



RADIO TEST REPORT

FCC ID : QXO-AP3020X
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP3020X
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 Mar. 16, 2026, and testing was started from Jun. 03, 2026 and completed on Aug. 26, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

The test results in this 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	20
1.3 Testing Location Information	20
1.4 Measurement Uncertainty	22
2 Test Configuration of EUT	23
2.1 Test Channel Mode	23
2.2 The Worst Case Measurement Configuration	33
2.3 EUT Operation during Test	36
2.4 Accessories	37
2.5 Support Equipment.....	37
2.6 Test Setup Diagram	39
3 Transmitter Test Result	42
3.1 AC Power-line Conducted Emissions	42
3.2 Emission Bandwidth	44
3.3 Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	45
3.4 Peak Power Spectral Density (E.I.R.P.)	48
3.5 Unwanted Emissions.....	51
3.6 Contention Based Protocol.....	56
4 Test Equipment and Calibration Data	57
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	
Appendix D. Test Results of Peak Power Spectral Density (E.I.R.P.)	
Appendix E. Test Results of Unwanted Emissions	
Appendix F. Test Results of Contention-Based Protocol	
Appendix G. Test Photos	
Photographs of EUT v01	



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device / non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	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:

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.

Reviewed by: Sam Chen**Report Producer: Sandy Chuang**



1 General Description

1.1 Information

1.1.1 RF General Information

For Indoor Access Point / Subordinate:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20), be (EHT20)	5955-7095	1-229 [58]
5925-7125	ax (HEW40), be (EHT40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80), be (EHT80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160), be (EHT160)	6025-6985	15-207 [7]
5925-7125	ax (HEW320), be (EHT320)	6105-6905	31-191 [6]

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX
	802.11 be EHT320	320	1, 2TX
	802.11 be EHT320-BF	320	2TX

**MRU (static preamble puncturing)
For Multi RU/Puncturing:**

RU-tone	Configuration	Bandwidth (MHz)			6GHz Test CH	
					UNII-5	UNII-8
484+242		80			CH7	CH215
	1		242	484	–	V
	2	242		484	V	V
	3	484		242	V	V
	4	484	242		V	–

RU-tone	Configuration	Bandwidth (MHz)			6GHz Test CH	
					UNII-5	UNII-8
996+484		160			CH15	CH207
	1		484	996	–	V
	2	484		996	V	V
	3	996		484	V	V
996+484+242	4	996	484		V	–
	1	242	484	996	–	V
	2	242	484	996	V	V
	3	484	242	996	V	V
	4	484	242	996	V	V
	5	996		484	V	V
	6	996	242	484	V	V
	7	996	484	242	V	V
	8	996	484	242	V	–

RU-tone	Configuration	Bandwidth (MHz)			6GHz Test CH	
					UNII-5	UNII-8
2×996+484		320			CH31	CH191
	1		484	996	–	–
	2	484		996	V	–
	3	996		484	V	–
	4	996	484	996	V	–
	5	996	996	484	V	–
	6	996	996	484	V	–
	7		484	996	–	V
	8	484		996	–	V
	9		996	484	–	V
	10		996	484	–	V
	11		996	996	–	V
3×996	12		996	996	484	–
	1		996	996	996	–
	2	996		996	V	V
	3	996	996	996	V	V
3×996+484	4	996	996	996	V	–
	1		484	996	–	V
	2	484		996	V	V
	3	996		484	V	V
	4	996	484	996	V	V
	5	996	996	484	V	V
	6	996	996	484	V	V
	7	996	996	996	V	V
	8	996	996	484	V	–

**For Standard Power Access Point:**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	ax (HEW20), be (EHT20)	5955-6415	1-93 [24]
6525-6875		6535-6855	117-181 [17]
5925-6425	ax (HEW40), be (EHT40)	5965-6405	3-91 [12]
6525-6875		6565-6845	123-179 [8]
5925-6425	ax (HEW80), be (EHT80)	5985-6385	7-87 [6]
6525-6875		6625-6785	135-167 [3]
5925-6425	ax (HEW160), be (EHT160)	6025-6345	15-79 [3]
6525-6875		6665	143 [1]
5925-6425	be (EHT320)	6105-6265	31-63 [2]

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX
	802.11 be EHT320	320	1, 2TX
	802.11 be EHT320-BF	320	2TX



Band	Mode	BWch (MHz)	Nant
6.525-6.875GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX

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

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH
		80				UNII-5
484+242	1		242	484		CH7
	2	242		484		--
	3	484			242	V
	4	484				V

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH
		160				UNII-5
996+484	1		484	996		CH15
	2	484		996		--
	3	996			484	V
	4	996		484		V
996+484+242	1		242	484	996	--
	2	242		484	996	V
	3	484			996	V
	4	484		242	996	V
	5	996			484	V
	6	996		242	484	V
	7	996		484		V
	8	996		484	242	V

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH
		320				UNII-5
2x996+484	1		484	996	996	CH31
	2	484		996	996	--
	3	996		484	996	V
	4	996		484	996	V
	5	996		996	484	V
	6	996		996	484	V
	7		484	996	996	--
	8		484	996	996	--
	9		996		484	--
	10		996	484	996	--
	11		996		484	--
	12		996	996	484	--
3x996	1		996	996	996	--
	2	996		996	996	V
	3	996		996	996	V
	4	996		996	996	V
3x996+484	1		484	996	996	--
	2	484		996	996	V
	3	996		484	996	V
	4	996		996	484	V
	5	996		996	484	V
	6	996		996	484	V
	7	996		996	484	V
	8	996		996	484	V

Note:

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160, EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Worst case of MRU(puncturing) evaluation procedure****For Indoor Access Point:**

Radiated: Worst case of MRU(puncturing) evaluation procedure

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

For Standard Power Access Point:

Conducted: Worst case of MRU(puncturing) evaluation procedure

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


1.1.3 Antenna Information

Ant.	RF Port				Brand Name	Model Name	Ant. Type	Connector	Modes of Operation	Remark	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth and IEEE 802.15.4							
1	1	1	-	-	WNC	ML-2452-APA2-02	Dipole Omni	Reverse SMA	WLAN 2.4GHz (Radio 1), WLAN 5GHz UNII 2C~3 or UNII 1~3 (Radio 2)	External Ant.	Note 1
	2	2	-	-							
2	1 (V)	1 (V)	-	-	Extreme Networks	AIO-DD75060-RPSMA	Panel	Reverse SMA			
	2 (H)	2 (H)	-	-							
3	1 (V)	1 (V)	-	-	Extreme Networks	AIO-DD05120-RPSMA	Dual-Polarized Panel	Reverse SMA			
	2 (H)	2 (H)	-	-							
4	1 (V)	1 (V)	-	-	Extreme Networks	AIO-DD15020-RPSMA	MIMO-Directional Panel	Reverse SMA			
	2 (H)	2 (H)	-	-							
5	-	1	1	-	WNC	95XPAM15.G98	Dipole	I-Pex	WLAN 5GHz UNII 1~2A 、 WLAN 6GHz UNII 5~8 (Radio 1)	External Ant. (Non-detachable)	
6	-	2	2	-	WNC	95XPAM15.G99	Dipole	I-Pex			
7	-	-	-	1	WNC	95XPAM15.G97	PIFA	I-Pex	Bluetooth 、 IEEE 802.15.4 (Radio 3)	Internal Ant.	
8	-	-	-	1	WNC	95XPAM15.G95	Dipole	I-Pex			
9	-	-	-	1	WNC	95XPAM15.G96	PIFA	I-Pex			



Note 1:

Ant.	RF Port				Antenna Gain (dBi)											
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth and IEEE 802.15.4	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~3 (Radio 2)				WLAN 5GHz UNII 1~2A (Radio 1)		WLAN 6GHz UNII 5~8 (Radio 1)				Bluetooth and IEEE 802.15.4 (Radio 3)
						UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 5	UNII 6	UNII 7	UNII 8	
1	1	1	-	-	3.04	4.3	4.07	4.96	4.96	-	-	-	-	-	-	-
	2	2	-	-	3.04	4.3	4.07	4.96	4.96							
2	1 (V)	1 (V)	-	-	7.5	7.5	7.5	7.5	7.5	-	-	-	-	-	-	-
	2 (H)	2 (H)	-	-	7.5	7.5	7.5	7.5	7.5							
3	1 (V)	1 (V)	-	-	5.5	5	5	5	5	-	-	-	-	-	-	-
	2 (H)	2 (H)	-	-	5.5	5	5	5	5							
4	1 (V)	1 (V)	-	-	12	15	15	15	15	-	-	-	-	-	-	-
	2 (H)	2 (H)	-	-	12	15	15	15	15							
5	-	1	1	-	-	-	-	-	-	4.47	4.47	5.3	5.3	5.3	5.3	-
6	-	2	2	-	-	-	-	-	-	4.51	4.51	5.9	5.9	5.9	5.9	-
7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3.21
8	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	5.81
9	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3.28

Ant.	RF Port		Antenna Cable Loss (dB)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~3 (Radio 2)			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	0.79	1.2	1.2	1.2	1.2
	2	2	0.33	0.5	0.5	0.5	0.5
2	1 (V)	1 (V)	0.79	1.2	1.2	1.2	1.2
	2 (H)	2 (H)	0.33	0.5	0.5	0.5	0.5
3	1 (V)	1 (V)	0.79	1.2	1.2	1.2	1.2
	2 (H)	2 (H)	0.33	0.5	0.5	0.5	0.5
4	1 (V)	1 (V)	0.79	1.2	1.2	1.2	1.2
	2 (H)	2 (H)	0.33	0.5	0.5	0.5	0.5



Ant.	RF Port		Antenna True Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~3 (Radio 2)			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	2.25	3.1	2.87	3.76	3.76
	2	2	2.71	3.8	3.57	4.46	4.46
2	1 (V)	1 (V)	6.71	6.3	6.3	6.3	6.3
	2 (H)	2 (H)	7.17	7	7	7	7
3	1 (V)	1 (V)	4.71	3.8	3.8	3.8	3.8
	2 (H)	2 (H)	5.17	4.5	4.5	4.5	4.5
4	1 (V)	1 (V)	11.21	13.8	13.8	13.8	13.8
	2 (H)	2 (H)	11.67	14.5	14.5	14.5	14.5

Note 2: The above information was declared by manufacturer.

Note 3: For WLAN 2.4GHz (Radio 1) and WLAN 5GHz (Radio 2): Only the highest gain antenna “Ant.1, Ant. 2 and Ant. 4” was selected to perform the test and recorded in this report.

Note 4: For WLAN 5GHz and 6GHz (Radio 1): Ant.5+Ant.6 were selected to perform the test and recorded in this report.

Note 5: States antenna 5GHz and 6GHz transmission will be restricted per country’s regulation.

Note 6: 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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

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

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

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

**<Radio 1>**

2.4G

Ant. 1

2.4G G1= 2.25 dBi ; G2= 2.71 dBi ;

2T1S DG= 5.49dBi ; 2T2S DG= 2.49dBi

Ant. 2 (Cross-Polarized Antenna)

2.4G G1= 6.71 dBi ; G2= 7.17 dBi ;

2T1S DG= 7.17dBi ; 2T2S DG= 6.95dBi

Ant. 4 (Cross-Polarized Antenna)

2.4G G1= 11.21 dBi ; G2= 11.67 dBi ;

2T1S DG= 11.67dBi ; 2T2S DG= 11.45dBi

5G

5G UNII-1 G1= 4.47 dBi ; G2= 4.51 dBi ;

2T1S DG= 7.5dBi ; 2T2S DG= 4.49dBi

5G UNII-2A G1= 4.47 dBi ; G2= 4.51 dBi ;

2T1S DG= 7.5dBi ; 2T2S DG= 4.49dBi

6G

6G UNII-5 G1= 5.3 dBi ; G2= 5.9 dBi ;

2T1S DG= 8.62dBi ; 2T2S DG= 5.61dBi

6G UNII-6 G1= 5.3 dBi ; G2= 5.9 dBi ;

2T1S DG= 8.62dBi ; 2T2S DG= 5.61dBi

6G UNII-8 G1= 5.3 dBi ; G2= 5.9 dBi ;

2T1S DG= 8.62dBi ; 2T2S DG= 5.61dBi

<Radio 2>

5G

Ant. 1

5G UNII-1 G1= 3.1 dBi ; G2= 3.8 dBi ;

2T1S DG= 6.47dBi ; 2T2S DG= 3.46dBi

5G UNII-2A G1= 2.87 dBi ; G2= 3.57 dBi ;

2T1S DG= 6.24dBi ; 2T2S DG= 3.23dBi

5G UNII-2C G1= 3.76 dBi ; G2= 4.46 dBi ;

2T1S DG= 7.13dBi ; 2T2S DG= 4.12dBi

5G UNII-3 G1= 3.76 dBi ; G2= 4.46 dBi ;

2T1S DG= 7.13dBi ; 2T2S DG= 4.12dBi

Ant. 2 (Cross-Polarized Antenna)

5G UNII-1 G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

5G UNII-2A G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

5G UNII-2C G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

5G UNII-3 G1= 6.3 dBi ; G2= 7 dBi ;

2T1S DG= 7 dBi ; 2T2S DG= 6.66dBi

Ant. 4 (Cross-Polarized Antenna)

5G UNII-1 G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

5G UNII-2A G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

5G UNII-2C G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

5G UNII-3 G1= 13.8 dBi ; G2= 14.5 dBi ;

DG= 17.17dBi ; 2T2S DG= 14.16dBi

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

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

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

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

6GHz IEEE 802.11ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

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

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3:**Bluetooth, IEEE 802.15.4 mode (1TX/1RX)**

The EUT supports all antennas with TX/RX diversity functions.

At once time there is only one antenna port can transmitting/receiving RF signal



1.1.4 Mode Test Duty Cycle

For Full RU

Indoor Access Point (Non-beamforming mode)

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.902	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 EHT160_Nss 1,(M0)	0.898	0.47	290.625u	5k
802.11be EHT320_Nss 1,(M0)	0.898	0.47	290.625u	5k
802.11be EHT20_Nss 2,(M0)	0.895	0.48	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.896	0.48	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.897	0.47	297.813u	5k
802.11be EHT160_Nss 2,(M0)	0.897	0.47	293.906u	5k
802.11be EHT320_Nss 2,(M0)	0.898	0.47	297.813u	5k

Indoor Access Point (Beamforming mode)

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.948	0.23	2.953m	1k
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.977	0.1	4.39m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.949	0.23	4.853m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.961	0.17	5.348m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.962	0.17	5.259m	200

Standard Power Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.902	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 EHT160_Nss 1,(M0)	0.898	0.47	290.625u	5k
802.11be EHT320_Nss 1,(M0)	0.898	0.47	290.625u	5k
802.11be EHT20_Nss 2,(M0)	0.895	0.48	311.406u	5k
802.11be EHT40_Nss 2,(M0)	0.896	0.48	305.781u	5k
802.11be EHT80_Nss 2,(M0)	0.897	0.47	297.813u	5k
802.11be EHT160_Nss 2,(M0)	0.897	0.47	293.906u	5k
802.11be EHT320_Nss 2,(M0)	0.898	0.47	297.813u	5k
802.11be EHT20-BF_Nss1,(MCS0)	0.902	0.45	321.875u	5k
802.11be EHT40-BF_Nss1,(MCS0)	0.897	0.47	304.219u	5k
802.11be EHT80-BF_Nss1,(MCS0)	0.898	0.47	294.688u	5k
802.11be EHT160-BF_Nss1,(MCS0)	0.898	0.47	290.625u	5k
802.11be EHT320-BF_Nss1,(MCS0)	0.898	0.47	290.625u	5k

**For Multi_RU/Puncturing
Indoor Access Point**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.97	0.13	1.003m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.97	0.13	1.003m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.97	0.13	1.003m	1k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.97	0.13	1.003m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.97	0.13	1.003m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.97	0.13	1.003m	1k

Standard Power Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.97	0.13	1.003m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.97	0.13	1.003m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.97	0.13	1.003m	1k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.97	0.13	1.003m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.97	0.13	1.003m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.97	0.13	1.003m	1k

Note:

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


1.1.5 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for Radio 1 (n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz) and Radio 2 (n/ac/ax/be n/ac/ax/be in 5GHz).			
Device Type	☒	Indoor Access Point	☒	Subordinate
	☐	Indoor Client	☒	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☒	Supported		
	☐	Unsupported		
	Note: The EUT doesn't support puncturing for CBP			
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	Mtool_3.3.0.9			
Software / Firmware Version for CBP	IQ Engine 10.9r0 fb_AP3020_dev build-e071d5e-dbg			

Note: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Function Radio (R)	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4
1	V	V (UNII 1~2A)	V	-	-
2	-	V (UNII 1~3 or UNII 2C~3)	-	-	-
3	-	-	-	V	V

Note 1: For WLAN 5GHz: The Radio1 and Radio 2 can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.

1.1.7 Table for EUT Support Function

Type of Function	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz
		Radio 1	Radio 2	
AP	V	V (UNII 1~2A)	V (UNII 1~3)	V
Bridge	V	V (UNII 1)	V (UNII 1/UNII3)	V
Mesh	V	V (UNII 1)	V (UNII 1/UNII3)	V

Note 1: For above table list, only AP mode was tested and recorded in this test.

Note 2: 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 15.407
- ◆ ANSI C63.10-2020
- ◆ FCC KDB 789033 v02r01
- ◆ FCC KDB 987594 D02 v03

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

- ◆ FCC KDB 662911 D03 v01
- ◆ 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 ISED.



Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Lee	21.7~22.3 / 61~62	Jul. 06, 2026~ Aug. 20, 2026
Radiated below 1GHz	03CH01-CB	Sean Ku	24.3~24.5 / 67~69	Jun. 23, 2026~ Aug. 26, 2026
	03CH05-CB	Lex Lee	24.2~24.9 / 62~67	
Radiated above 1GHz (6SD: MRU)	03CH02-CB	Paul Hu	23.9~24.2 / 60~69	Jun. 03, 2026~ Aug. 25, 2026
Radiated above 1GHz (6SD: Non-TXBF)	03CH01-CB	Sean Ku	23.7~24.7 / 55~65	
	03CH03-CB	George Fan	23.5~24.4 / 68~69	
	03CH04-CB	Stim Sung	24.0~24.1 / 59~64	
	03CH05-CB	Lex Lee	23.8~24.0 / 60~67	
	03CH06-CB	Jimmy Huang	24.0~24.2 / 65~67	
Radiated above 1GHz (6SD: TXBF)	03CH02-CB	Paul Hu	23.9~24.9 / 58~63	
	03CH03-CB	George Fan	23.6~24.4 / 56~65	
Radiated above 1GHz (6ID: MRU)	03CH06-CB	Jimmy Huang	24.2~24.8 / 56~59	Jun. 23, 2026~ Aug. 26, 2026
Radiated above 1GHz (6ID: Non-TXBF)	03CH01-CB	Sean Ku	24.1~24.5 / 57~64	
	03CH02-CB	Paul Hu	23.8~24.6 / 64~66	
	03CH03-CB	George Fan	24.5~24.7 / 55~65	
	03CH05-CB	Lex Lee	24.3~24.5 / 63~65	
Radiated above 1GHz (6ID: TXBF)	03CH03-CB	George Fan	24.2~24.4 / 62~63	
	03CH05-CB	Lex Lee	23.7~24.6 / 63~68	
	03CH06-CB	Jimmy Huang	24.9~25.0 / 56~61	
AC Conduction	CO01-CB	Joe Chu	22~23 / 55~56	Aug. 13, 2026
RF Conducted (Contention-Based Protocol test)	DF02-CB	Paul Hu	24.1~24.8 / 61~65	Jul. 31, 2026~ Aug. 07, 2026



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.7 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 Full RU

Indoor Access Point (Non-beamforming)

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6025MHz
6185MHz



6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz



7025MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7095MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz
7085MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz



6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss2,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**Indoor Access Point (Beamforming)**

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
6875MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
6885MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX



RADIO TEST REPORT

Report No. : FR631826-03AC

6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**Standard Power Access Point**

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz



6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss2,(MCS0)_2TX
6105MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz



6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz

**For Multi_RU/Puncturing
Indoor Access Point**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_2TX
6905MHz

**Standard Power Access Point**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_2TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_2TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_2TX
6105MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.
- ♦ Standard Power Access Point: The EUT supports non-beamforming and beamforming modes. After evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

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 (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 7)+PoE
2	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 8)+PoE
3	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 9)+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT (Ant. 4 in Y axis)+R1 (6GHz full)+R2 (5GHz full)+R3 (BT_Ant. 7)+PoE
5	EUT (Ant. 4 in Y axis)+R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (BT_Ant. 7)+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT (Ant. 4 in Y axis)+R1 (2.4GHz)+R2 (5GHz full)+R3 (IEEE 802.15.4_Ant. 7)+PoE
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth
Test Condition	Conducted measurement at transmit chains
1	EUT_R1 (Indoor Access Point: Non-beamforming)
2	EUT_R1 (Indoor Access Point: Beamforming)
3	EUT_R1 (Standard Power Access Point)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	1. 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. 2. After evaluating, the worst case axis was found at Z axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Z axis_R1 (Indoor Access Point: Non-beamforming)
2	EUT in Z axis_R1 (Indoor Access Point: Beamforming)
Test Condition	Conducted measurement at transmit chains
3	EUT_R1 (Standard Power Access Point)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.)
Test Condition	1. 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. 2. After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Z axis_R1_Full RU (Indoor Access Point: Non-beamforming)
2	EUT in Z axis_R1_Full RU (Indoor Access Point: Beamforming)
3	EUT in Z axis_R1_Multi_RU/Puncturing (Indoor Access Point)
Test Condition	Conducted measurement at transmit chains
4	EUT_R1_Full RU (Standard Power Access Point)
5	EUT_R1_Multi_RU/Puncturing (Standard Power Access Point)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT_R1_Full RU (Indoor Access Point: Non-beamforming)
2	EUT_R1_Full RU (Indoor Access Point: Beamforming)
3	EUT_R1_Multi_RU/Puncturing (Indoor Access Point)
4	EUT_R1_Full RU (Standard Power Access Point)
5	EUT_R1_Multi_RU/Puncturing (Standard Power Access Point)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	1. After evaluating, and the worst case axis was found as below for radiated above 1GHz test. So the measurement will follow this same test configuration. 2. For Radio 3: The EUT supports all antennas with TX/RX diversity functions. At once time there is only one antenna port can transmitting/receiving RF signal. The Ant. 8 generated the worst case for radiated above 1GHz test, so it was selected for testing.
1	EUT in Z axis_R1 (2.4GHz)+Ant. 1 in Y axis+PoE
2	EUT in Y axis_R1 (2.4GHz)+Ant. 2 in Y axis +PoE
3	EUT in Y axis_R1 (2.4GHz)+Ant. 4 in Y axis +PoE
4	EUT in Z axis_R1 (5GHz)+Ant. 5、6 in Y axis+PoE
5	EUT in Z axis_R1 (6GHz)+Ant. 5、6 in Y axis+PoE
6	EUT in Y axis_R2 (5GHz)+Ant. 1 in Y axis +PoE
7	EUT in Y axis_R2 (5GHz)+Ant. 2 in Y axis +PoE
8	EUT in Z axis_R2 (5GHz)+Ant. 4 in Y axis +PoE
10	EUT in Y axis_R3 (BT_Ant. 8)+PoE
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT in Z axis_R1_Full RU (Indoor Access Point: Non-beamforming)
2	EUT in Z axis_R1_Full RU (Indoor Access Point: Beamforming)
3	EUT in Y axis for bandedge / EUT in Z axis for harmonic_R1_Multi_RU/Puncturing (Indoor Access Point)
4	EUT in Z axis_R1_Full RU (Standard Power Access Point)
5	EUT in Y axis for bandedge / EUT in Z axis for harmonic_R1_Multi_RU/Puncturing (Standard Power Access Point)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT_R1 (Indoor Access Point)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT_R1 (2.4GHz) + R2 (5GHz full) + R3 (BT)
2	EUT_R1 (2.4GHz) + R2 (5GHz full) + R3 (IEEE 802.15.4)
3	EUT_R1 (6GHz full) + R2 (5GHz full) + R3 (BT)
4	EUT_R1 (6GHz full) + R2 (5GHz full) + R3 (IEEE 802.15.4)
5	EUT_R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (BT)
6	EUT_R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (IEEE 802.15.4)
Refer to Sporton Test Report No.: FA631826 for Co-location RF Exposure Evaluation.	

Note1: R means Radio ; BT means Bluetooth.

Note2: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE 1	PHIHONG	POE60U-BTA
PoE 2	Microsemi	PD-9001GR/AT/AC

2.3 EUT Operation during Test

<non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<Beamforming mode>

During the test, the following programs under WIN XP were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories
Bracket*1
Cap*1
Wall-mounted rack 1*1 (for Ant. 2 use only)
Wall-mounted rack 2*1 (for Ant. 4 use only)

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 1	PHIHONG	POE60U-BTA	N/A
B	PC	ASUS	S300TA	TX2-RTL8821CE
C	R1(2.4G) NB	Lenovo	X260	N/A
D	R2(5G full) NB	Lenovo	X260	N/A
E	Smart phone	Apple	A2403	BCG-E3544A
F	Flash disk2.0	Tcell	Push	N/A

For Radiated:

Below 1GHz, Above 1GHz: Indoor Access Point, Standard Power Access Point: Non-beamforming

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 2	Microsemi	PD-9001GR/AT/AC	N/A

**Above 1GHz: Indoor Access Point: Beamforming**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 2	Microsemi	PD-9001GR/AT/AC	N/A
C	Client	Extreme Networks	AP3020	N/A
D	Notebook	DELL	E4300	N/A

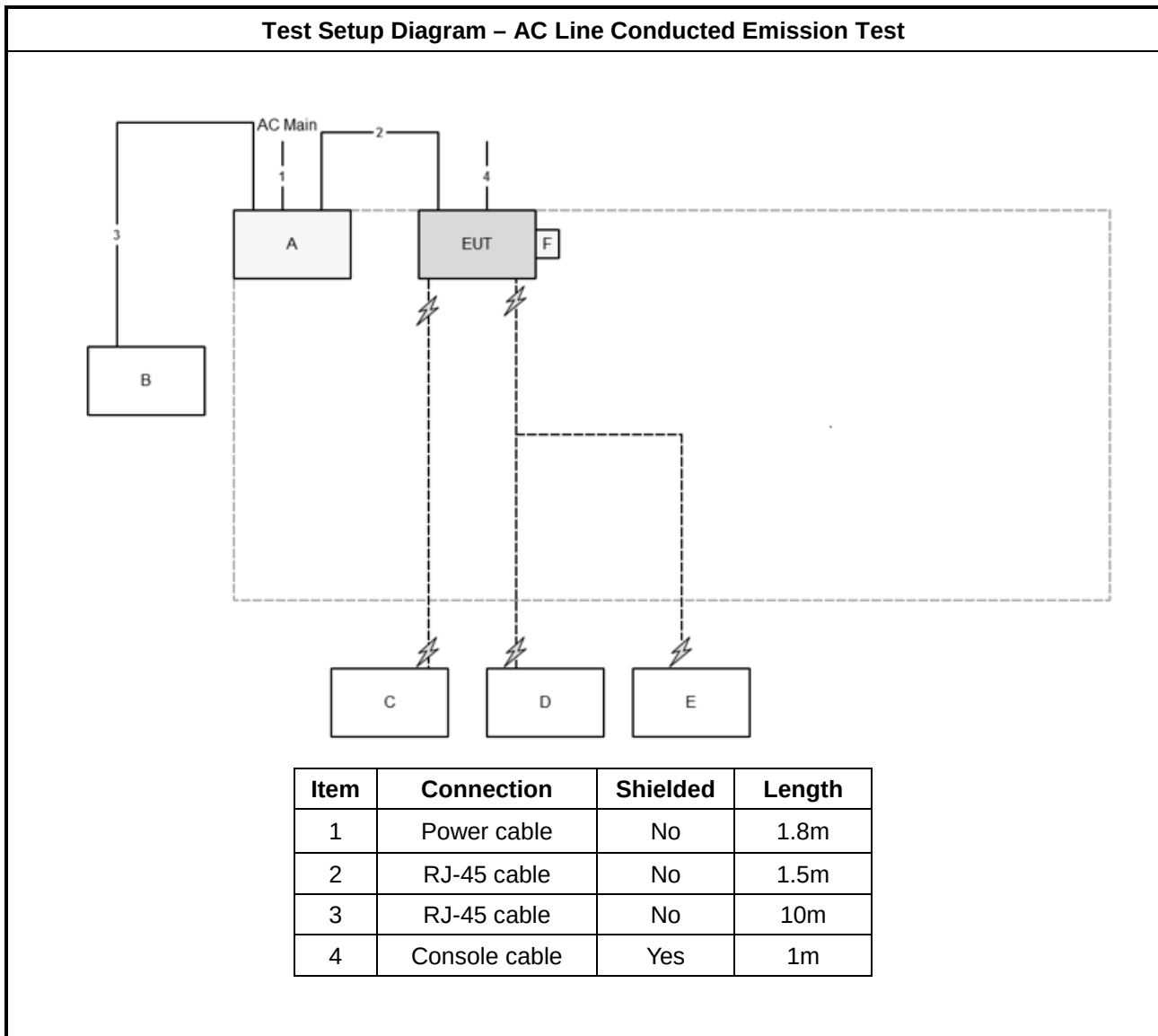
For RF Conducted (others):

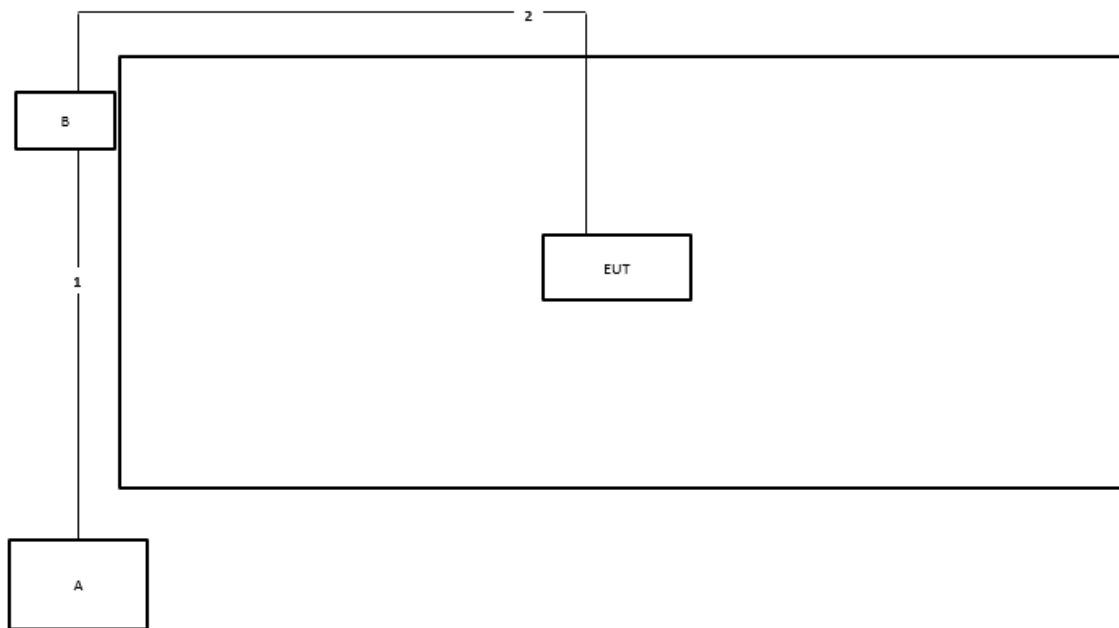
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E6230	N/A
B	PoE 2	Microsemi	PD-9001GR/AT/AC	N/A

RF Conducted (Contention-Based Protocol test)

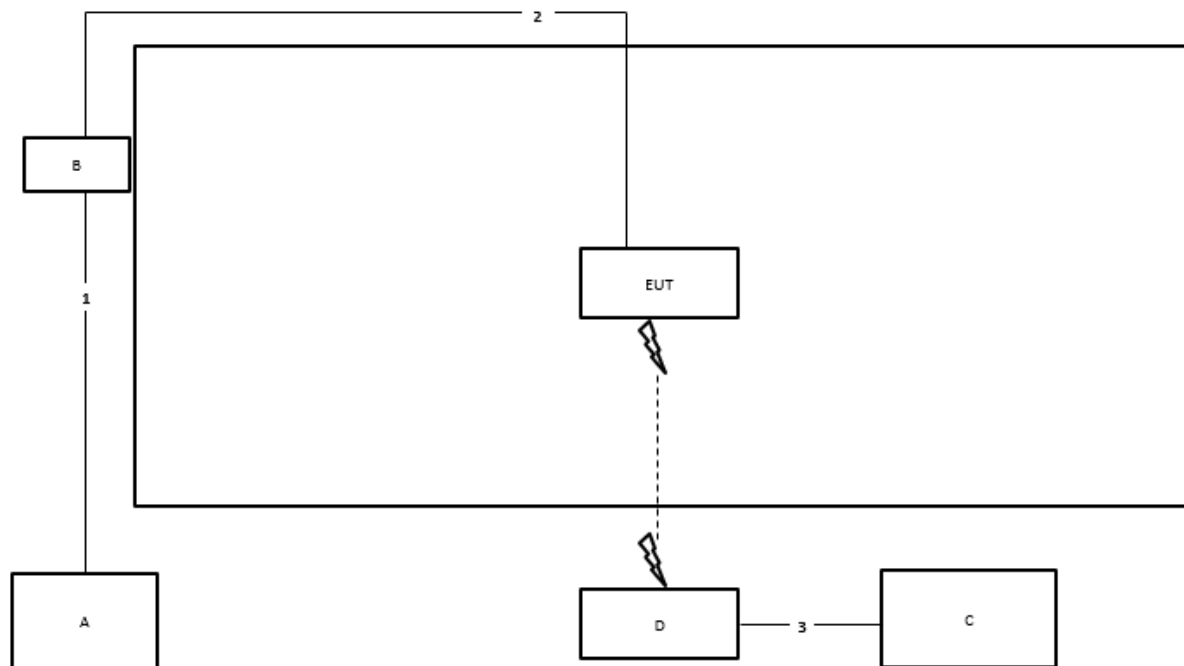
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN module	Qualcomm	QCNCM865	I4L-QCNCM865
D	PoE	PHIHONG	POE60U-BTA	N/A

2.6 Test Setup Diagram



**Test Setup Diagram - Radiated Test Below 1GHz, Above 1GHz: Indoor Access Point, Standard Power
Access Point: Non-beamforming**


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

Test Setup Diagram - Radiated Test Above 1GHz: Indoor Access Point: Beamforming


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

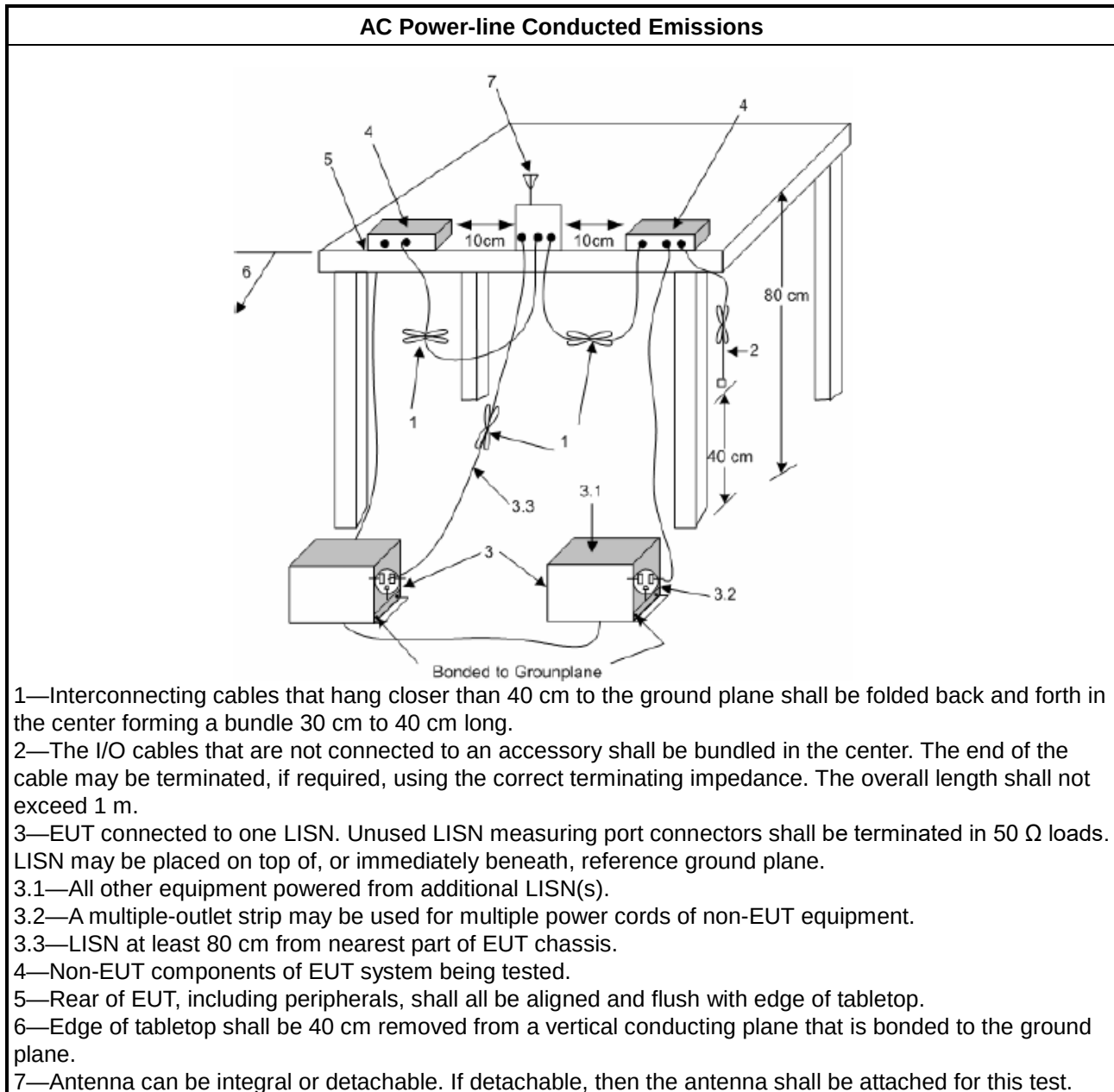
3.1.2 Measuring Instruments

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 (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

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 5925-6425 GHz band, need less than 320 MHz bandwidth.
☒	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☒	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☒	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.
RLAN Devices	
☐	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
☐	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☐	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☐	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.

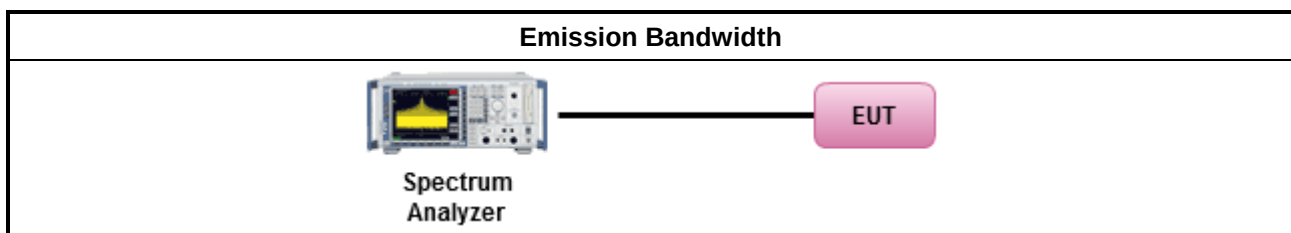
3.2.2 Measuring Instruments

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:	
☒	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033, 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

Note:

The 99% OBW of BW320 should be less than 320 MHz of limit, and the other BWs less than 320 MHz of limit are 26 dB EBW.



3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 30 dBm .
	■ For low-power client devices < 24 dBm.
	■ For very low-power devices < 14 dBm.
☐ For the 5.925 ~ 6.875 GHz band:	



- | |
|--|
| <ul style="list-style-type: none">▪ For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). |
| <ul style="list-style-type: none">▪ For standard client devices < 30 dBm. |

3.3.2 Measuring Instruments

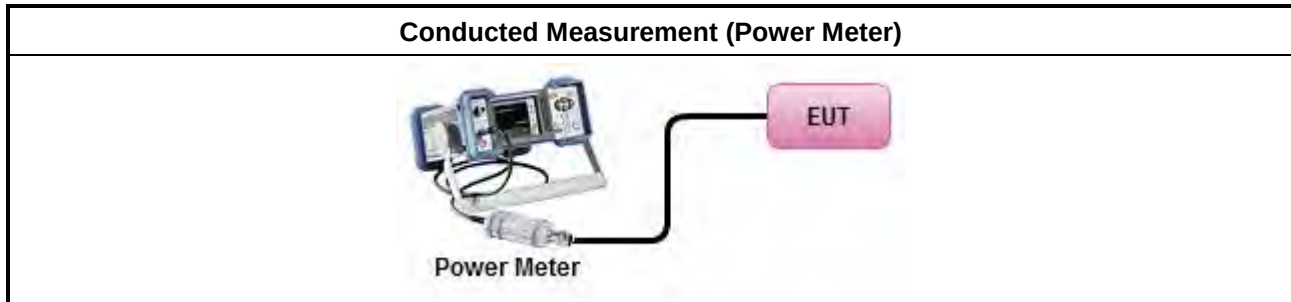
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

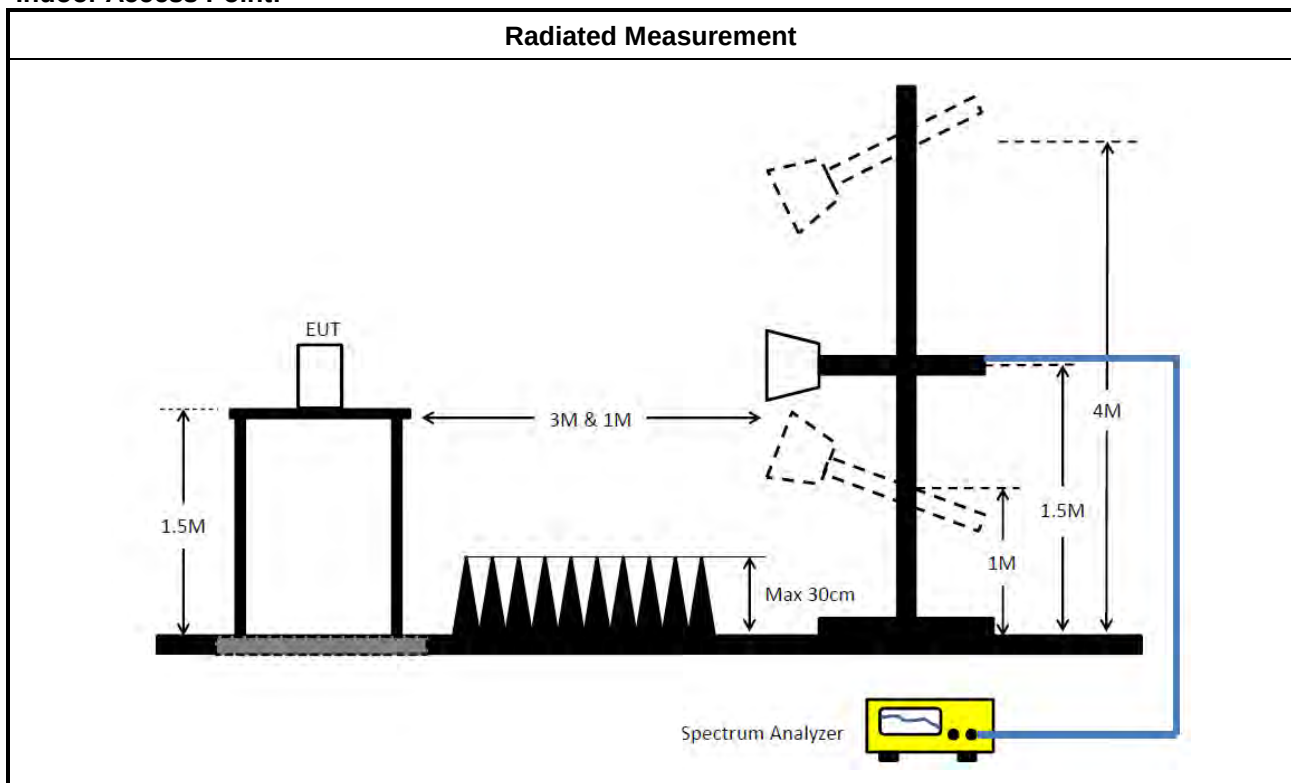
Test Method	
▪ According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement. (Standard Power Access Point)	
	▪ 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. (Indoor Access Point)	
	▪ Refer as FCC KDB 789033 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

Standard Power Access Point:



Indoor Access Point:



3.3.5 Test Result of Maximum Equivalent Isotopically Radiated Power (E.I.R.P)

Refer as Appendix C



3.4 Peak Power Spectral Density (E.I.R.P.)

3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 5 dBm / MHz.
	■ For low-power client devices < -1 dBm / MHz.
	■ For very low-power devices < -5 dBm / MHz.
☐ For the 5.925 ~ 6.875 GHz band:	
	■ For standard-power access points & fixed client devices < 23 dBm / MHz.
	■ For standard client devices < 17 dBm / MHz.



3.4.2 Measuring Instruments

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

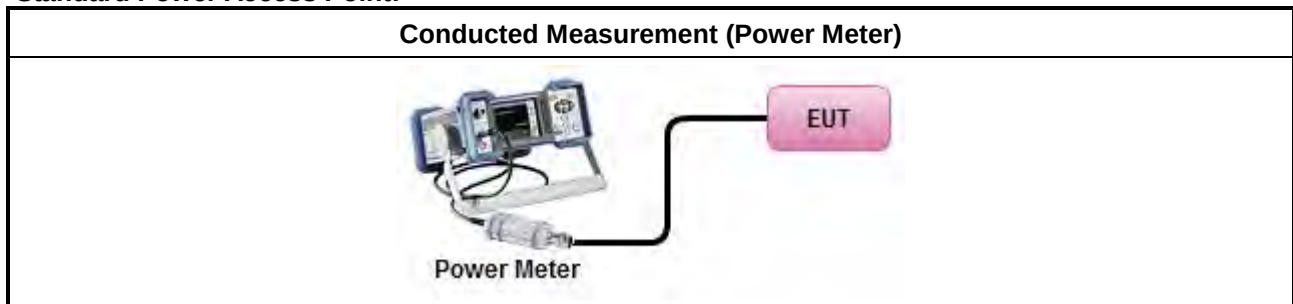
3.4.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. 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, 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, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, 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, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement. (Standard Power Access Point)
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]) $EIRP_{total} = PPSD_{total} + DG$	

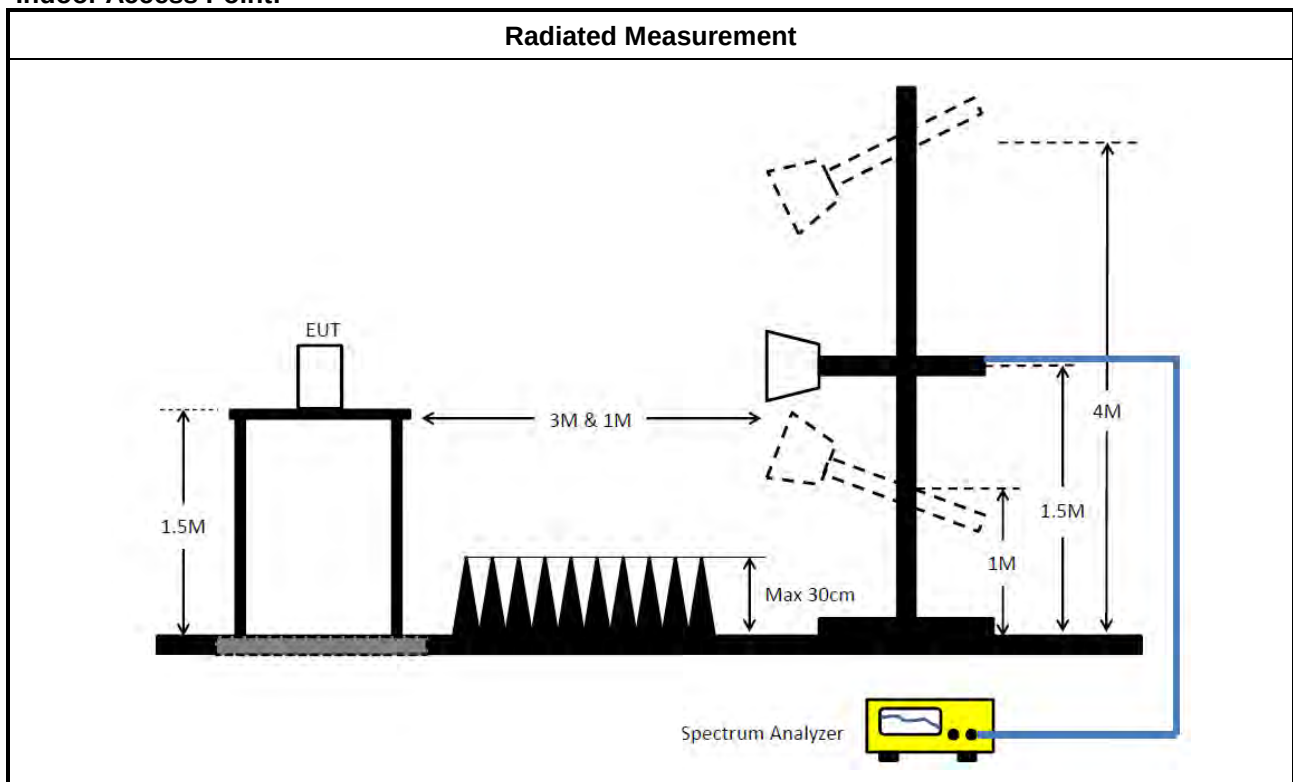
☒	For radiated measurement. (Indoor Access Point)
	- Refer as FCC KDB 789033 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Standard Power Access Point:



Indoor Access Point:



3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

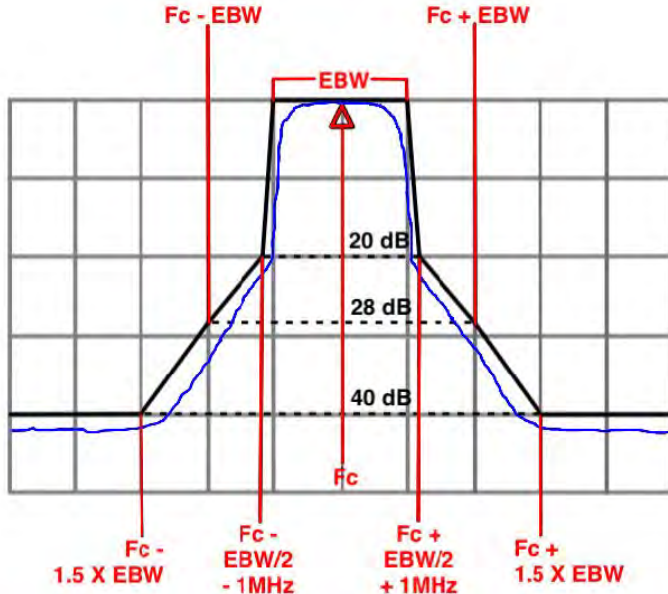
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.925 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Frequency	Emission MASK Limit
5.925 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



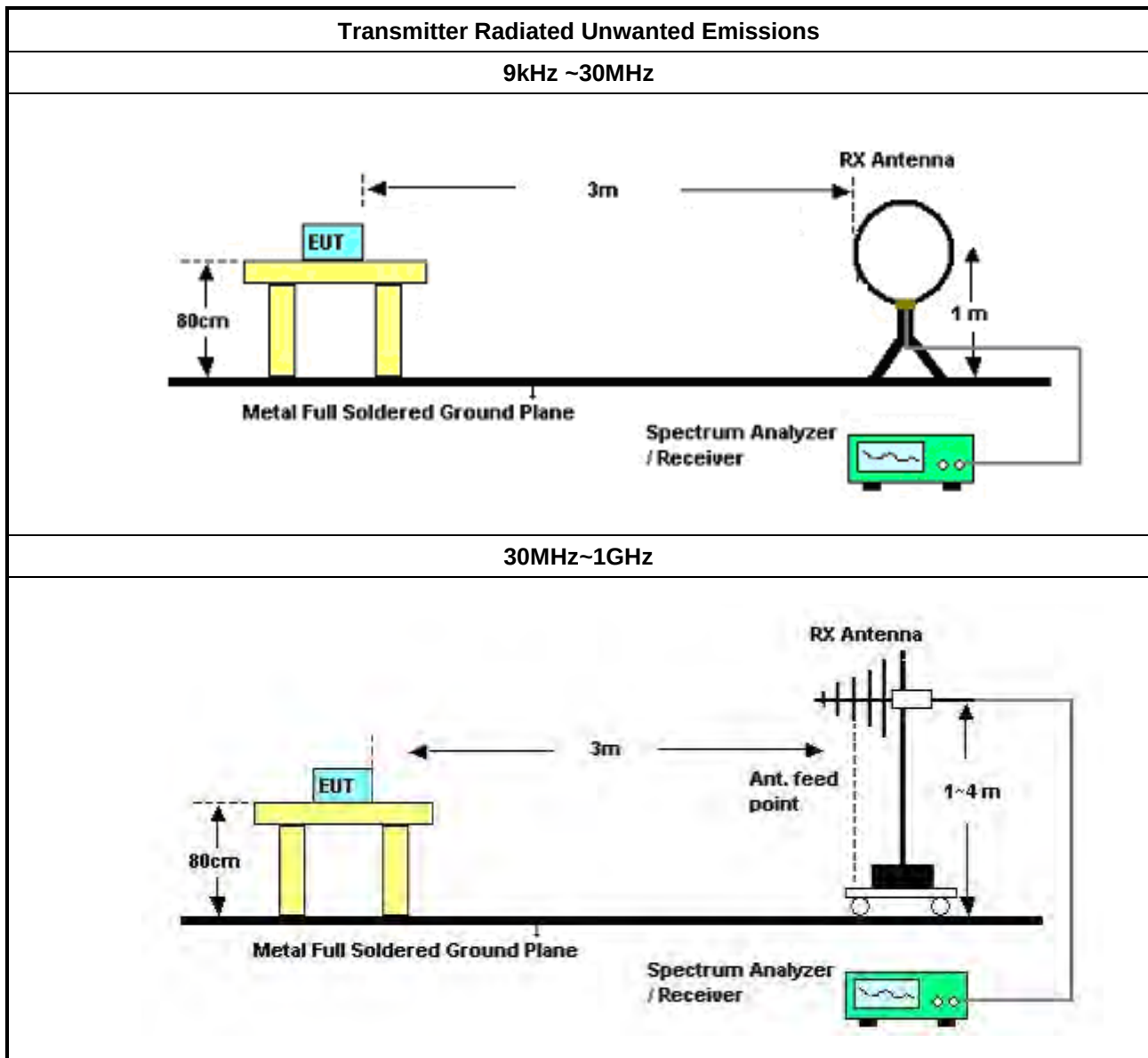
3.5.2 Measuring Instruments

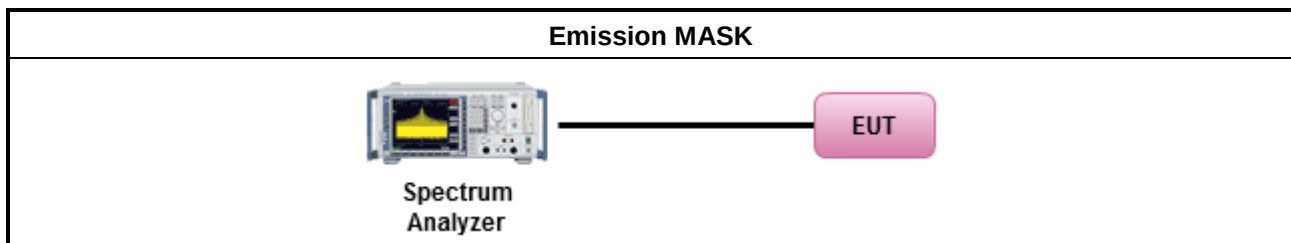
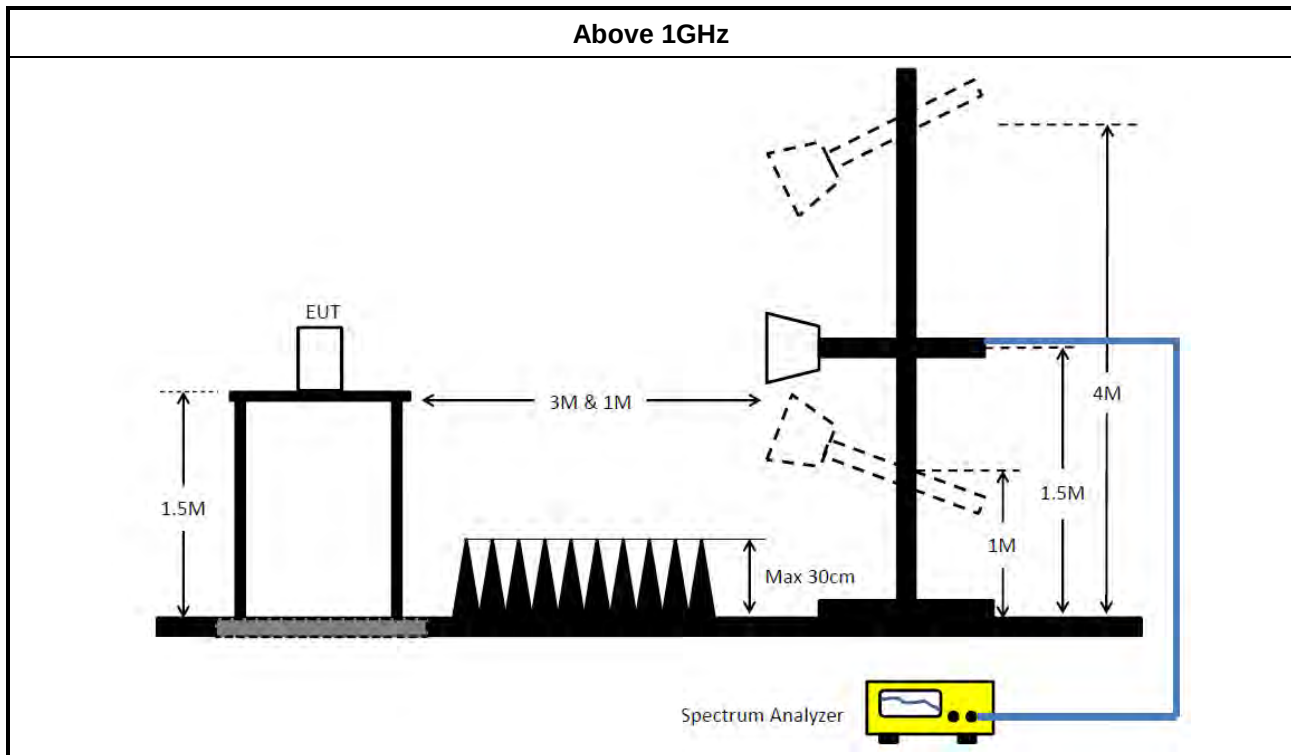
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). 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, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, 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.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
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

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

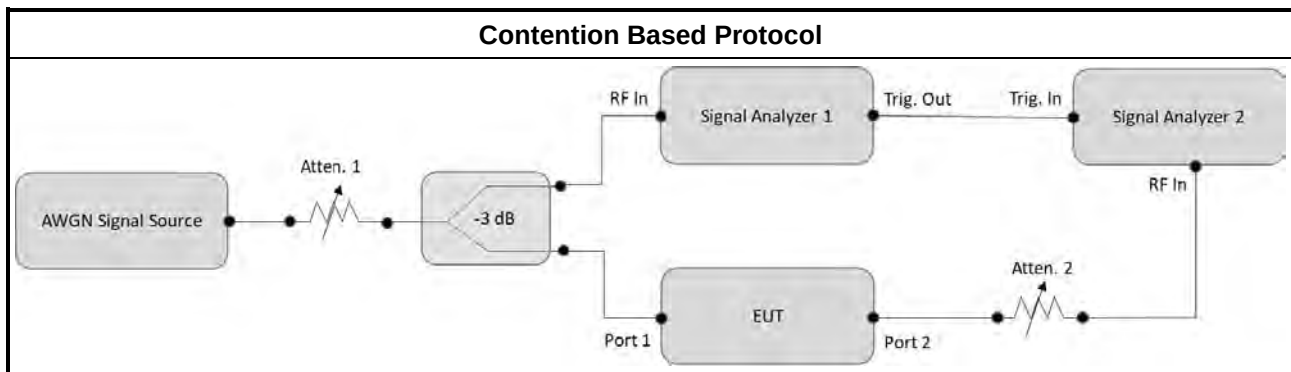
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as FCC KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



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. 12, 2026	Mar. 11, 2027	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 04, 2026	Feb. 03, 2027	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 10, 2026	Apr. 09, 2027	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)
Loop Antenna	Teseq	HLA 6121	65417	9kHz ~ 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 15, 2026	Jan. 14, 2027	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 21, 2025	Jun. 20, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 20, 2026	Jun. 19, 2027	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 02, 2026	May 01, 2027	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul.29,2026	Jul. 28, 2027	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 15, 2026	May 14, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Jan. 26, 2026	Jan. 25, 2027	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	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)
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 NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 30, 2026	Jul. 29, 2027	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMC	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 30, 2026	Apr. 29, 2027	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May 08, 2026	May 07, 2027	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	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	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	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	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Jun. 04, 2026	Jun. 03, 2027	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	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 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 01, 2026	Apr. 30, 2027	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 06, 2026	Feb. 05, 2027	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Jun. 04, 2026	Jun. 03, 2027	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 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. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170586	15GHz ~ 40GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 29, 2026	Jul. 28, 2027	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 30, 2026	Jun. 29, 2027	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV3044	101880	10kHz ~ 44GHz	May 13, 2026	May 12, 2027	Conducted (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Nov. 04, 2025	Nov. 03, 2026	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



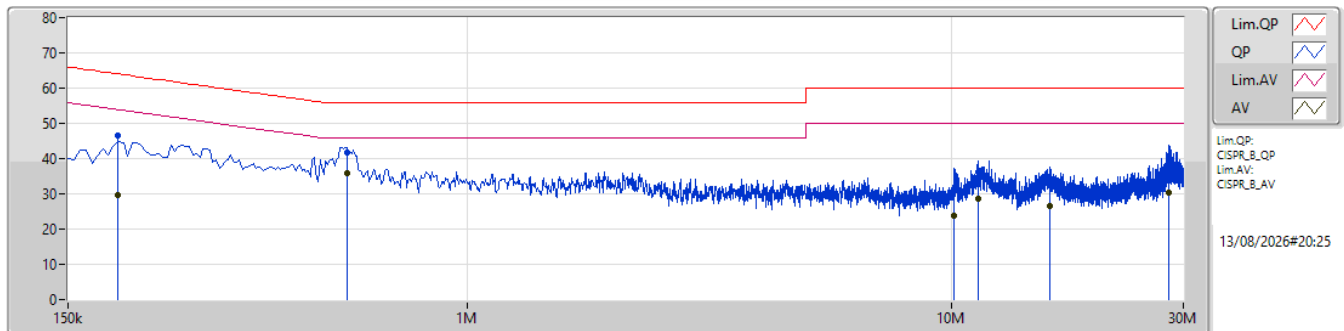
Conducted Emissions at Powerline

Appendix A

Summary

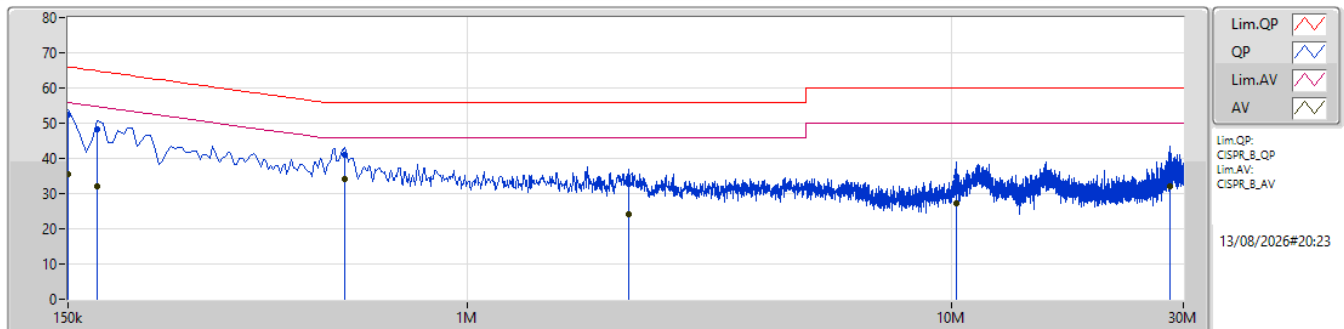
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	564k	35.78	46.00	-10.22	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	190.5k	46.54	64.01	-17.47	9.93	Line	-	36.61	0.08	0.07	9.78						
AV	190.5k	29.72	54.01	-24.29	9.93	Line	-	19.79	0.08	0.07	9.78						
QP	564k	41.79	56.00	-14.21	10.12	Line	-	31.67	0.09	0.13	9.90						
AV	564k	35.78	46.00	-10.22	10.12	Line	"Worst"	25.66	0.09	0.13	9.90						
QP	10.109M	31.28	60.00	-28.72	10.63	Line	-	20.65	0.24	0.27	10.12						
AV	10.109M	23.75	50.00	-26.25	10.63	Line	-	13.12	0.24	0.27	10.12						
QP	11.351M	36.23	60.00	-23.77	10.73	Line	-	25.50	0.25	0.30	10.18						
AV	11.351M	28.67	50.00	-21.33	10.73	Line	-	17.94	0.25	0.30	10.18						
QP	15.932M	33.62	60.00	-26.38	10.98	Line	-	22.64	0.27	0.36	10.35						
AV	15.932M	26.62	50.00	-23.38	10.98	Line	-	15.64	0.27	0.36	10.35						
QP	28.019M	39.60	60.00	-20.40	11.05	Line	-	28.55	0.33	0.40	10.32						
AV	28.019M	30.46	50.00	-19.54	11.05	Line	-	19.41	0.33	0.40	10.32						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	52.29	66.00	-13.71	10.04	Neutral	-	42.25	0.06	0.10	9.88						
AV	150k	35.47	56.00	-20.53	10.04	Neutral	-	25.43	0.06	0.10	9.88						
QP	172.5k	48.40	64.83	-16.43	9.96	Neutral	-	38.44	0.06	0.08	9.82						
AV	172.5k	32.14	54.83	-22.69	9.96	Neutral	-	22.18	0.06	0.08	9.82						
QP	559.5k	41.05	56.00	-14.95	10.09	Neutral	-	30.96	0.06	0.13	9.90						
AV	559.5k	33.99	46.00	-12.01	10.09	Neutral	"Worst"	23.90	0.06	0.13	9.90						
QP	2.153M	32.92	56.00	-23.08	9.96	Neutral	-	22.96	0.08	0.14	9.74						
AV	2.153M	24.06	46.00	-21.94	9.96	Neutral	-	14.10	0.08	0.14	9.74						
QP	10.221M	34.81	60.00	-25.19	10.60	Neutral	-	24.21	0.21	0.27	10.12						
AV	10.221M	27.40	50.00	-22.60	10.60	Neutral	-	16.80	0.21	0.27	10.12						
QP	28.131M	38.55	60.00	-21.45	11.07	Neutral	-	27.48	0.35	0.40	10.32						
AV	28.131M	32.07	50.00	-17.93	11.07	Neutral	-	21.00	0.35	0.40	10.32						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	42.46M	22.86M	22M9D1D	39.105M	19.461M
802.11be EHT20_Nss1,(MCS0)_2TX	45.21M	25.564M	25M6D1D	38.72M	20.135M
802.11be EHT20_Nss2,(MCS0)_2TX	45.925M	26.909M	26M9D1D	39.545M	22.286M
802.11be EHT40_Nss1,(MCS0)_1TX	50.27M	37.949M	37M9D1D	41.25M	37.851M
802.11be EHT40_Nss1,(MCS0)_2TX	47.19M	37.902M	37M9D1D	40.48M	37.801M
802.11be EHT40_Nss2,(MCS0)_2TX	42.35M	37.893M	37M9D1D	40.48M	37.778M
802.11be EHT80_Nss1,(MCS0)_1TX	127.6M	78.01M	78M0D1D	88M	77.285M
802.11be EHT80_Nss1,(MCS0)_2TX	98.56M	77.374M	77M4D1D	86.46M	77.274M
802.11be EHT80_Nss2,(MCS0)_2TX	85.58M	77.444M	77M4D1D	81.62M	77.215M
802.11be EHT160_Nss1,(MCS0)_1TX	316.8M	158.39M	158MD1D	218.24M	156.886M
802.11be EHT160_Nss1,(MCS0)_2TX	188.32M	156.866M	157MD1D	176.88M	156.133M
802.11be EHT160_Nss2,(MCS0)_2TX	262.68M	157.343M	157MD1D	163.24M	156.435M
802.11be EHT320_Nss1,(MCS0)_1TX	693.44M	319.568M	320MD1D	505.12M	317.269M
802.11be EHT320_Nss1,(MCS0)_2TX	654.72M	319.638M	320MD1D	500.72M	315.808M
802.11be EHT320_Nss2,(MCS0)_2TX	635.36M	319.467M	319MD1D	520.08M	316.653M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	45.815M	20.731M	20M7D1D	41.635M	20.08M
802.11be EHT20_Nss1,(MCS0)_2TX	46.64M	27.708M	27M7D1D	42.845M	20.211M
802.11be EHT20_Nss2,(MCS0)_2TX	45.43M	27.63M	27M6D1D	43.34M	20.564M
802.11be EHT40_Nss1,(MCS0)_1TX	51.7M	37.918M	37M9D1D	41.36M	37.846M
802.11be EHT40_Nss1,(MCS0)_2TX	47.19M	37.946M	37M9D1D	41.36M	37.879M
802.11be EHT40_Nss2,(MCS0)_2TX	44.22M	37.926M	37M9D1D	40.26M	37.818M
802.11be EHT80_Nss1,(MCS0)_1TX	99.44M	77.507M	77M5D1D	97.46M	77.459M
802.11be EHT80_Nss1,(MCS0)_2TX	97.9M	77.523M	77M5D1D	86.24M	77.323M
802.11be EHT80_Nss2,(MCS0)_2TX	83.16M	77.468M	77M5D1D	82.06M	77.386M
802.11be EHT160_Nss1,(MCS0)_1TX	310.2M	158.686M	159MD1D	310.2M	158.686M
802.11be EHT160_Nss1,(MCS0)_2TX	188.76M	156.642M	157MD1D	178.64M	156.519M
802.11be EHT160_Nss2,(MCS0)_2TX	188.76M	156.917M	157MD1D	187.88M	156.685M
802.11be EHT320_Nss1,(MCS0)_1TX	615.12M	319.492M	319MD1D	615.12M	319.492M
802.11be EHT320_Nss1,(MCS0)_2TX	561.44M	319.758M	320MD1D	532.4M	318.729M
802.11be EHT320_Nss2,(MCS0)_2TX	616M	318.526M	319MD1D	547.36M	318.181M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	45.265M	24.838M	24M8D1D	41.25M	19.557M
802.11be EHT20_Nss1,(MCS0)_2TX	45.87M	27.738M	27M7D1D	41.8M	19.469M
802.11be EHT20_Nss2,(MCS0)_2TX	46.145M	27.58M	27M6D1D	41.195M	20.149M
802.11be EHT40_Nss1,(MCS0)_1TX	41.8M	37.918M	37M9D1D	41.25M	37.879M
802.11be EHT40_Nss1,(MCS0)_2TX	49.72M	37.932M	37M9D1D	41.03M	37.851M
802.11be EHT40_Nss2,(MCS0)_2TX	42.24M	37.944M	37M9D1D	40.92M	37.803M
802.11be EHT80_Nss1,(MCS0)_1TX	99.22M	77.518M	77M5D1D	86.46M	77.376M
802.11be EHT80_Nss1,(MCS0)_2TX	98.12M	77.452M	77M5D1D	82.94M	77.326M
802.11be EHT80_Nss2,(MCS0)_2TX	84.7M	77.453M	77M5D1D	81.84M	77.273M
802.11be EHT160_Nss1,(MCS0)_1TX	319.44M	158.519M	159MD1D	316.36M	158.202M
802.11be EHT160_Nss1,(MCS0)_2TX	184.36M	156.621M	157MD1D	176.88M	156.455M
802.11be EHT160_Nss2,(MCS0)_2TX	166.32M	156.621M	157MD1D	163.68M	156.286M
802.11be EHT320_Nss1,(MCS0)_1TX	656.48M	319.959M	320MD1D	434.72M	316.262M
802.11be EHT320_Nss1,(MCS0)_2TX	643.28M	319.119M	319MD1D	401.28M	316.081M
802.11be EHT320_Nss2,(MCS0)_2TX	674.08M	319.399M	319MD1D	476.96M	316.674M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	46.255M	24.802M	24M8D1D	42.625M	19.817M
802.11be EHT20_Nss1,(MCS0)_2TX	46.695M	27.096M	27M1D1D	42.46M	19.422M
802.11be EHT20_Nss2,(MCS0)_2TX	46.09M	27.001M	27M0D1D	44.605M	23.364M
802.11be EHT40_Nss1,(MCS0)_1TX	42.57M	38.019M	38M0D1D	41.36M	37.922M
802.11be EHT40_Nss1,(MCS0)_2TX	47.52M	37.937M	37M9D1D	41.03M	37.84M
802.11be EHT40_Nss2,(MCS0)_2TX	50.27M	37.909M	37M9D1D	41.58M	37.842M

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11be EHT80_Nss1,(MCS0)_1TX	104.06M	77.78M	77M8D1D	96.8M	77.541M
802.11be EHT80_Nss1,(MCS0)_2TX	98.56M	77.573M	77M6D1D	96.14M	77.304M
802.11be EHT80_Nss2,(MCS0)_2TX	88.44M	77.439M	77M4D1D	81.84M	77.311M
802.11be EHT160_Nss1,(MCS0)_1TX	271.92M	157.584M	158MD1D	271.92M	157.584M
802.11be EHT160_Nss1,(MCS0)_2TX	189.2M	156.628M	157MD1D	187M	156.47M
802.11be EHT160_Nss2,(MCS0)_2TX	227.92M	157.146M	157MD1D	195.36M	156.591M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = 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_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	320M	39.27M	19.796M		
6195MHz	Pass	320M	39.105M	22.86M		
6415MHz	Pass	320M	42.46M	19.461M		
6435MHz	Pass	320M	44.495M	20.731M		
6475MHz	Pass	320M	41.635M	20.08M		
6515MHz	Pass	320M	45.815M	20.188M		
6535MHz	Pass	320M	45.265M	22.221M		
6695MHz	Pass	320M	41.25M	19.557M		
6855MHz	Pass	320M	44.825M	24.838M		
6875MHz	Pass	320M	44.605M	20.177M		
6995MHz	Pass	320M	46.255M	24.802M		
7095MHz	Pass	320M	42.625M	19.817M		
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5965MHz	Pass	320M	46.97M	37.851M		
6205MHz	Pass	320M	50.27M	37.949M		
6405MHz	Pass	320M	41.25M	37.881M		
6445MHz	Pass	320M	47.52M	37.846M		
6485MHz	Pass	320M	41.36M	37.918M		
6525MHz	Pass	320M	51.7M	37.913M		
6565MHz	Pass	320M	41.8M	37.879M		
6685MHz	Pass	320M	41.36M	37.886M		
6845MHz	Pass	320M	41.25M	37.918M		
6885MHz	Pass	320M	41.25M	37.885M		
7005MHz	Pass	320M	41.36M	38.019M		
7085MHz	Pass	320M	42.57M	37.922M		
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5985MHz	Pass	320M	88M	77.285M		
6225MHz	Pass	320M	127.6M	78.01M		
6385MHz	Pass	320M	106.04M	77.493M		
6465MHz	Pass	320M	99.44M	77.459M		
6545MHz	Pass	320M	97.46M	77.507M		
6625MHz	Pass	320M	96.58M	77.424M		
6705MHz	Pass	320M	99.22M	77.376M		
6785MHz	Pass	320M	86.46M	77.518M		
6865MHz	Pass	320M	99M	77.414M		
6945MHz	Pass	320M	96.8M	77.541M		
7025MHz	Pass	320M	104.06M	77.78M		
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6025MHz	Pass	320M	218.24M	156.886M		
6185MHz	Pass	320M	309.76M	158.093M		
6345MHz	Pass	320M	316.8M	158.39M		
6505MHz	Pass	320M	310.2M	158.686M		
6665MHz	Pass	320M	316.36M	158.519M		
6825MHz	Pass	320M	319.44M	158.202M		
6985MHz	Pass	320M	271.92M	157.584M		
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6105MHz	Pass	320M	505.12M	317.269M		
6265MHz	Pass	320M	561.44M	319.568M		
6425MHz	Pass	320M	693.44M	319.51M		
6585MHz	Pass	320M	615.12M	319.492M		
6745MHz	Pass	320M	656.48M	319.959M		
6905MHz	Pass	320M	434.72M	316.262M		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	39.27M	22.913M	39.93M	25.564M



EBW_Mode 1

Appendix B.1

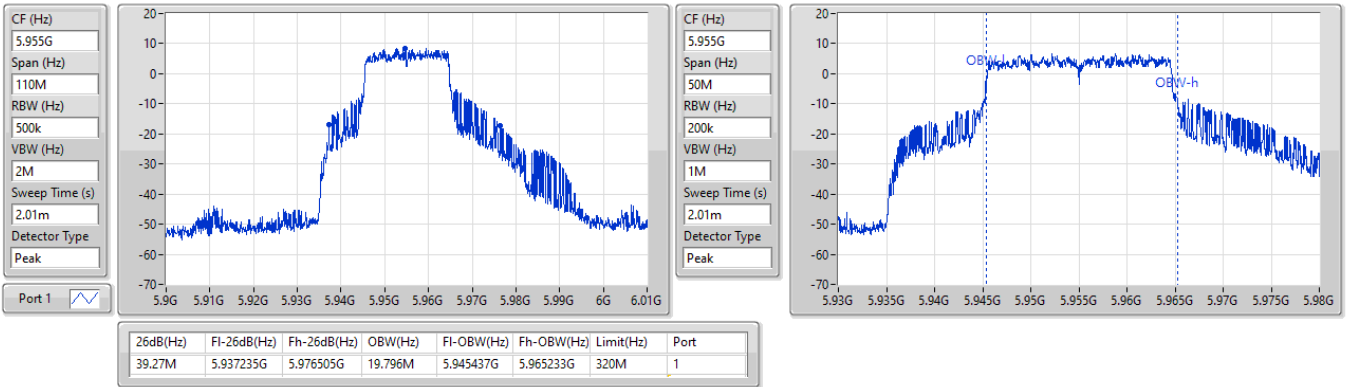
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6195MHz	Pass	320M	38.72M	20.135M	43.395M	22.979M
6415MHz	Pass	320M	45.21M	24.533M	42.735M	22.648M
6435MHz	Pass	320M	44.495M	24.076M	46.09M	27.708M
6475MHz	Pass	320M	46.64M	24.627M	45.595M	26.837M
6515MHz	Pass	320M	43.89M	20.211M	42.845M	22.022M
6535MHz	Pass	320M	41.8M	19.469M	45.815M	23.985M
6695MHz	Pass	320M	45.705M	24.601M	42.9M	22.736M
6855MHz	Pass	320M	45.87M	24.205M	45.595M	23.371M
6875MHz	Pass	320M	43.56M	22.028M	45.21M	27.738M
6995MHz	Pass	320M	46.695M	20.35M	42.46M	27.096M
7095MHz	Pass	320M	44.715M	19.422M	46.035M	22.824M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	47.19M	37.873M	46.75M	37.896M
6205MHz	Pass	320M	42.68M	37.801M	41.14M	37.86M
6405MHz	Pass	320M	41.25M	37.902M	40.48M	37.811M
6445MHz	Pass	320M	41.69M	37.943M	41.36M	37.893M
6485MHz	Pass	320M	42.46M	37.88M	46.86M	37.879M
6525MHz	Pass	320M	46.75M	37.946M	47.19M	37.904M
6565MHz	Pass	320M	41.03M	37.855M	49.72M	37.893M
6685MHz	Pass	320M	46.86M	37.851M	46.42M	37.865M
6845MHz	Pass	320M	41.36M	37.932M	42.02M	37.864M
6885MHz	Pass	320M	42.35M	37.871M	41.14M	37.893M
7005MHz	Pass	320M	46.97M	37.937M	41.03M	37.86M
7085MHz	Pass	320M	41.91M	37.84M	47.52M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	89.1M	77.374M	86.46M	77.274M
6225MHz	Pass	320M	97.24M	77.372M	87.34M	77.352M
6385MHz	Pass	320M	97.68M	77.367M	98.56M	77.315M
6465MHz	Pass	320M	86.24M	77.323M	97.9M	77.523M
6545MHz	Pass	320M	89.98M	77.35M	87.34M	77.499M
6625MHz	Pass	320M	82.94M	77.326M	87.34M	77.373M
6705MHz	Pass	320M	98.12M	77.386M	87.34M	77.416M
6785MHz	Pass	320M	98.12M	77.385M	96.36M	77.39M
6865MHz	Pass	320M	96.58M	77.345M	97.68M	77.452M
6945MHz	Pass	320M	96.14M	77.304M	98.56M	77.331M
7025MHz	Pass	320M	97.02M	77.315M	96.36M	77.573M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	182.6M	156.133M	176.88M	156.301M
6185MHz	Pass	320M	188.32M	156.866M	187.88M	156.841M
6345MHz	Pass	320M	185.68M	156.623M	187.44M	156.573M
6505MHz	Pass	320M	178.64M	156.519M	188.76M	156.642M
6665MHz	Pass	320M	184.36M	156.611M	176.88M	156.621M
6825MHz	Pass	320M	178.2M	156.462M	182.6M	156.455M
6985MHz	Pass	320M	189.2M	156.628M	187M	156.47M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	500.72M	315.808M	510.4M	316.021M
6265MHz	Pass	320M	544.72M	318.317M	574.64M	319.575M
6425MHz	Pass	320M	654.72M	319.638M	623.04M	318.693M
6585MHz	Pass	320M	561.44M	318.729M	532.4M	319.758M
6745MHz	Pass	320M	643.28M	319.065M	625.68M	319.119M
6905MHz	Pass	320M	401.28M	316.081M	435.6M	316.23M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	39.545M	22.863M	39.71M	25.694M
6195MHz	Pass	320M	44.275M	22.286M	45.265M	25.56M
6415MHz	Pass	320M	45.925M	24.752M	45.375M	26.909M
6435MHz	Pass	320M	44.22M	24.132M	45.43M	27.63M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6475MHz	Pass	320M	45.1M	24.708M	44.99M	25.447M
6515MHz	Pass	320M	44.385M	20.564M	43.34M	22.59M
6535MHz	Pass	320M	41.195M	20.149M	45.375M	25.392M
6695MHz	Pass	320M	44.825M	24.721M	42.735M	22.813M
6855MHz	Pass	320M	44.495M	22.273M	45.265M	27.58M
6875MHz	Pass	320M	45.815M	24.021M	46.145M	22.717M
6995MHz	Pass	320M	44.605M	24.397M	46.09M	23.364M
7095MHz	Pass	320M	44.88M	24.493M	45.925M	27.001M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	41.58M	37.893M	42.35M	37.819M
6205MHz	Pass	320M	40.81M	37.832M	40.48M	37.881M
6405MHz	Pass	320M	42.13M	37.882M	40.59M	37.778M
6445MHz	Pass	320M	41.36M	37.851M	40.26M	37.865M
6485MHz	Pass	320M	41.36M	37.926M	42.13M	37.897M
6525MHz	Pass	320M	44.22M	37.906M	40.7M	37.818M
6565MHz	Pass	320M	41.36M	37.827M	41.69M	37.803M
6685MHz	Pass	320M	41.58M	37.944M	41.58M	37.839M
6845MHz	Pass	320M	42.24M	37.846M	40.92M	37.859M
6885MHz	Pass	320M	41.47M	37.842M	41.91M	37.823M
7005MHz	Pass	320M	41.58M	37.859M	42.57M	37.866M
7085MHz	Pass	320M	41.69M	37.842M	50.27M	37.909M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	84.04M	77.223M	84.7M	77.299M
6225MHz	Pass	320M	85.58M	77.374M	85.14M	77.345M
6385MHz	Pass	320M	84.26M	77.444M	81.62M	77.215M
6465MHz	Pass	320M	82.72M	77.453M	82.06M	77.386M
6545MHz	Pass	320M	83.16M	77.428M	82.5M	77.468M
6625MHz	Pass	320M	82.06M	77.273M	82.28M	77.325M
6705MHz	Pass	320M	84.7M	77.384M	83.16M	77.361M
6785MHz	Pass	320M	82.28M	77.453M	84.04M	77.366M
6865MHz	Pass	320M	83.38M	77.413M	81.84M	77.305M
6945MHz	Pass	320M	84.92M	77.311M	82.5M	77.408M
7025MHz	Pass	320M	81.84M	77.439M	88.44M	77.43M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	180.84M	156.525M	181.28M	156.471M
6185MHz	Pass	320M	262.68M	157.278M	260.48M	157.343M
6345MHz	Pass	320M	163.24M	156.435M	164.12M	156.521M
6505MHz	Pass	320M	187.88M	156.685M	188.76M	156.917M
6665MHz	Pass	320M	163.68M	156.374M	166.32M	156.286M
6825MHz	Pass	320M	164.12M	156.476M	163.68M	156.621M
6985MHz	Pass	320M	195.36M	156.591M	227.92M	157.146M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	520.08M	316.653M	520.08M	317.96M
6265MHz	Pass	320M	549.12M	318.369M	529.76M	319.467M
6425MHz	Pass	320M	635.36M	319.078M	623.04M	318.449M
6585MHz	Pass	320M	547.36M	318.181M	616M	318.526M
6745MHz	Pass	320M	624.8M	319.399M	674.08M	318.538M
6905MHz	Pass	320M	476.96M	316.674M	525.36M	317.27M

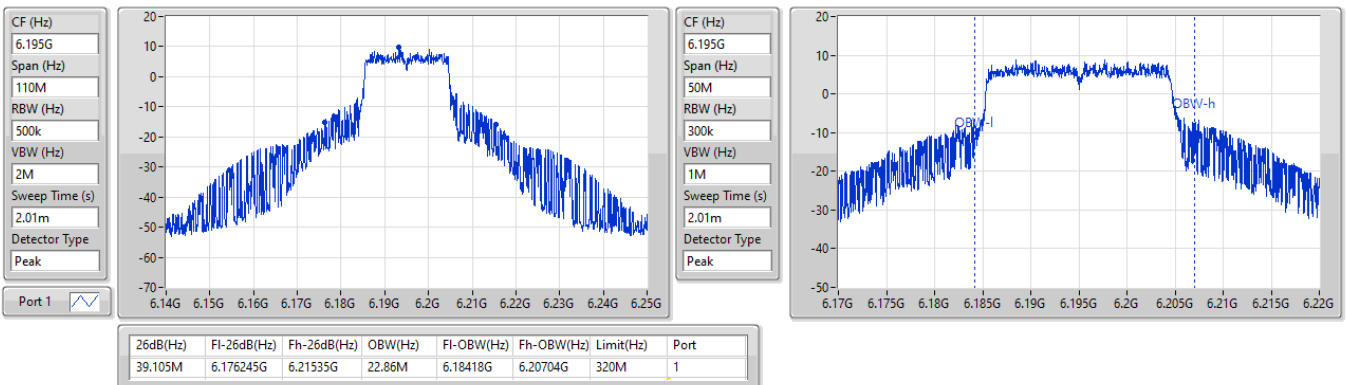
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5955MHz

04/07/2026

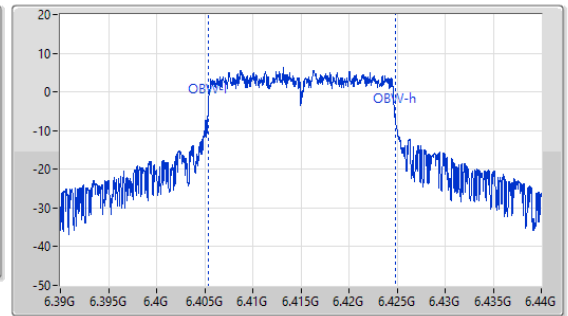
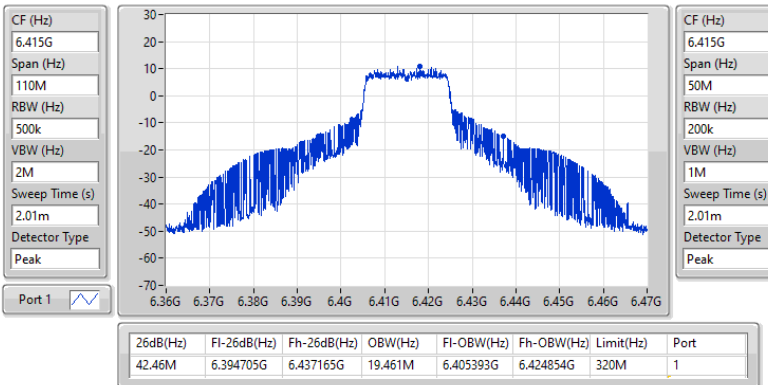

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6195MHz

04/07/2026

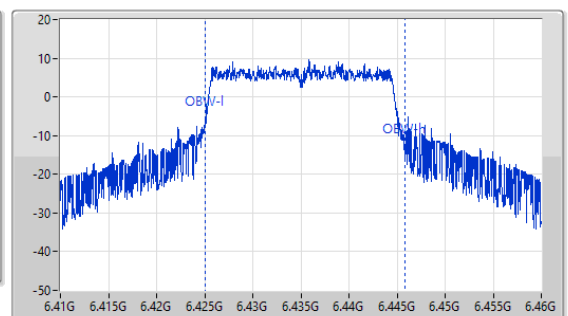
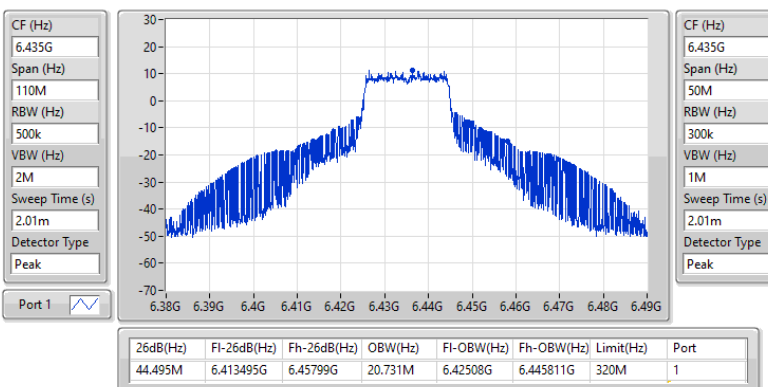


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6415MHz

04/07/2026

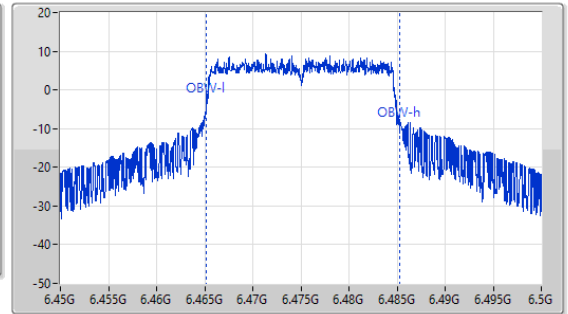
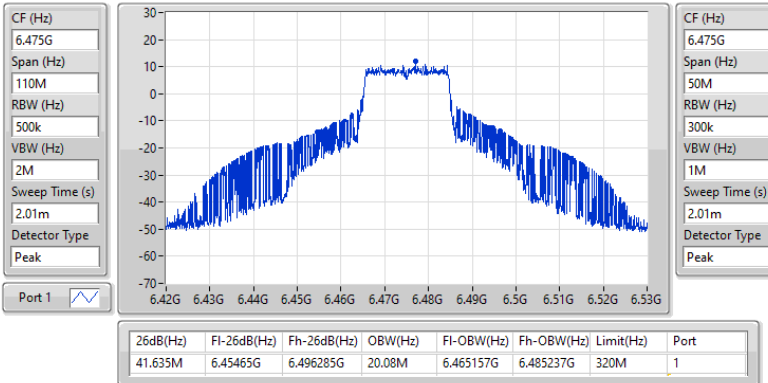

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6435MHz

04/07/2026

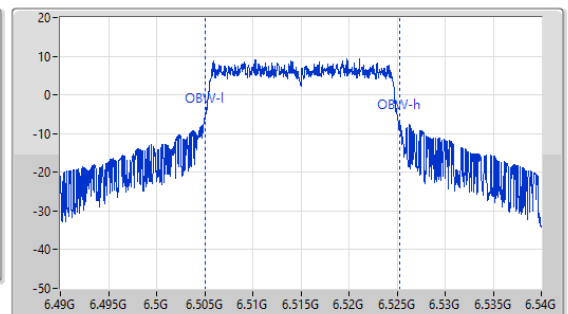
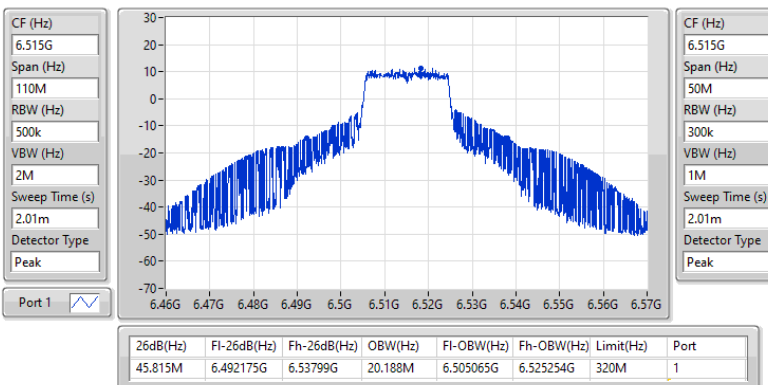


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6475MHz

04/07/2026

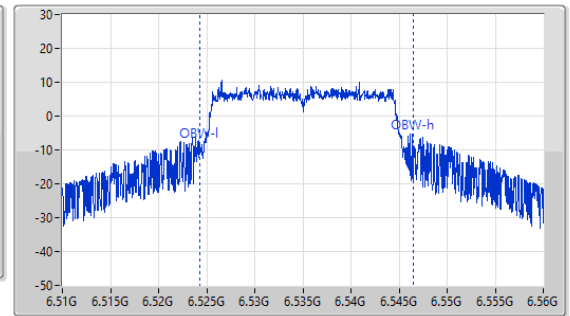
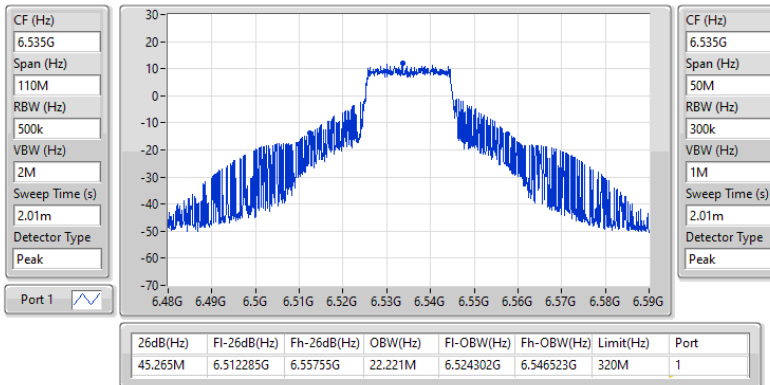

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6515MHz

04/07/2026

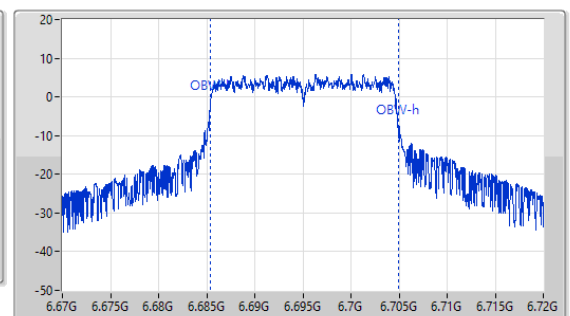
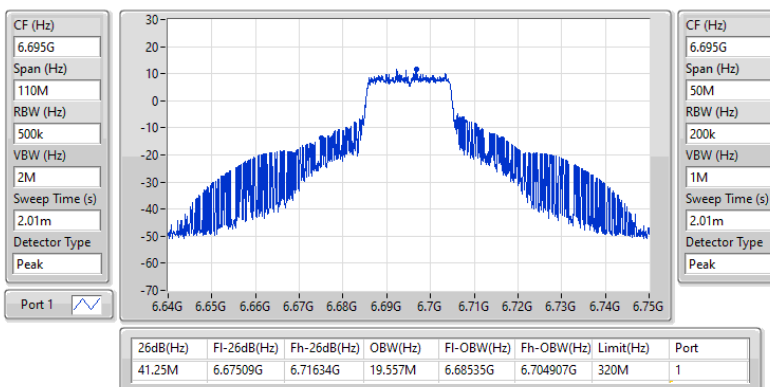


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6535MHz

04/07/2026

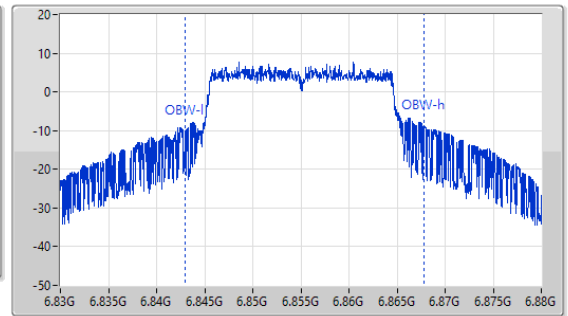
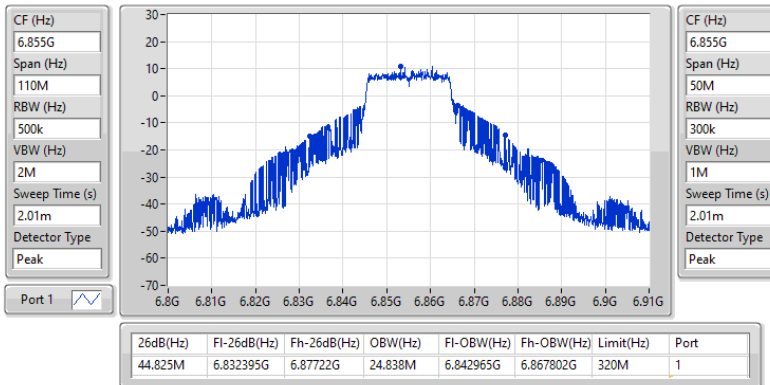

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

04/07/2026

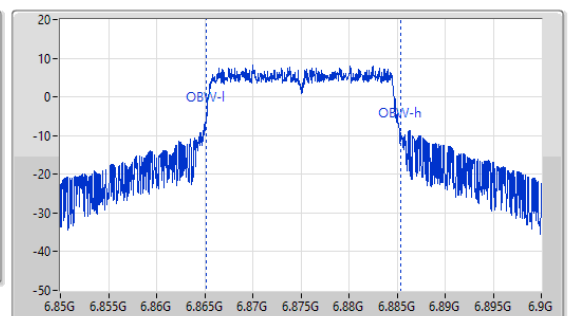
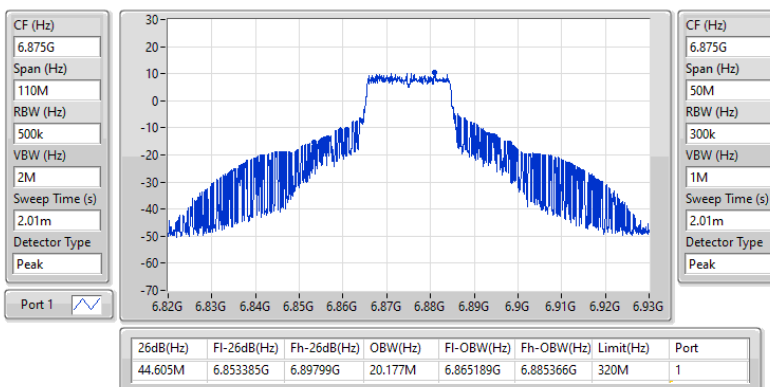


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

04/07/2026

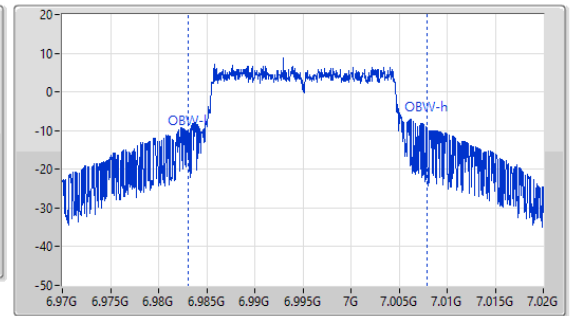
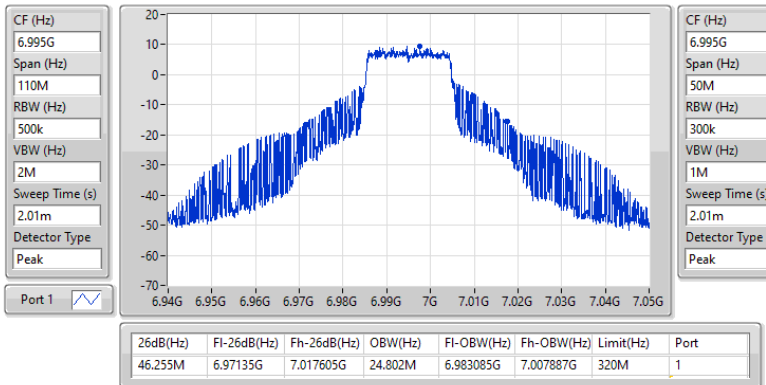

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6875MHz

04/07/2026

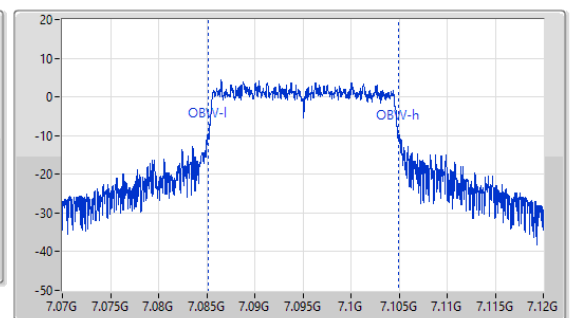
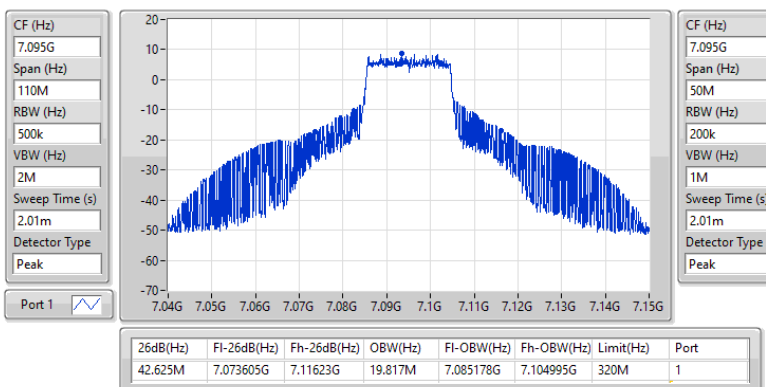


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6995MHz

04/07/2026


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
7095MHz

04/07/2026

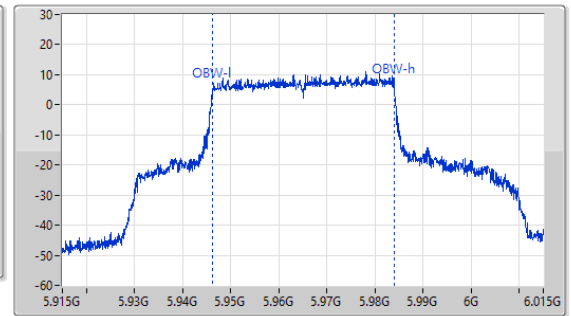
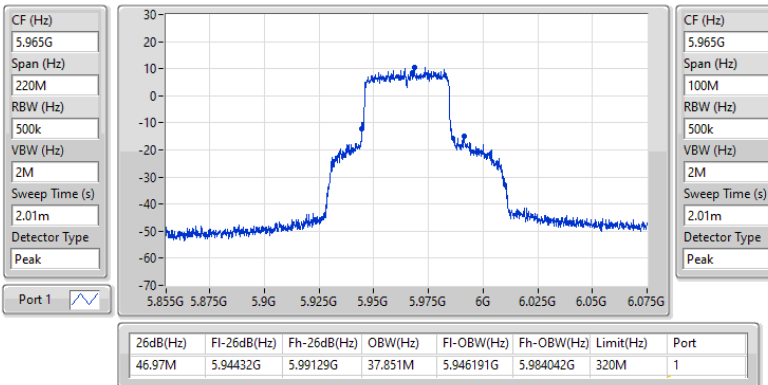


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5965MHz

04/07/2026

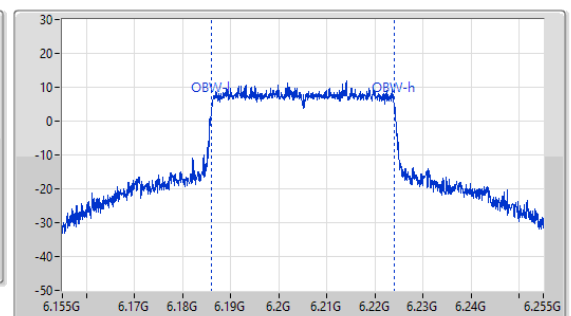
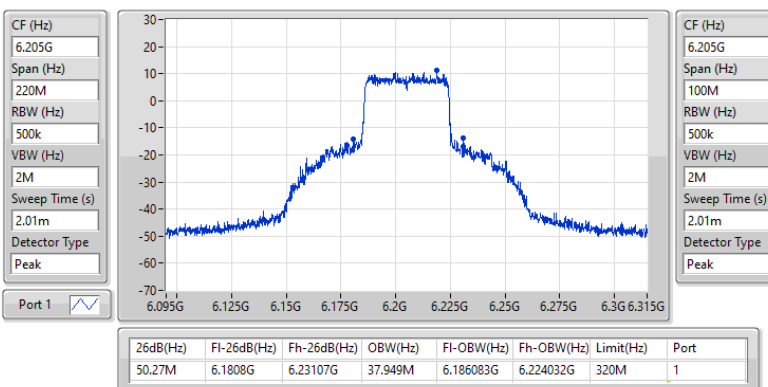


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

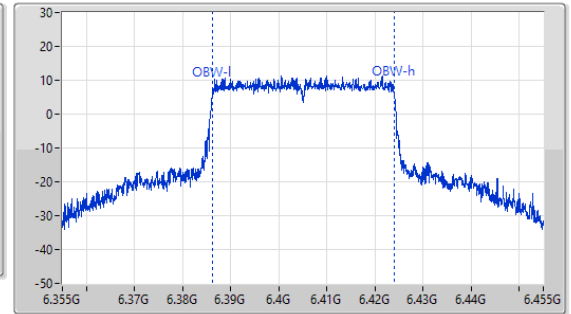
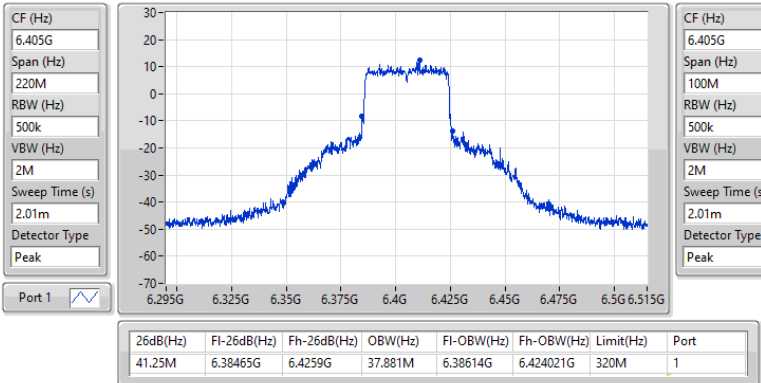
6205MHz

04/07/2026

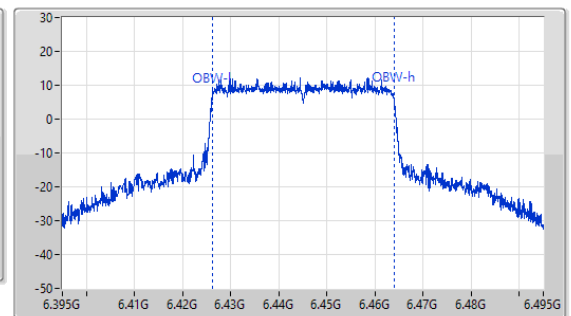
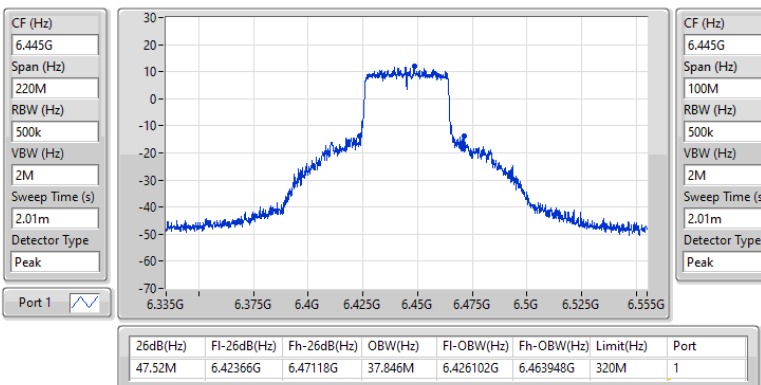


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6405MHz

04/07/2026

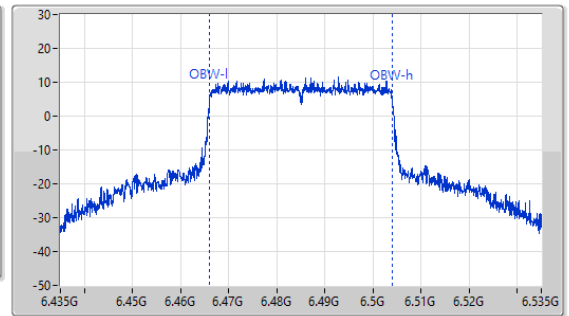
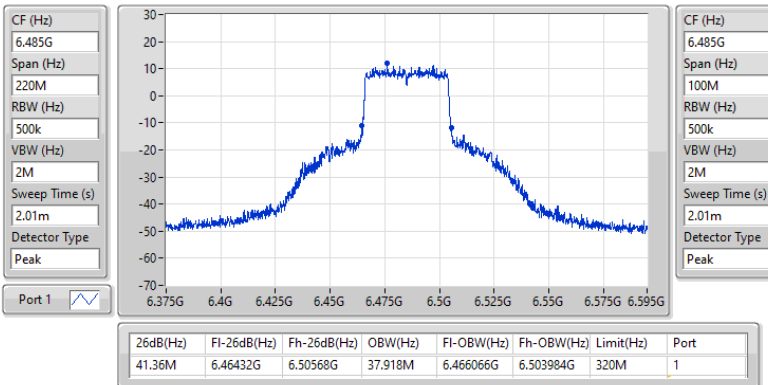

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6445MHz

04/07/2026

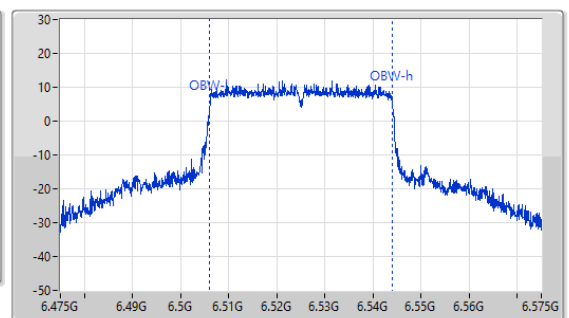
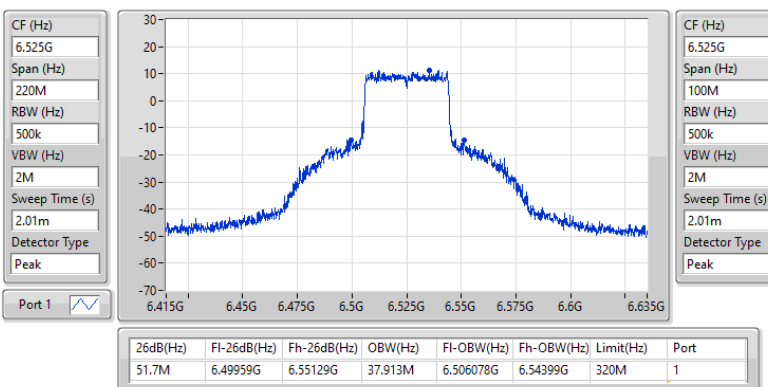


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6485MHz

04/07/2026

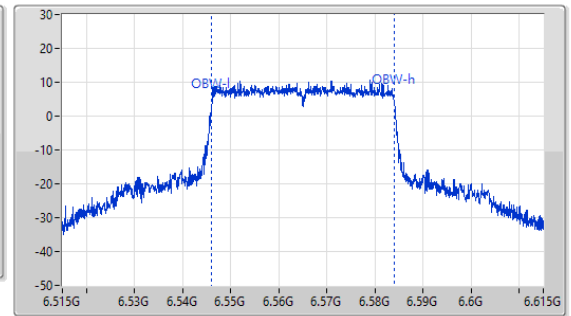
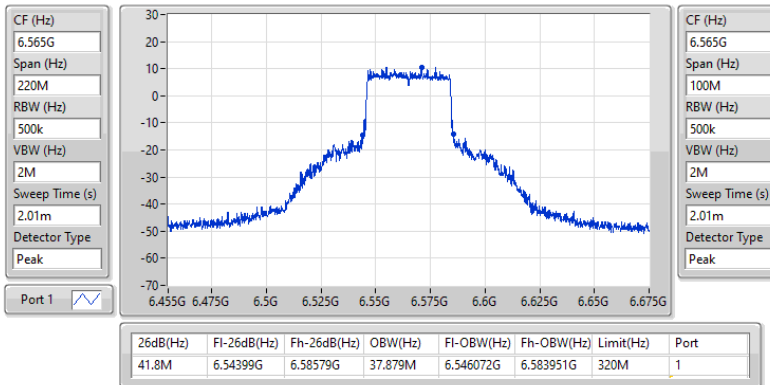

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6525MHz

04/07/2026

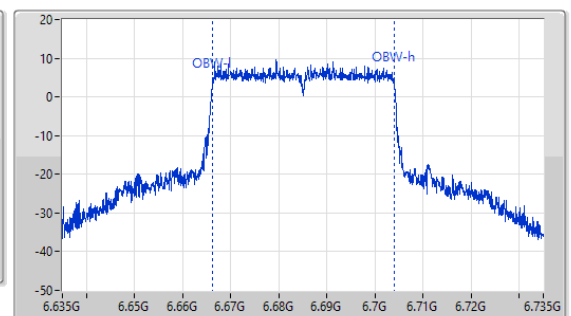
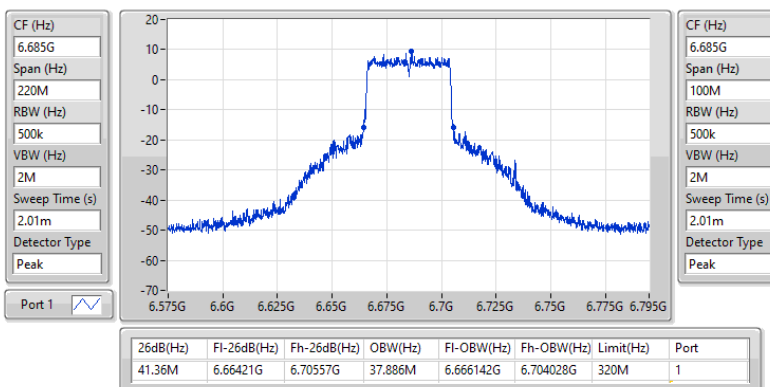


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6565MHz

04/07/2026

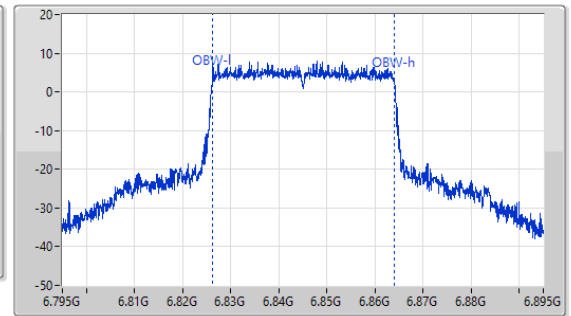
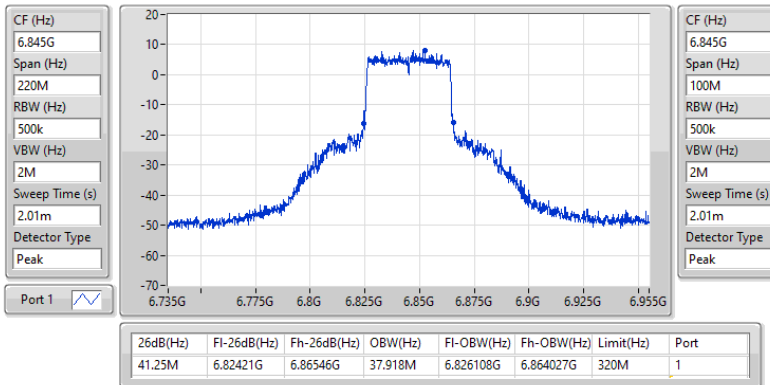

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

04/07/2026

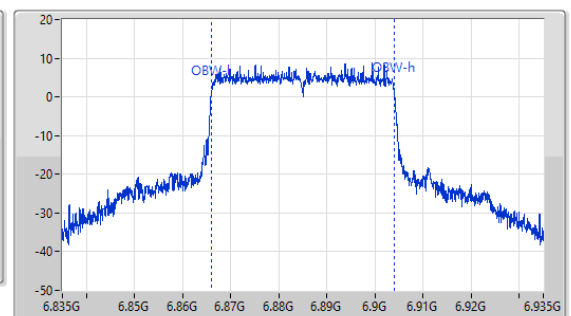
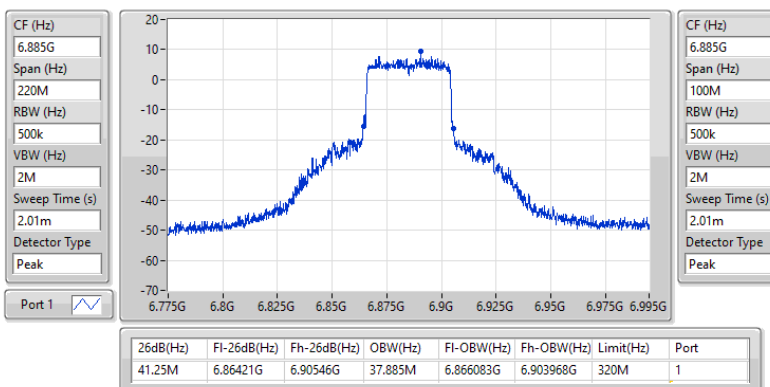


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

04/07/2026


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6885MHz

04/07/2026

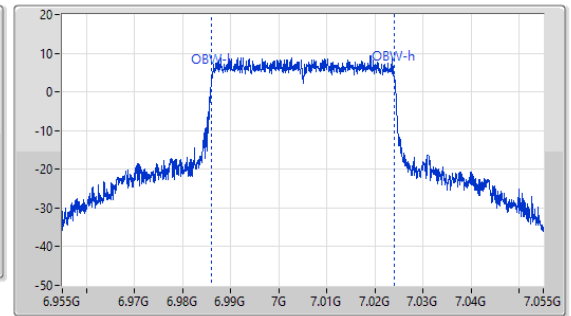
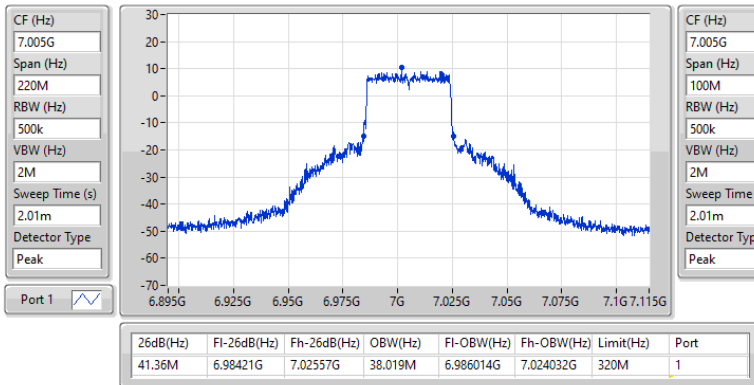


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

7005MHz

04/07/2026

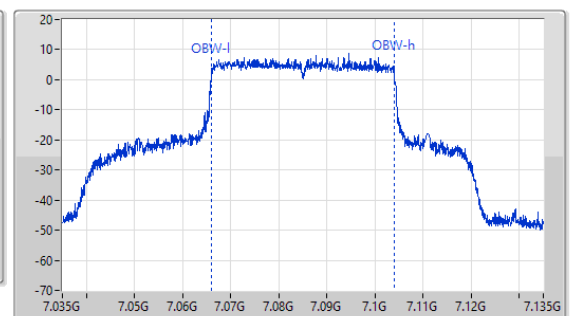
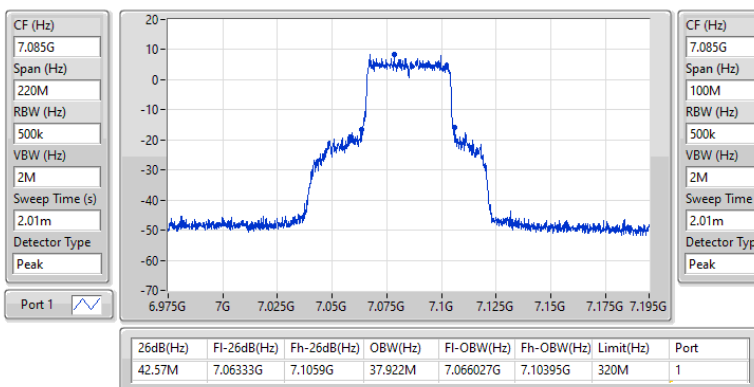


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

7085MHz

04/07/2026

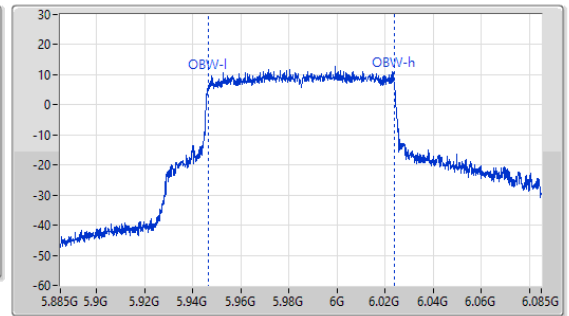
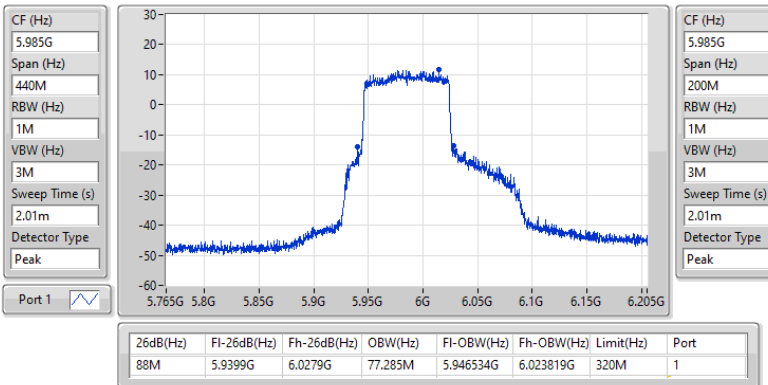


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5985MHz

04/07/2026

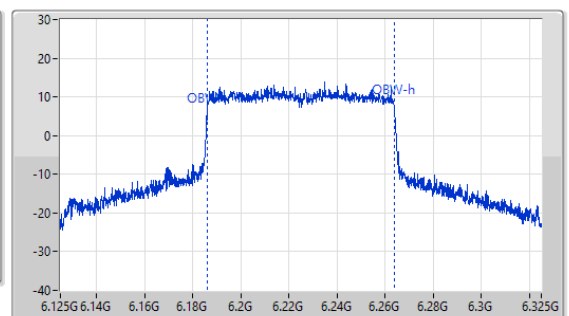
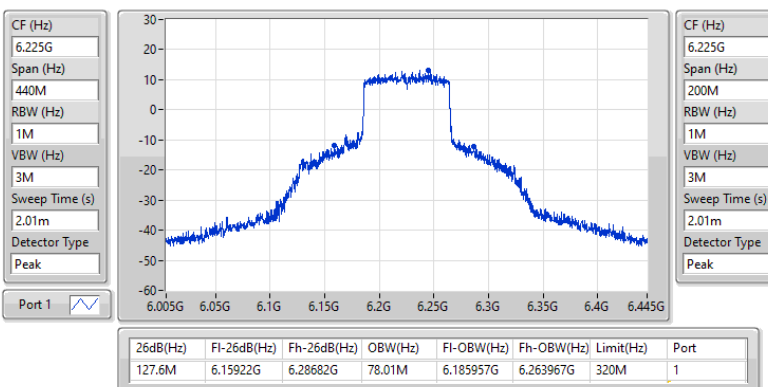


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

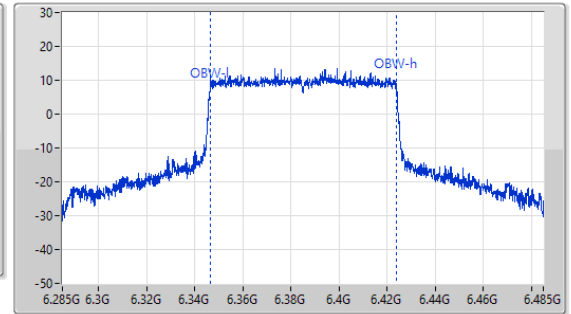
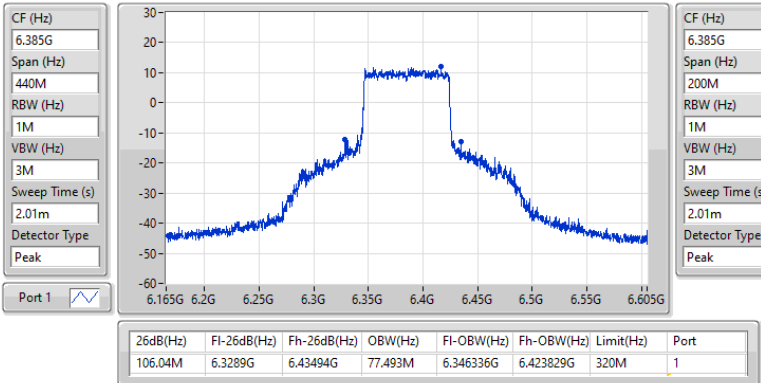
6225MHz

04/07/2026

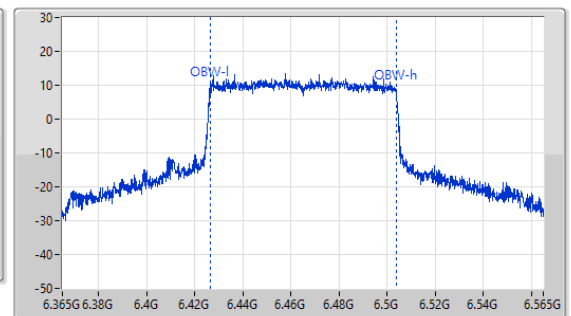
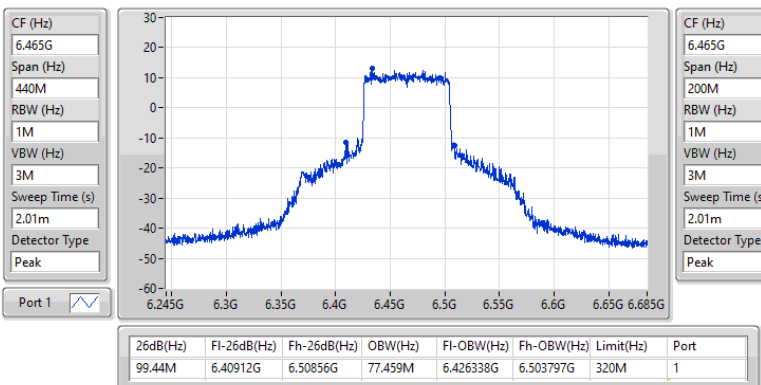


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6385MHz

04/07/2026

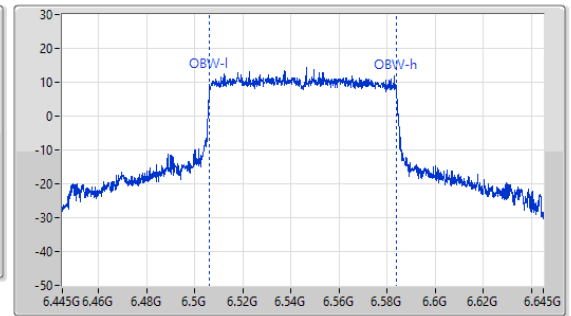
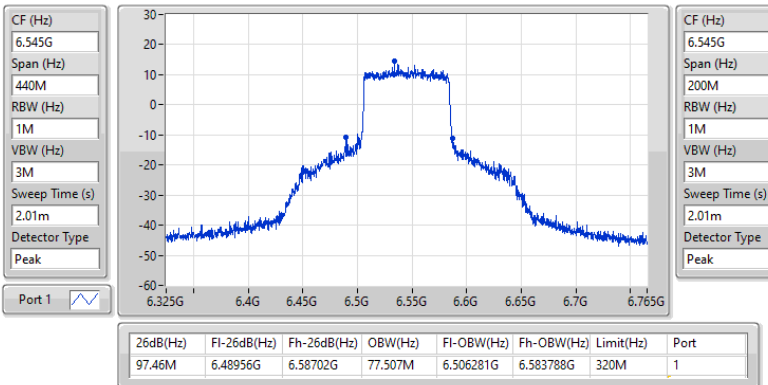

6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6465MHz

04/07/2026

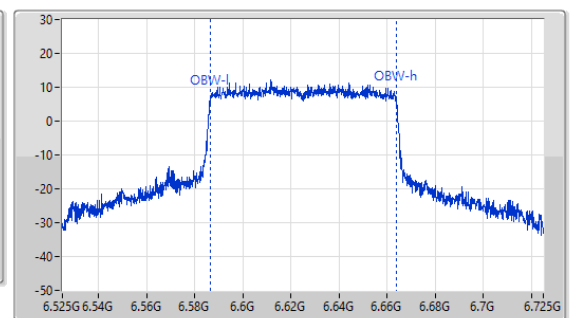
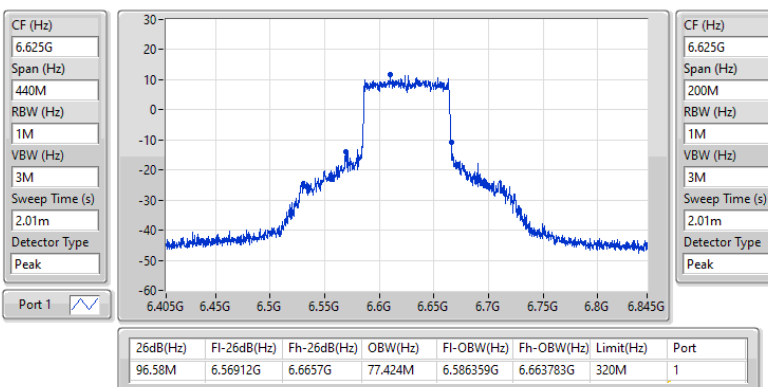


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6545MHz

04/07/2026

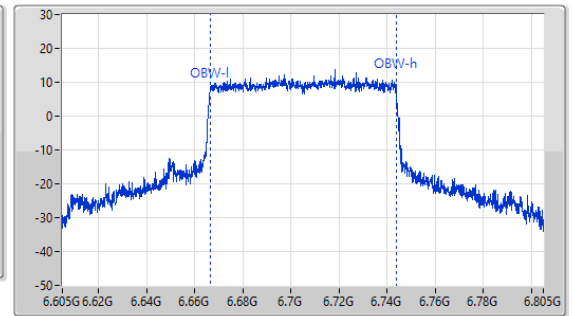
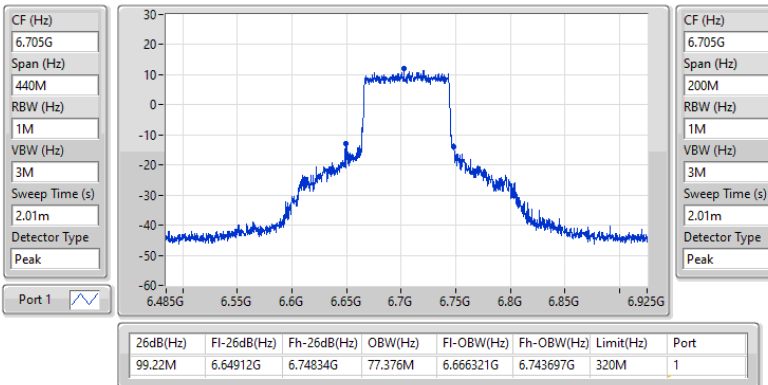

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

04/07/2026

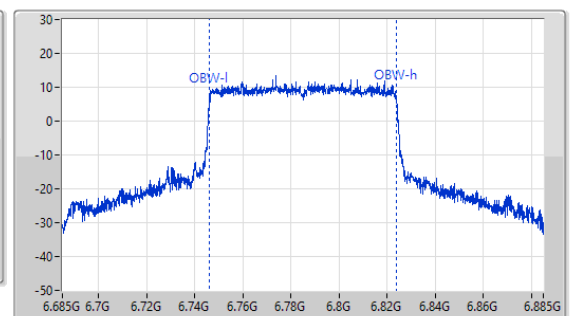
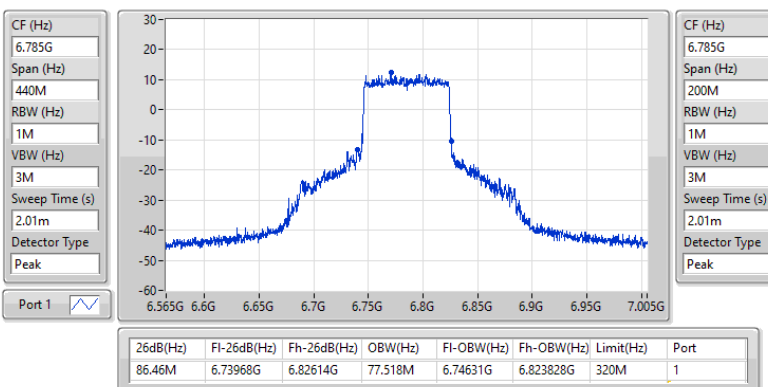


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

04/07/2026

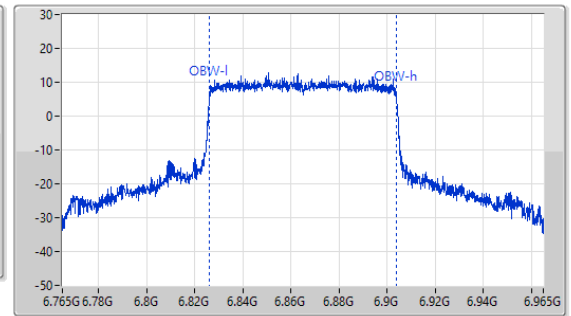
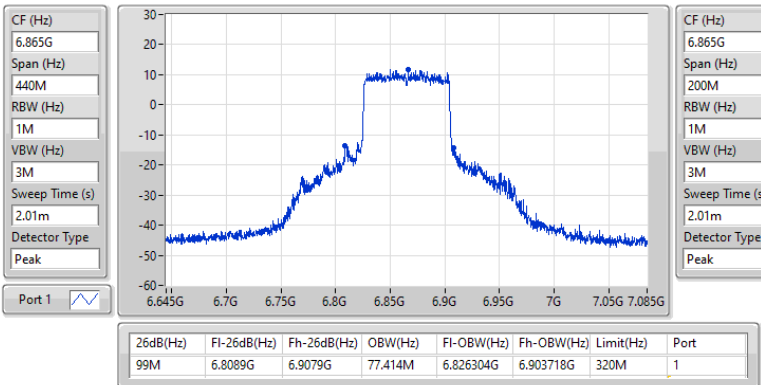

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

04/07/2026

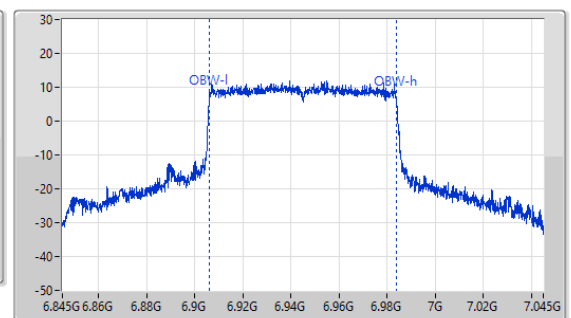
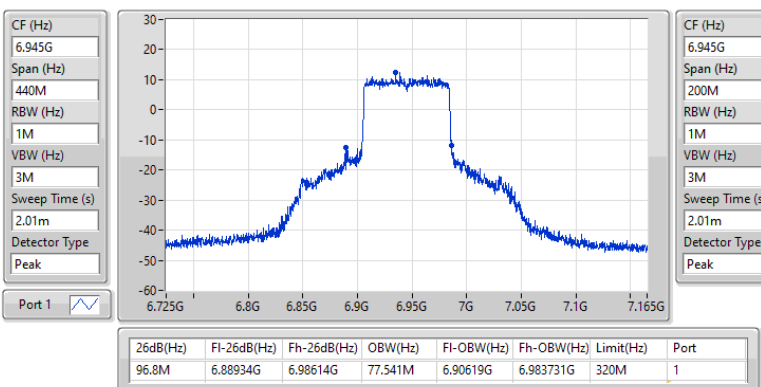


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6865MHz

04/07/2026

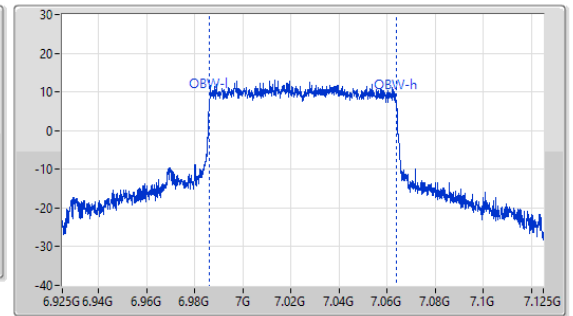
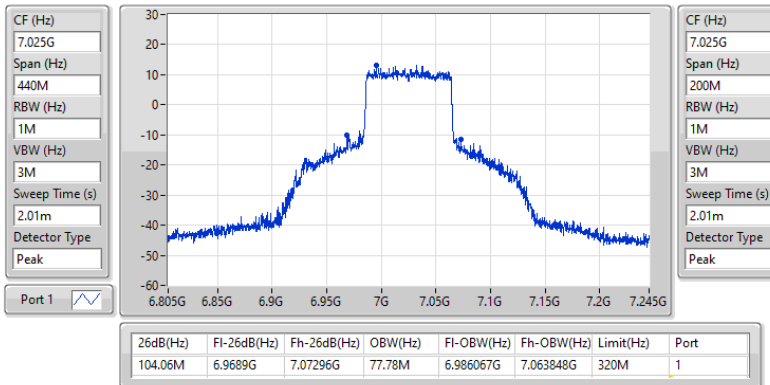

6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6945MHz

04/07/2026

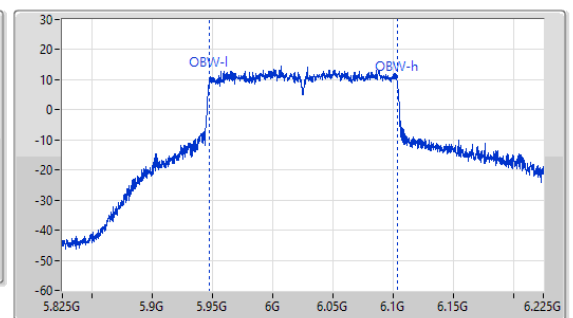
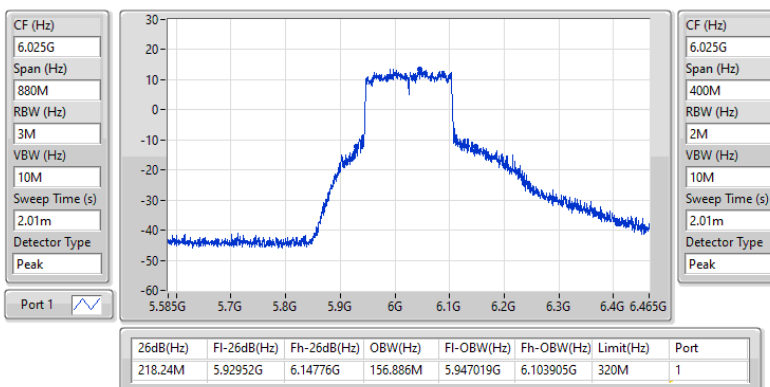


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
7025MHz

04/07/2026

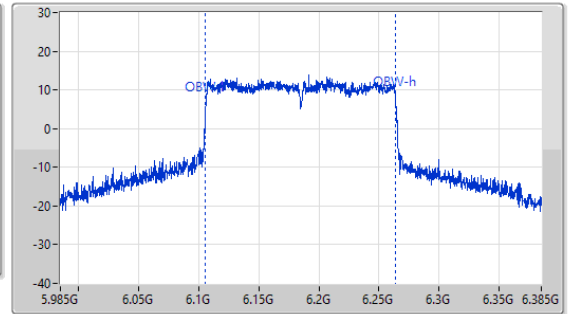
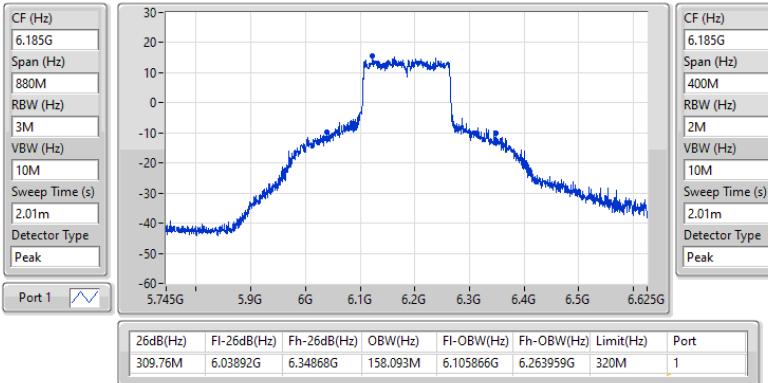

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6025MHz

04/07/2026

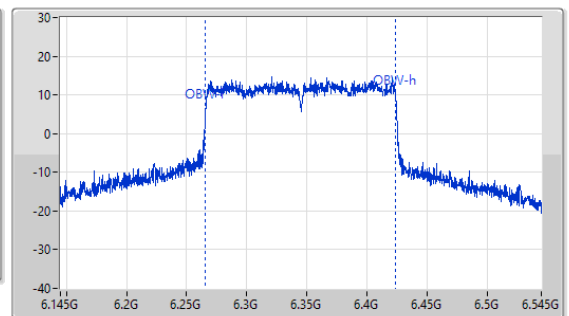
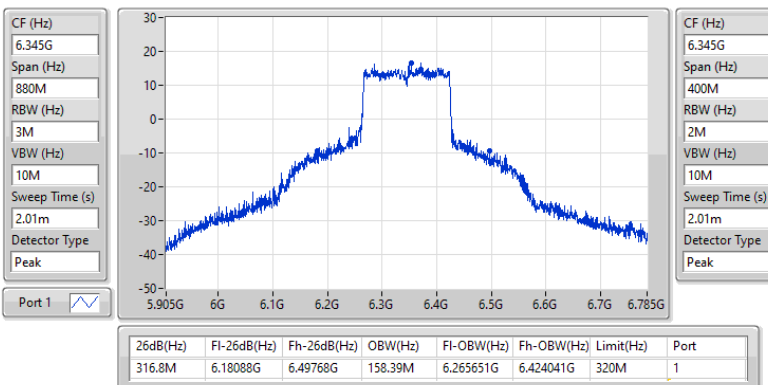


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6185MHz

04/07/2026

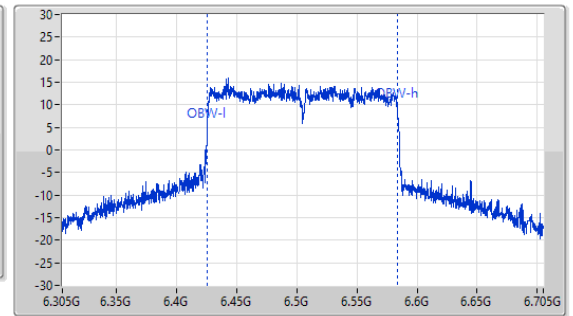
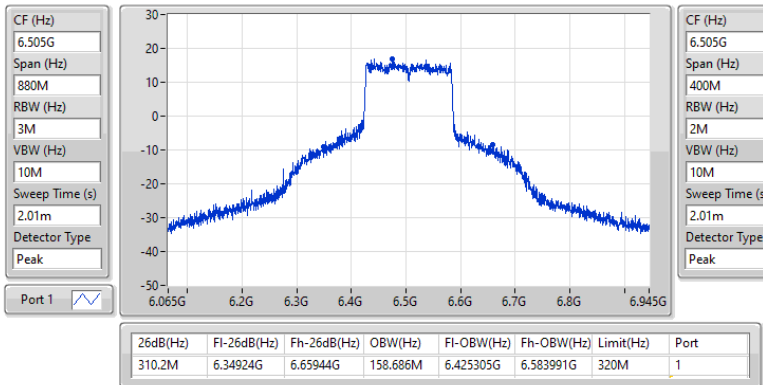

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6345MHz

04/07/2026

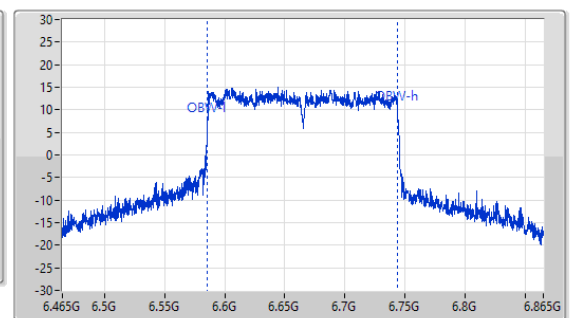
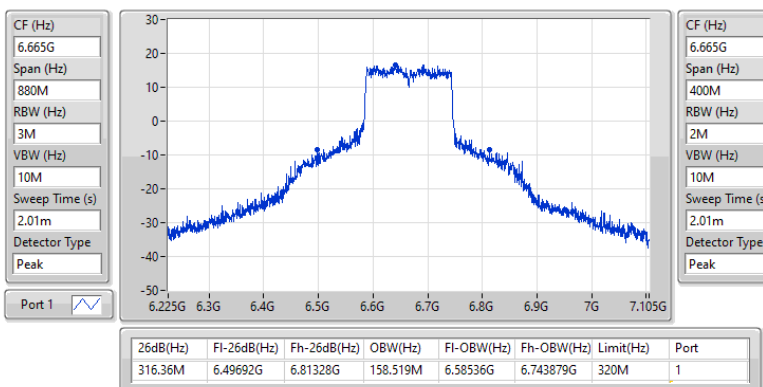


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6505MHz

04/07/2026

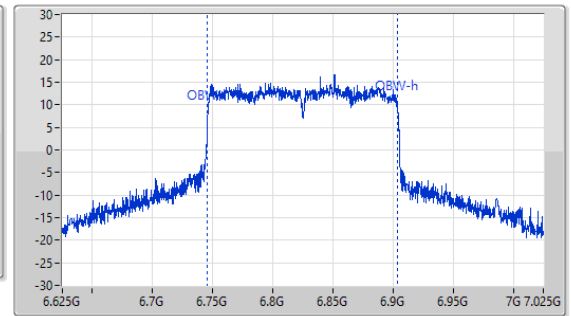
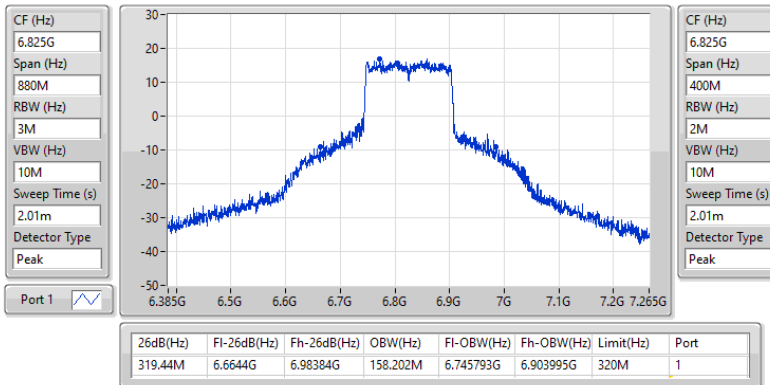

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6665MHz

04/07/2026

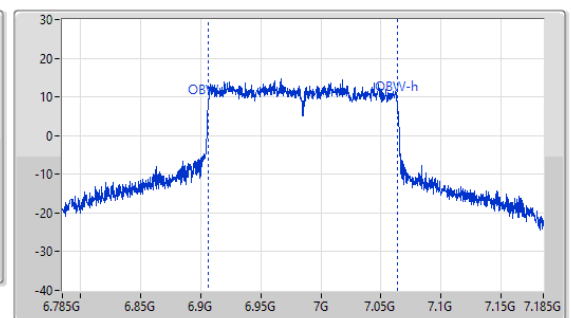
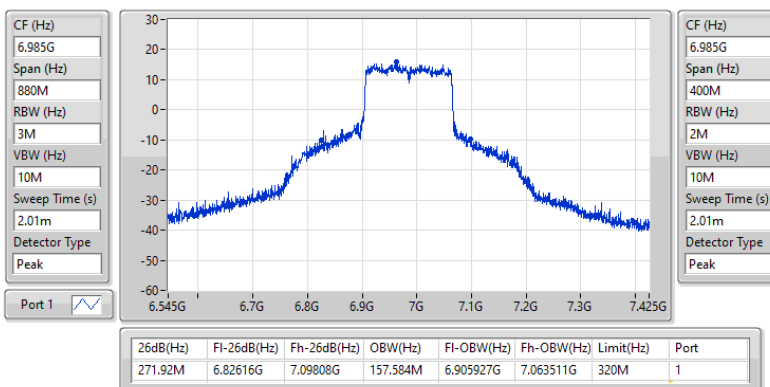


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6825MHz

04/07/2026

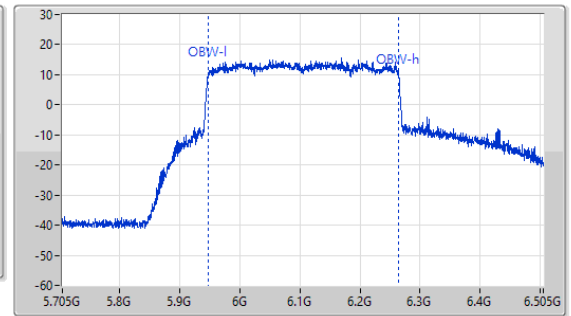
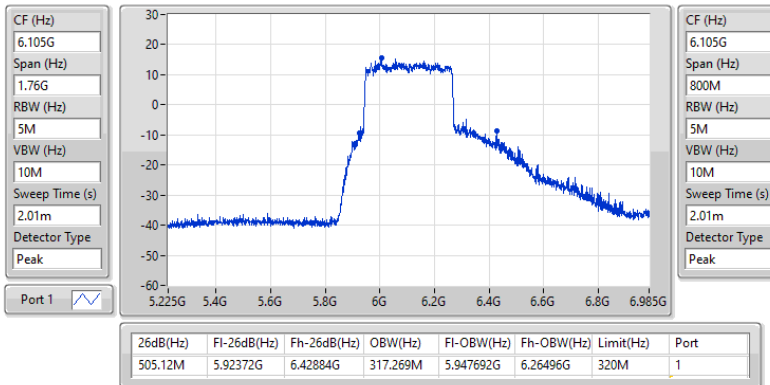

6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6985MHz

04/07/2026

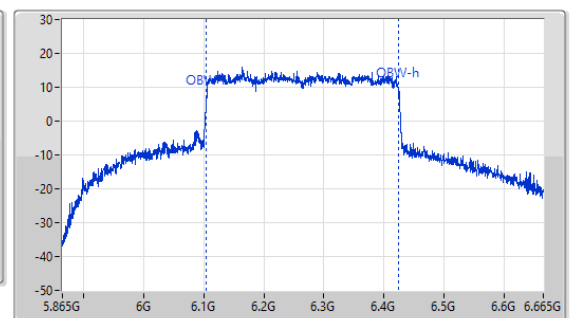
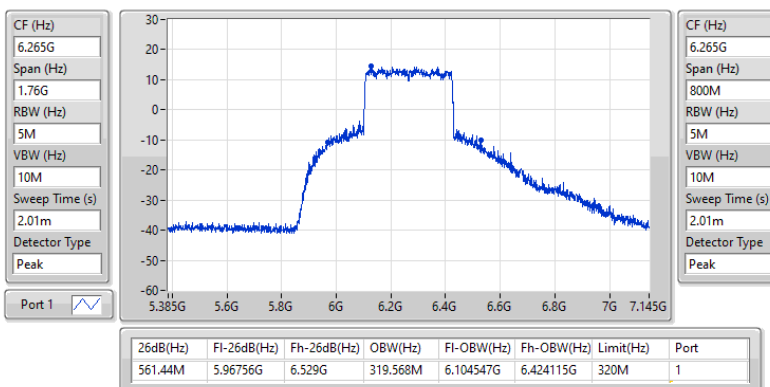


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6105MHz

04/07/2026

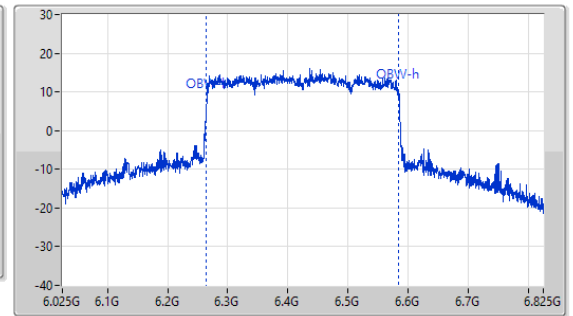
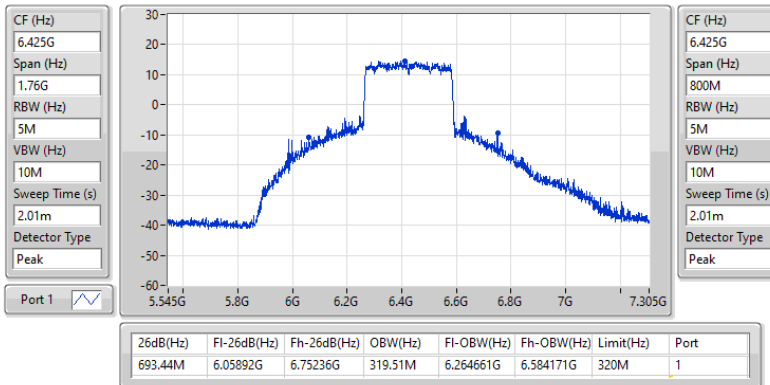

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6265MHz

04/07/2026

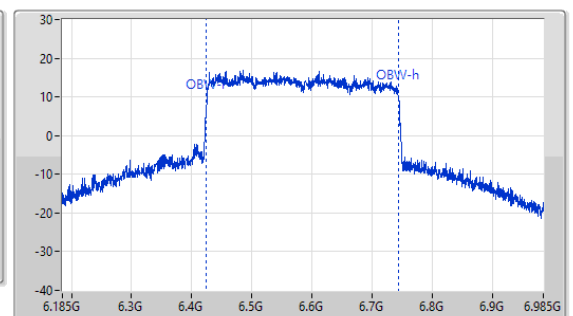
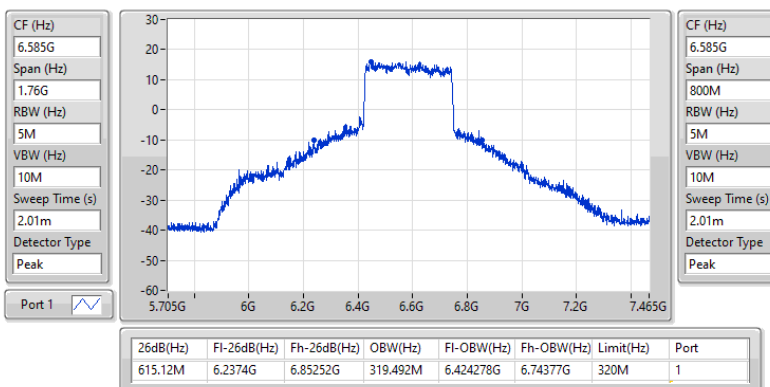


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6425MHz

04/07/2026

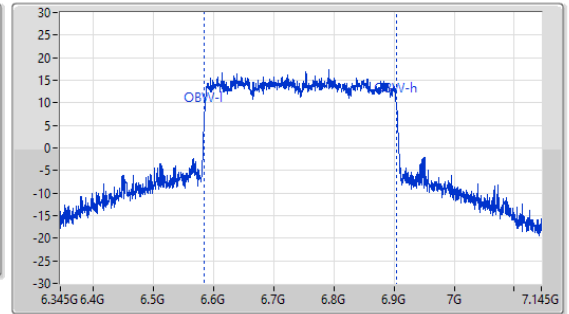
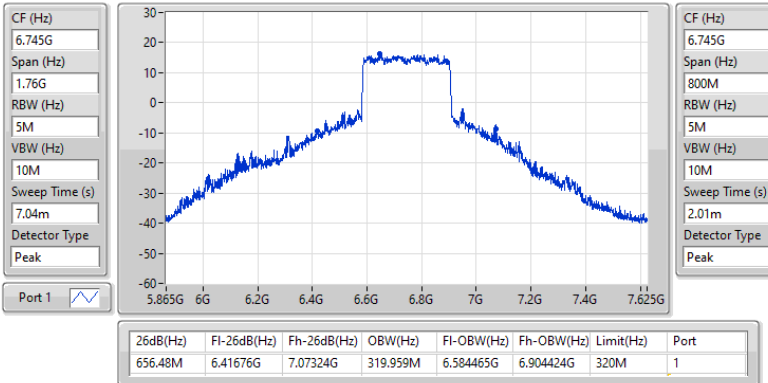

6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6585MHz

04/07/2026

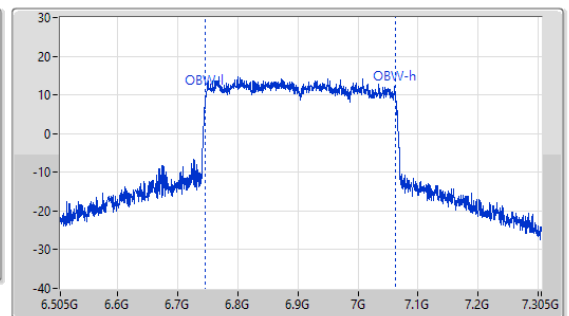
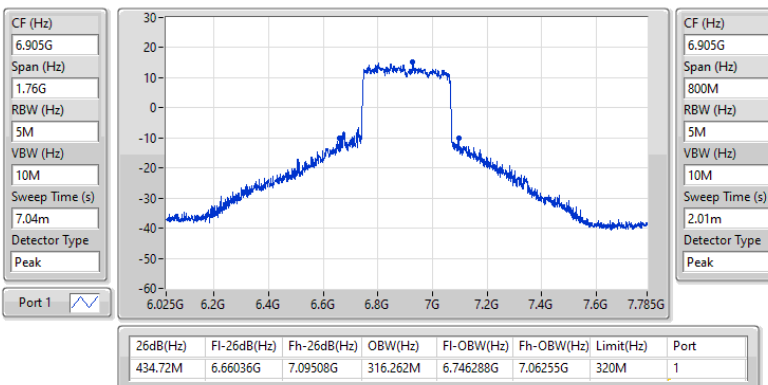


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6745MHz

04/07/2026


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6905MHz

04/07/2026

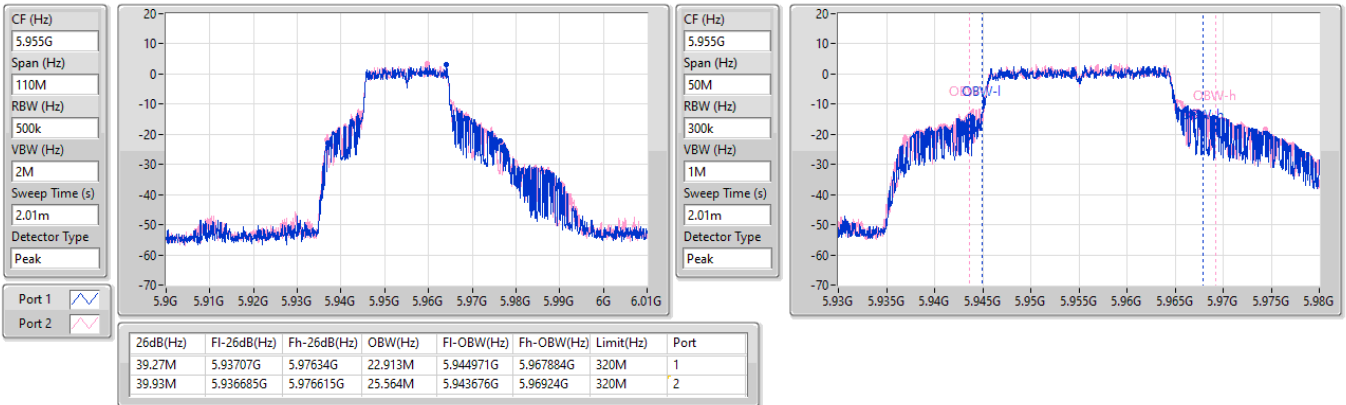


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

04/07/2026

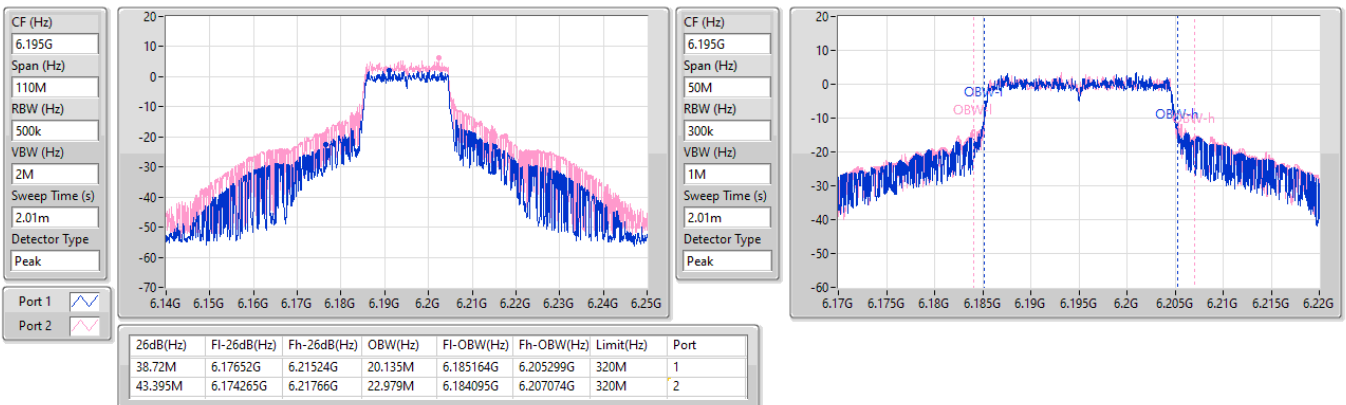


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6195MHz

04/07/2026

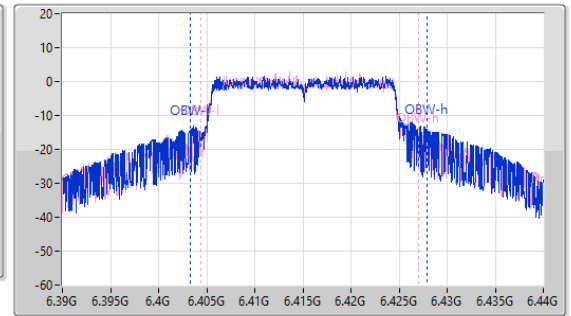
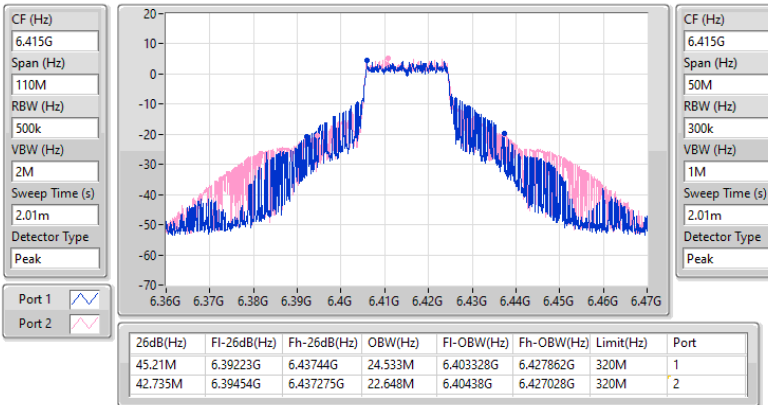


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6415MHz

04/07/2026

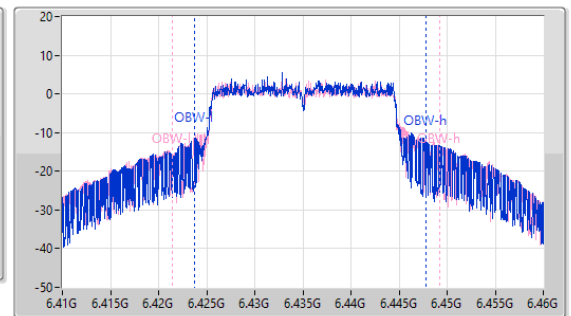
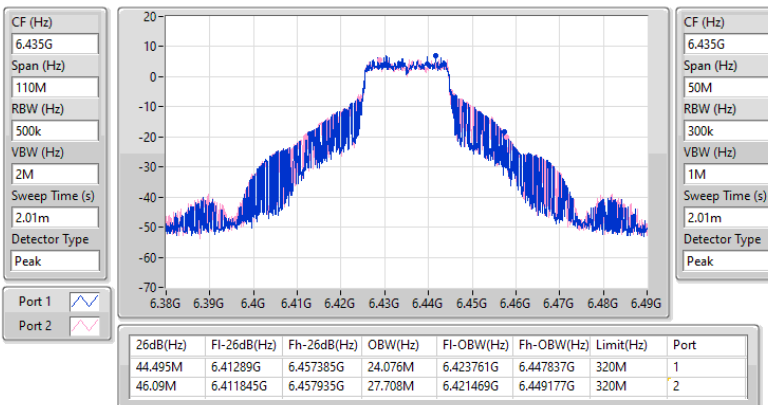


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6435MHz

04/07/2026

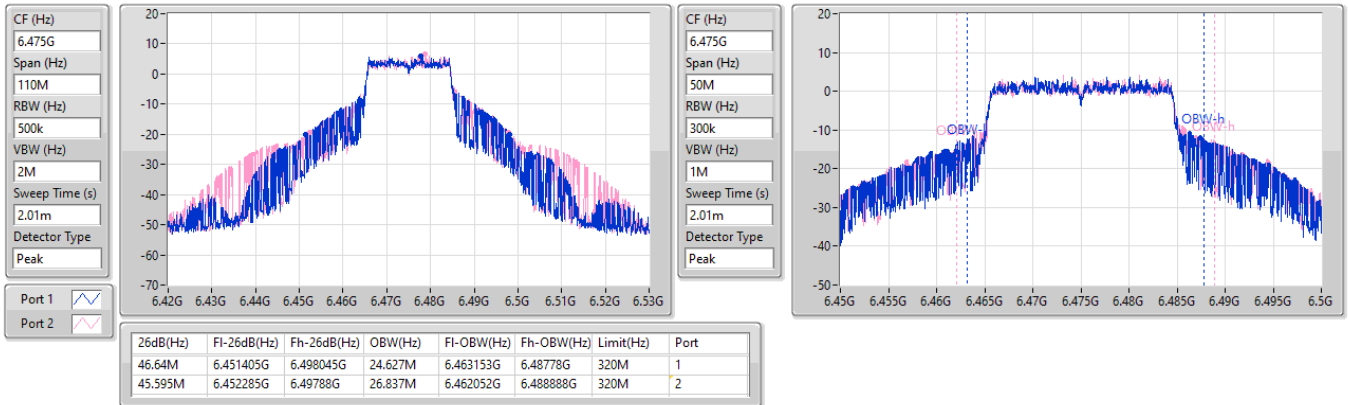


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6475MHz

04/07/2026

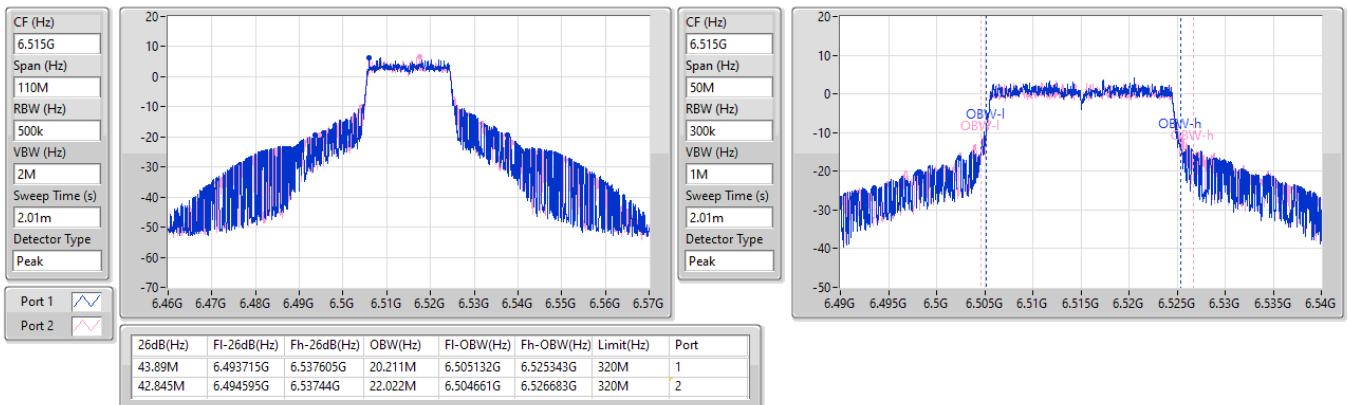


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6515MHz

04/07/2026

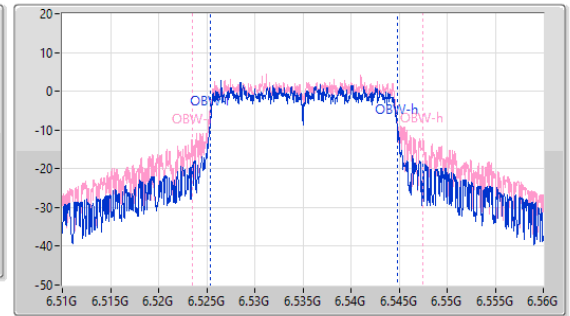
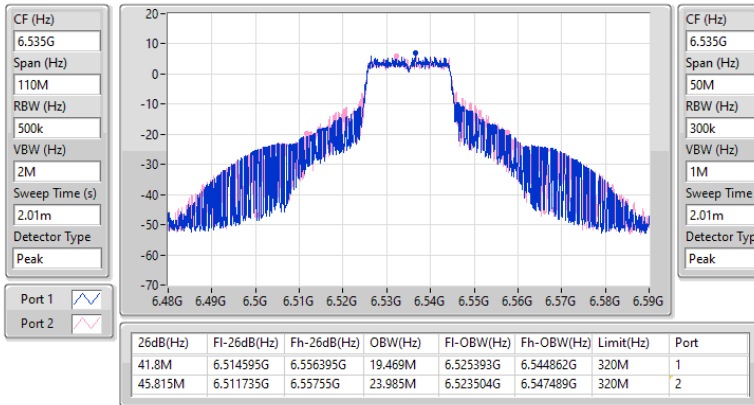


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6535MHz

04/07/2026

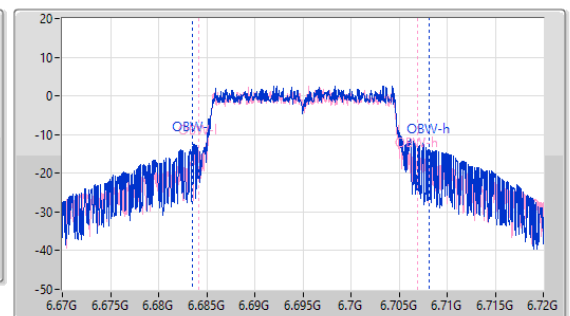
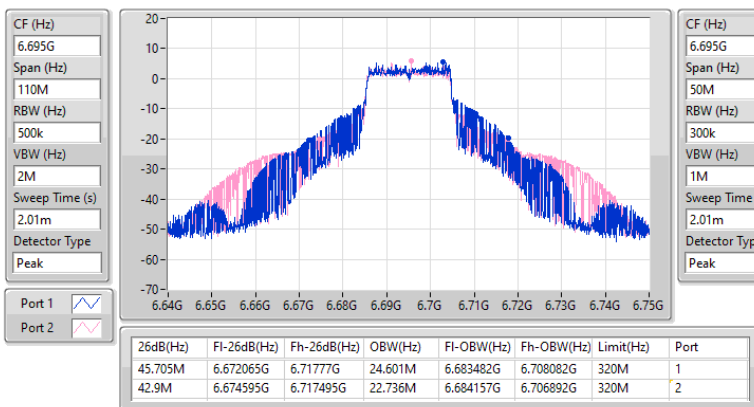


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6695MHz

04/07/2026

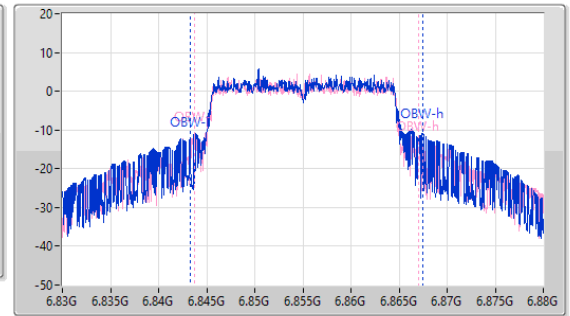
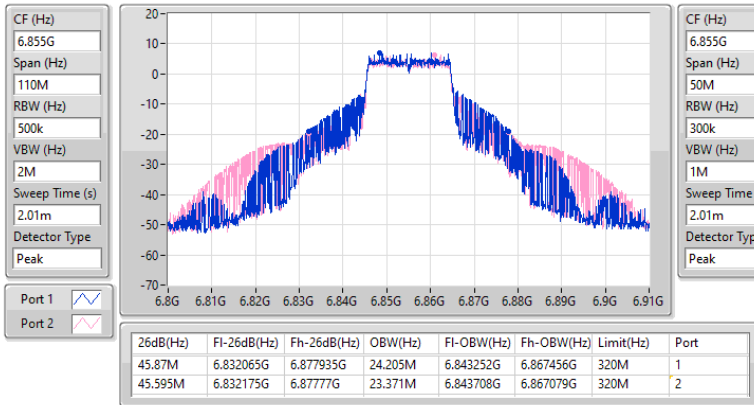


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6855MHz

04/07/2026

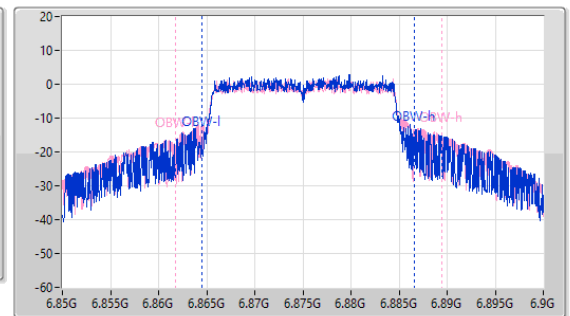
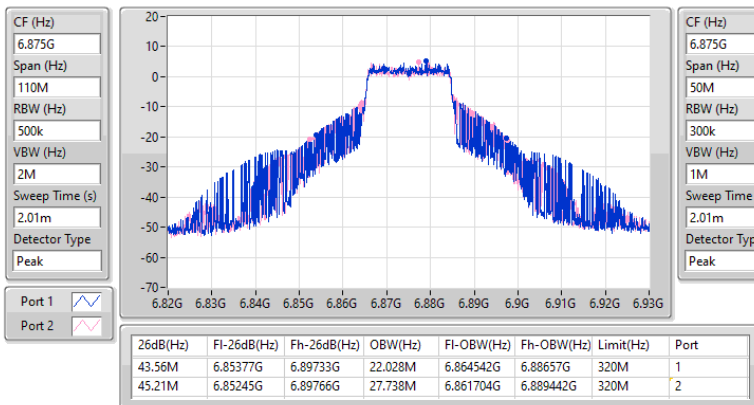


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6875MHz

04/07/2026

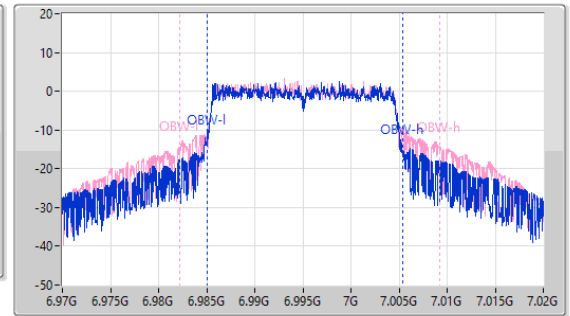
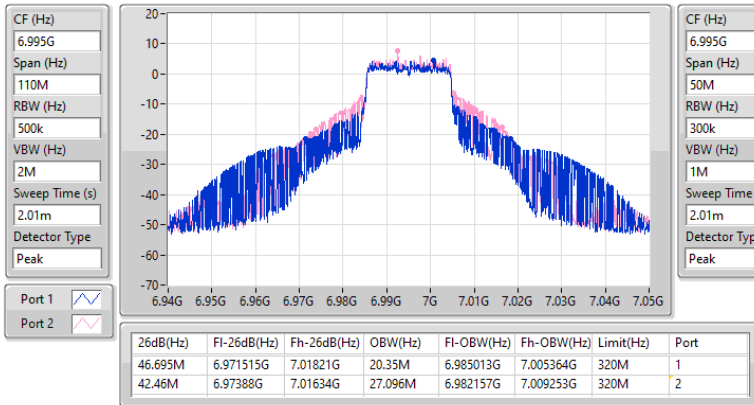


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6995MHz

04/07/2026

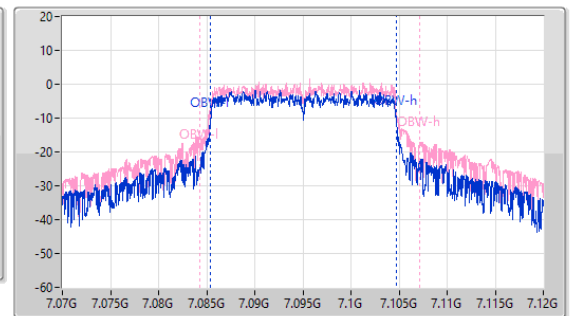
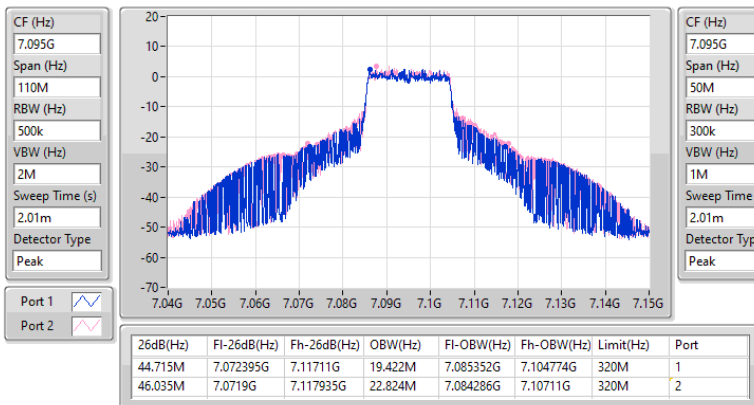


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

7095MHz

04/07/2026

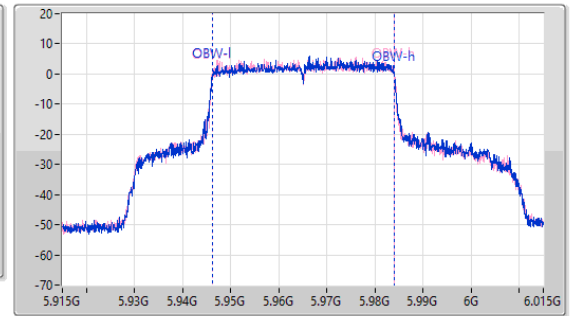
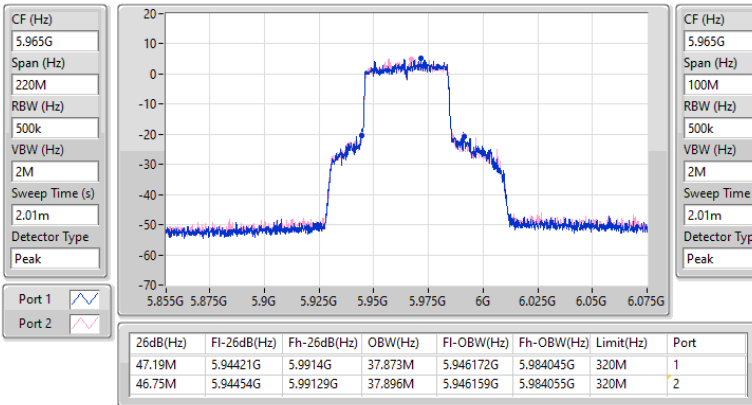


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

04/07/2026

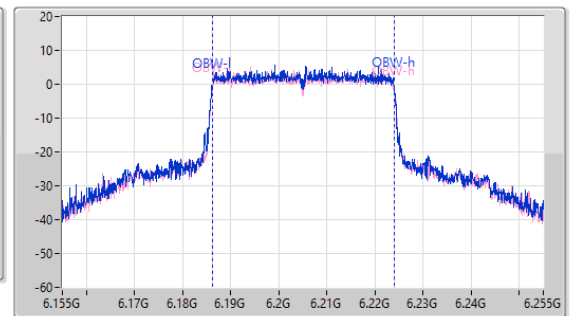
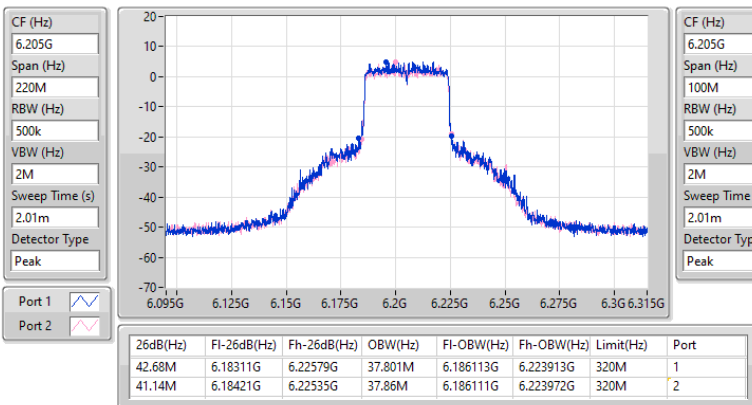


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6205MHz

04/07/2026

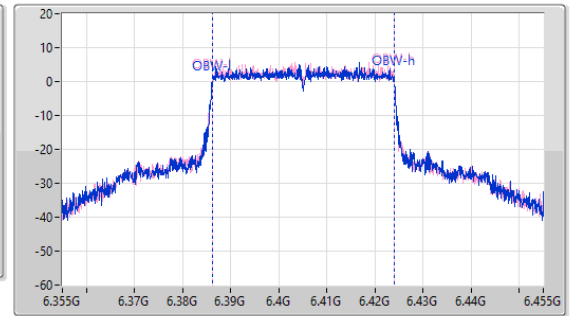
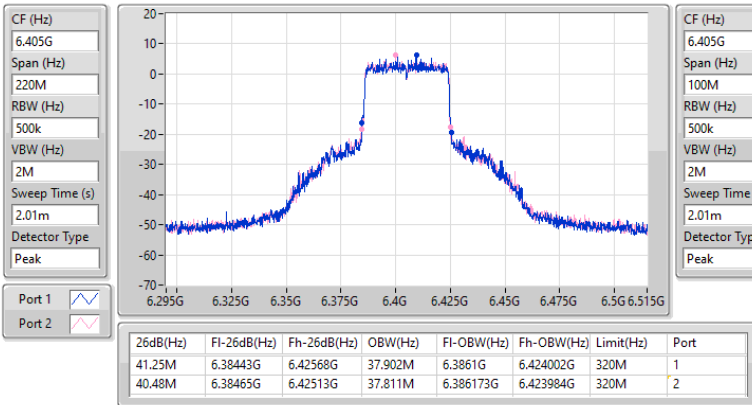


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6405MHz

04/07/2026

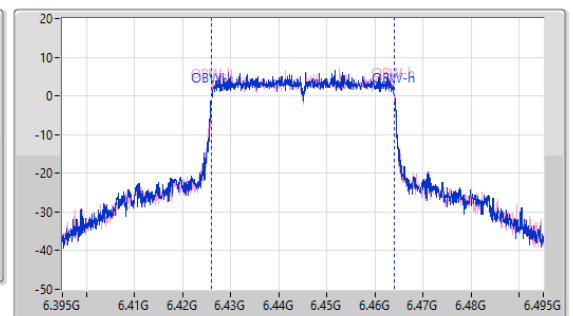
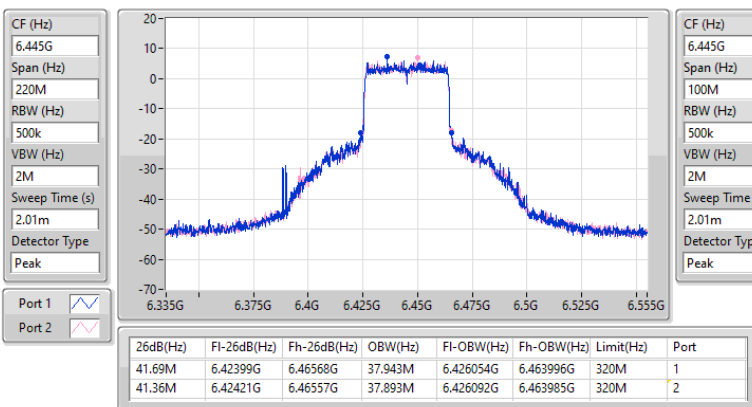


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6445MHz

04/07/2026

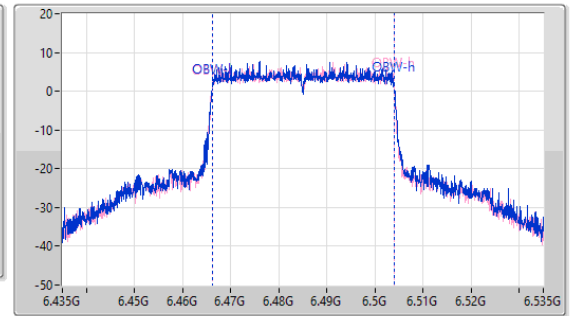
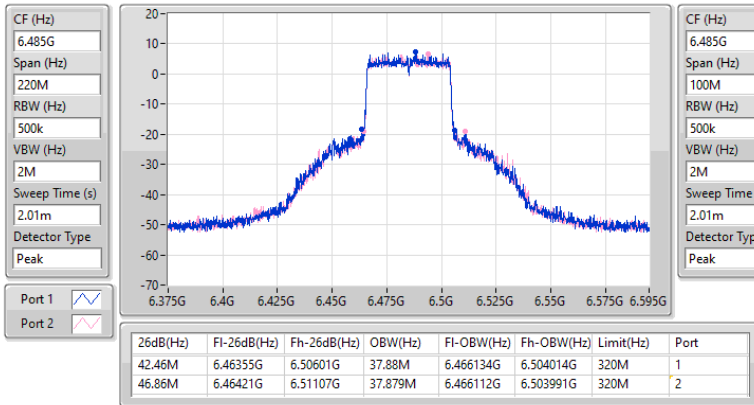


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6485MHz

04/07/2026

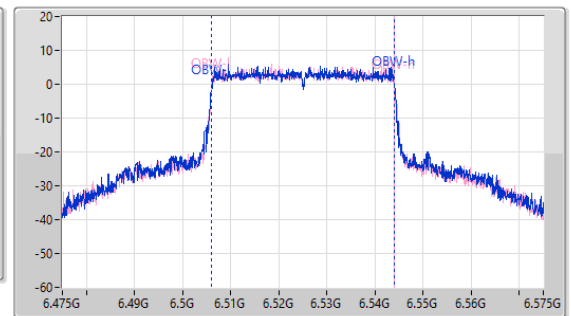
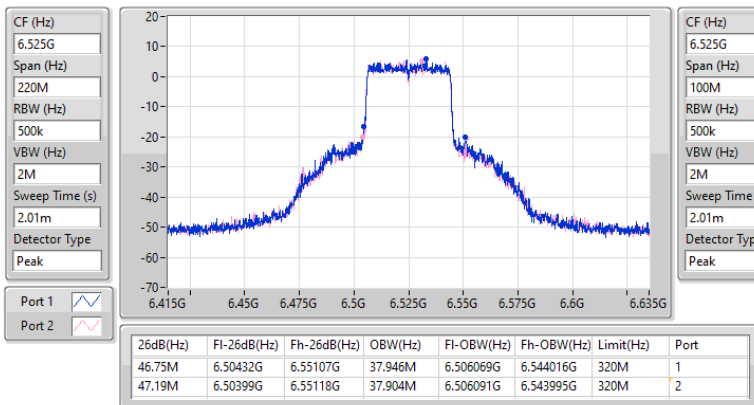


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6525MHz

04/07/2026

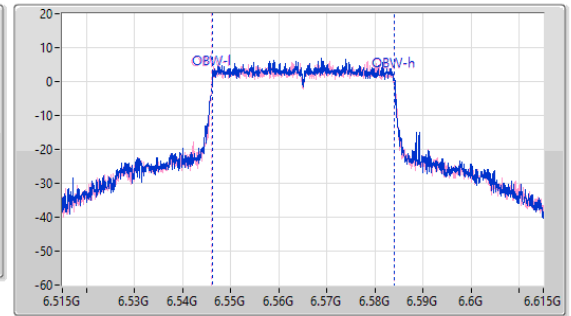
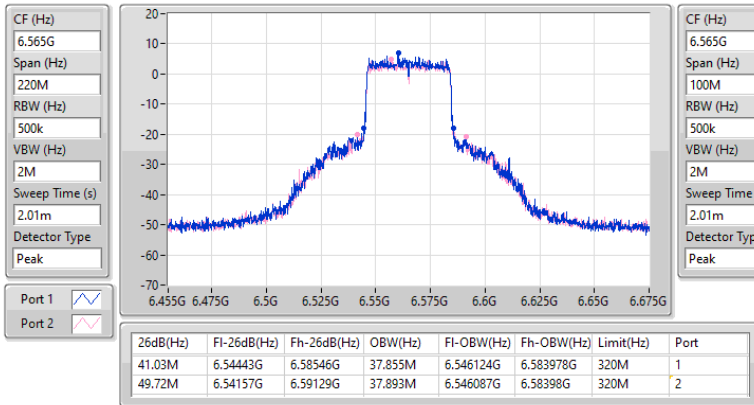


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6565MHz

04/07/2026

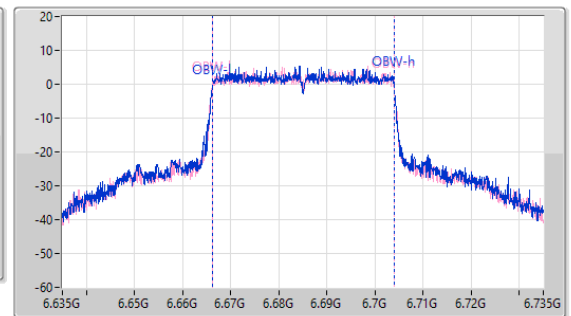
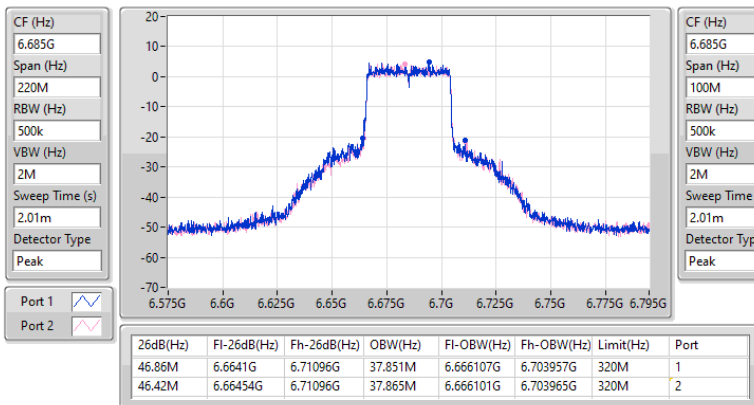


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6685MHz

04/07/2026

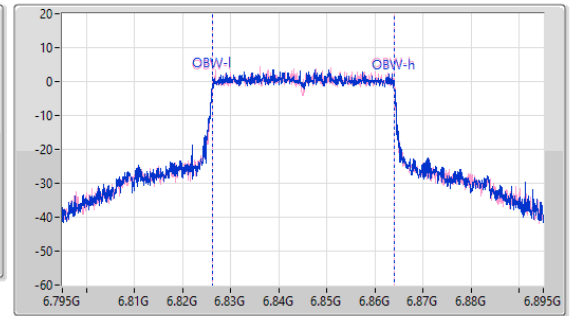
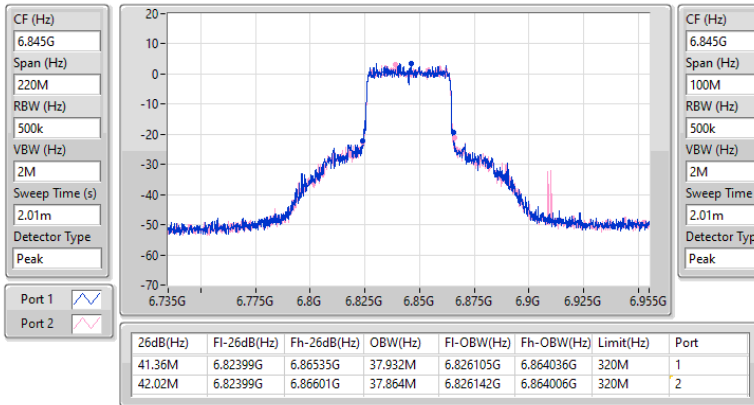


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6845MHz

04/07/2026

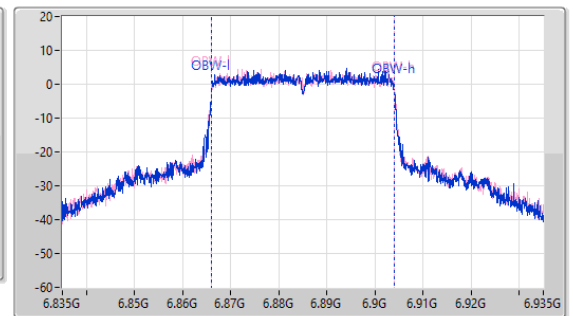
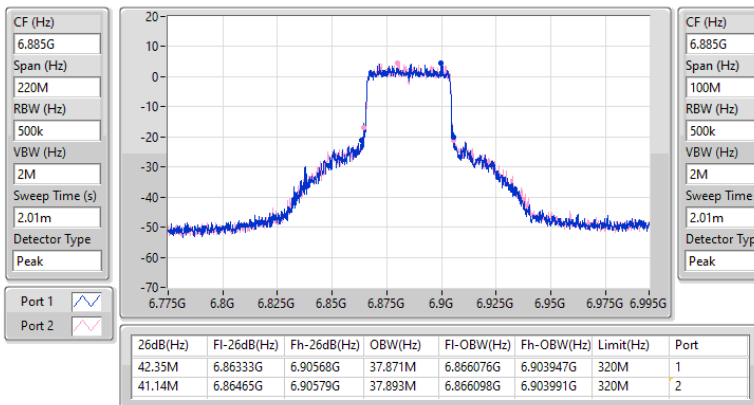


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6885MHz

04/07/2026

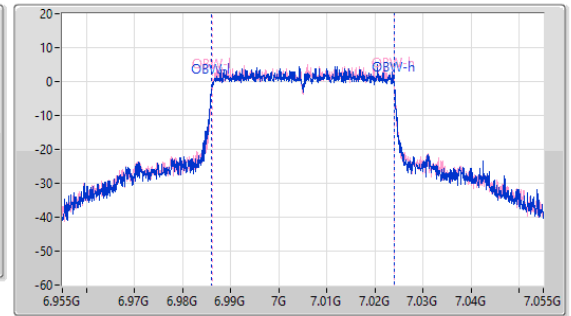
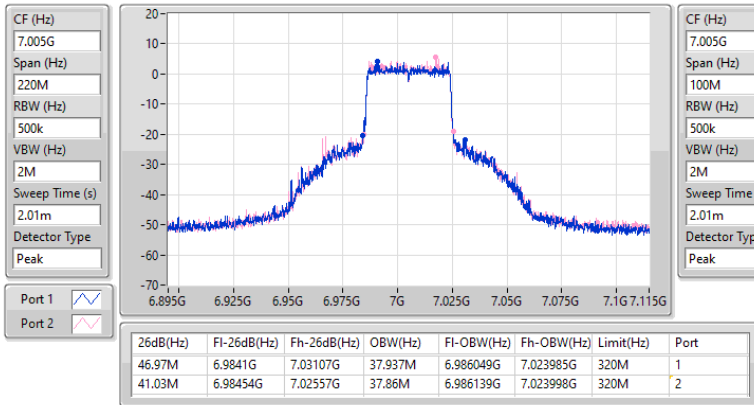


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

7005MHz

04/07/2026

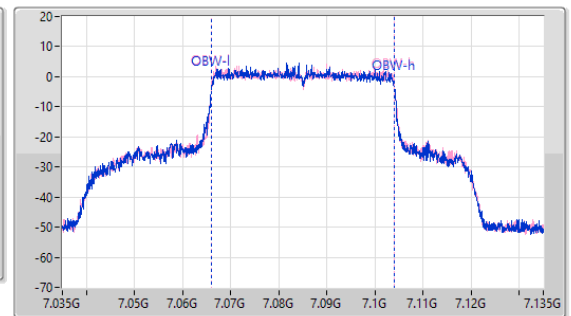
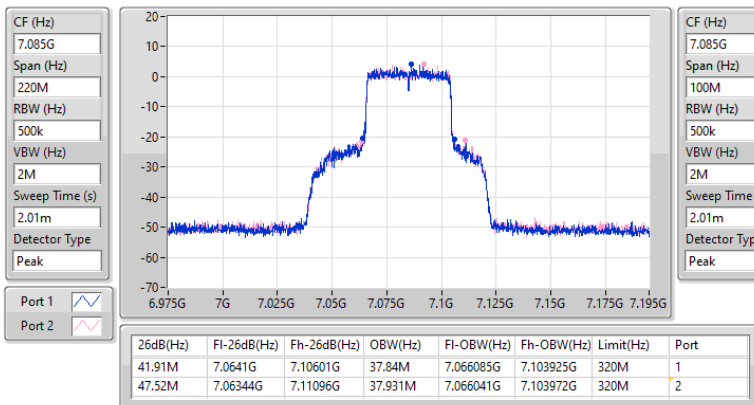


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

7085MHz

04/07/2026

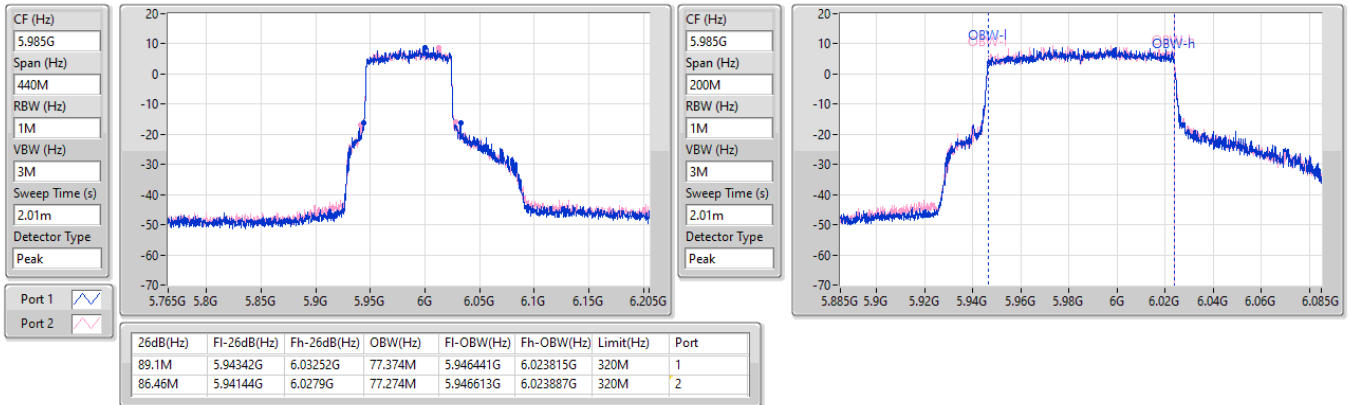


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5985MHz

04/07/2026

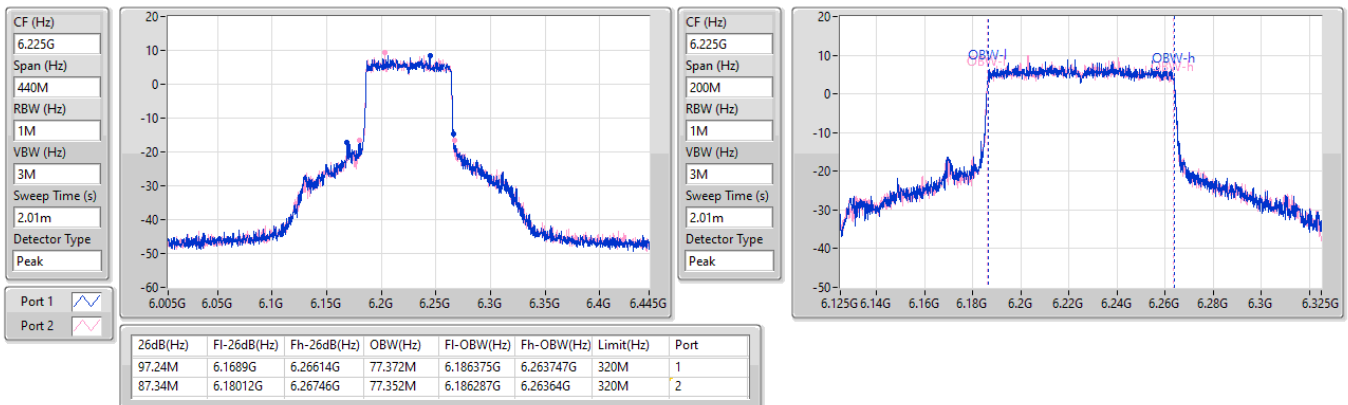


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

04/07/2026

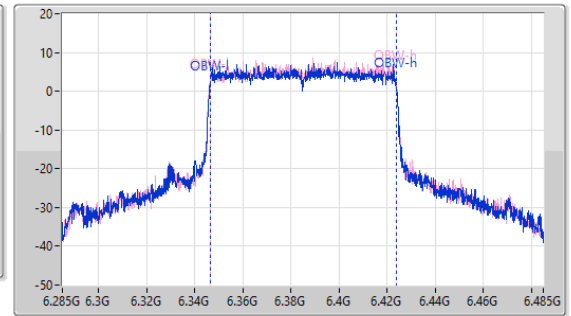
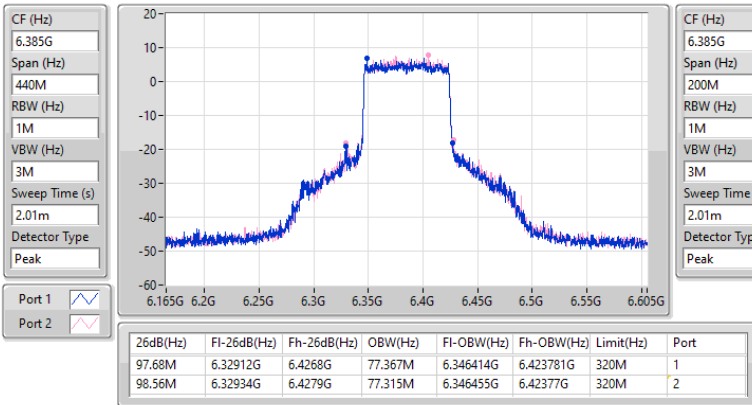


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6385MHz

04/07/2026

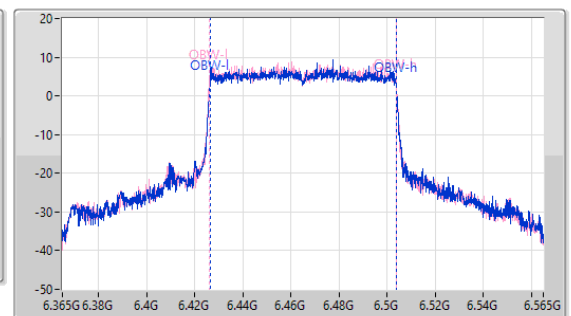
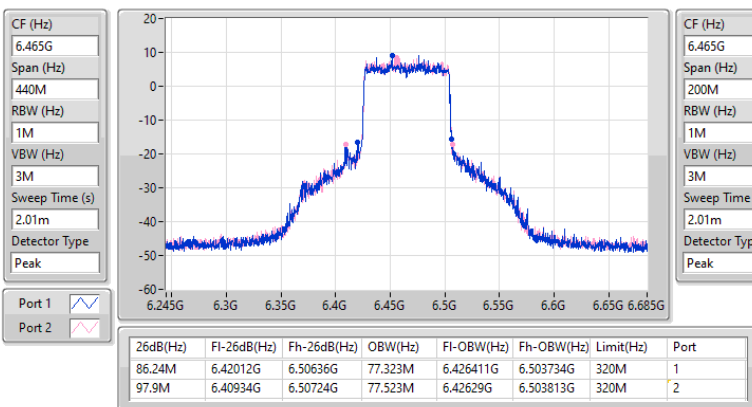


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6465MHz

04/07/2026

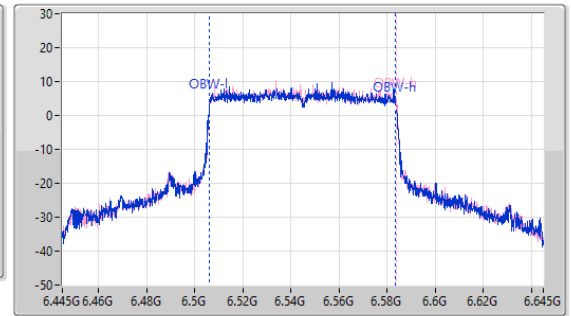
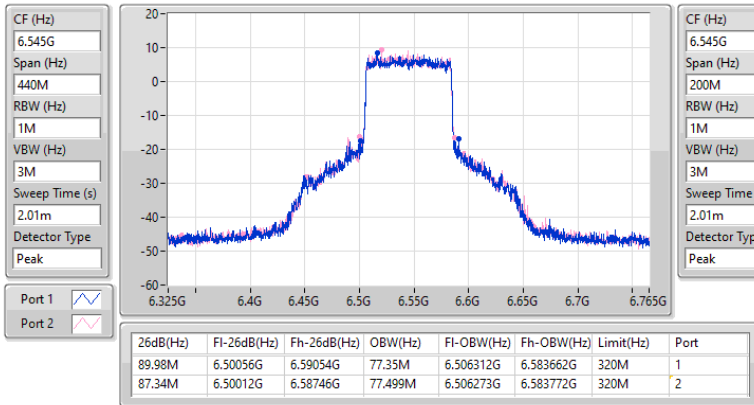


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6545MHz

04/07/2026

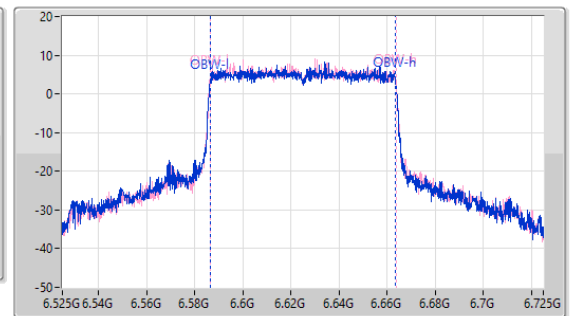
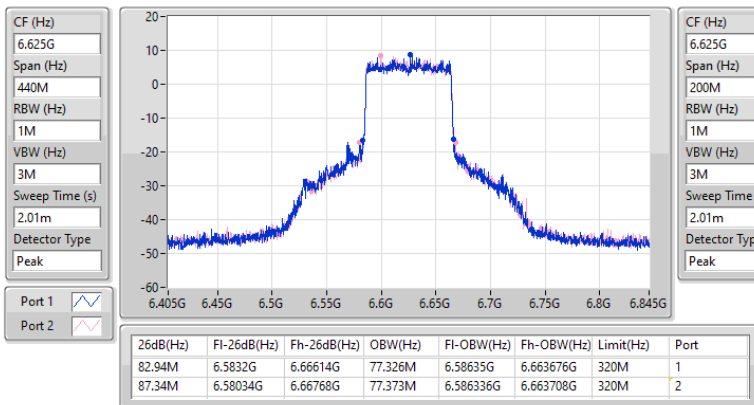


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6625MHz

04/07/2026

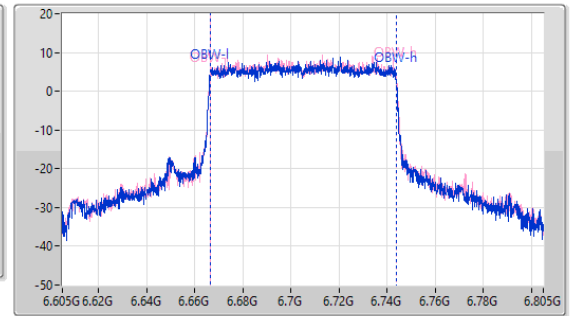
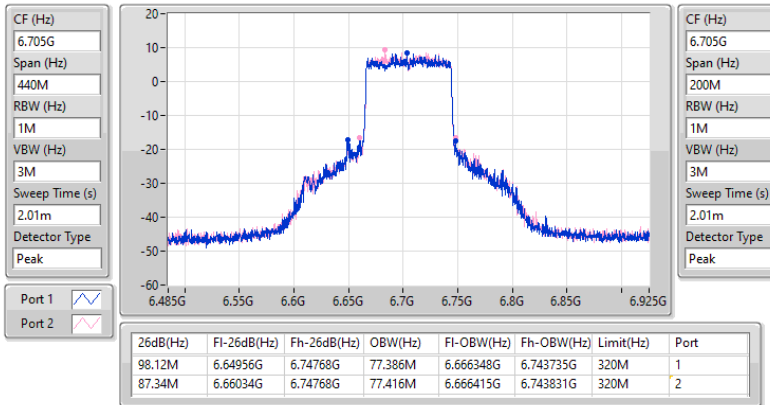


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

04/07/2026

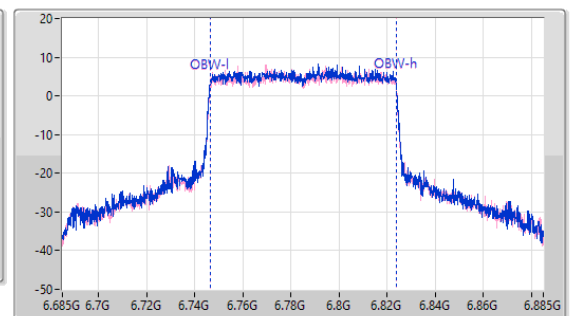
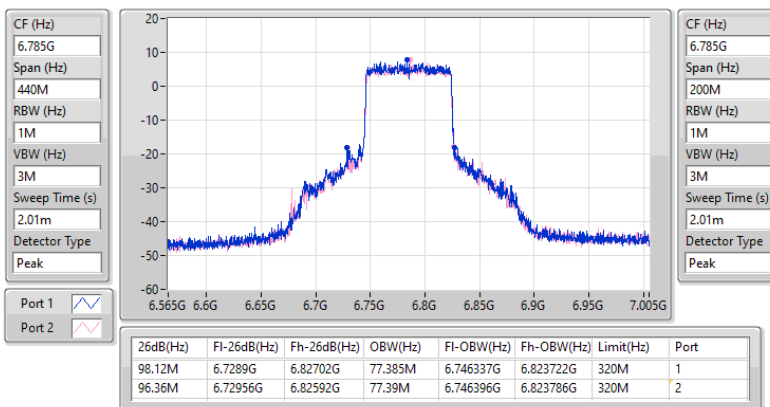


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

04/07/2026

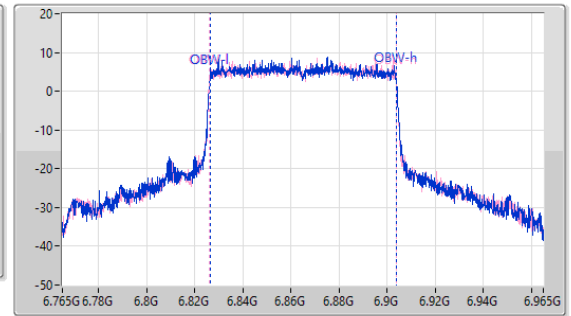
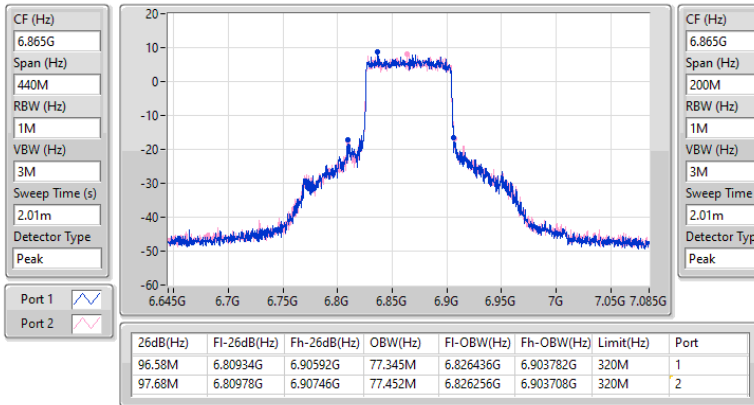


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6865MHz

04/07/2026

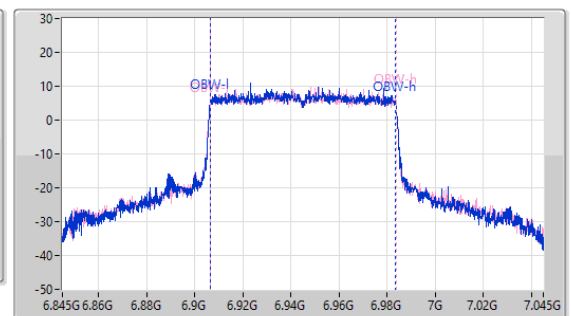
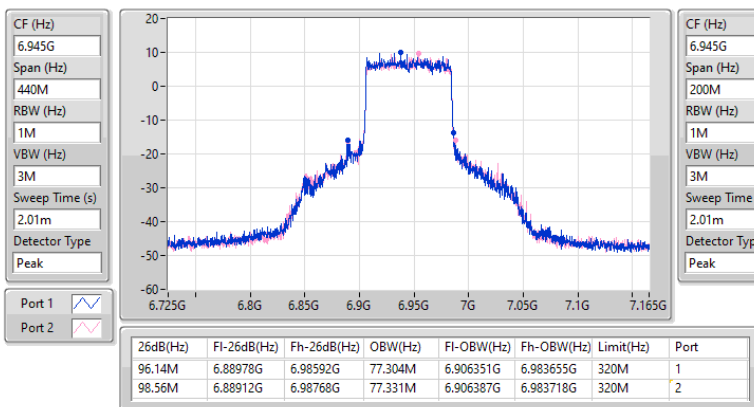


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6945MHz

04/07/2026

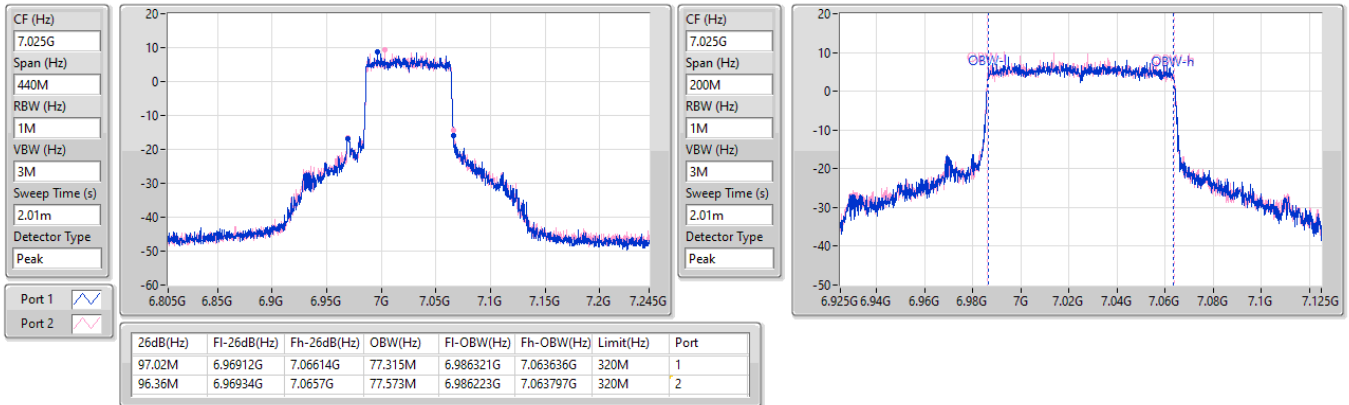


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

7025MHz

04/07/2026

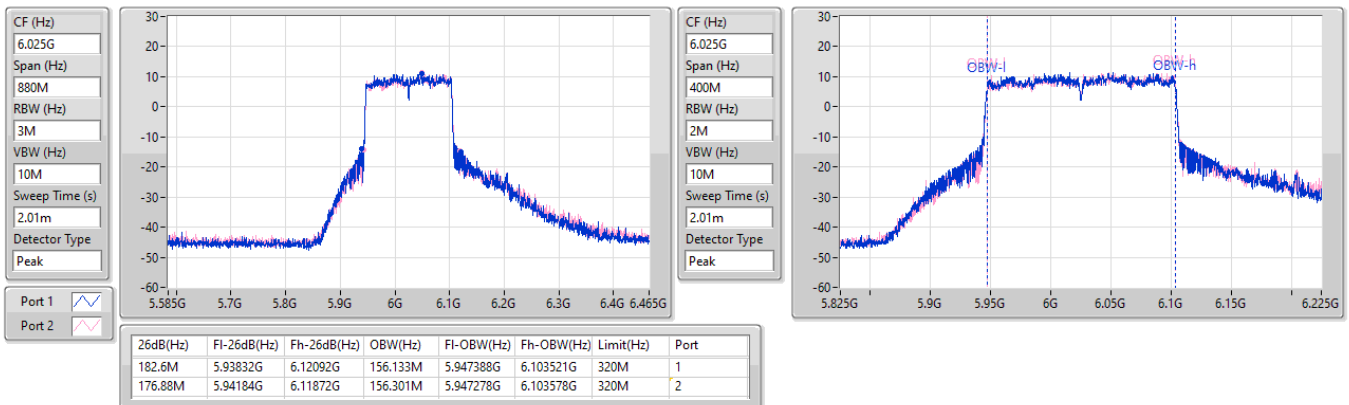


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6025MHz

04/07/2026

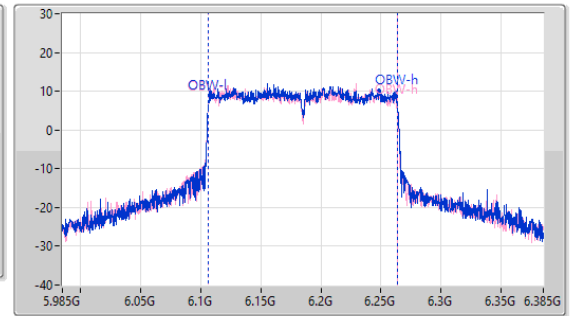
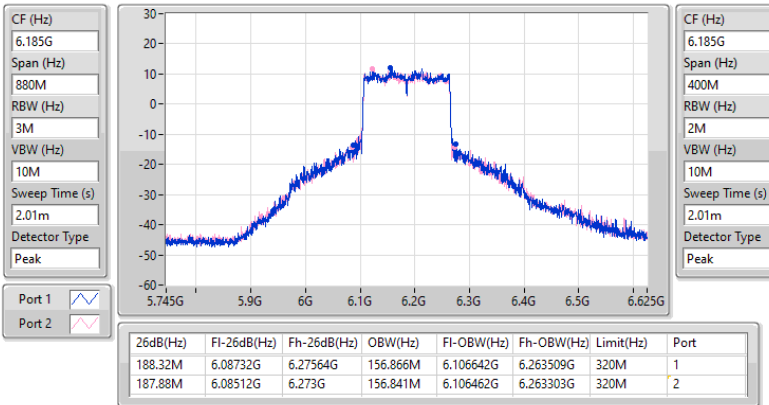


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6185MHz

04/07/2026

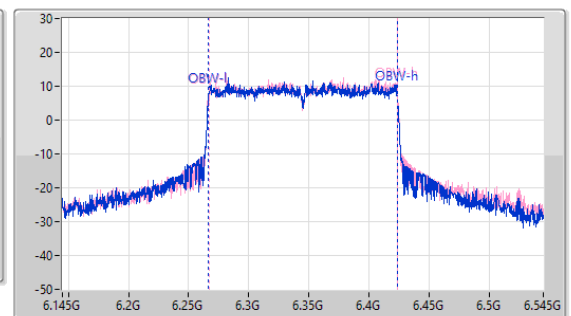
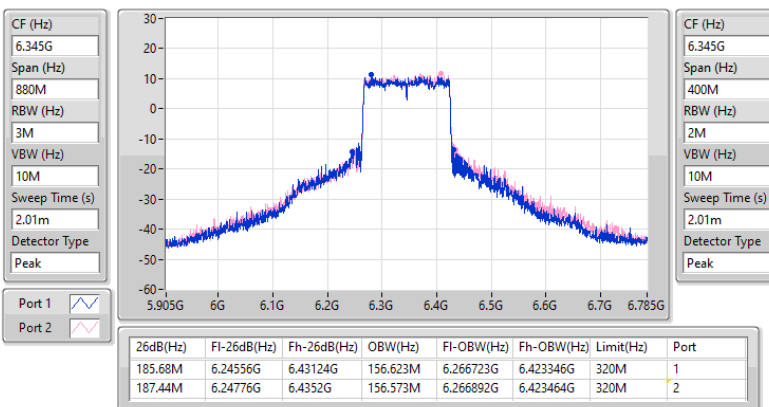


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6345MHz

04/07/2026

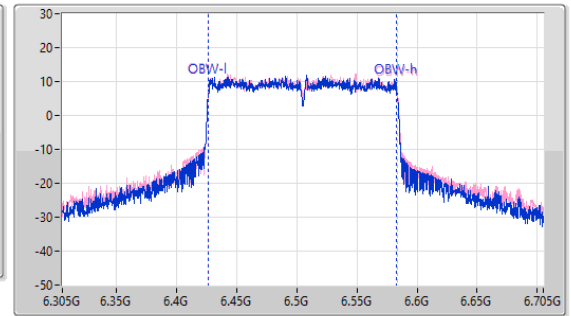
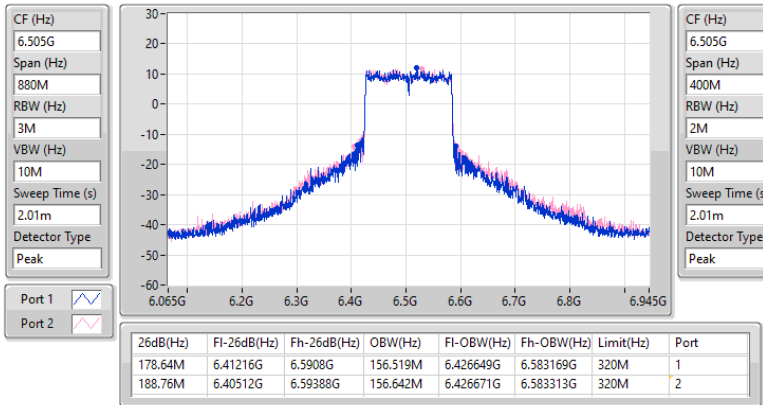


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6505MHz

04/07/2026

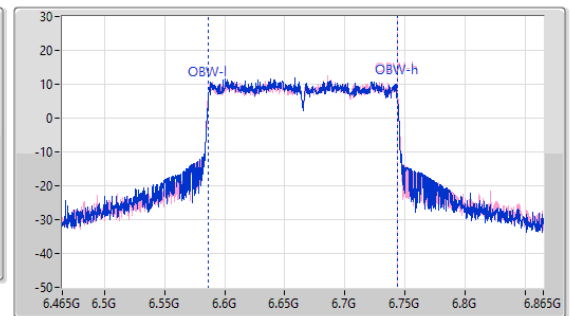
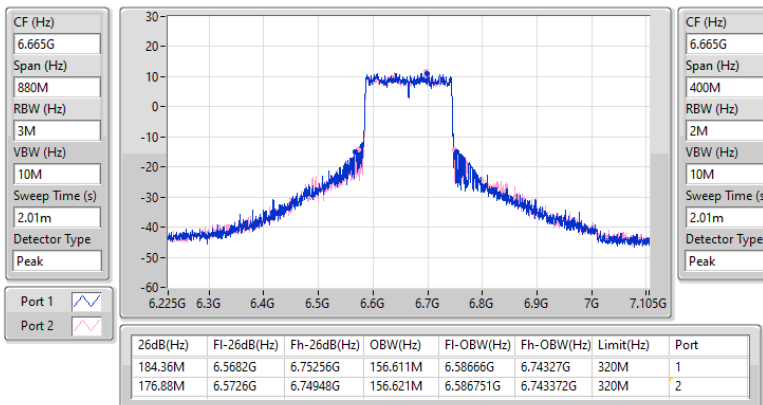


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

04/07/2026

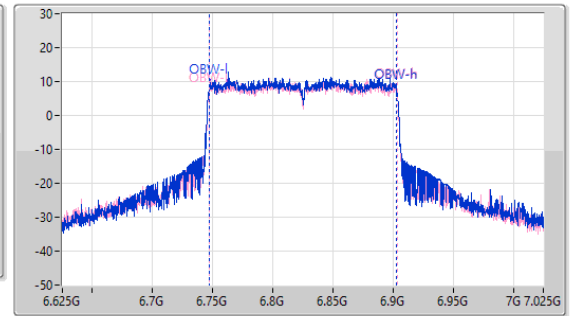
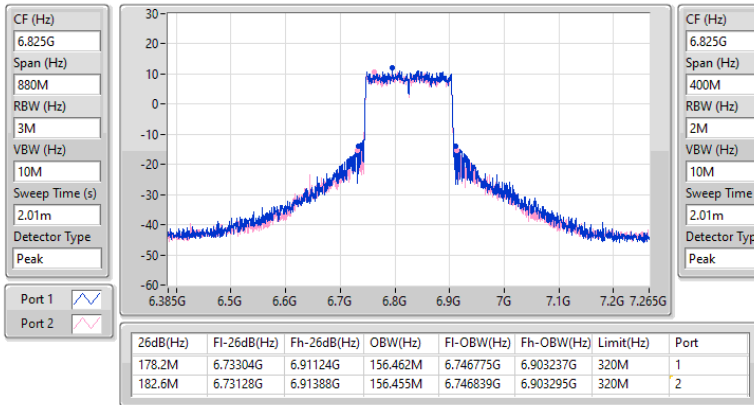


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6825MHz

04/07/2026

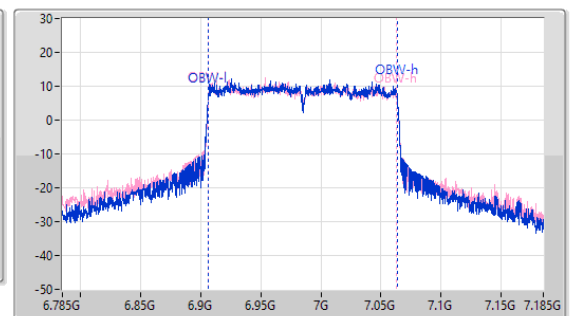
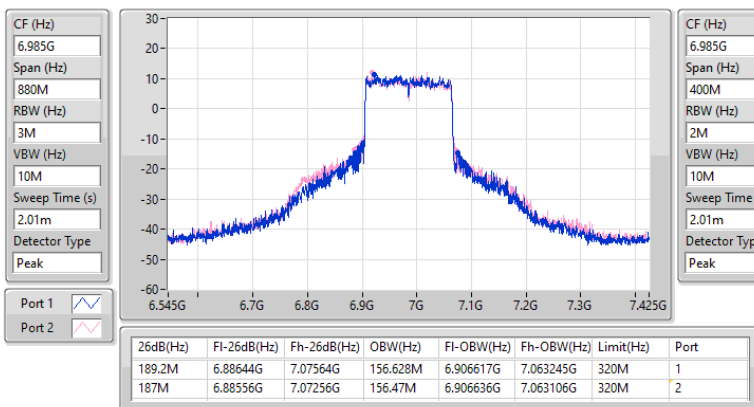


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6985MHz

04/07/2026

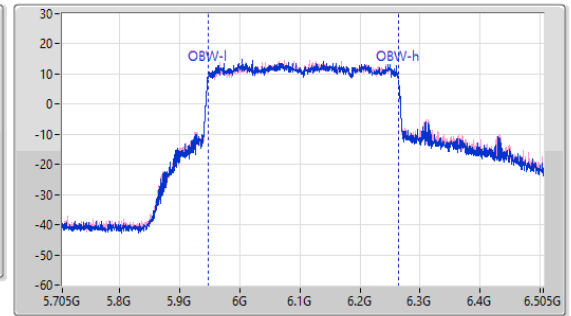
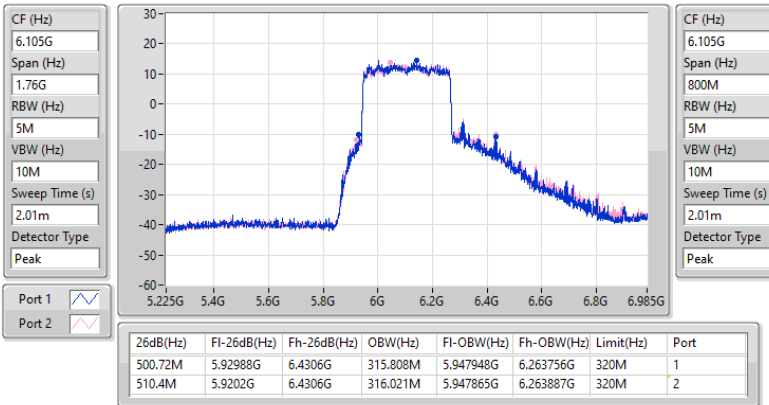


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

04/07/2026

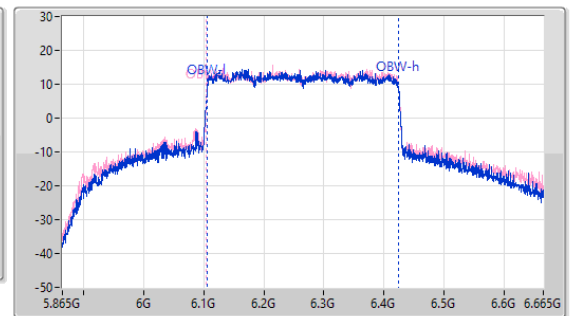
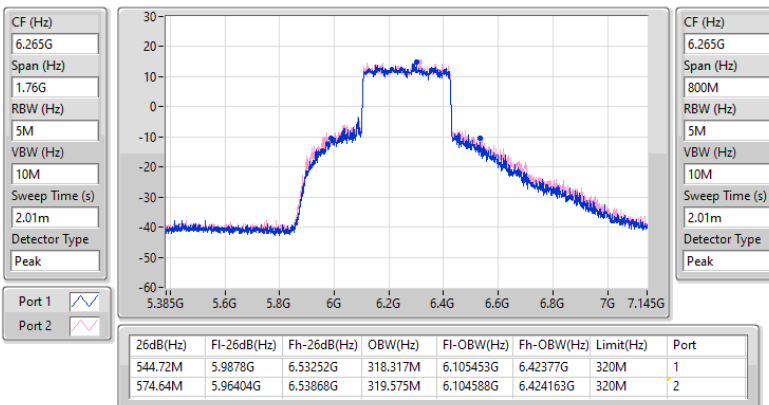


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

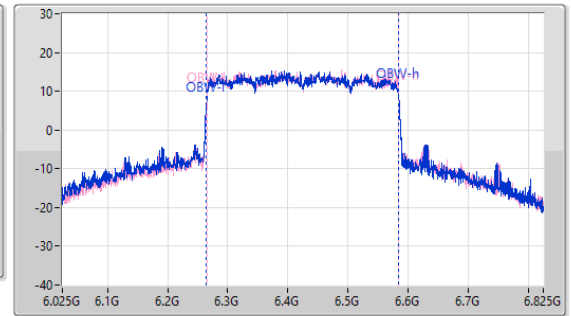
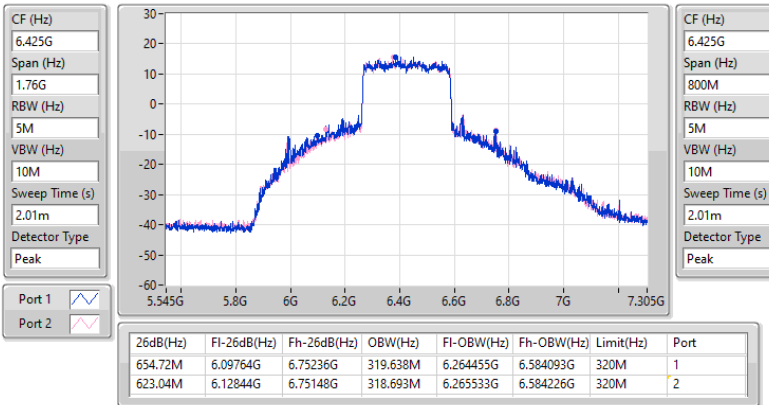
6265MHz

04/07/2026

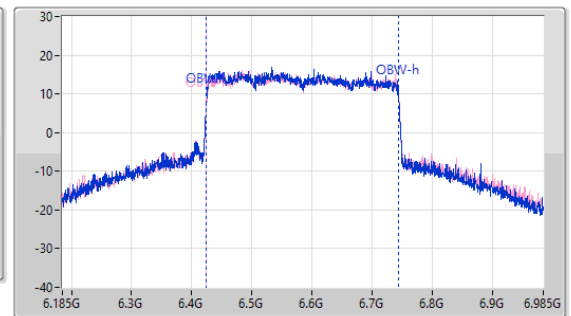
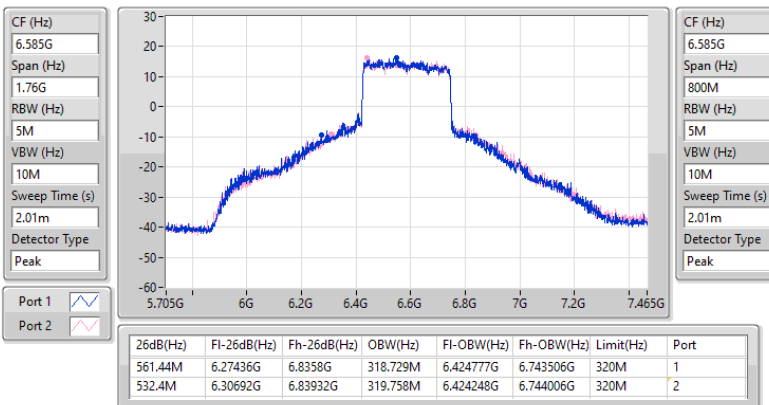


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6425MHz

04/07/2026


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6585MHz

04/07/2026

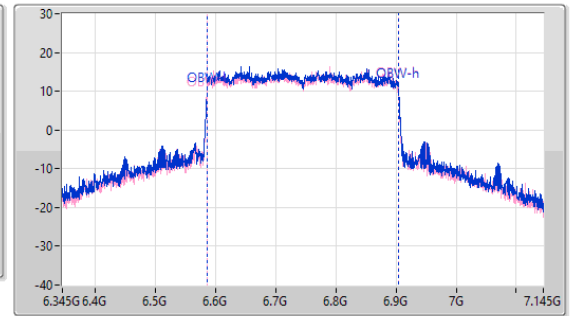
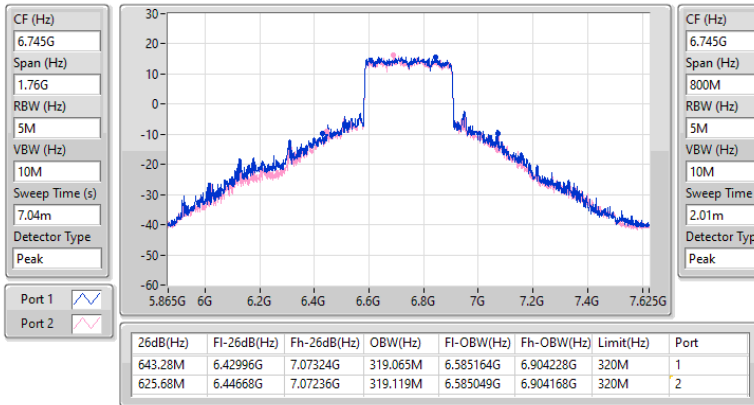


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6745MHz

04/07/2026

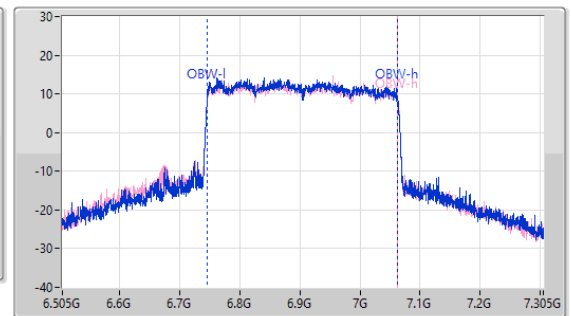
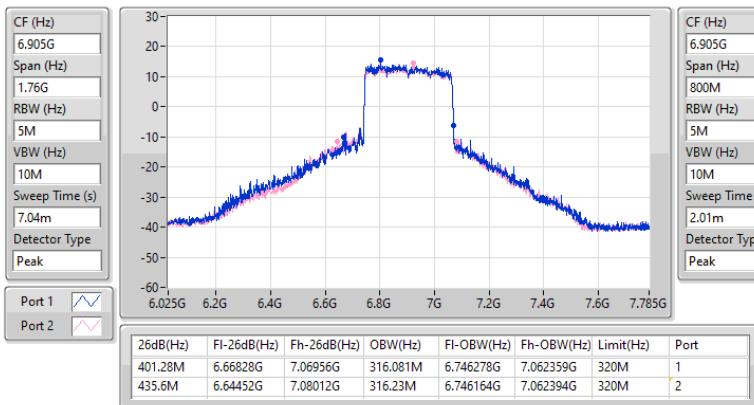


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6905MHz

04/07/2026

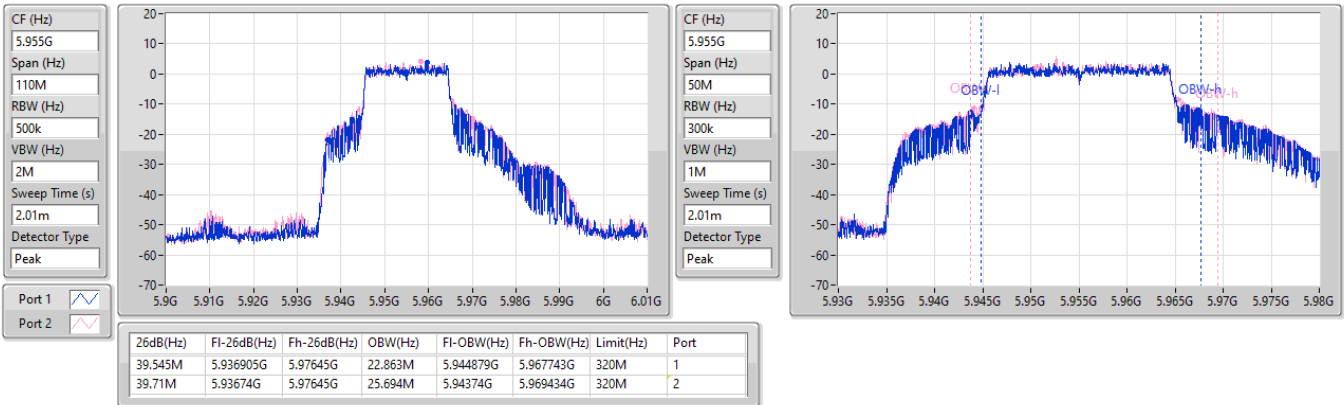


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5955MHz

04/07/2026

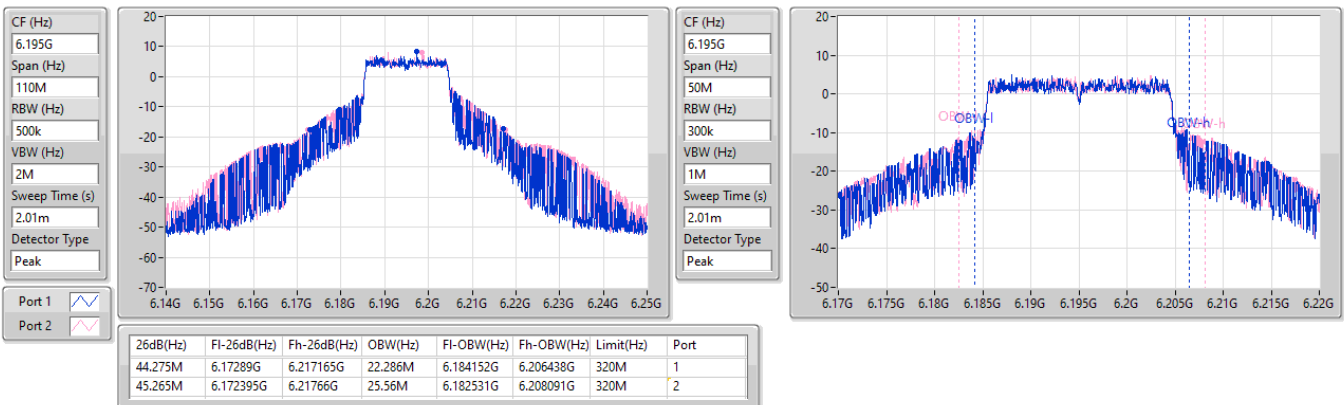


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6195MHz

04/07/2026

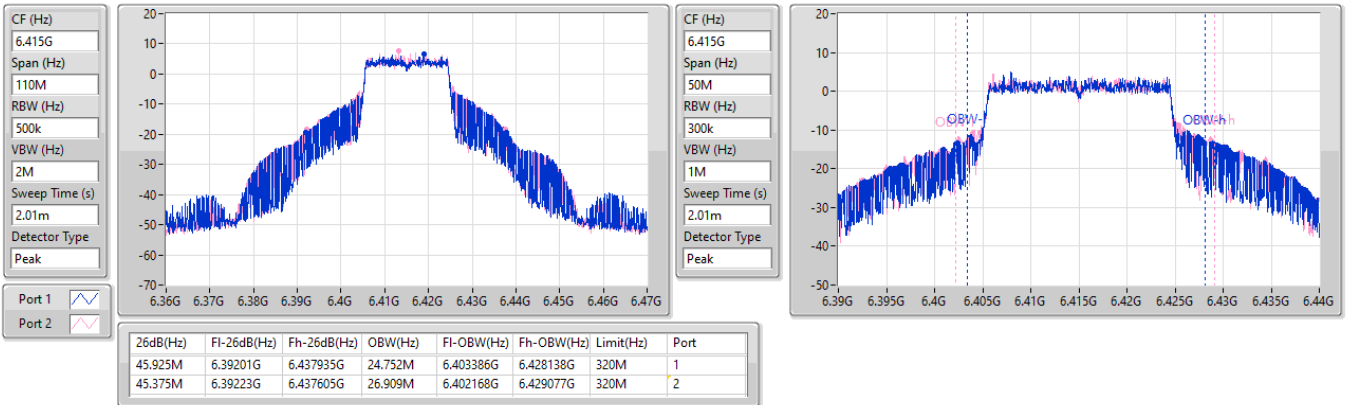


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6415MHz

04/07/2026

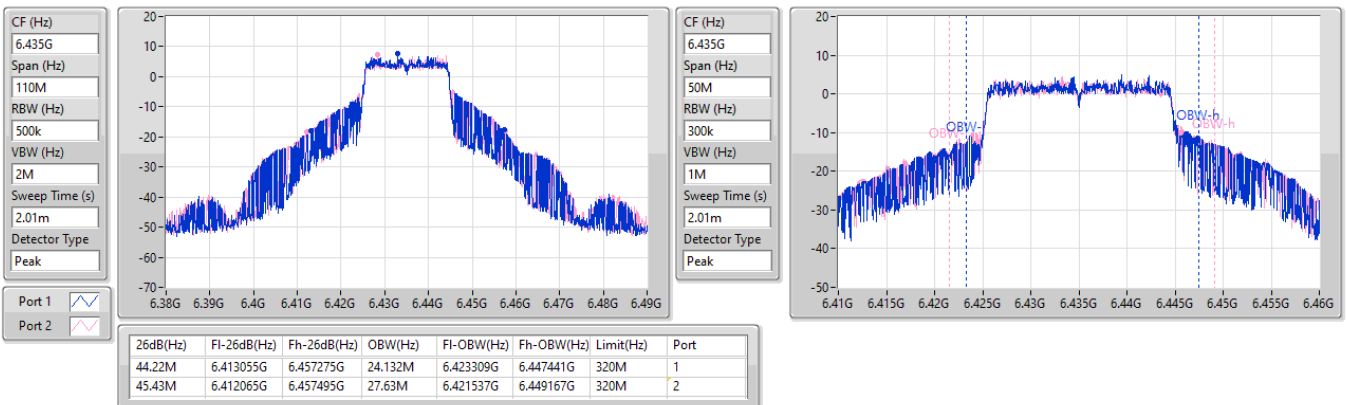


6.425-6.525GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6435MHz

04/07/2026

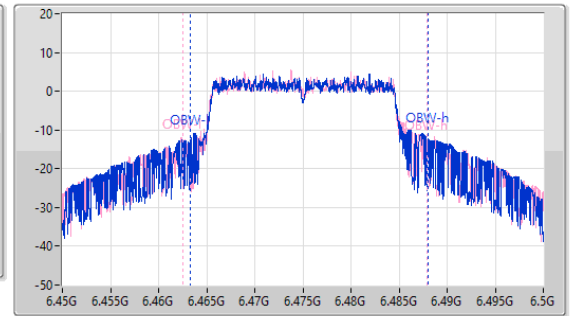
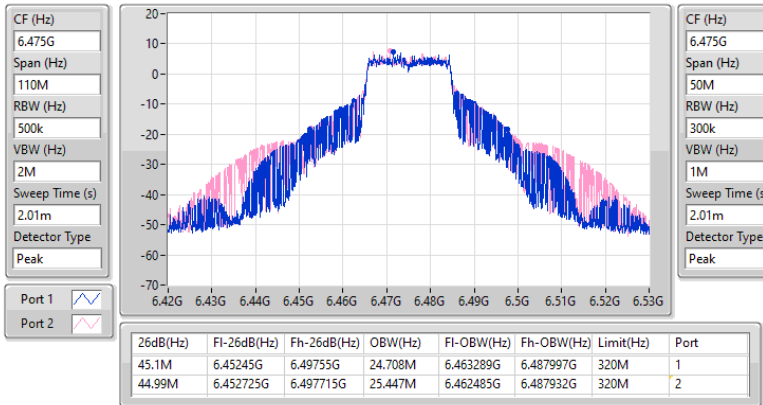


6.425-6.525GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6475MHz

04/07/2026

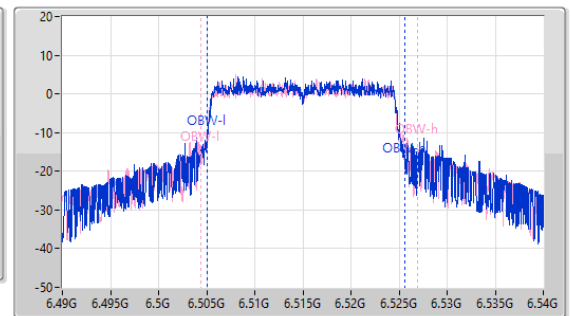
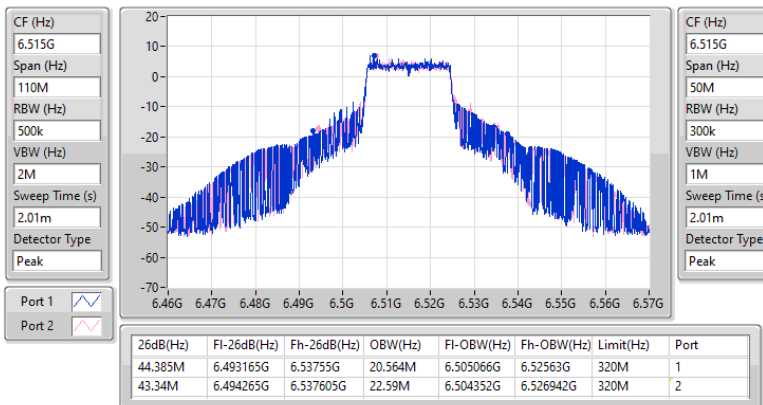


6.425-6.525GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6515MHz

04/07/2026

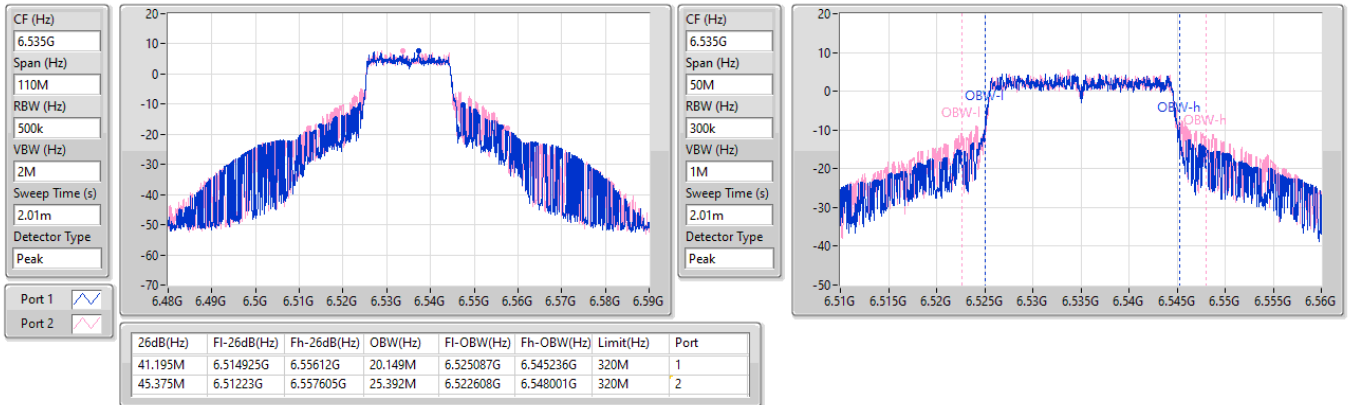


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

04/07/2026

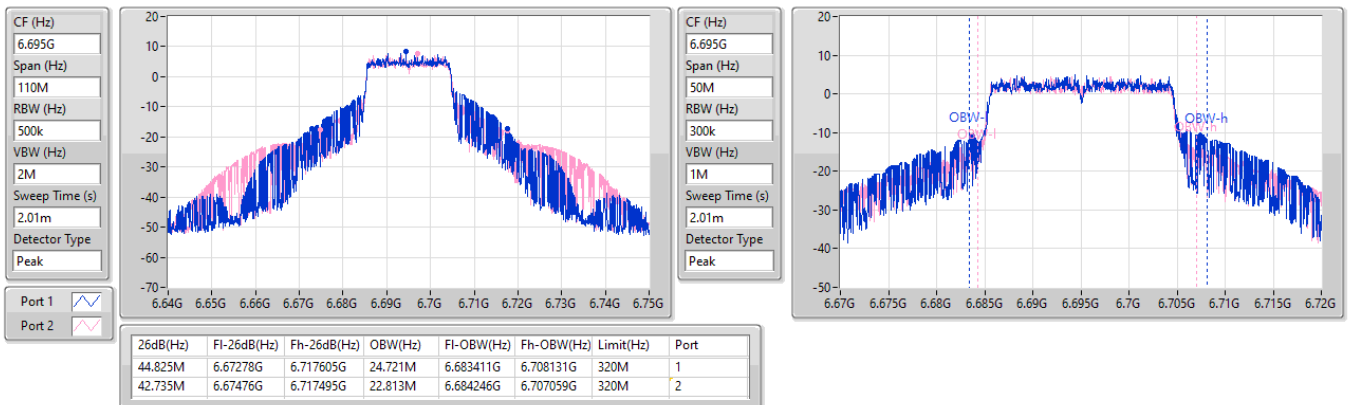


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6695MHz

04/07/2026

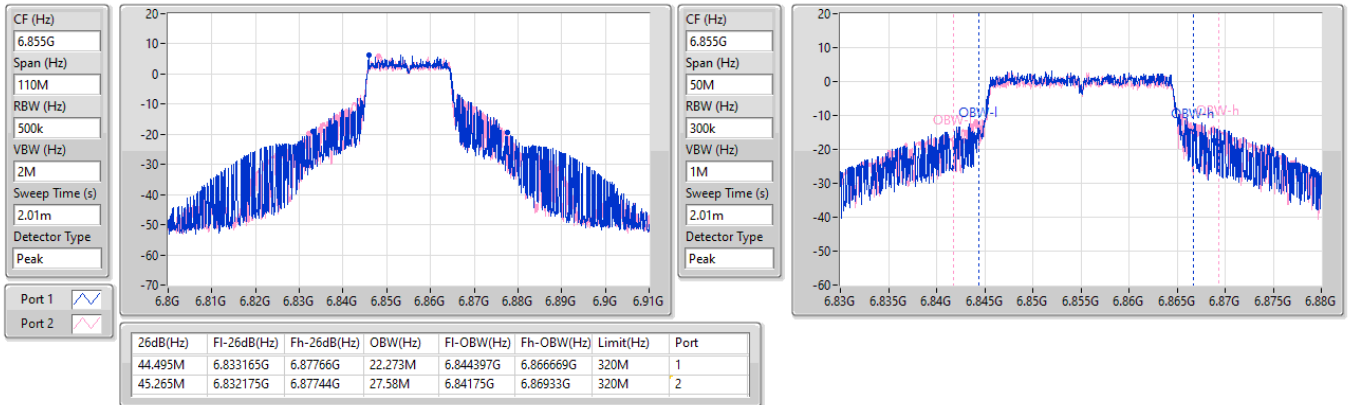


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6855MHz

04/07/2026

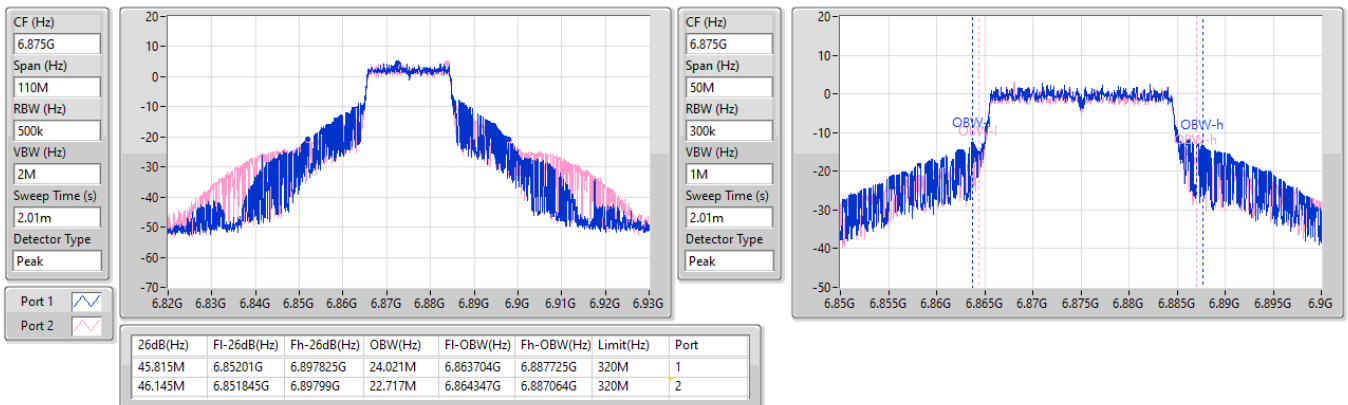


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6875MHz

04/07/2026

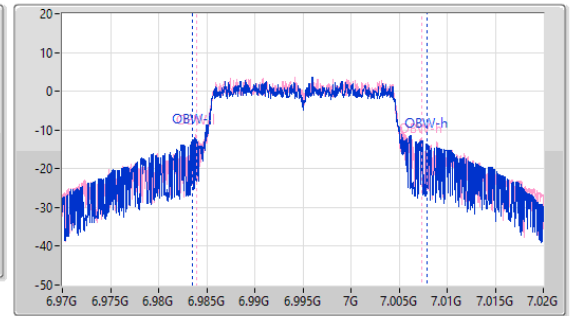
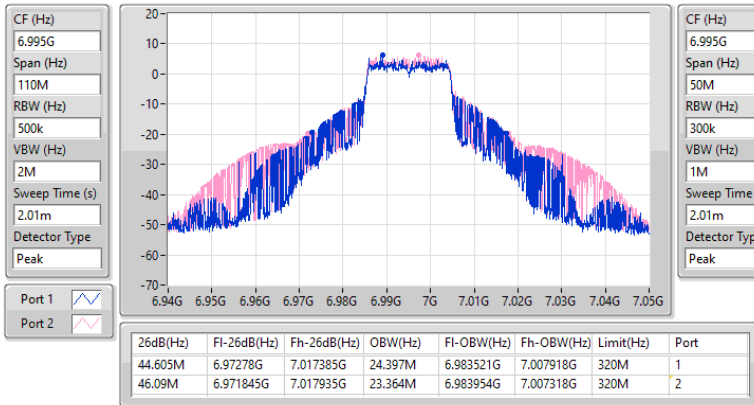


6.875-7.125GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6995MHz

04/07/2026

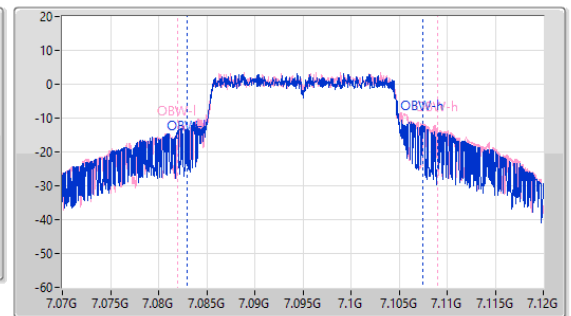
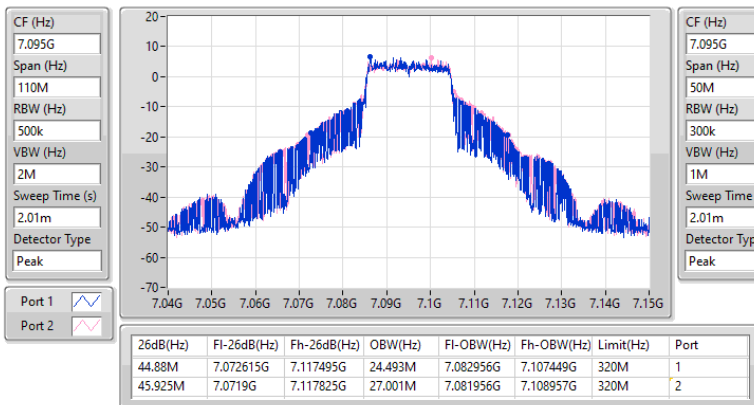


6.875-7.125GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

7095MHz

04/07/2026

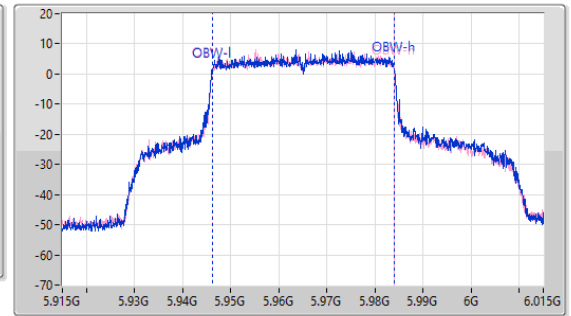
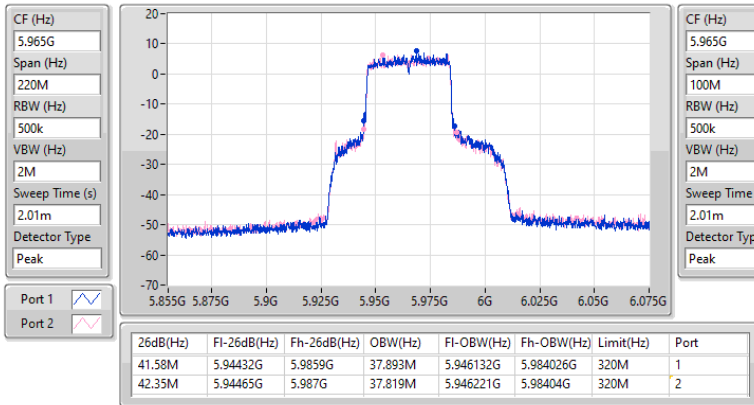


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5965MHz

04/07/2026

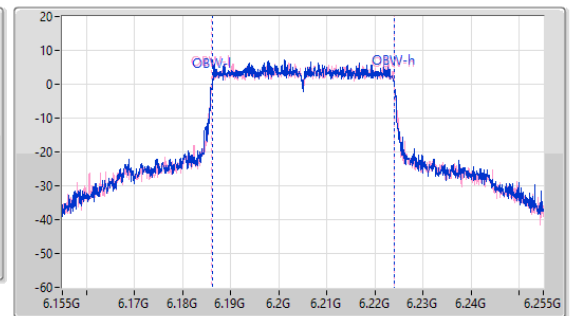
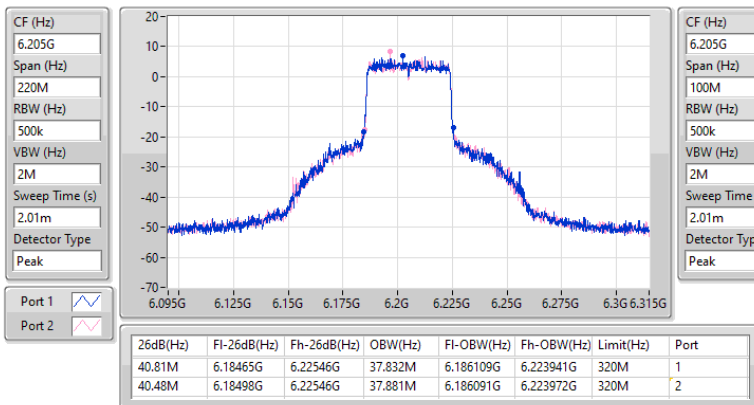


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6205MHz

04/07/2026

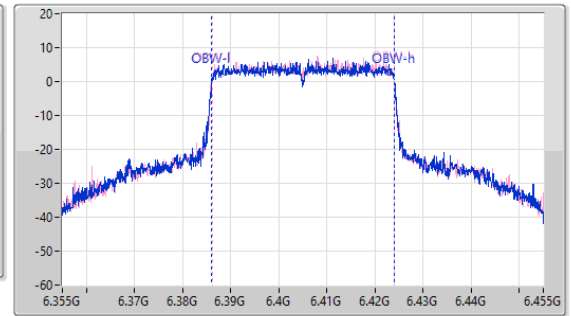
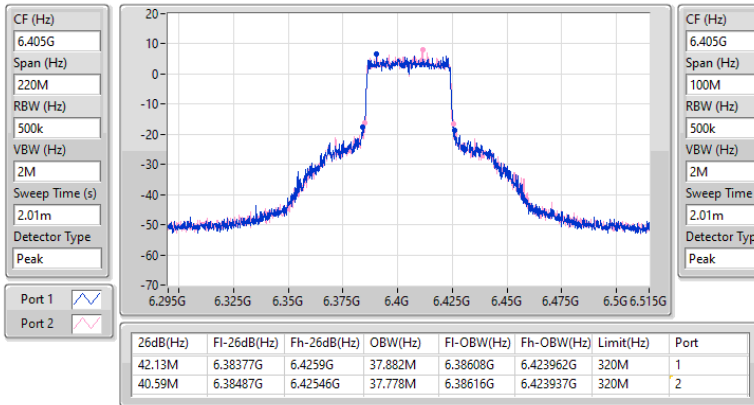


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6405MHz

04/07/2026

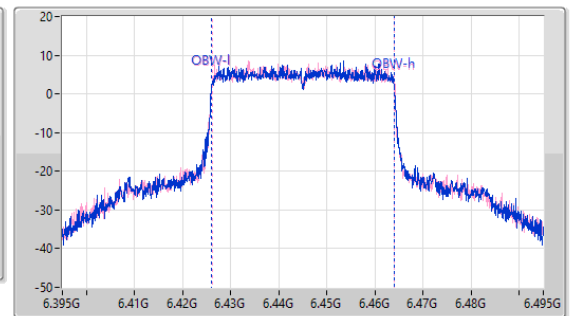
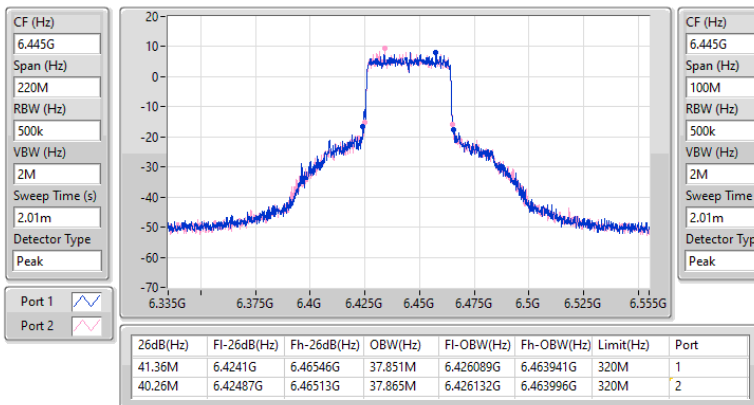


6.425-6.525GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6445MHz

04/07/2026

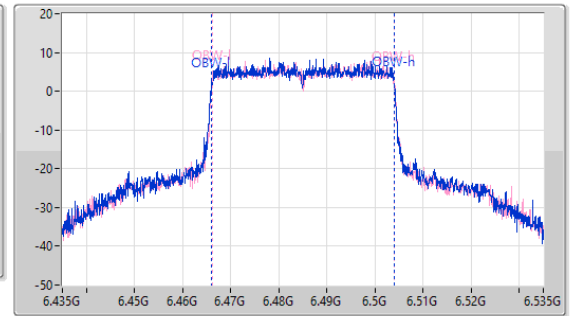
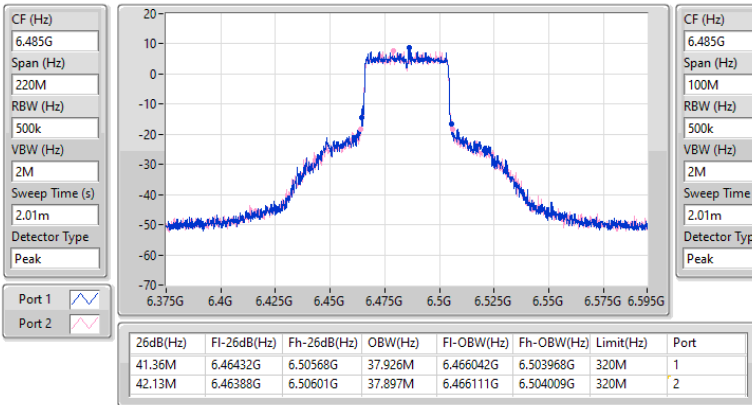


6.425-6.525GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6485MHz

04/07/2026

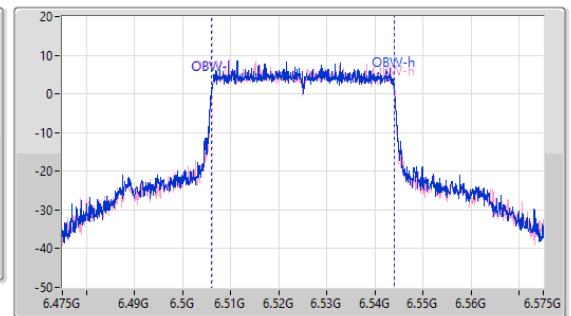
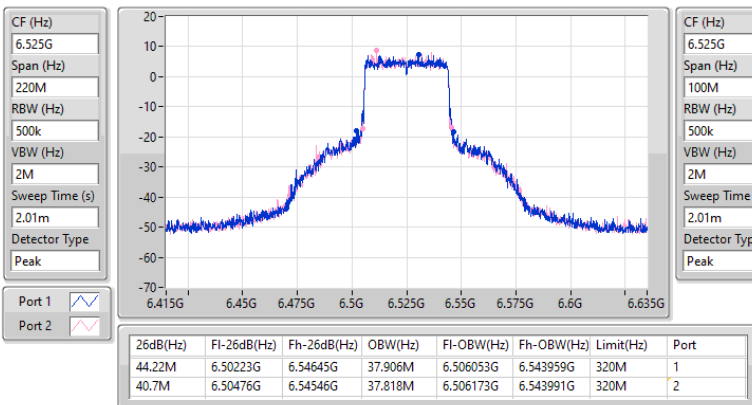


6.425-6.525GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6525MHz

04/07/2026

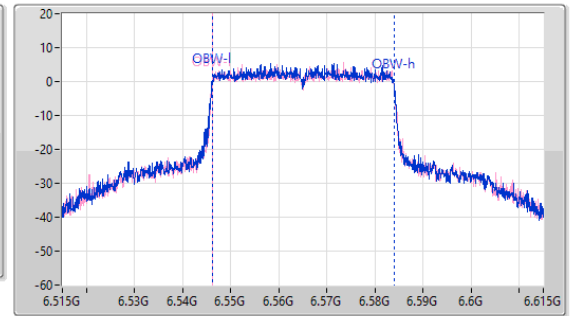
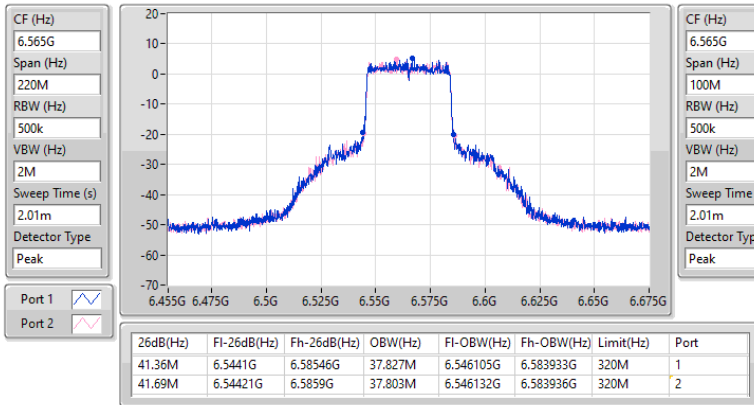


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6565MHz

04/07/2026

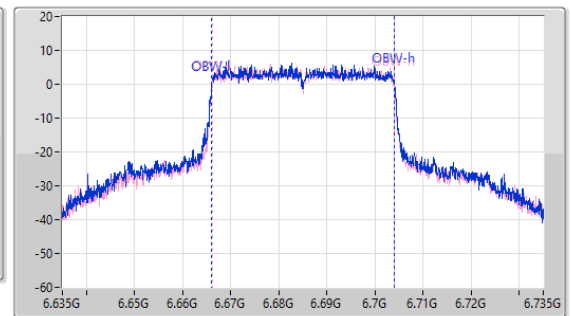
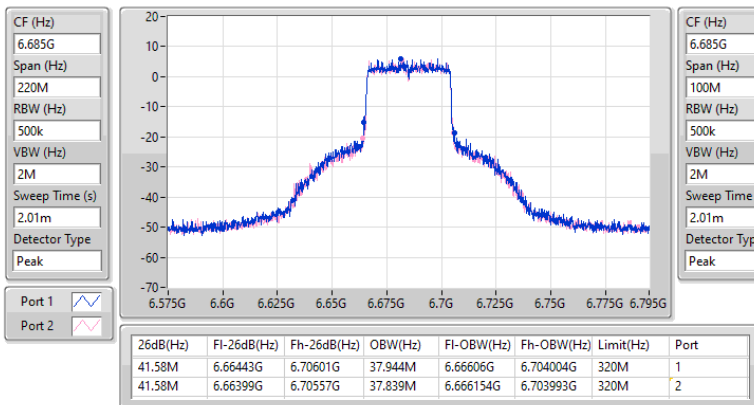


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6685MHz

04/07/2026

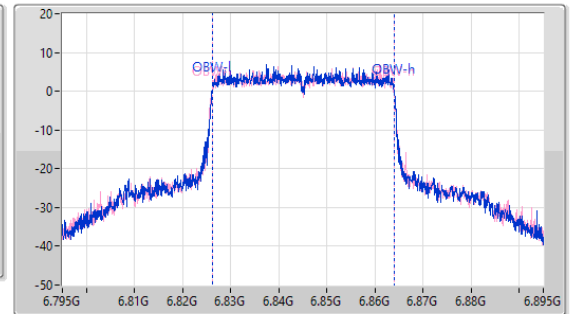
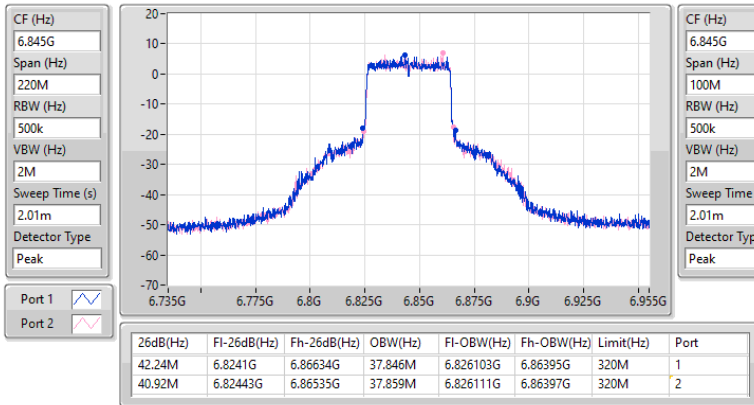


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6845MHz

04/07/2026

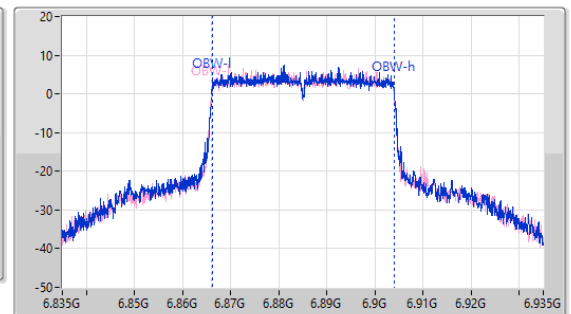
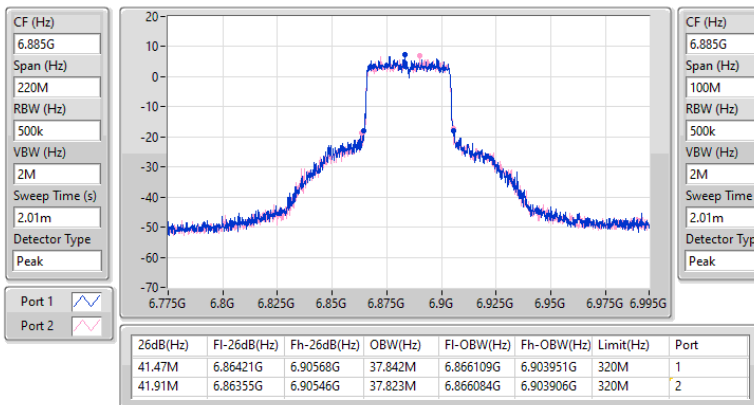


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6885MHz

04/07/2026

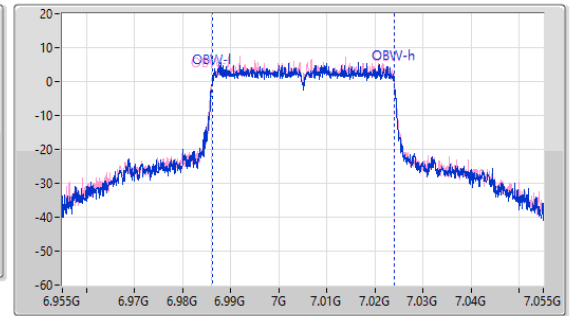
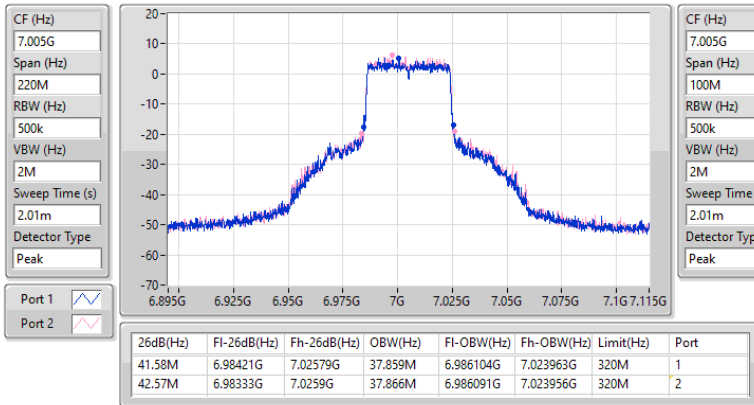


6.875-7.125GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

7005MHz

04/07/2026

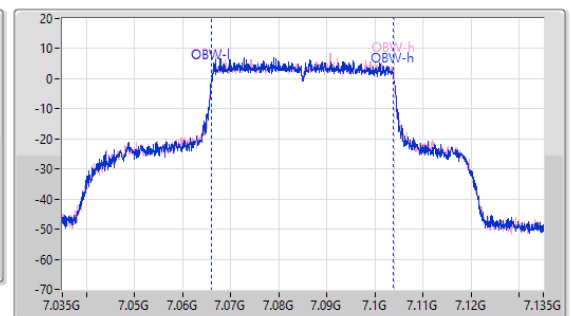
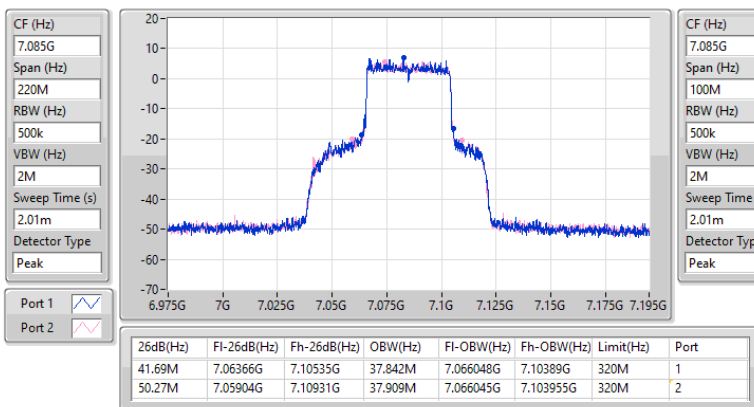


6.875-7.125GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

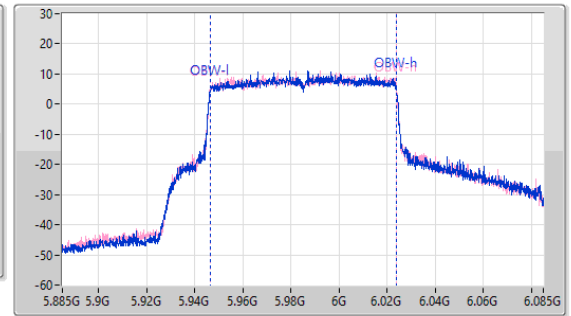
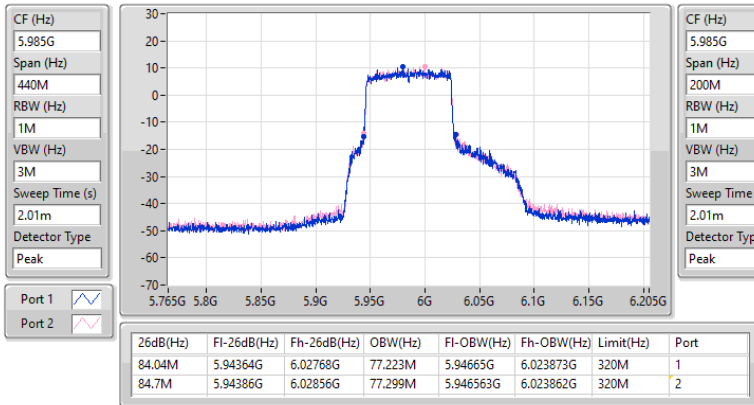
7085MHz

04/07/2026

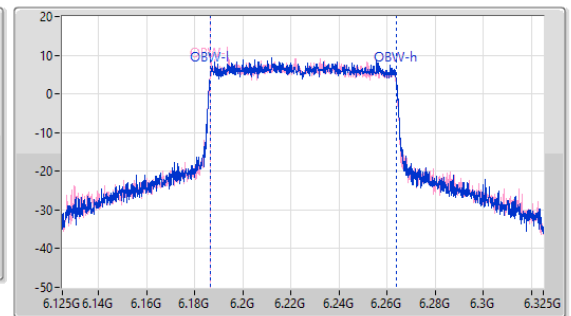
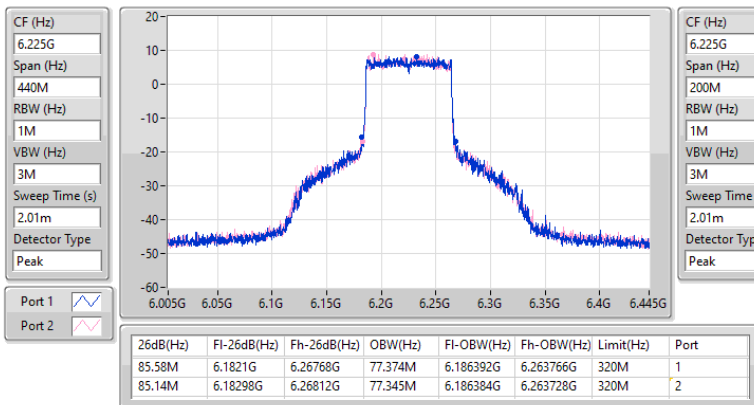


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS50)_2TX
EBW
5985MHz

04/07/2026


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS50)_2TX
EBW
6225MHz

04/07/2026

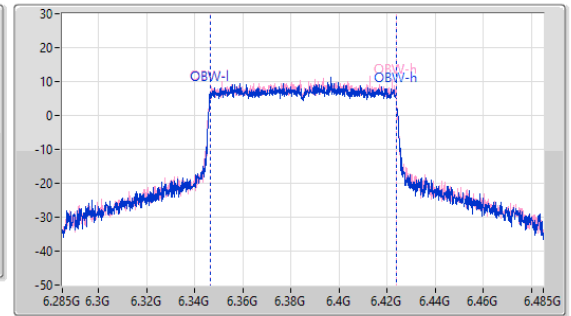
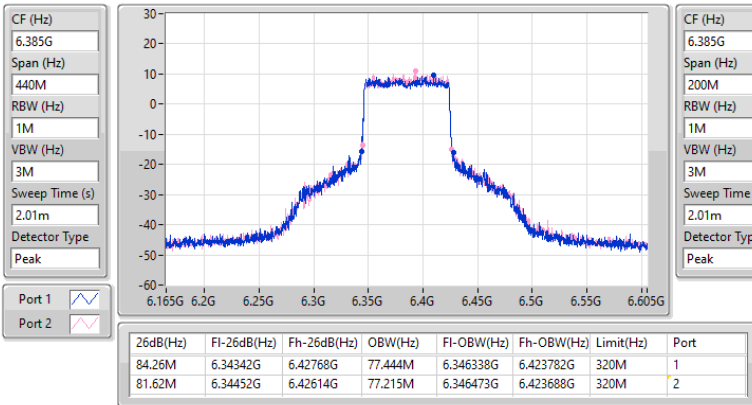


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6385MHz

04/07/2026

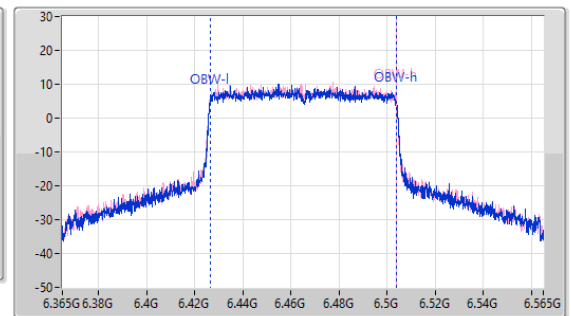
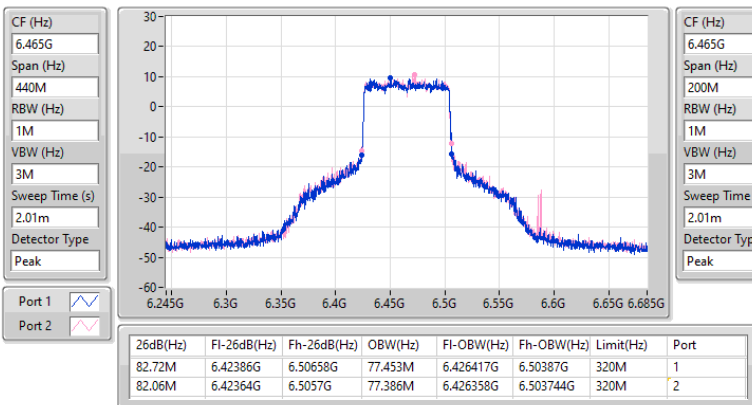


6.425-6.525GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6465MHz

04/07/2026

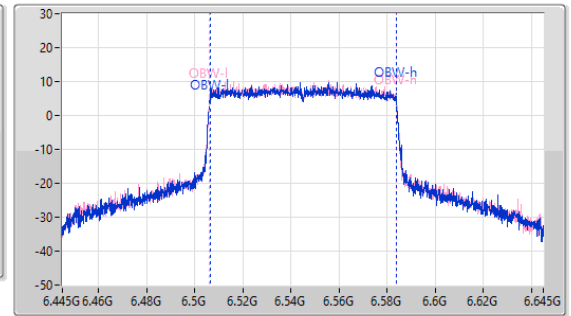
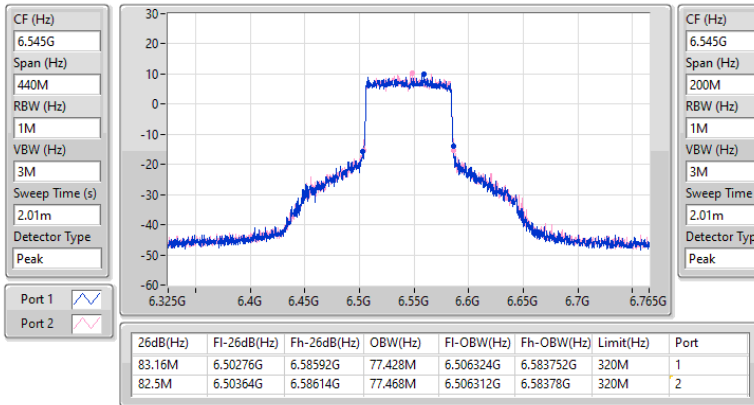


6.425-6.525GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6545MHz

04/07/2026

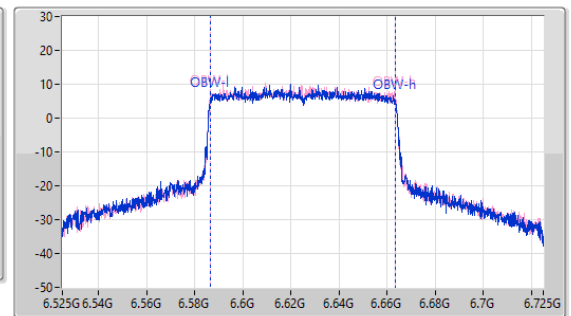
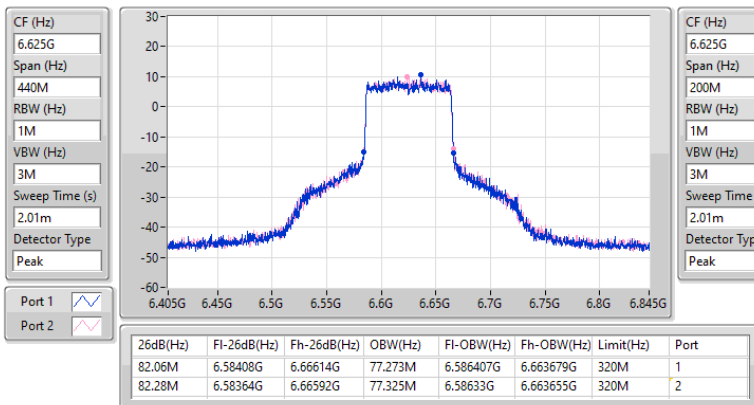


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

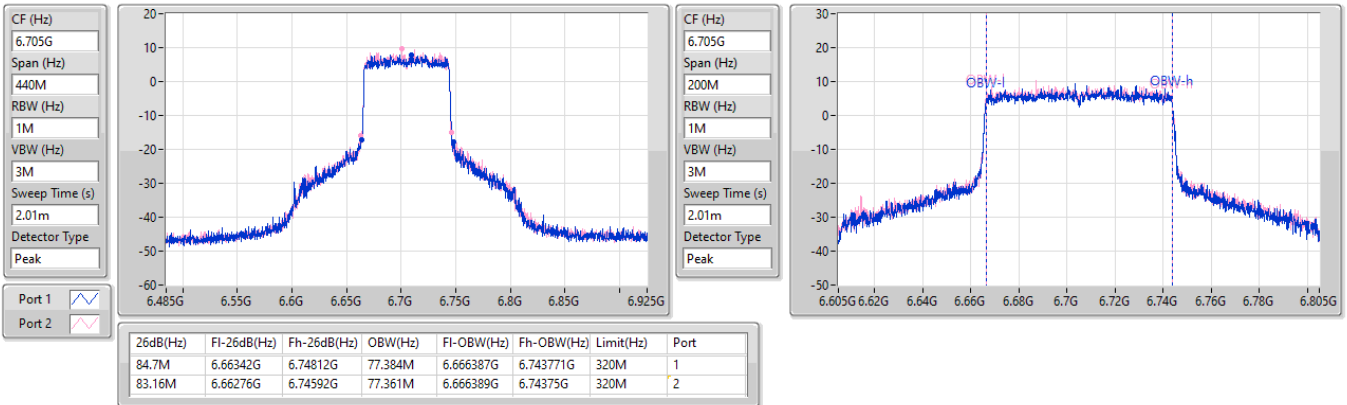
6625MHz

04/07/2026

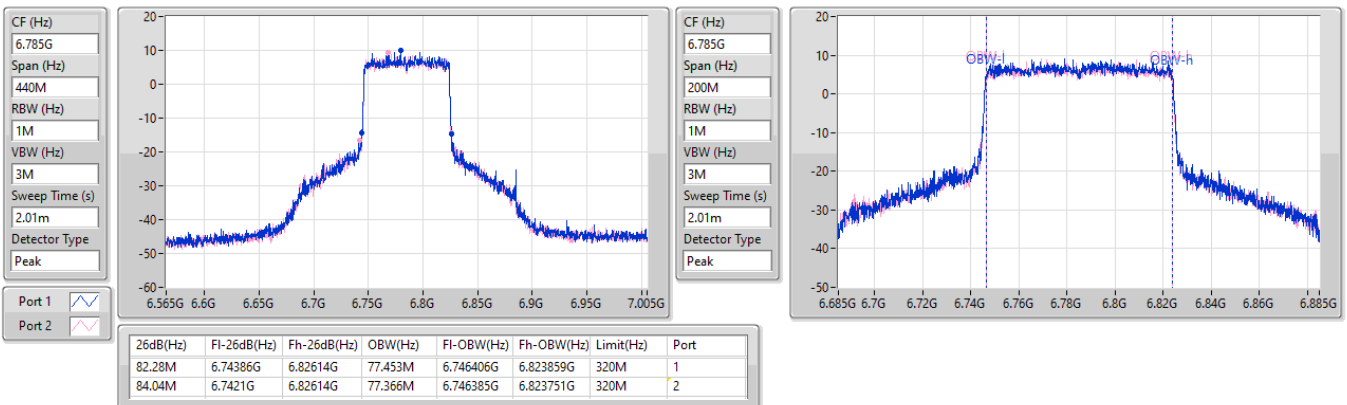


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6705MHz

04/07/2026

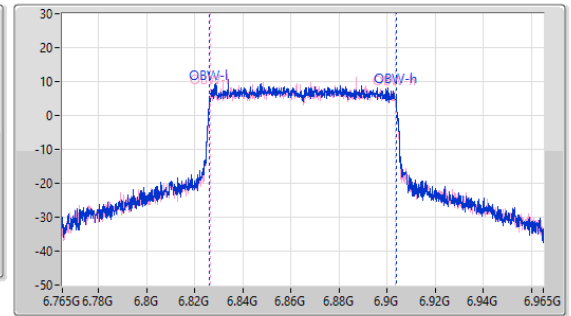
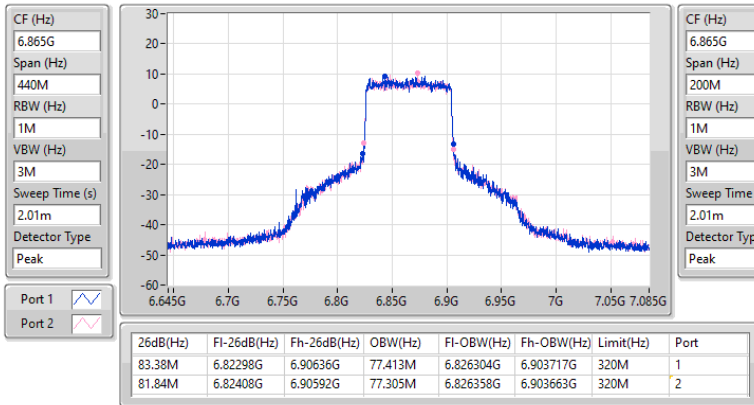

6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6785MHz

04/07/2026

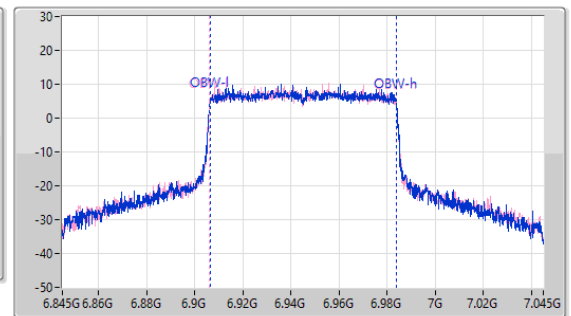
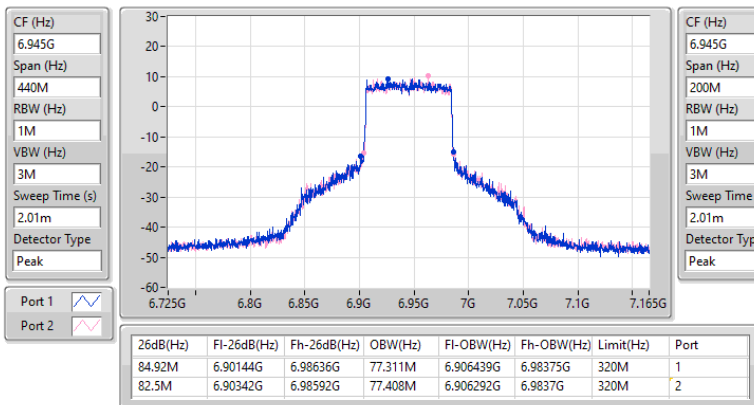


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6865MHz

04/07/2026


6.875-7.125GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6945MHz

04/07/2026

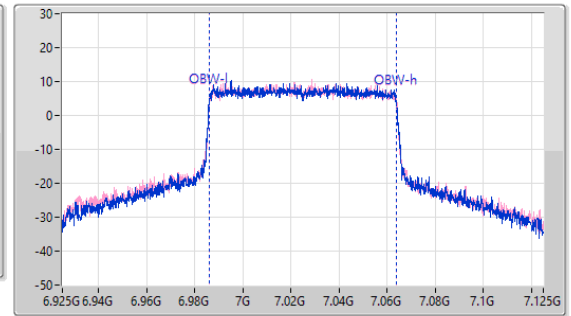
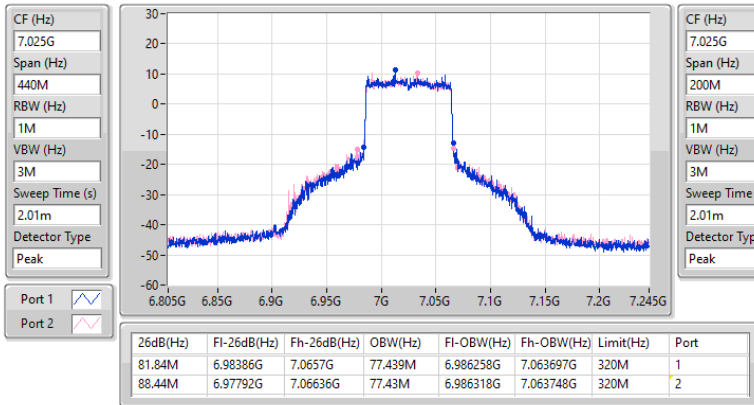


6.875-7.125GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

7025MHz

04/07/2026

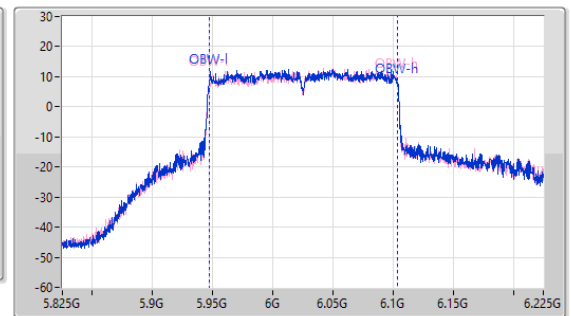
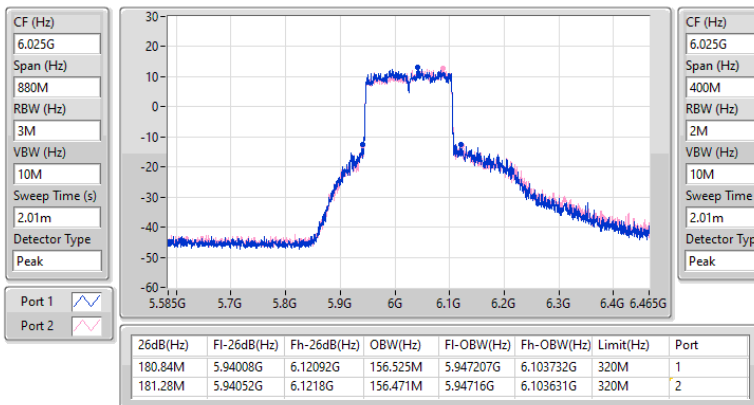


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

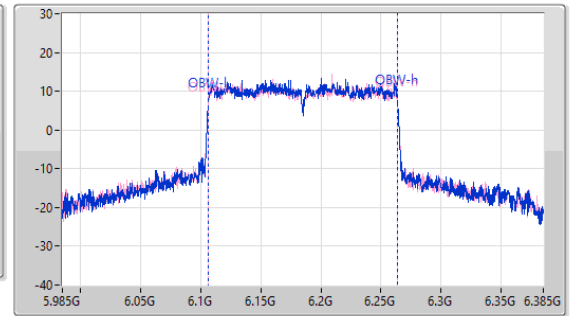
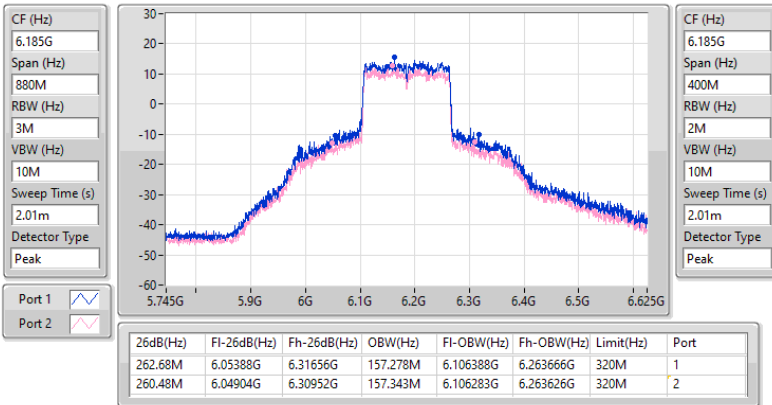
6025MHz

04/07/2026

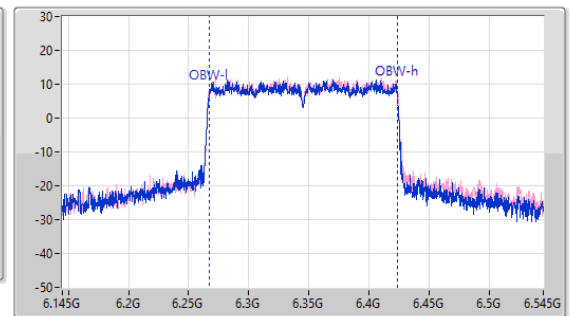
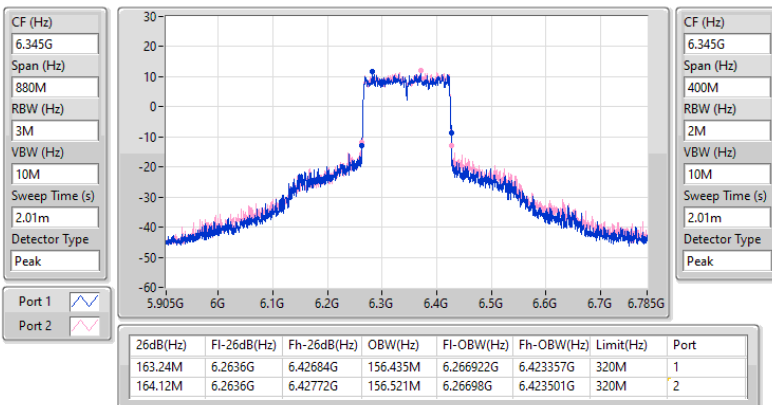


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6185MHz

04/07/2026


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6345MHz

04/07/2026

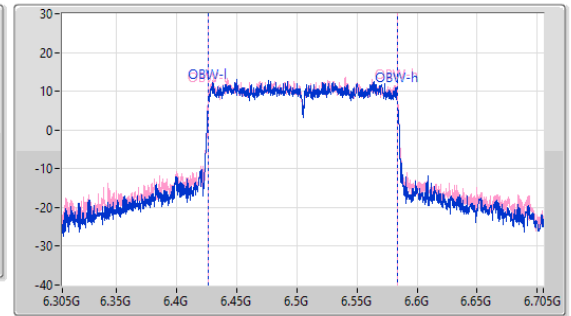
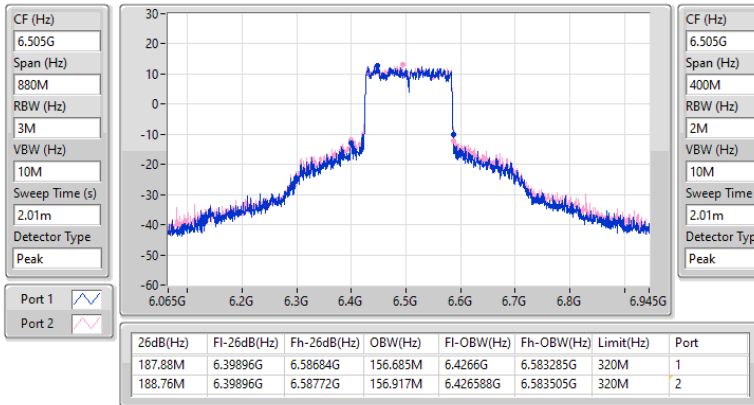


6.425-6.525GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6505MHz

04/07/2026

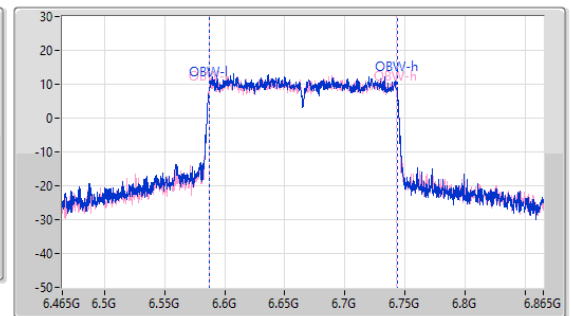
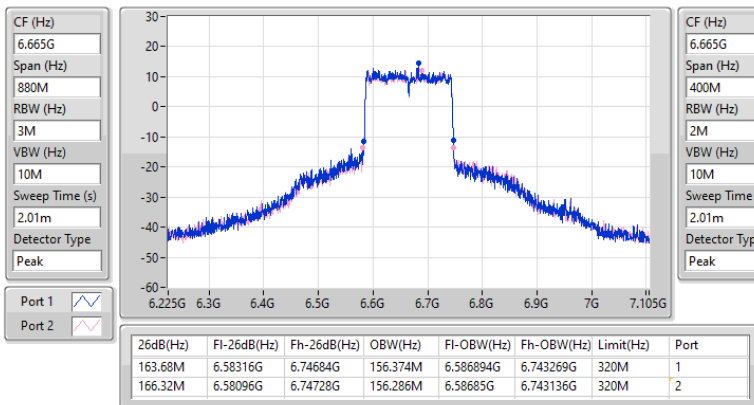


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

04/07/2026

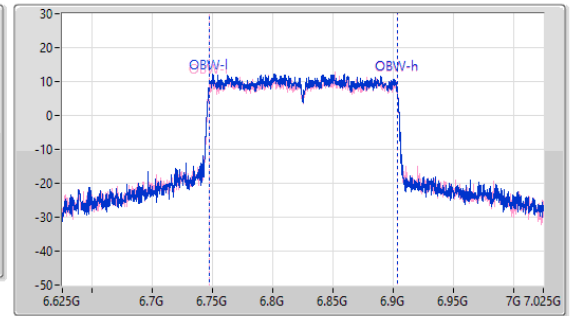
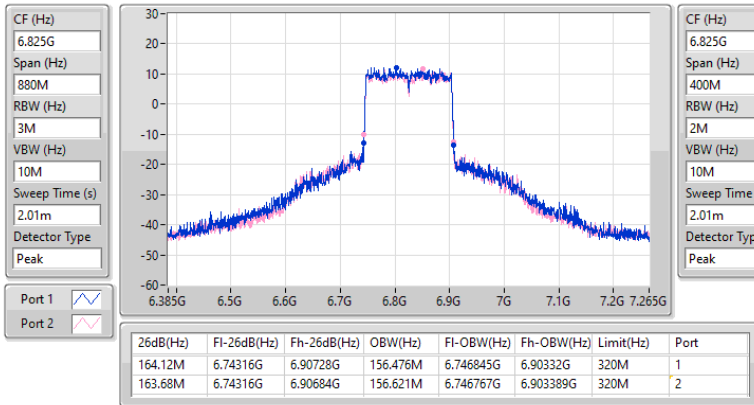


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6825MHz

04/07/2026

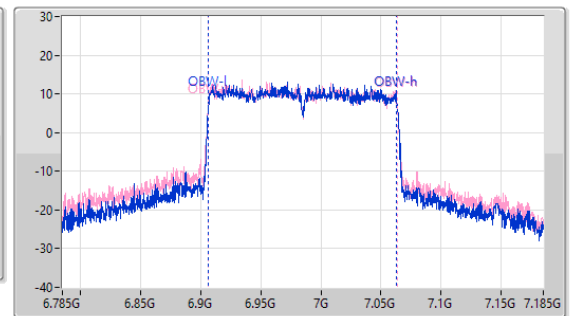
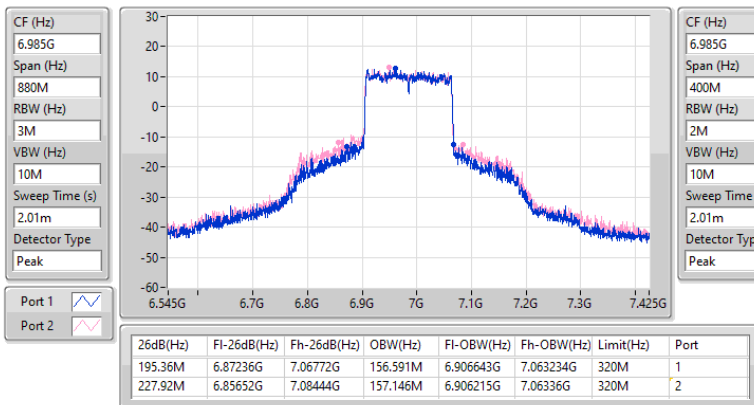


6.875-7.125GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6985MHz

04/07/2026

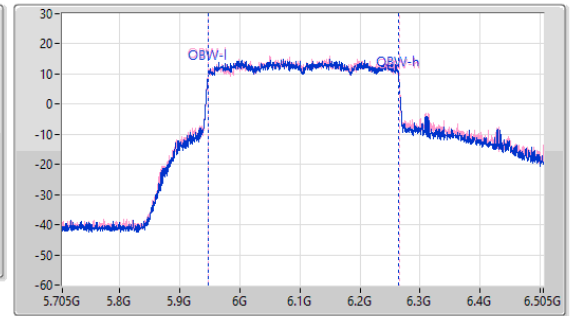
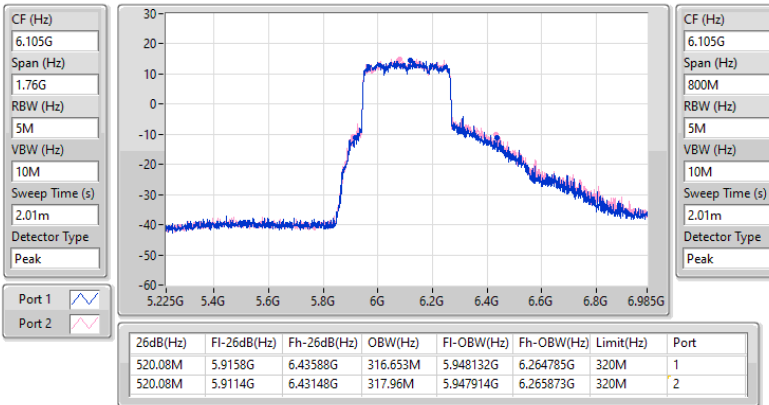


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6105MHz

04/07/2026

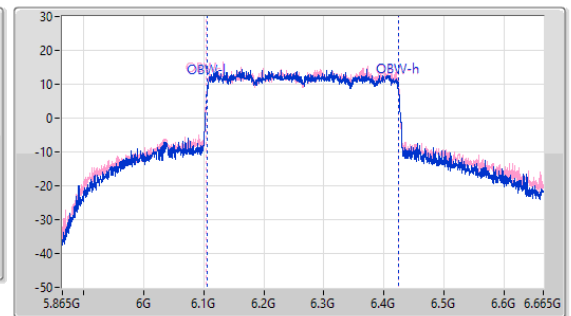
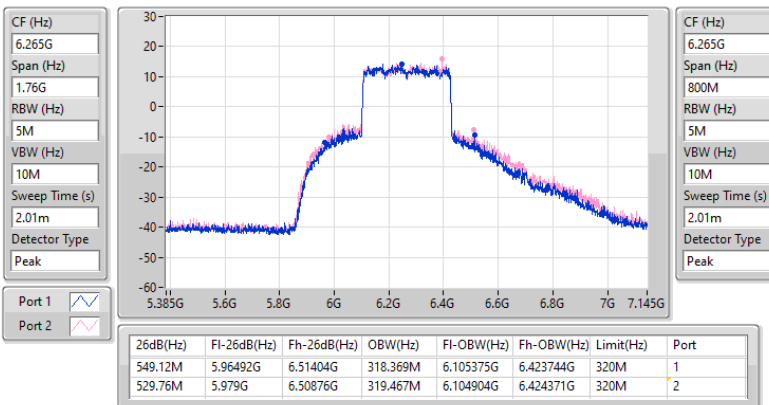


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

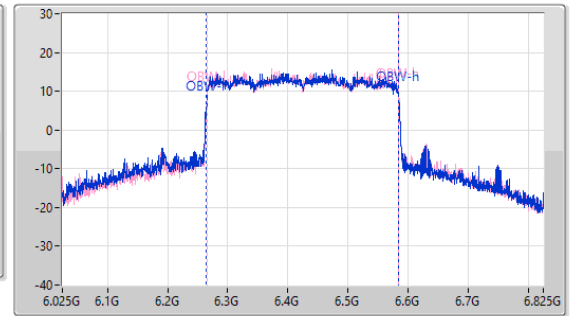
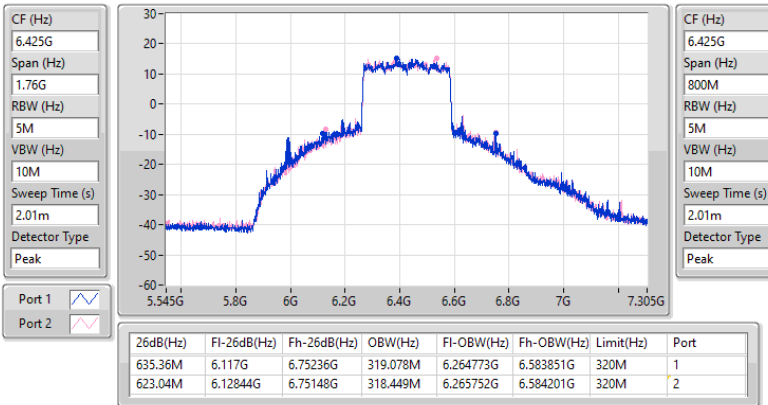
6265MHz

04/07/2026

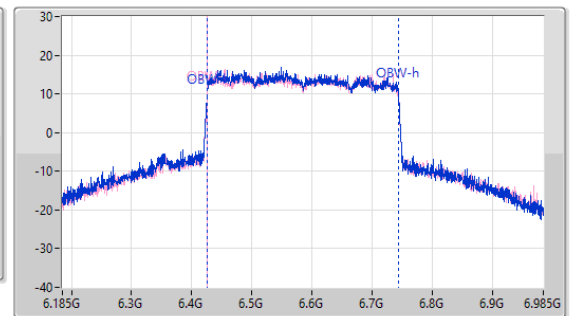
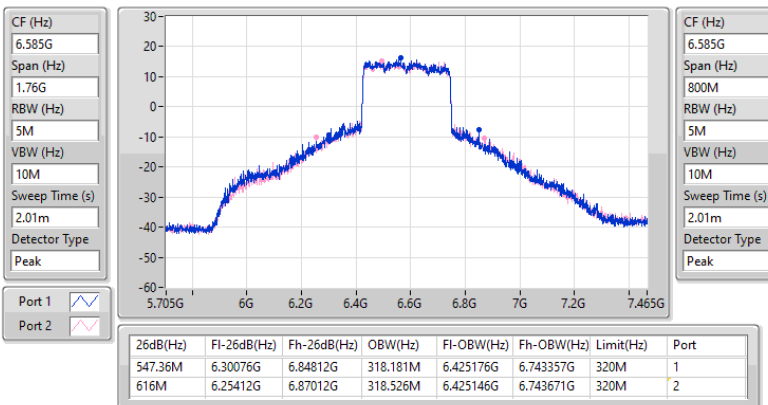


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX
EBW
6425MHz

04/07/2026


6.425-6.525GHz_802.11be EHT320_Nss2,(MCS0)_2TX
EBW
6585MHz

04/07/2026

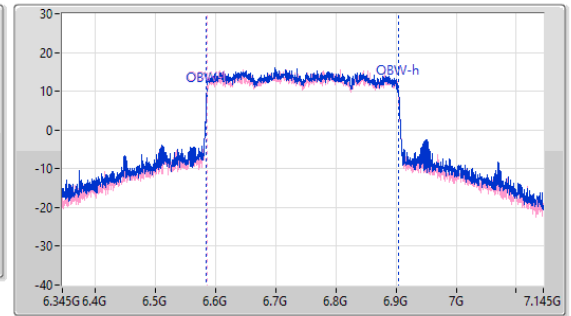
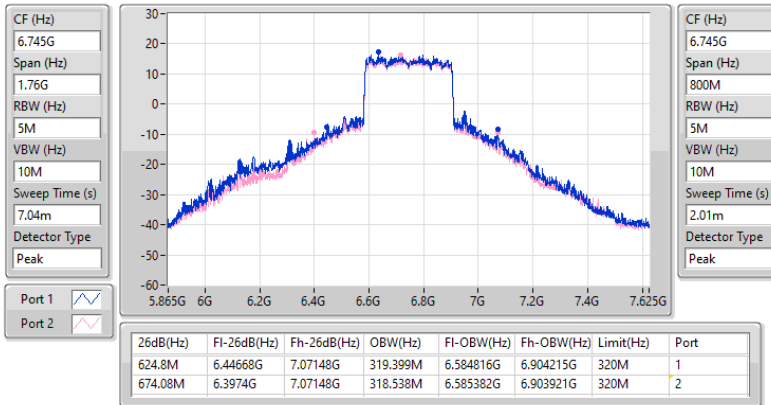


6.525-6.875GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6745MHz

04/07/2026

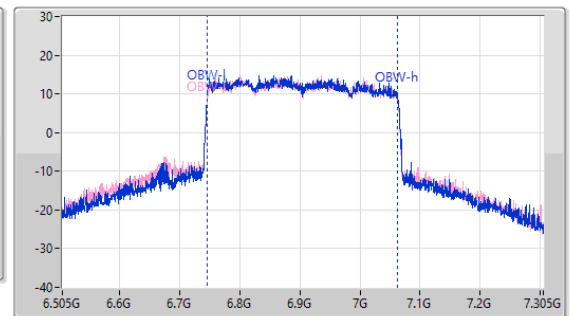
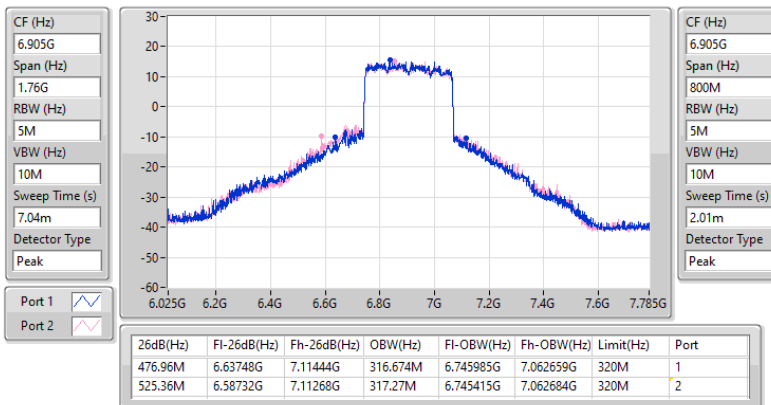


6.525-6.875GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6905MHz

04/07/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	46.035M	27.032M	27M0D1D	40.48M	19.42M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	63.36M	37.898M	37M9D1D	41.69M	37.74M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	99.44M	77.495M	77M5D1D	82.5M	77.298M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	300.08M	158.271M	158MD1D	206.8M	156.557M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	652.96M	319.878M	320MD1D	508.64M	316.507M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	46.035M	27.103M	27M1D1D	43.23M	22.736M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	46.86M	37.953M	38M0D1D	40.92M	37.834M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	98.34M	77.426M	77M4D1D	86.02M	77.306M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	310.64M	158.411M	158MD1D	308M	158.127M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	528M	319.077M	319MD1D	523.6M	317.709M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	46.035M	26.514M	26M5D1D	41.25M	19.429M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	47.19M	37.906M	37M9D1D	40.7M	37.842M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	98.56M	77.537M	77M5D1D	84.04M	77.323M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	270.6M	157.932M	158MD1D	186.12M	156.744M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	638.88M	319.564M	320MD1D	420.64M	315.946M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	46.145M	27.573M	27M6D1D	43.56M	20.267M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	53.79M	37.984M	38M0D1D	41.36M	37.862M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	99.22M	77.464M	77M5D1D	96.8M	77.285M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	237.16M	157.206M	157MD1D	218.68M	156.716M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

**Result**

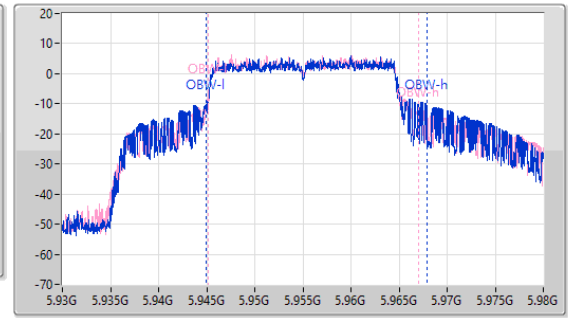
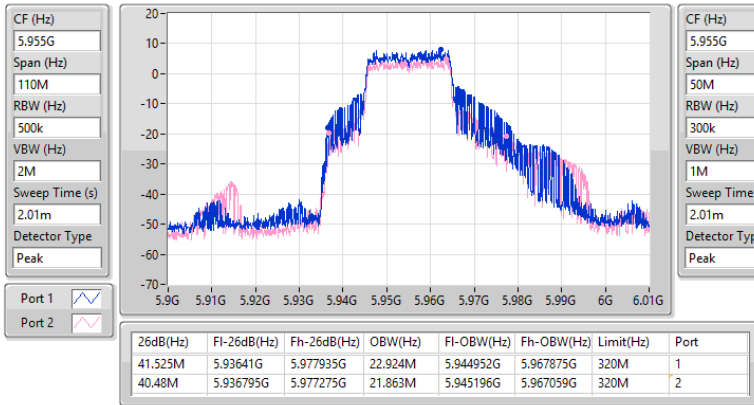
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	41.525M	22.924M	40.48M	21.863M
6195MHz	Pass	320M	41.47M	19.42M	46.035M	21.918M
6415MHz	Pass	320M	45.595M	24.172M	45.98M	27.032M
6435MHz	Pass	320M	45.76M	24.117M	45.1M	27.103M
6475MHz	Pass	320M	44.33M	23.945M	43.23M	22.736M
6515MHz	Pass	320M	45.485M	24.476M	46.035M	26.669M
6535MHz	Pass	320M	46.035M	21.221M	45.98M	21.785M
6695MHz	Pass	320M	43.065M	24.316M	45.265M	26.514M
6855MHz	Pass	320M	45.485M	24.489M	41.25M	23.221M
6875MHz	Pass	320M	43.505M	19.429M	44.88M	25.852M
6995MHz	Pass	320M	45.1M	25.333M	45.87M	22.427M
7095MHz	Pass	320M	43.56M	20.267M	46.145M	27.573M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	46.86M	37.855M	46.97M	37.74M
6205MHz	Pass	320M	63.36M	37.891M	46.75M	37.833M
6405MHz	Pass	320M	41.69M	37.898M	54.12M	37.858M
6445MHz	Pass	320M	41.03M	37.834M	40.92M	37.873M
6485MHz	Pass	320M	41.25M	37.953M	46.53M	37.843M
6525MHz	Pass	320M	46.86M	37.948M	41.25M	37.878M
6565MHz	Pass	320M	41.8M	37.877M	41.14M	37.881M
6685MHz	Pass	320M	41.36M	37.862M	46.53M	37.853M
6845MHz	Pass	320M	47.19M	37.906M	40.7M	37.891M
6885MHz	Pass	320M	41.25M	37.854M	42.79M	37.842M
7005MHz	Pass	320M	41.36M	37.948M	49.94M	37.862M
7085MHz	Pass	320M	52.69M	37.901M	53.79M	37.984M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	84.26M	77.303M	92.84M	77.298M
6225MHz	Pass	320M	99.44M	77.495M	97.02M	77.417M
6385MHz	Pass	320M	97.46M	77.416M	82.5M	77.348M
6465MHz	Pass	320M	86.02M	77.306M	98.34M	77.36M
6545MHz	Pass	320M	97.46M	77.385M	98.12M	77.426M
6625MHz	Pass	320M	97.46M	77.323M	98.34M	77.453M
6705MHz	Pass	320M	87.56M	77.537M	84.04M	77.346M
6785MHz	Pass	320M	97.24M	77.375M	98.12M	77.439M
6865MHz	Pass	320M	86.02M	77.432M	98.56M	77.386M
6945MHz	Pass	320M	96.8M	77.343M	98.34M	77.285M
7025MHz	Pass	320M	97.46M	77.464M	99.22M	77.374M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	226.16M	156.557M	206.8M	156.738M
6185MHz	Pass	320M	276.76M	157.555M	300.08M	158.271M
6345MHz	Pass	320M	268.84M	158.216M	272.8M	158.046M
6505MHz	Pass	320M	308M	158.127M	310.64M	158.411M
6665MHz	Pass	320M	194.48M	157.015M	186.12M	156.744M
6825MHz	Pass	320M	267.08M	157.587M	270.6M	157.932M
6985MHz	Pass	320M	218.68M	156.716M	237.16M	157.206M
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	508.64M	316.507M	509.52M	317.224M
6265MHz	Pass	320M	554.4M	318.188M	550M	319.878M
6425MHz	Pass	320M	626.56M	318.985M	652.96M	318.204M
6585MHz	Pass	320M	523.6M	319.077M	528M	317.709M
6745MHz	Pass	320M	638.88M	319.564M	623.92M	318.456M
6905MHz	Pass	320M	425.04M	315.946M	420.64M	316.026M

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

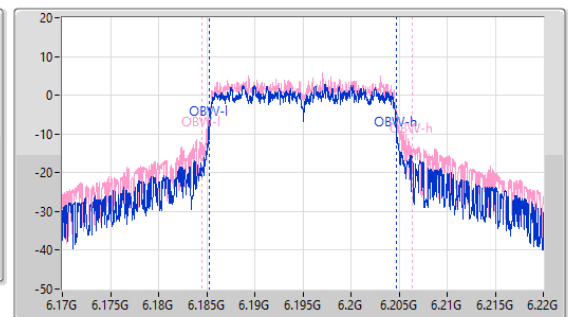
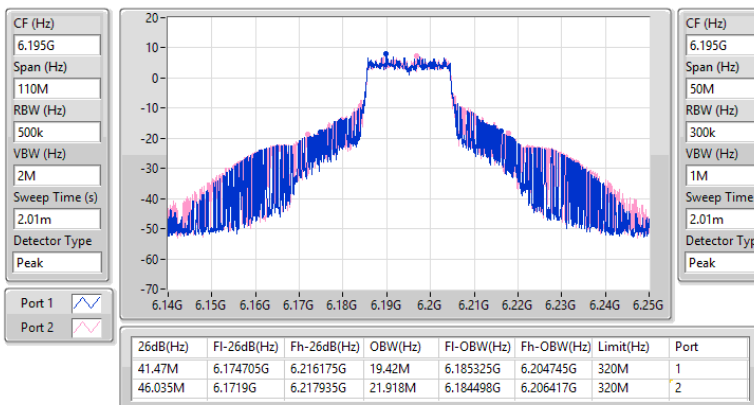


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
5955MHz

04/07/2026


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6195MHz

01/07/2026

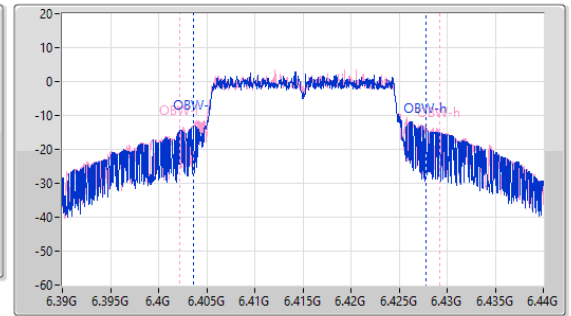
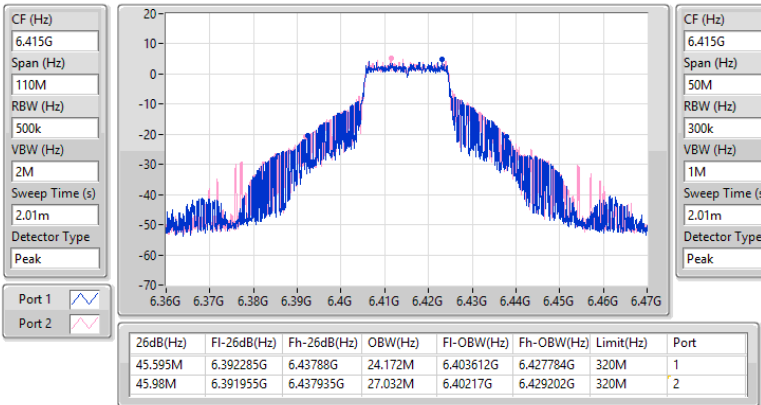


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6415MHz

01/07/2026

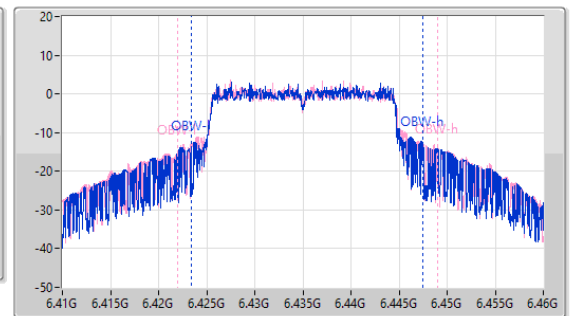
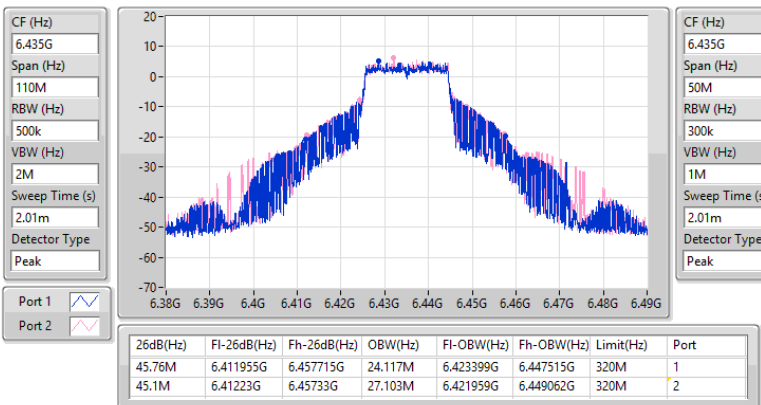


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

01/07/2026

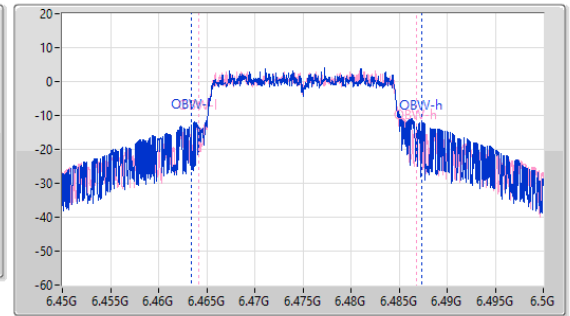
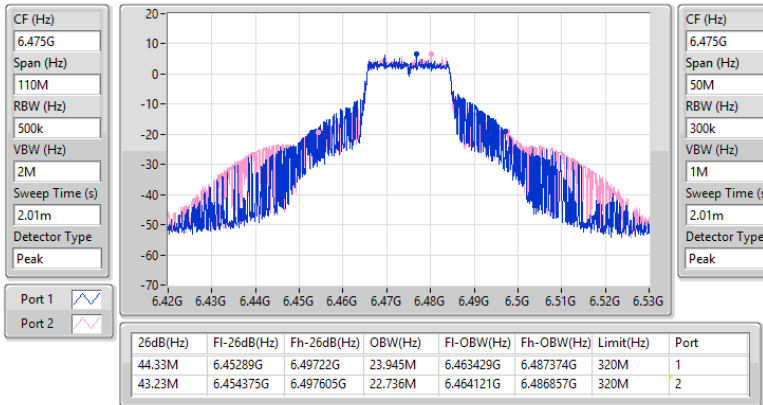


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6475MHz

01/07/2026



6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6515MHz

01/07/2026

