

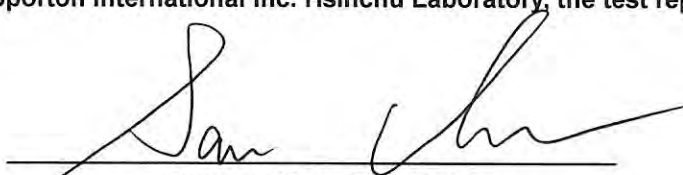


RADIO TEST REPORT

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022FX
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 Oct. 27, 2025, and testing was started from Oct. 31, 2025 and completed on Apr. 29, 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

Sporton International Inc. Hsinchu Laboratory
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Table of Contents

History of this test report	9
Summary of Test Result	10
1 General Description	11
1.1 Information	11
1.2 Applicable Standards	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	11
2 Test Configuration of EUT.....	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration	39
2.3 EUT Operation during Test	45
2.4 Accessories	45
2.5 Support Equipment	46
2.6 Test Setup Diagram	48
3 Transmitter Test Result	52
3.1 AC Power-line Conducted Emissions	52
3.2 Emission Bandwidth	54
3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	55
3.4 Peak Power Spectral Density (E.I.R.P.)	58
3.5 Unwanted Emissions	61
3.6 Contention Based Protocol	67
4 Test Equipment and Calibration Data	68
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Equivalent Isotropically 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 Isotopically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or 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:

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

Reviewed by: Sam Chen

Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

<Indoor Access Point>

For Radio 1:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
6525-7125	ax (HEW20), be (EHT20)	6595-7095	129-229 [26]
6525-7125	ax (HEW40), be (EHT40)	6605-7085	131-227 [13]
6525-7125	ax (HEW80), be (EHT80)	6625-7025	135-215 [6]
6525-7125	ax (HEW160), be (EHT160)	6665-6985	143-207 [3]

For Radio 3 and Scanning Radio 4:

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	be (EHT320)	6105-6905	31-191 [6]

<Standard Power Access Point>
For Radio 1:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
6525-6875	ax (HEW20), be (EHT20)	6595-6855	129-181 [14]
6525-6875	ax (HEW40), be (EHT40)	6605-6845	131-179 [7]
6525-6875	ax (HEW80), be (EHT80)	6625-6785	135-167 [3]
6525-6875	ax (HEW160), be (EHT160)	6665	143 [1]

For Radio 3 and Scanning Radio 4:

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]

For Radio 1:

Band	Mode	BWch (MHz)	Nant
6.525-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX

For Radio 3:

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX
	802.11 be EHT320	320	1, 2, 4TX
	802.11 be EHT320-BF	320	2, 4TX

For Scanning Radio 4:

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

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

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH	
		80				UNII-5 CH7	UNII-8 CH215
484+242	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	
		160				UNII-5 CH15	UNII-8 CH207
996+484	1		484	996		—	V
	2	484		996		V	V
	3	996			484	V	V
	4	996		484		V	—
996+484+242	1		242	484	996	—	V
	2	242		484	996	V	V
	3	484		242	996	V	V
	4	484	242		996	V	V
	5	996			242	484	V
	6	996		242		484	V
	7	996		484		242	V
	8	996		484	242		—

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH	
		320				UNII-5 CH31	UNII-8 CH191
2x996+484	1		484	996	996	—	—
	2	484		996	996	V	—
	3	996		484	996	V	—
	4	996	484		996	V	—
	5	996		996		484	—
	6	996		996	484		—
	7		484	996	996	—	V
	8		484	996	996	—	V
	9		996		484	996	—
	10		996	484		996	—
	11		996	996		484	—
	12		996	996	484	—	—
3x996	1		996	996	996	—	V
	2	996		996	996	V	V
	3	996		996	996	V	V
	4	996		996		V	—
3x996+484	1		484	996	996	—	V
	2	484		996	996	V	V
	3	996		484	996	V	V
	4	996	484		996	V	V
	5	996		996		484	V
	6	996		996	484		V
	7	996		996		484	V
	8	996		996	484		—

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

Radio 3 (Indoor Access Point)

Worst case of MRU(puncturing) evaluation procedure (Used Radiated EIRP/PSD)

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 steps 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 Radio 1 and Radio 3 (Standard Power Access Point)

Worst case of MRU(puncturing) evaluation procedure (Used Conducted EIRP/PSD)

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 steps 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.	Port	Brand	Model Name	Antenna Type	Connector	Support	Radio	Remark
1	1/2/3/4	Extreme Networks	AI-TP05360	MIMO-Directional Panel	SMA ST. Plug	2.4G & 5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
2	1/2/3/4	Extreme Networks	AI-TQ08055	Sector	RP- SMA	2.4G & 5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
3	1/2/3/4	Extreme Networks	AIO-HQ17020	MIMO-Directional Panel	SMA Female	5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
4	1/2/3/4	Extreme Networks	AIO-DQ15021-RPS MA	MIMO-Directional Panel	Reverse SMA	2.4G & 5G Low + 5G Full & 5G High	Radio 1+Radio 2	External Ant.
5	1	WNC	95XPAM15.G84	PIFA	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
6	2	WNC	95XPAM15.G85	PIFA	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
7	3	WNC	95XPAM15.G87	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
8	4	WNC	95XPAM15.G88	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
9	1	WNC	95XPAM15.G56	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	Internal Ant.
10	2	WNC	95XPAM15.G57	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	Internal Ant.
11	1	WNC	95XPAM15.G53	PIFA	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
12	2	WNC	95XPAM15.G54	PIFA	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
13	3	WNC	95XPAM15.GAM	Alford loop	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
14	4	Extreme Networks	AI-TS06360	Dipole	RP-SMA	BT+802.15.4	Radio 5	External Ant.
15	1	WNC	95XPAM15.G81	PIFA	I-Pex	UWB	Radio 6	Internal Ant.
16	2	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
17	3	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
18	4	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.

Ant.	POL	Port	Antenna peak gain (dBi)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	2	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	3	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	4	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	5	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	2	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	3	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	4	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	5	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	2	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	3	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	4	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	5	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	7	6	6	-	-	-	-	6	6	-	-	-
	H-POL	2	7	6	6	-	-	-	-	6	6	-	-	-
	V-POL	3	7	6	6	-	-	-	-	6	6	-	-	-
	H-POL	4	7	6	6	-	-	-	-	6	6	-	-	-
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	6	6	6	6	-	-	-	-	-	-	-
	H-POL	2	-	6	6	6	6	-	-	-	-	-	-	-
	V-POL	3	-	6	6	6	6	-	-	-	-	-	-	-
	H-POL	4	-	6	6	6	6	-	-	-	-	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	6	6	6	6	-	-	-
	H-POL	2	-	-	-	-	-	6	6	6	6	-	-	-
	V-POL	3	-	-	-	-	-	6	6	6	6	-	-	-
	H-POL	4	-	-	-	-	-	6	6	6	6	-	-	-
Ant 3 Radio 1 5G Low 6G High	- 45 POL	1	-	17	17	-	-	-	-	17	17	-	-	-
	+ 45 POL	2	-	17	17	-	-	-	-	17	17	-	-	-
	+ 45 POL	3	-	17	17	-	-	-	-	17	17	-	-	-
	- 45 POL	4	-	17	17	-	-	-	-	17	17	-	-	-
Ant 3 Radio 2 5G Full 5G High	- 45 POL	1	-	17	17	17	17	-	-	-	-	-	-	-
	+ 45 POL	2	-	17	17	17	17	-	-	-	-	-	-	-
	+ 45 POL	3	-	17	17	17	17	-	-	-	-	-	-	-
	- 45 POL	4	-	17	17	17	17	-	-	-	-	-	-	-
Ant 3 Radio 3 6G Full 6G Low	- 45 POL	1	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	2	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	3	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	4	-	-	-	-	-	17	17	17	17	-	-	-

Ant.	POL	Port	Antenna peak gain (dBi)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	11.1	15	15	-	-	-	-	-	-	-	-	-
	H-POL	2	11.1	15	15	-	-	-	-	-	-	-	-	-
	V-POL	3	11.1	15	15	-	-	-	-	-	-	-	-	-
	H-POL	4	11.1	15	15	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	15	15	15	15	-	-	-	-	-	-	-
	H-POL	2	-	15	15	15	15	-	-	-	-	-	-	-
	V-POL	3	-	15	15	15	15	-	-	-	-	-	-	-
	H-POL	4	-	15	15	15	15	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	5.8	4.39	4.54	5.28	-	-	-
Ant 6	-	2	-	-	-	-	-	4.31	5.13	4.62	4.43	-	-	-
Ant 7	-	3	-	-	-	-	-	5.41	5.06	3.5	4.6	-	-	-
Ant 8	-	4	-	-	-	-	-	4.15	3.89	2.42	3.55	-	-	-
Ant 9	-	1	2.42	4.11	4.34	5.46	3.49	3.46	4.88	5.13	4.76	-	-	-
Ant 10	-	2	2.86	3.32	3.52	3.7	4.34	5.68	4.13	4.75	4.59	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	3.6	3.6	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	5.7	5.7	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	2.7	2.7	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	3.04	3.04	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	4.7
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	5.4
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	4.8
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	4.4



Ant.	POL	Port	Antenna cable loss (dB)																	
			Main PCB to External Antenna Connector Loss					Radio 1: Main PCB to External Antenna Connector Loss Radio 3: Main PCB to Switch Board Loss				Radio 3: Switch Board to External Antenna Connector Loss				Antenna 3 Cable Loss		Main PCB to External Antenna Connector Loss		UWB
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-5	UNII-6	UNII-7	UNII-8	5G Ant.	6G Ant.	BT	802.15.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	2	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	3	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	4	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	5	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	5	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	5	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	H-POL	2	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	V-POL	3	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	H-POL	4	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	V-POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	H-POL	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	V-POL	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	H-POL	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
Ant 3 Radio 1 5G Low 6G High	- 45 POL	1	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
	+ 45 POL	2	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
	+ 45 POL	3	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
	- 45 POL	4	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
Ant 3 Radio 2 5G Full 5G High	- 45 POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	+ 45 POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	+ 45 POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	- 45 POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	- 45 POL	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-



Ant 3 Radio 3 6G Full 6G Low	+ 45 POL	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-
	+ 45 POL	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-
	- 45 POL	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-



Ant.	POL	Port	Antenna cable loss (dB)																	
			Main PCB to External Antenna Connector Loss					Radio 1: Main PCB to External Antenna Connector Loss Radio 3: Main PCB to Switch Board Loss				Radio 3: Switch Board to External Antenna Connector Loss				Antenna 3 Cable Loss		Main PCB to External Antenna Connector Loss		UWB
			2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-5	UNII-6	UNII-7	UNII-8	5G Ant.	6G Ant.	BT	802.15.4	
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	2	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	V-POL	3	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	4	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	V-POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-
Ant 6	-	2	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-
Ant 7	-	3	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-
Ant 8	-	4	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-
Ant 9	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 10	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.09	1.09	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Ant.	POL	Port	Antenna Net Gain (dB)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	2	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	3	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	4	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	5	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	2	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	3	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	4	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	5	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	2	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	3	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	4	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	5	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
	H-POL	2	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
	V-POL	3	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
	H-POL	4	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
	H-POL	2	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
	V-POL	3	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
	H-POL	4	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
	H-POL	2	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
	V-POL	3	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
	H-POL	4	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
Ant 3 Radio 1 5G Low 6G High	- 45 POL	1	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
	+ 45 POL	2	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
	+ 45 POL	3	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
	- 45 POL	4	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
Ant 3 Radio 2 5G Full 5G High	- 45 POL	1	-	14	14	14	14	-	-	-	-	-	-	-
	+ 45 POL	2	-	14	14	14	14	-	-	-	-	-	-	-
	+ 45 POL	3	-	14	14	14	14	-	-	-	-	-	-	-
	- 45 POL	4	-	14	14	14	14	-	-	-	-	-	-	-
Ant 3 Radio 3 6G Full 6G Low	- 45 POL	1	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
	+ 45 POL	2	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
	+ 45 POL	3	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
	- 45 POL	4	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-

Ant.	POL	Port	Antenna Net Gain (dB)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	H-POL	2	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	V-POL	3	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	H-POL	4	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	H-POL	2	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	V-POL	3	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	H-POL	4	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	3.07	1.66	1.81	2.55	-	-	-
Ant 6	-	2	-	-	-	-	-	1.58	2.4	1.89	1.7	-	-	-
Ant 7	-	3	-	-	-	-	-	2.68	2.33	0.77	1.87	-	-	-
Ant 8	-	4	-	-	-	-	-	1.42	1.16	-0.31	0.82	-	-	-
Ant 9	-	1	2.42	4.11	4.34	5.46	3.49	3.46	4.88	5.13	4.76	-	-	-
Ant 10	-	2	2.86	3.32	3.52	3.7	4.34	5.68	4.13	4.75	4.59	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	3.6	3.6	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	5.7	5.7	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	2.7	2.7	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	1.95	1.95	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	4.7
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	5.4
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	4.8
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	4.4

Ant.		Composite Gain (dBi) for 4TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 5-8 Radio 3 6G Full 6G Low	DG [1SS]	-	-	-	-	-	6.11	5.89	4.62	5.39
	DG [4SS]	-	-	-	-	-	5.8	5.13	4.62	5.28

Ant.		Composite Gain (dBi) for 2TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 5~8 Radio 3 6G Full 6G Low	DG [1SS]	-	-	-	-	-	6.33	6.5	5.7	5.91
	DG [2SS]	-	-	-	-	-	5.8	5.13	4.62	5.28
Ant 9~10 Radio 4 Scan	DG [1SS]	4.23	5.88	6.57	7.04	5.34	5.85	4.88	5.32	4.76
	DG [2SS]	2.86	4.11	4.34	5.46	4.34	5.68	4.88	5.13	4.76



Note 1: The EUT has eighteen antennas.

Note 2: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

Note 3: The 6GHz function of antenna 2 is not enabled at this time.

Note 4: BT= Bluetooth.

For 2.4GHz function:

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

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 1)

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive simultaneously.

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

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 9~10 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 1_Low and)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 1_Low and)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 1_Low and)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 2)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 9~10 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 1_High Band)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 1_High Band)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 1_High Band)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3_Low Band)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3_Low Band)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3_Low Band)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~8 could transmit/receive simultaneously.



For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)

Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 9~10 could transmit/receive simultaneously.

For BT function:

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

Ant. 11 or Ant.12 or Ant 13 or Ant 14 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 11 or Ant.12 or Ant 13 or Ant 14 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For UWB function(2TX/4RX):

Ant. 15 and Ant 17 could transmit.

Ant. 15~18 could receive.

Note 5: Directional gain information (Ant 1~4)

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

**1.1.4 Mode Test Duty Cycle****Test Mode 1: R1_Standard Power Access Point**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.899	0.46	305u	5k
802.11be EHT80_Nss 1,(M0)	0.897	0.47	295.625u	5k
802.11be EHT160_Nss 1,(M0)	0.895	0.48	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.9	0.46	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.899	0.46	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.896	0.48	294.375u	5k
802.11be EHT20_Nss 4,(M0)	0.902	0.45	320.625u	5k
802.11be EHT40_Nss 4,(M0)	0.9	0.46	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.9	0.46	308.75u	5k
802.11be EHT160_Nss 4,(M0)	0.901	0.45	308.75u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.899	0.46	305u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.897	0.47	295.625u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.895	0.48	291.25u	5k

Test Mode 2: R3_Standard Power Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.908	0.42	322.5u	10k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305u	10k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295u	10k
802.11be EHT160_Nss 1,(M0)	0.901	0.45	291.25u	10k
802.11be EHT320_Nss 1,(M0)	0.902	0.45	291.25u	10k
802.11be EHT20_Nss 2,(M0)	0.905	0.43	311.875u	10k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.25u	10k
802.11be EHT80_Nss 2,(M0)	0.904	0.44	298.75u	10k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	294.375u	10k
802.11be EHT320_Nss 2,(M0)	0.905	0.43	298.75u	10k
802.11be EHT20_Nss 4,(M0)	0.906	0.43	320.625u	10k
802.11be EHT40_Nss 4,(M0)	0.907	0.42	313.125u	10k
802.11be EHT80_Nss 4,(M0)	0.906	0.43	308.75u	10k
802.11be EHT160_Nss 4,(M0)	0.906	0.43	308.75u	10k
802.11be EHT320_Nss 4,(M0)	0.908	0.42	313.125u	10k
802.11be EHT20-BF_Nss 1,(M0)	0.908	0.42	322.5u	10k
802.11be EHT40-BF_Nss 1,(M0)	0.905	0.43	305u	10k
802.11be EHT80-BF_Nss 1,(M0)	0.903	0.44	295u	10k
802.11be EHT160-BF_Nss 1,(M0)	0.901	0.45	291.25u	10k
802.11be EHT320-BF_Nss 1,(M0)	0.902	0.45	291.25u	10k

**Test Mode 3: R1_ Standard Power Access Point**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.899	0.46	305u	5k
802.11be EHT80_Nss 1,(M0)	0.897	0.47	295.625u	5k
802.11be EHT160_Nss 1,(M0)	0.895	0.48	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.9	0.46	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.899	0.46	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.896	0.48	294.375u	5k
802.11be EHT20_Nss 4,(M0)	0.902	0.45	320.625u	5k
802.11be EHT40_Nss 4,(M0)	0.9	0.46	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.9	0.46	308.75u	5k
802.11be EHT160_Nss 4,(M0)	0.901	0.45	308.75u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.902	0.45	322.5u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.899	0.46	305u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.897	0.47	295.625u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.895	0.48	291.25u	5k

Test Mode 4: R3_ Standard Power Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295u	5k
802.11be EHT160_Nss 1,(M0)	0.901	0.45	291.25u	5k
802.11be EHT320_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.905	0.43	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.904	0.44	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	294.375u	5k
802.11be EHT320_Nss 2,(M0)	0.905	0.43	298.75u	5k
802.11be EHT20_Nss 4,(M0)	0.906	0.43	320.625u	5k
802.11be EHT40_Nss 4,(M0)	0.907	0.42	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.906	0.43	308.75u	5k
802.11be EHT160_Nss 4,(M0)	0.906	0.43	308.75u	5k
802.11be EHT320_Nss 4,(M0)	0.908	0.42	313.125u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.905	0.43	305u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.903	0.44	295u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.901	0.45	291.25u	5k
802.11be EHT320-BF_Nss 1,(M0)	0.902	0.45	291.25u	5k

**Test Mode 5: R3 Indoor Access Point: Non-beamforming**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.912	0.4	325u	10k
802.11be EHT40_Nss 1,(M0)	0.909	0.41	307.5u	10k
802.11be EHT80_Nss 1,(M0)	0.907	0.42	297.5u	10k
802.11be EHT160_Nss 1,(M0)	0.903	0.44	292.5u	10k
802.11be EHT320_Nss 1,(M0)	0.906	0.43	292.5u	10k
802.11be EHT20_Nss 2,(M0)	0.906	0.43	312.5u	10k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	307.5u	10k
802.11be EHT80_Nss 2,(M0)	0.906	0.43	298.75u	10k
802.11be EHT160_Nss 2,(M0)	0.904	0.44	295u	10k
802.11be EHT320_Nss 2,(M0)	0.903	0.44	298.75u	10k
802.11be EHT20_Nss 4,(M0)	0.906	0.43	321.25u	10k
802.11be EHT40_Nss 4,(M0)	0.908	0.42	313.75u	10k
802.11be EHT80_Nss 4,(M0)	0.909	0.41	310u	10k
802.11be EHT160_Nss 4,(M0)	0.909	0.41	310u	10k
802.11be EHT320_Nss 4,(M0)	0.91	0.41	313.75u	10k

Test Mode 6: R3 Indoor Access Point: Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss 1,(M0)	0.95	0.22	2.951m	500
802.11be EHT40-BF_Nss 1,(M0)	0.928	0.32	4.395m	300
802.11be EHT80-BF_Nss 1,(M0)	0.962	0.17	4.166m	300
802.11be EHT160-BF_Nss 1,(M0)	0.936	0.29	4.834m	300
802.11be EHT320-BF_Nss 1,(M0)	0.964	0.16	4.837m	300

Test Mode 7: R3 Indoor Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295.625u	5k
802.11be EHT160_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT320_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.904	0.44	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.903	0.44	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	294.375u	5k
802.11be EHT320_Nss 2,(M0)	0.905	0.43	298.75u	5k

**Test Mode 8: R4_Standard Power Access Point**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295.625u	5k
802.11be EHT160_Nss 1,(M0)	0.901	0.45	291.25u	5k
802.11be EHT320_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.905	0.43	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.903	0.44	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	294.375u	5k
802.11be EHT320_Nss 2,(M0)	0.905	0.43	298.75u	5k

Test Mode 9: R3_Standard Power Access Point (MRU (puncturing))

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.968	0.14	999.375u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.969	0.14	999.375u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.971	0.13	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 2,(M0),3xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 2,(M0),3xRU996	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 2,(M0),2xRU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.968	0.14	999.375u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 4,(M0),3xRU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 4,(M0),3xRU996	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 4,(M0),2xRU996+RU484	0.97	0.13	999.375u	2k

Test Mode 10: R3_Standard Power Access Point (MRU (puncturing))

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.97	0.13	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.968	0.14	999.375u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 2,(M0),3xRU996+RU484	0.971	0.13	999.375u	2k



Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT320_Nss 2,(M0),3xRU996	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 2,(M0),2xRU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 4,(M0),3xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 4,(M0),2xRU996+RU484	0.97	0.13	999.375u	2k

Test Mode 11: R3_Indoor Access Point (MRU (puncturing))

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.971	0.13	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.972	0.12	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.972	0.12	998.75u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 1,(M0),3xRU996	0.972	0.12	998.75u	2k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.971	0.13	996.25u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.968	0.14	996.25u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.968	0.14	996.25u	2k
802.11be EHT320_Nss 2,(M0),3xRU996+RU484	0.972	0.12	996.563u	2k
802.11be EHT320_Nss 2,(M0),3xRU996	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 2,(M0),2xRU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.968	0.14	994.063u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484+RU242	0.968	0.14	994.063u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.968	0.14	994.063u	2k
802.11be EHT320_Nss 4,(M0),3xRU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 4,(M0),3xRU996	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 4,(M0),2xRU996+RU484	0.969	0.14	998.75u	2k

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From Power Adapter or PoE		
Beamforming Function	☒	With beamforming	☐ Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz (Radio 1), n/ac/ax/be in 5GHz (Radio 1, 2) and ax/be in 6GHz (Radio 1, 3).		
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 for Radio 1, 3	
	☒	Unsupported for Scanning Radio 4	
	Note: The EUT doesn't support puncturing for CBP.		
Support RU	☒	Full RU for Radio 1, 3 and Scanning Radio 4	☒ Partial RU for Radio 1, 3
Test Software Version	Mtool 3.4.1.0		
Software / Firmware Version for CBP	For Radio 3: IQ Engine 10.8r7 trunk build-9cb47b9-dbg For Radio 4: 5.04L.04p3		

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Support Function

Function
AP
Bridge
Mesh

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

Note2: The above information was declared by manufacturer.

1.1.7 Table for Radio Function

Radio (R)	WLAN 2.4GHz	5GHz	Scanning radio (WLAN 2.4GHz / 5GHz / 6GHz)	6GHz	Bluetooth / IEEE802.15.4	UWB
R1	V (AP, Bridge, Mesh)	V (AP for UNII 1~2A, Bridge, Mesh for UNII 1)	-	V (AP for 6GHz UNII 7~8/6SD External ant.)	-	-
R2	-	V (AP for UNII 1~3 or UNII 2C~3 / Bridge, Mesh for UNII 3)	-	-	-	-
R3	-	-	-	V (AP for 6GHz UNII 5~8 or UNII 5/6ID Internal ant.&6SD External ant.)	-	-
R4	-	-	V (AP, for 2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8/6ID Internal ant.&6SD Internal ant.)	-	-	-
R5	-	-	-	-	V	-
R6	-	-	-	-	-	V

Note 1: The above information was declared by manufacturer.

Note 2: R means Radio



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 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v03
- ♦ 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 ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)				
(TAF: 3787) TEL: 886-3-656-9065 FAX: 886-3-656-9085				
Test site Designation No. TW3787 with FCC.				
Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH03-CB	Brian Sun	20.4~22.3 / 64~66	Oct. 31, 2025~ Mar. 13, 2026
RF Radiated Below 1GHz	10CH01-CB	Richard Pai	23~24 / 59~60	Apr. 02, 2026~ Apr. 03, 2026
Radiated Above 1GHz (for R1)	03CH03-CB	Gordon Hung	21.6~23.1 / 58~62	Nov. 08, 2025~ Feb. 28, 2026
Radiated Above 1GHz (for R3)	03CH01-CB 03CH02-CB 03CH03-CB 03CH04-CB 03CH05-CB 03CH06-CB	Gordon Hung	21.3~22.3 / 58~61 21.5~23.3 / 58~61 21.6~23.1 / 58~62 21.4~22.6 / 57~61 21.5~22.9 / 57~60 21.9~23.1 / 60~62	Nov. 08, 2025~ Feb. 28, 2026
Radiated Above 1GHz (for R4)	03CH02-CB 03CH06-CB	Gordon Hung	21.5~23.3 / 58~61 21.9~23.1 / 60~62	Nov. 08, 2025~ Feb. 28, 2026
Radiated Above 1GHz (for MRU(puncturing))	03CH01-CB 03CH02-CB 03CH03-CB	Gordon Hung	21.3~22.3 / 58~61 21.5~23.3 / 58~61 21.6~23.1 / 58~62	Nov. 08, 2025~ Feb. 28, 2026
AC Conduction	CO01-CB	Ryan Huang	24~25 / 57~58	Feb. 05, 2026~ Feb. 20, 2026
RF Conducted (Contention-Based Protocol test)	DF02-CB	Eddie Weng	21.6~22.9 / 59~64	Apr. 13, 2026~ Apr. 29, 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)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Mode 1: R1_Standard Power Access Point

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_1TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_1TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6665MHz
802.11be EHT20_Nss1,(MCS0)_2TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_2TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6665MHz
802.11be EHT20_Nss2,(MCS0)_2TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss2,(MCS0)_2TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss2,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6665MHz



802.11be EHT20_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6665MHz
802.11be EHT20_Nss4,(MCS0)_4TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss4,(MCS0)_4TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss4,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss4,(MCS0)_4TX
6665MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
6595MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
6605MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6665MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
6605MHz
6685MHz



6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6665MHz

Test Mode 2: R3_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
6265MHz
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
6265MHz
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
6265MHz
802.11be EHT20_Nss1,(MCS0)_4TX



5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz



802.11be EHT160_Nss4,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss4,(MCS0)_4TX
6105MHz
6265MHz
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
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz



6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz

Test Mode 3: R1_Standard Power Access Point

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_1TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_1TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6665MHz
802.11be EHT20_Nss1,(MCS0)_2TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_2TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6665MHz
802.11be EHT20_Nss2,(MCS0)_2TX



6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss2,(MCS0)_2TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss2,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6665MHz
802.11be EHT20_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6665MHz
802.11be EHT20_Nss4,(MCS0)_4TX
6595MHz
6695MHz
6855MHz
802.11be EHT40_Nss4,(MCS0)_4TX
6605MHz
6685MHz
6845MHz
802.11be EHT80_Nss4,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss4,(MCS0)_4TX
6665MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
6595MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
6605MHz
6685MHz
6845MHz



802.11be EHT80-BF_Nss1,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6665MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
6605MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6665MHz

Test Mode 4: R3_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
6265MHz
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
6265MHz
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
6265MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss4,(MCS0)_4TX



5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss4,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss4,(MCS0)_4TX
6105MHz
6265MHz
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



6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz

Test Mode 5: R3_Indoor Access Point: Non-beamforming

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz



6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
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_Nss2,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz



7095MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
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
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz



6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5955MHz
6195MHz
6415MHz



6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss4,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss4,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**Test Mode 6: R3_Indoor Access Point: Beamforming**

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
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



6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz



6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

Test Mode 7: R3_Indoor Access Point

Mode
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
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
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
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

Test Mode 8: R4_Standard Power Access Point

Mode
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
6265MHz
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
6265MHz

Test Mode 9: R3_Standard Power Access Point (MRU (puncturing))

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_1TX
6105MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 4_2TX



5985MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX
6025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 4_2TX
6025MHz
802.11be EHT320_Nss2,(MCS0),3xRU996+RU484 MRU 8_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),2xRU996+RU484 MRU 6_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT320_Nss4,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz

Test Mode 10: R3_Standard Power Access Point (MRU (puncturing))

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_1TX



6105MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 4_2TX
5985MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX
6025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 4_2TX
6025MHz
802.11be EHT320_Nss2,(MCS0),3xRU996+RU484 MRU 8_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),2xRU996+RU484 MRU 6_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT320_Nss4,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz

Test Mode 11: R3_ Indoor Access Point (MRU (puncturing))

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX



6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_1TX
6105MHz
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 5_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_1TX
6905MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 4_2TX
5985MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
7025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX
6025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 4_2TX
6025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 3_2TX
6985MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX
6985MHz
802.11be EHT320_Nss2,(MCS0),3xRU996+RU484 MRU 8_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),2xRU996+RU484 MRU 6_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),3xRU996+RU484 MRU 5_2TX
6905MHz
802.11be EHT320_Nss2,(MCS0),3xRU996 MRU 2_2TX
6905MHz
802.11be EHT320_Nss2,(MCS0),2xRU996+RU484 MRU 9_2TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_4TX



6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 5_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX
6905MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 3_4TX
6985MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT320_Nss4,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),3xRU996+RU484 MRU 5_4TX
6905MHz
802.11be EHT320_Nss4,(MCS0),3xRU996 MRU 2_4TX
6905MHz
802.11be EHT320_Nss4,(MCS0),2xRU996+RU484 MRU 9_4TX
6905MHz

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.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 2.4GHz_Internal Ant.)+R5(BT: Internal Ant. 11)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
2	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 11)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
3	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 6GHz_Internal Ant.)+R5(BT: Internal Ant. 11)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
Mode 2 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4~6 will follow this same test mode.	
4	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 12)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
5	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
6	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: External Ant. 14)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
Mode 5 has been evaluated to be the worst case between Mode 1~6, thus measurement for Mode 7 will follow this same test mode.	
7	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(IEEE802.15.4: Internal Ant. 13)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
Mode 5 has been evaluated to be the worst case between Mode 1~7, thus measurement for Mode 8 will follow this same test mode.	
8	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_External Ant. 3 in Y axis)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
Mode 5 has been evaluated to be the worst case between Mode 1~8, thus measurement for Mode 9~12 will follow this same test mode.	
9	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+Eth0(LAN)+PoE(Powered from Eth1 port)
10	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+PoE(Powered from Eth0+Eth1 port)-testing Eth0



11	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+PoE(Powered from Eth0+Eth1 port)-testing Eth1
12	EUT+R1(2.4GHz_Ant.4 in Y axis)+R2(5GHz full_Ant.4 in Y axis)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+Eth1(PSE out)+adatper
"R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+Eth1(PSE out)+PoE(Powered from Eth0 port)" has been evaluated to be the worst case among Mode 1~11, thus measurement for Mode 13, 15 will follow this same test mode. "R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)" has been evaluated to be the worst case among Mode 1~12, thus measurement for Mode 14, 16 will follow this same test mode.	
13	EUT+R1(5GHz low band_Ant.3)+R2(5GHz high band_Ant. 4)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Internal Ant. 13)+R6(UWB)+PoE(Powered from Eth0+Eth1 port)-testing Eth1
14	EUT+R1(5GHz low band_Ant.3)+R2(5GHz high band_Ant. 4)+R3(6GHz full band_Internal Ant.)+R4(Scanning 5GHz_Internal Ant.)+R5(BT: Ant. 13)+R6(UWB)+Eth1(PSE out)+adaper
15	EUT+R1(6GHz high band_Ant.3 in Y axis)+R2(5GHz full band_Ant. 4 in Y axis)+R3(6GHz Low band_Internal Ant.)+R4(Scanning 5GHz)+R5(BT: Internal Ant. 13)+R6(UWB)+PoE(Powered from Eth0+Eth1 port)-testing Eth1
16	EUT+R1(6GHz high band_Ant.3 in Y axis)+R2(5GHz full band_Ant. 4 in Y axis)+R3(6GHz Low band_Internal Ant.)+R4(Scanning 5GHz)+R5(BT: Internal Ant. 13)+R6(UWB)+adapter
For operating mode 5 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 (External: Ant. 1) / R1_Standard Power Access Point
2	EUT (External: Ant. 1) / R3_Standard Power Access Point
3	EUT (External: Ant. 3) / R1_Standard Power Access Point
4	EUT (External: Ant. 3) / R3_Standard Power Access Point
5	EUT (Internal) / R3_Indoor Access Point: Non-beamforming
6	EUT (Internal) / R3_Indoor Access Point: Beamforming
7	EUT (Internal) / R4_Indoor Access Point
8	EUT (Internal) / R4_Standard Power Access Point

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)
Test Condition	For External Ant. (Standard Power Access Point): Radio 1, Radio 3 For Internal Ant.: Scanning Radio 4 Conducted measurement at transmit chains
	For Internal Ant. (Indoor Access Point): Radio 3 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 (External: Ant. 1) / R1_Standard Power Access Point
2	EUT (External: Ant. 1) / R3_Standard Power Access Point
3	EUT (External: Ant. 3) / R1_Standard Power Access Point
4	EUT (External: Ant. 3) / R3_Standard Power Access Point
5	EUT in Z axis (Internal) / R3_Indoor Access Point: Non-beamforming
6	EUT in Z axis (Internal) / R3_Indoor Access Point: Beamforming
7	EUT (Internal) / R4_Indoor Access Point
8	EUT (Internal) / R4_Standard Power Access Point



The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.)
Test Condition	For External Ant. (Standard Power Access Point): Radio 1, Radio 3 For Internal Ant.: Scanning Radio 4 Conducted measurement at transmit chains
	For Internal Ant. (Indoor Access Point): Radio 3 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 (External: Ant. 1) / R1_Standard Power Access Point
2	EUT (External: Ant. 1) / R3_Standard Power Access Point
3	EUT (External: Ant. 3) / R1_Standard Power Access Point
4	EUT (External: Ant. 3) / R3_Standard Power Access Point
5	EUT in Z axis (Internal) / R3_Indoor Access Point: Non-beamforming
6	EUT in Z axis (Internal) / R3_Indoor Access Point: Beamforming
7	EUT (Internal) / R4_Indoor Access Point
8	EUT (Internal) / R4_Standard Power Access Point
9	EUT (External: Ant. 1) / R3_Standard Power Access Point (MRU (puncturing))
10	EUT (External: Ant. 3) / R3_Standard Power Access Point (MRU (puncturing))
11	EUT in Z axis (Internal) / R3_Indoor Access Point (MRU (puncturing))

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT / R3_Indoor Access Point
2	EUT / R4_Indoor 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
After evaluating, and the worst case was found as below for Unwanted Emissions above 1GHz test. So the measurement will follow this same test configuration.	
1	EUT (Internal Ant.) in Z axis / R3(6GHz)+PoE(Powered from Eth0 port)
2	EUT (Internal Ant.) in Z axis / R3(6GHz)+PoE(Powered from Eth1 port)
3	EUT (Internal Ant.) in Z axis / R3(6GHz)+PoE(Powered from Eth0+Eth1 port)
4	EUT (Internal Ant.) in Z axis / R3(6GHz)+adapter
Mode 1 has been evaluated to be the worst case between Mode 1~4, thus measurement for Mode 5~9 will follow this same test mode.	
5	EUT (Internal Ant.) in Y axis / R4(6GHz)+PoE(Powered from Eth0 port)
6	EUT (External Ant.) in Z axis + Ant. 1 in Y axis / R1(6GHz)+PoE(Powered from Eth0 port)
7	EUT (External Ant.) in Z axis + Ant. 1 in Y axis / R3(6GHz)+PoE(Powered from Eth0 port)
8	EUT (External Ant.) in Y axis + Ant. 3 in Y axis / R1(6GHz)+PoE(Powered from Eth0 port)
9	EUT (External Ant.) in Y axis + Ant. 3 in Y axis / R3(6GHz)+PoE(Powered from Eth0 port)
For operating mode 1 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 (External: Ant. 1) / R1_Standard Power Access Point
2	EUT in Z axis (External: Ant. 1) / R3_Standard Power Access Point
3	EUT in Y axis (External: Ant. 3) / R1_Standard Power Access Point
4	EUT in Y axis (External: Ant. 3) / R3_Standard Power Access Point
5	EUT in Z axis (Internal) / R3_Indoor Access Point: Non-beamforming
6	EUT in Z axis (Internal) / R3_Indoor Access Point: Beamforming
7	EUT in Y axis (Internal) / R4_Indoor Access Point
8	EUT in Y axis (Internal) / R4_Standard Power Access Point
9	EUT in Z axis (External: Ant. 1) / R3_Standard Power Access Point (MRU (puncturing))
10	EUT in Z axis (External: Ant. 3) / R3_Standard Power Access Point (MRU (puncturing))
11	EUT in Z axis (Internal) / R3_Indoor Access Point (MRU (puncturing))



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT (External: Ant. 1) / R1_Standard Power Access Point
2	EUT (External: Ant. 1) / R3_Standard Power Access Point
3	EUT (External: Ant. 3) / R1_Standard Power Access Point
4	EUT (External: Ant. 3) / R3_Standard Power Access Point
5	EUT in Z axis (Internal) / R3_Indoor Access Point: Non-beamforming
6	EUT in Z axis (Internal) / R3_Indoor Access Point: Beamforming
7	EUT (Internal) / R4_Indoor Access Point
8	EUT (Internal) / R4_Standard Power Access Point
9	EUT (External: Ant. 1) / R3_Standard Power Access Point (MRU (puncturing))
10	EUT (External: Ant. 3) / R3_Standard Power Access Point (MRU (puncturing))
11	EUT (Internal) / R3_Indoor Access Point (MRU (puncturing))

Note 1: The following test mode table is only applicable to Radio 1, 3 and is declared by the manufacturer.
The Scanning Radio 4 is tested only in 2T2S mode for all test items, as declared by the manufacturer.
Regarding the output power, please refer to Note 2, as declared by the manufacturer.

Test Mode of Radio 1, 3 (Indoor Access Point)						
Test Item	802.11be EHT20/40/80/160/320					
	1T1S	2T1S	TXBF 2T1S, 4T1S	2T2S	4T1S	4T4S
Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	V	Note2	V	V	V	V
Emission Bandwidth	V	-	V	V	V	V
Peak Power Spectral Density (E.I.R.P.)	V	-	V	V	V	V
Radiated Emission	V	-	V	V	V	V
Band Edge Emission	V	-	V	V	V	V

Test Mode of Radio 1, 3 (Standard Power Access Point)						
Test Item	802.11be EHT20/40/80/160/320					
	1T1S	2T1S	TXBF 2T1S, 4T1S	2T2S	4T1S	4T4S
Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	V	V	V	V	V	V
Emission Bandwidth	V	-	-	V	V	V
Peak Power Spectral Density (E.I.R.P.)	V	-	-	V	V	V
Radiated Emission	V	-	-	V	V	V
Band Edge Emission	V	-	-	V	V	V



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

Note 3: "R" = "Radio" ; "BT" = "Bluetooth".

Note 4: The adapter and PoE are for measurement only, would not be marketed.

The information as below:

Power	Brand	Model
Adapter	Powertron	PA1045-120HB300
PoE	Microsemi	PD-9501-10GC/AC

2.3 EUT Operation during Test

For CTX Mode:

<Non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<Beamforming mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 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 DDOS [ver 6.1.7601].
3. Executed "Lantest" to link with the remote workstation to transmit and receive packet by device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Bracket*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9501-10GC/AC	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	ETH0/POE PC	ASUS	S300TA	TX2-RTL8821CE
D	PSE Device	WNC	RLLL-M1	N/A
E	PSE Device PC	ASUS	S300TA	TX2-RTL8821CE
F	R4(SCAN 5G) NB	Lenovo	X260	N/A
G	R1(2.4G) NB	Lenovo	X260	N/A
H	R2(5G full) NB	Lenovo	X260	N/A
I	6G module	INTEL	BE200	PD9BE200NG
J	R3(6G full) NB	DELL	E7240	N/A
K	Smart phone	Apple	A2403	BCG-E3544A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9501-10GC/AC	N/A
B	PC	ASUS	S300TA	TX2-RTL8821CE

For Radiated (above 1GHz other tests), Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.)

<Non-beamforming mode>

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

<Beamforming mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Microsemi	PD-9501-10GC/AC	N/A
C	NB	DELL	E4300	N/A
D	Client	Extreme Networks	AP5022	QXO-AP5022

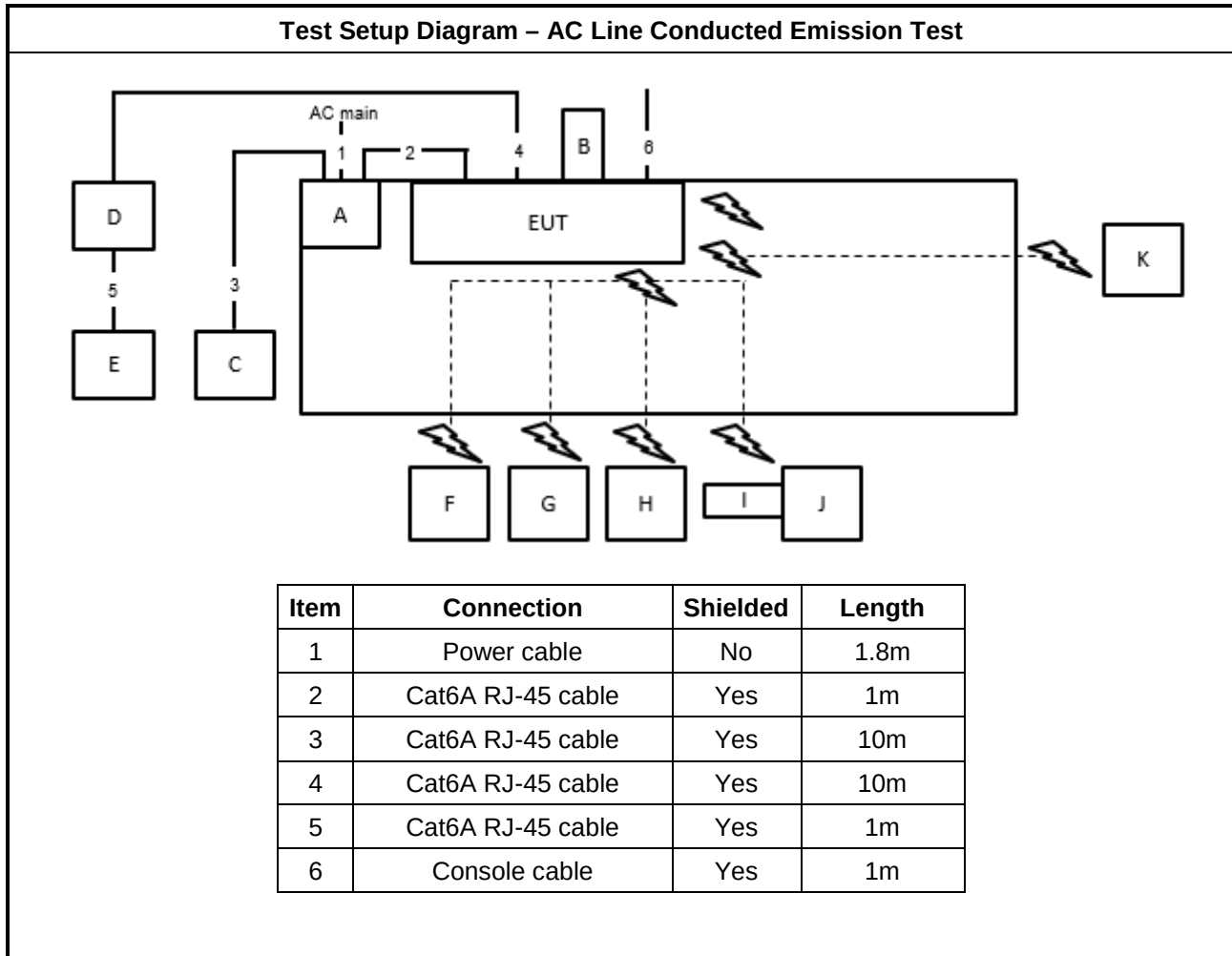
**For RF Conducted (Other tests):**

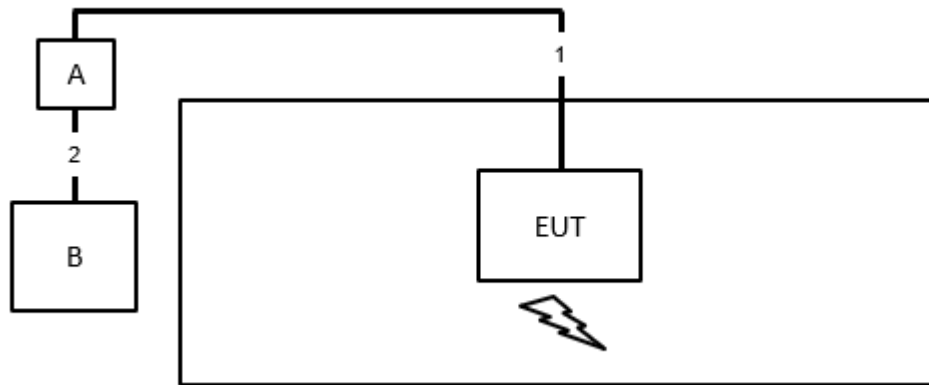
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Microsemi	PD-9501-10GC/AC	N/A

For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Qualcomm	QCNCM865	I4L-QCNCM865
D	Client	WNC	AP5060	N/A
E	Adapter	Powertron	PA1045-120HB300	N/A

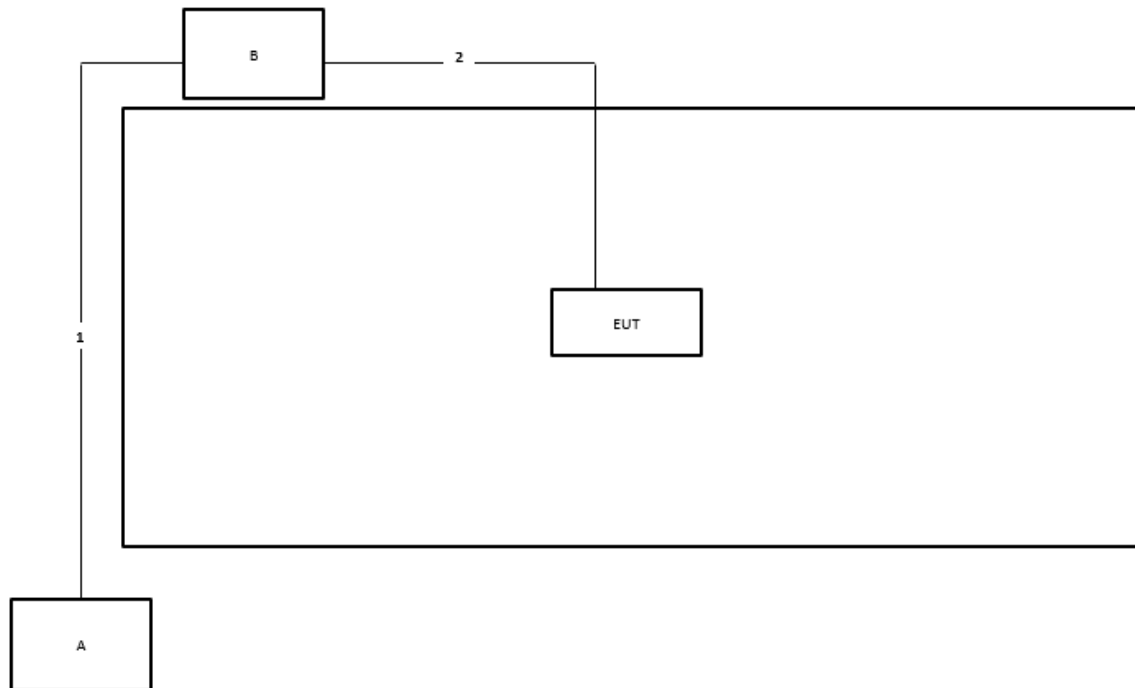
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


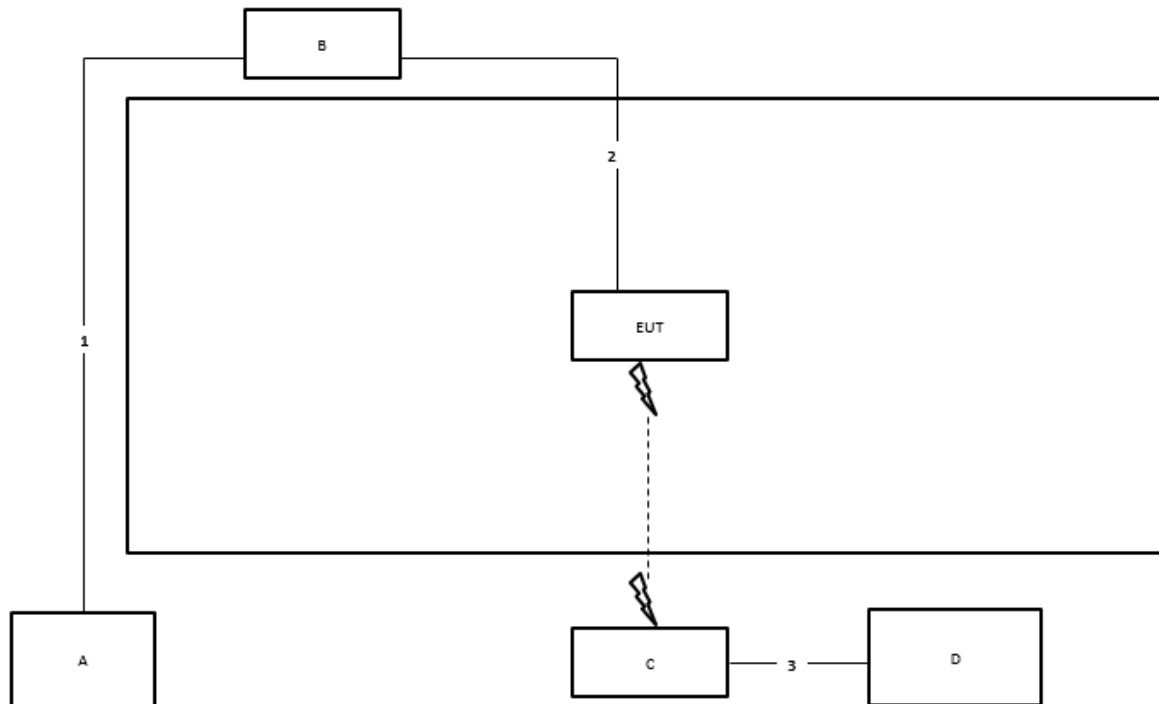
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	3m

**Test Setup Diagram - Radiated Test > 1GHz
<Non-beamforming mode>**



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

**Test Setup Diagram - Radiated Test > 1GHz
<Beamforming mode>**



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



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.

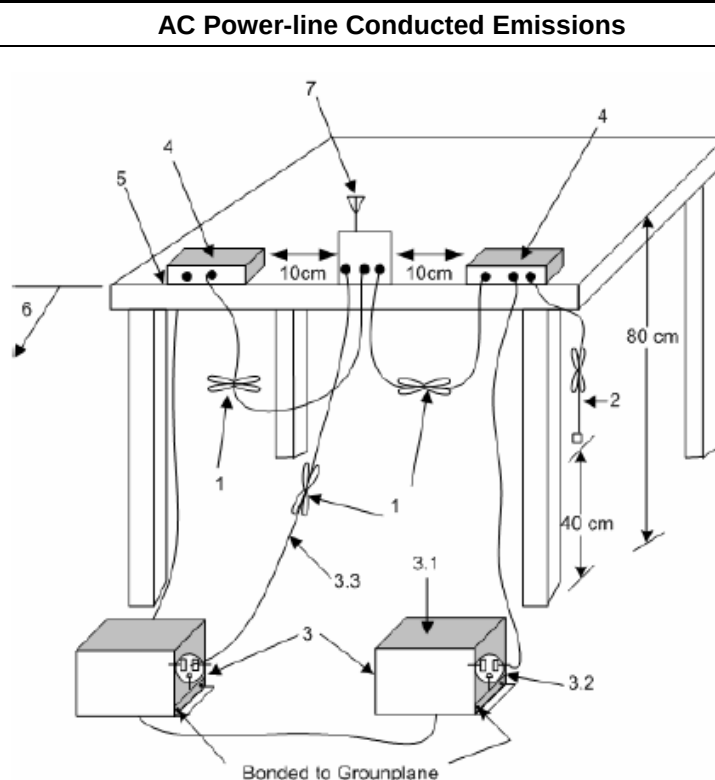
3.1.2 Measuring Instruments

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



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.

2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.

3.1—All other equipment powered from additional LISN(s).

3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.

3.3—LISN at least 80 cm from nearest part of EUT chassis.

4—Non-EUT components of EUT system being tested.

5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.

6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.

7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 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.

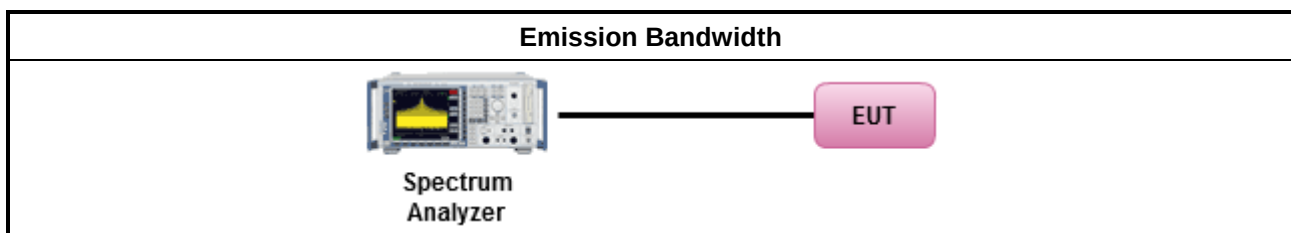
3.2.2 Measuring Instruments

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

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 Isotopically Radiated Power (E.I.R.P.)

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

Maximum Equivalent Isotopically 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.

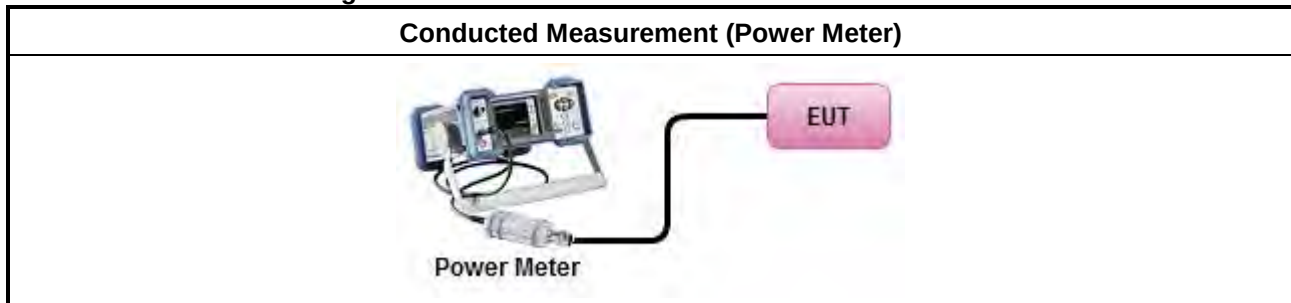
3.3.3 Test Procedures

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

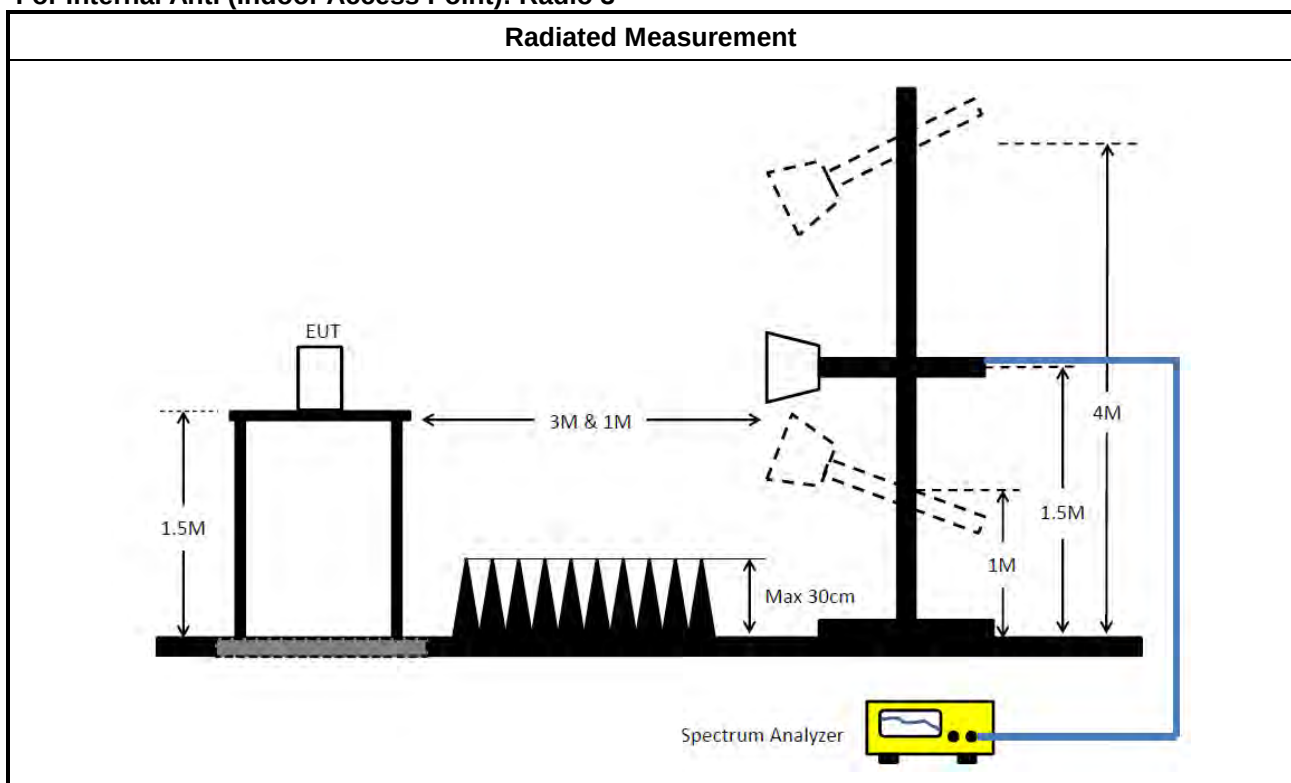
3.3.4 Test Setup

For External Ant. (Standard Power Access Point): Radio 1, Radio 3

For Internal Ant.: Scanning Radio 4



For Internal Ant. (Indoor Access Point): Radio 3



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 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 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☒ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method

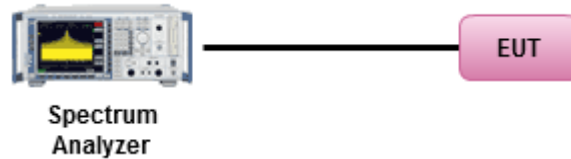
- Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.3 Test Setup

For External Ant. (Standard Power Access Point): Radio 1, Radio 3

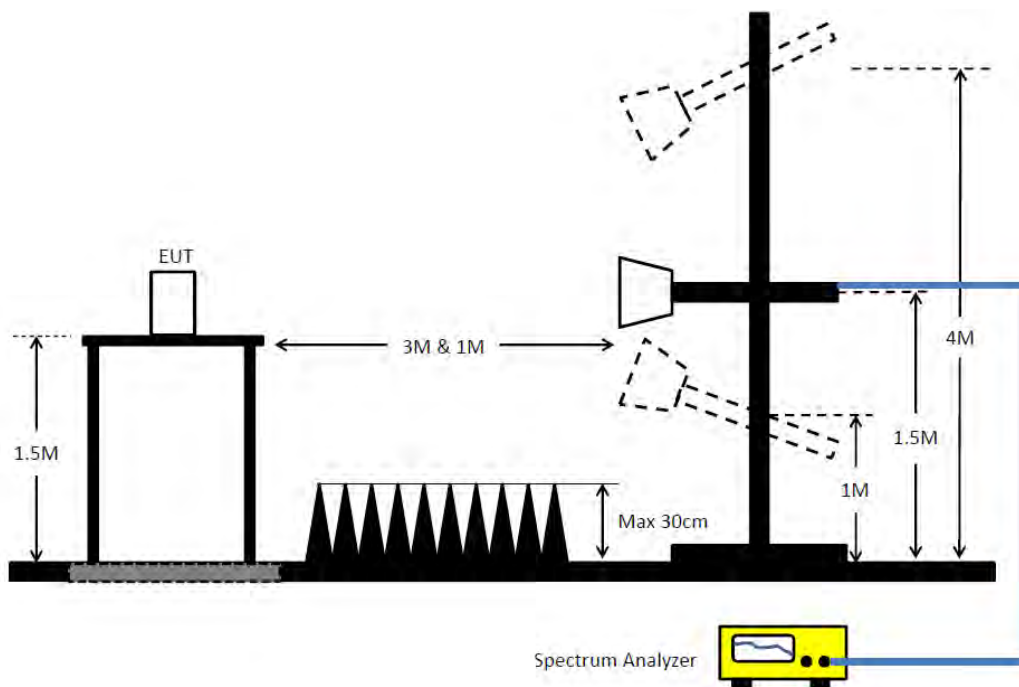
For Internal Ant.: Scanning Radio 4

Conducted Measurement



For Internal Ant. (Indoor Access Point): Radio 3

Radiated Measurement



3.4.4 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

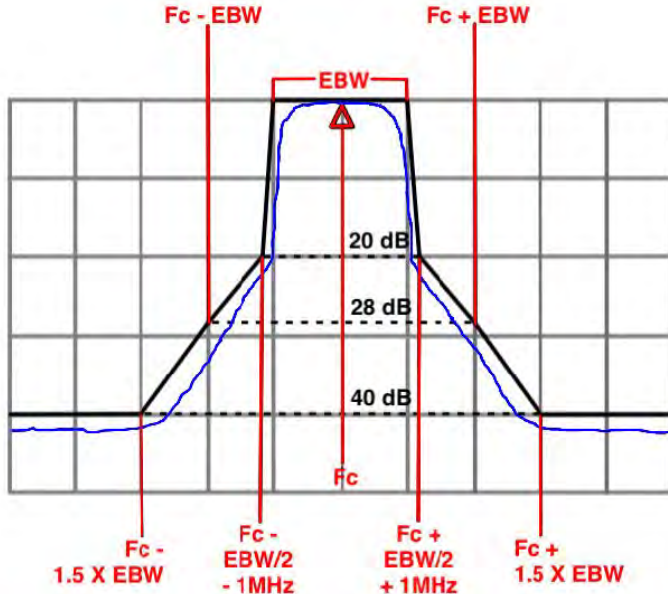
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

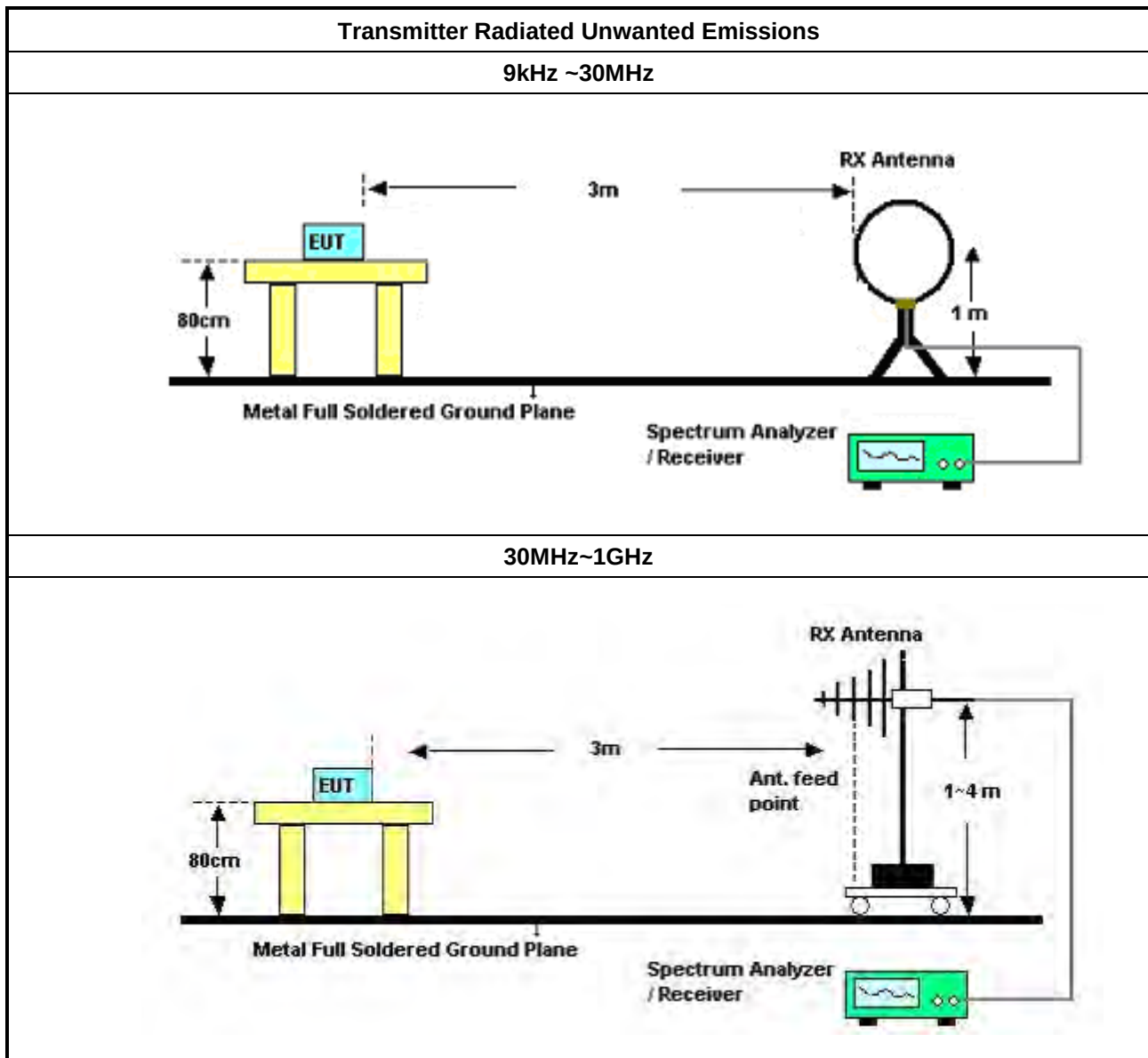
3.5.3 Test Procedures

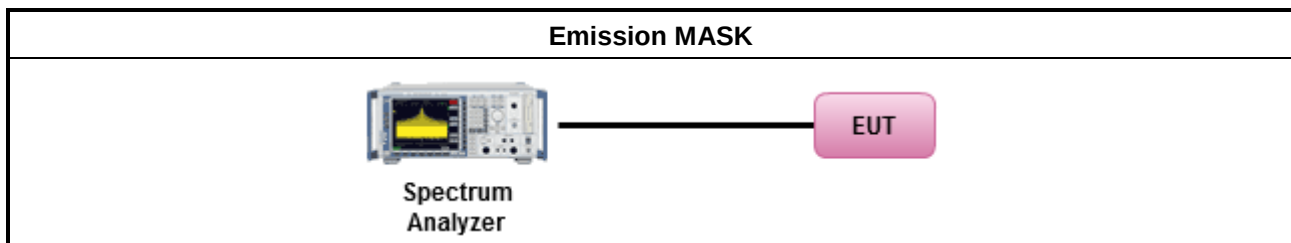
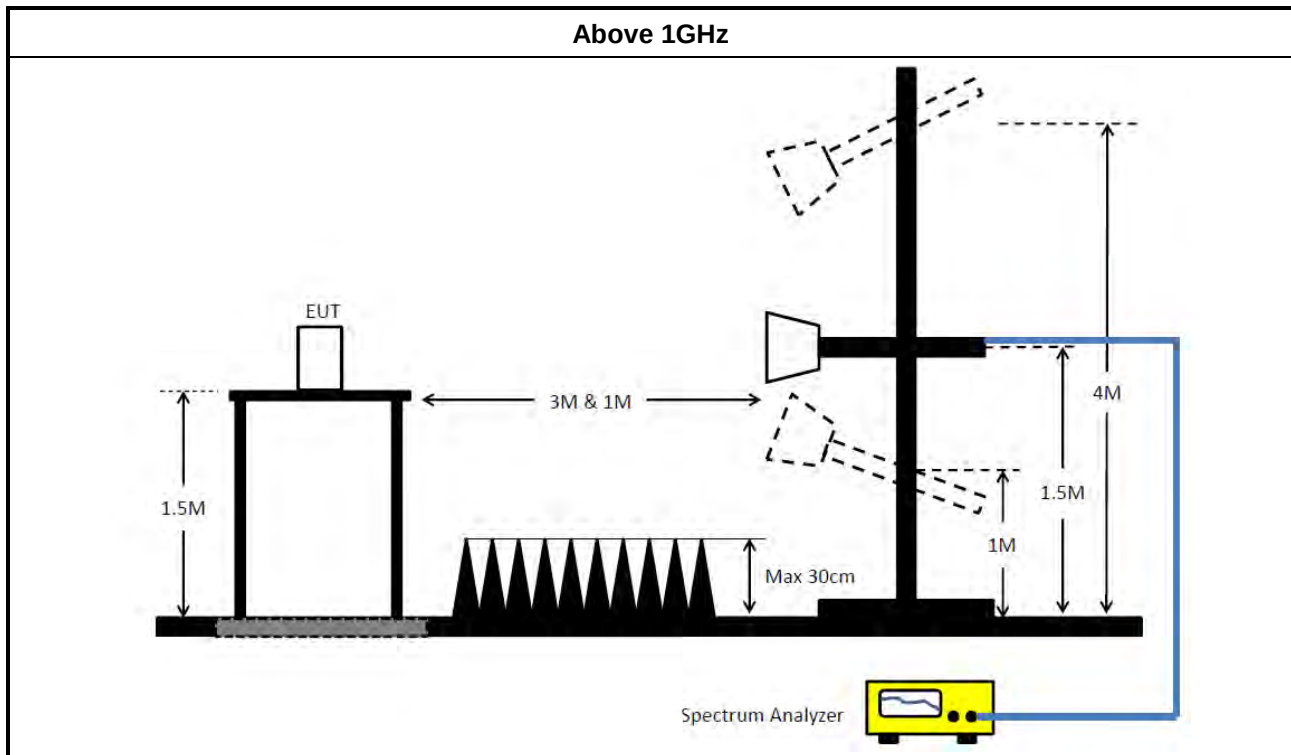
Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured 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 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, 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.	



Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033 D02, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

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.

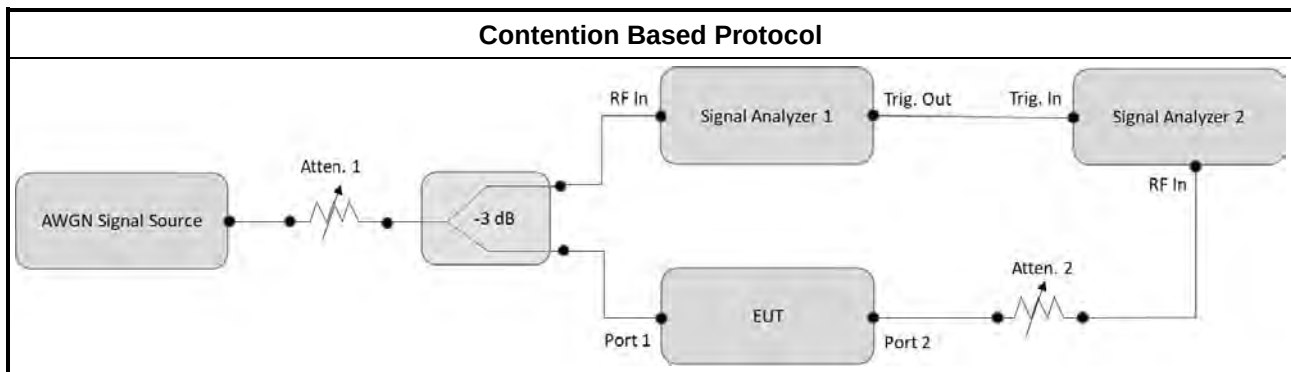
3.6.2 Measuring Instruments

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. 06, 2025	Mar. 05, 2026	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	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
EMI Test Receiver	Rohde& Schwarz	ESR7	103076	9 kHz ~ 7GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (10CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Radiation (10CH01-CB)
High Cable	TITAN	T318E	High cable01	30MHz ~ 18GHz	Nov. 14, 2025	Nov. 13, 2026	Radiation (10CH01-CB)
Bilog Ant & 6dB Attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 08, 2026	Jan. 07, 2027	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	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	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
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-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 15, 2025	Apr. 14, 2026	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101320	9kHz ~ 44GHz	Aug. 07, 2025	Aug. 06, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH02-CB)
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)



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 (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS·Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	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	SGH	SGH5265	20240911-1	1~ 26.5GHz	Sep. 18, 2025	Sep. 17, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	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	Apr. 30, 2025	Apr. 29, 2026	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. 21, 2025	Feb. 20, 2026	Radiation (03CH04-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. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	ETS·Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH04-CB)
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	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	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	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	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	Apr. 30, 2025	Apr. 29, 2026	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)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV3044	101782	10kHz ~ 44GHz	Jul. 31, 2025	Jul. 30, 2026	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1 ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 12, 2025	Nov. 11, 2026	Conduction (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Nov. 04, 2025	Nov. 03, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV02	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV04	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV05	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)

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

NCR means Non-Calibration required.



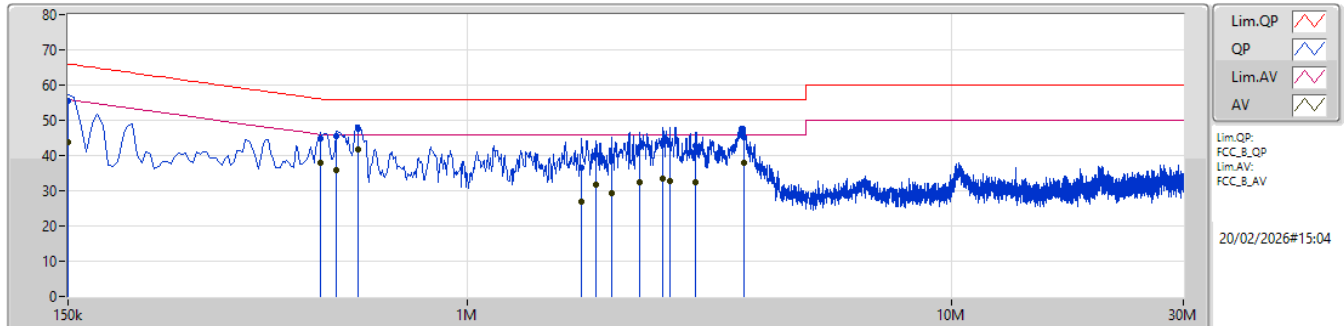
Conducted Emissions at Powerline

Appendix A

Summary

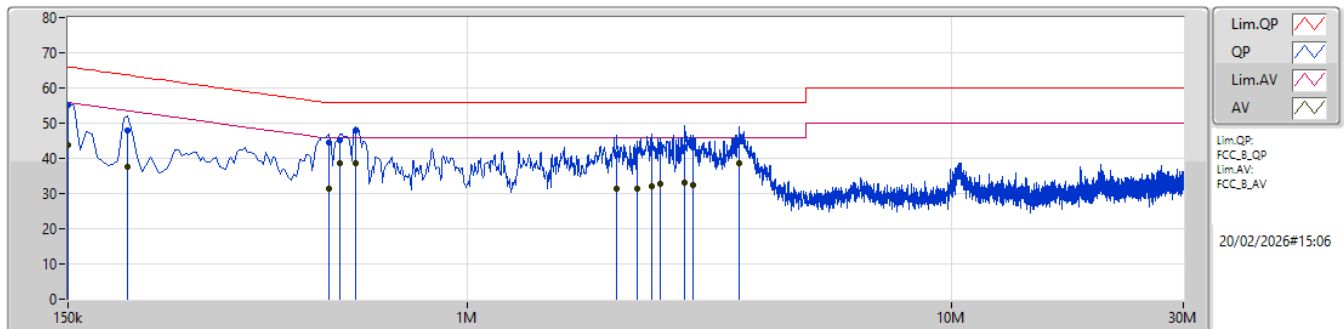
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	AV	595.5k	41.68	46.00	-4.32	Line

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	55.35	66.00	-10.65	10.03	Line	-	45.32	0.05	0.10	9.88						
AV	150k	43.80	56.00	-12.20	10.03	Line	-	33.77	0.05	0.10	9.88						
QP	496.5k	44.88	56.06	-11.18	10.09	Line	-	34.79	0.06	0.13	9.90						
AV	496.5k	38.03	46.06	-8.03	10.09	Line	-	27.94	0.06	0.13	9.90						
QP	537k	45.48	56.00	-10.52	10.09	Line	-	35.39	0.06	0.13	9.90						
AV	537k	35.86	46.00	-10.14	10.09	Line	-	25.77	0.06	0.13	9.90						
QP	595.5k	47.50	56.00	-8.50	10.09	Line	-	37.41	0.06	0.13	9.90						
AV	595.5k	41.68	46.00	-4.32	10.09	Line	"Worst"	31.59	0.06	0.13	9.90						
QP	1.721M	36.69	56.00	-19.31	10.00	Line	-	26.69	0.09	0.14	9.77						
AV	1.721M	26.74	46.00	-19.26	10.00	Line	-	16.74	0.09	0.14	9.77						
QP	1.847M	40.46	56.00	-15.54	9.99	Line	-	30.47	0.09	0.14	9.76						
AV	1.847M	31.73	46.00	-14.27	9.99	Line	-	21.74	0.09	0.14	9.76						
QP	1.986M	39.67	56.00	-16.33	9.97	Line	-	29.70	0.09	0.14	9.74						
AV	1.986M	29.21	46.00	-16.79	9.97	Line	-	19.24	0.09	0.14	9.74						
QP	2.27M	42.49	56.00	-13.51	9.98	Line	-	32.51	0.10	0.14	9.74						
AV	2.27M	32.29	46.00	-13.71	9.98	Line	-	22.31	0.10	0.14	9.74						
QP	2.535M	43.46	56.00	-12.54	9.99	Line	-	33.47	0.10	0.14	9.75						
AV	2.535M	33.30	46.00	-12.70	9.99	Line	-	23.31	0.10	0.14	9.75						
QP	2.616M	43.01	56.00	-12.99	10.00	Line	-	33.01	0.11	0.14	9.75						
AV	2.616M	32.74	46.00	-13.26	10.00	Line	-	22.74	0.11	0.14	9.75						
QP	2.963M	42.90	56.00	-13.10	10.00	Line	-	32.90	0.11	0.14	9.75						
AV	2.963M	32.55	46.00	-13.45	10.00	Line	-	22.55	0.11	0.14	9.75						
QP	3.732M	45.30	56.00	-10.70	10.03	Line	-	35.27	0.13	0.14	9.76						
AV	3.732M	38.05	46.00	-7.95	10.03	Line	-	28.02	0.13	0.14	9.76						

Mode 5



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT						
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)						
QP	150k	55.31	66.00	-10.69	10.06	Neutral	-	45.25	0.08	0.10	9.88						
AV	150k	43.86	56.00	-12.14	10.06	Neutral	-	33.80	0.08	0.10	9.88						
QP	199.5k	47.97	63.63	-15.66	9.90	Neutral	-	38.07	0.08	0.06	9.76						
AV	199.5k	37.59	53.63	-16.04	9.90	Neutral	-	27.69	0.08	0.06	9.76						
QP	519k	44.61	56.00	-11.39	10.11	Neutral	-	34.50	0.08	0.13	9.90						
AV	519k	31.21	46.00	-14.79	10.11	Neutral	-	21.10	0.08	0.13	9.90						
QP	546k	45.30	56.00	-10.70	10.11	Neutral	-	35.19	0.08	0.13	9.90						
AV	546k	38.63	46.00	-7.37	10.11	Neutral	-	28.52	0.08	0.13	9.90						
QP	586.5k	47.81	56.00	-8.19	10.11	Neutral	-	37.70	0.08	0.13	9.90						
AV	586.5k	38.69	46.00	-7.31	10.11	Neutral	"Worst"	28.58	0.08	0.13	9.90						
QP	2.031M	41.15	56.00	-14.85	9.99	Neutral	-	31.16	0.11	0.14	9.74						
AV	2.031M	31.49	46.00	-14.51	9.99	Neutral	-	21.50	0.11	0.14	9.74						
QP	2.243M	41.92	56.00	-14.08	10.00	Neutral	-	31.92	0.12	0.14	9.74						
AV	2.243M	31.28	46.00	-14.72	10.00	Neutral	-	21.28	0.12	0.14	9.74						
QP	2.396M	43.00	56.00	-13.00	10.01	Neutral	-	32.99	0.12	0.14	9.75						
AV	2.396M	32.07	46.00	-13.93	10.01	Neutral	-	22.06	0.12	0.14	9.75						
QP	2.499M	43.33	56.00	-12.67	10.02	Neutral	-	33.31	0.13	0.14	9.75						
AV	2.499M	32.73	46.00	-13.27	10.02	Neutral	-	22.71	0.13	0.14	9.75						
QP	2.81M	43.27	56.00	-12.73	10.02	Neutral	-	33.25	0.13	0.14	9.75						
AV	2.81M	33.26	46.00	-12.74	10.02	Neutral	-	23.24	0.13	0.14	9.75						
QP	2.927M	43.19	56.00	-12.81	10.03	Neutral	-	33.16	0.14	0.14	9.75						
AV	2.927M	32.51	46.00	-13.49	10.03	Neutral	-	22.48	0.14	0.14	9.75						
QP	3.638M	45.15	56.00	-10.85	10.05	Neutral	-	35.10	0.15	0.14	9.76						
AV	3.638M	38.51	46.00	-7.49	10.05	Neutral	-	28.46	0.15	0.14	9.76						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	51.48M	28.396M	28M4D1D	46.805M	25.121M
802.11be EHT20_Nss2,(MCS0)_2TX	52.91M	31.857M	31M9D1D	40.315M	19.321M
802.11be EHT20_Nss1,(MCS0)_4TX	52.91M	33.82M	33M8D1D	28.38M	19.124M
802.11be EHT20_Nss4,(MCS0)_4TX	60.335M	35.744M	35M7D1D	44.825M	19.405M
802.11be EHT40_Nss1,(MCS0)_1TX	102.41M	55.526M	55M5D1D	97.13M	44.313M
802.11be EHT40_Nss2,(MCS0)_2TX	100.1M	57.963M	58M0D1D	71.83M	38.057M
802.11be EHT40_Nss1,(MCS0)_4TX	103.95M	66.506M	66M5D1D	77.22M	38.434M
802.11be EHT40_Nss4,(MCS0)_4TX	110.44M	68.355M	68M4D1D	79.09M	38.125M
802.11be EHT80_Nss1,(MCS0)_1TX	200.86M	116.274M	116MD1D	181.72M	90.555M
802.11be EHT80_Nss2,(MCS0)_2TX	197.34M	114.636M	115MD1D	171.6M	78.622M
802.11be EHT80_Nss1,(MCS0)_4TX	212.3M	125.043M	125MD1D	173.36M	81.405M
802.11be EHT80_Nss4,(MCS0)_4TX	224.4M	145.153M	145MD1D	192.5M	85.392M
802.11be EHT160_Nss1,(MCS0)_1TX	319.88M	169.184M	169MD1D	319.88M	169.184M
802.11be EHT160_Nss2,(MCS0)_2TX	316.36M	178.169M	178MD1D	283.36M	156.671M
802.11be EHT160_Nss1,(MCS0)_4TX	319.88M	180.349M	180MD1D	258.28M	156.979M
802.11be EHT160_Nss4,(MCS0)_4TX	318.56M	183.144M	183MD1D	271.92M	157.091M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	46.805M	25.121M						
6695MHz	Pass	320M	51.48M	28.396M						
6855MHz	Pass	320M	47.63M	25.336M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	101.09M	44.313M						
6685MHz	Pass	320M	97.13M	55.342M						
6845MHz	Pass	320M	102.41M	55.526M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	181.72M	90.555M						
6705MHz	Pass	320M	200.86M	116.274M						
6785MHz	Pass	320M	199.1M	114.513M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	319.88M	169.184M						
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	45.705M	24.502M	50.93M	26.872M				
6695MHz	Pass	320M	52.91M	28.185M	50.105M	23.639M				
6855MHz	Pass	320M	49.225M	31.857M	40.315M	19.321M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	95.26M	44.446M	88.22M	48.591M				
6685MHz	Pass	320M	97.46M	53.68M	86.24M	41.354M				
6845MHz	Pass	320M	100.1M	57.963M	71.83M	38.057M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	184.8M	88.789M	171.6M	84.973M				
6705MHz	Pass	320M	197.34M	114.636M	196.24M	105.512M				
6785MHz	Pass	320M	195.36M	112.536M	178.42M	78.622M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	316.36M	178.169M	283.36M	156.671M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	49.61M	23.462M	52.91M	33.82M	45.705M	32.44M	51.37M	32.605M
6695MHz	Pass	320M	49.225M	26.254M	43.56M	19.833M	46.585M	19.664M	46.035M	24.102M
6855MHz	Pass	320M	47.52M	28.488M	28.38M	19.124M	45.705M	20.984M	46.31M	22.345M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	85.69M	41.584M	93.28M	54.784M	103.95M	61.631M	99.44M	61.005M
6685MHz	Pass	320M	101.64M	51.376M	88M	46.876M	95.81M	66.506M	98.45M	58.664M
6845MHz	Pass	320M	94.71M	58.871M	77.22M	38.434M	89.43M	51.463M	91.52M	38.618M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	189.2M	81.405M	173.36M	91.172M	179.08M	104.432M	196.9M	94.475M
6705MHz	Pass	320M	195.8M	101.612M	212.3M	120.054M	207.9M	125.043M	209M	117.332M
6785MHz	Pass	320M	202.4M	107.381M	193.82M	103.945M	196.24M	109.964M	203.94M	100.029M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	319.88M	180.349M	258.28M	156.979M	305.36M	157.489M	286M	157.063M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	45.1M	20.642M	52.14M	33.327M	51.535M	31.216M	49.775M	31.471M
6695MHz	Pass	320M	48.785M	24.554M	55.55M	35.744M	60.335M	34.408M	51.535M	29.45M
6855MHz	Pass	320M	50.985M	28.698M	44.825M	19.405M	47.795M	27.413M	44.825M	20.975M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	93.83M	41.331M	91.63M	48.189M	102.19M	61.676M	101.86M	61.552M
6685MHz	Pass	320M	98.56M	52.081M	109.12M	68.355M	107.58M	68.195M	110.44M	60.941M
6845MHz	Pass	320M	97.02M	55.171M	80.19M	38.125M	91.52M	40.163M	79.09M	38.35M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	192.5M	85.392M	199.32M	111.64M	196.68M	121.552M	204.38M	116.123M
6705MHz	Pass	320M	197.56M	107.202M	224.4M	145.153M	213.4M	135.314M	209M	122.446M
6785MHz	Pass	320M	210.98M	108.921M	210.76M	125.929M	216.48M	130.856M	202.18M	104.169M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-



EBW_Mode 1

Appendix B.1

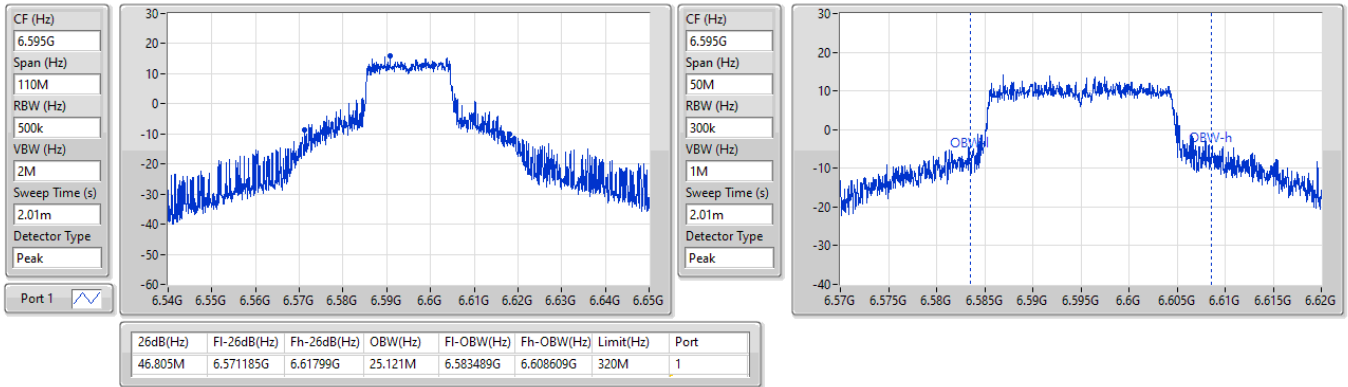
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6665MHz	Pass	320M	318.56M	183.144M	271.92M	157.226M	279.84M	157.658M	289.52M	157.091M

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

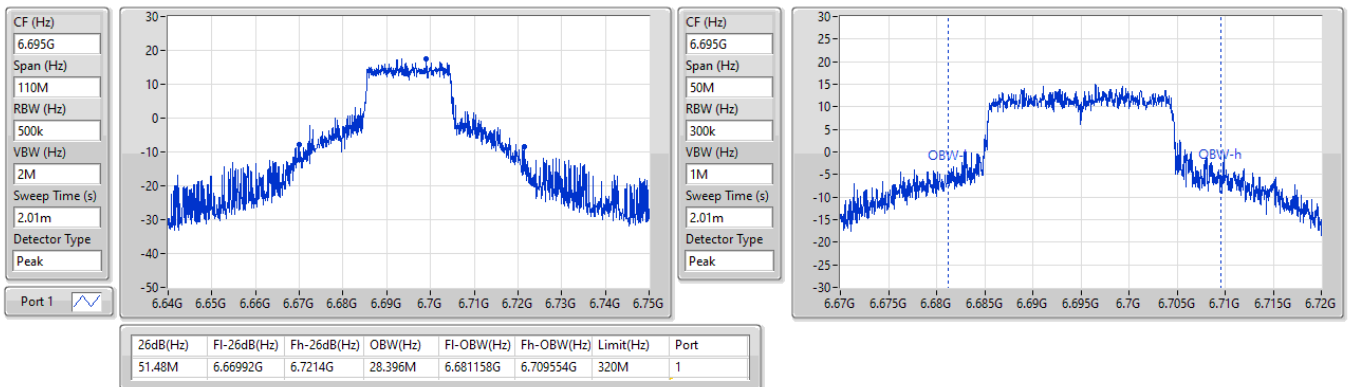
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6595MHz

16/01/2026

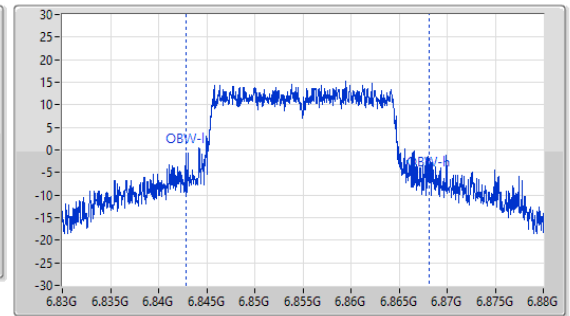
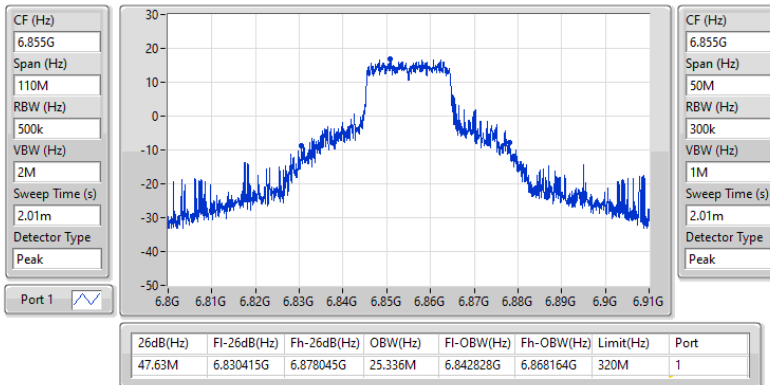

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

16/01/2026

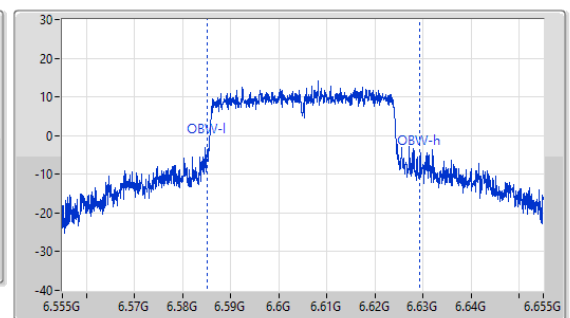
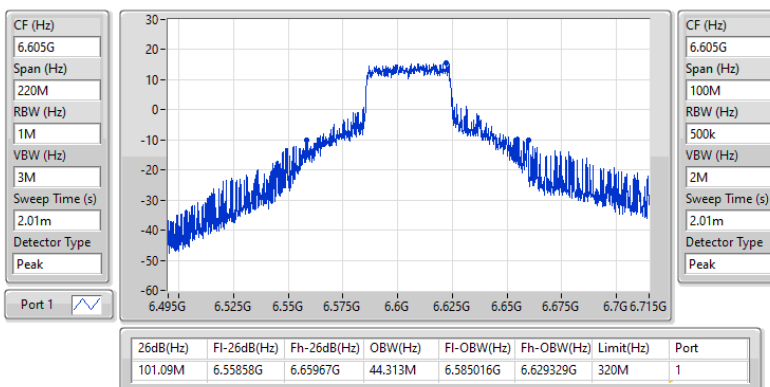


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

16/01/2026

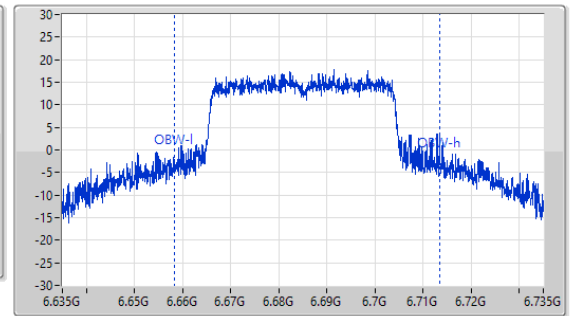
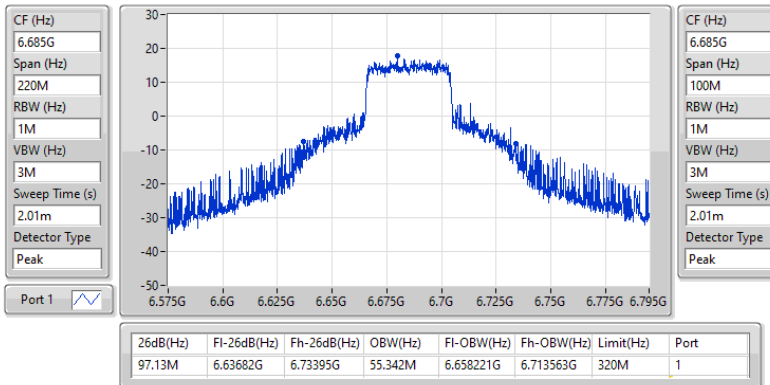

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6605MHz

16/01/2026

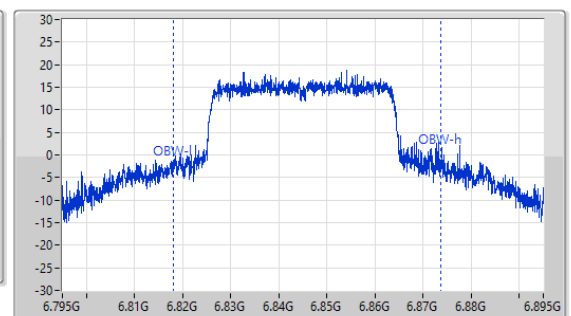
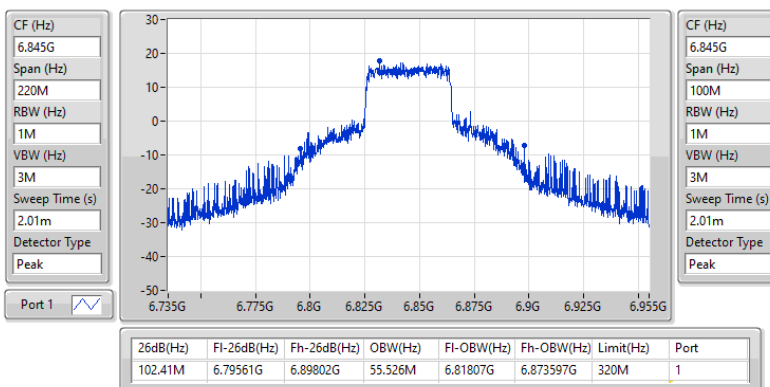


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

16/01/2026

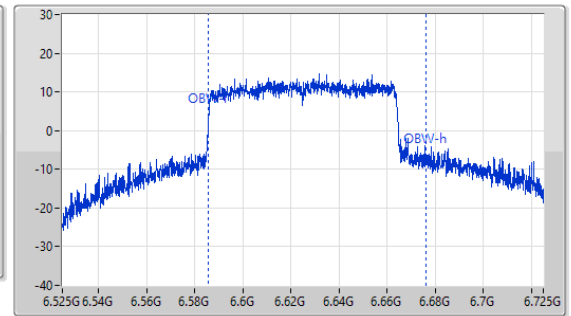
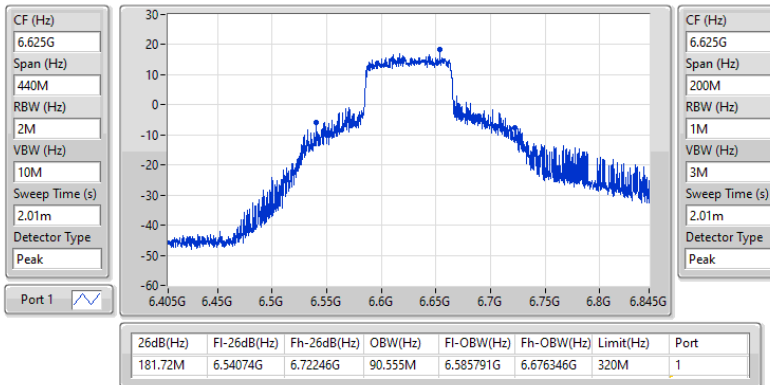

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

16/01/2026

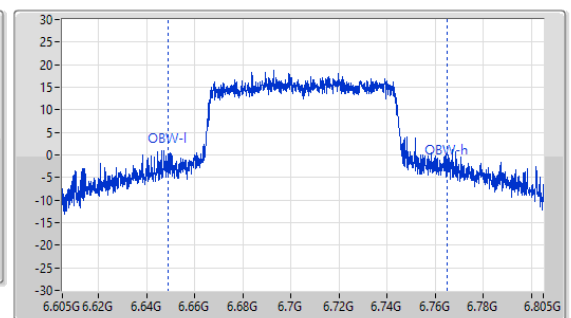
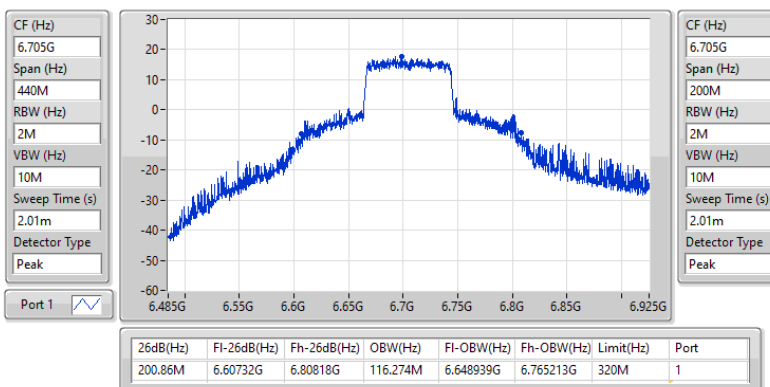


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

16/01/2026

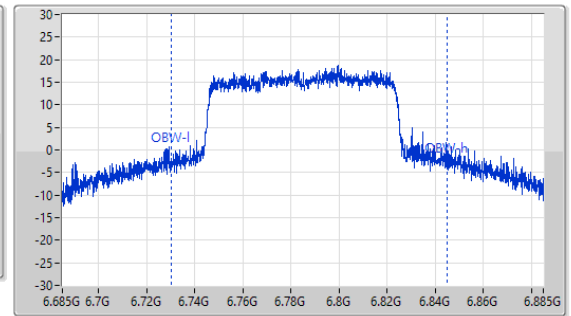
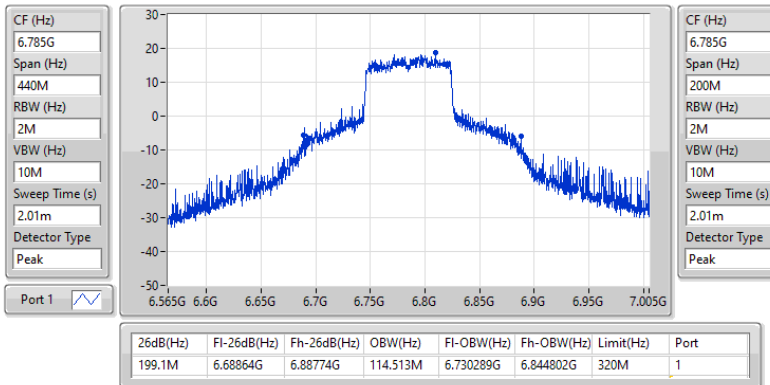

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

16/01/2026

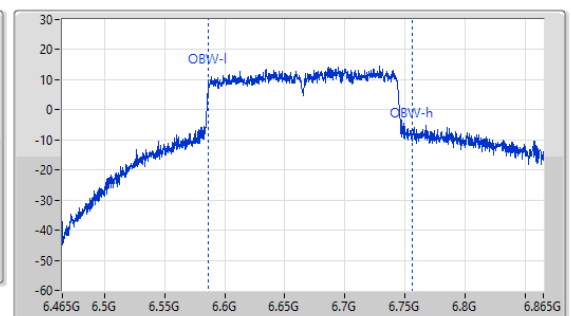
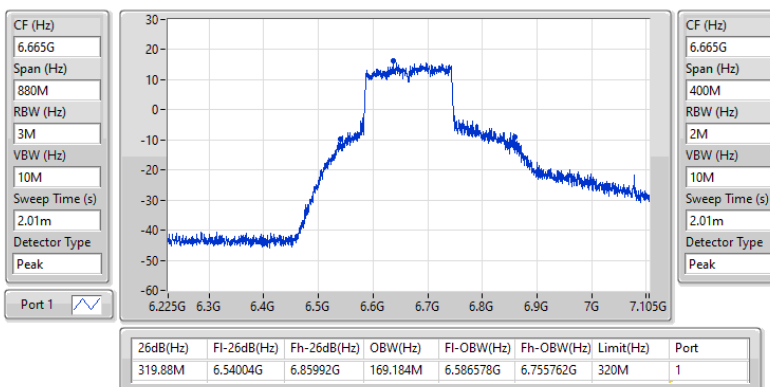


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

16/01/2026


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

16/01/2026

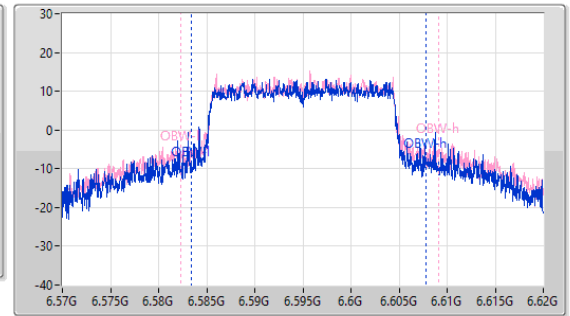
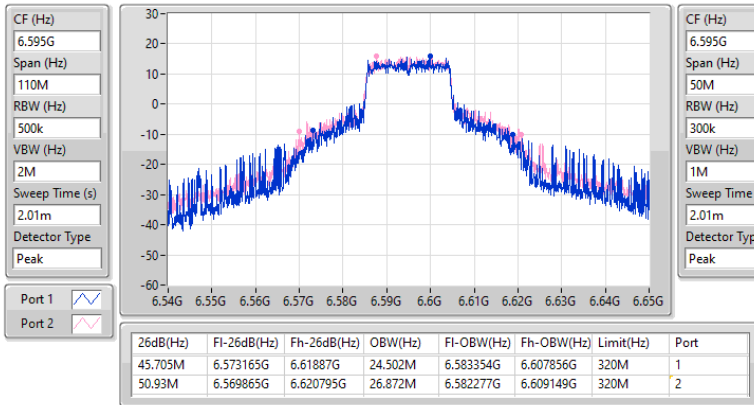


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6595MHz

16/01/2026

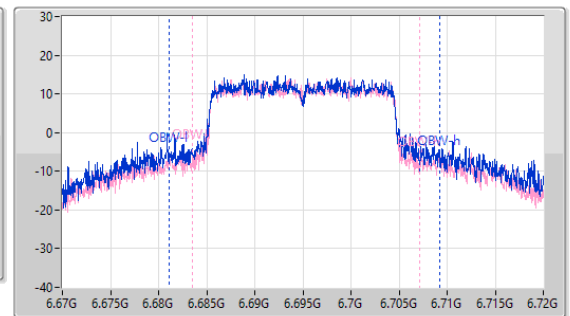
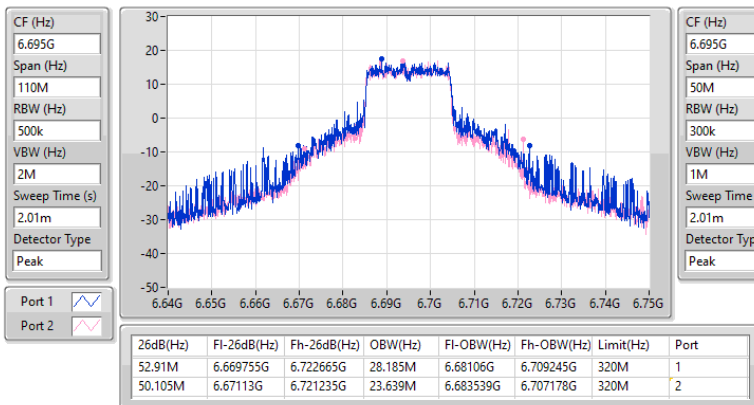


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

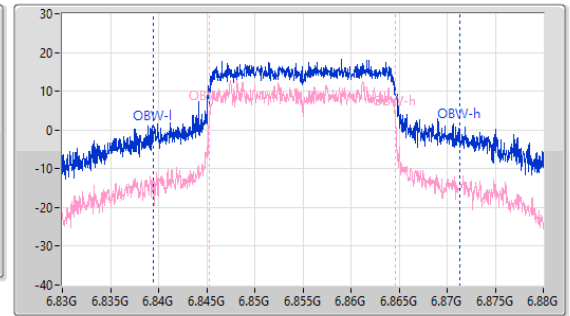
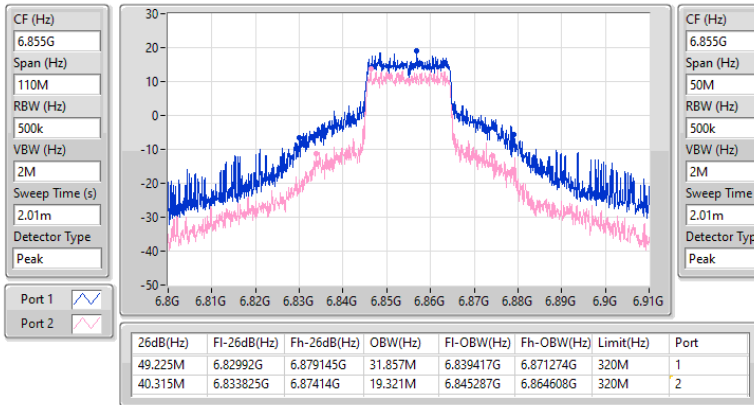
6695MHz

16/01/2026

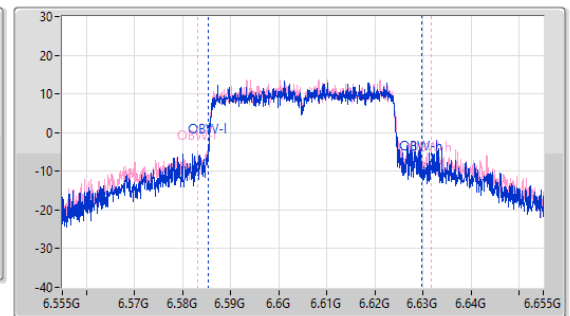
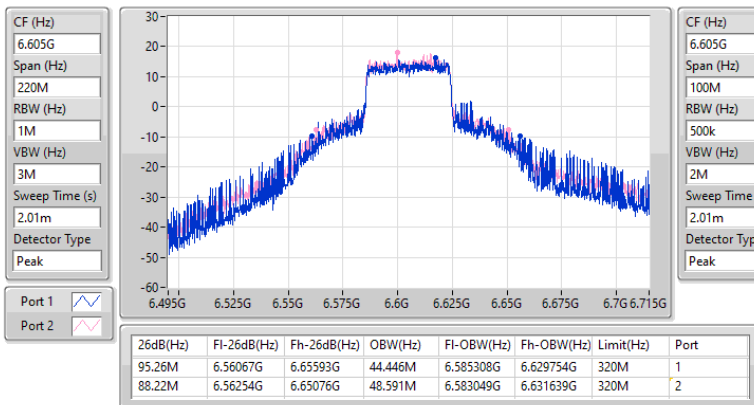


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6855MHz

16/01/2026

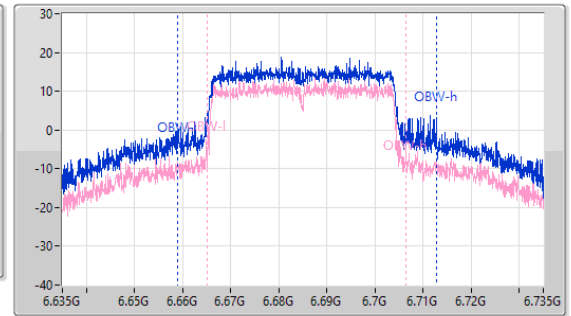
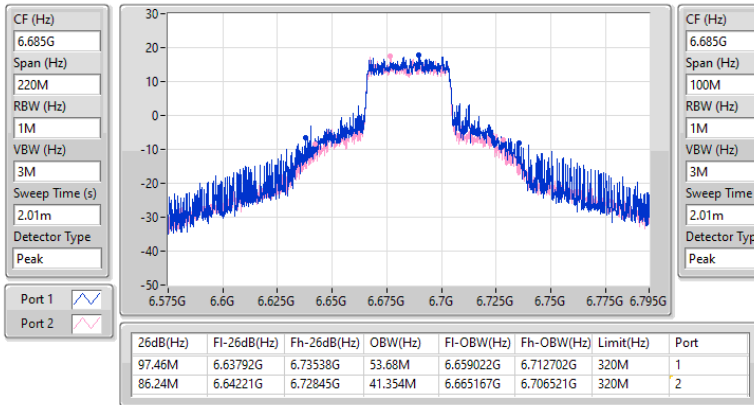

6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6605MHz

16/01/2026

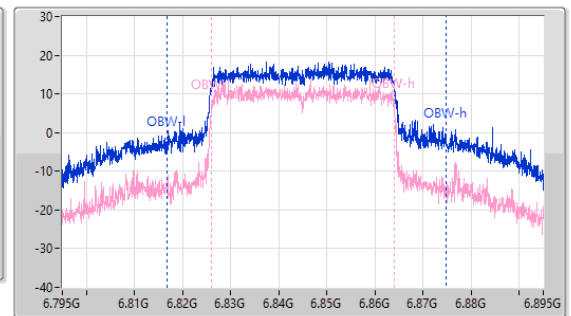
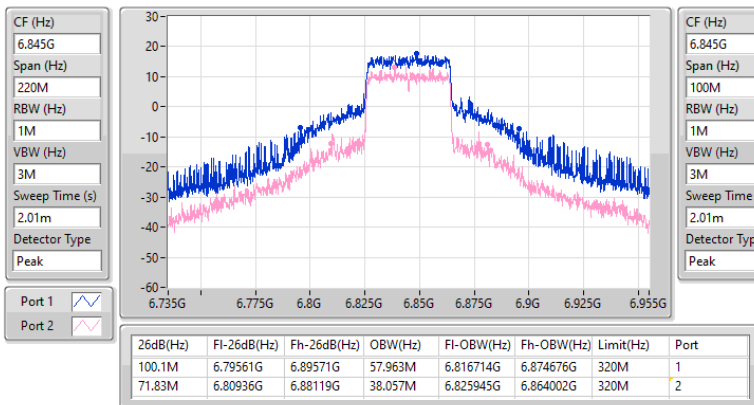


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6685MHz

16/01/2026


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6845MHz

16/01/2026

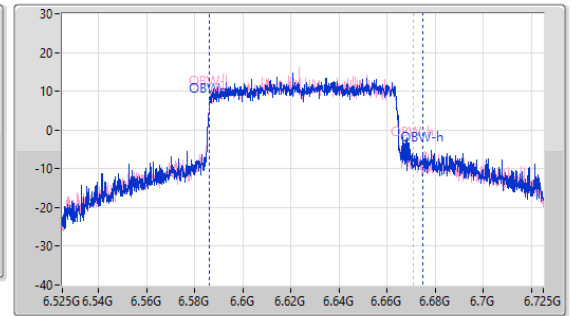
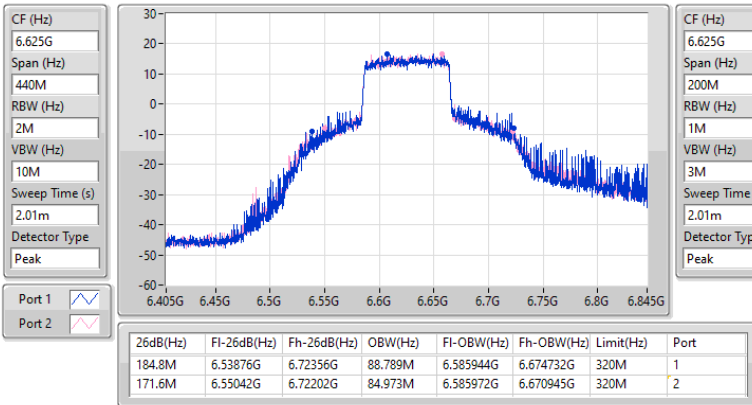


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6625MHz

16/01/2026

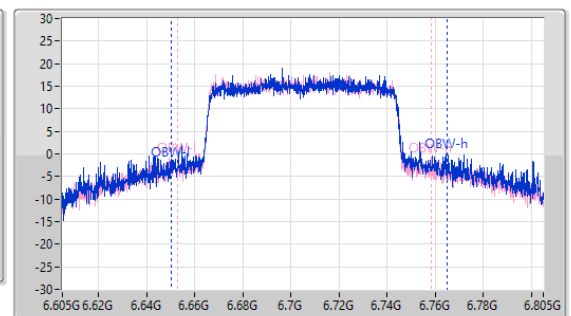
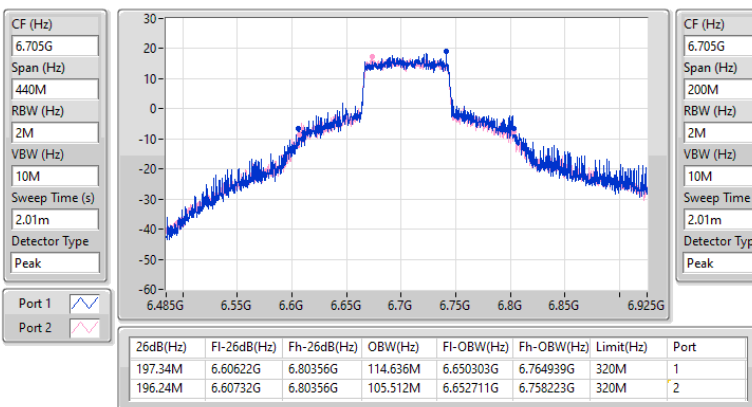


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

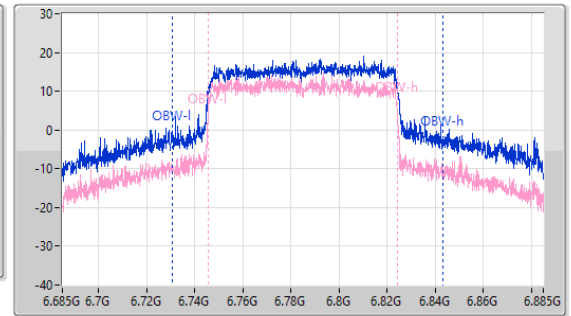
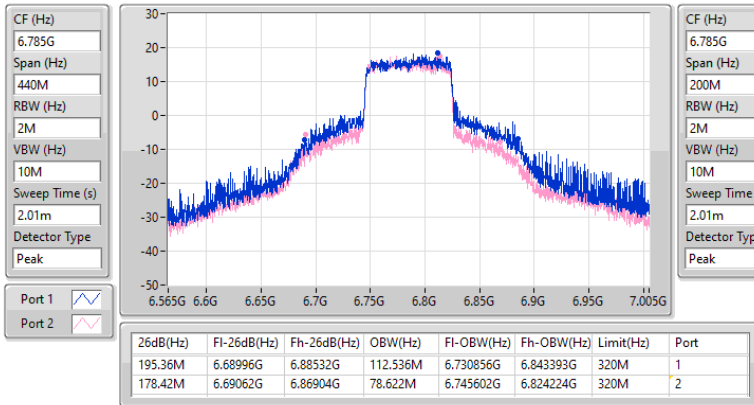
6705MHz

16/01/2026

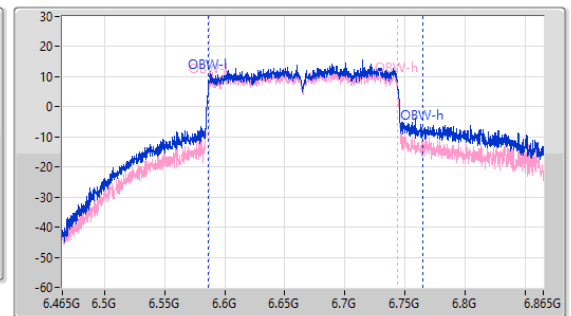
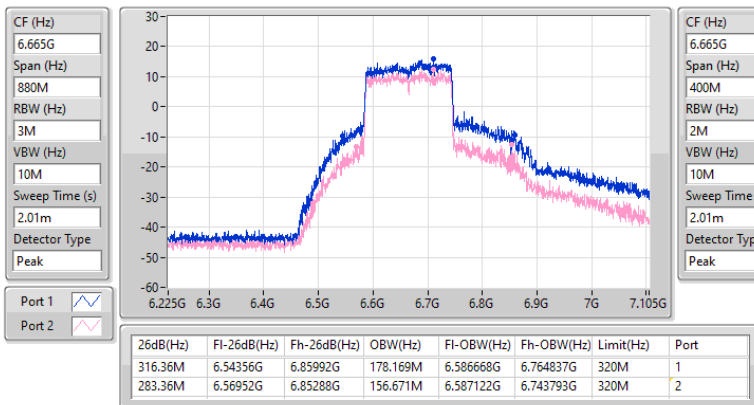


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6785MHz

16/01/2026

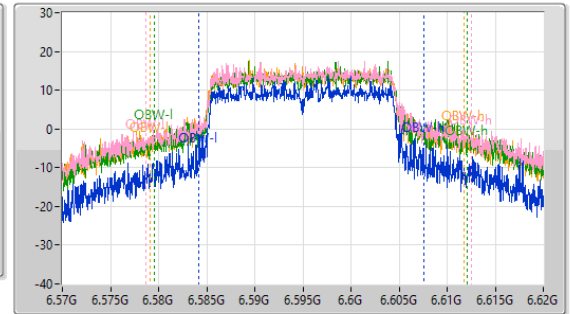
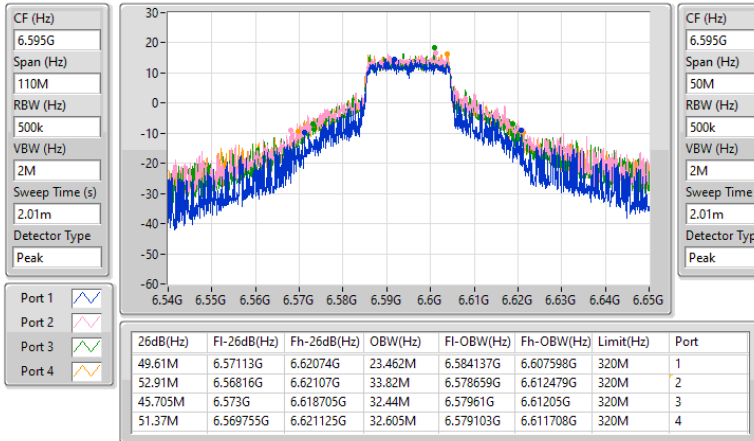

6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6665MHz

16/01/2026

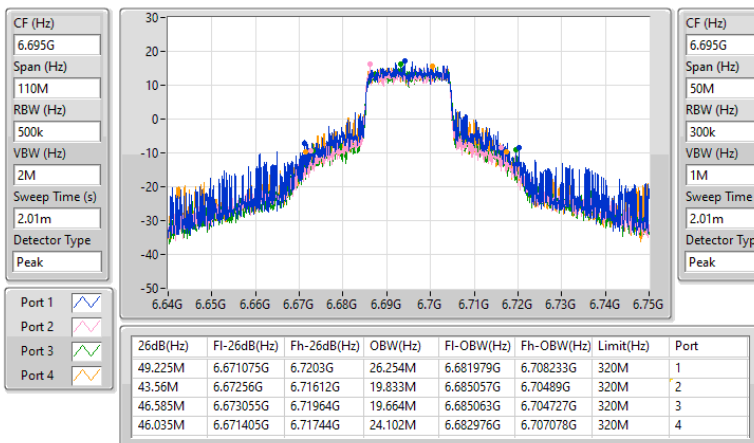


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6595MHz

16/01/2026


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6695MHz

16/01/2026

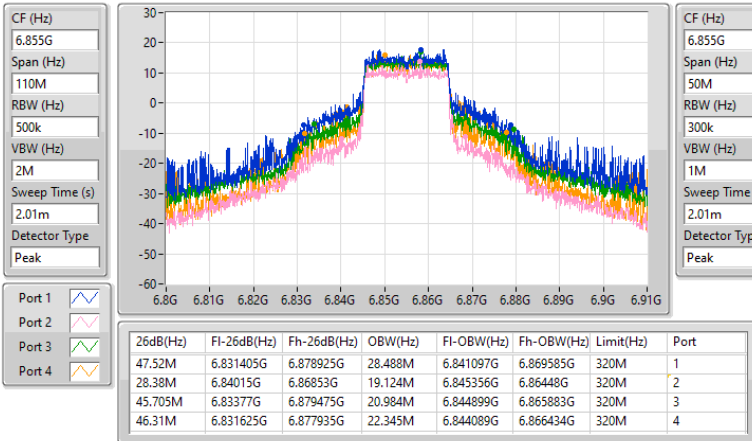


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6855MHz

16/01/2026

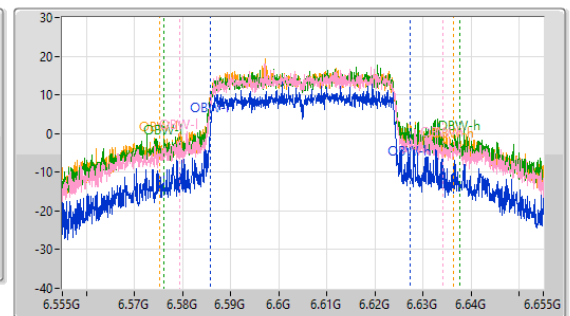
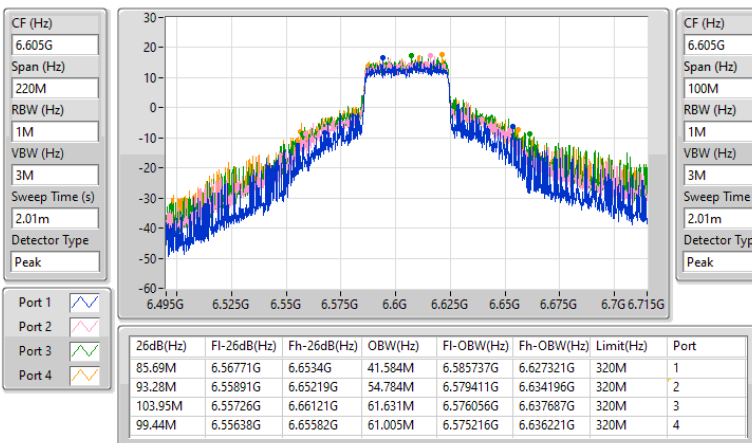


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

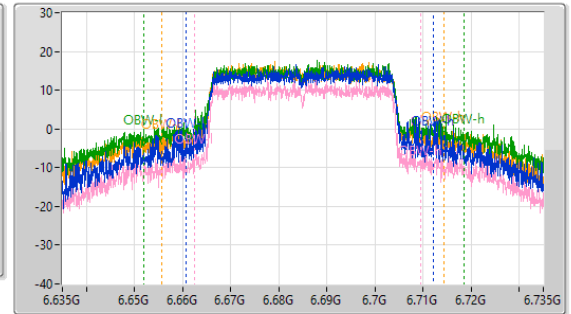
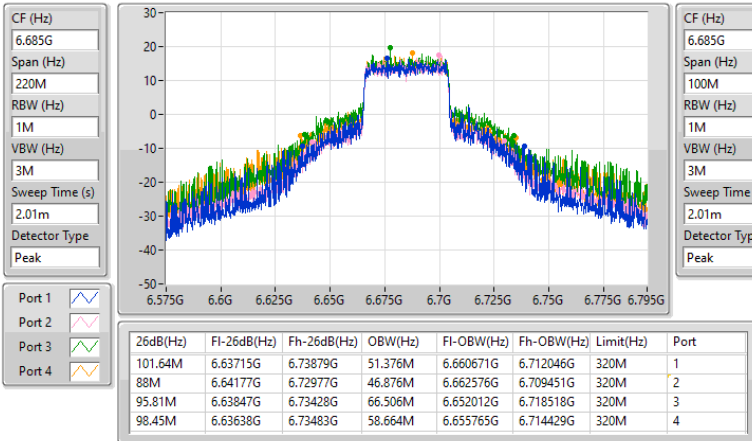
6605MHz

16/01/2026

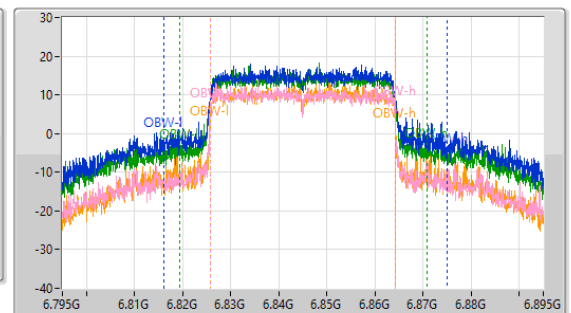
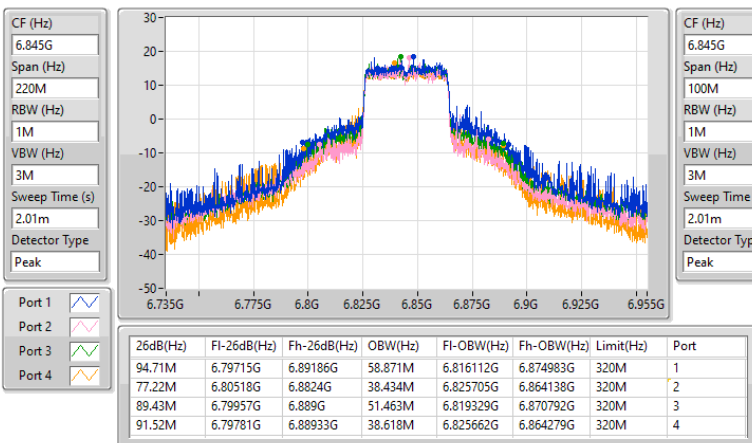


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

16/01/2026


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

16/01/2026

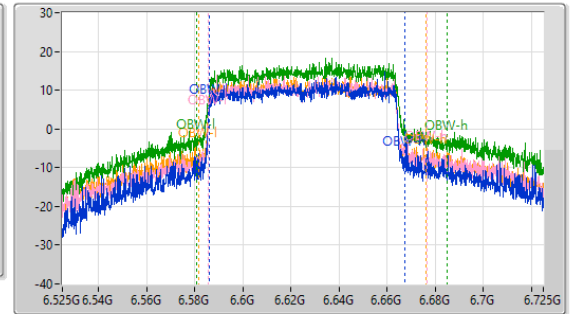
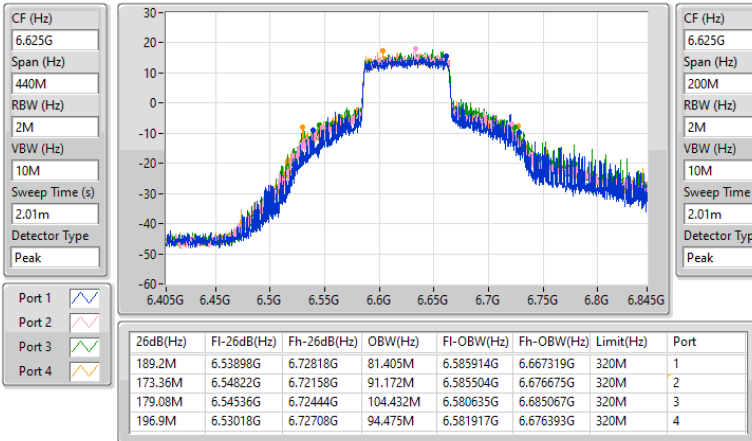


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

16/01/2026

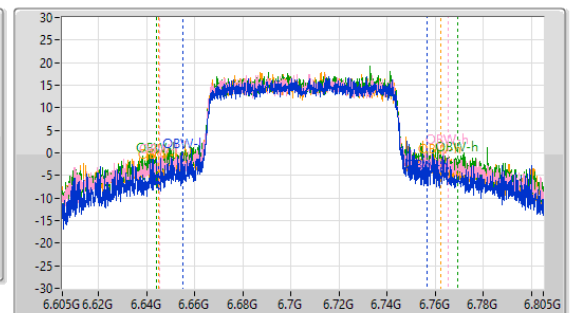
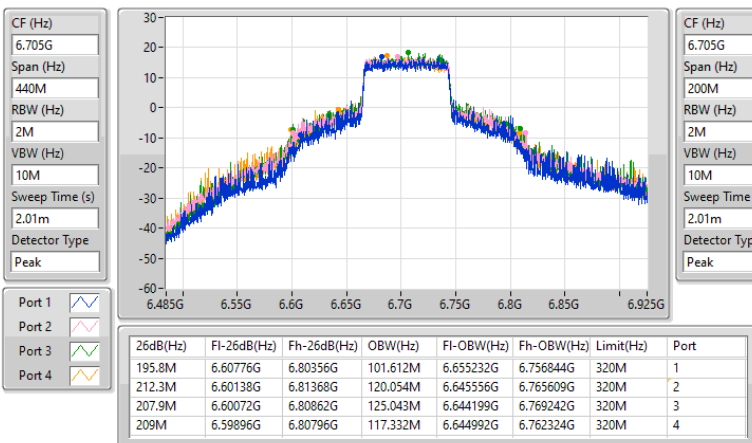


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

16/01/2026

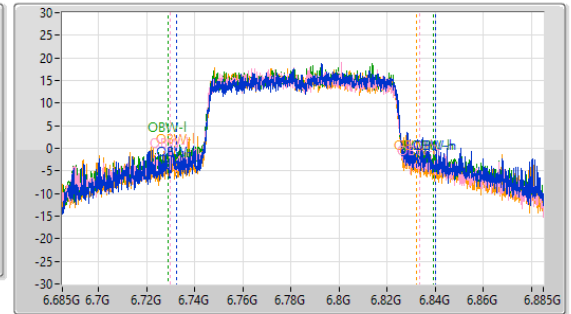
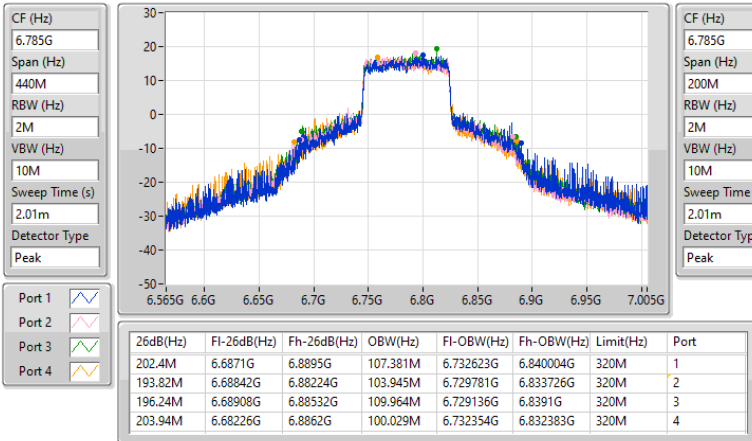


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

16/01/2026

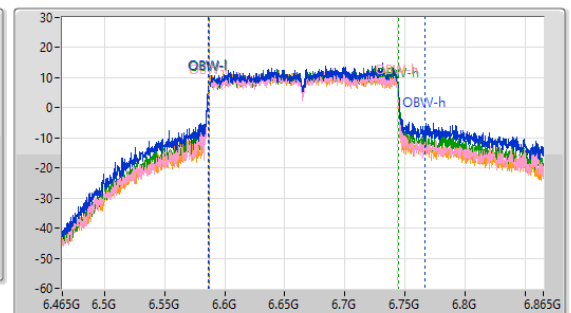
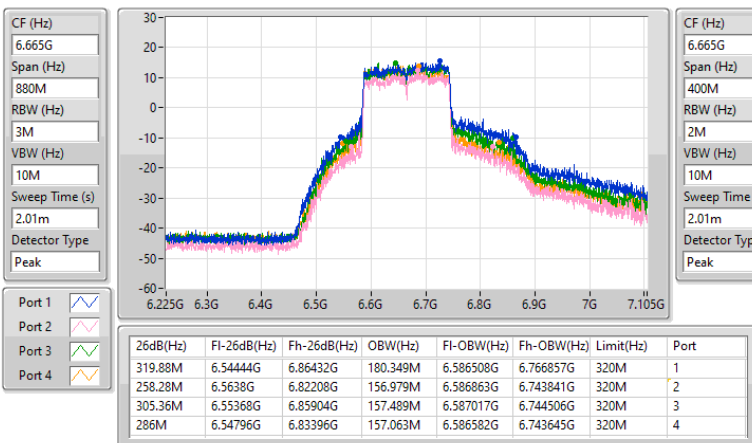


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6665MHz

16/01/2026

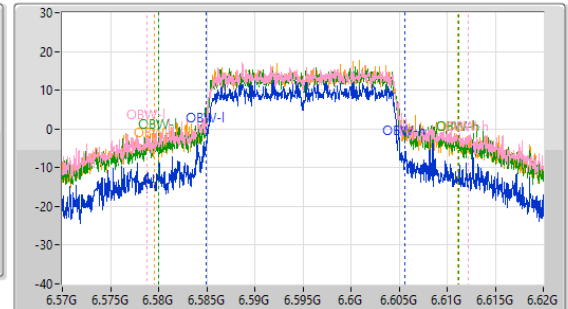
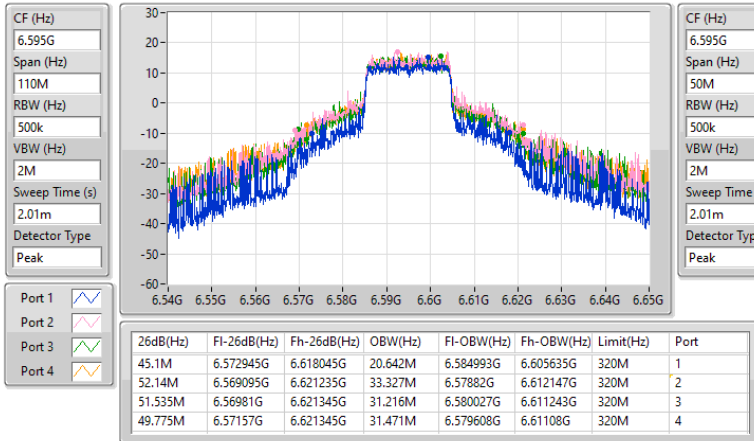


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6595MHz

16/01/2026

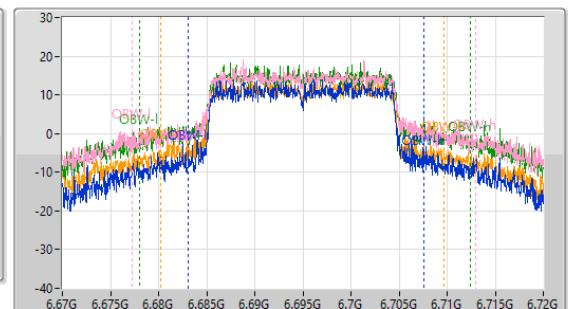
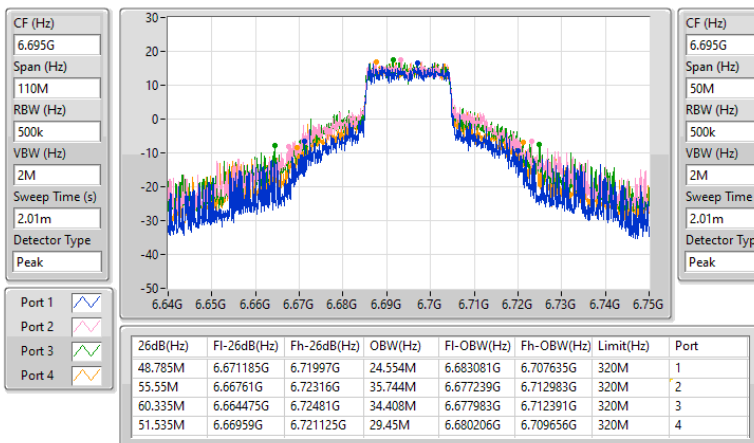


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6695MHz

16/01/2026

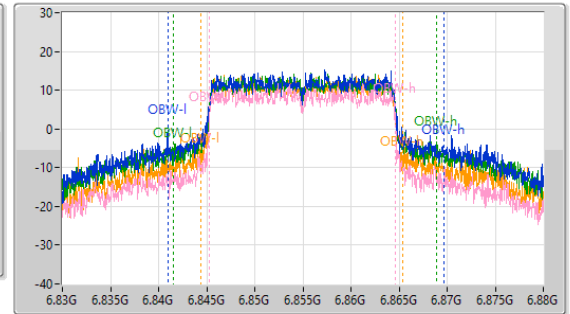
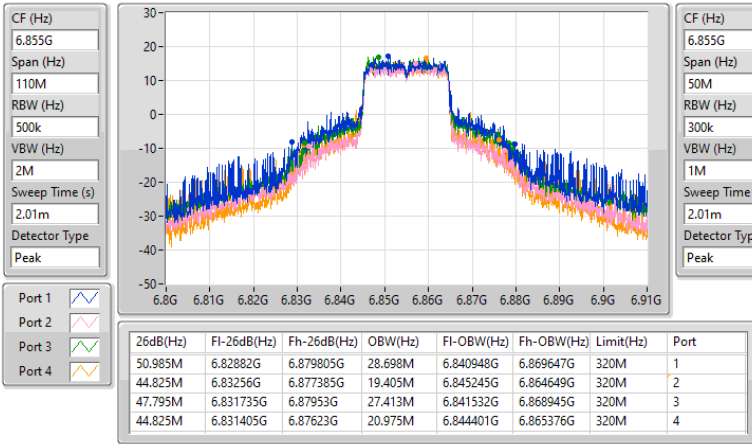


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6855MHz

16/01/2026

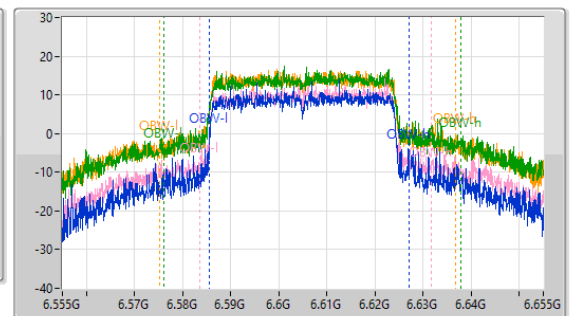
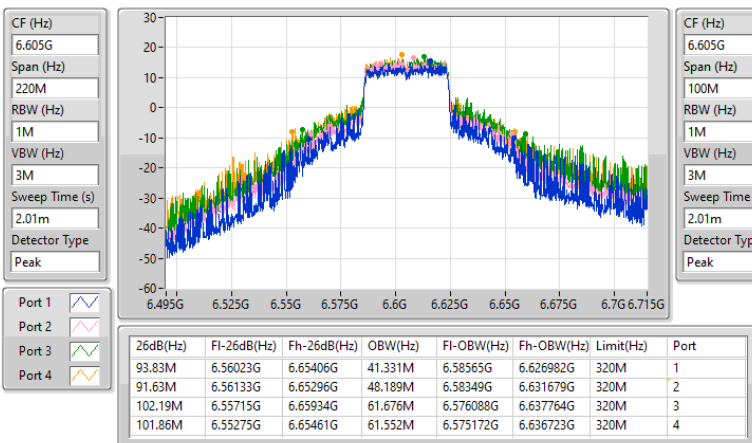


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

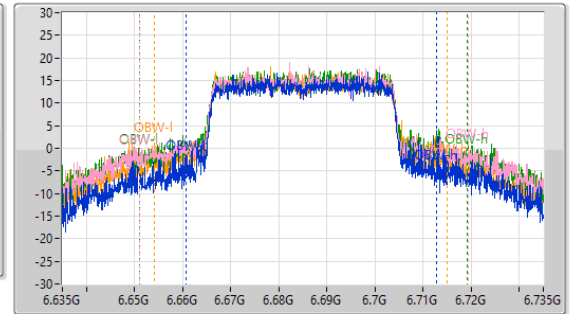
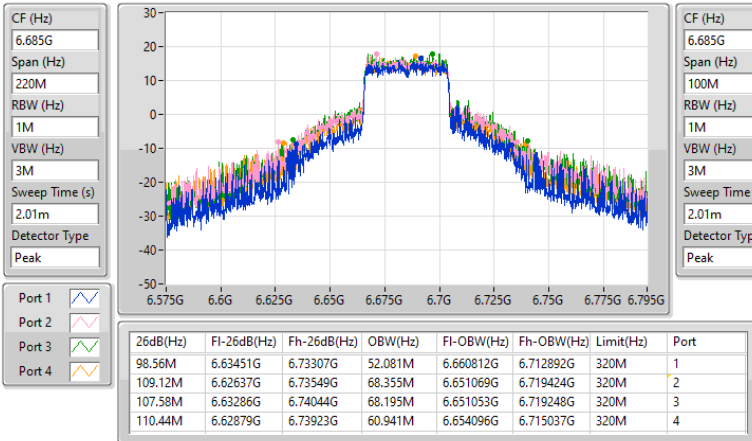
6605MHz

16/01/2026

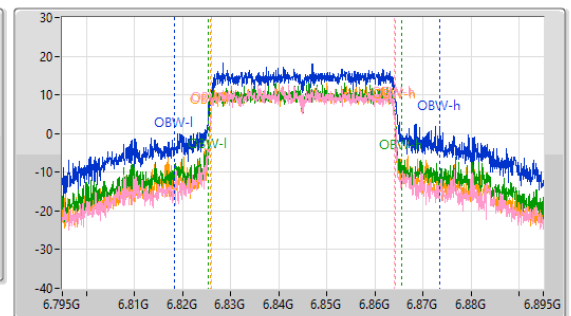
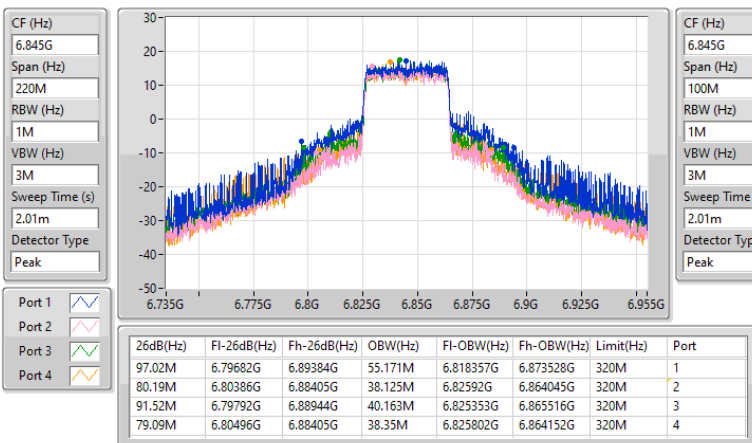


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6685MHz

16/01/2026

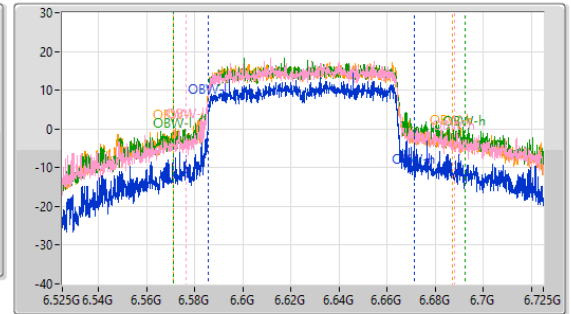
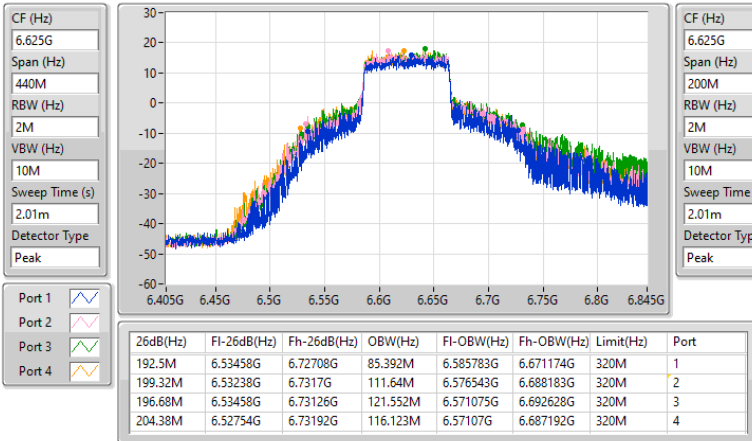

6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6845MHz

16/01/2026

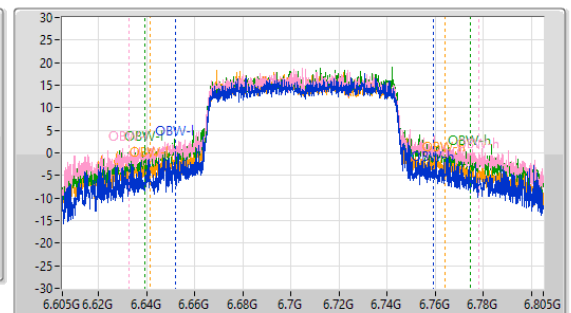
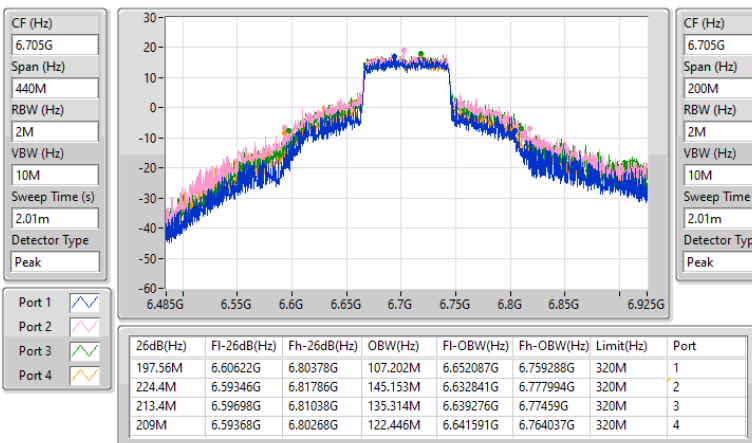


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6625MHz

16/01/2026

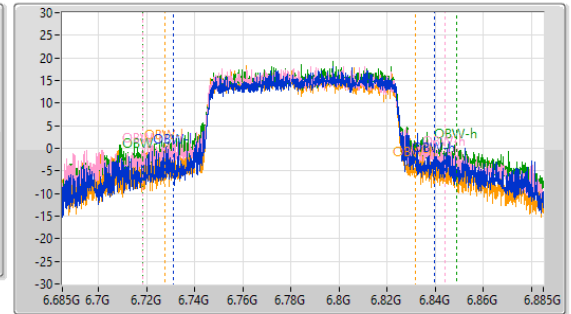
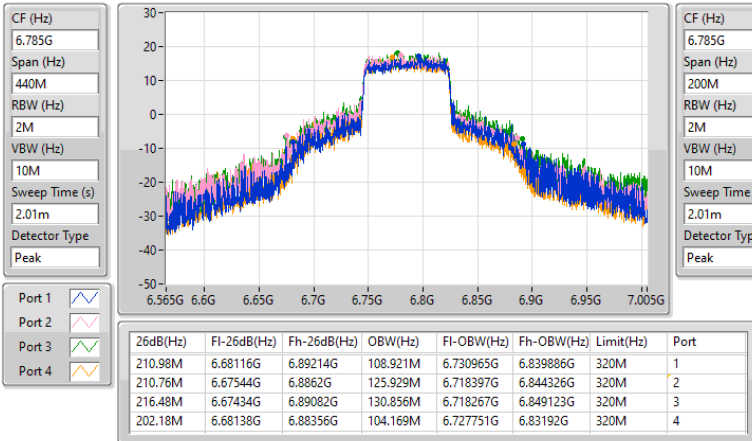

6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6705MHz

16/01/2026

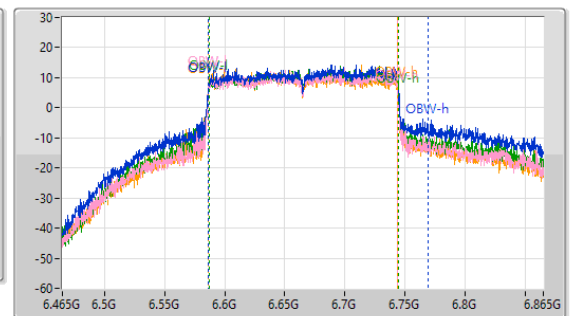
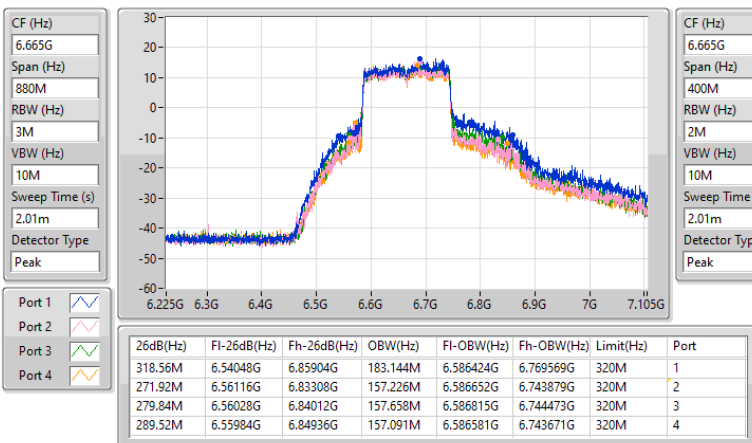


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6785MHz

16/01/2026


6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX
EBW
6665MHz

16/01/2026



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_Nss1,(MCS0)_1TX	43.67M	23.277M	23M3D1D	22.825M	19.096M
802.11be EHT20_Nss2,(MCS0)_2TX	45.54M	24.386M	24M4D1D	30.58M	19.112M
802.11be EHT20_Nss1,(MCS0)_4TX	51.535M	32.9M	32M9D1D	39.71M	19.156M
802.11be EHT20_Nss4,(MCS0)_4TX	60.225M	37.26M	37M3D1D	22.605M	19.126M
802.11be EHT40_Nss1,(MCS0)_1TX	81.07M	46.733M	46M7D1D	47.63M	37.934M
802.11be EHT40_Nss2,(MCS0)_2TX	94.38M	48.944M	48M9D1D	75.35M	38.122M
802.11be EHT40_Nss1,(MCS0)_4TX	105.49M	71.162M	71M2D1D	66.44M	38.06M
802.11be EHT40_Nss4,(MCS0)_4TX	111.65M	71.848M	71M8D1D	62.92M	37.914M
802.11be EHT80_Nss1,(MCS0)_1TX	152.68M	77.868M	77M9D1D	84.7M	77.429M
802.11be EHT80_Nss2,(MCS0)_2TX	170.5M	82.396M	82M4D1D	110.22M	77.386M
802.11be EHT80_Nss1,(MCS0)_4TX	214.06M	117.203M	117MD1D	104.72M	77.606M
802.11be EHT80_Nss4,(MCS0)_4TX	203.94M	109.412M	109MD1D	99M	77.512M
802.11be EHT160_Nss1,(MCS0)_1TX	319.88M	158.7M	159MD1D	292.6M	157.854M
802.11be EHT160_Nss2,(MCS0)_2TX	315.92M	157.59M	158MD1D	282.48M	156.83M
802.11be EHT160_Nss1,(MCS0)_4TX	317.68M	160.047M	160MD1D	195.36M	156.476M
802.11be EHT160_Nss4,(MCS0)_4TX	314.6M	182.947M	183MD1D	188.76M	156.736M
802.11be EHT320_Nss1,(MCS0)_1TX	595.76M	319.124M	319MD1D	560.56M	317.871M
802.11be EHT320_Nss2,(MCS0)_2TX	633.6M	319.74M	320MD1D	551.76M	318.623M
802.11be EHT320_Nss1,(MCS0)_4TX	658.24M	319.716M	320MD1D	508.64M	316.557M
802.11be EHT320_Nss4,(MCS0)_4TX	660.88M	319.536M	320MD1D	435.6M	316.345M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	40.7M	19.645M	19M6D1D	33.055M	19.209M
802.11be EHT20_Nss2,(MCS0)_2TX	46.2M	28.179M	28M2D1D	33.055M	19.153M
802.11be EHT20_Nss1,(MCS0)_4TX	71.995M	30.858M	30M9D1D	33.385M	19.198M
802.11be EHT20_Nss4,(MCS0)_4TX	50.27M	30.849M	30M8D1D	36.52M	19.296M
802.11be EHT40_Nss1,(MCS0)_1TX	89.76M	43.052M	43M1D1D	79.75M	38.585M
802.11be EHT40_Nss2,(MCS0)_2TX	107.36M	70.983M	71M0D1D	83.38M	39.785M
802.11be EHT40_Nss1,(MCS0)_4TX	119.02M	72.167M	72M2D1D	88M	38.898M
802.11be EHT40_Nss4,(MCS0)_4TX	110.55M	73.176M	73M2D1D	73.48M	38.324M
802.11be EHT80_Nss1,(MCS0)_1TX	199.1M	112.913M	113MD1D	188.1M	80.656M
802.11be EHT80_Nss2,(MCS0)_2TX	223.96M	123.23M	123MD1D	183.7M	89.749M
802.11be EHT80_Nss1,(MCS0)_4TX	223.96M	147.743M	148MD1D	199.98M	114.783M
802.11be EHT80_Nss4,(MCS0)_4TX	266.64M	153.815M	154MD1D	194.7M	109.164M
802.11be EHT160_Nss1,(MCS0)_1TX	318.12M	157.482M	157MD1D	318.12M	157.482M
802.11be EHT160_Nss2,(MCS0)_2TX	311.52M	157.398M	157MD1D	310.2M	156.913M
802.11be EHT160_Nss1,(MCS0)_4TX	291.28M	157.064M	157MD1D	199.76M	156.335M
802.11be EHT160_Nss4,(MCS0)_4TX	312.4M	157.593M	158MD1D	193.6M	156.985M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	43.67M	23.277M						
6195MHz	Pass	320M	36.3M	19.356M						
6415MHz	Pass	320M	22.825M	19.096M						
6535MHz	Pass	320M	40.315M	19.645M						
6695MHz	Pass	320M	40.7M	19.568M						
6855MHz	Pass	320M	33.055M	19.209M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	81.07M	46.733M						
6205MHz	Pass	320M	66M	38.412M						
6405MHz	Pass	320M	47.63M	37.934M						
6565MHz	Pass	320M	89.76M	43.052M						
6685MHz	Pass	320M	89.65M	39.432M						
6845MHz	Pass	320M	79.75M	38.585M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	150.7M	77.868M						
6225MHz	Pass	320M	152.68M	77.838M						
6385MHz	Pass	320M	84.7M	77.429M						
6625MHz	Pass	320M	191.84M	112.913M						
6705MHz	Pass	320M	199.1M	86.501M						
6785MHz	Pass	320M	188.1M	80.656M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	319.88M	158.7M						
6185MHz	Pass	320M	303.16M	157.854M						
6345MHz	Pass	320M	292.6M	158.087M						
6665MHz	Pass	320M	318.12M	157.482M						
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	560.56M	319.124M						
6265MHz	Pass	320M	595.76M	317.871M						
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	43.835M	22.254M	45.54M	24.386M				
6195MHz	Pass	320M	41.745M	19.407M	41.91M	19.465M				
6415MHz	Pass	320M	30.58M	19.112M	37.51M	19.279M				
6535MHz	Pass	320M	33.055M	19.153M	39.105M	19.349M				
6695MHz	Pass	320M	45.43M	21.215M	45.925M	28.179M				
6855MHz	Pass	320M	35.695M	19.357M	46.2M	22.532M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	87.78M	48.944M	85.25M	45.314M				
6205MHz	Pass	320M	90.42M	41.27M	94.38M	42.863M				
6405MHz	Pass	320M	75.35M	38.122M	80.63M	38.665M				
6565MHz	Pass	320M	94.82M	42.765M	100.21M	57.673M				
6685MHz	Pass	320M	83.38M	42.857M	107.36M	70.983M				
6845MHz	Pass	320M	83.38M	39.785M	91.41M	46.974M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	150.04M	78.202M	166.76M	78.463M				
6225MHz	Pass	320M	155.54M	77.969M	170.5M	82.396M				
6385MHz	Pass	320M	110.22M	77.386M	119.9M	77.898M				
6625MHz	Pass	320M	208.12M	122.233M	223.96M	123.23M				
6705MHz	Pass	320M	191.18M	96.888M	198.44M	115.336M				
6785MHz	Pass	320M	183.7M	89.749M	201.08M	111.797M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	307.56M	157.59M	299.2M	157.383M				
6185MHz	Pass	320M	297.88M	157.151M	315.92M	157.005M				
6345MHz	Pass	320M	282.48M	156.83M	303.16M	157.551M				
6665MHz	Pass	320M	310.2M	156.913M	311.52M	157.398M				

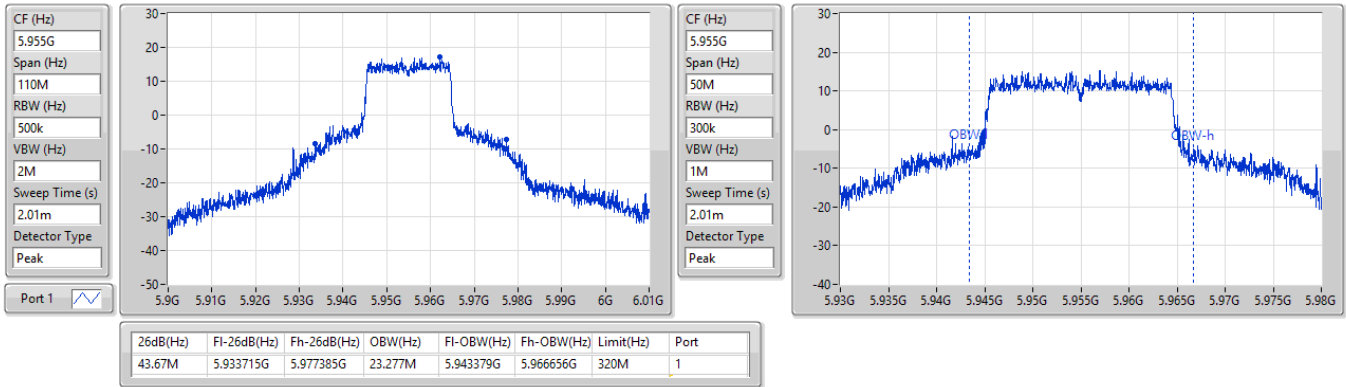
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	566.72M	318.623M	551.76M	318.999M				
6265MHz	Pass	320M	624.8M	318.827M	633.6M	319.74M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	46.145M	24.795M	49.115M	27.896M	51.535M	32.45M	51.535M	32.9M
6195MHz	Pass	320M	43.56M	19.359M	42.24M	19.636M	51.26M	26.184M	42.845M	20.177M
6415MHz	Pass	320M	39.71M	19.156M	40.095M	19.306M	41.085M	19.365M	43.45M	19.475M
6535MHz	Pass	320M	33.385M	19.198M	38.17M	19.21M	42.9M	19.497M	43.34M	19.249M
6695MHz	Pass	320M	47.355M	23.133M	51.81M	30.858M	50.215M	30.81M	50.215M	30.407M
6855MHz	Pass	320M	43.89M	19.499M	47.08M	25.784M	47.19M	25.186M	71.995M	27.823M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	98.01M	59.705M	88.22M	50.103M	105.49M	71.162M	93.39M	60.161M
6205MHz	Pass	320M	90.86M	48.118M	99.33M	56.104M	102.3M	60.036M	103.95M	61.552M
6405MHz	Pass	320M	66.44M	38.06M	69.41M	38.524M	79.86M	38.437M	80.3M	38.599M
6565MHz	Pass	320M	96.03M	54.133M	100.87M	66.349M	107.91M	72.167M	102.08M	70.33M
6685MHz	Pass	320M	94.71M	51.383M	104.5M	69.837M	104.06M	71.472M	119.02M	68.194M
6845MHz	Pass	320M	88M	38.898M	95.7M	45.416M	99.88M	57.054M	89.21M	52.41M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	146.74M	78.426M	145.2M	78.262M	161.04M	85.473M	150.26M	78.526M
6225MHz	Pass	320M	177.32M	78.524M	196.68M	106.188M	191.84M	91.401M	214.06M	117.203M
6385MHz	Pass	320M	104.72M	77.606M	164.12M	78.351M	185.46M	78.095M	192.72M	78.802M
6625MHz	Pass	320M	215.82M	128.215M	213.62M	135.796M	219.56M	147.743M	219.34M	142.459M
6705MHz	Pass	320M	213.4M	114.783M	211.42M	126.121M	223.96M	144.49M	214.72M	128.959M
6785MHz	Pass	320M	199.98M	117.638M	201.08M	127.349M	208.34M	125.172M	201.08M	120.254M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	298.32M	157.621M	289.08M	157.444M	302.72M	160.047M	280.28M	157.758M
6185MHz	Pass	320M	271.92M	156.476M	211.64M	156.804M	317.68M	157.174M	195.36M	156.96M
6345MHz	Pass	320M	289.08M	156.974M	285.56M	157.52M	303.16M	157.401M	301.84M	157.274M
6665MHz	Pass	320M	205.92M	156.633M	199.76M	156.335M	291.28M	157.064M	207.68M	156.675M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	508.64M	317.835M	523.6M	316.915M	560.56M	319.716M	513.04M	316.557M
6265MHz	Pass	320M	636.24M	318.029M	646.8M	317.906M	658.24M	319.096M	642.4M	318.066M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	48.235M	30.603M	48.565M	28.424M	60.225M	37.26M	59.125M	33.495M
6195MHz	Pass	320M	47.355M	21.756M	48.73M	24.255M	48.345M	30.995M	45.155M	25.927M
6415MHz	Pass	320M	22.605M	19.127M	32.23M	19.126M	36.52M	19.202M	33.11M	19.152M
6535MHz	Pass	320M	36.52M	19.296M	38.005M	19.436M	38.06M	19.648M	36.905M	19.39M
6695MHz	Pass	320M	50.27M	24.125M	50.05M	30.815M	49.995M	30.849M	49.61M	30.365M
6855MHz	Pass	320M	47.63M	20.852M	48.015M	27.149M	49.39M	25.649M	49.335M	26.929M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	97.46M	68.312M	88.77M	50.977M	111.65M	71.848M	96.47M	61.536M
6205MHz	Pass	320M	87.78M	54.185M	91.19M	58.083M	98.34M	63.757M	104.28M	65.124M
6405MHz	Pass	320M	62.92M	37.914M	76.23M	38.221M	86.13M	38.17M	88.33M	38.321M
6565MHz	Pass	320M	96.58M	55.583M	102.19M	64.148M	107.58M	72.914M	106.59M	71.137M
6685MHz	Pass	320M	96.03M	54.922M	102.41M	70.777M	110.55M	73.176M	99.33M	69.156M
6845MHz	Pass	320M	73.48M	38.324M	88.44M	42.562M	101.2M	55.17M	91.3M	47.048M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	164.56M	84.98M	156.42M	78.662M	182.82M	104.591M	150.26M	86.046M
6225MHz	Pass	320M	172.92M	78.367M	189.2M	98.663M	196.02M	88.91M	203.94M	109.412M
6385MHz	Pass	320M	99M	77.512M	121.44M	77.793M	155.1M	77.765M	180.62M	77.927M
6625MHz	Pass	320M	210.98M	129.073M	216.92M	140.148M	266.64M	153.815M	216.48M	145.693M
6705MHz	Pass	320M	200.86M	109.164M	213.4M	127.872M	227.04M	147.125M	212.08M	130.661M
6785MHz	Pass	320M	198.66M	112.203M	202.84M	127.833M	215.6M	130.839M	194.7M	119.761M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	304.04M	158.77M	304.48M	158.646M	314.6M	182.947M	307.56M	161.893M
6185MHz	Pass	320M	251.24M	157.027M	188.76M	156.853M	304.92M	157.037M	208.56M	156.736M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6345MHz	Pass	320M	256.52M	157.454M	257.4M	157.991M	293.92M	157.759M	275.88M	157.88M
6665MHz	Pass	320M	193.6M	157.14M	198.44M	157.074M	312.4M	157.593M	194.04M	156.985M
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	451.44M	316.662M	435.6M	316.751M	557.04M	319.536M	486.64M	316.345M
6265MHz	Pass	320M	625.68M	317.379M	626.56M	318.11M	660.88M	319.216M	624.8M	317.349M

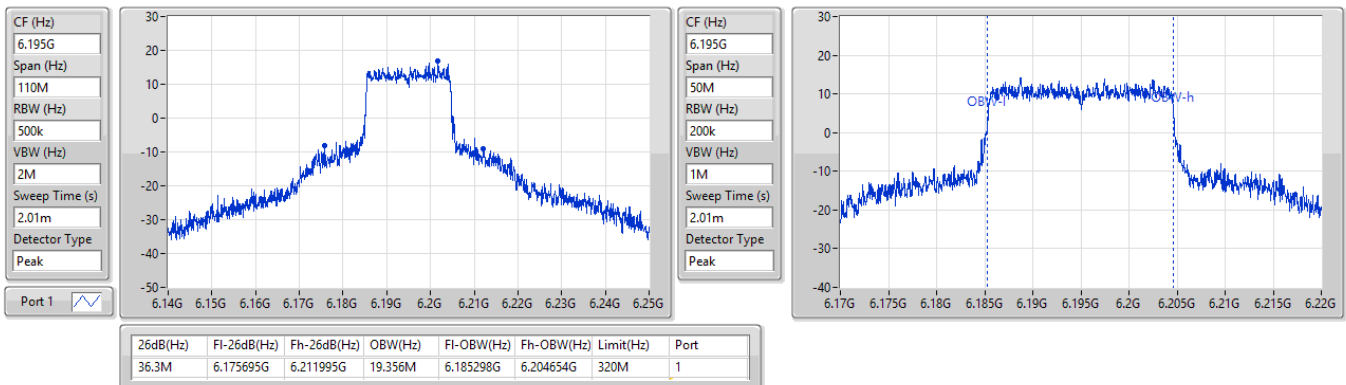
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

17/01/2026

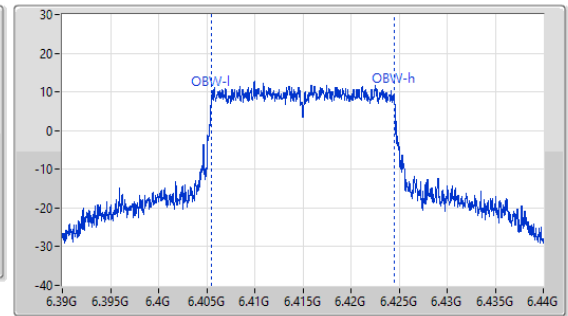
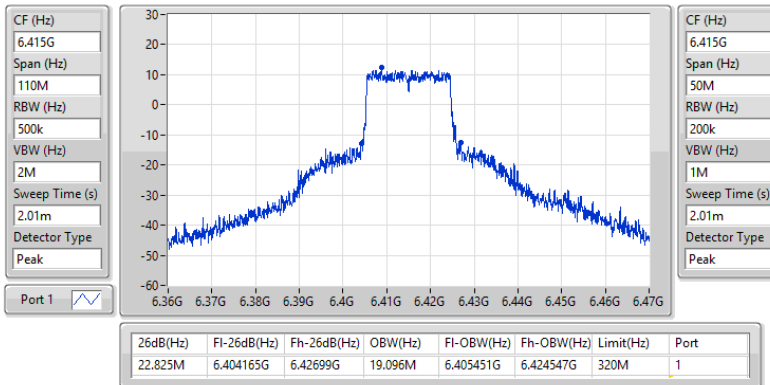

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6195MHz

17/01/2026

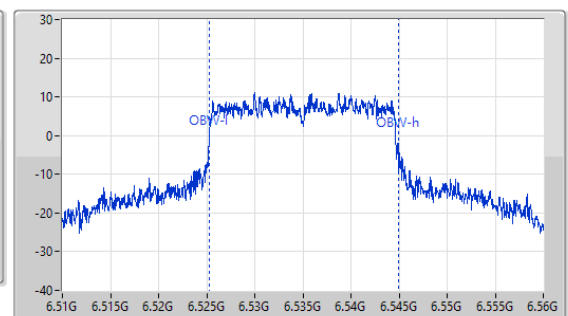
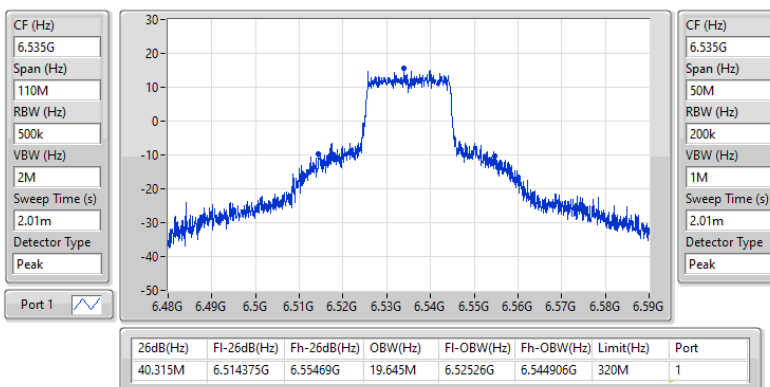


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6415MHz

17/01/2026

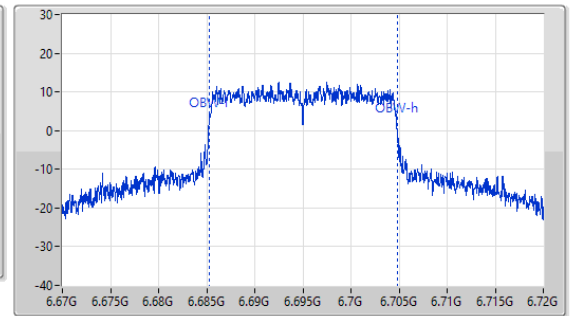
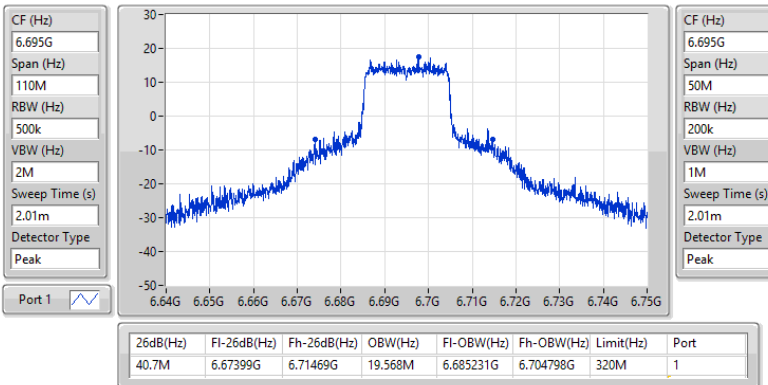

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6535MHz

20/01/2026

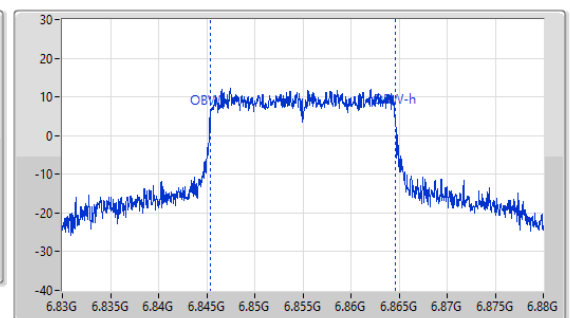
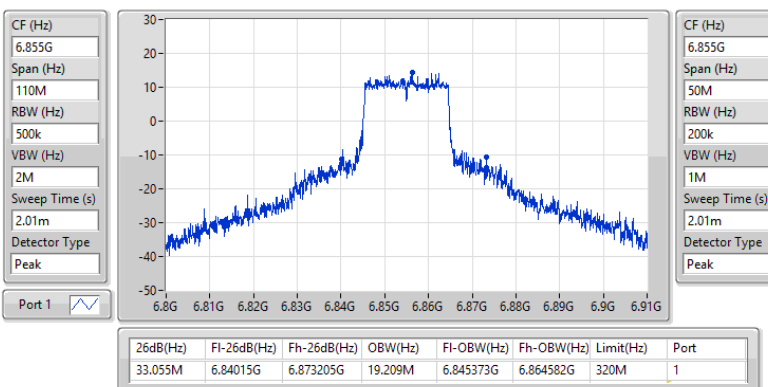


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

17/01/2026

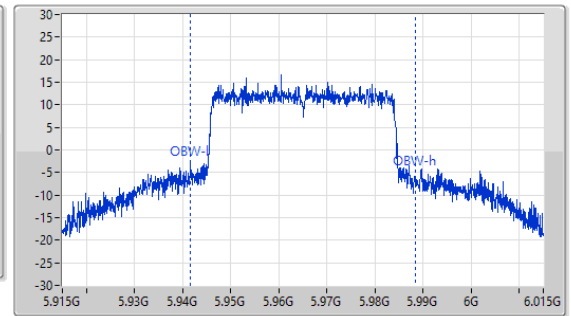
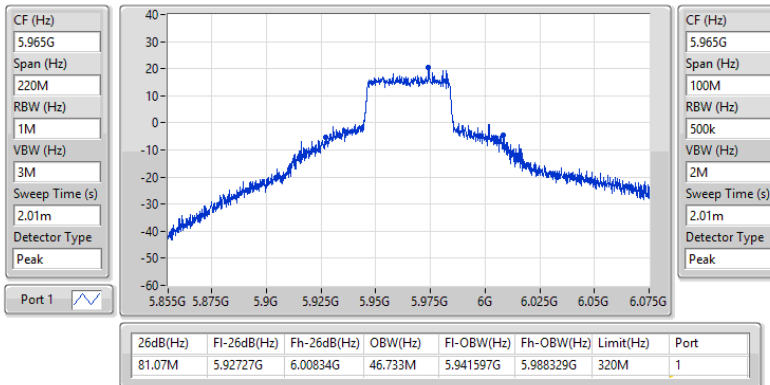

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

17/01/2026

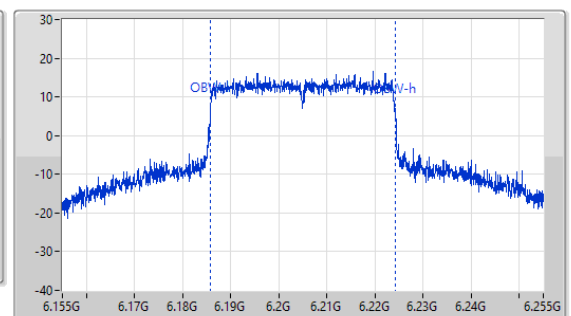
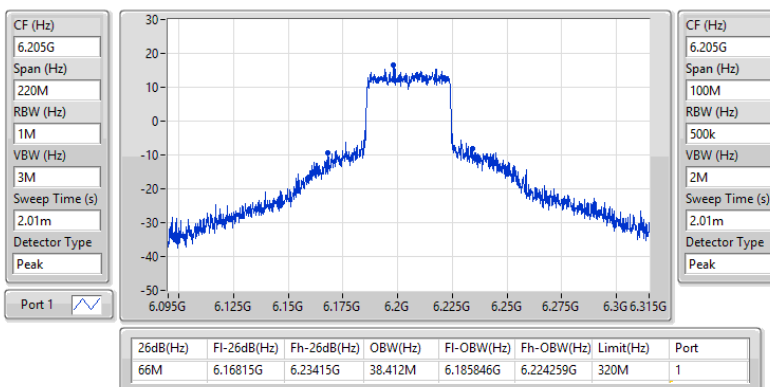


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5965MHz

17/01/2026

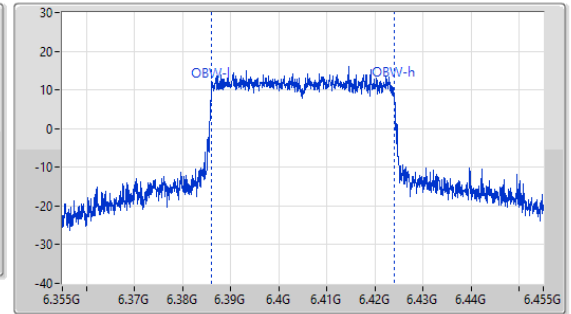
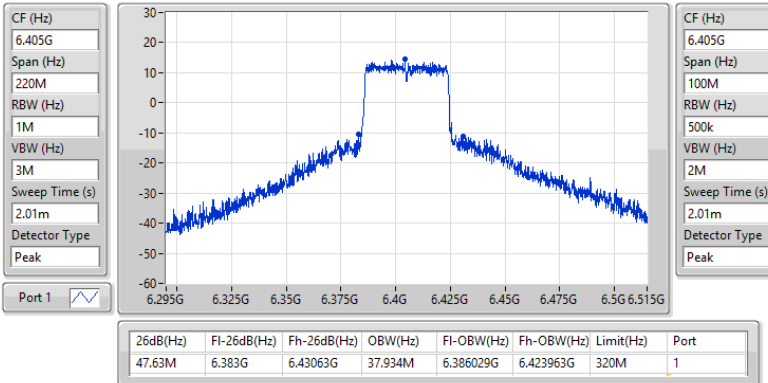

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6205MHz

17/01/2026

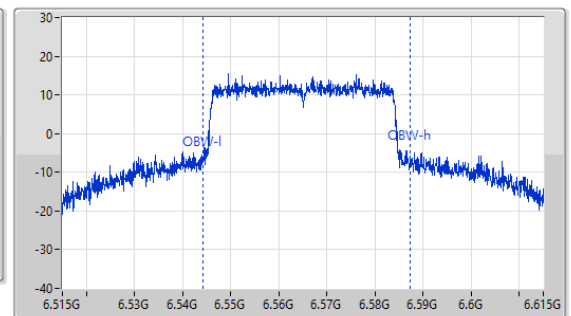
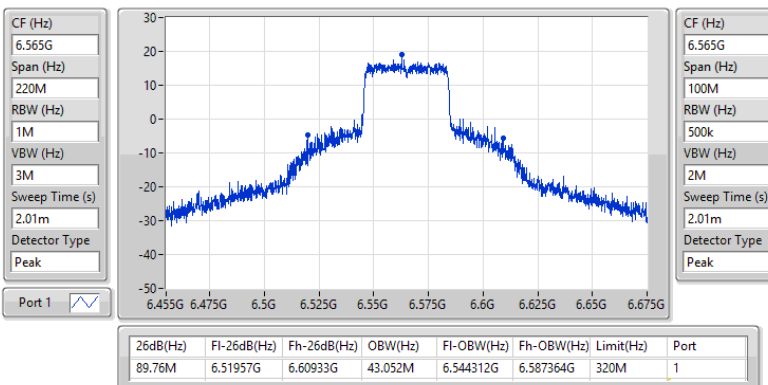


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6405MHz

17/01/2026

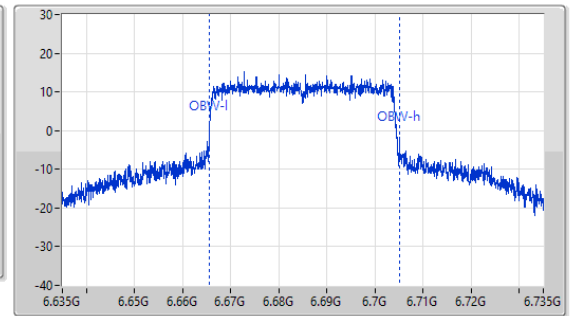
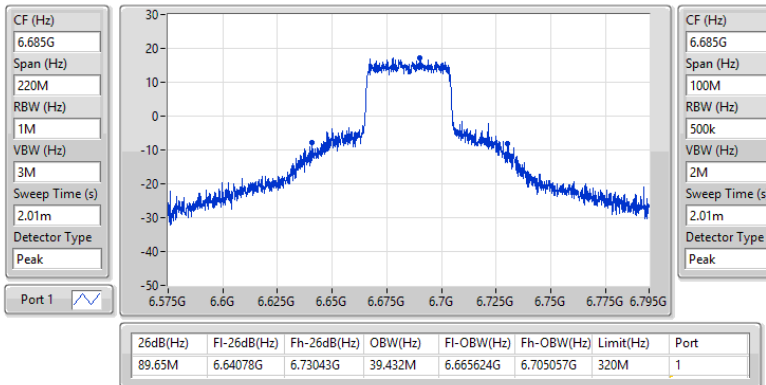

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6565MHz

17/01/2026

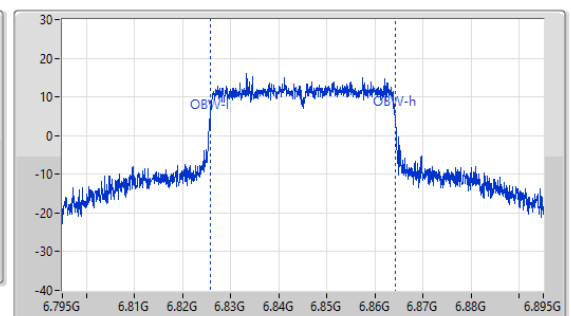
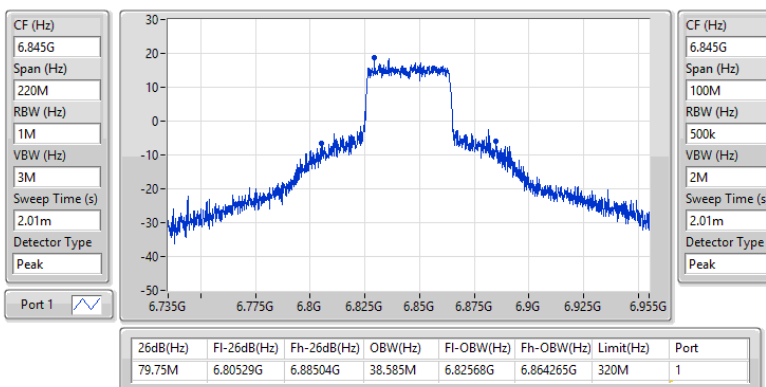


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

17/01/2026

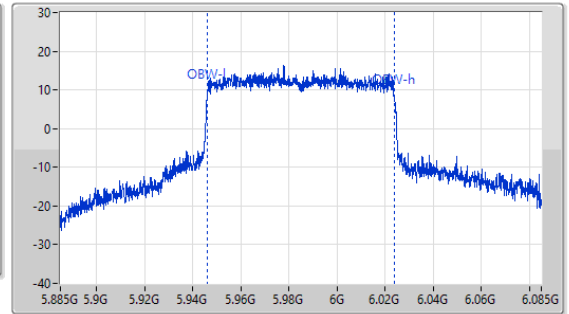
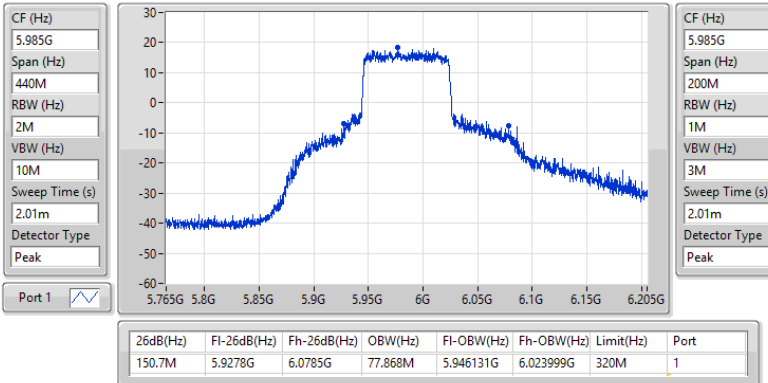

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

17/01/2026

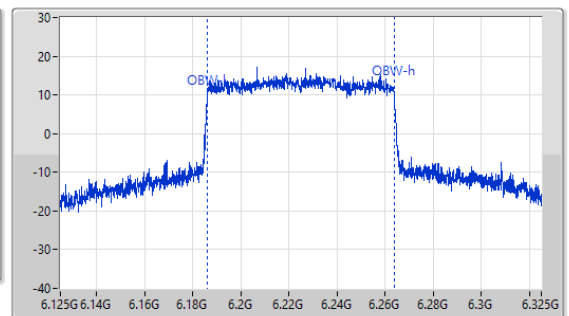
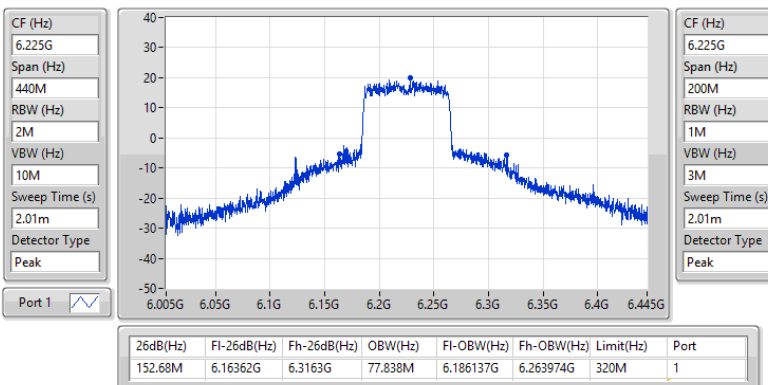


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5985MHz

17/01/2026

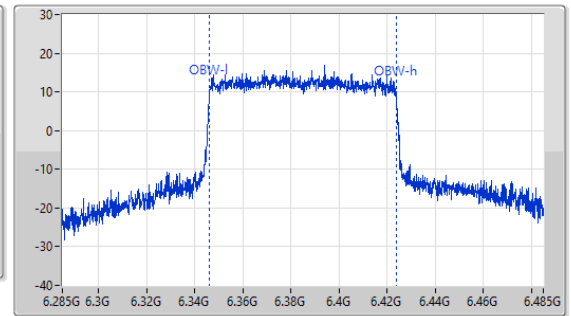
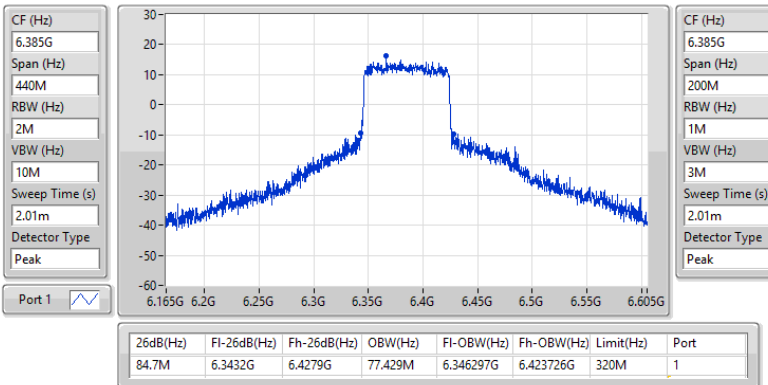

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6225MHz

17/01/2026

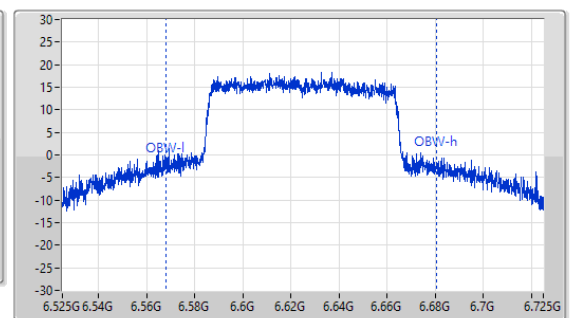
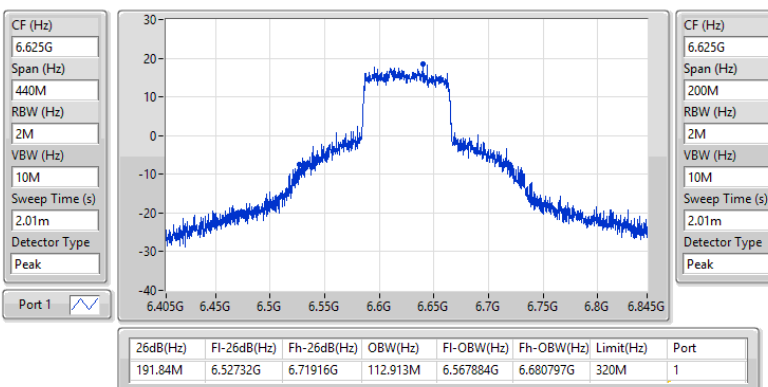


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6385MHz

17/01/2026

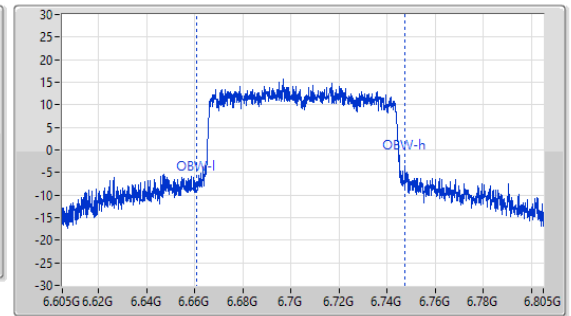
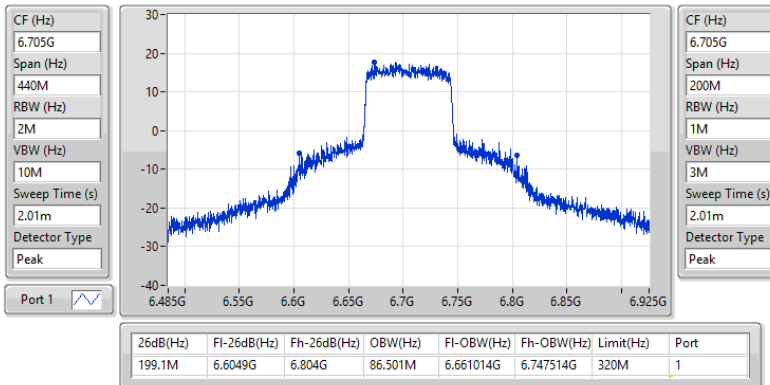

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

17/01/2026

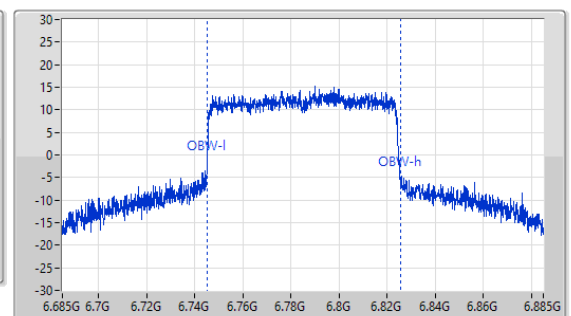
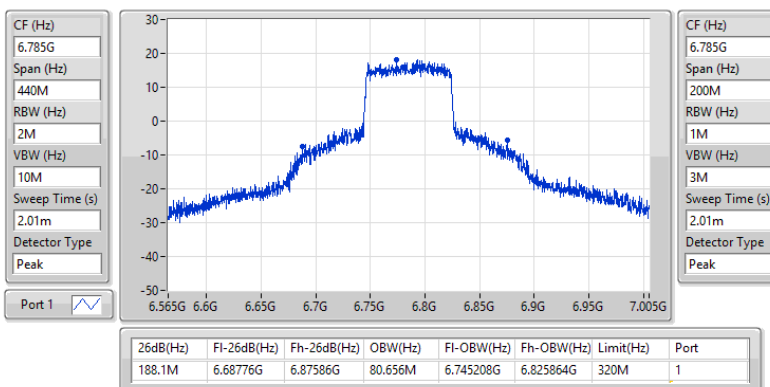


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

17/01/2026

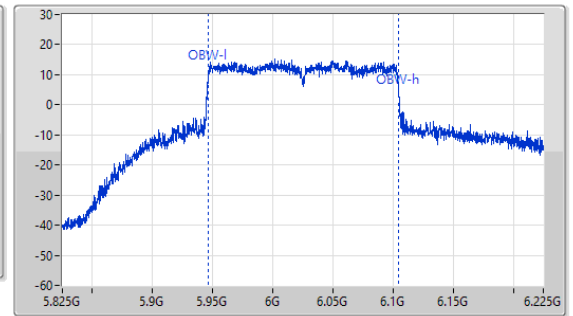
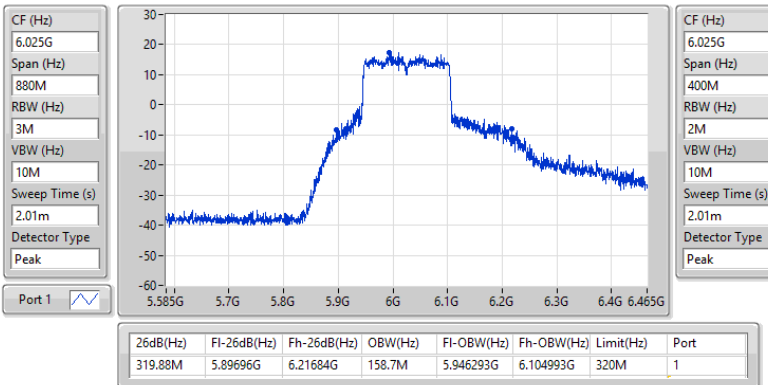

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

17/01/2026

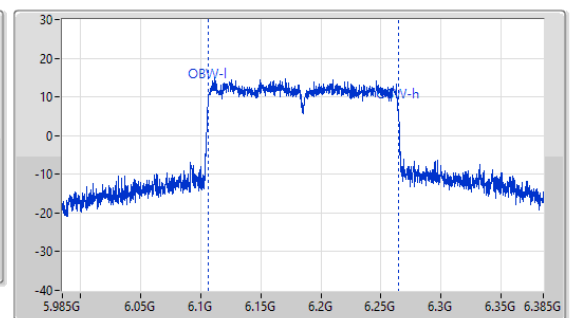
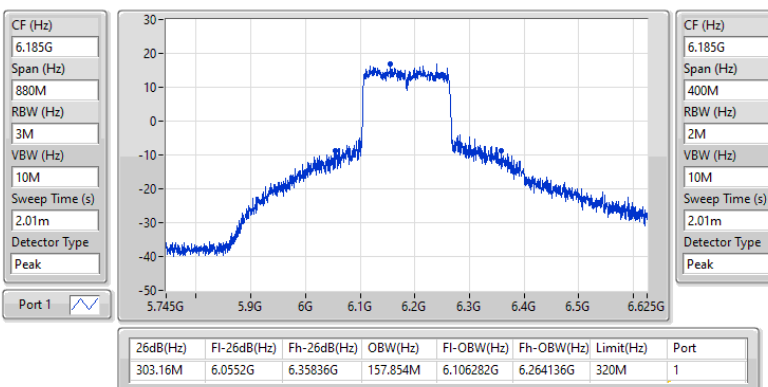


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6025MHz

17/01/2026

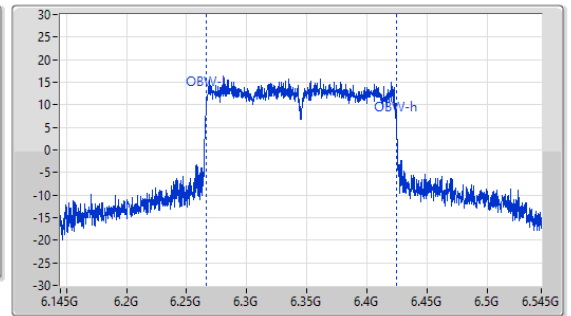
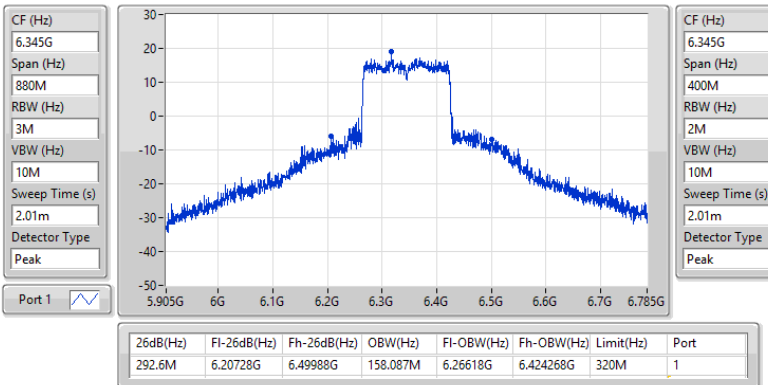

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6185MHz

19/01/2026

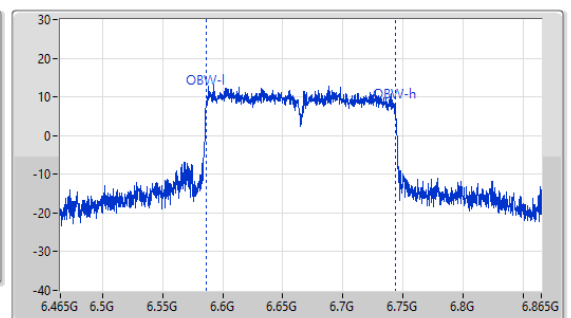
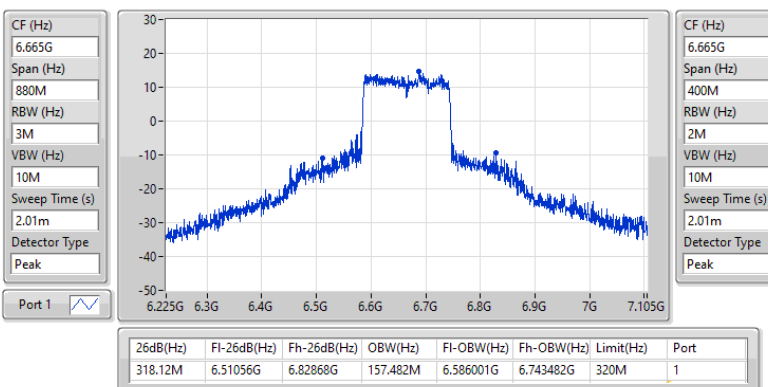


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6345MHz

17/01/2026

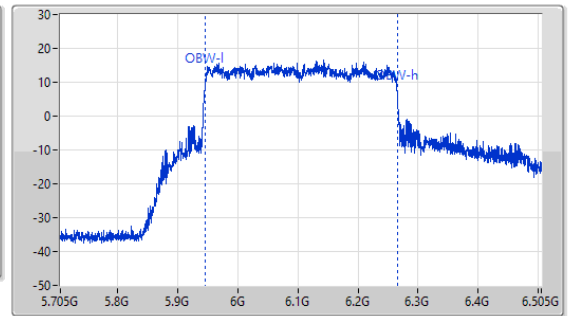
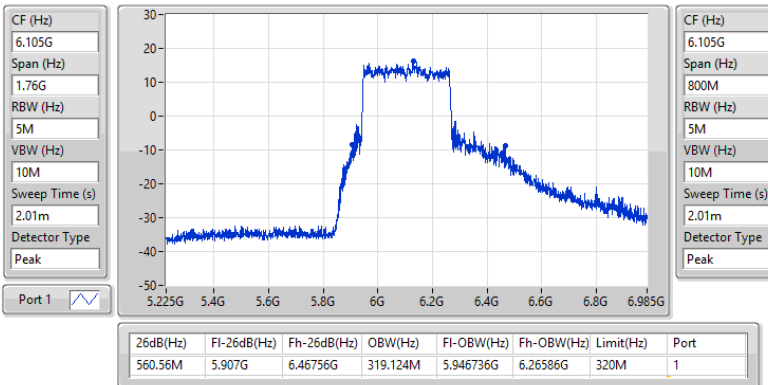

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6665MHz

19/01/2026

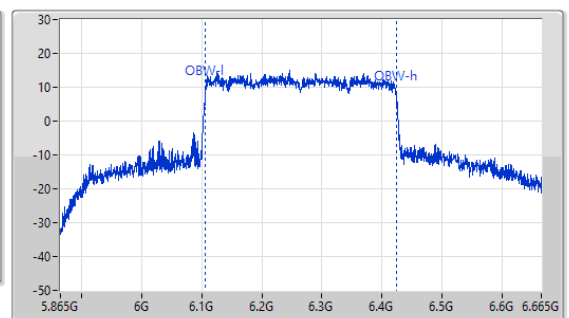
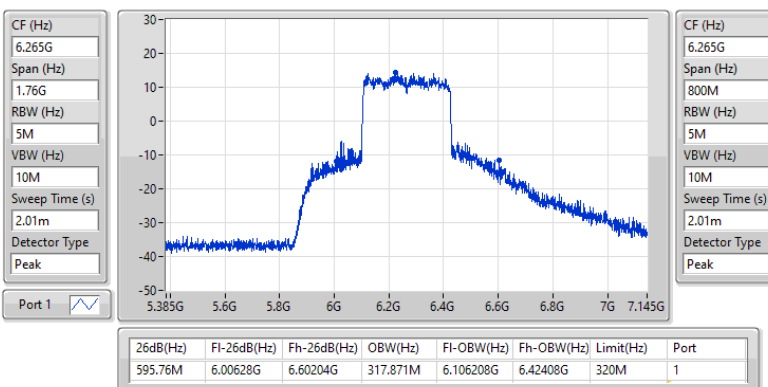


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6105MHz

17/01/2026


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

20/01/2026

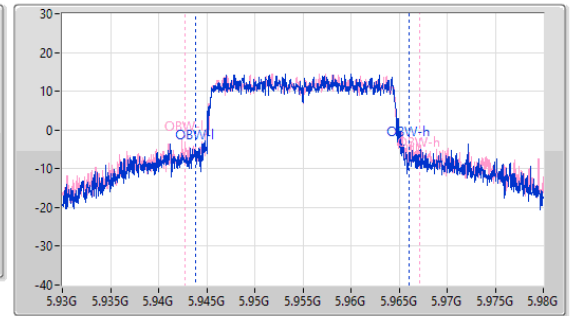
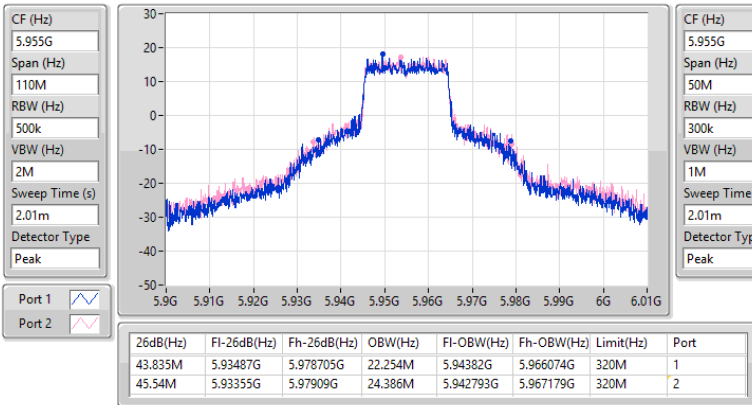


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5955MHz

17/01/2026

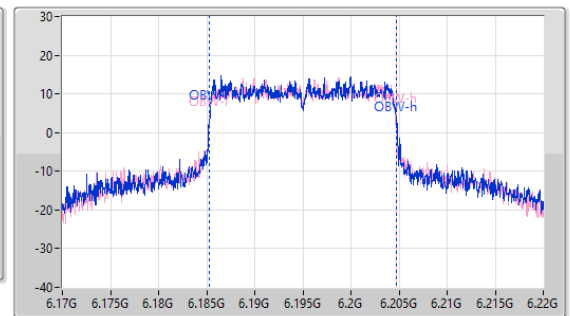
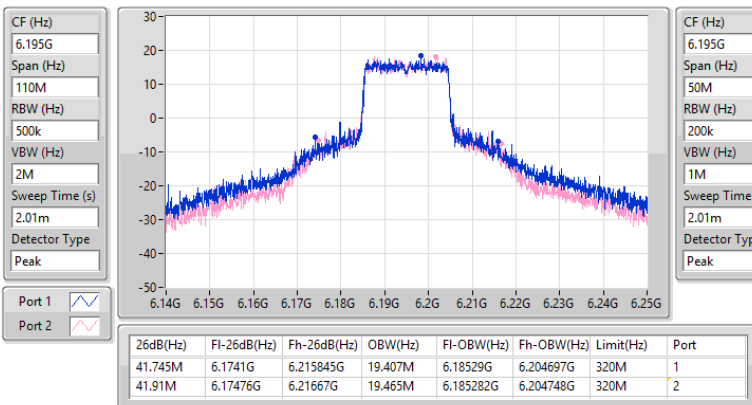


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6195MHz

17/01/2026

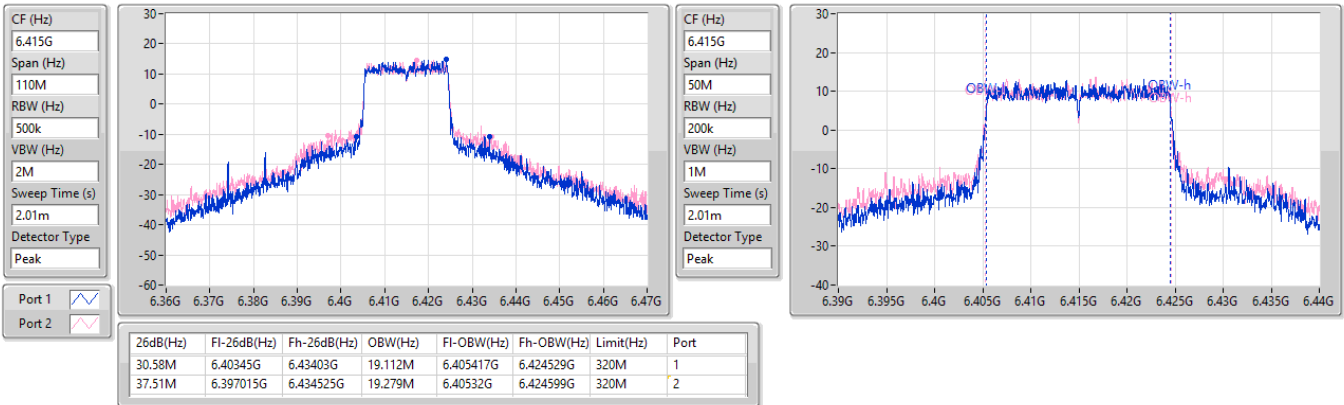


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6415MHz

17/01/2026

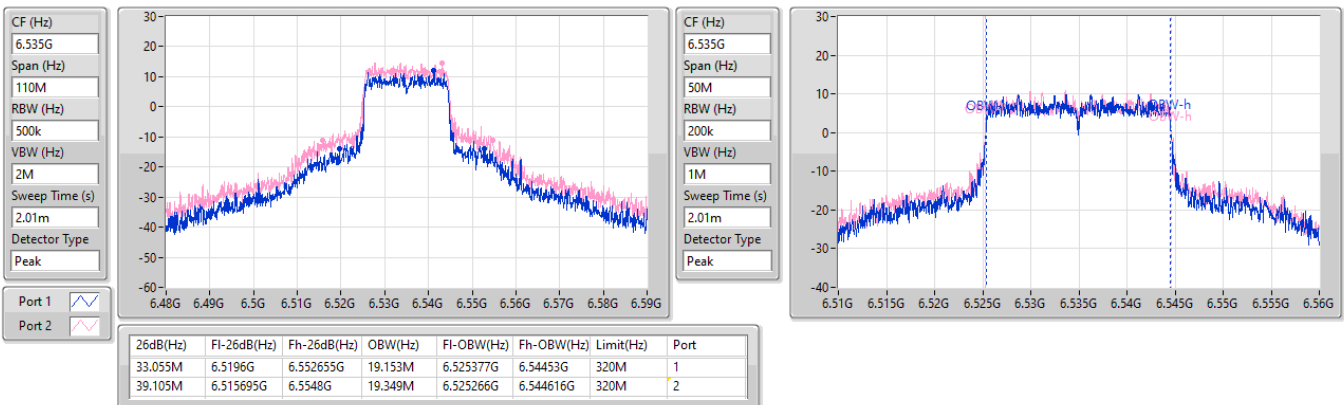


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

20/01/2026

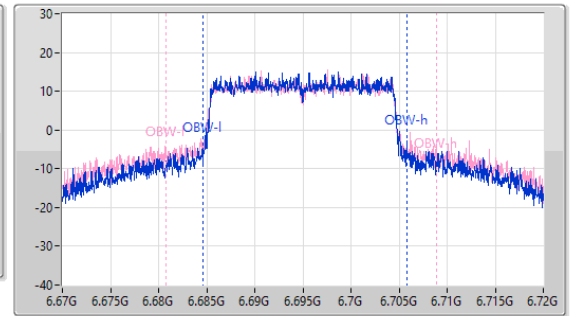
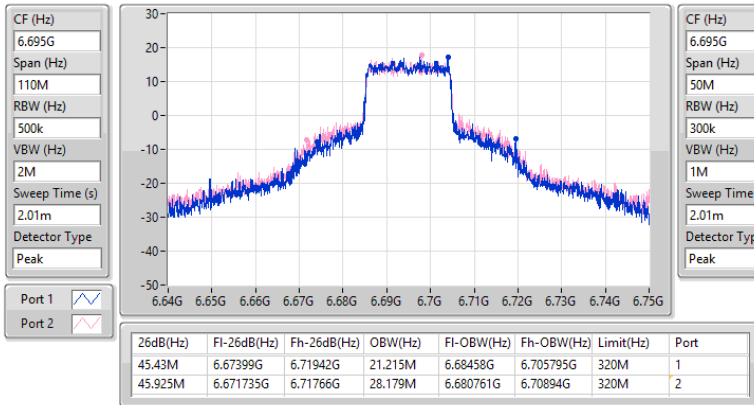


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6695MHz

17/01/2026

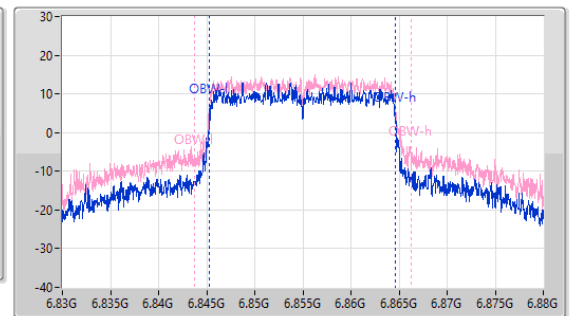
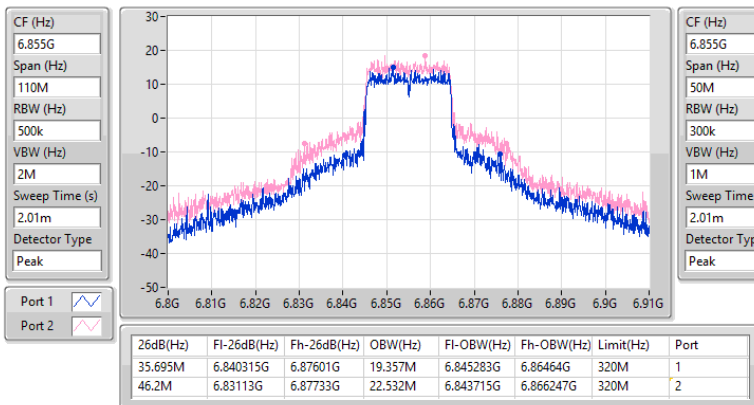


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6855MHz

17/01/2026

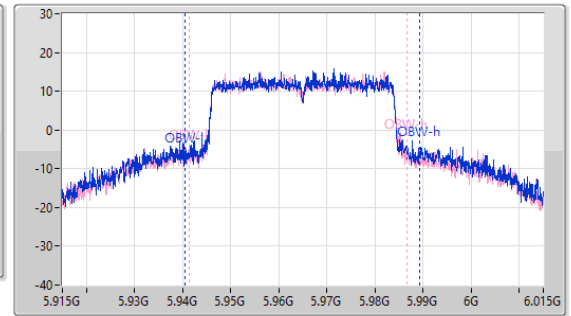
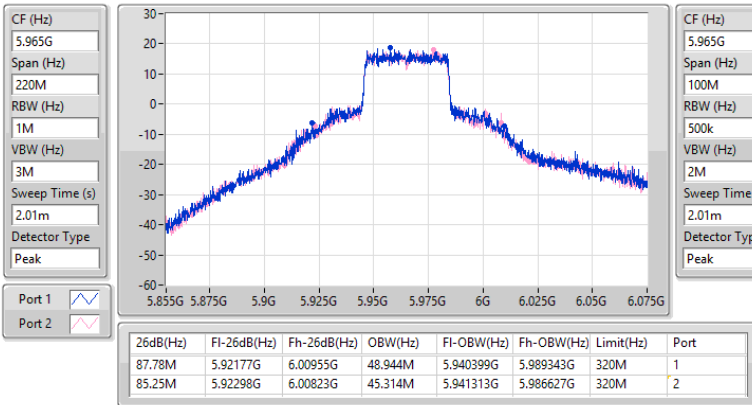


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5965MHz

17/01/2026

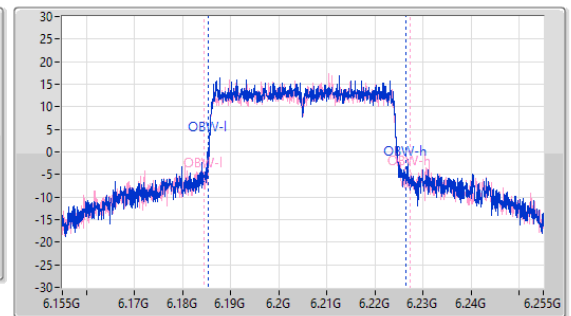
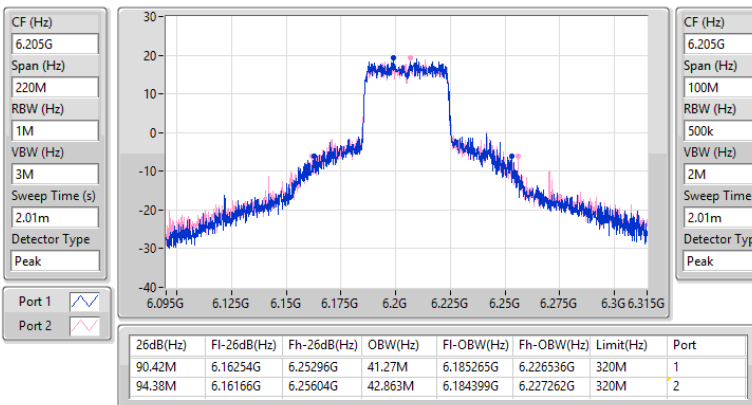


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

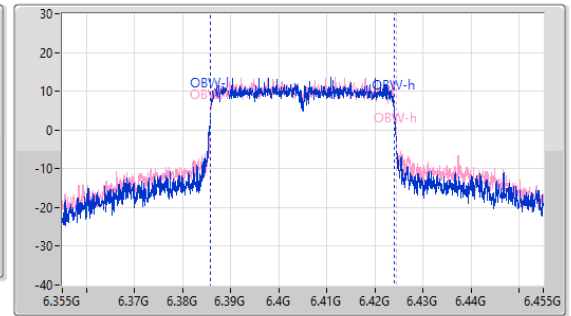
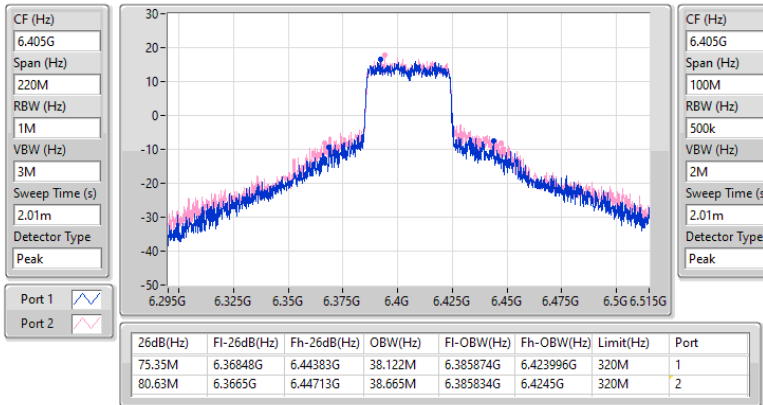
6205MHz

17/01/2026

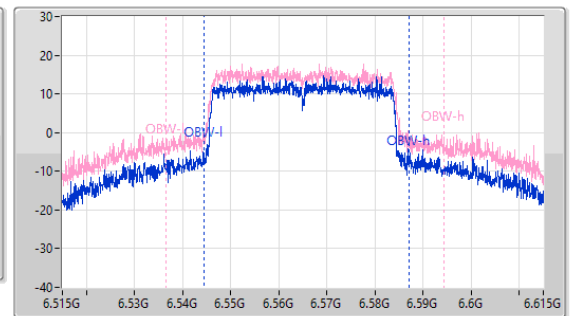
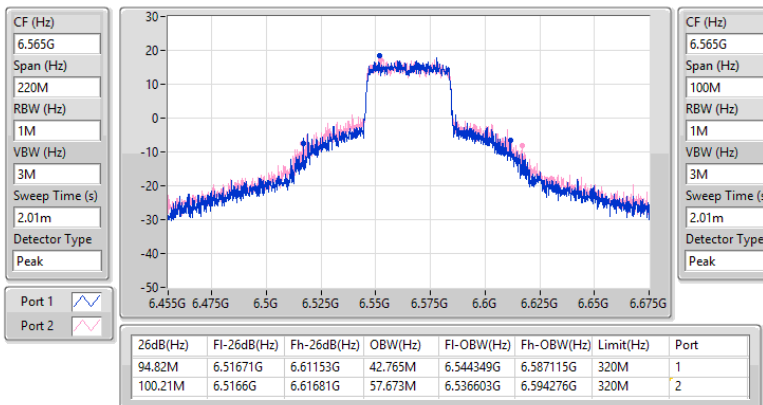


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6405MHz

20/01/2026


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6565MHz

17/01/2026

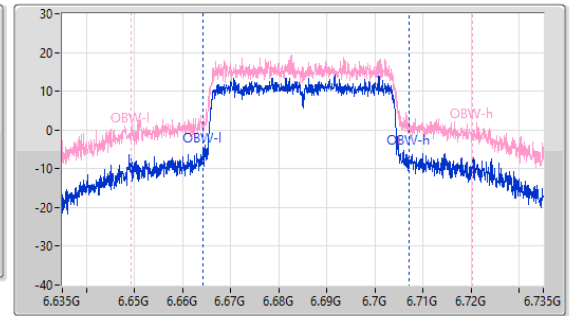
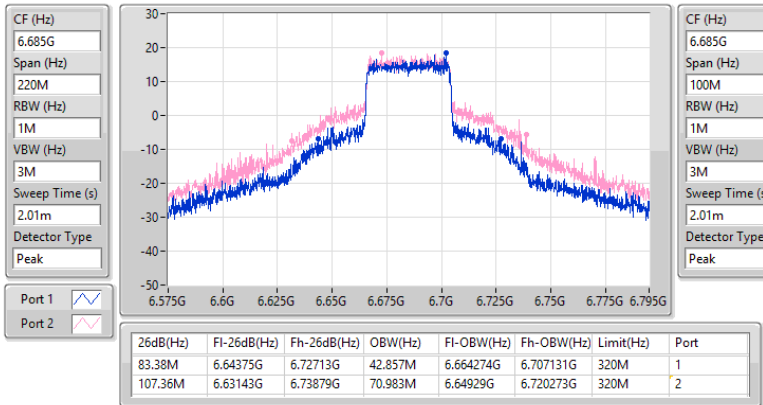


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6685MHz

17/01/2026

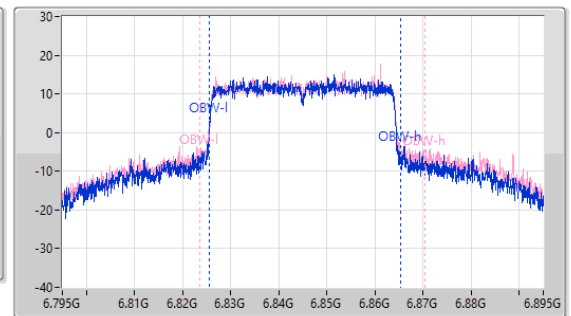
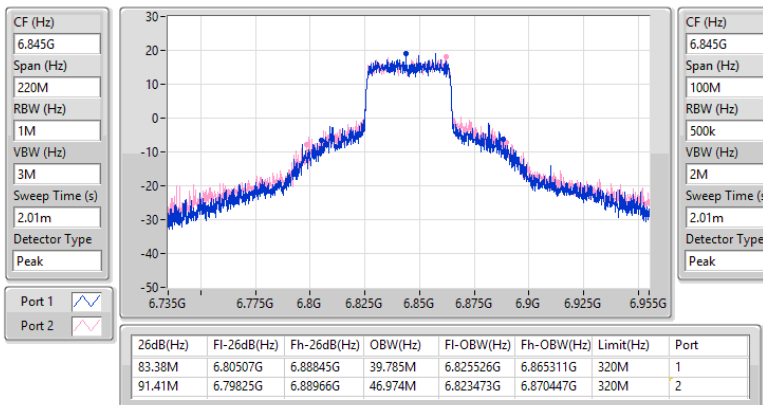


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6845MHz

17/01/2026

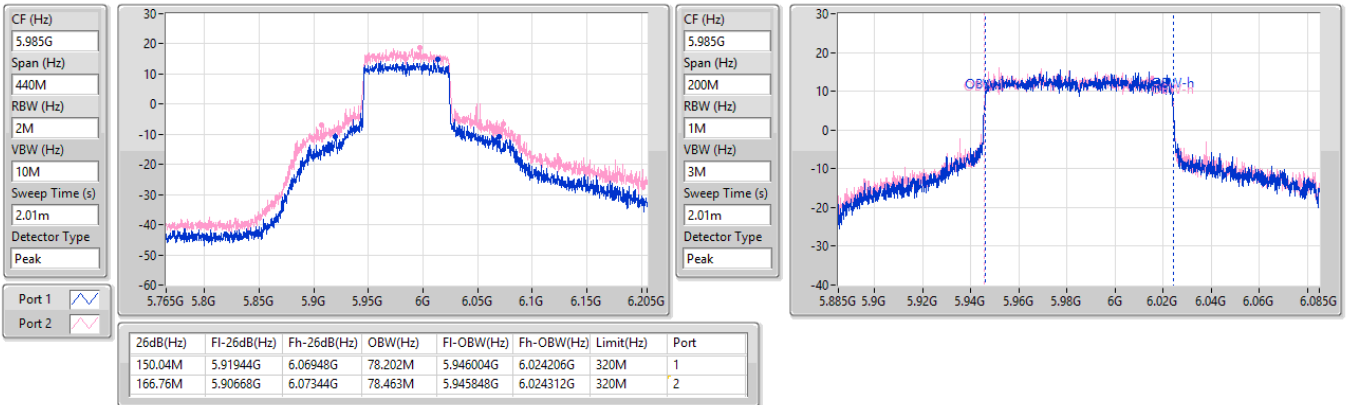


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5985MHz

17/01/2026

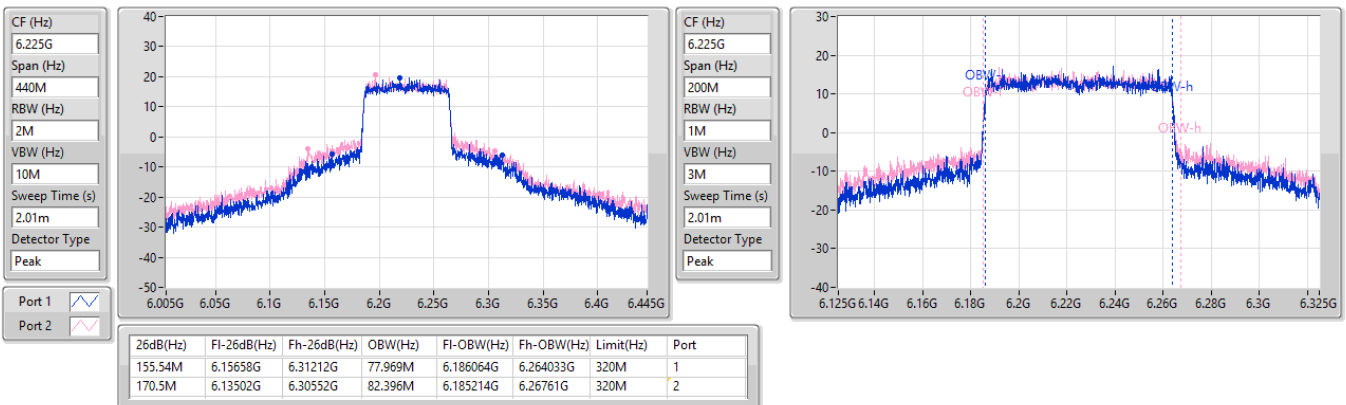


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6225MHz

17/01/2026

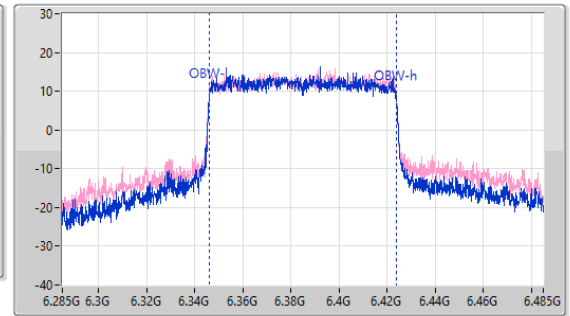
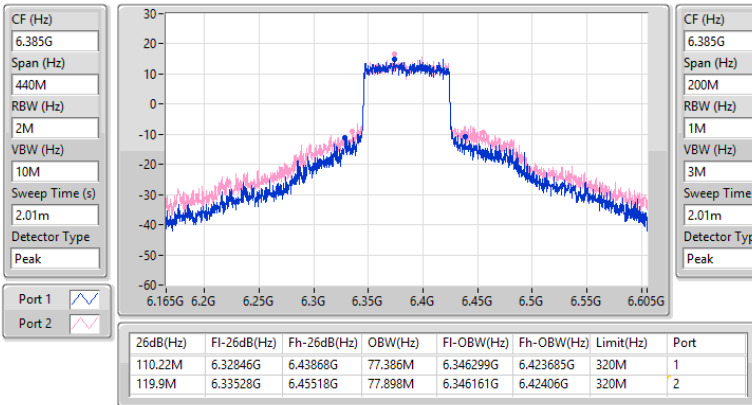


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6385MHz

17/01/2026

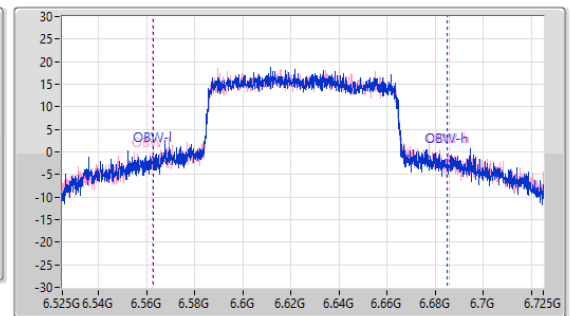
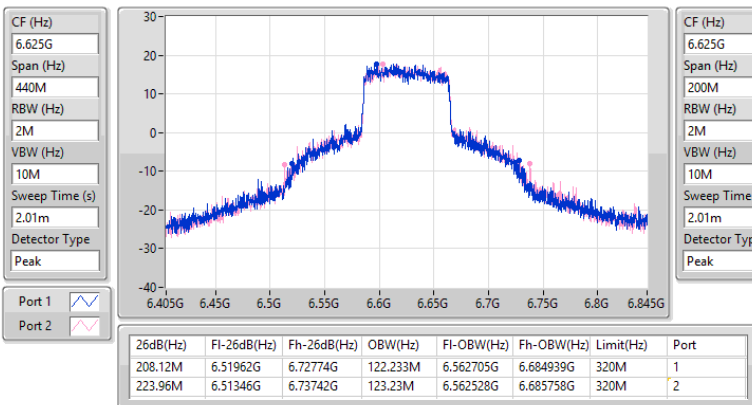


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6625MHz

17/01/2026

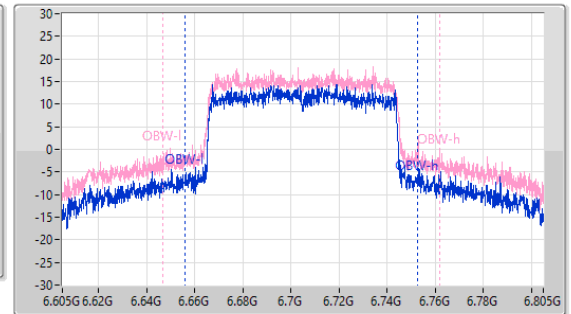
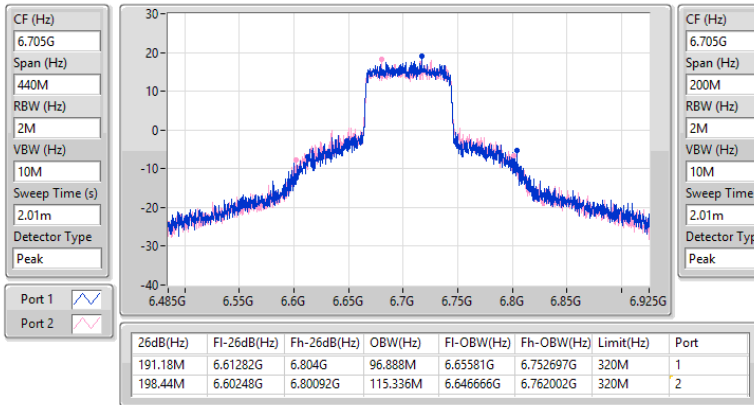


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6705MHz

17/01/2026

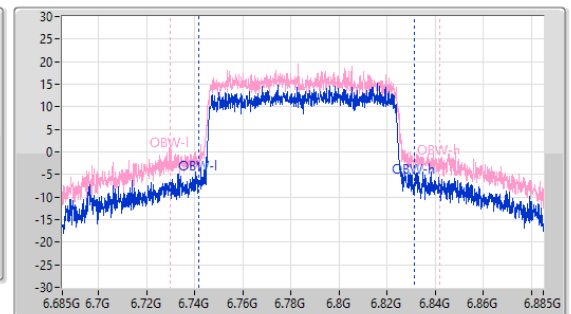
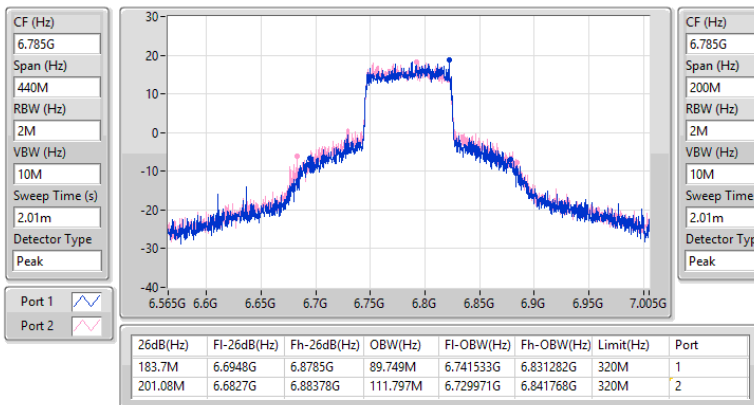


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6785MHz

17/01/2026

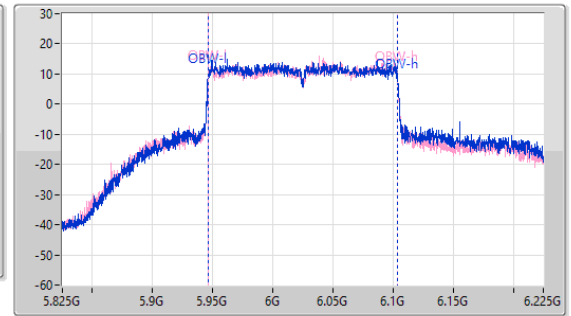
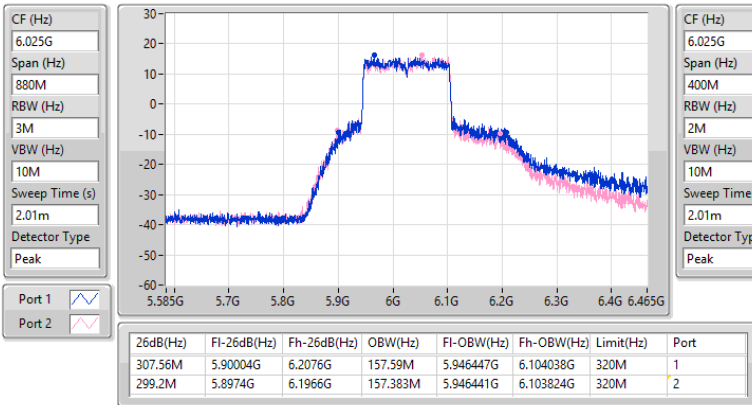


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6025MHz

17/01/2026

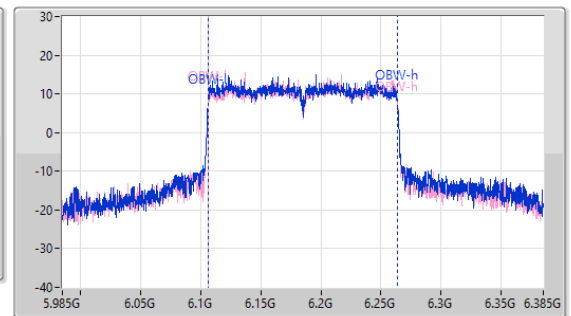
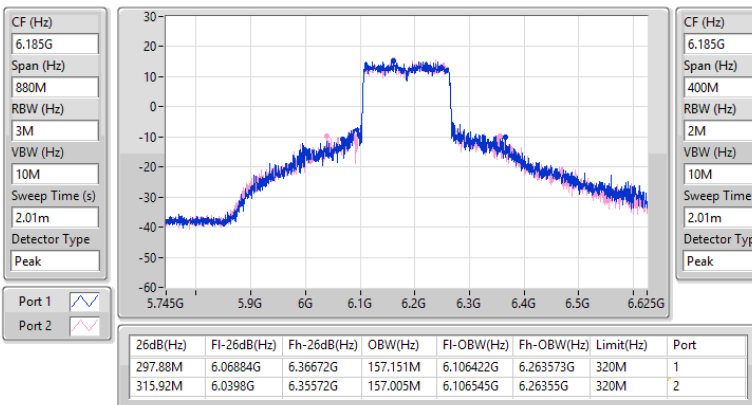


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

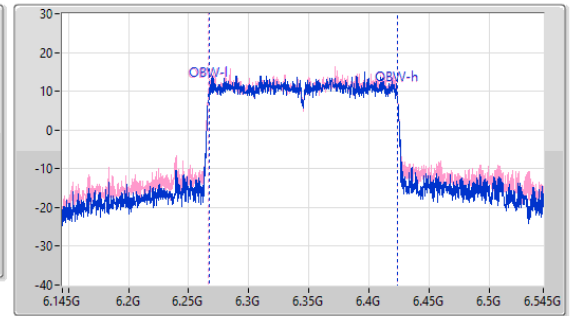
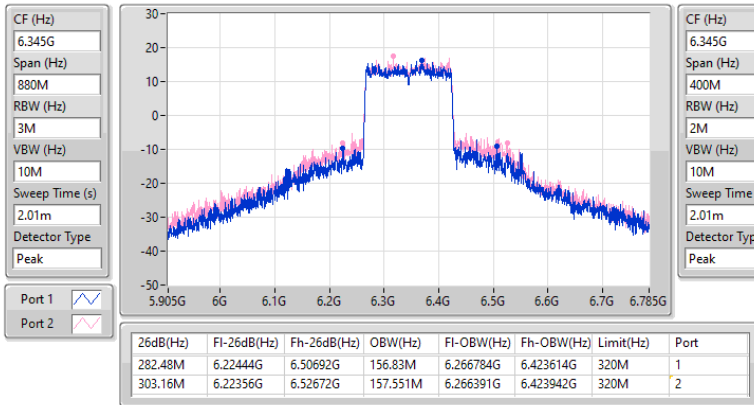
6185MHz

17/01/2026

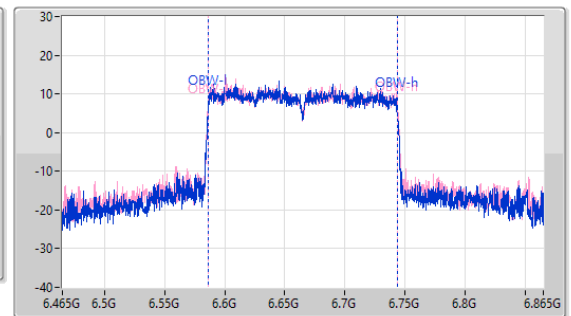
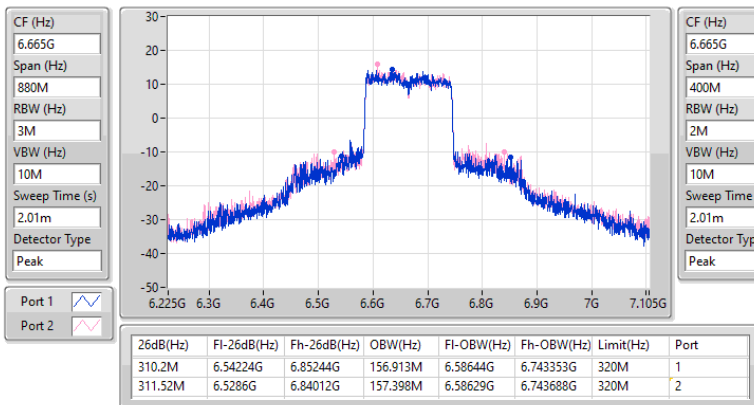


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6345MHz

19/01/2026


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6665MHz

19/01/2026

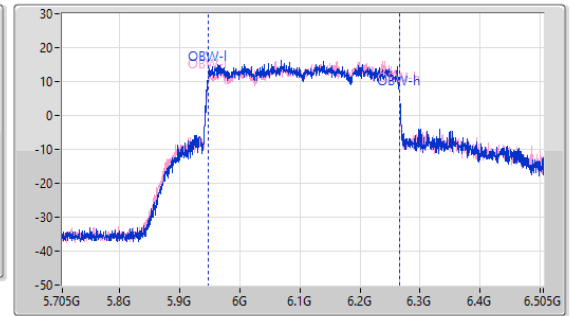
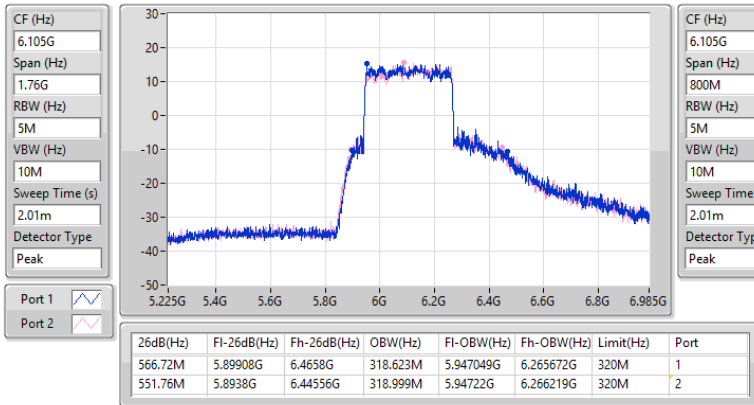


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6105MHz

17/01/2026

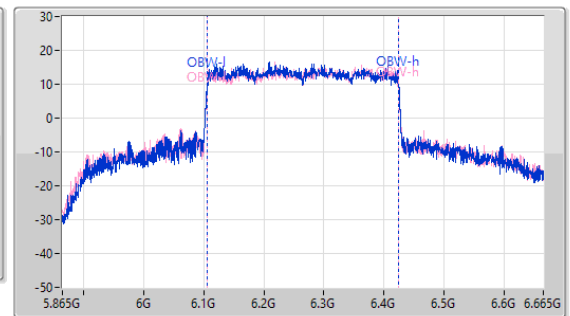
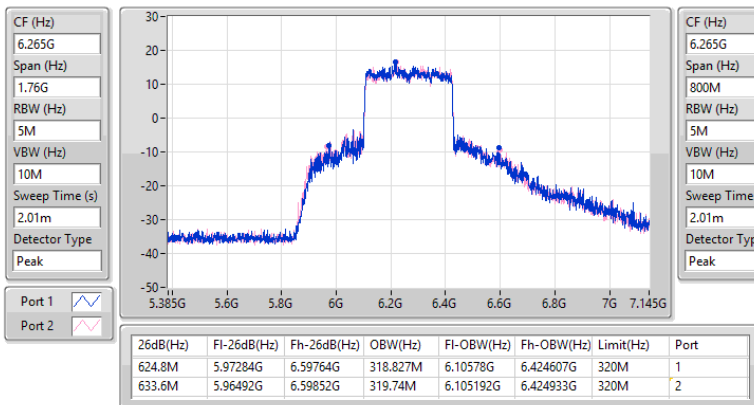


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6265MHz

17/01/2026

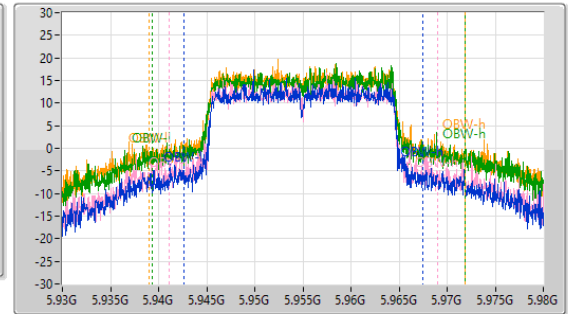
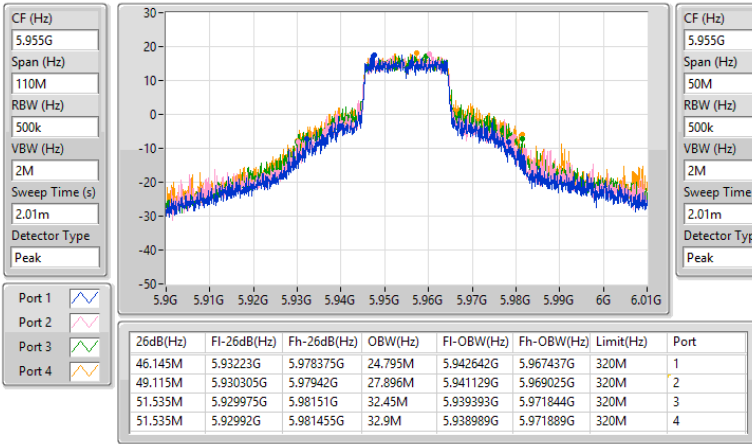


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5955MHz

17/01/2026

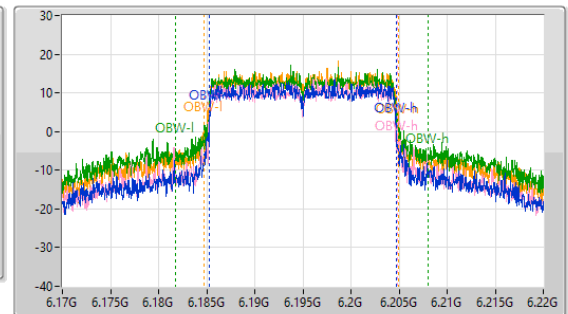
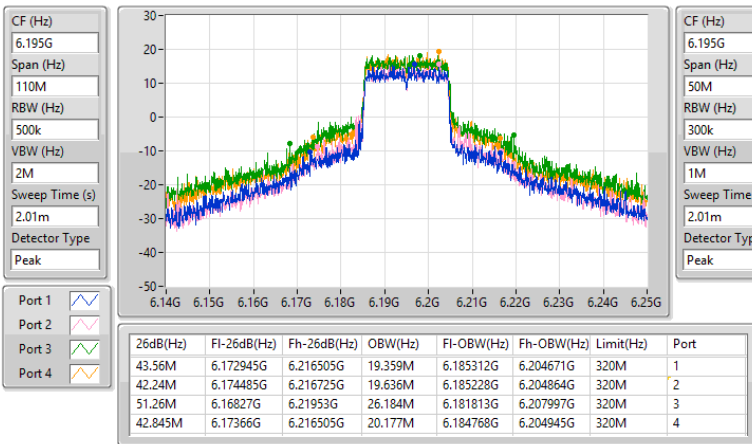


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

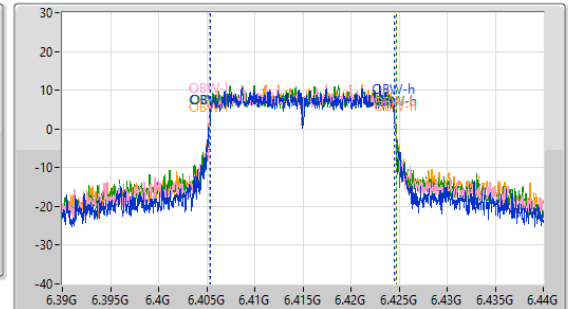
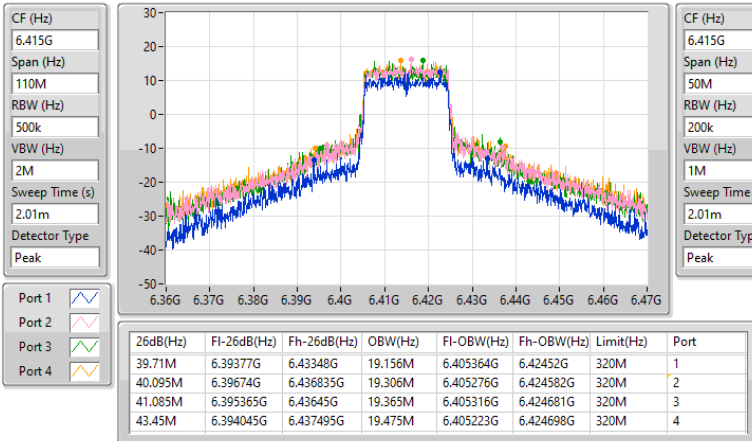
6195MHz

17/01/2026

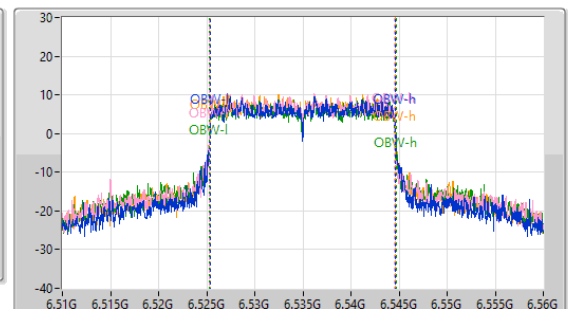
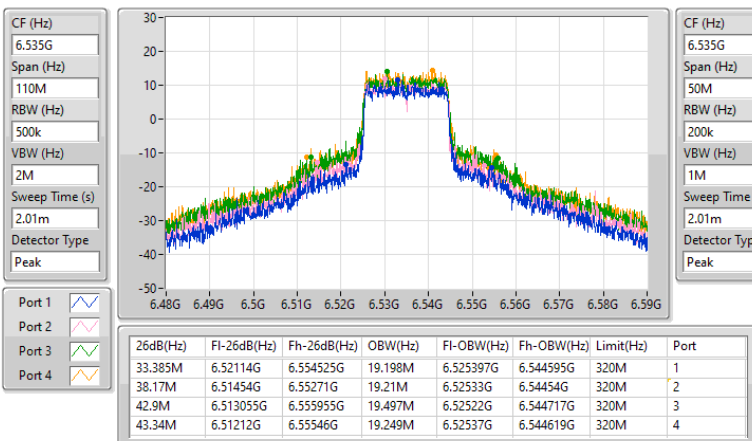


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

20/01/2026


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

20/01/2026

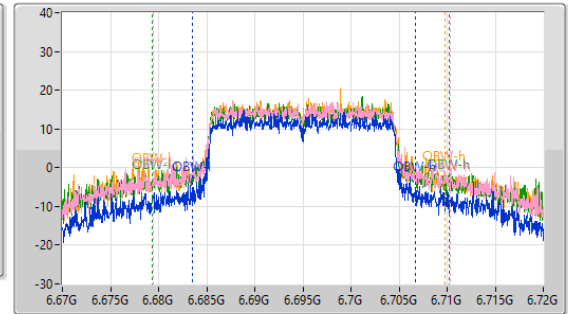
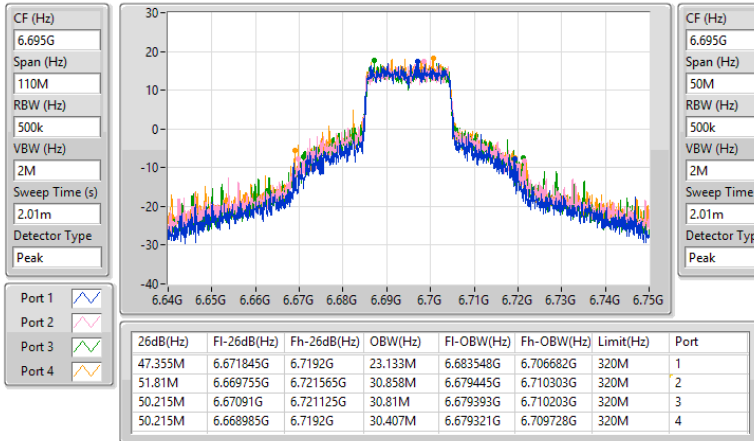


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

17/01/2026

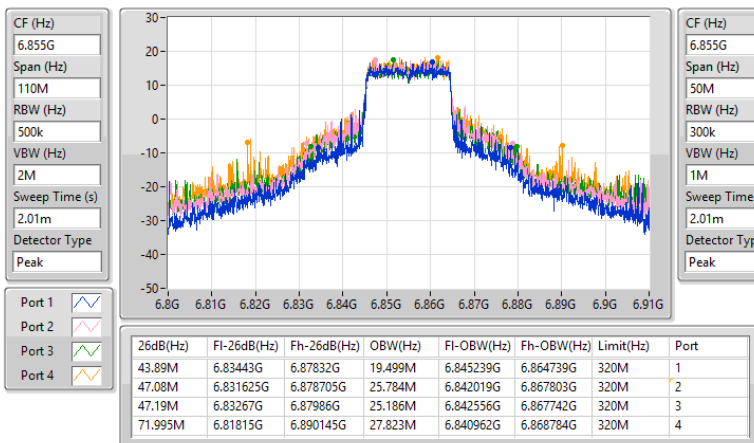


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

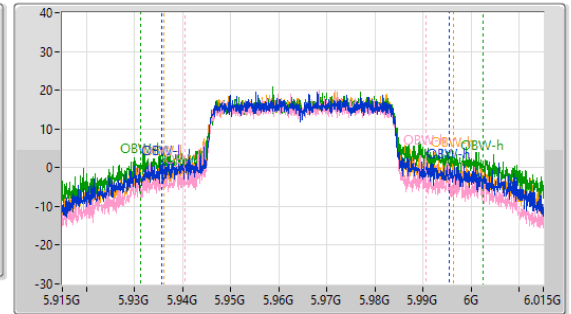
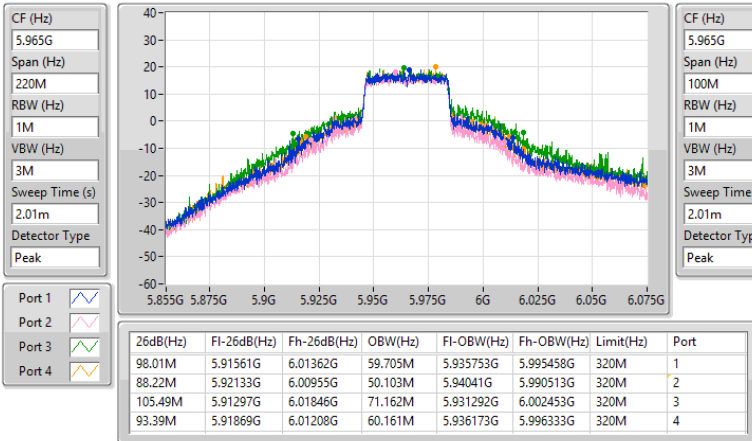
6855MHz

17/01/2026

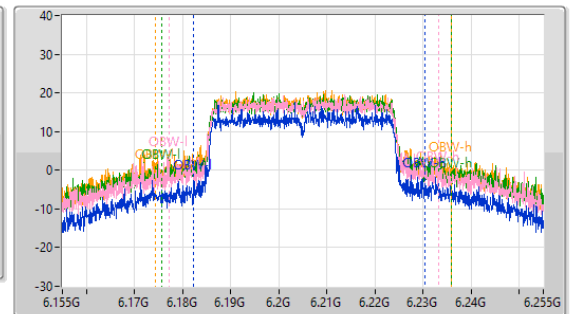
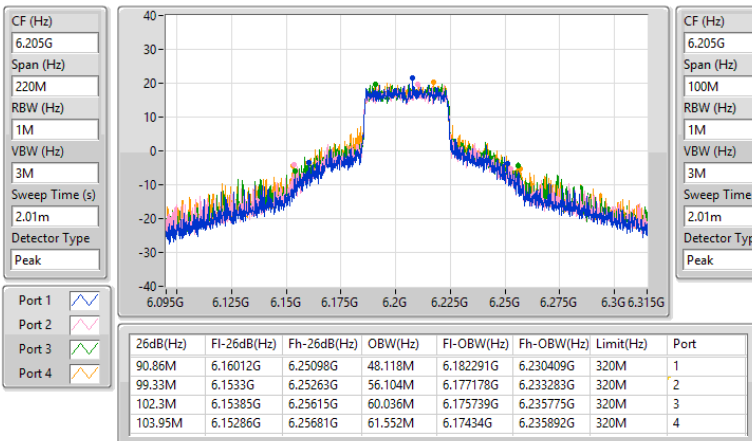


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5965MHz

17/01/2026

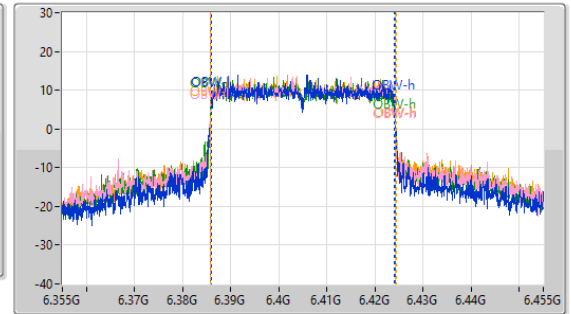
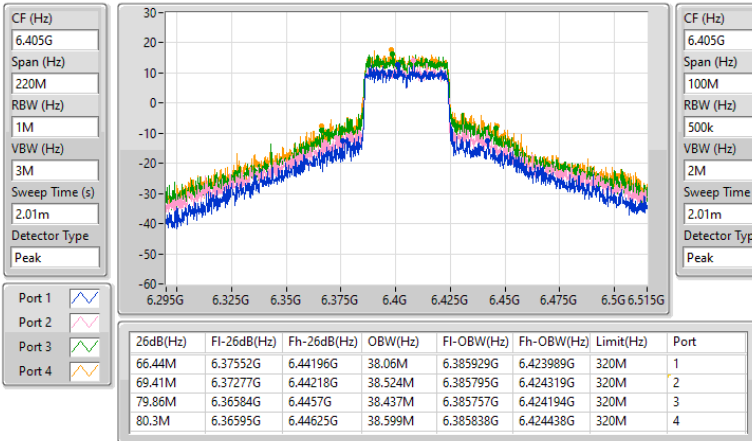

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

17/01/2026

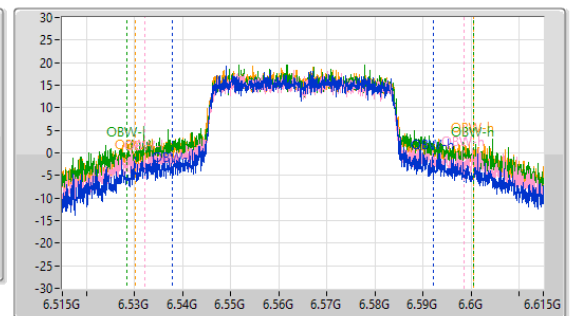
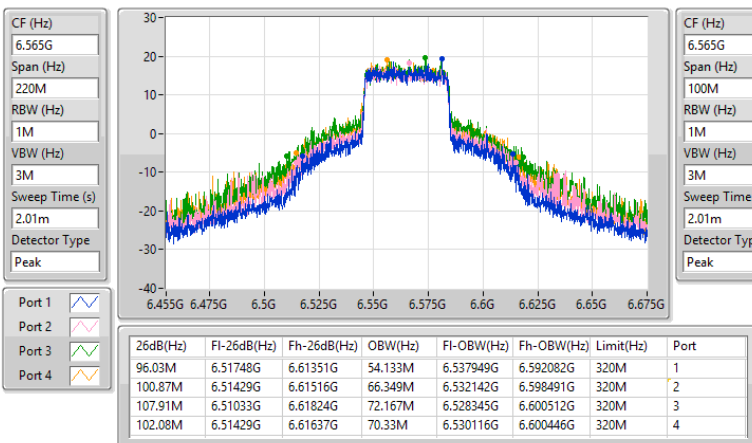


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6405MHz

20/01/2026

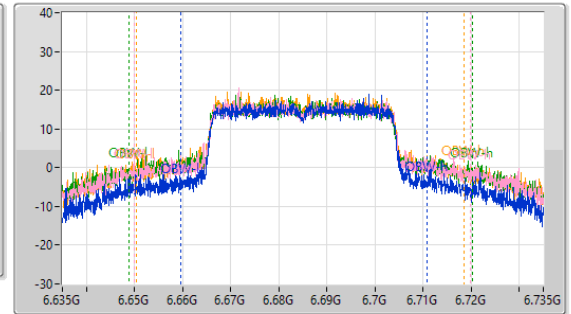
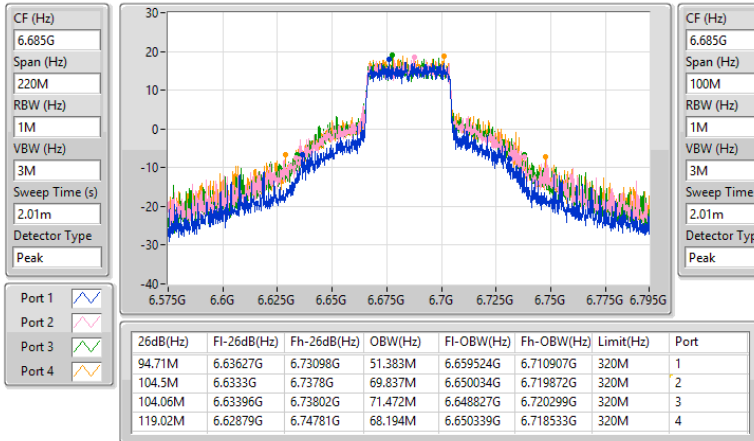

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6565MHz

17/01/2026

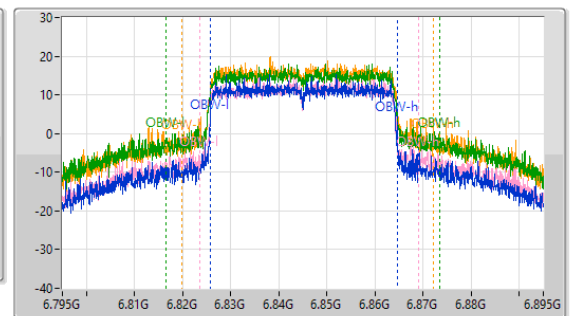
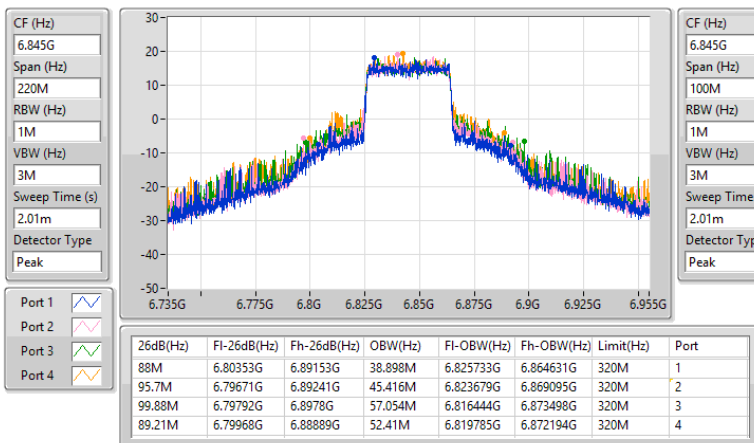


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

17/01/2026

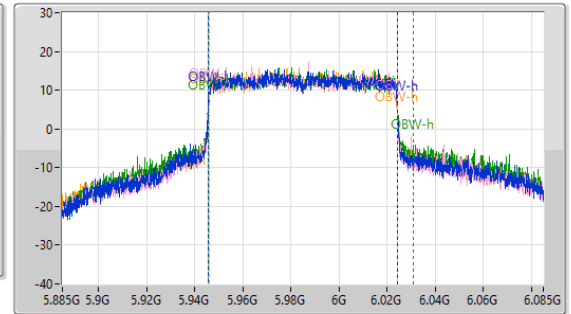
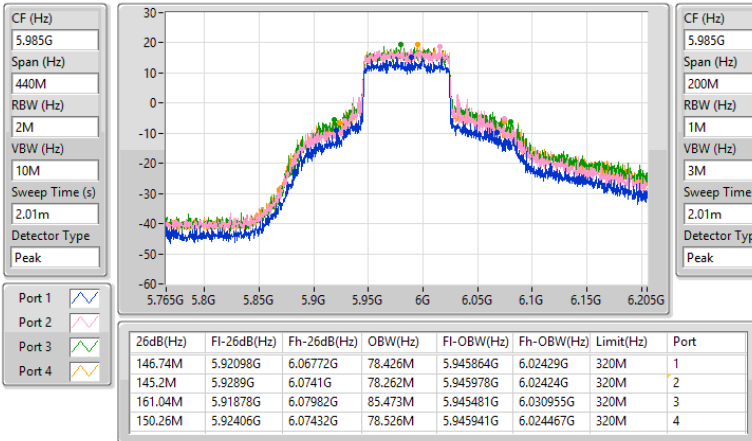

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

17/01/2026

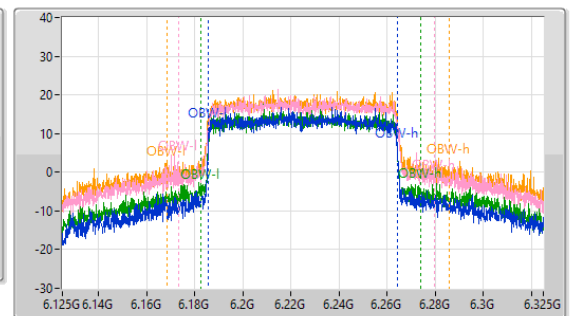
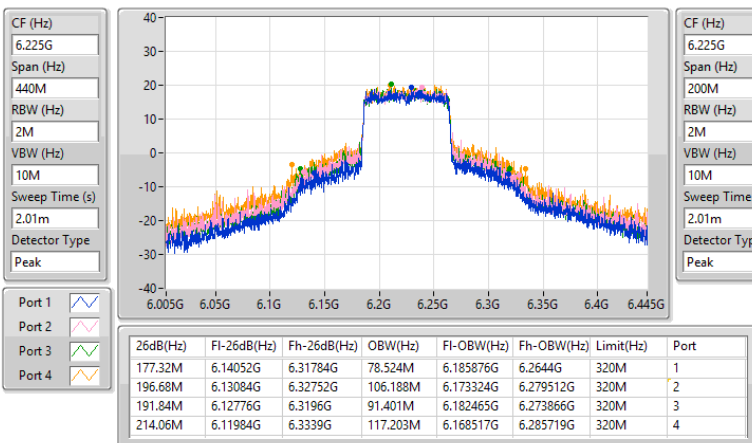


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5985MHz

17/01/2026

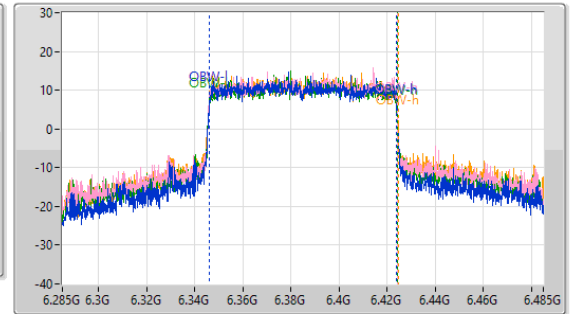
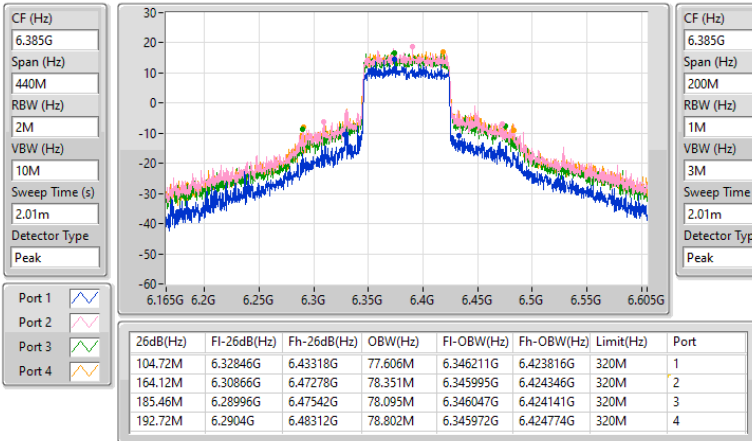

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6225MHz

17/01/2026

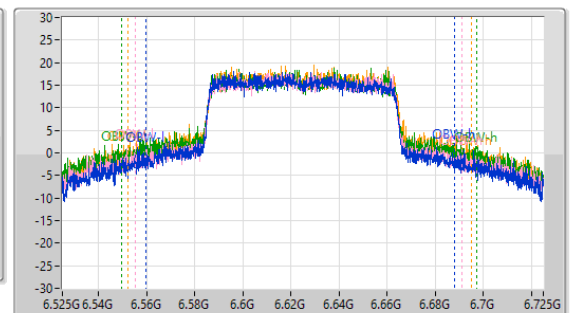
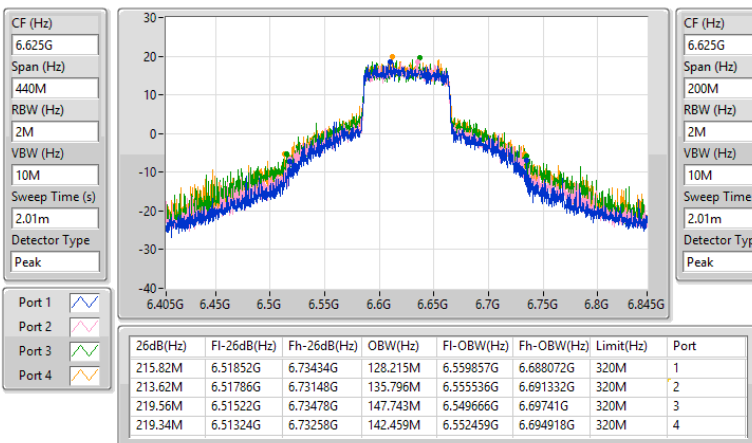


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6385MHz

20/01/2026

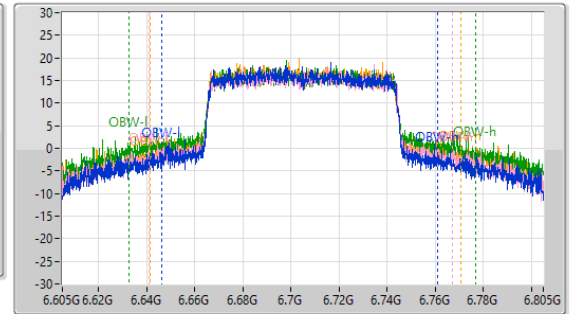
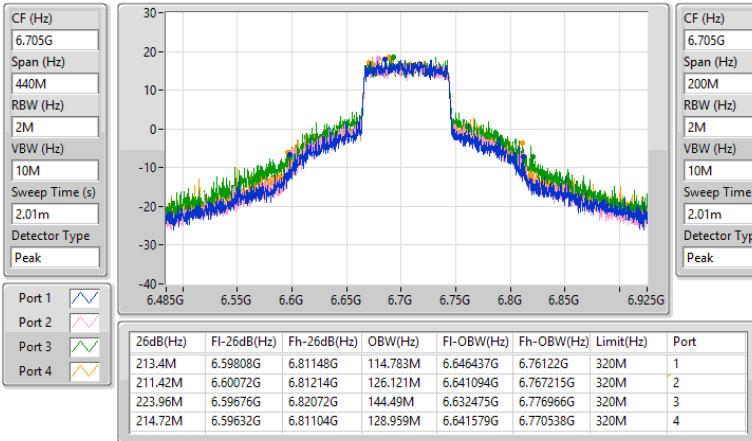

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6625MHz

17/01/2026

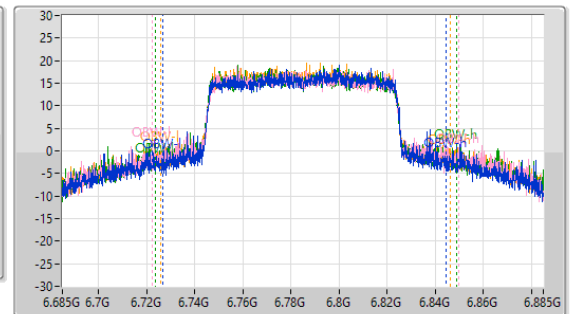
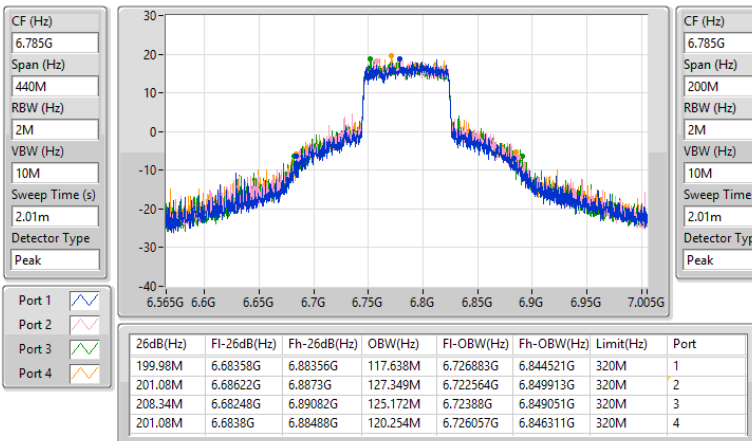


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6705MHz

17/01/2026


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6785MHz

17/01/2026

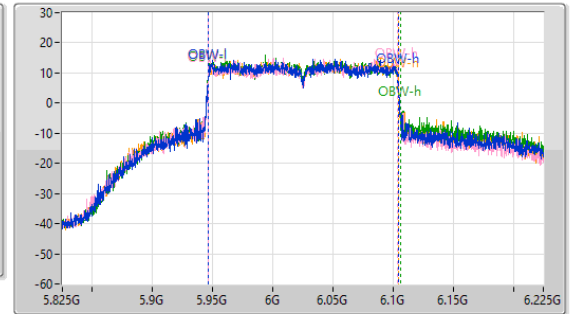
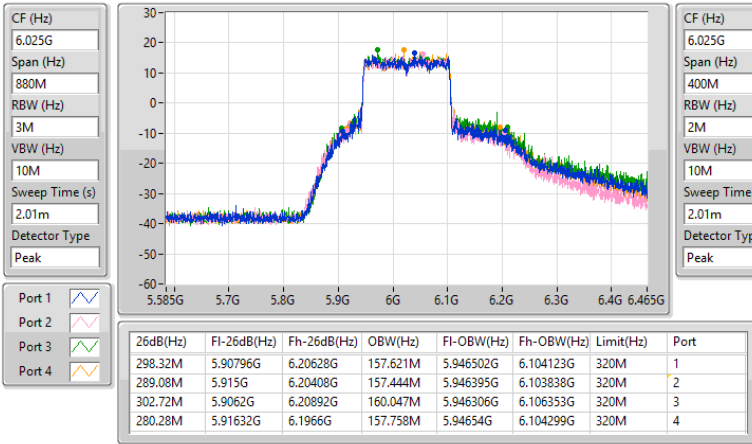


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

17/01/2026

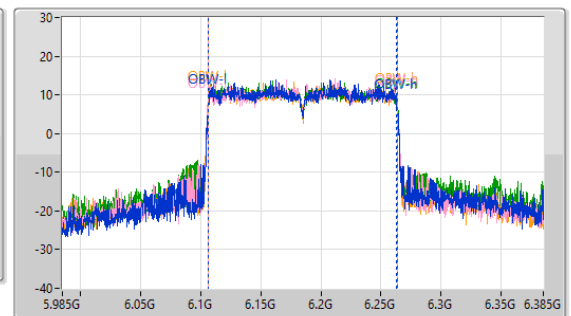
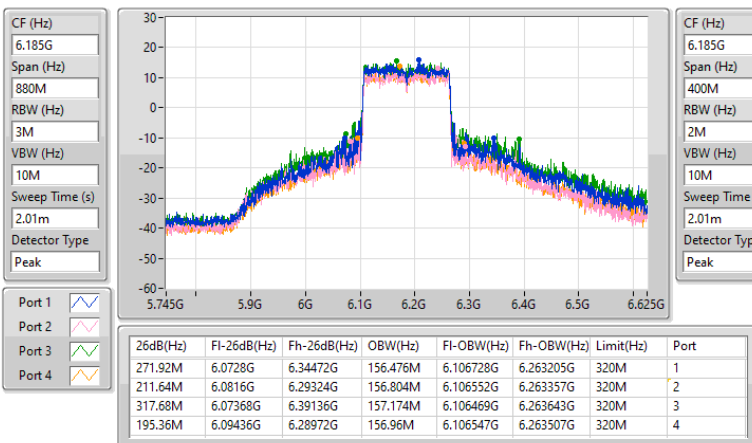


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6185MHz

19/01/2026

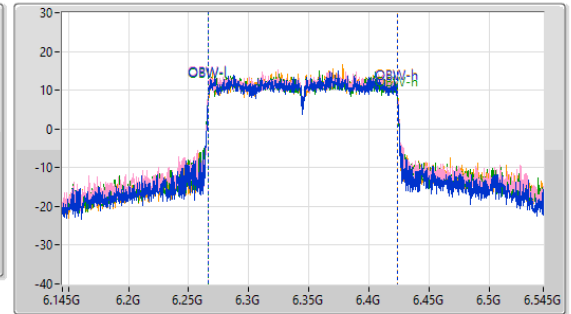
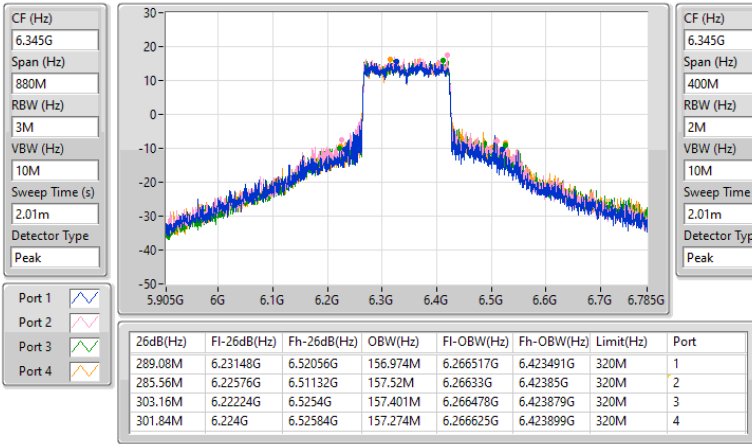


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6345MHz

19/01/2026

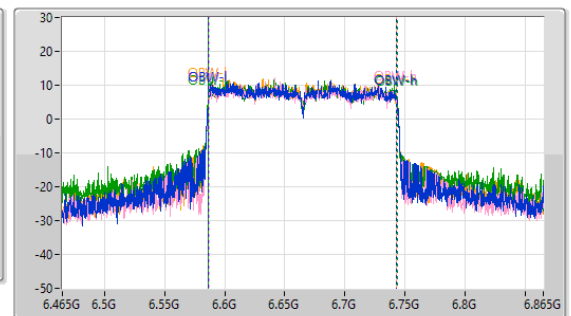
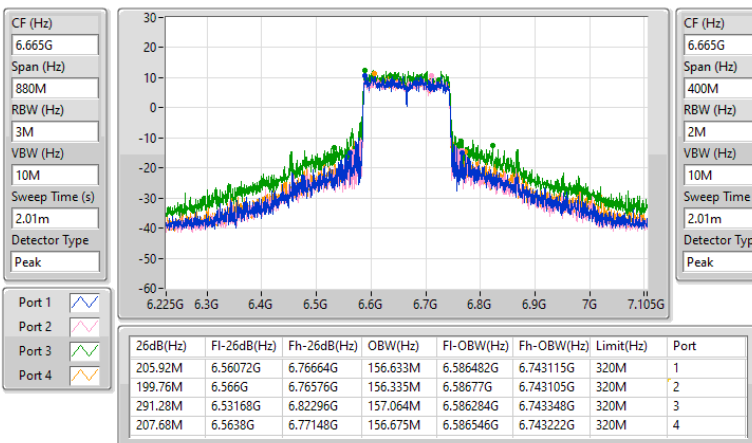


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

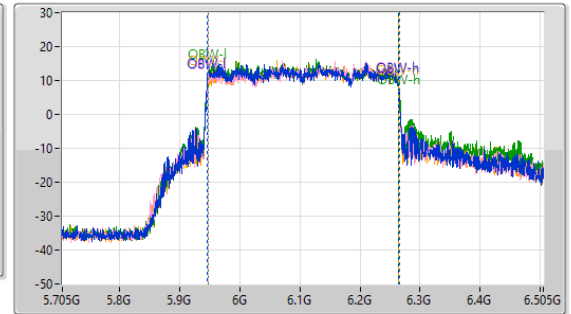
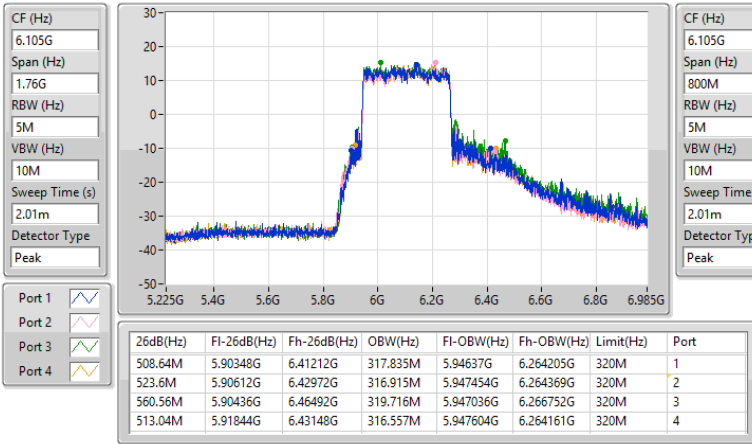
6665MHz

19/01/2026

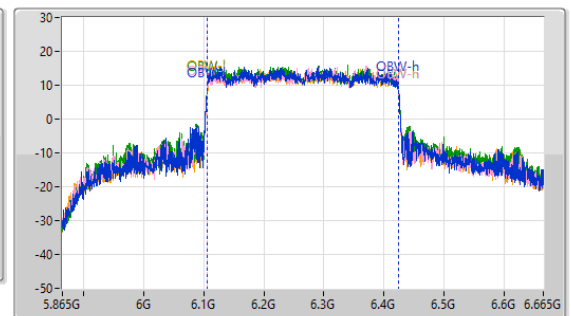
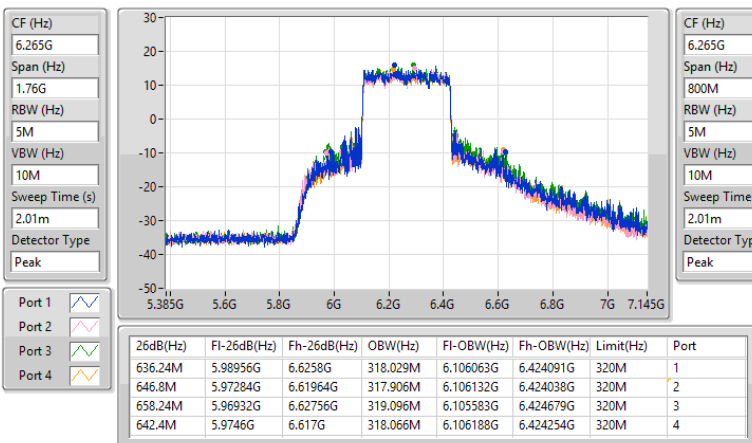


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6105MHz

17/01/2026


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6265MHz

17/01/2026

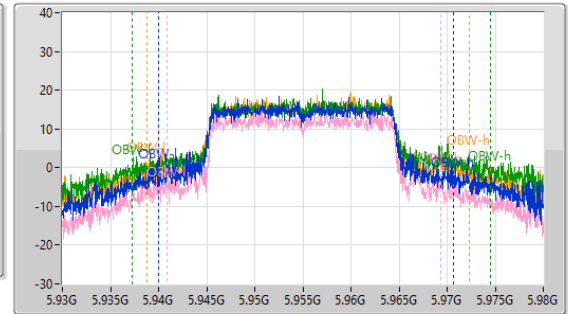
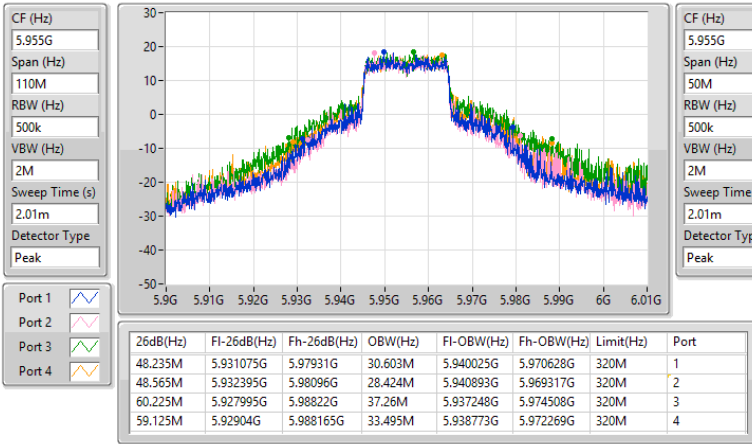


5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5955MHz

17/01/2026

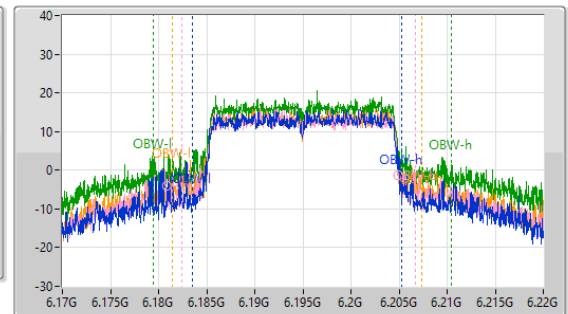
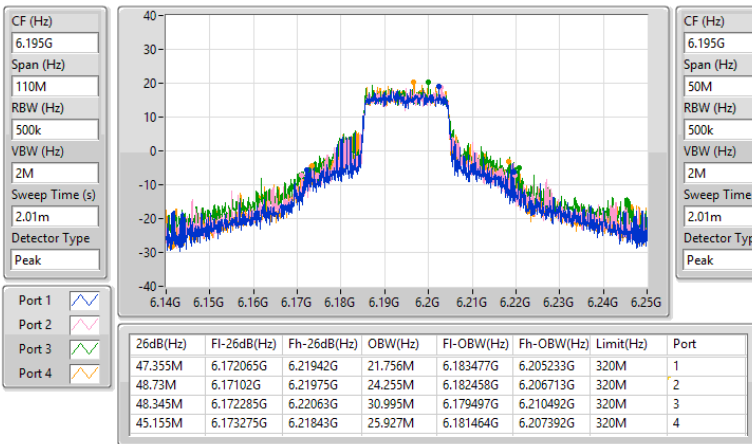


5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6195MHz

17/01/2026

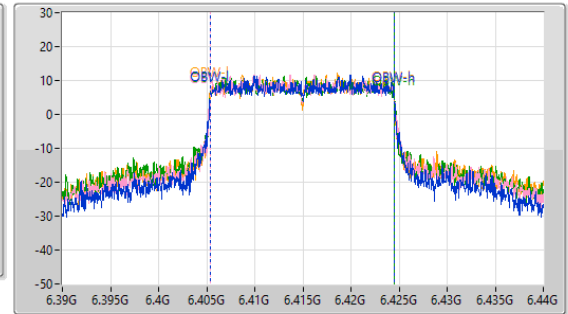
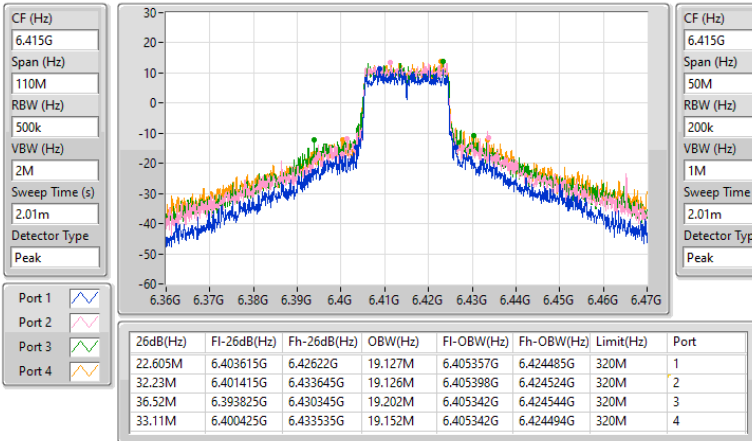


5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6415MHz

20/01/2026

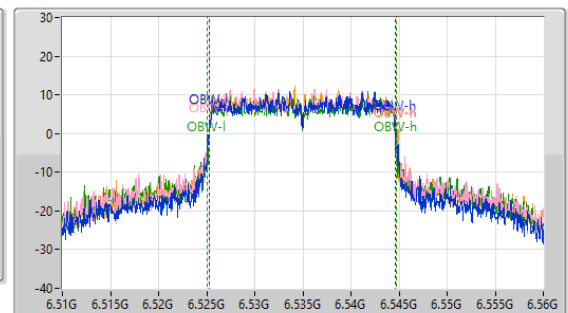
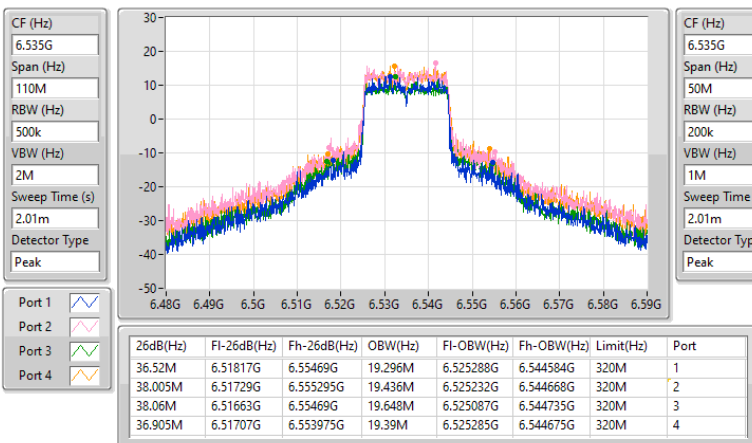


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

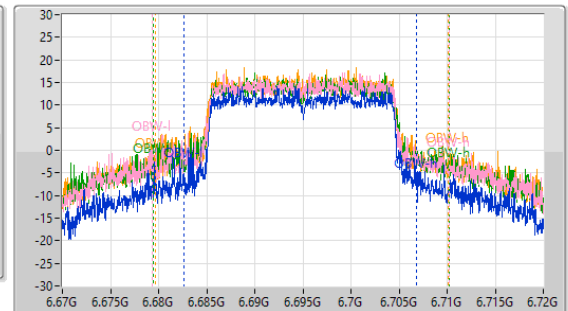
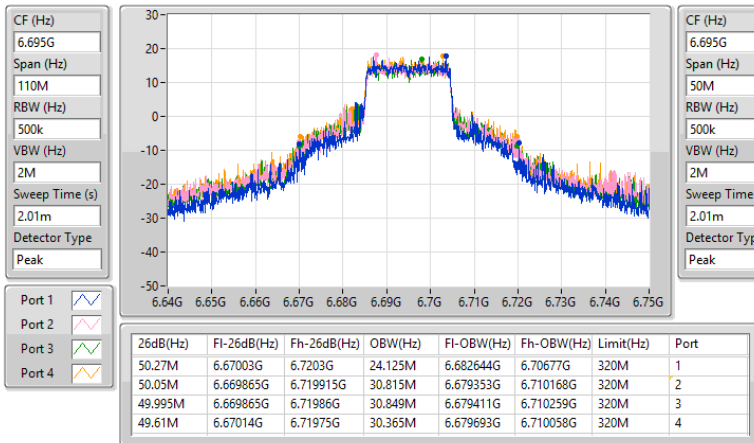
6535MHz

20/01/2026

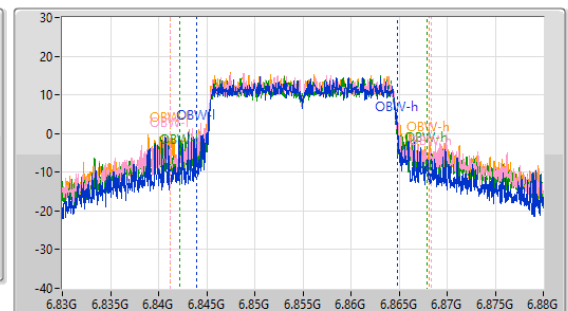
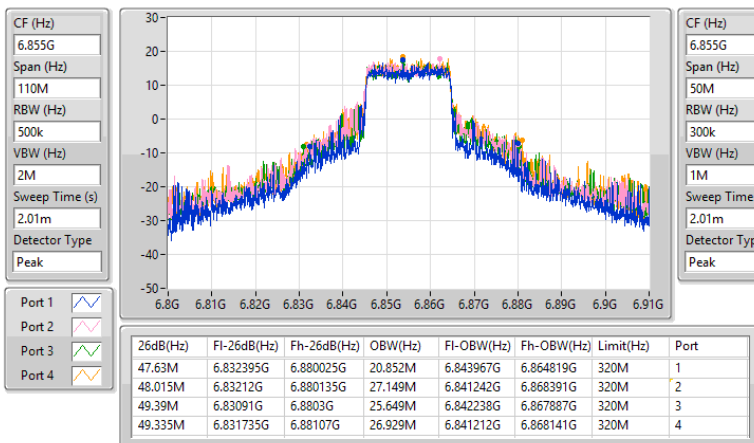


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
6695MHz

17/01/2026


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
6855MHz

17/01/2026

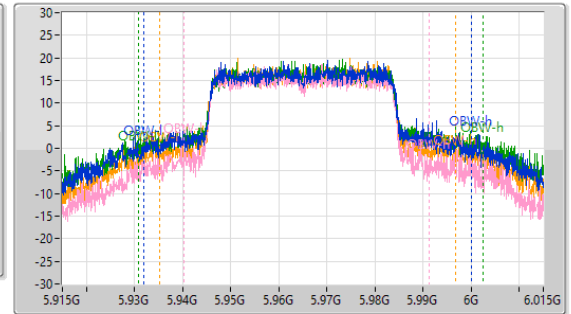
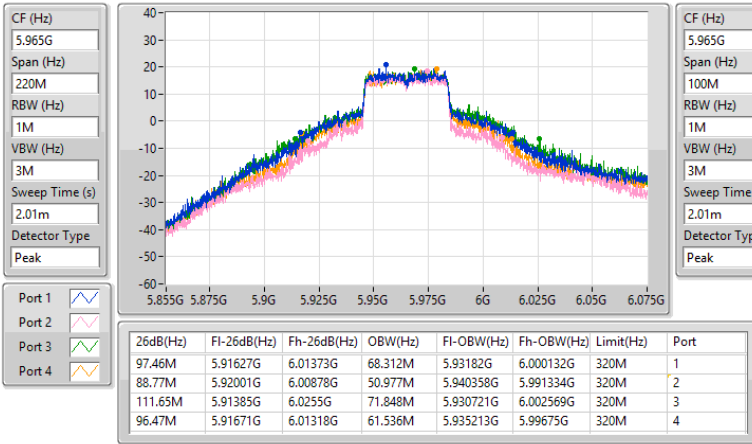


5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5965MHz

17/01/2026

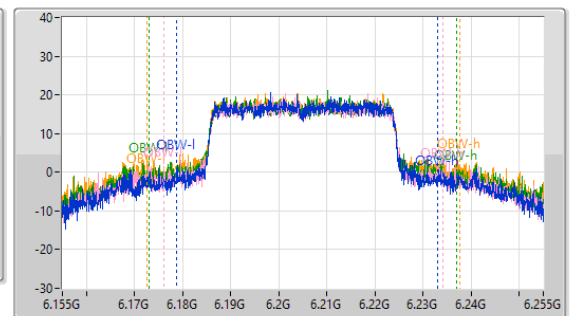
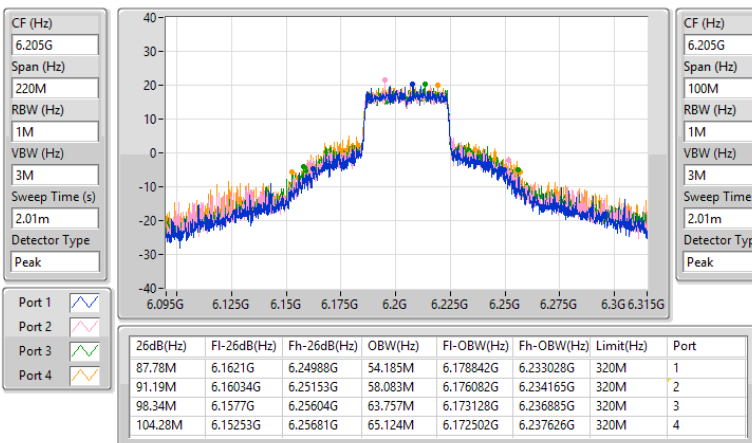


5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

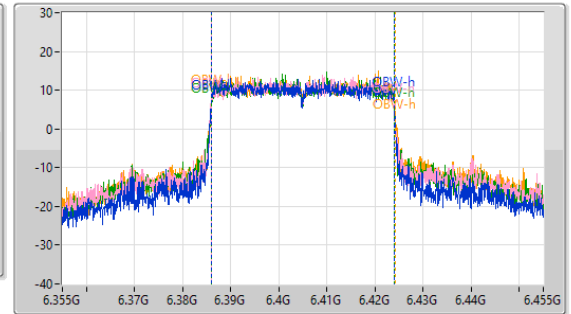
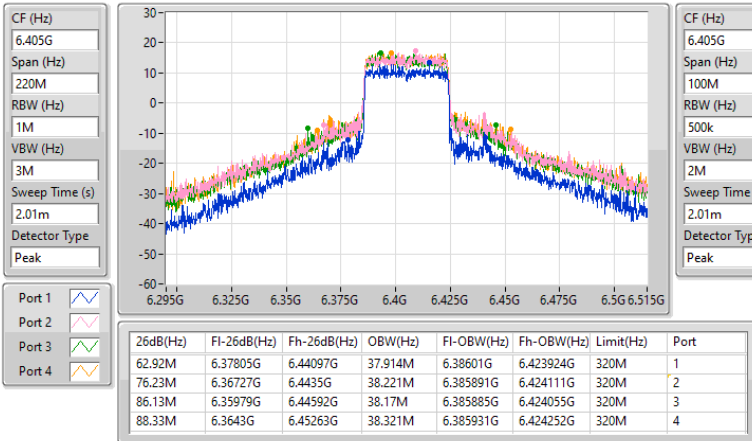
6205MHz

17/01/2026

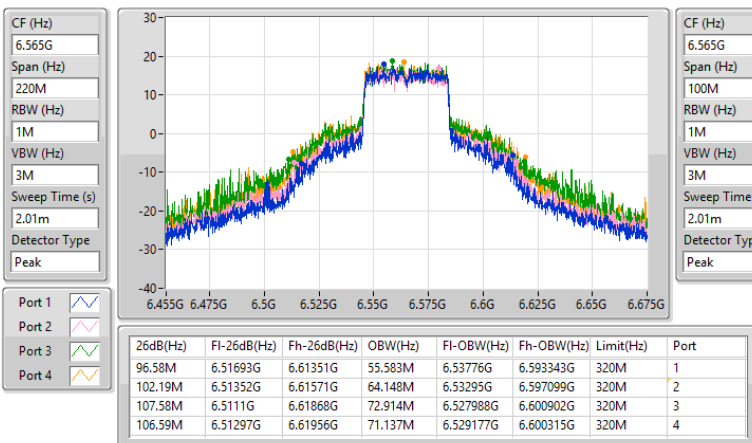


5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6405MHz

20/01/2026

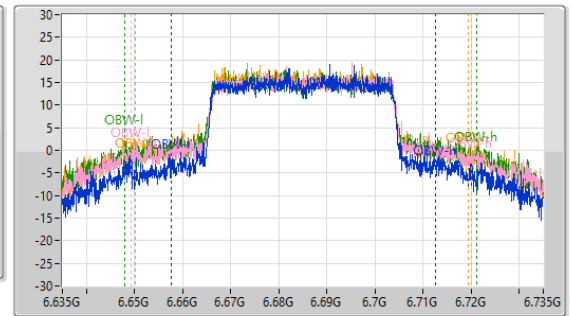
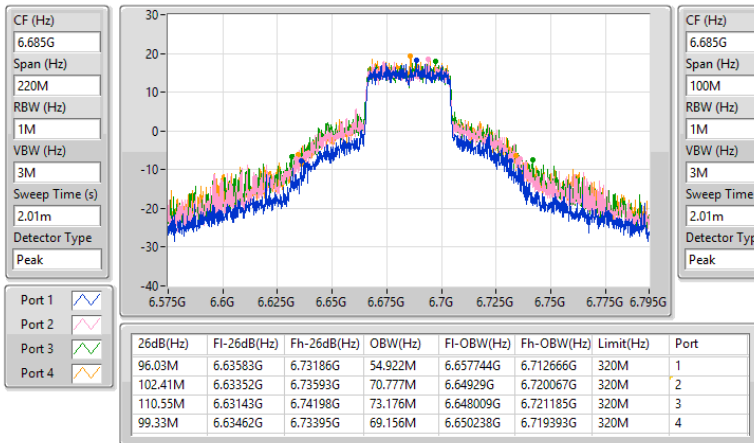

6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6565MHz

17/01/2026

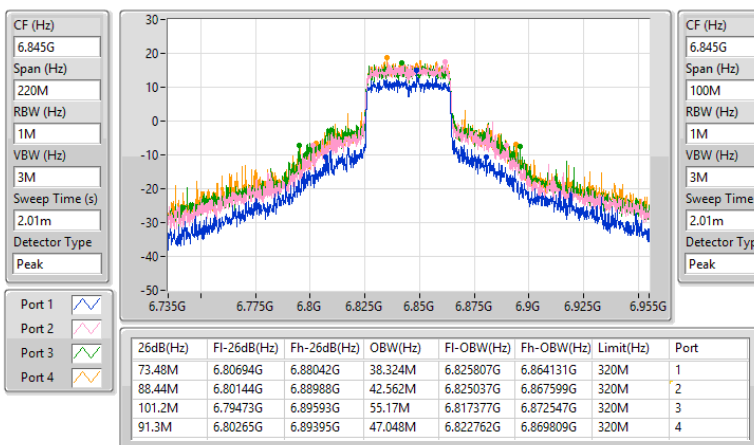


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6685MHz

17/01/2026


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6845MHz

17/01/2026

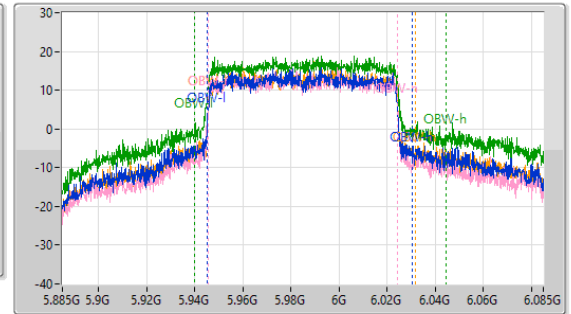
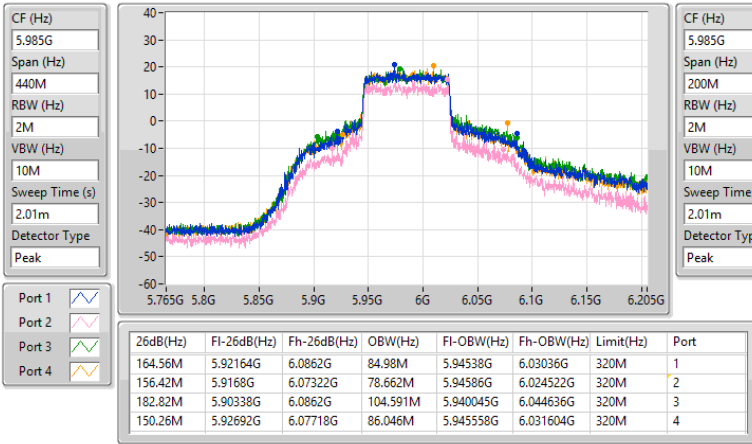


5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5985MHz

17/01/2026

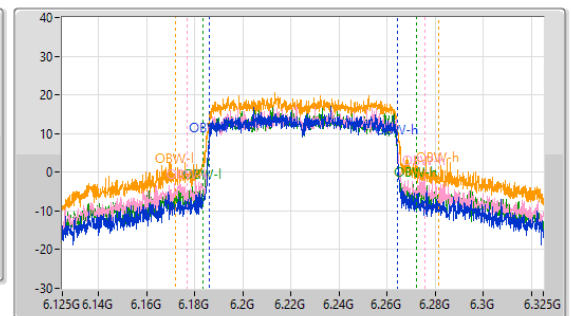


5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6225MHz

17/01/2026

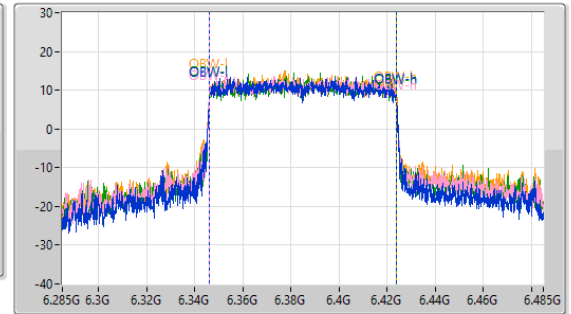
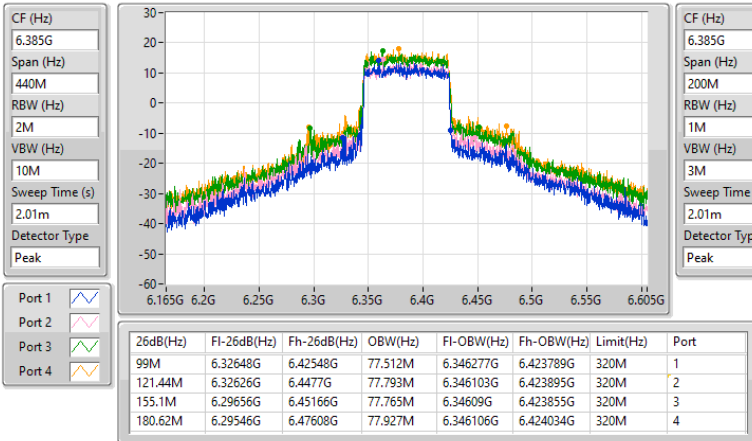


5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6385MHz

20/01/2026

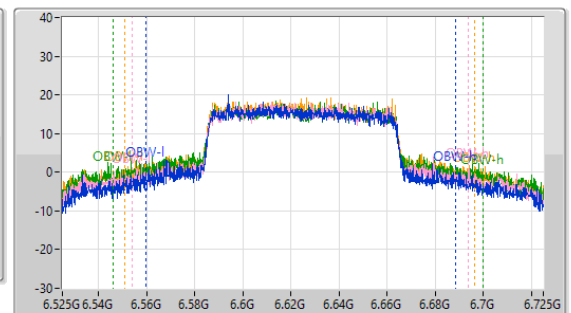
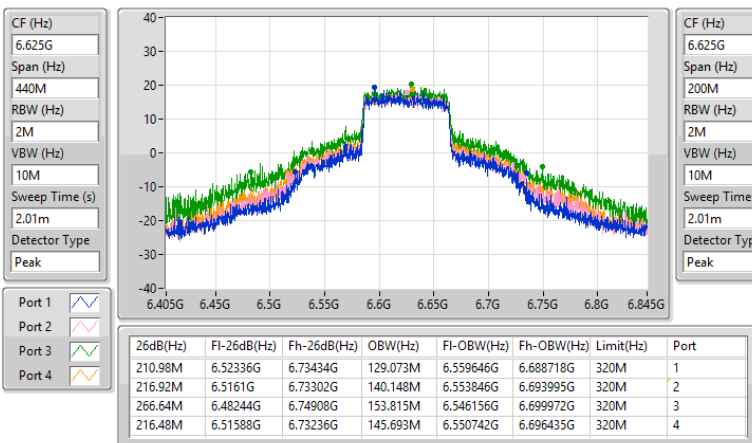


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6625MHz

17/01/2026

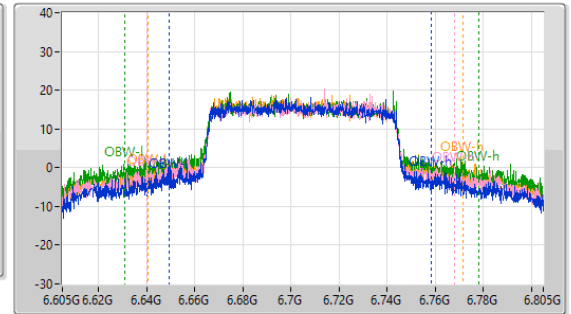
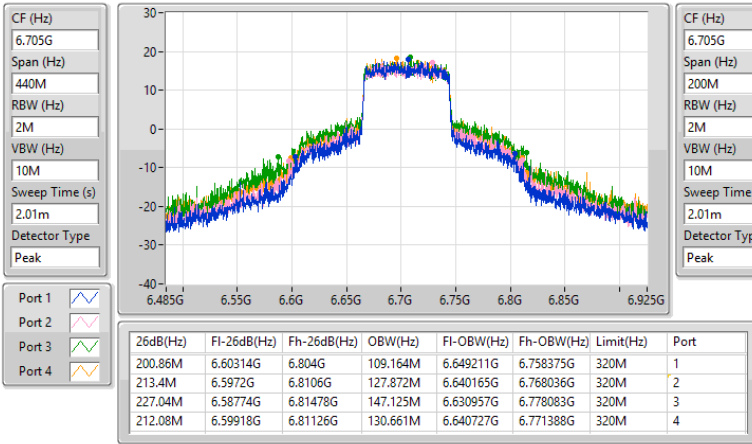


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6705MHz

17/01/2026

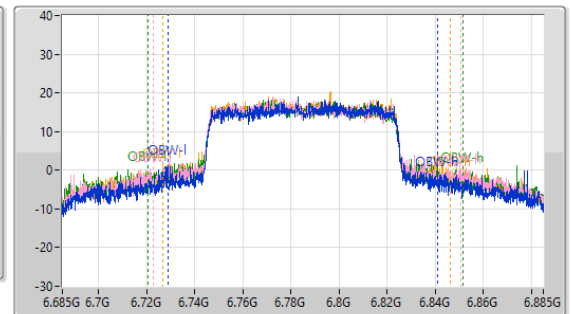
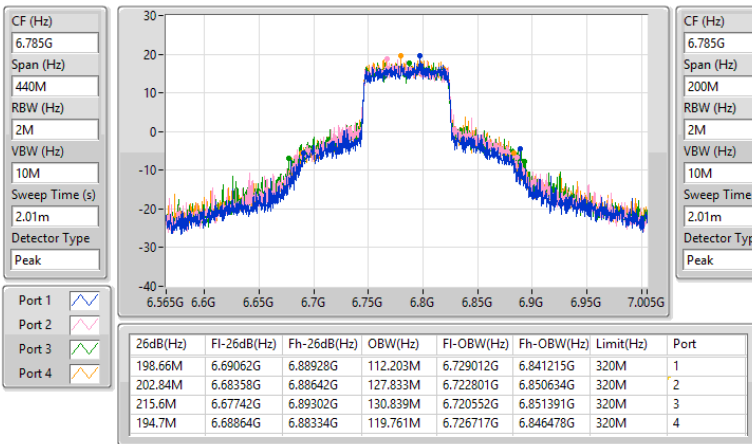


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6785MHz

17/01/2026

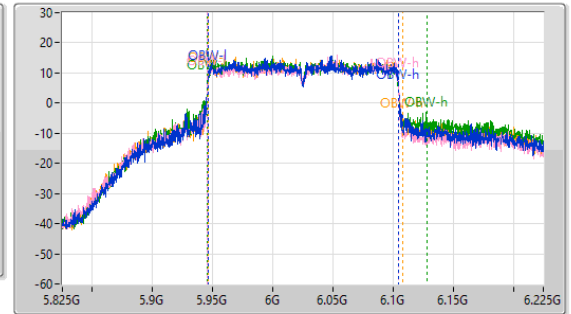
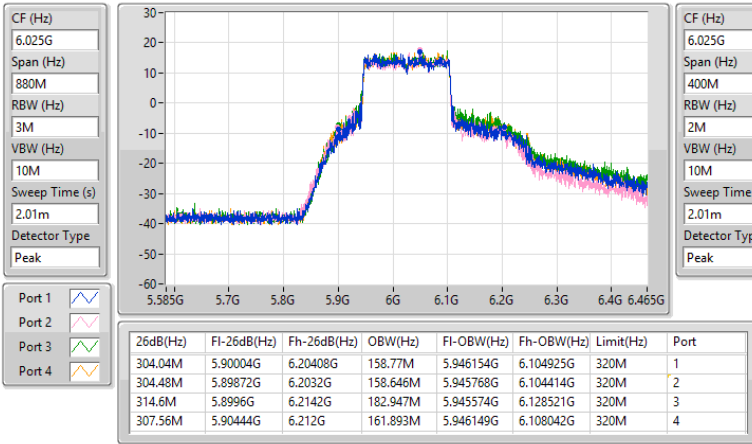


5.925-6.425GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

6025MHz

17/01/2026

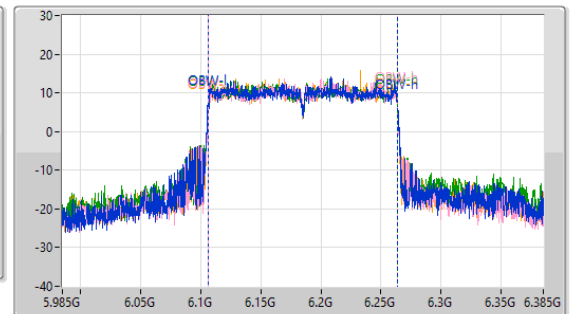
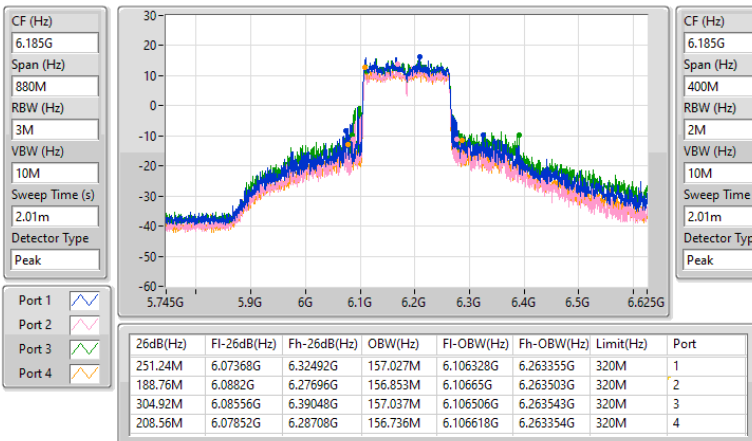


5.925-6.425GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

6185MHz

19/01/2026

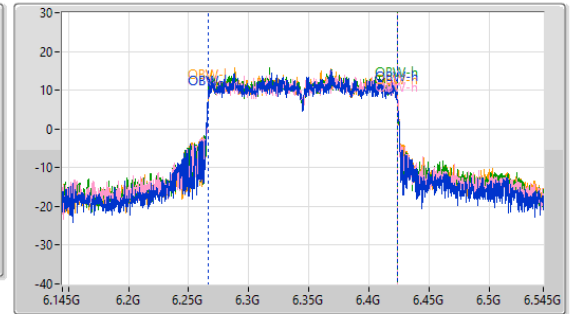
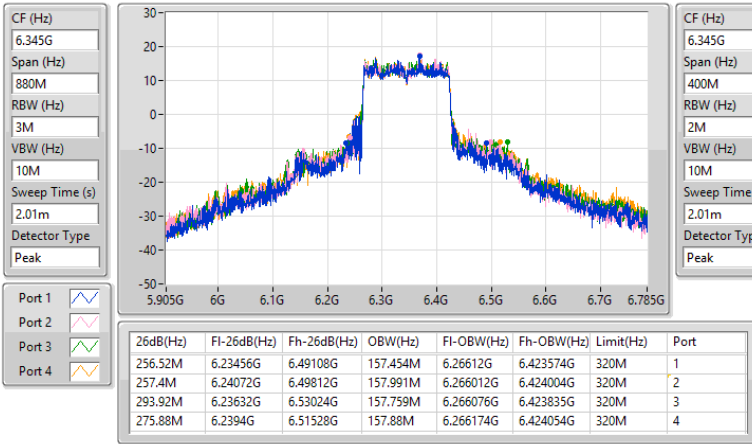


5.925-6.425GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

6345MHz

17/01/2026

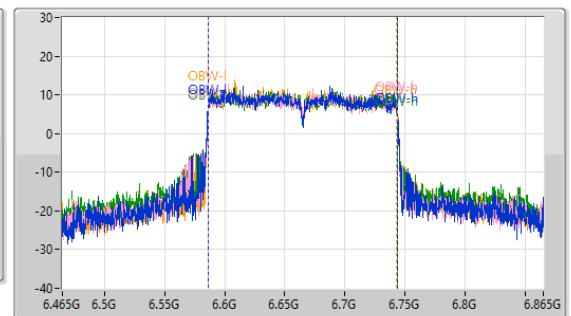
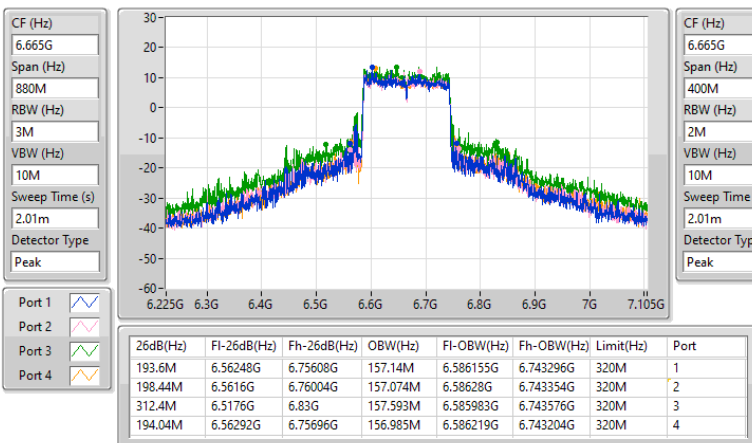


6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

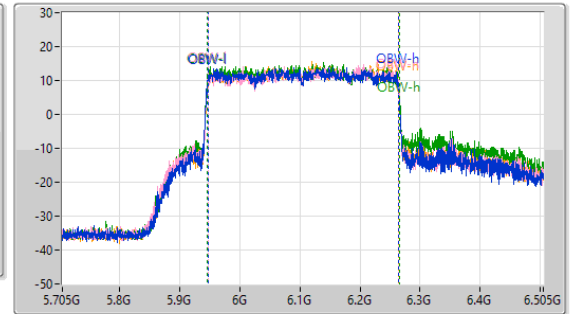
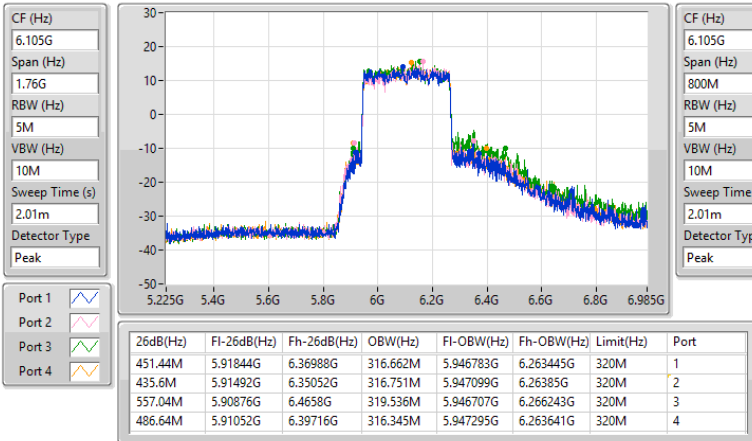
6665MHz

19/01/2026

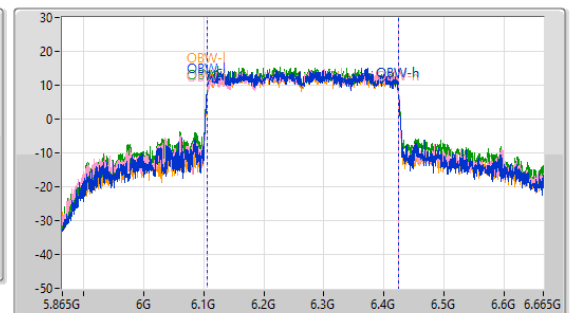
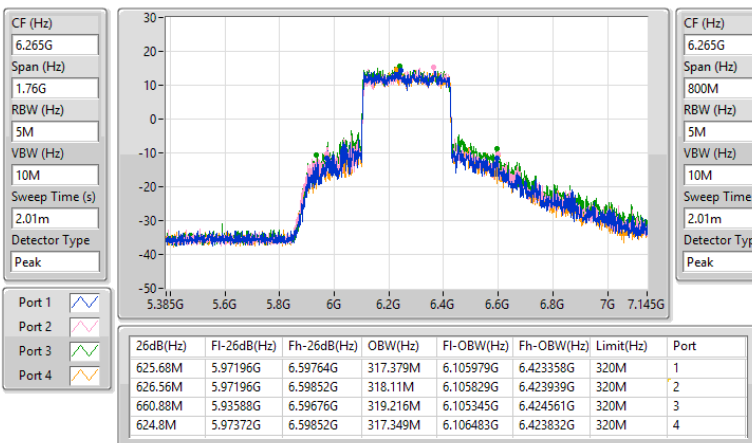


5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX
EBW
6105MHz

17/01/2026


5.925-6.425GHz_802.11be EHT320_Nss4,(MCS0)_4TX
EBW
6265MHz

17/01/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	41.91M	22.364M	22M4D1D	27.775M	19.09M
802.11be EHT20_Nss2,(MCS0)_2TX	22.44M	19.09M	19M1D1D	21.12M	19.04M
802.11be EHT20_Nss1,(MCS0)_4TX	27.225M	19.115M	19M1D1D	21.285M	19.04M
802.11be EHT20_Nss4,(MCS0)_4TX	23.65M	19.19M	19M2D1D	22.055M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	86.13M	42.429M	42M4D1D	75.13M	38.131M
802.11be EHT40_Nss2,(MCS0)_2TX	42.02M	37.831M	37M8D1D	40.48M	37.781M
802.11be EHT40_Nss1,(MCS0)_4TX	49.61M	37.931M	37M9D1D	41.69M	37.781M
802.11be EHT40_Nss4,(MCS0)_4TX	45.87M	37.931M	37M9D1D	40.59M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	172.48M	85.157M	85M2D1D	152.24M	77.861M
802.11be EHT80_Nss2,(MCS0)_2TX	82.5M	77.361M	77M4D1D	81.18M	77.161M
802.11be EHT80_Nss1,(MCS0)_4TX	100.54M	77.461M	77M5D1D	82.28M	77.261M
802.11be EHT80_Nss4,(MCS0)_4TX	99M	77.461M	77M5D1D	83.82M	77.361M
802.11be EHT160_Nss1,(MCS0)_1TX	319.88M	169.184M	169MD1D	319.88M	169.184M
802.11be EHT160_Nss2,(MCS0)_2TX	168.52M	156.322M	156MD1D	162.36M	156.322M
802.11be EHT160_Nss1,(MCS0)_4TX	165.44M	156.122M	156MD1D	163.24M	155.922M
802.11be EHT160_Nss4,(MCS0)_4TX	184.36M	156.322M	156MD1D	172.92M	155.922M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	41.91M	22.364M						
6695MHz	Pass	320M	40.755M	19.24M						
6855MHz	Pass	320M	27.775M	19.09M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	86.13M	42.429M						
6685MHz	Pass	320M	75.13M	38.431M						
6845MHz	Pass	320M	76.89M	38.131M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	172.48M	85.157M						
6705MHz	Pass	320M	152.24M	77.961M						
6785MHz	Pass	320M	157.96M	77.861M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	319.88M	169.184M						
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	22.44M	19.04M	21.12M	19.065M				
6695MHz	Pass	320M	21.45M	19.04M	21.505M	19.04M				
6855MHz	Pass	320M	21.725M	19.09M	21.34M	19.065M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	41.47M	37.831M	41.14M	37.781M				
6685MHz	Pass	320M	40.48M	37.781M	40.48M	37.831M				
6845MHz	Pass	320M	41.8M	37.781M	42.02M	37.831M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	81.18M	77.361M	81.62M	77.361M				
6705MHz	Pass	320M	82.5M	77.161M	81.62M	77.161M				
6785MHz	Pass	320M	82.06M	77.361M	82.06M	77.261M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	168.52M	156.322M	162.36M	156.322M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	24.42M	19.115M	24.255M	19.04M	21.725M	19.04M	22.33M	19.04M
6695MHz	Pass	320M	22.055M	19.065M	21.285M	19.09M	23.32M	19.04M	21.56M	19.065M
6855MHz	Pass	320M	27.225M	19.09M	24.75M	19.09M	23.98M	19.065M	22.77M	19.065M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	42.79M	37.831M	47.3M	37.781M	42.68M	37.881M	41.69M	37.881M
6685MHz	Pass	320M	46.53M	37.831M	42.79M	37.931M	47.08M	37.881M	43.45M	37.931M
6845MHz	Pass	320M	42.02M	37.881M	49.61M	37.831M	43.01M	37.881M	41.91M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	87.12M	77.361M	82.5M	77.361M	82.94M	77.361M	85.58M	77.261M
6705MHz	Pass	320M	82.28M	77.261M	82.28M	77.261M	82.72M	77.461M	82.5M	77.261M
6785MHz	Pass	320M	87.56M	77.461M	82.5M	77.261M	82.94M	77.461M	100.54M	77.361M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	165.44M	156.122M	164.12M	156.122M	163.24M	155.922M	165.44M	156.122M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	22.11M	19.09M	22.275M	19.065M	23.65M	19.115M	23.21M	19.14M
6695MHz	Pass	320M	22.495M	19.09M	23.21M	19.115M	22.44M	19.115M	22.44M	19.065M
6855MHz	Pass	320M	22.055M	19.09M	22.33M	19.115M	23.32M	19.165M	22.66M	19.19M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	41.25M	37.881M	42.02M	37.831M	41.91M	37.831M	42.24M	37.881M
6685MHz	Pass	320M	40.7M	37.881M	45.65M	37.881M	42.24M	37.881M	42.13M	37.881M
6845MHz	Pass	320M	41.58M	37.831M	45.87M	37.831M	45.43M	37.931M	40.59M	37.881M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	85.8M	77.361M	84.7M	77.361M	86.68M	77.361M	86.46M	77.461M
6705MHz	Pass	320M	84.04M	77.361M	84.48M	77.361M	84.7M	77.361M	83.82M	77.361M
6785MHz	Pass	320M	87.56M	77.361M	85.8M	77.461M	84.48M	77.361M	99M	77.461M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-



EBW_Mode 3

Appendix B.3

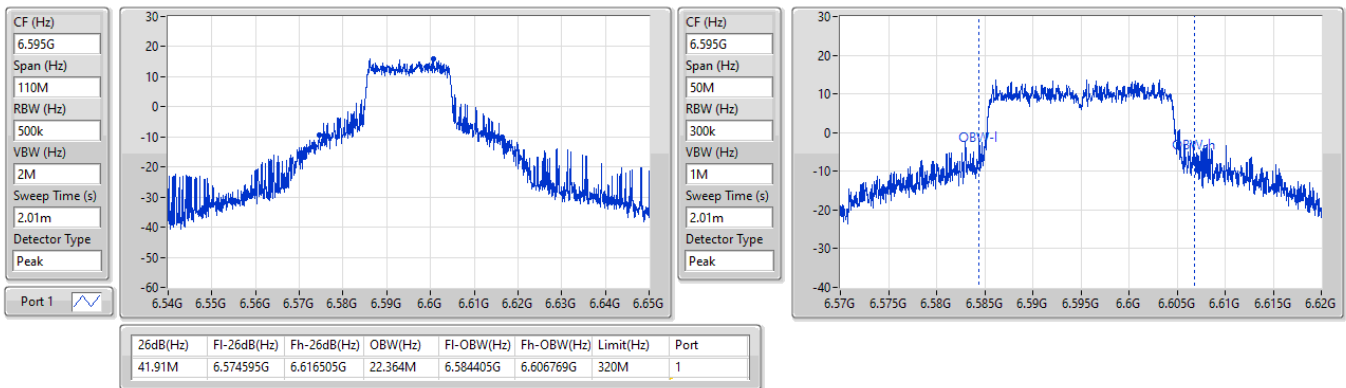
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6665MHz	Pass	320M	177.76M	156.322M	184.36M	156.122M	174.24M	156.322M	172.92M	155.922M

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

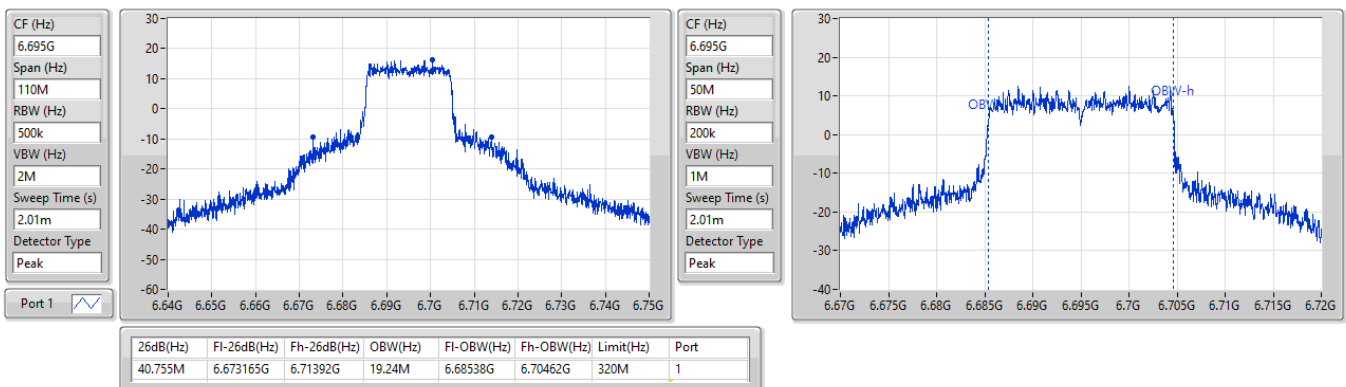
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6595MHz

23/01/2026

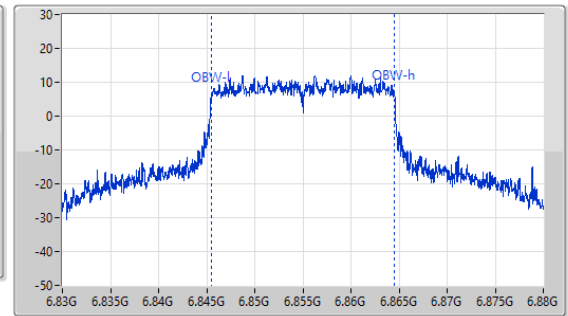
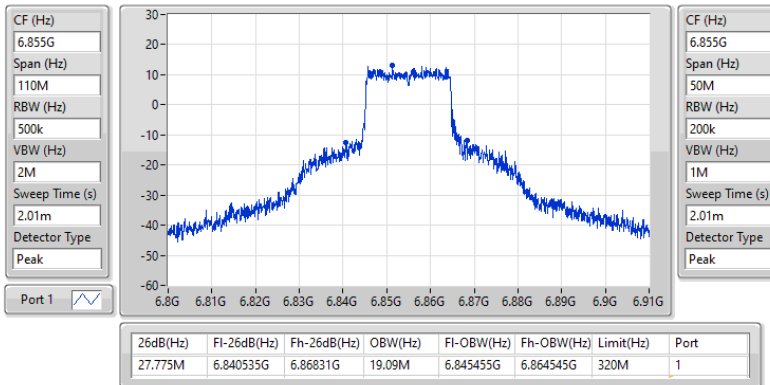

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

23/01/2026

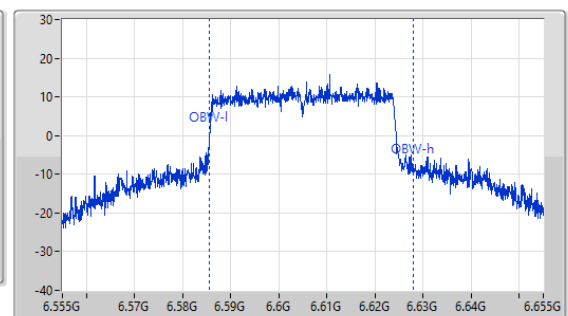
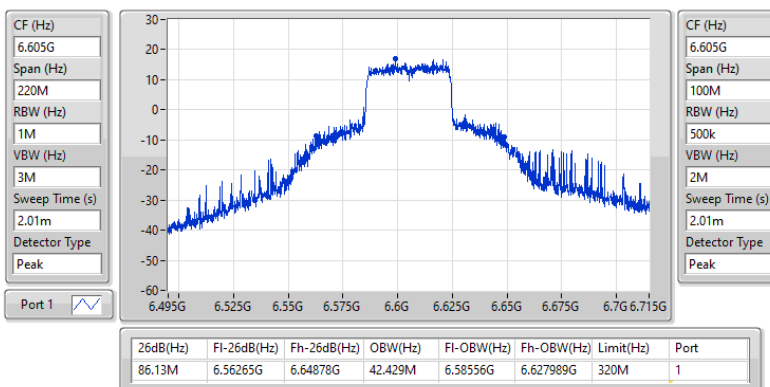


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

23/01/2026

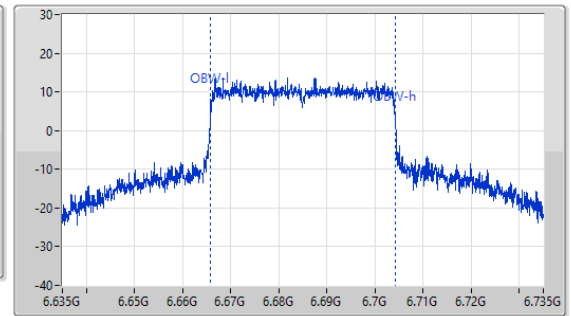
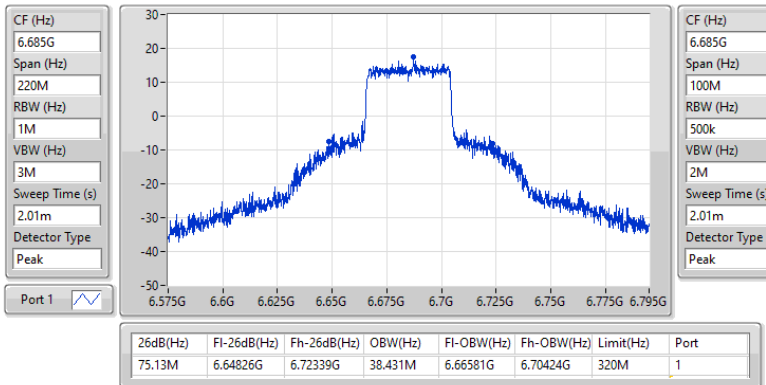

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6605MHz

23/01/2026

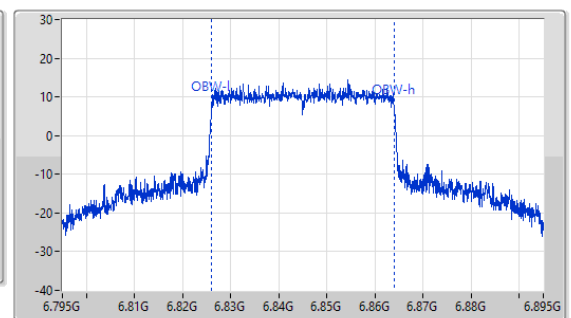
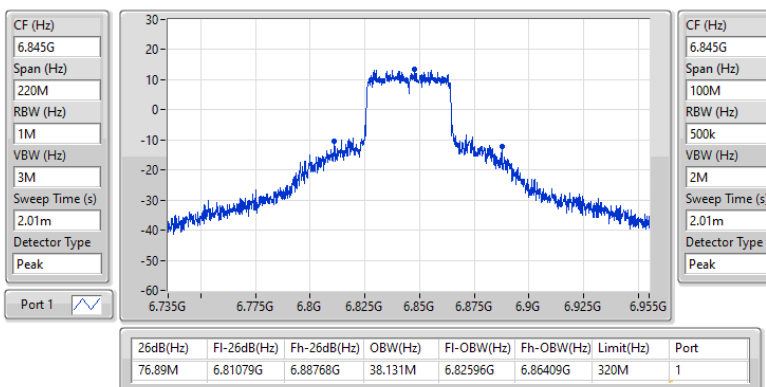


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

23/01/2026

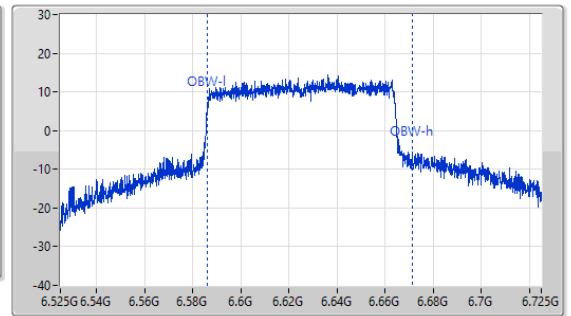
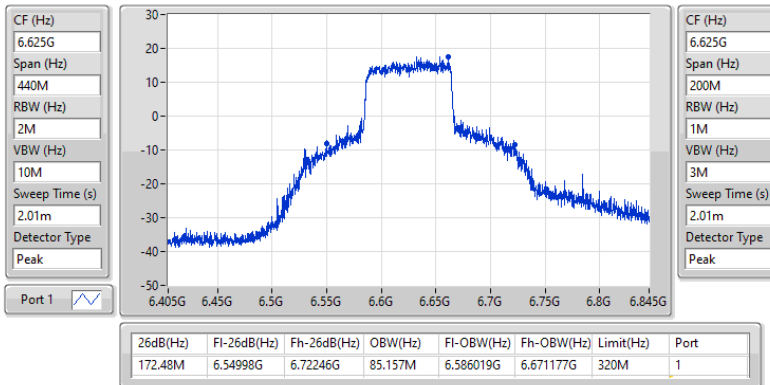

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

23/01/2026

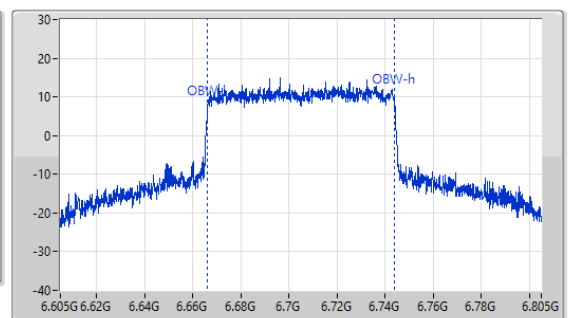
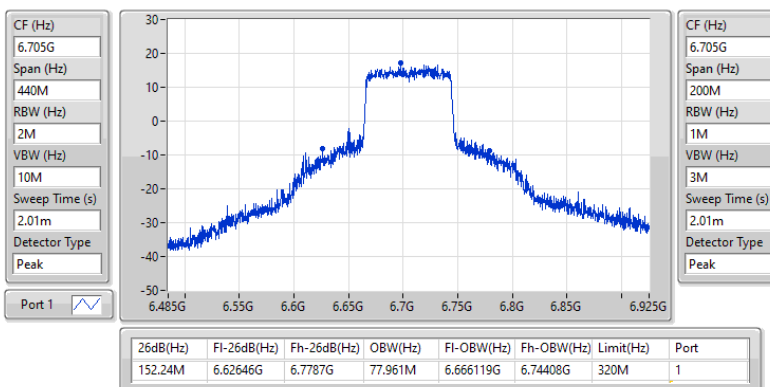


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

23/01/2026

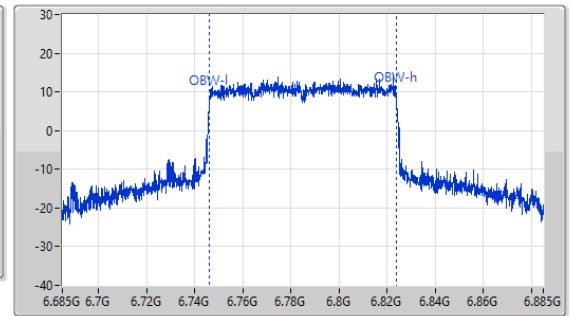
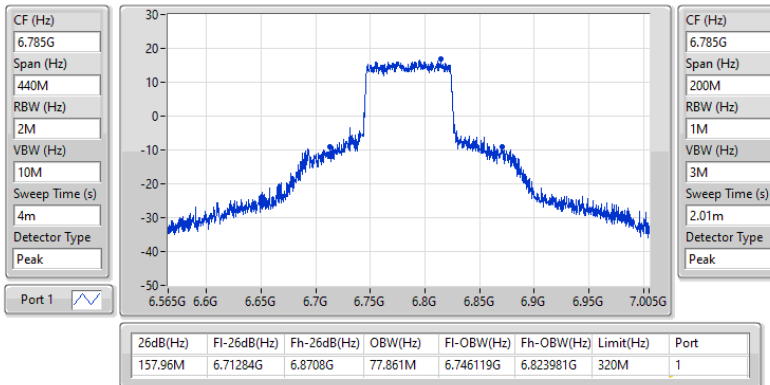

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

23/01/2026

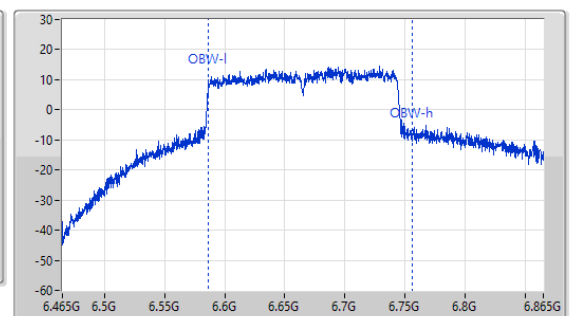
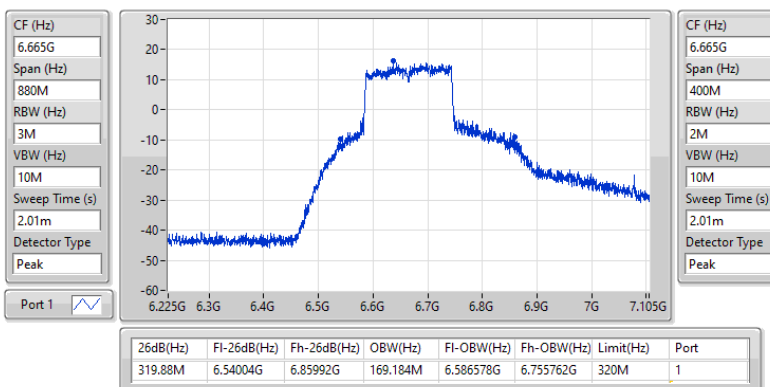


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

23/01/2026


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

16/01/2026

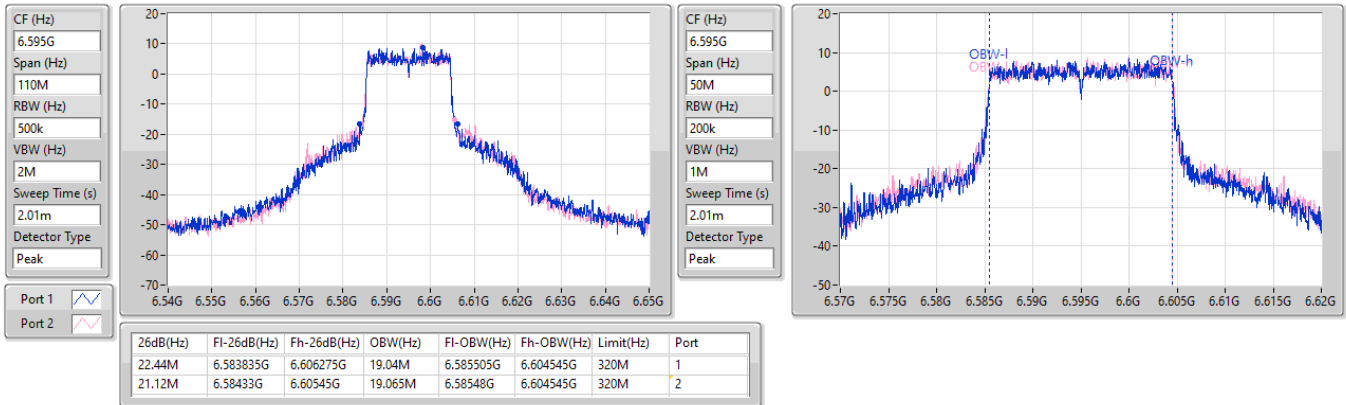


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6595MHz

23/01/2026

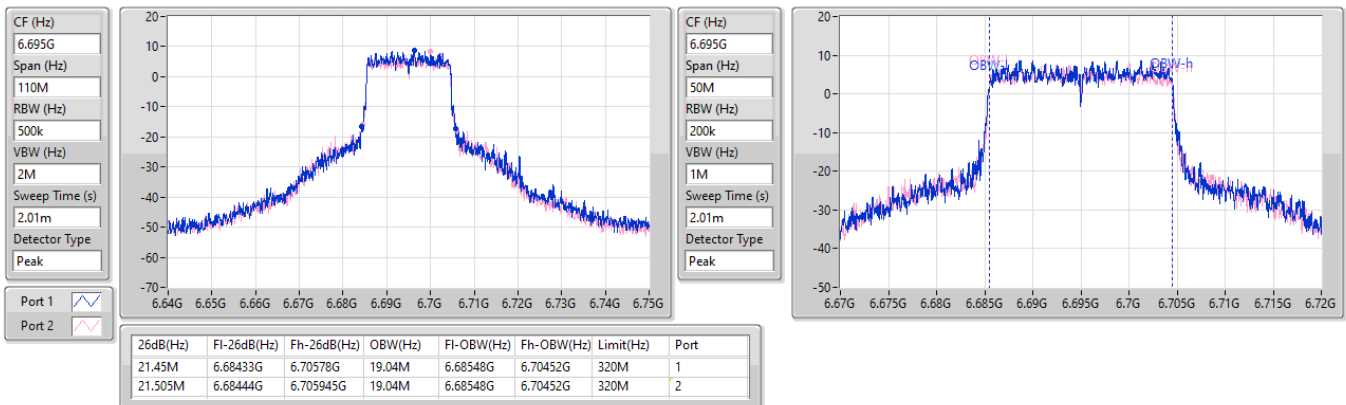


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6695MHz

23/01/2026

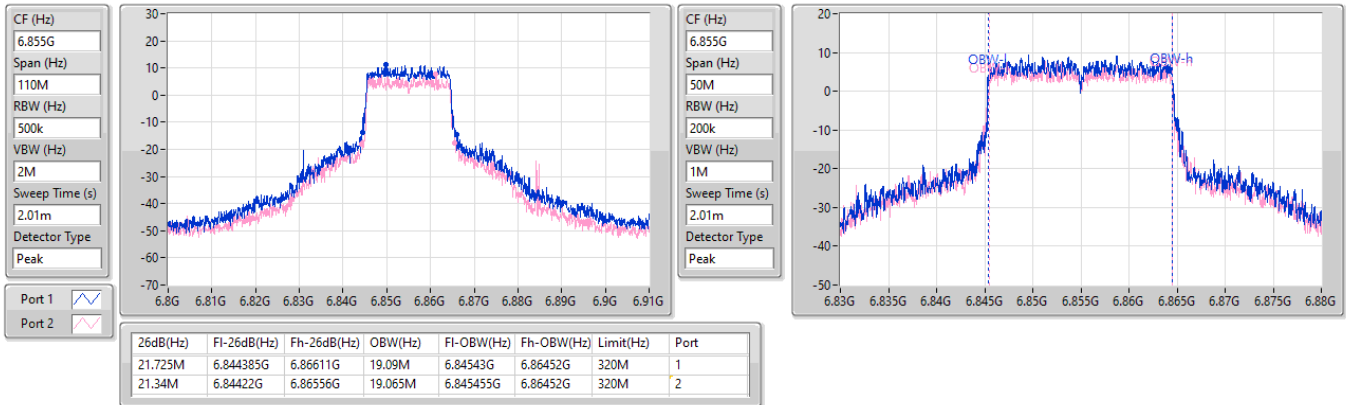


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6855MHz

23/01/2026

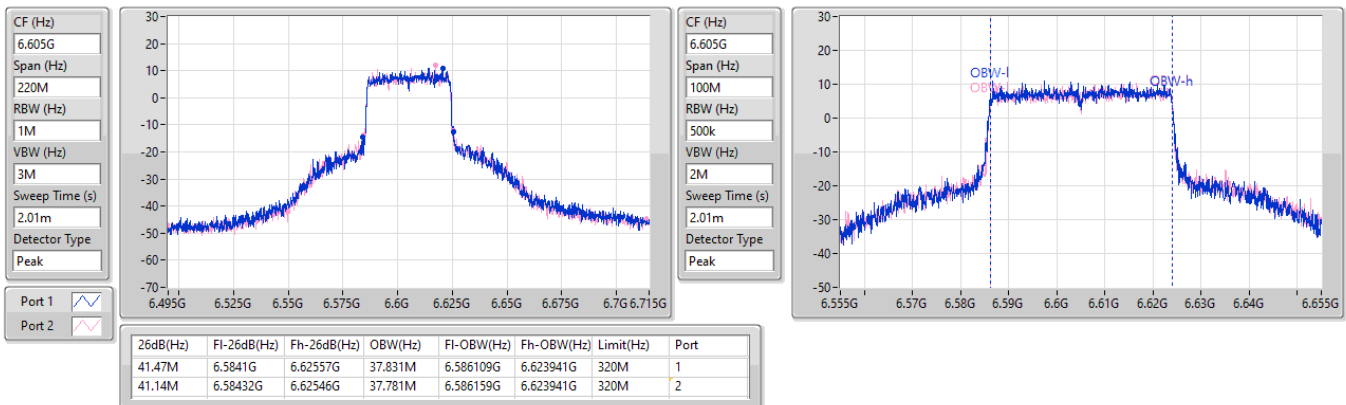


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6605MHz

23/01/2026

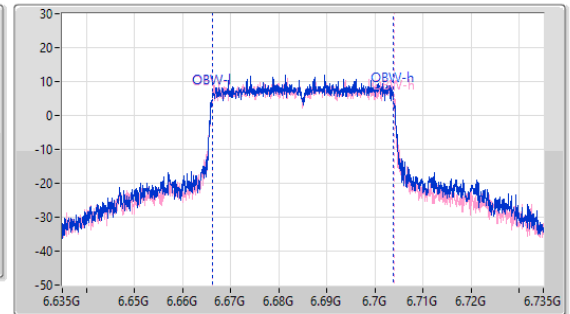
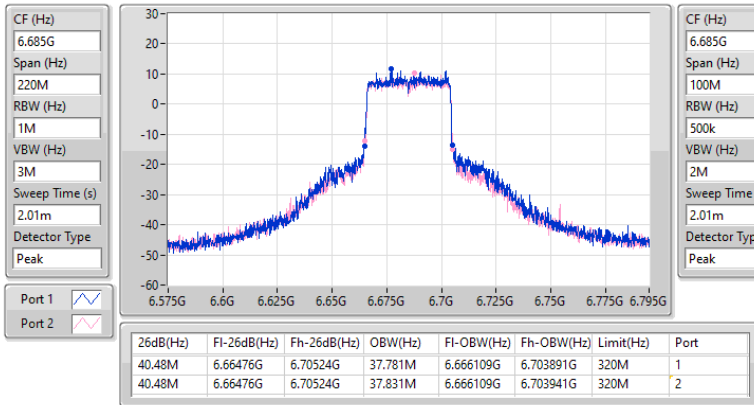


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6685MHz

23/01/2026

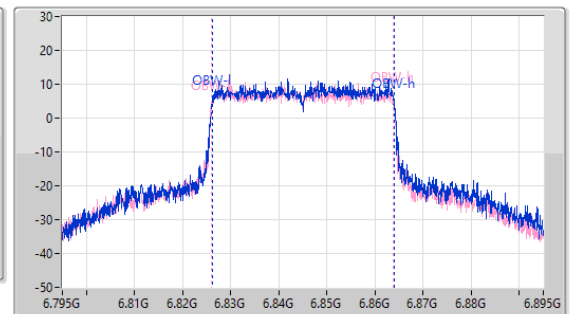
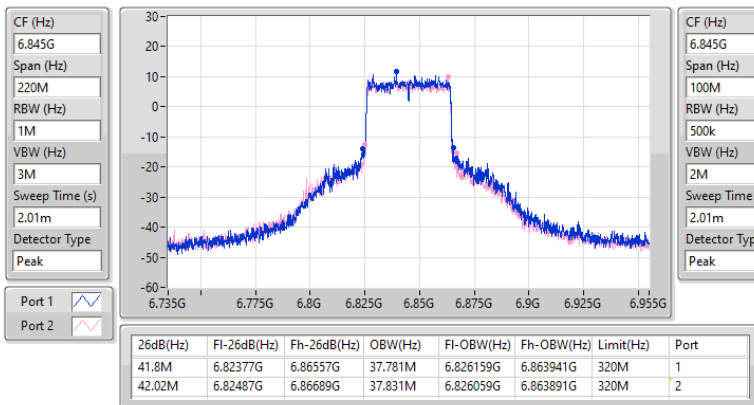


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

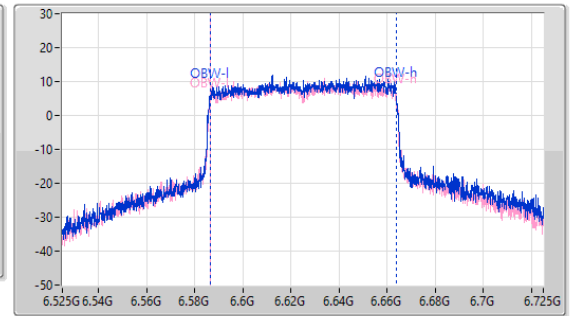
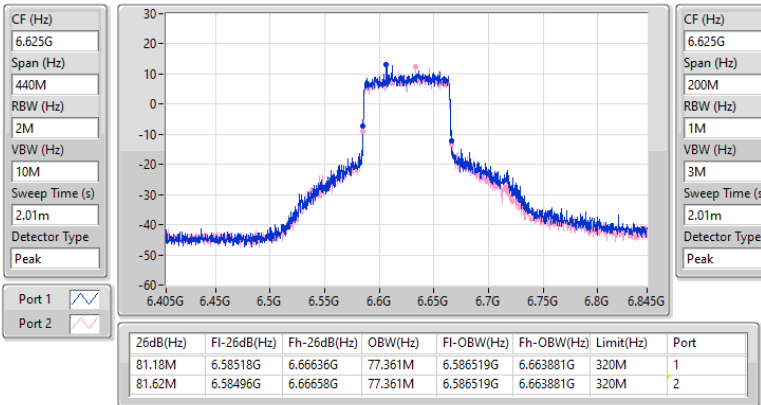
6845MHz

23/01/2026

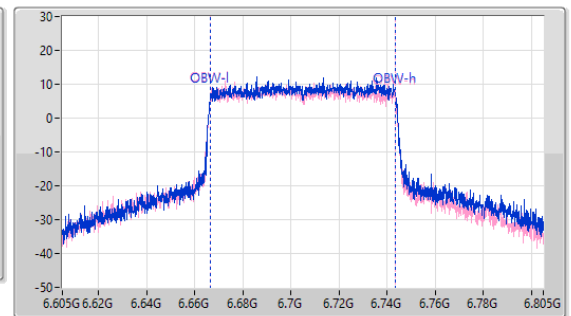
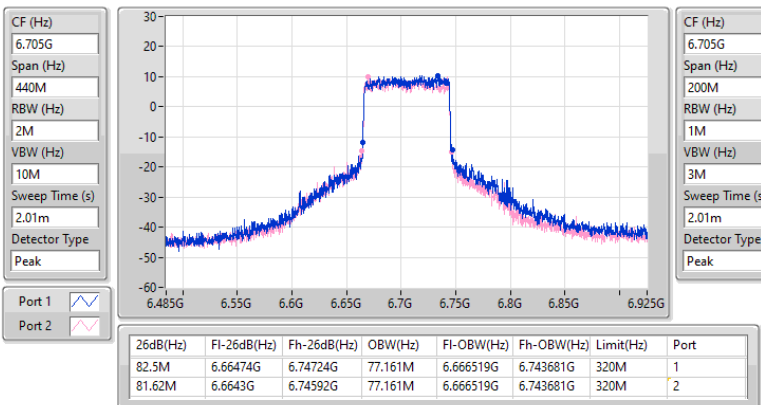


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6625MHz

23/01/2026

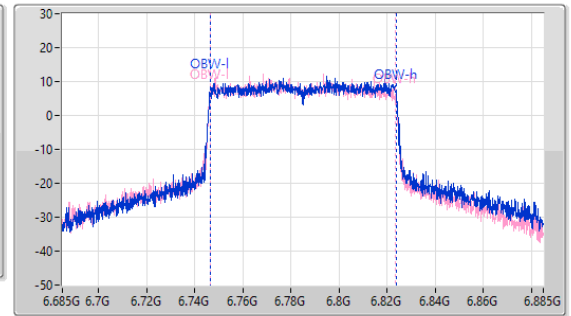
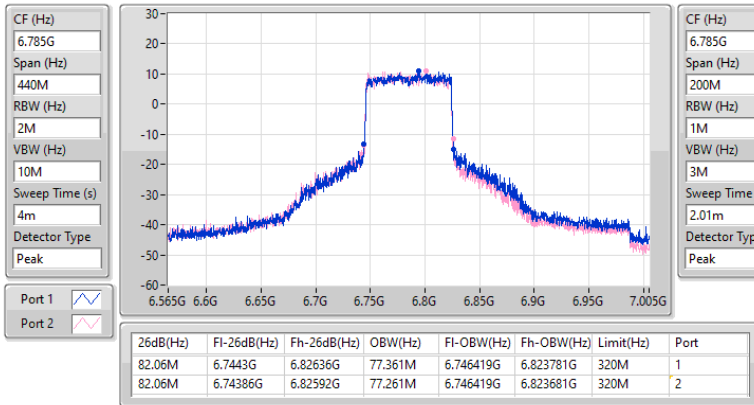

6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6705MHz

23/01/2026

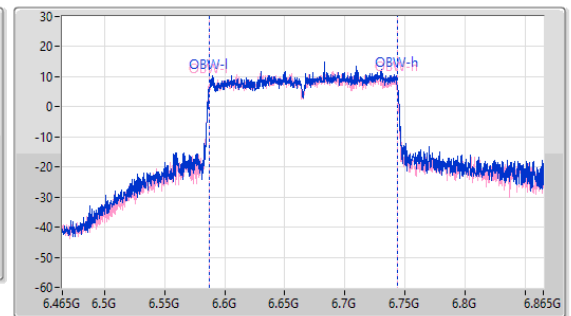
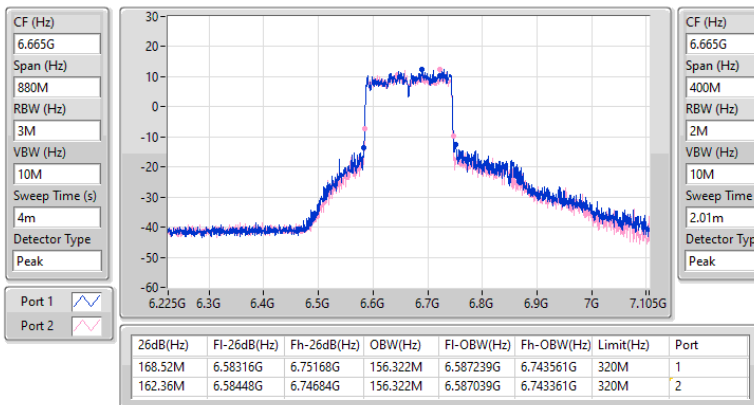


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6785MHz

23/01/2026


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6665MHz

23/01/2026

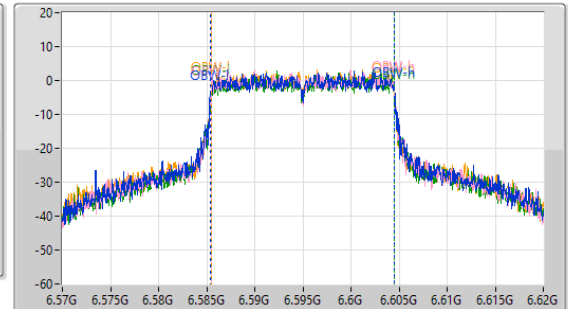
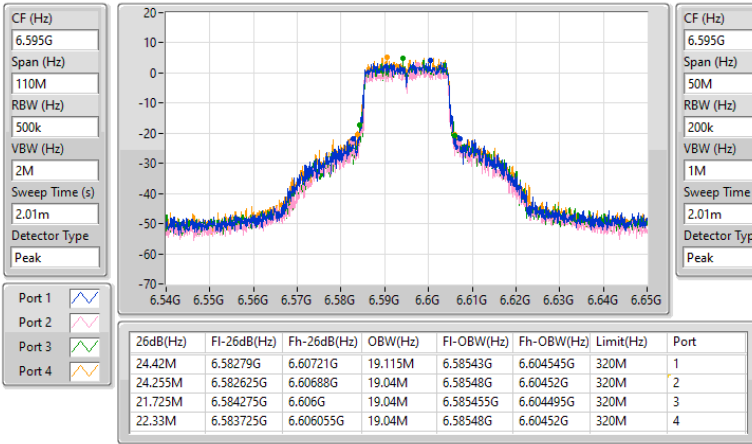


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6595MHz

23/01/2026

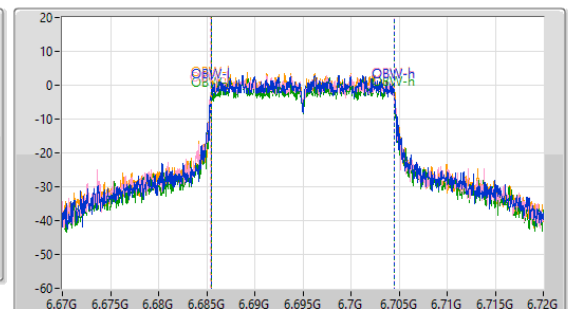
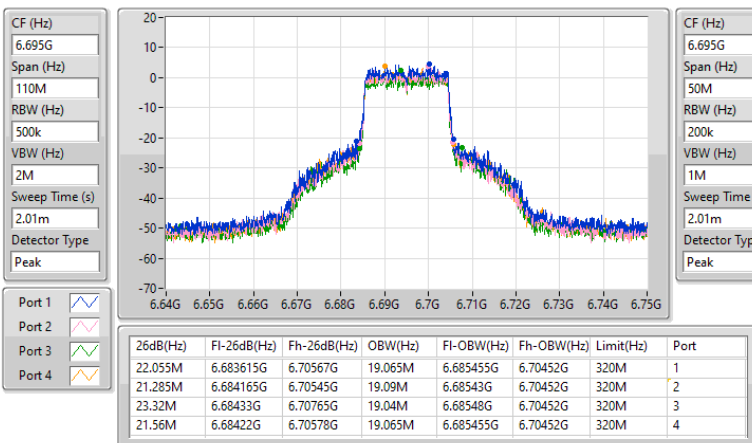


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

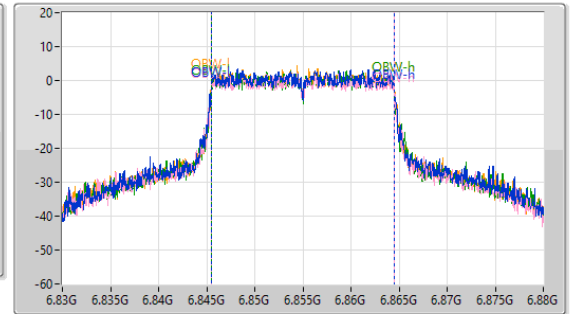
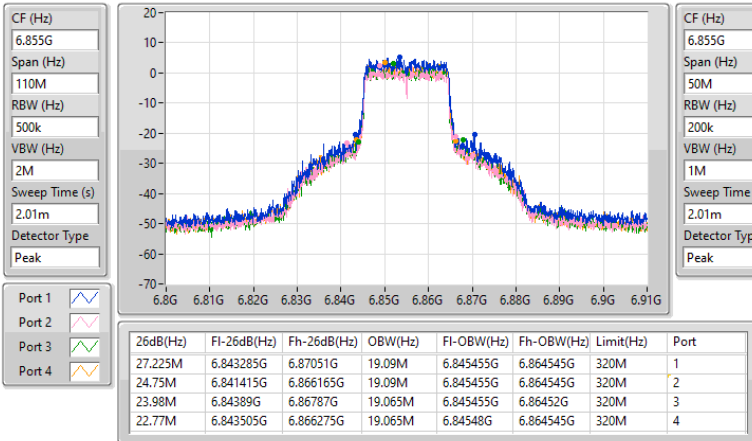
6695MHz

23/01/2026

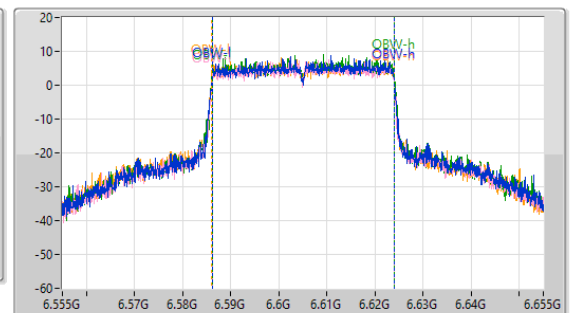
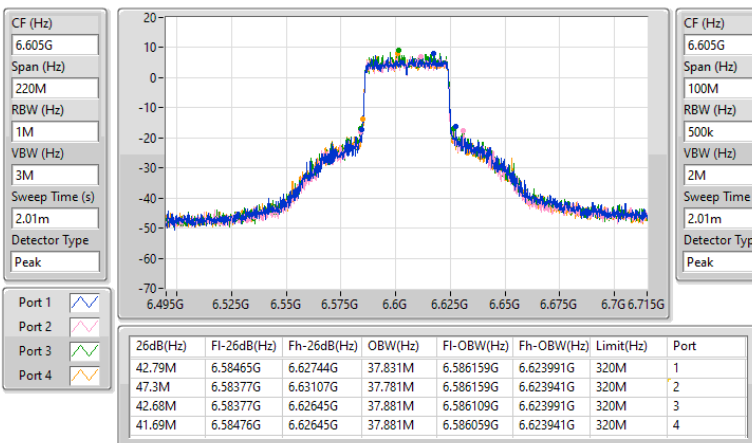


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6855MHz

23/01/2026

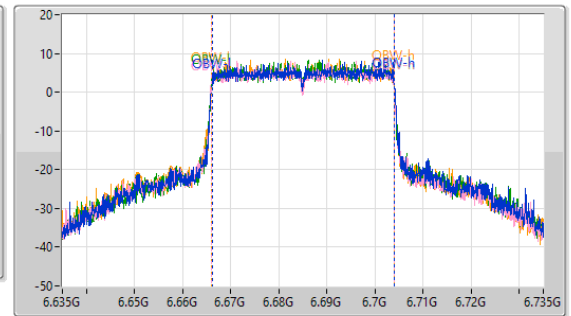
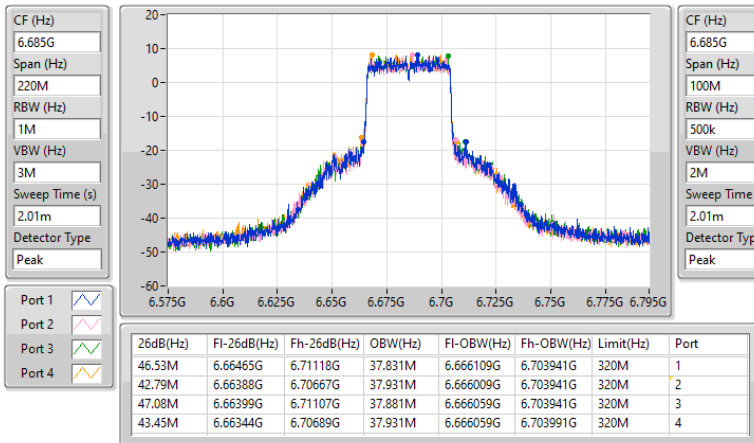

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6605MHz

23/01/2026

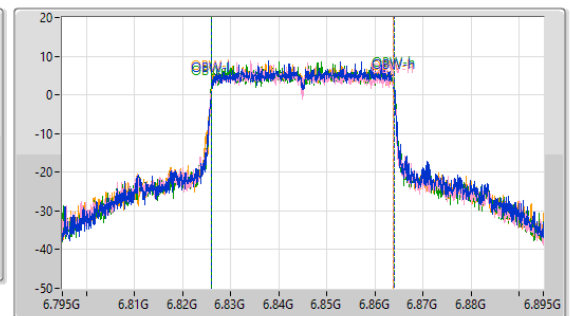
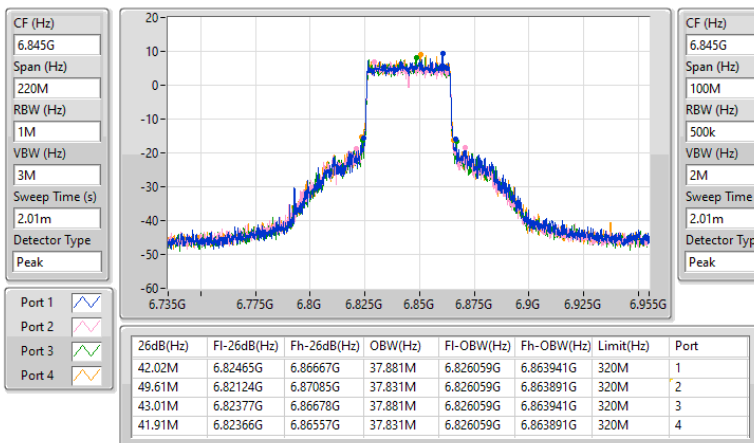


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

23/01/2026


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

23/01/2026

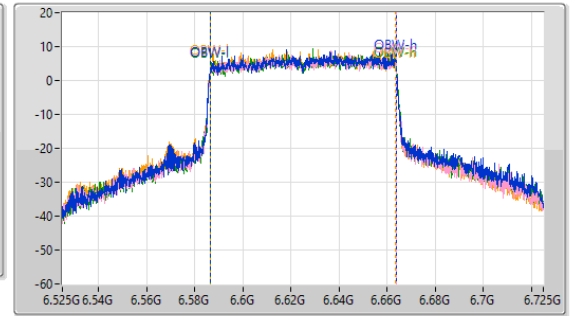
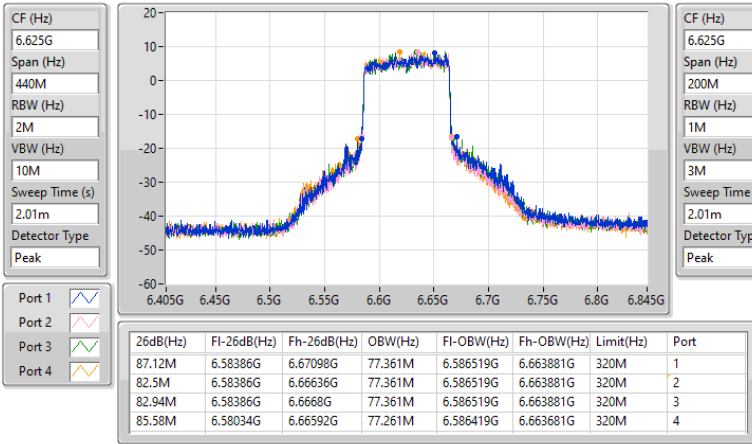


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

23/01/2026

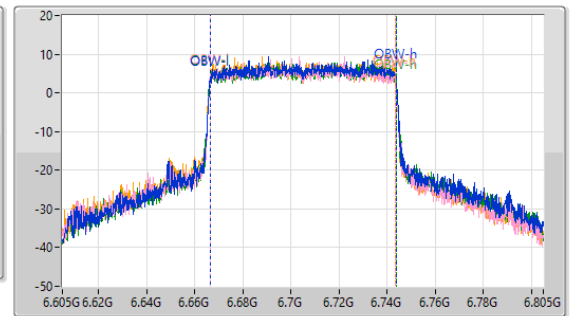
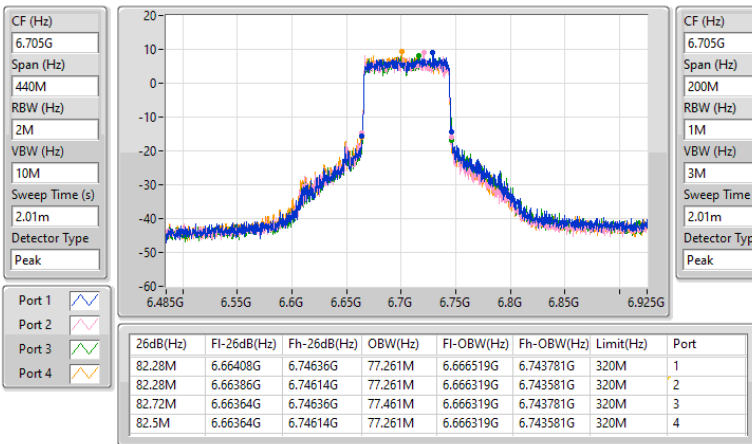


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

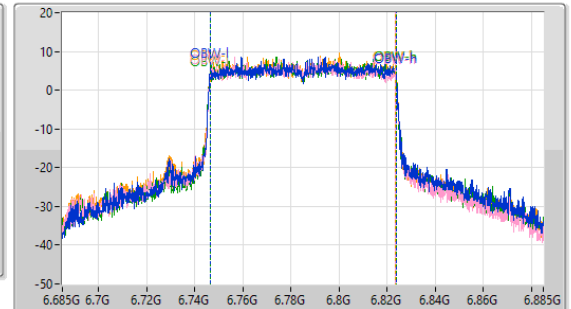
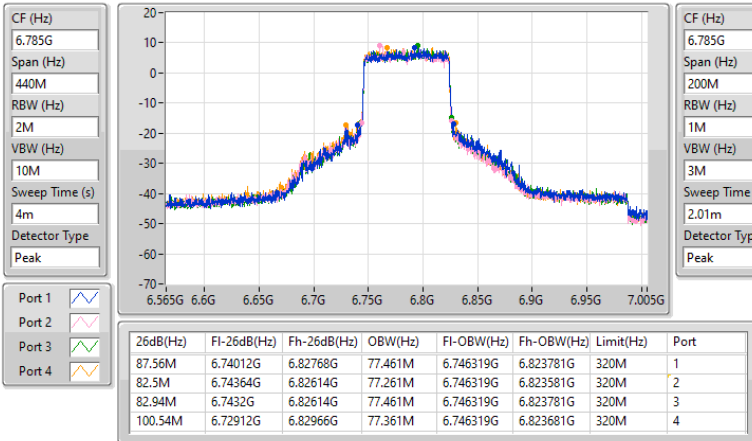
6705MHz

23/01/2026

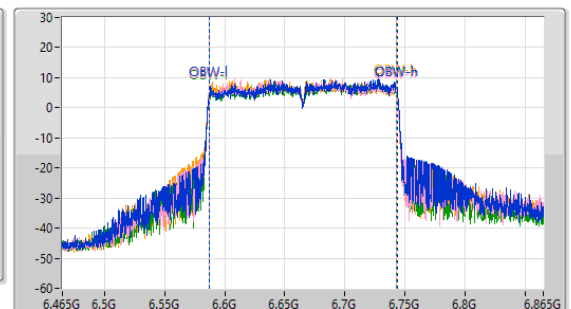
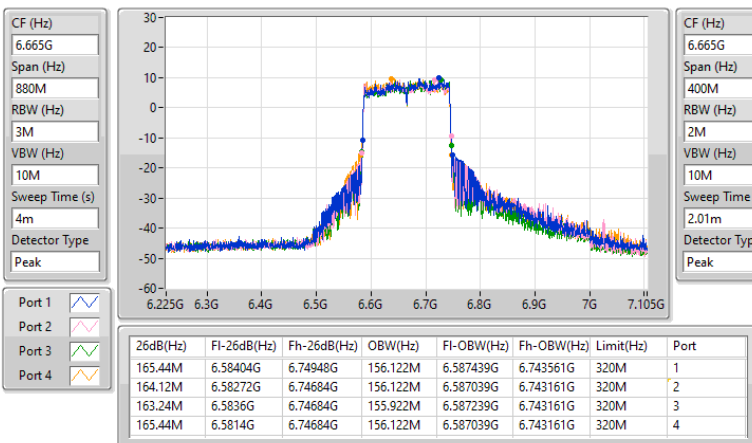


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6785MHz

23/01/2026


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6665MHz

23/01/2026

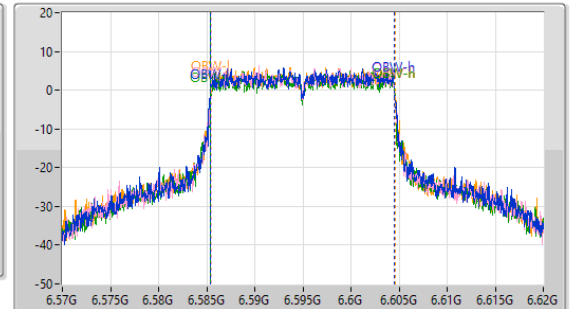
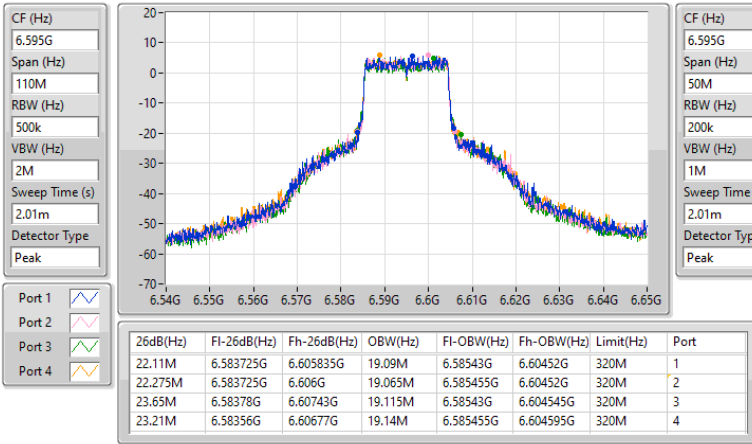


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6595MHz

24/01/2026

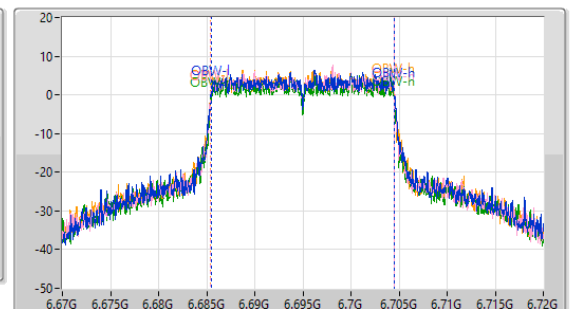
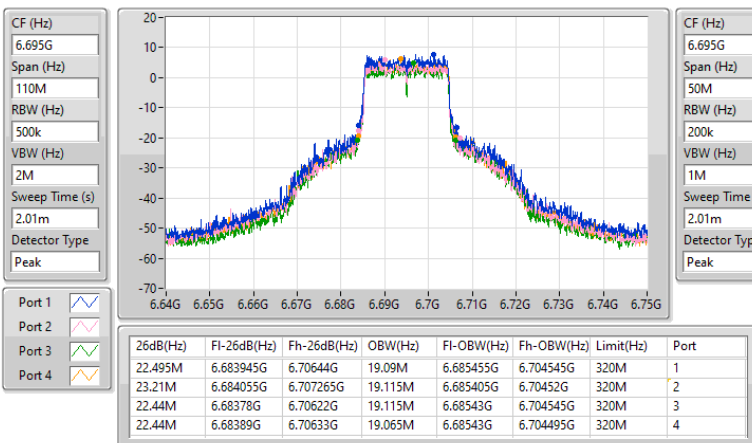


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

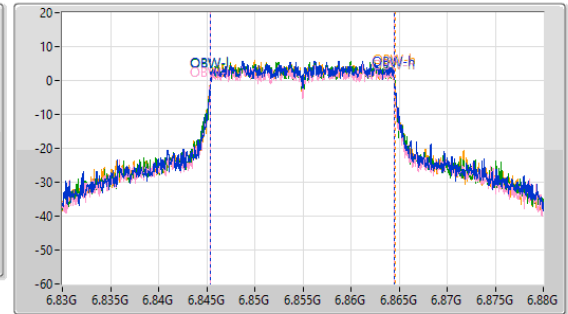
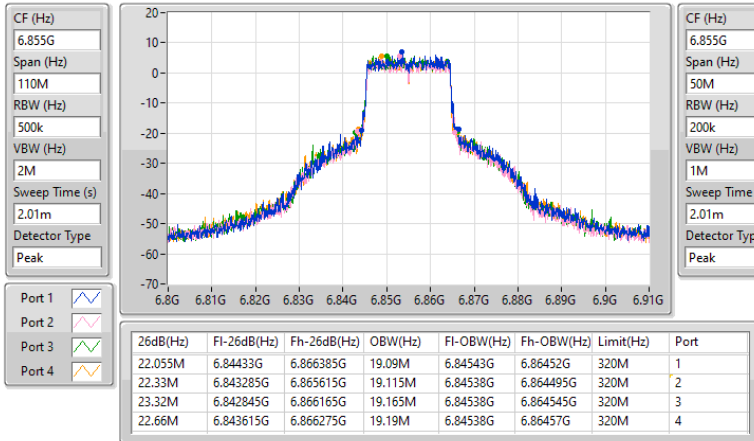
6695MHz

24/01/2026

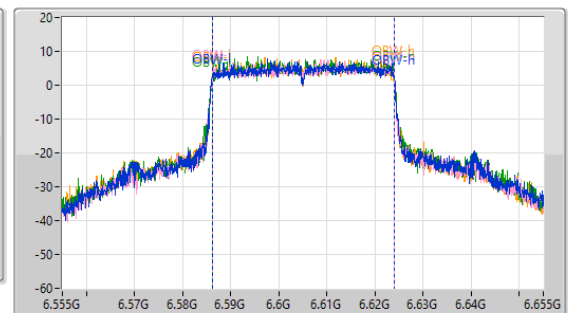
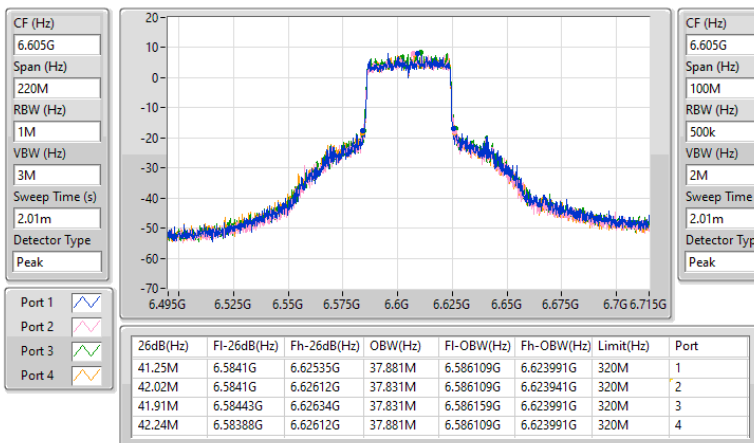


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
6855MHz

24/01/2026


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6605MHz

24/01/2026

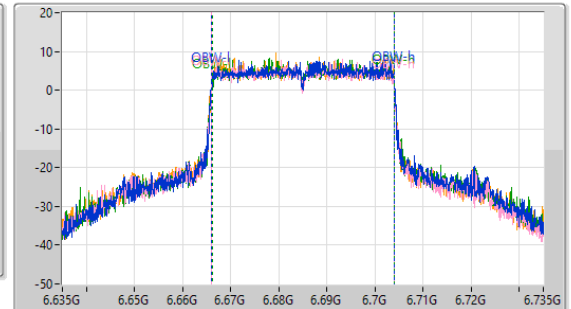
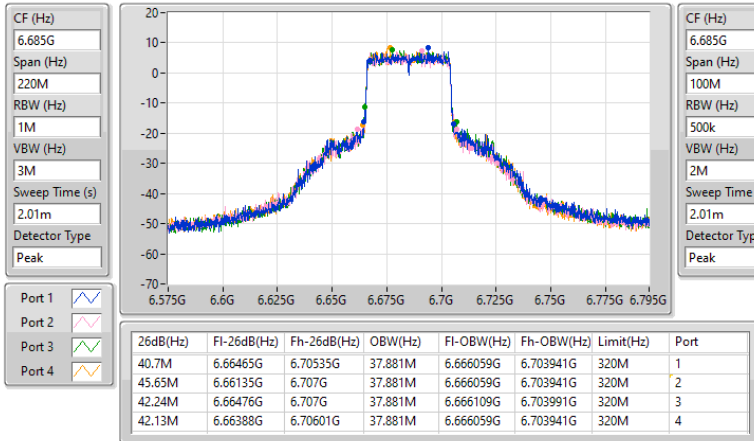


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6685MHz

24/01/2026

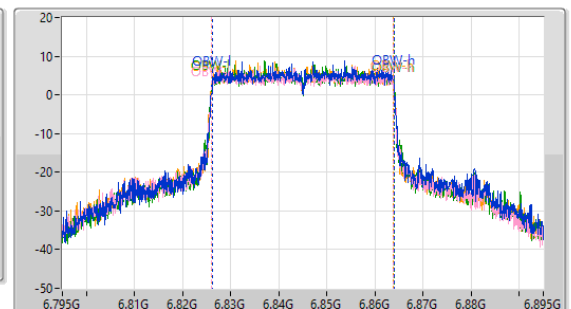
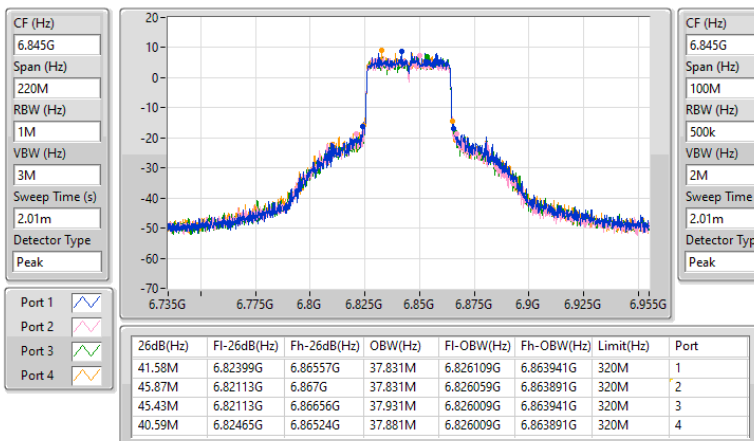


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

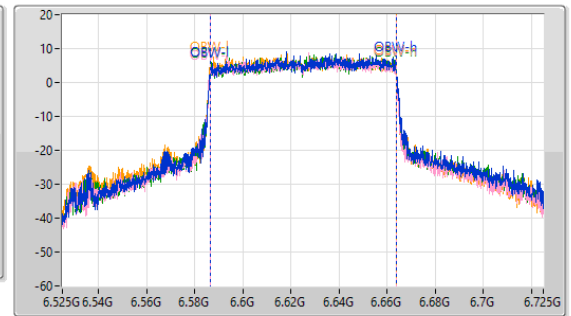
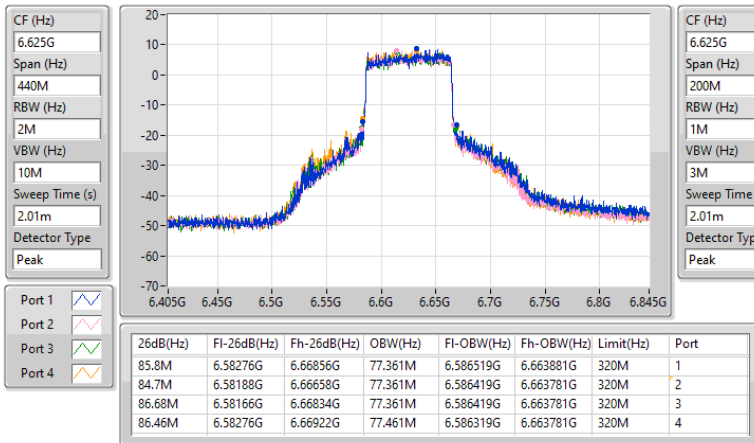
6845MHz

24/01/2026



6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6625MHz

24/01/2026


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6705MHz

24/01/2026

