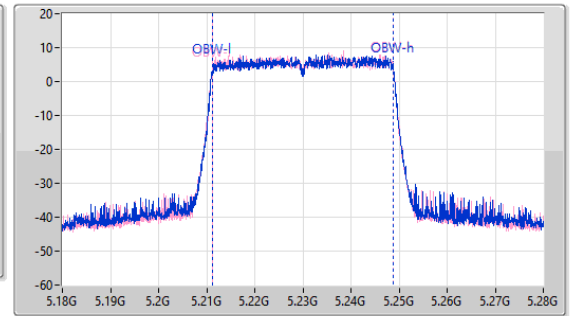
EBW

5230MHz

20/09/2025



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.20965G	5.25024G	37.75M	5.211122G	5.248872G	Inf	1
40.92M	5.20965G	5.25057G	37.718M	5.211117G	5.248835G	Inf	2

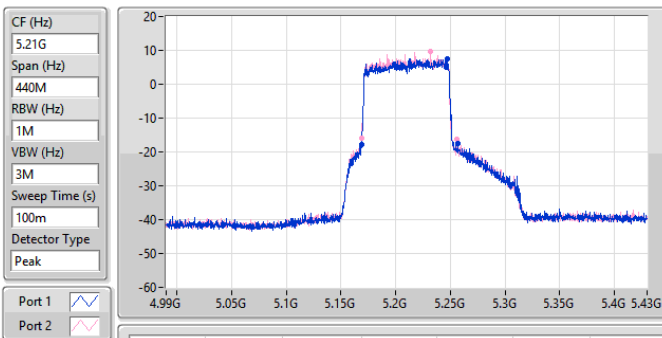


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

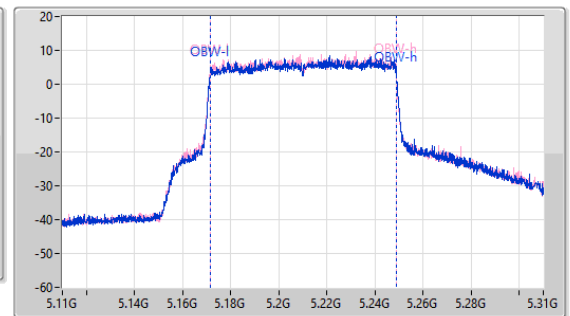
EBW

5210MHz

20/09/2025



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88M	5.16864G	5.25664G	77.377M	5.171483G	5.24886G	Inf	1
86.9M	5.16864G	5.25554G	77.306M	5.171463G	5.248769G	Inf	2



Test Mode: Mode 16**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_4TX	22.605M	17.127M	17M1D1D	21.285M	16.758M
802.11be EHT20_Nss1.(MCS0)_4TX	29.535M	19.247M	19M2D1D	21.34M	19.083M
802.11be EHT40_Nss1.(MCS0)_4TX	47.96M	37.936M	37M9D1D	40.26M	37.714M
802.11be EHT80_Nss1.(MCS0)_4TX	92.4M	77.458M	77M5D1D	86.9M	77.391M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.495M	17.109M	22.605M	17.127M	21.89M	17.067M	21.78M	17.055M
5200MHz	Pass	Inf	21.34M	16.88M	21.34M	16.805M	21.34M	16.817M	21.395M	16.768M
5240MHz	Pass	Inf	21.34M	16.869M	21.285M	16.847M	21.505M	16.821M	21.34M	16.758M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.05M	19.247M	25.19M	19.194M	29.37M	19.225M	29.535M	19.235M
5200MHz	Pass	Inf	21.56M	19.126M	21.505M	19.083M	21.725M	19.084M	21.34M	19.093M
5240MHz	Pass	Inf	21.67M	19.119M	21.56M	19.095M	21.56M	19.109M	21.505M	19.093M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	42.57M	37.927M	42.02M	37.936M	47.96M	37.922M	42.13M	37.915M
5230MHz	Pass	Inf	40.7M	37.762M	40.26M	37.75M	40.7M	37.772M	40.37M	37.714M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	92.4M	77.458M	87.34M	77.411M	90.64M	77.41M	86.9M	77.391M

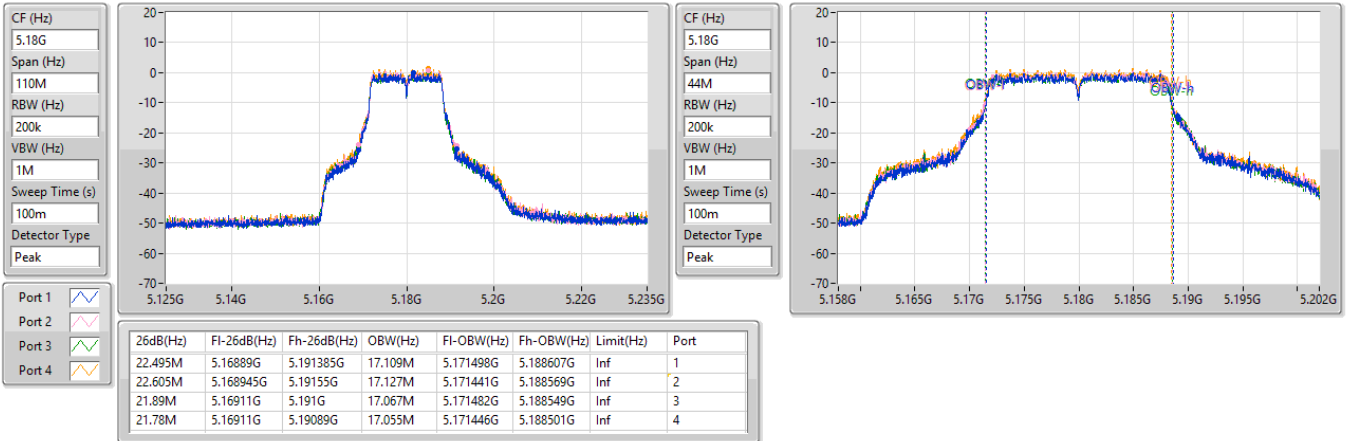
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

22/09/2025

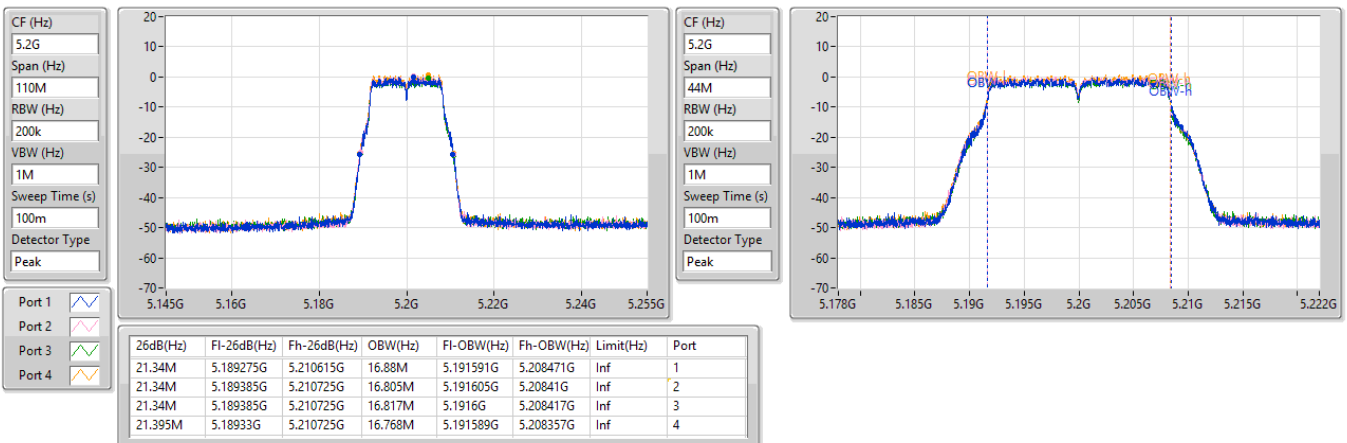


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

22/09/2025

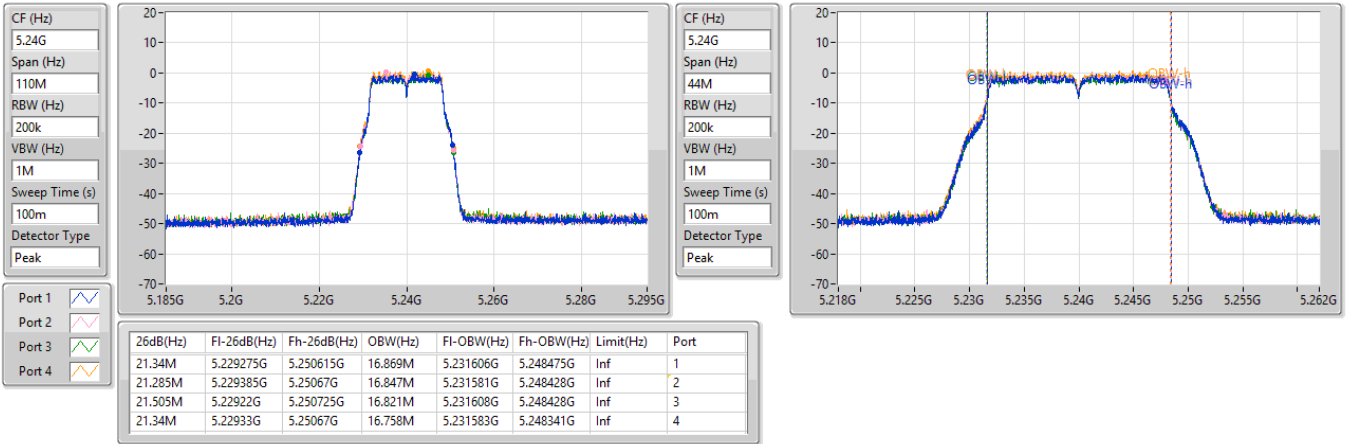


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

22/09/2025

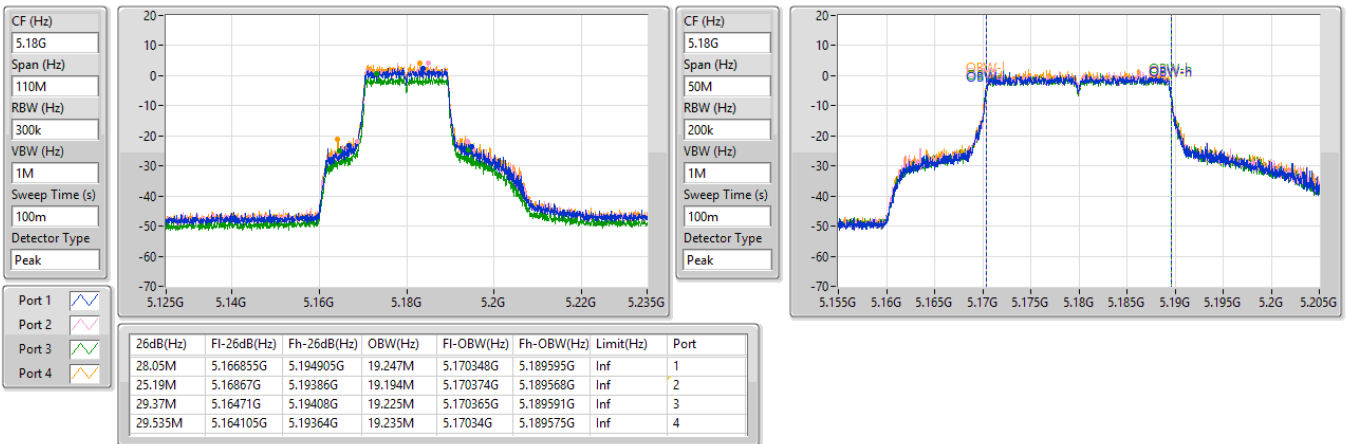


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

22/09/2025

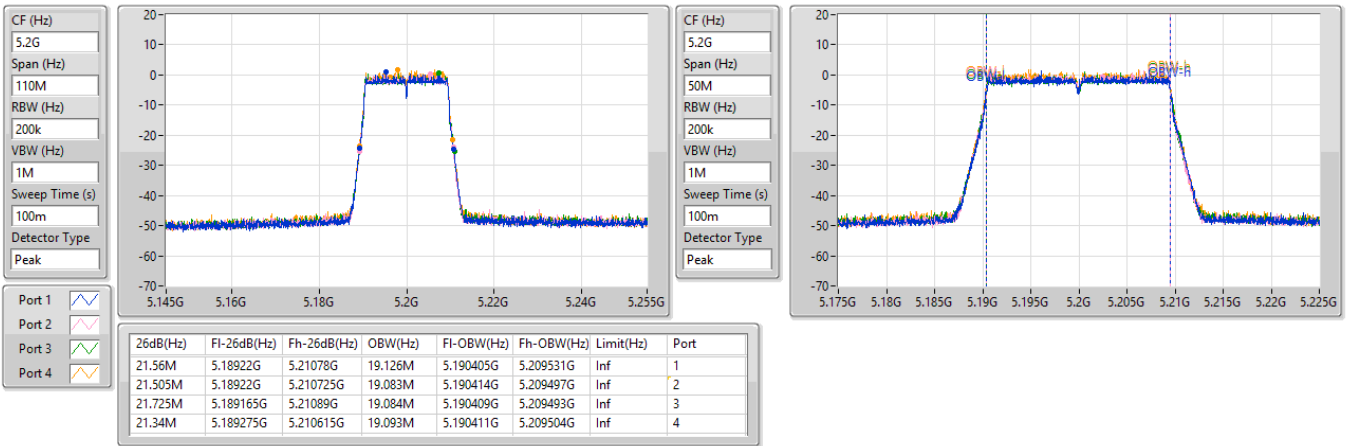


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

22/09/2025

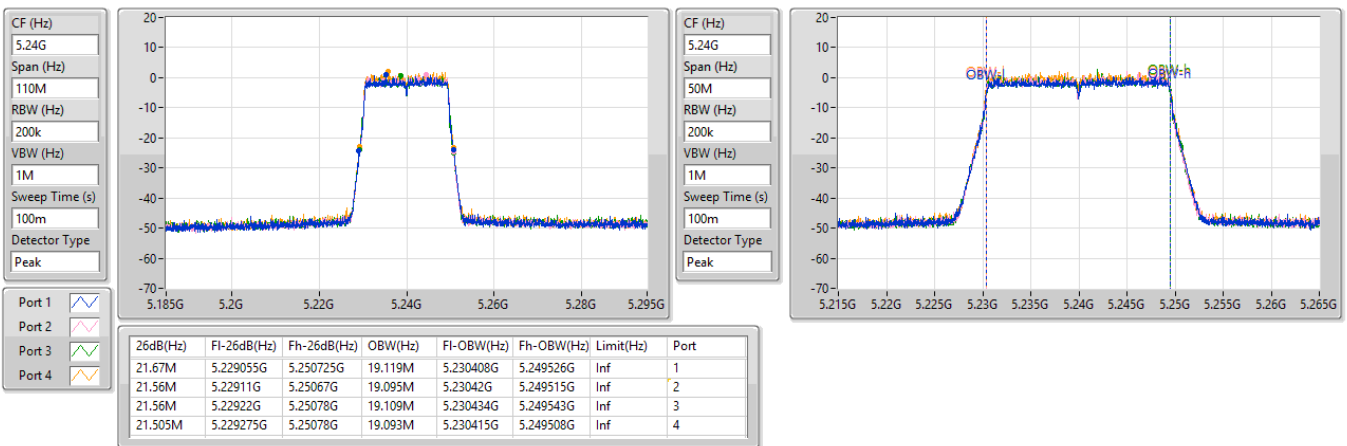


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

22/09/2025

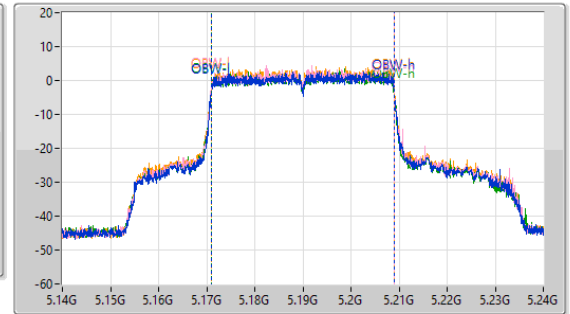
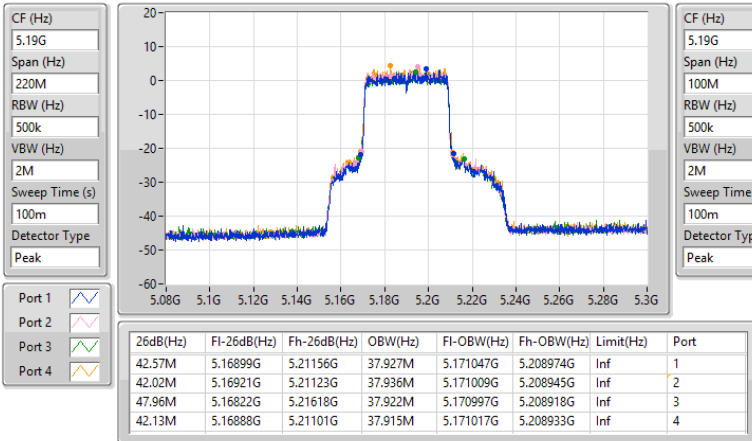


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

22/09/2025

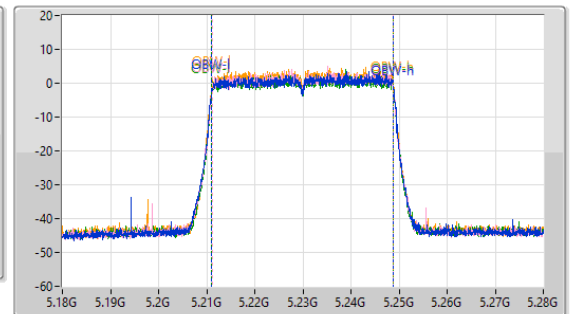
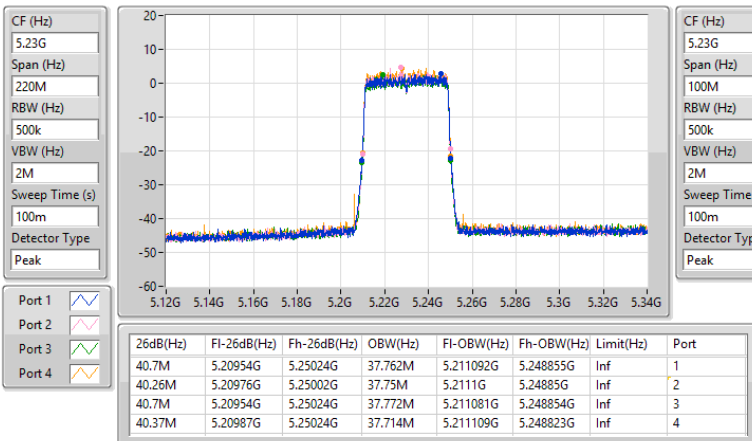


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

22/09/2025

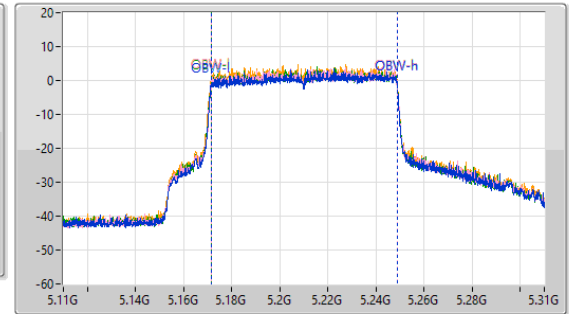
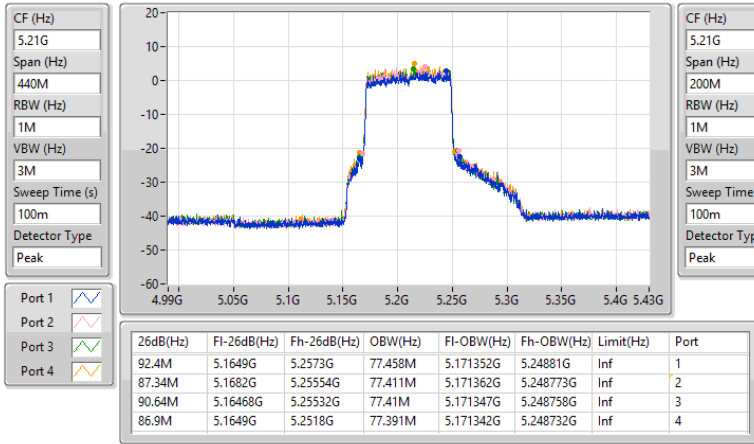


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

22/09/2025



Test Mode: Mode 17

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	34.87M	19.237M	19M2D1D	21.45M	19.046M
802.11be EHT40_Nss4,(MCS0)_4TX	48.62M	37.97M	38M0D1D	40.48M	37.718M
802.11be EHT80_Nss4,(MCS0)_4TX	93.72M	77.507M	77M5D1D	85.8M	77.453M

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 EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	34.87M	19.237M	25.63M	19.193M	27.995M	19.231M	28.05M	19.213M
5200MHz	Pass	Inf	21.56M	19.151M	21.56M	19.063M	21.56M	19.112M	21.505M	19.073M
5240MHz	Pass	Inf	21.505M	19.084M	21.45M	19.046M	21.615M	19.112M	21.725M	19.078M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	48.62M	37.895M	44.22M	37.906M	44M	37.92M	43.78M	37.97M
5230MHz	Pass	Inf	40.59M	37.781M	40.59M	37.76M	40.81M	37.718M	40.48M	37.773M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.68M	77.481M	85.8M	77.479M	89.32M	77.507M	93.72M	77.453M

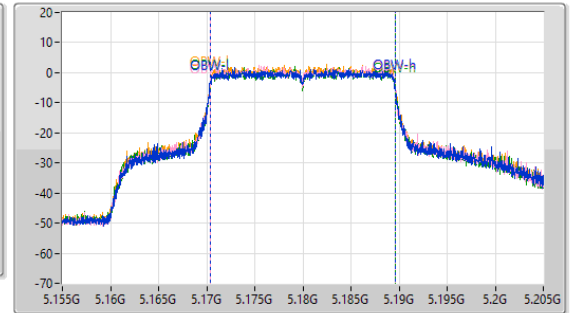
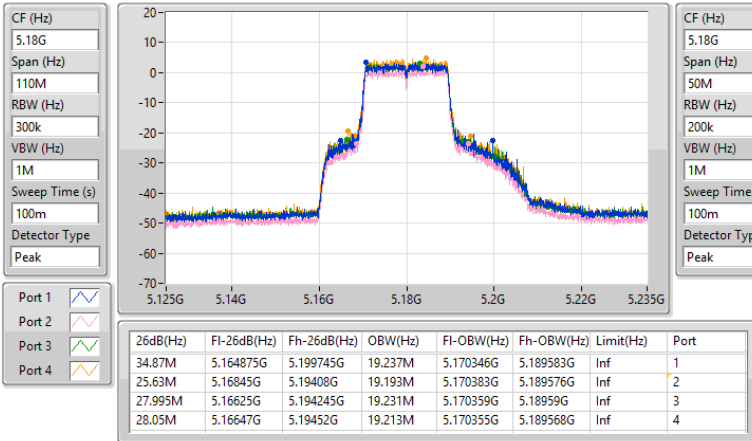
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5180MHz

22/09/2025

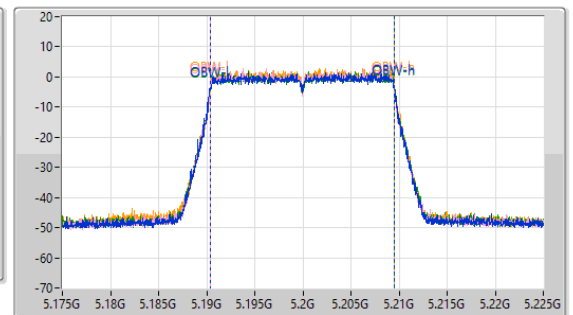
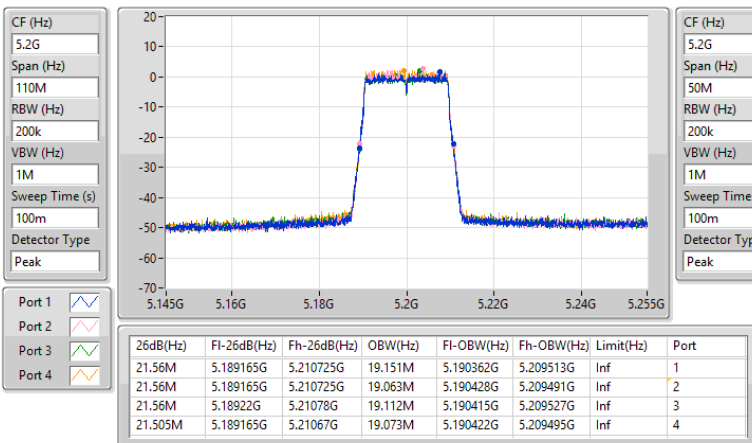


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5200MHz

22/09/2025

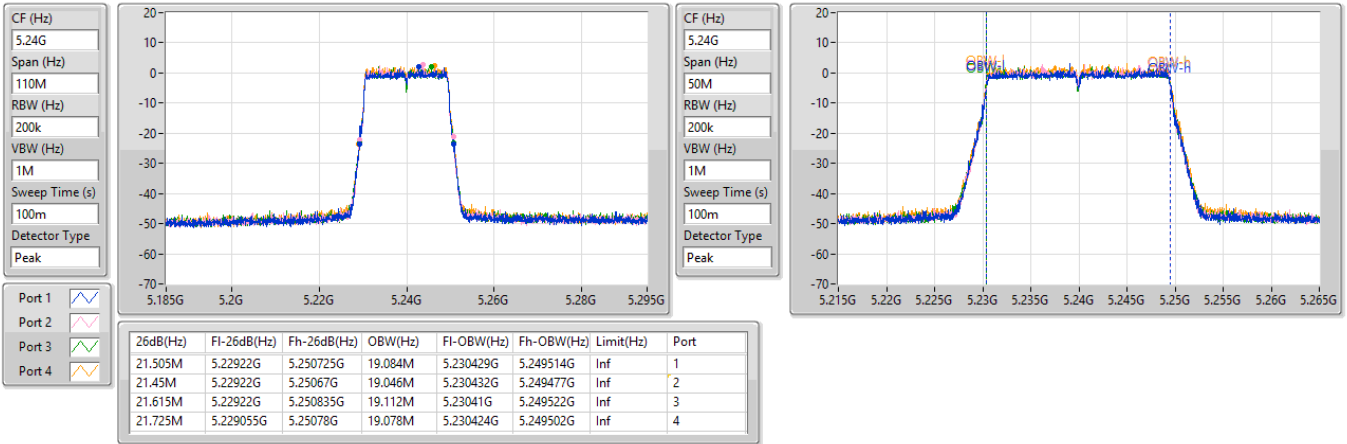


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

22/09/2025

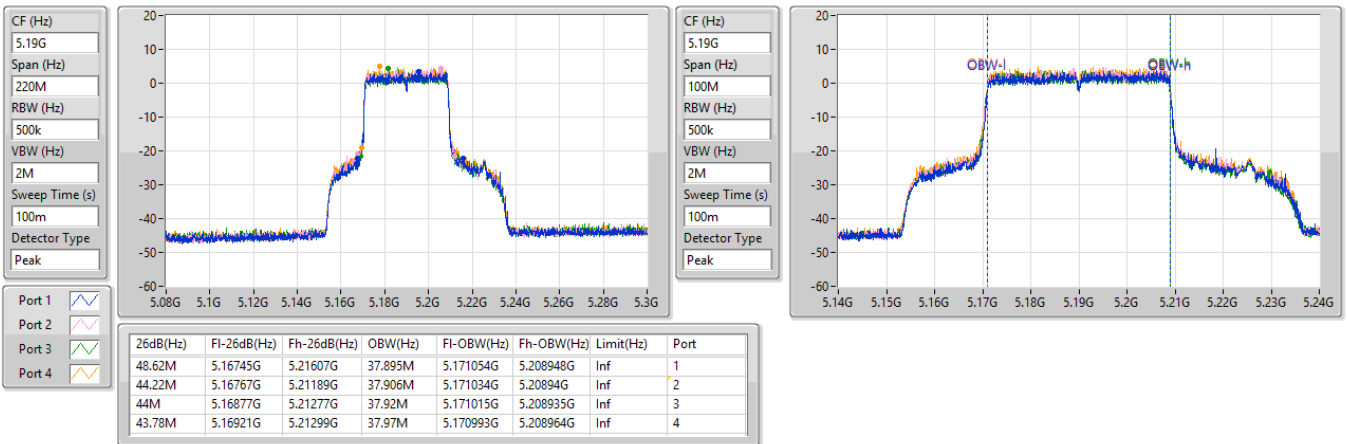


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5190MHz

22/09/2025

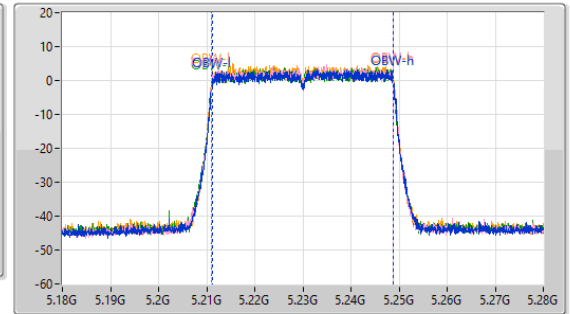
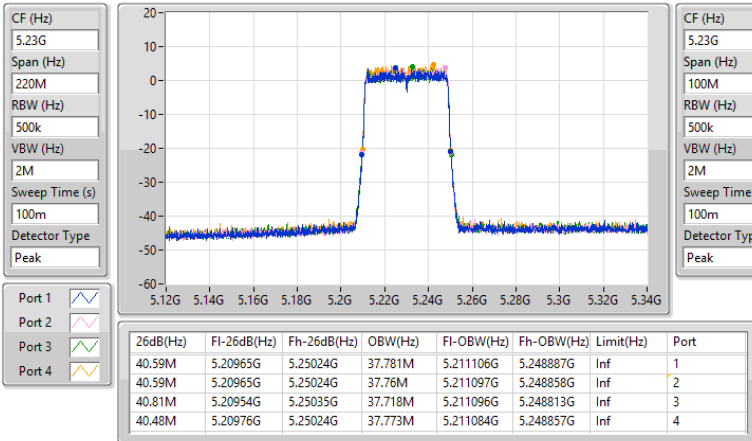


5.15-5.25GHz_802.11be EHT40_Nss4_(MCS0)_4TX

EBW

5230MHz

22/09/2025

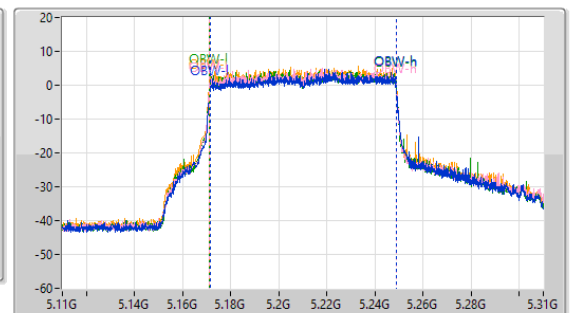
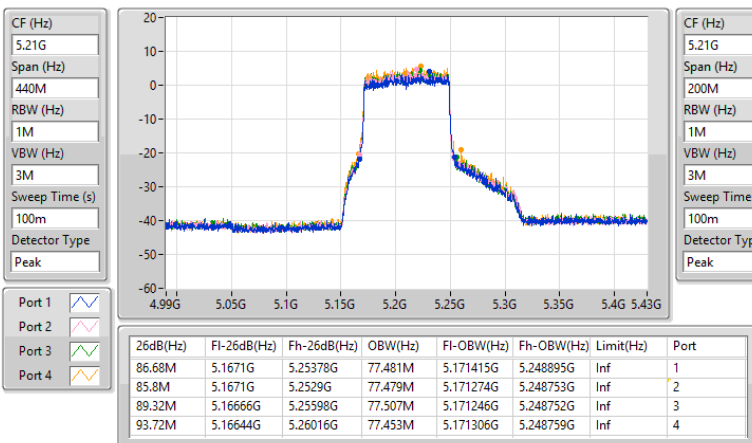


5.15-5.25GHz_802.11be EHT80_Nss4_(MCS0)_4TX

EBW

5210MHz

22/09/2025



Test Mode: Mode 18**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_1TX	22.385M	17.072M	17M1D1D	21.45M	16.918M
802.11be EHT20_Nss1.(MCS0)_1TX	28.325M	19.251M	19M3D1D	21.835M	19.12M
802.11be EHT40_Nss1.(MCS0)_1TX	55.66M	37.9M	37M9D1D	40.7M	37.793M
802.11be EHT80_Nss1.(MCS0)_1TX	86.68M	77.448M	77M4D1D	86.68M	77.448M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

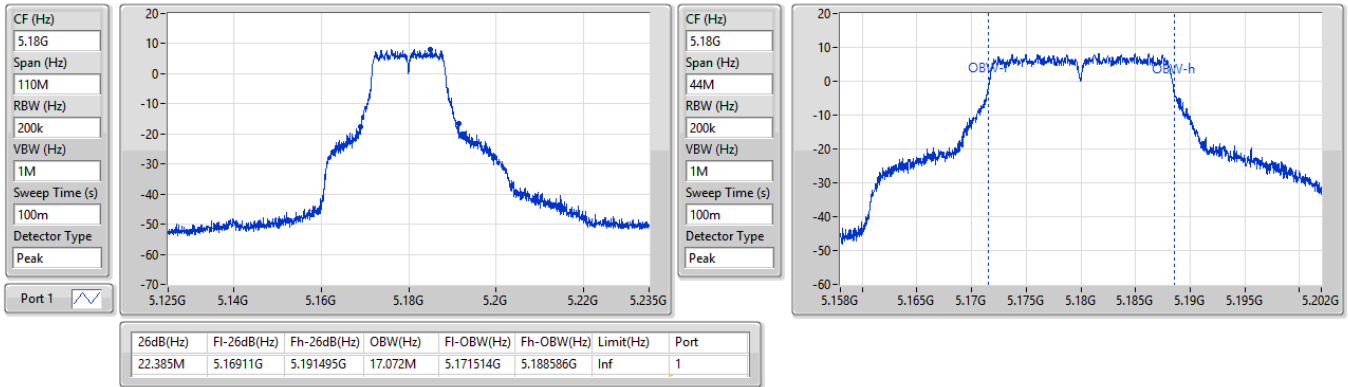
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.385M	17.072M
5200MHz	Pass	Inf	21.45M	16.927M
5240MHz	Pass	Inf	21.45M	16.918M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.325M	19.251M
5200MHz	Pass	Inf	21.835M	19.129M
5240MHz	Pass	Inf	21.835M	19.12M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	55.66M	37.9M
5230MHz	Pass	Inf	40.7M	37.793M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	86.68M	77.448M

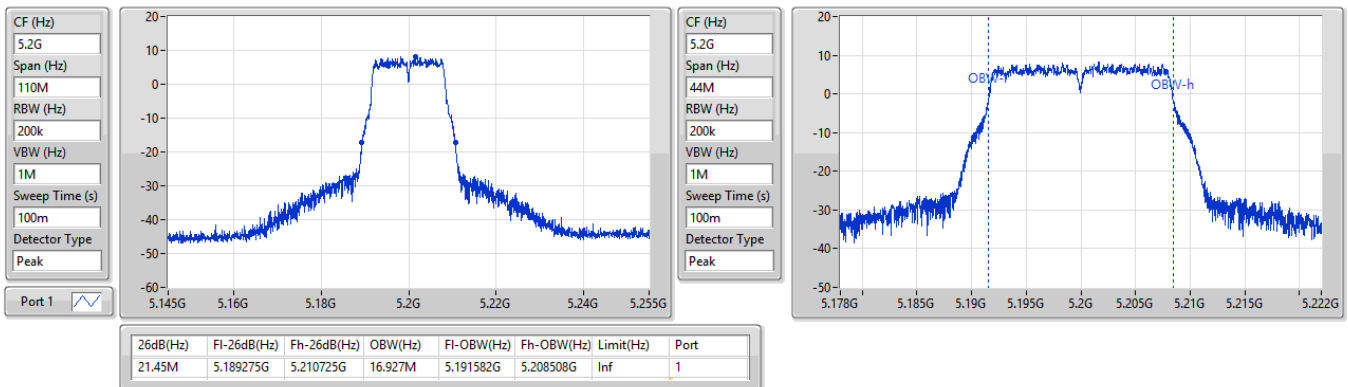
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

20/09/2025

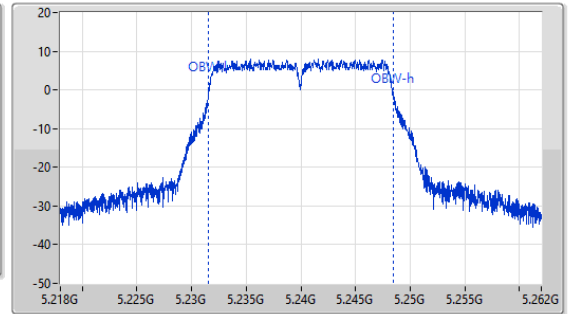
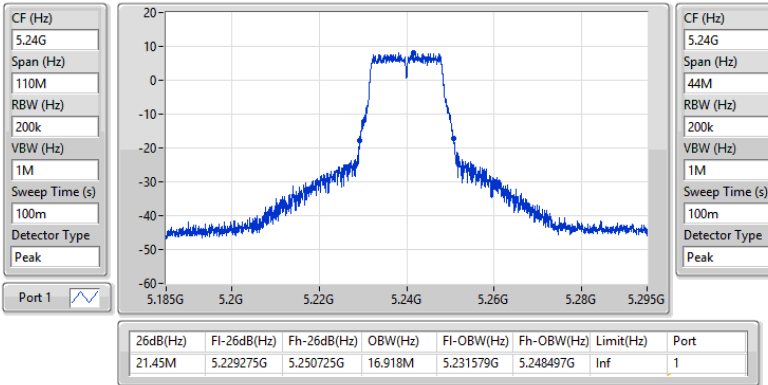

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

20/09/2025

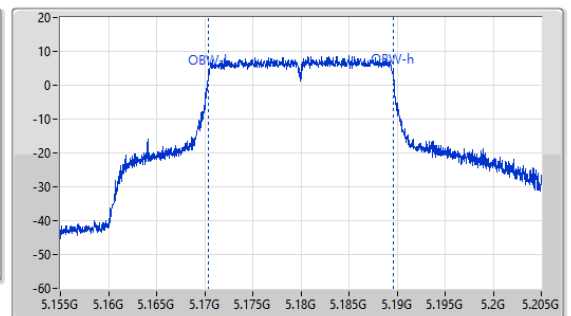
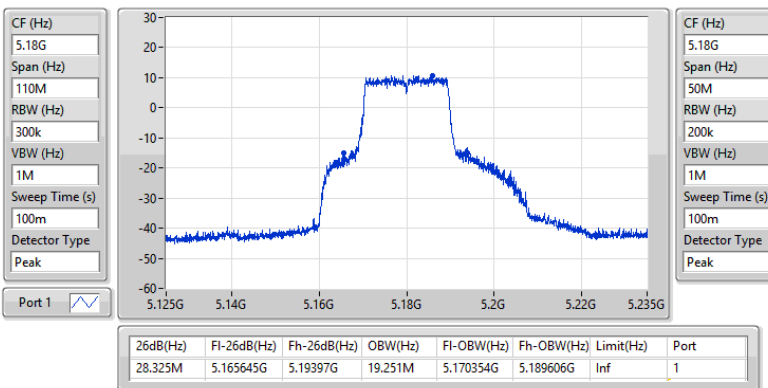


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

20/09/2025

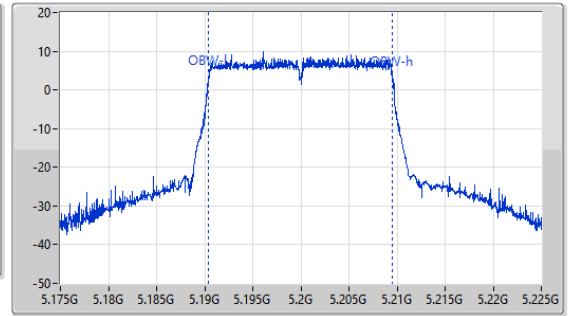
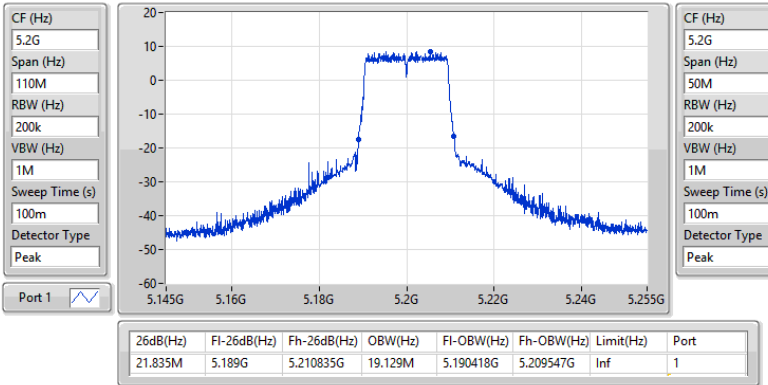

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

20/09/2025

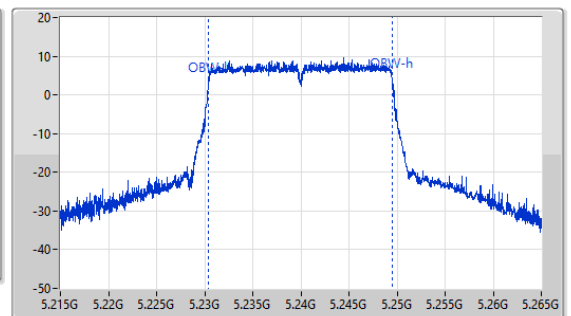
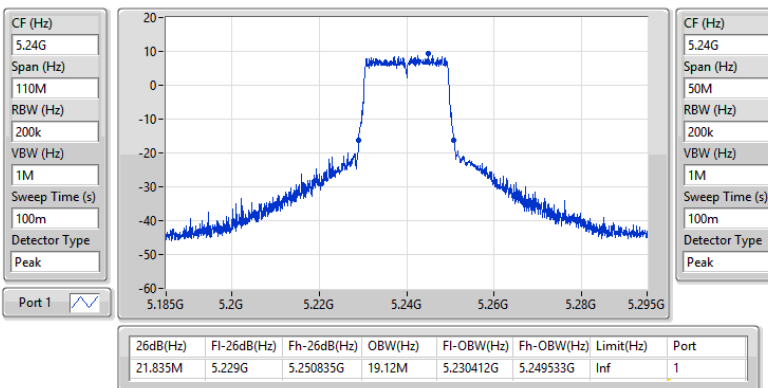


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

20/09/2025


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

20/09/2025

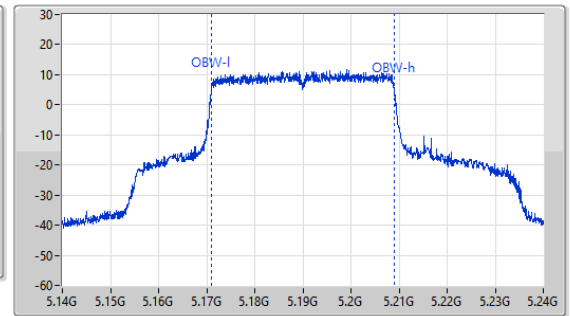
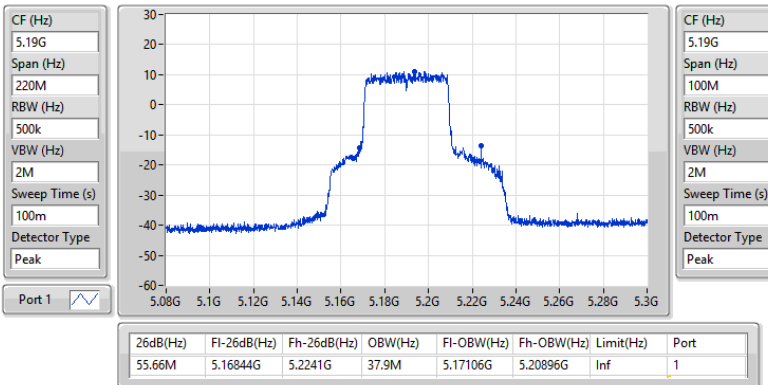


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

20/09/2025

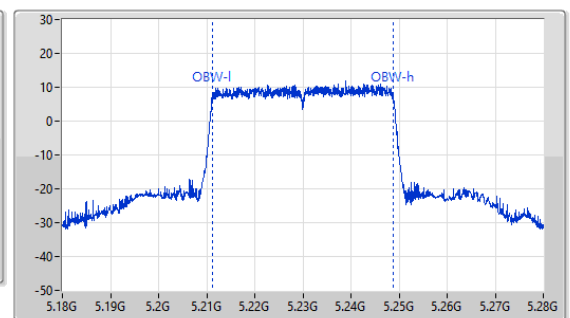
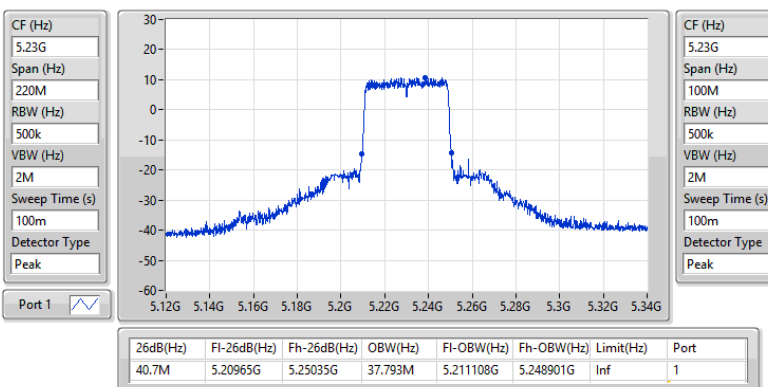


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

20/09/2025

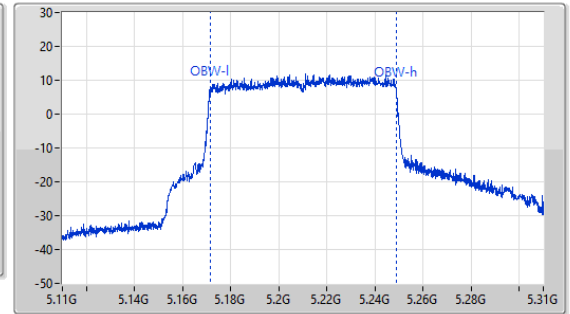
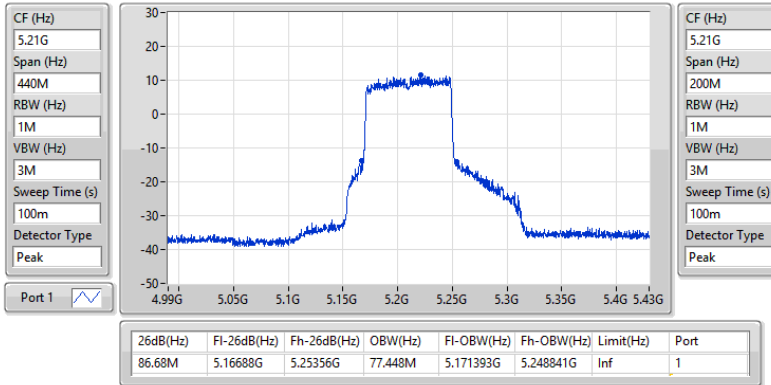


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/09/2025



Test Mode: Mode 19

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	25.135M	17.113M	17M1D1D	21.175M	16.654M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

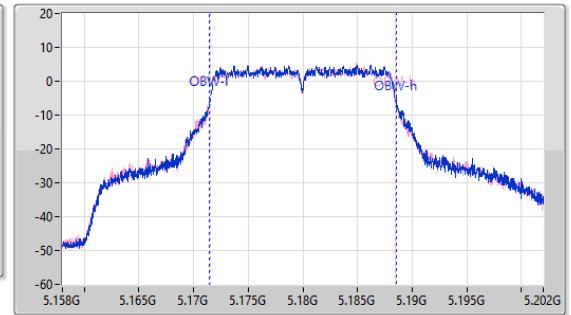
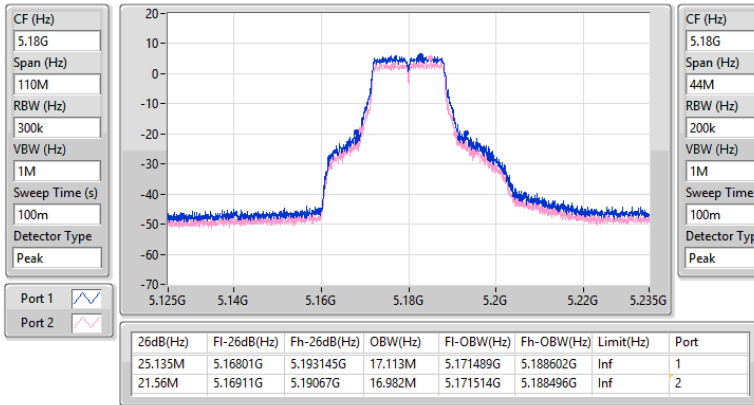
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.135M	17.113M	21.56M	16.982M
5200MHz	Pass	Inf	21.285M	16.877M	21.175M	16.655M
5240MHz	Pass	Inf	21.395M	16.862M	21.23M	16.654M

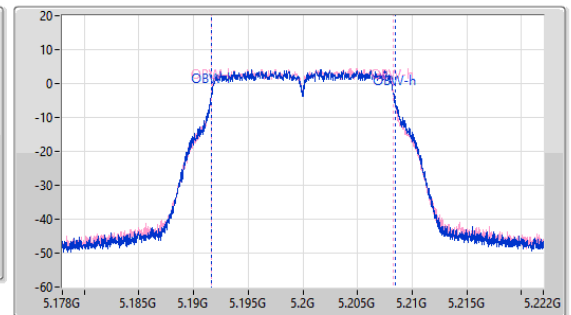
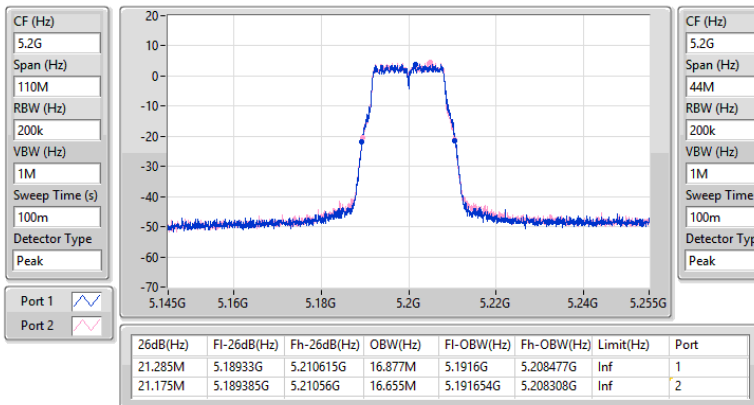
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

20/09/2025


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

20/09/2025

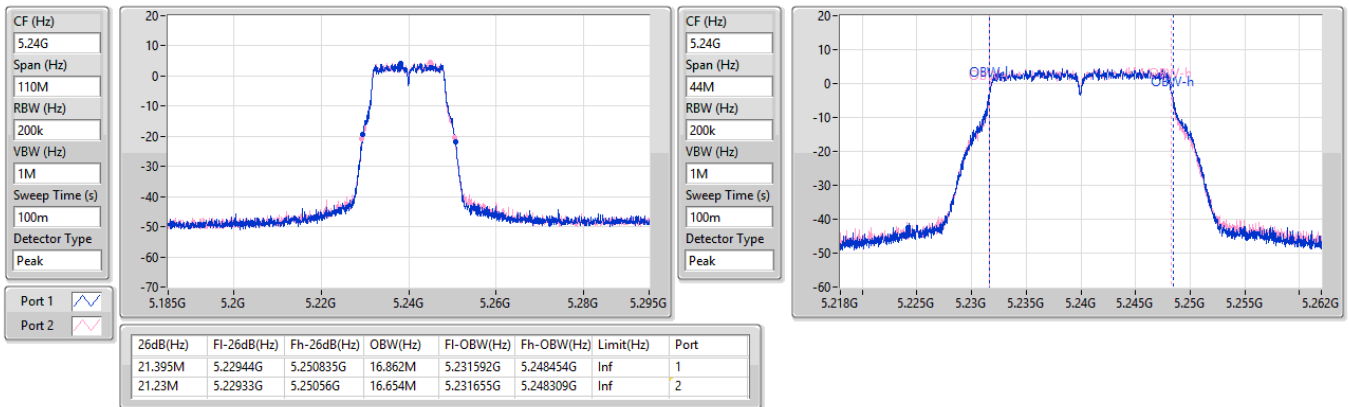


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

20/09/2025



Test Mode: Mode 20

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.005M	19.245M	19M2D1D	21.505M	19.061M
802.11be EHT40_Nss2,(MCS0)_2TX	46.97M	37.892M	37M9D1D	40.59M	37.718M
802.11be EHT80_Nss2,(MCS0)_2TX	88M	77.377M	77M4D1D	86.9M	77.306M

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 EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.675M	19.222M	27.005M	19.245M
5200MHz	Pass	Inf	21.615M	19.092M	21.505M	19.061M
5240MHz	Pass	Inf	21.67M	19.066M	21.78M	19.085M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	46.97M	37.892M	44M	37.861M
5230MHz	Pass	Inf	40.59M	37.75M	40.92M	37.718M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	88M	77.377M	86.9M	77.306M

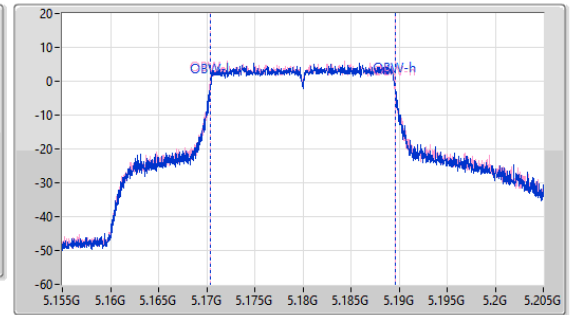
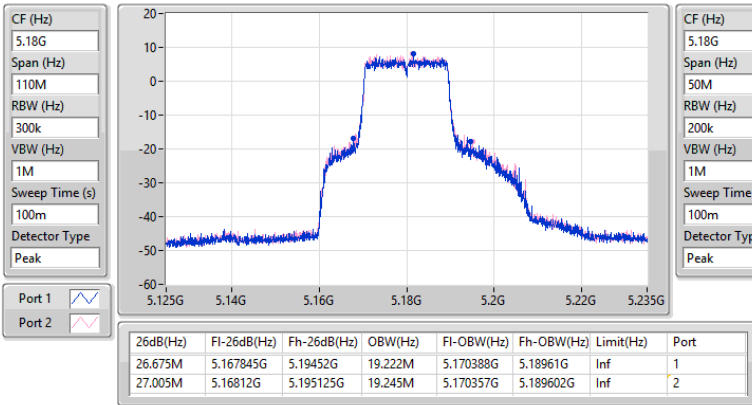
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5180MHz

20/09/2025

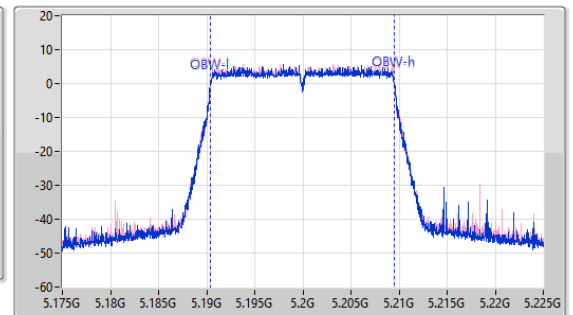
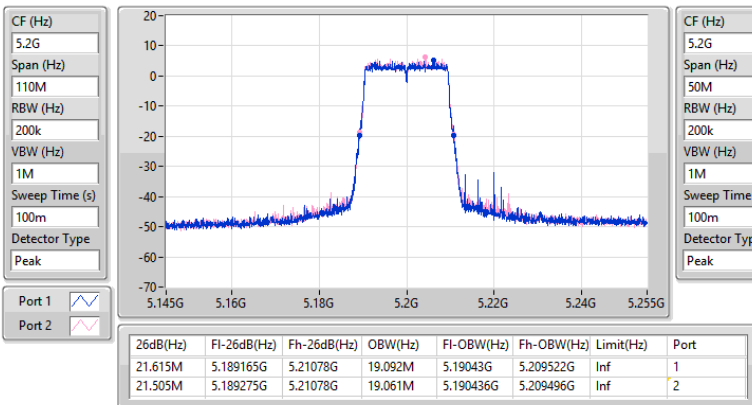


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5200MHz

20/09/2025

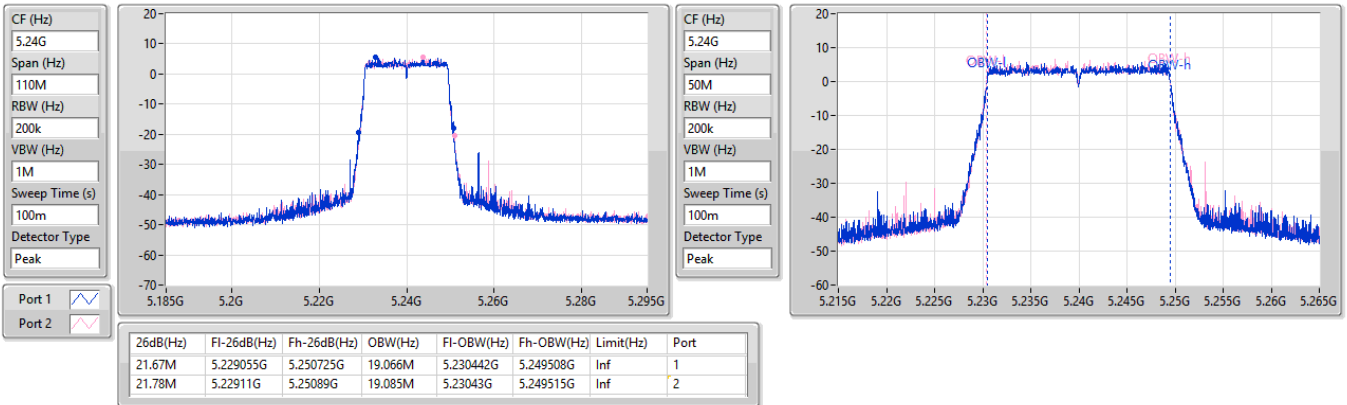


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

20/09/2025

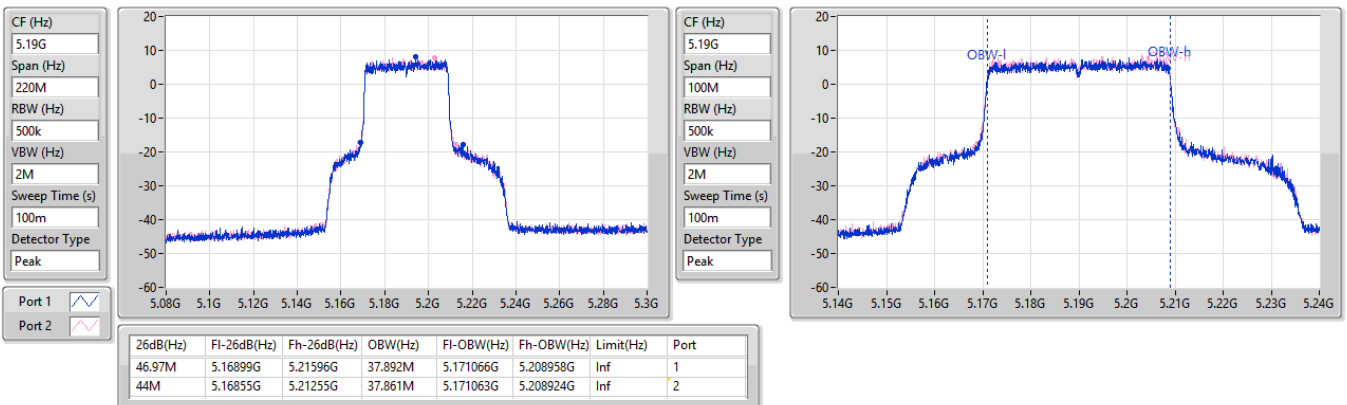


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

20/09/2025

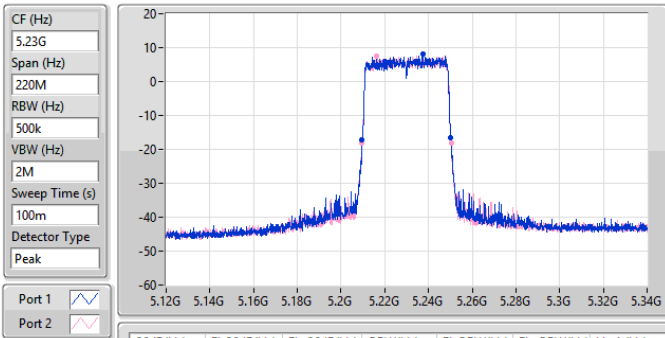


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

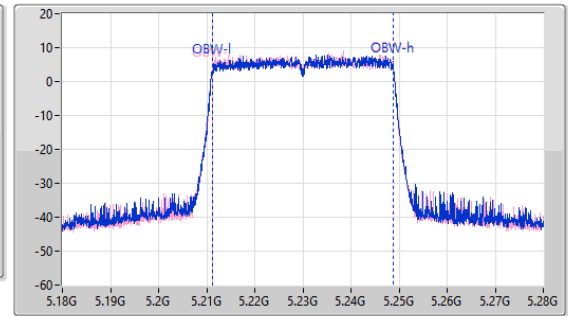
EBW

5230MHz

20/09/2025



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.59M	5.20965G	5.25024G	37.75M	5.211122G	5.248872G	Inf	1
40.92M	5.20965G	5.25057G	37.718M	5.211117G	5.248835G	Inf	2

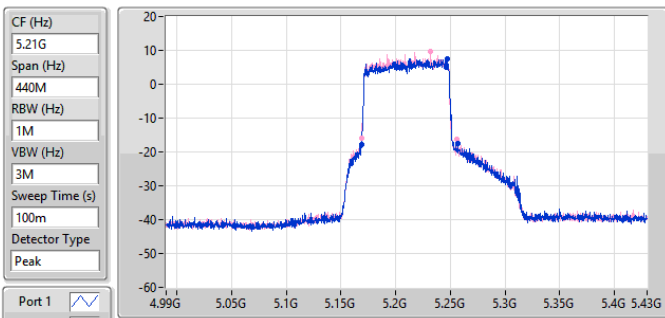


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

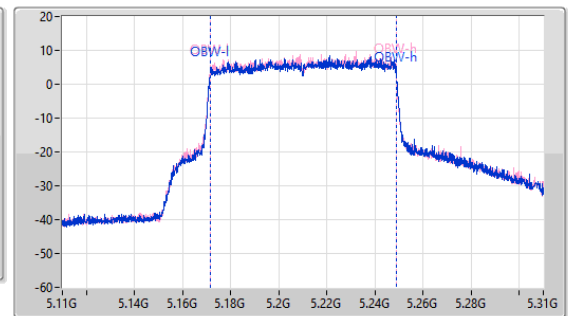
EBW

5210MHz

20/09/2025



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88M	5.16864G	5.25664G	77.377M	5.171483G	5.24886G	Inf	1
86.9M	5.16864G	5.25554G	77.306M	5.171463G	5.248769G	Inf	2



Test Mode: Mode 21

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1.(6Mbps)_4TX	22.605M	17.127M	17M1D1D	21.285M	16.758M
802.11be EHT20_Nss1.(MCS0)_4TX	29.535M	19.247M	19M2D1D	21.34M	19.083M
802.11be EHT40_Nss1.(MCS0)_4TX	47.96M	37.936M	37M9D1D	40.26M	37.714M
802.11be EHT80_Nss1.(MCS0)_4TX	92.4M	77.458M	77M5D1D	86.9M	77.391M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.495M	17.109M	22.605M	17.127M	21.89M	17.067M	21.78M	17.055M
5200MHz	Pass	Inf	21.34M	16.88M	21.34M	16.805M	21.34M	16.817M	21.395M	16.768M
5240MHz	Pass	Inf	21.34M	16.869M	21.285M	16.847M	21.505M	16.821M	21.34M	16.758M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.05M	19.247M	25.19M	19.194M	29.37M	19.225M	29.535M	19.235M
5200MHz	Pass	Inf	21.56M	19.126M	21.505M	19.083M	21.725M	19.084M	21.34M	19.093M
5240MHz	Pass	Inf	21.67M	19.119M	21.56M	19.095M	21.56M	19.109M	21.505M	19.093M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	42.57M	37.927M	42.02M	37.936M	47.96M	37.922M	42.13M	37.915M
5230MHz	Pass	Inf	40.7M	37.762M	40.26M	37.75M	40.7M	37.772M	40.37M	37.714M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	92.4M	77.458M	87.34M	77.411M	90.64M	77.41M	86.9M	77.391M

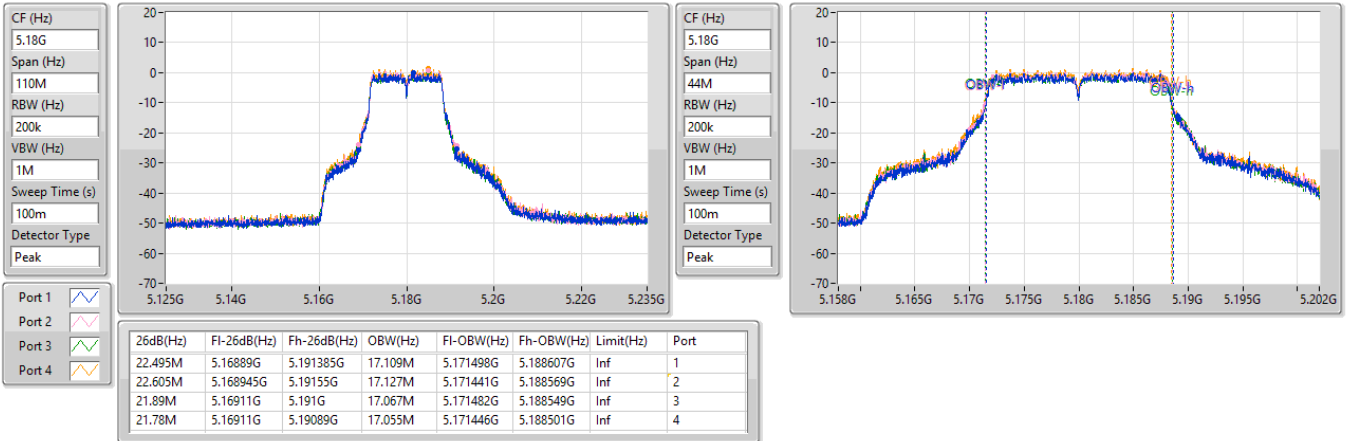
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

22/09/2025

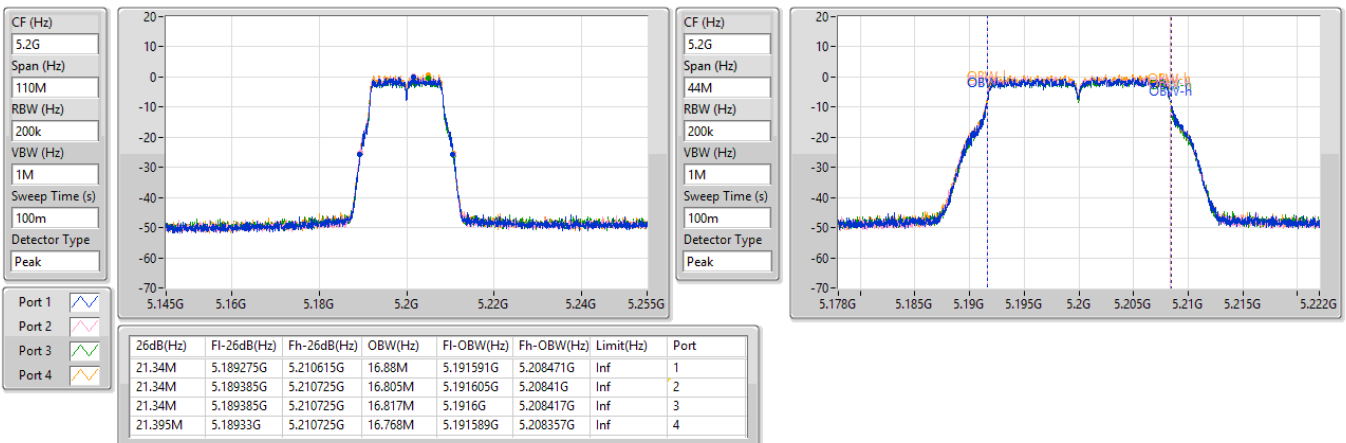


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

22/09/2025

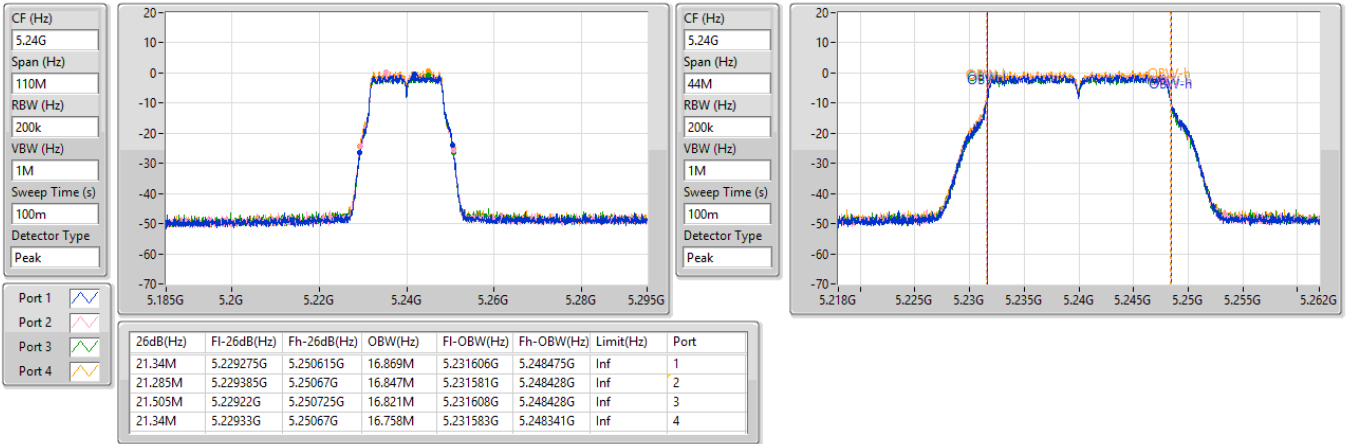


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

22/09/2025

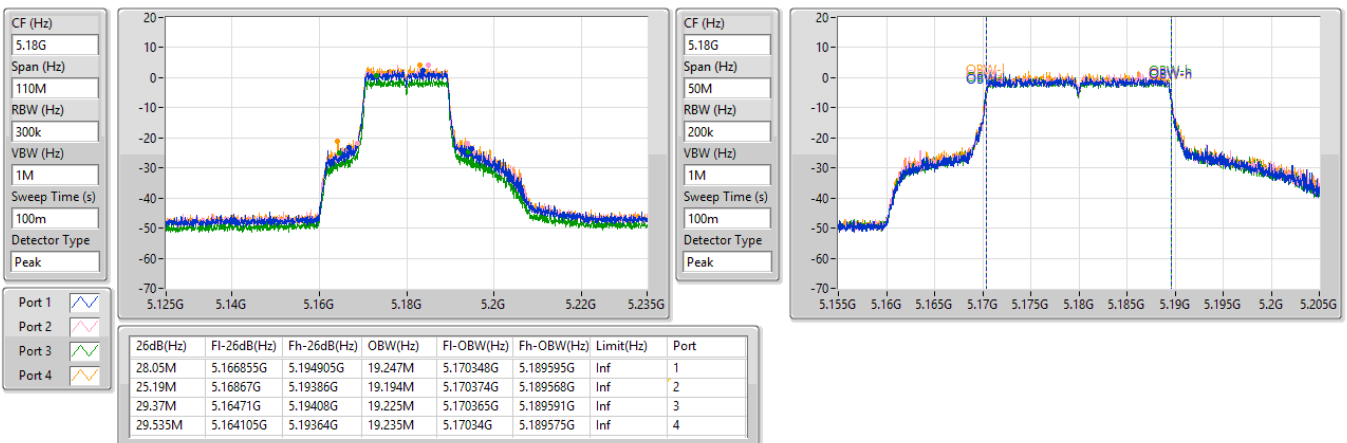


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

22/09/2025

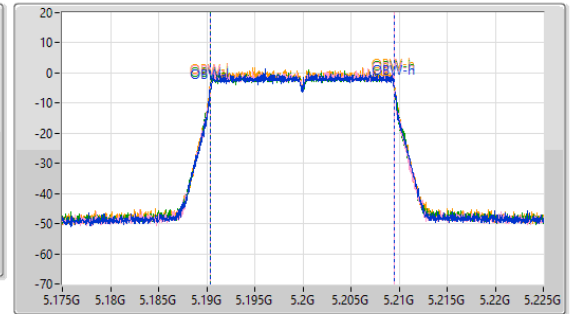
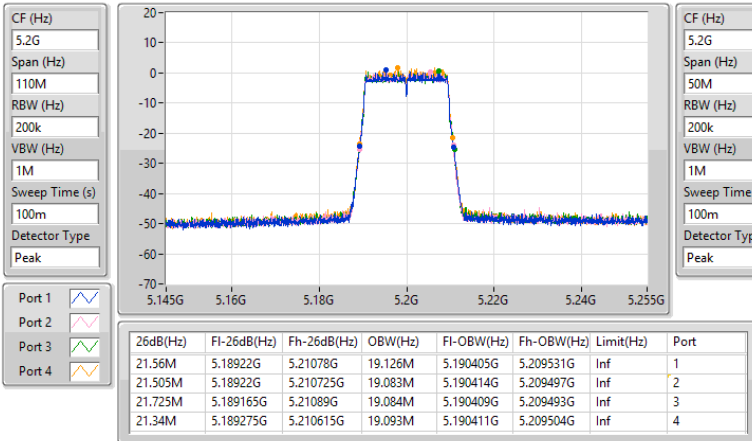


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

22/09/2025

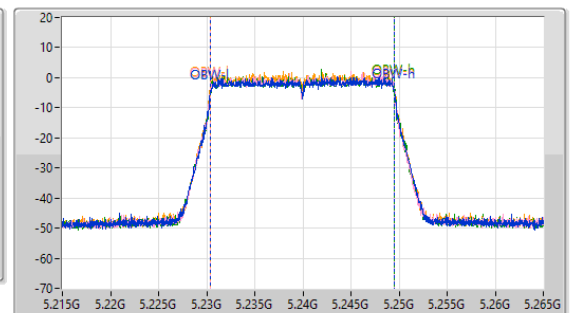
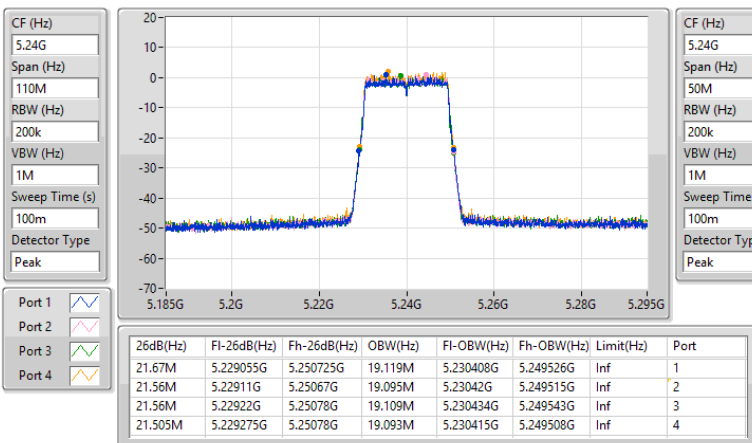


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

22/09/2025

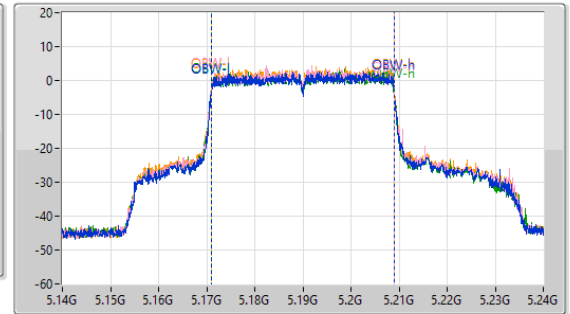
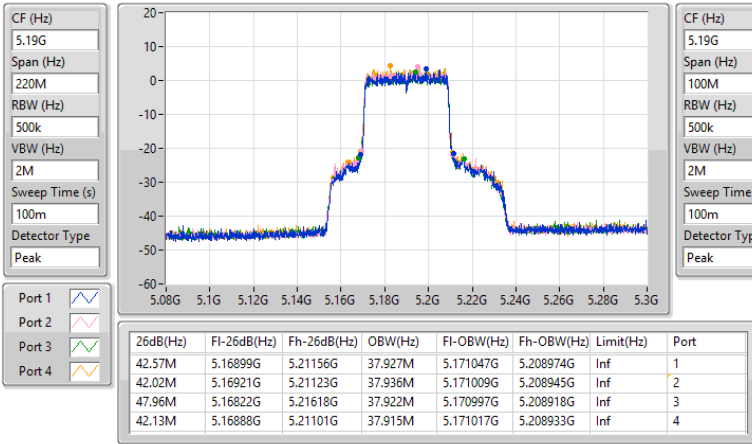


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

22/09/2025

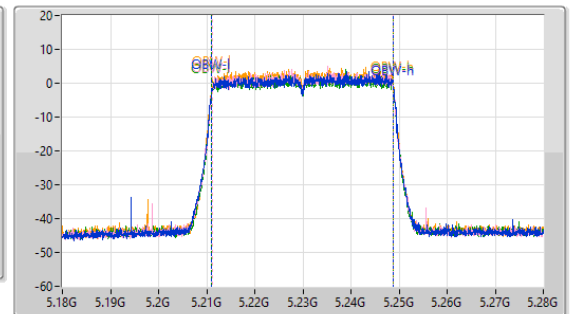
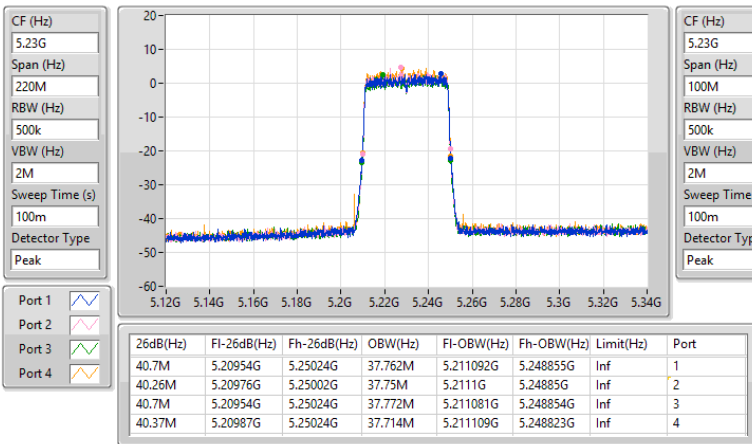


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

22/09/2025

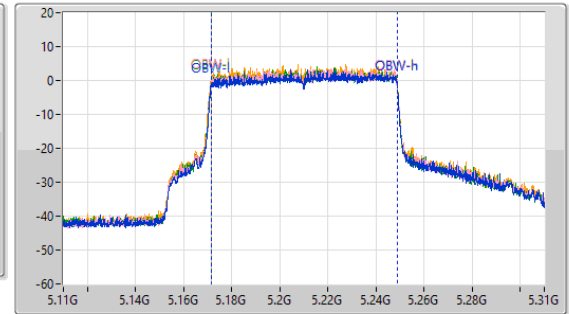
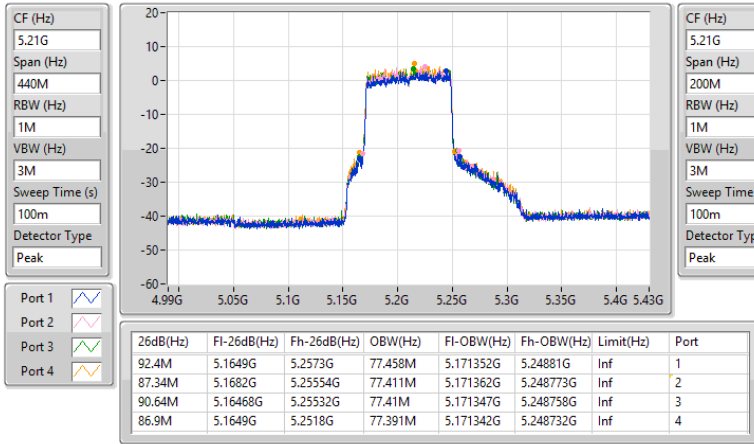


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

22/09/2025



Test Mode: Mode 22

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	34.87M	19.237M	19M2D1D	21.45M	19.046M
802.11be EHT40_Nss4,(MCS0)_4TX	48.62M	37.97M	38M0D1D	40.48M	37.718M
802.11be EHT80_Nss4,(MCS0)_4TX	93.72M	77.507M	77M5D1D	85.8M	77.453M

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 EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	34.87M	19.237M	25.63M	19.193M	27.995M	19.231M	28.05M	19.213M
5200MHz	Pass	Inf	21.56M	19.151M	21.56M	19.063M	21.56M	19.112M	21.505M	19.073M
5240MHz	Pass	Inf	21.505M	19.084M	21.45M	19.046M	21.615M	19.112M	21.725M	19.078M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	48.62M	37.895M	44.22M	37.906M	44M	37.92M	43.78M	37.97M
5230MHz	Pass	Inf	40.59M	37.781M	40.59M	37.76M	40.81M	37.718M	40.48M	37.773M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.68M	77.481M	85.8M	77.479M	89.32M	77.507M	93.72M	77.453M

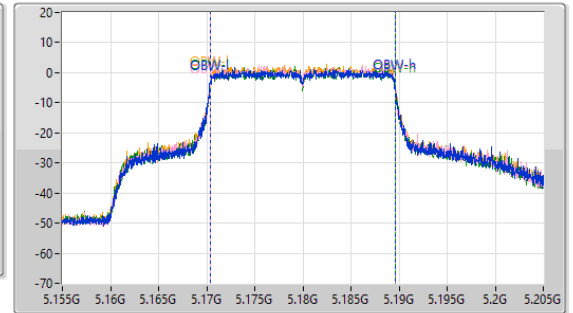
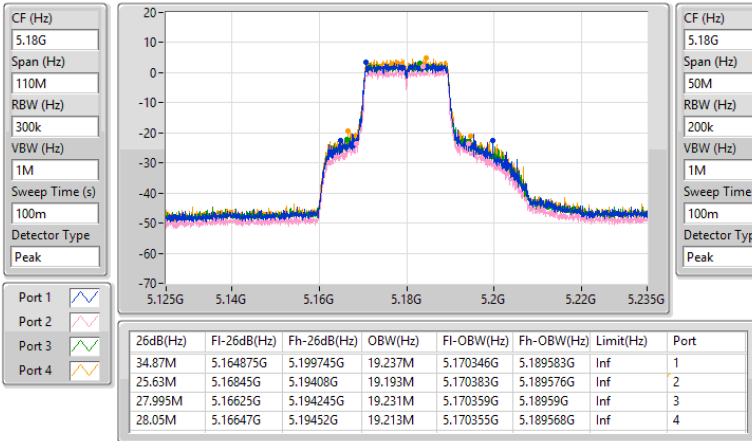
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5180MHz

22/09/2025

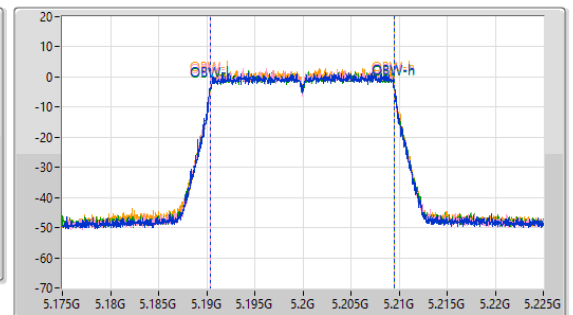
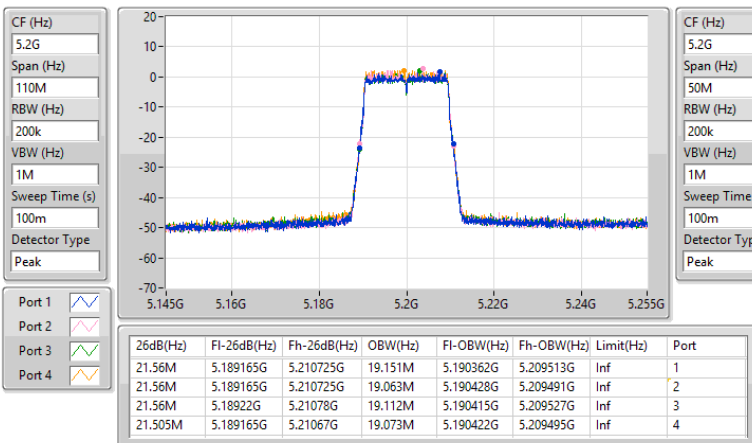


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5200MHz

22/09/2025

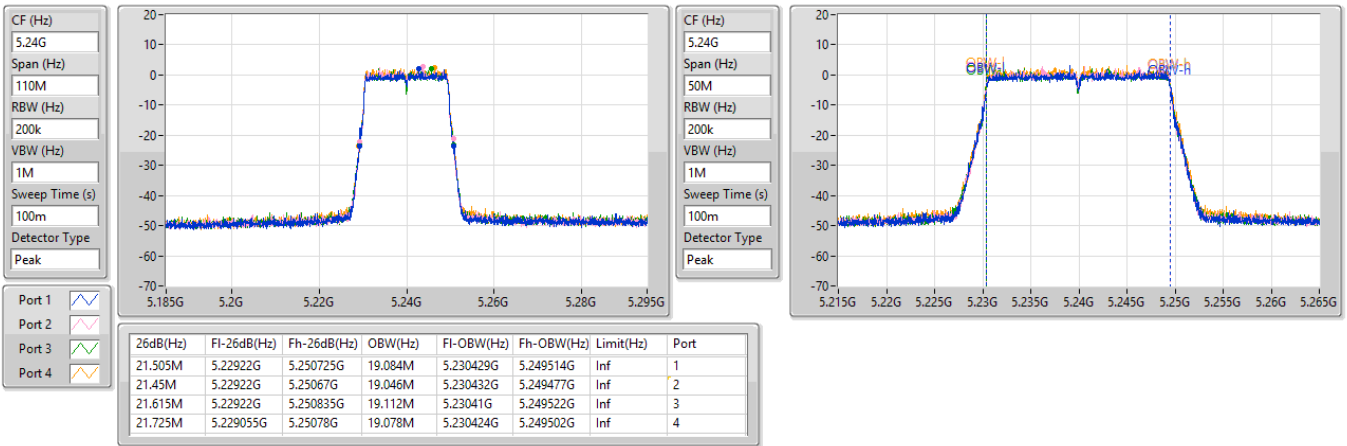


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

22/09/2025



5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5190MHz

22/09/2025

