

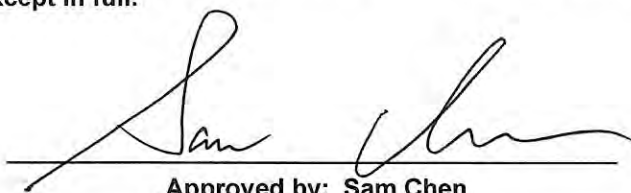


RADIO TEST REPORT

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022
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

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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	V	V
	6		996		484	V	V
	7		996	484	242	V	V
	8		996	484	242	V	—

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

Note:

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

1.1.2 Worst case of MRU(puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration.
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated PSD testing.
5. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing.
6. Confirm whether the worst MRU(static preamble 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(static preamble puncturing) needs to be retested.
7. Use worst configuration of MRU(static preamble 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	WNC	95XPAM15.G49	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
2	2	WNC	95XPAM15.G50	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
3	3	WNC	95XPAM15.G51	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
4	4	WNC	95XPAM15.G52	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
5	1	WNC	95XPAM15.G45	PIFA	I-Pex	5G Low & 6G High	Radio 1	-
6	2	WNC	95XPAM15.G46	PIFA	I-Pex	5G Low & 6G High	Radio 1	-
7	3	WNC	95XPAM15.G47	Alford loop	I-Pex	5G Low & 6G High	Radio 1	-
8	4	WNC	95XPAM15.G48	Alford loop	I-Pex	5G Low & 6G High	Radio 1	-
9	1	WNC	95XPAM15.G41	PIFA	I-Pex	6G Full & 6G Low	Radio 3	-
10	2	WNC	95XPAM15.G42	PIFA	I-Pex	6G Full & 6G Low	Radio 3	-
11	3	WNC	95XPAM15.G43	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	-
12	4	WNC	95XPAM15.G44	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	-
13	1	WNC	95XPAM15.G56	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	-
14	2	WNC	95XPAM15.G57	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	-
15	1	WNC	95XPAM15.G53	PIFA	I-Pex	BT+802.15.4	Radio 5	-
16	2	WNC	95XPAM15.G54	PIFA	I-Pex	BT+802.15.4	Radio 5	-
17	3	WNC	95XPAM15.GAM	Alford loop	I-Pex	BT+802.15.4	Radio 5	-
18	1	WNC	95XPAM15.G81	Alford loop	I-Pex	UWB	Radio 6	-
19	2	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	-
20	3	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	-
21	4	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	-

Ant.	Port	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
1	1	2.15	5.74	5.77	5.3	4.82	-	-	-	-	-	-	-
2	2	3.45	5.99	6.45	6.41	6.34	-	-	-	-	-	-	-
3	3	2.18	6.63	6.66	6.27	5.95	-	-	-	-	-	-	-
4	4	2.63	6.04	5.63	4.26	2.27	-	-	-	-	-	-	-
5	1	-	4.93	5.19	-	-	-	-	5.06	4.82	-	-	-
6	2	-	4.65	5.24	-	-	-	-	4.77	4.35	-	-	-
7	3	-	4.82	5.08	-	-	-	-	2.58	3.71	-	-	-
8	4	-	2.81	2.66	-	-	-	-	2.57	2.5	-	-	-
9	1	-	-	-	-	-	4.97	3.84	4.55	4.79	-	-	-
10	2	-	-	-	-	-	5.69	5.41	5.56	5.02	-	-	-
11	3	-	-	-	-	-	4.2	5.01	3.8	5.01	-	-	-
12	4	-	-	-	-	-	3.94	4.32	3.2	4.54	-	-	-
13	1	3.1	3.54	3.26	3.65	2.58	3.03	3.21	3.62	3.22	-	-	-
14	2	2.91	4.08	3.88	4.3	4.67	6.04	5.01	5.64	5.24	-	-	-
15	1	-	-	-	-	-	-	-	-	-	4	4	-
16	2	-	-	-	-	-	-	-	-	-	5.1	5.1	-
17	3	-	-	-	-	-	-	-	-	-	3.6	3.6	-
18	1	-	-	-	-	-	-	-	-	-	-	-	5.8
19	2	-	-	-	-	-	-	-	-	-	-	-	4.8
20	3	-	-	-	-	-	-	-	-	-	-	-	3.9
21	4	-	-	-	-	-	-	-	-	-	-	-	4.8

Ant.	-	Composite Gain (dBi) for 4TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~4	DG [1SS]	6.82	10.36	10.35	9.83	9.17	-	-	-	-
	DG [2SS]	3.82	7.36	7.35	6.83	6.34	-	-	-	-
	DG [4SS]	3.45	6.63	6.66	6.41	6.34	-	-	-	-
5~8	DG [1SS]	-	5.69	5.63	-	-	-	-	5.77	5.61
	DG [2SS]	-	4.93	5.24	-	-	-	-	5.06	4.82
	DG [4SS]	-	4.93	5.24	-	-	-	-	5.06	4.82
9~12	DG [1SS]	-	-	-	-	-	5.91	6.8	5.56	6.06
	DG [2SS]	-	-	-	-	-	5.69	5.41	5.56	5.02
	DG [4SS]	-	-	-	-	-	5.69	5.41	5.56	5.02



Ant.	-	Composite Gain (dBi) for 2TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~2	DG [1SS]	5.29	6.92	7.56	7.4	6.45	-	-	-	-
	DG [2SS]	3.45	5.99	6.45	6.41	6.34	-	-	-	-
5~6	DG [1SS]	-	7.49	7.94	-	-	-	-	7.87	7.36
	DG [2SS]	-	4.93	5.24	-	-	-	-	5.06	4.82
9~10	DG [1SS]	-	-	-	-	-	6.85	6.13	6.51	5.83
	DG [2SS]	-	-	-	-	-	5.69	5.41	5.56	5.02
13~14	DG [1SS]	3.95	6.62	6.37	6.99	5.33	6.09	5.99	6.72	5.49
	DG [2SS]	3.1	4.08	3.88	4.3	4.67	6.04	5.01	5.64	5.24

Note 1: The EUT has Twenty-one antennas.

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

Note 3: BT= Bluetooth.

For 2.4GHz function:

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

Ant. 1 could transmit/receive.

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

Ant. 1~2 could transmit/receive simultaneously.

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

Ant. 1~4 could transmit/receive simultaneously.

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

Ant. 13~14 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 5 could transmit/receive.

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

Ant. 5~6 could transmit/receive simultaneously.

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

Ant. 5~8 could transmit/receive simultaneously.

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

Ant. 1 could transmit/receive.

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

Ant. 1~2 could transmit/receive simultaneously.

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

Ant. 1~4 could transmit/receive simultaneously.



For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)
Ant. 13~14 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 1)
Ant. 5 could transmit/receive.
For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 1)
Ant. 5~6 could transmit/receive simultaneously.
For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 1)
Ant. 5~8 could transmit/receive simultaneously.
For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)
Ant. 9 could transmit/receive.
For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)
Ant. 9~10 could transmit/receive simultaneously.
For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)
Ant. 9~12 could transmit/receive simultaneously.
For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)
Ant. 13~14 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 15 or Ant.16 or Ant 17 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. 15 or Ant.16 or Ant 17 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. 18 and Ant 20 could transmit.
Ant. 18~21 could receive.



1.1.4 Mode Test Duty Cycle

Test Mode 1: R1_ Indoor Access Point: Non-beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.901	0.45	321.875u	5k
802.11be EHT40_Nss 1,(M0)	0.9	0.46	304.375u	5k
802.11be EHT80_Nss 1,(M0)	0.897	0.47	295u	5k
802.11be EHT160_Nss 1,(M0)	0.894	0.49	290.938u	5k
802.11be EHT20_Nss 2,(M0)	0.897	0.47	311.563u	5k
802.11be EHT40_Nss 2,(M0)	0.9	0.46	305.938u	5k
802.11be EHT80_Nss 2,(M0)	0.898	0.47	298.125u	5k
802.11be EHT160_Nss 2,(M0)	0.894	0.49	294.062u	5k
802.11be EHT20_Nss 4,(M0)	0.901	0.45	320.625u	5k
802.11be EHT40_Nss 4,(M0)	0.9	0.46	312.5u	5k
802.11be EHT80_Nss 4,(M0)	0.901	0.45	308.438u	5k
802.11be EHT160_Nss 4,(M0)	0.899	0.46	308.438u	5k

Test Mode 2: R1_ Indoor Access Point: Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss 1,(M0)	0.901	0.45	321.875u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.9	0.46	304.375u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.897	0.47	295u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.894	0.49	290.938u	5k

Test Mode 3: Standard Power Access Point: Non-beamforming

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)	0.896	0.48	295.625u	5k
802.11be EHT160_Nss 1,(M0)	0.897	0.47	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.899	0.46	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.9	0.46	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.899	0.46	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.897	0.47	294.375u	5k
802.11be EHT20_Nss 4,(M0)	0.9	0.46	321.25u	5k
802.11be EHT40_Nss 4,(M0)	0.902	0.45	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.901	0.45	308.75u	5k
802.11be EHT160_Nss 4,(M0)	0.901	0.45	308.75u	5k

**Test Mode 4: R1_Standard Power Access Point: Beamforming**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss 1,(M0)	0.901	0.45	321.875u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.9	0.46	304.375u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.897	0.47	295u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.894	0.49	290.938u	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)	0.907	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305.625u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295.312u	5k
802.11be EHT160_Nss 1,(M0)	0.902	0.45	291.562u	5k
802.11be EHT320_Nss 1,(M0)	0.903	0.44	291.562u	5k
802.11be EHT20_Nss 2,(M0)	0.905	0.43	312.187u	5k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.562u	5k
802.11be EHT80_Nss 2,(M0)	0.905	0.43	299.062u	5k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	295.312u	5k
802.11be EHT320_Nss 2,(M0)	0.904	0.44	299.062u	5k
802.11be EHT20_Nss 4,(M0)	0.908	0.42	321.562u	5k
802.11be EHT40_Nss 4,(M0)	0.908	0.42	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.907	0.42	309.375u	5k
802.11be EHT160_Nss 4,(M0)	0.907	0.42	309.375u	5k
802.11be EHT320_Nss 4,(M0)	0.908	0.42	313.125u	5k

Test Mode 6: R3_Indoor Access Point: Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss1,(MCS0)	0.949	0.23	2.951m	500
802.11be EHT40-BF_Nss1,(MCS0)	0.953	0.21	4.39m	300
802.11be EHT80-BF_Nss1,(MCS0)	0.866	0.62	4.163m	300
802.11be EHT160-BF_Nss1,(MCS0)	0.928	0.32	5.253m	200
802.11be EHT320-BF_Nss1,(MCS0)	0.943	0.25	5.341m	200
802.11be EHT20-BF_Nss1,(MCS0)	0.932	0.31	4.413m	300
802.11be EHT40-BF_Nss1,(MCS0)	0.366	4.37	31.25u	50k
802.11be EHT80-BF_Nss1,(MCS0)	0.953	0.21	4.416m	300
802.11be EHT160-BF_Nss1,(MCS0)	0.933	0.3	4.831m	300
802.11be EHT320-BF_Nss1,(MCS0)	0.909	0.41	4.834m	300

**Test Mode 7: R3_Standard Power Access Point: Non-beamforming**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.907	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305.625u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295.312u	5k
802.11be EHT160_Nss 1,(M0)	0.902	0.45	291.562u	5k
802.11be EHT320_Nss 1,(M0)	0.903	0.44	291.562u	5k
802.11be EHT20_Nss 2,(M0)	0.905	0.43	312.187u	5k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.562u	5k
802.11be EHT80_Nss 2,(M0)	0.905	0.43	299.062u	5k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	295.312u	5k
802.11be EHT320_Nss 2,(M0)	0.904	0.44	299.062u	5k
802.11be EHT20_Nss 4,(M0)	0.908	0.42	321.562u	5k
802.11be EHT40_Nss 4,(M0)	0.908	0.42	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.907	0.42	309.375u	5k
802.11be EHT160_Nss 4,(M0)	0.907	0.42	309.375u	5k
802.11be EHT320_Nss 4,(M0)	0.908	0.42	313.125u	5k

Test Mode 8: R3_Standard Power Access Point: Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss1,(MCS0)	0.907	0.42	322.188u	5k
802.11be EHT40-BF_Nss1,(MCS0)	0.906	0.43	304.375u	5k
802.11be EHT80-BF_Nss1,(MCS0)	0.904	0.44	295u	5k
802.11be EHT160-BF_Nss1,(MCS0)	0.901	0.45	290.938u	5k
802.11be EHT320-BF_Nss1,(MCS0)	0.901	0.45	290.938u	5k
802.11be EHT20-BF_Nss1,(MCS0)	0.907	0.42	322.188u	5k
802.11be EHT40-BF_Nss1,(MCS0)	0.902	0.45	304.375u	5k
802.11be EHT80-BF_Nss1,(MCS0)	0.9	0.46	295u	5k
802.11be EHT160-BF_Nss1,(MCS0)	0.901	0.45	290.938u	5k
802.11be EHT320-BF_Nss1,(MCS0)	0.901	0.45	290.938u	5k

Test Mode 9: R4_Indoor Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.903	0.44	311.563u	5k
802.11be EHT40_Nss 1,(M0)	0.906	0.43	305.938u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	298.125u	5k
802.11be EHT160_Nss 1,(M0)	0.9	0.46	294.062u	5k
802.11be EHT320_Nss 1,(M0)	0.904	0.44	298.125u	5k
802.11be EHT20_Nss 2,(M0)	0.903	0.44	311.563u	5k
802.11be EHT40_Nss 2,(M0)	0.906	0.43	305.938u	5k
802.11be EHT80_Nss 2,(M0)	0.903	0.44	298.125u	5k
802.11be EHT160_Nss 2,(M0)	0.9	0.46	294.062u	5k
802.11be EHT320_Nss 2,(M0)	0.904	0.44	298.125u	5k

**Test Mode 10: R4_ Standard Power Access Point**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.903	0.44	311.563u	5k
802.11be EHT40_Nss 1,(M0)	0.906	0.43	305.938u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	298.125u	5k
802.11be EHT160_Nss 1,(M0)	0.9	0.46	294.062u	5k
802.11be EHT320_Nss 1,(M0)	0.904	0.44	298.125u	5k
802.11be EHT20_Nss 2,(M0)	0.903	0.44	311.563u	5k
802.11be EHT40_Nss 2,(M0)	0.906	0.43	305.938u	5k
802.11be EHT80_Nss 2,(M0)	0.903	0.44	298.125u	5k
802.11be EHT160_Nss 2,(M0)	0.9	0.46	294.062u	5k
802.11be EHT320_Nss 2,(M0)	0.904	0.44	298.125u	5k

Test Mode 11: R1_ Indoor Access Point (MRU (puncturing))

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.966	0.15	998.594u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.966	0.15	998.594u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.966	0.15	998.594u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.966	0.15	996.25u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.966	0.15	996.25u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.966	0.15	996.25u	2k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.966	0.15	993.906u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484+RU242	0.966	0.15	993.75u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.966	0.15	993.75u	2k

Test Mode 12: 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	0.972	0.12	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	0.972	0.12	998.75u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.968	0.14	996.563u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.968	0.14	996.563u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.968	0.14	996.563u	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	996.563u	2k
802.11be EHT320_Nss 2,(M0),2xRU996+RU484	0.969	0.14	996.563u	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	0.972	0.12	994.063u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.972	0.12	994.063u	2k
802.11be EHT320_Nss 4,(M0),3xRU996+RU484	0.969	0.14	999.063u	2k
802.11be EHT320_Nss 4,(M0),3xRU996	0.972	0.12	999.063u	2k
802.11be EHT320_Nss 4,(M0),2xRU996+RU484	0.969	0.14	999.063u	2k

**Test Mode 13: 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	0.973	0.12	1.012m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.971	0.13	1.012m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.973	0.12	1.005m	1k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.972	0.12	1.001m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.973	0.12	1.005m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.971	0.13	1.005m	1k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.972	0.12	1.001m	1k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.973	0.12	1.001m	1k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.972	0.12	1.001m	1k
802.11be EHT320_Nss 2,(M0),3xRU996+RU484	0.973	0.12	1.001m	1k
802.11be EHT320_Nss 2,(M0),3xRU996	0.973	0.12	1.001m	1k
802.11be EHT320_Nss 2,(M0),2xRU996+RU484	0.973	0.12	1.001m	1k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.972	0.12	1.001m	1k
802.11be EHT160_Nss 4,(M0),RU996+RU484+RU242	0.972	0.12	1.001m	1k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.972	0.12	1.001m	1k
802.11be EHT320_Nss 4,(M0),3xRU996+RU484	0.972	0.12	996.875u	2k
802.11be EHT320_Nss 4,(M0),3xRU996	0.972	0.12	996.875u	2k
802.11be EHT320_Nss 4,(M0),2xRU996+RU484	0.973	0.12	1.001m	1k

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 1, 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)	-	-
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)	-	-
R4	-	-	V (AP, for 2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8)	-	-	-
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)	03CH01-CB 03CH02-CB 03CH04-CB 03CH05-CB 03CH06-CB	Gordon Hung	21.3~22.3 / 58~61 21.5~23.3 / 58~61 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 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)	03CH03-CB	Gordon Hung	21.6~23.1 / 58~62	Nov. 08, 2025~ Feb. 28, 2026
Radiated Above 1GHz (for MRU(puncturing))	03CH01-CB 03CH03-CB 03CH05-CB	Gordon Hung	21.3~22.3 / 58~61 21.6~23.1 / 58~62 21.5~22.9 / 57~60	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_ Indoor Access Point: Non-beamforming

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_1TX
6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_1TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6665MHz
6825MHz
6985MHz
802.11be EHT20_Nss2,(MCS0)_2TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss2,(MCS0)_2TX
6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss2,(MCS0)_2TX
6625MHz



6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6665MHz
6825MHz
6985MHz
802.11be EHT20_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_4TX
6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6665MHz
6825MHz
6985MHz
802.11be EHT20_Nss4,(MCS0)_4TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss4,(MCS0)_4TX
6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz



802.11be EHT80_Nss4,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss4,(MCS0)_4TX
6665MHz
6825MHz
6985MHz

Test Mode 2: R1_Indoor Access Point: Beamforming

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
6605MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6665MHz
6825MHz
6985MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
6595MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
6605MHz



6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6665MHz
6825MHz
6985MHz

Test Mode 3: Standard Power Access Point: Non-beamforming

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_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

Test Mode 4: R1_Standard Power Access Point: Beamforming

Mode
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 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_Standard Power Access Point: Non-beamforming**

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_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

Test Mode 8: R3_Standard Power Access Point: Beamforming

Mode
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 9: R4_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 10: 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 11: R1_Indoor Access Point (MRU (puncturing))

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6985MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
7025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 5_2TX
6985MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX
6985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 5_4TX
6985MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz

**Test Mode 12: R3 Indoor Access Point (MRU (puncturing))**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_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
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 8_1TX
6905MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX
5985MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX
7025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 8_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 8_2TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_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 8_4TX
6905MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 8_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 8_4TX
6905MHz

Test Mode 13: R3_Standard Power Access Point (MRU (puncturing))

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_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 3_2TX
5985MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 8_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 3_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_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 3_4TX
5985MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 8_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

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)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 2.4GHz)+R5(BT: Ant. 15)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
2	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 15)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
3	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 6GHz)+R5(BT: Ant. 15)+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 4~5 will follow this same test mode.	
4	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 16)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
5	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
Mode 5 has been evaluated to be the worst case between Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(IEEE802.15.4: Ant. 17)+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 7~10 will follow this same test mode.	
7	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+Eth0(LAN)+PoE(Powered from Eth1 port)
8	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+PoE(Powered from Eth0+Eth1 port)-testing Eth0
9	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+PoE(Powered from Eth0+Eth1 port)-testing Eth1
10	EUT+R1(2.4GHz)+R2(5GHz full)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+adapter
"R4(Scanning 5GHz)+R5(BT: Ant. 17)+Eth1(PSE out)+PoE(Powered from Eth0 port)" has been evaluated to be the worst case among Mode 1~9, thus measurement for Mode 11, 13 will follow this same test mode. "R4(Scanning 5GHz)+R5(BT: Ant. 17)" has been evaluated to be the worst case among Mode 1~10, thus measurement for Mode 12, 14 will follow this same test mode.	
11	EUT+R1(5GHz low band)+R2(5GHz high band)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
12	EUT+R1(5GHz low band)+R2(5GHz high band)+R3(6GHz full band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+adapter
13	EUT+R1(6GHz high band)+R2(5GHz full band)+R3(6GHz Low band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+R6(UWB)+Eth1(PSE out)+PoE(Powered from Eth0 port)
14	EUT+R1(6GHz high band)+R2(5GHz full band)+R3(6GHz Low band)+R4(Scanning 5GHz)+R5(BT: Ant. 17)+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 / R1_Indoor Access Point: Non-beamforming
2	EUT / R1_Indoor Access Point: Beamforming
3	EUT / R1_Standard Power Access Point: Non-beamforming
4	EUT / R1_Standard Power Access Point: Beamforming
5	EUT / R3_Indoor Access Point: Non-beamforming
6	EUT / R3_Indoor Access Point: Beamforming
7	EUT / R3_Standard Power Access Point: Non-beamforming
8	EUT / R3_Standard Power Access Point: Beamforming
9	EUT / R4_Indoor Access Point
10	EUT / R4_Standard Power Access Point

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	For Radio 1 and 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 Y axis, so it was selected to perform test and its test result was written in the report.
	For Scanning Radio 4: Conducted measurement at transmit chains
1	EUT in Y axis / R1_Indoor Access Point: Non-beamforming
2	EUT in Y axis / R1_Indoor Access Point: Beamforming
3	EUT in Y axis / R1_Standard Power Access Point: Non-beamforming
4	EUT in Y axis / R1_Standard Power Access Point: Beamforming
5	EUT in Y axis / R3_Indoor Access Point: Non-beamforming
6	EUT in Y axis / R3_Indoor Access Point: Beamforming
7	EUT in Y axis / R3_Standard Power Access Point: Non-beamforming
8	EUT in Y axis / R3_Standard Power Access Point: Beamforming
9	EUT / R4_Indoor Access Point
10	EUT / 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 Radio 1 and 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 Y axis, so it was selected to perform test and its test result was written in the report.
	For Scanning Radio 4: Conducted measurement at transmit chains
1	EUT in Y axis / R1_Indoor Access Point: Non-beamforming
2	EUT in Y axis / R1_Indoor Access Point: Beamforming
3	EUT in Y axis / R1_Standard Power Access Point: Non-beamforming
4	EUT in Y axis / R1_Standard Power Access Point: Beamforming
5	EUT in Y axis / R3_Indoor Access Point: Non-beamforming
6	EUT in Y axis / R3_Indoor Access Point: Beamforming
7	EUT in Y axis / R3_Standard Power Access Point: Non-beamforming
8	EUT in Y axis / R3_Standard Power Access Point: Beamforming
9	EUT / R4_Indoor Access Point
10	EUT / R4_Standard Power Access Point
11	EUT in Y axis / R1_Indoor Access Point (MRU (puncturing))
12	EUT in Y axis / R3_Indoor Access Point (MRU (puncturing))
13	EUT in Y axis / R3_Standard Power 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 / R1_Indoor Access Point
2	EUT / R3_Indoor Access Point
3	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 in Y axis / R1(6GHz)+PoE(Powered from Eth0 port)
2	EUT in Y axis / R1(6GHz)+PoE(Powered from Eth1 port)
3	EUT in Y axis / R1(6GHz)+PoE(Powered from Eth0+Eth1 port)
4	EUT in Y axis / R1(6GHz)+adapter
Mode 1 has been evaluated to be the worst case between Mode 1~4, thus measurement for Mode 5~6 will follow this same test mode.	
5	EUT in Y axis / R3(6GHz)+PoE(Powered from Eth0 port)
6	EUT in Z axis / R4(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 Y axis / R1_Indoor Access Point: Non-beamforming
2	EUT in Y axis / R1_Indoor Access Point: Beamforming
3	EUT in Y axis / R1_Standard Power Access Point: Non-beamforming
4	EUT in Y axis / R1_Standard Power Access Point: Beamforming
5	EUT in Y axis / R3_Indoor Access Point: Non-beamforming
6	EUT in Y axis / R3_Indoor Access Point: Beamforming
7	EUT in Y axis / R3_Standard Power Access Point: Non-beamforming
8	EUT in Y axis / R3_Standard Power Access Point: Beamforming
9	EUT in Z axis / R4_Indoor Access Point
10	EUT in Z axis / R4_Standard Power Access Point
11	EUT in Y axis / R1_Indoor Access Point (MRU (puncturing))
12	EUT in Y axis / R3_Indoor Access Point (MRU (puncturing))
13	EUT in Y axis / R3_Standard Power 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 / R1_Indoor Access Point: Non-beamforming
2	EUT / R1_Indoor Access Point: Beamforming
3	EUT / R1_Standard Power Access Point: Non-beamforming
4	EUT / R1_Standard Power Access Point: Beamforming
5	EUT / R3_Indoor Access Point: Non-beamforming
6	EUT / R3_Indoor Access Point: Beamforming
7	EUT / R3_Standard Power Access Point: Non-beamforming
8	EUT / R3_Standard Power Access Point: Beamforming
9	EUT / R4_Indoor Access Point
10	EUT / R4_Standard Power Access Point
11	EUT / R1_Indoor Access Point (MRU (puncturing))
12	EUT / R3_Indoor Access Point (MRU (puncturing))
13	EUT / R3_Standard Power 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						
Test Item	802.11be EHT20/40/80/160/320					
	1T1S	2T1S	TXBF 2T1S	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

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

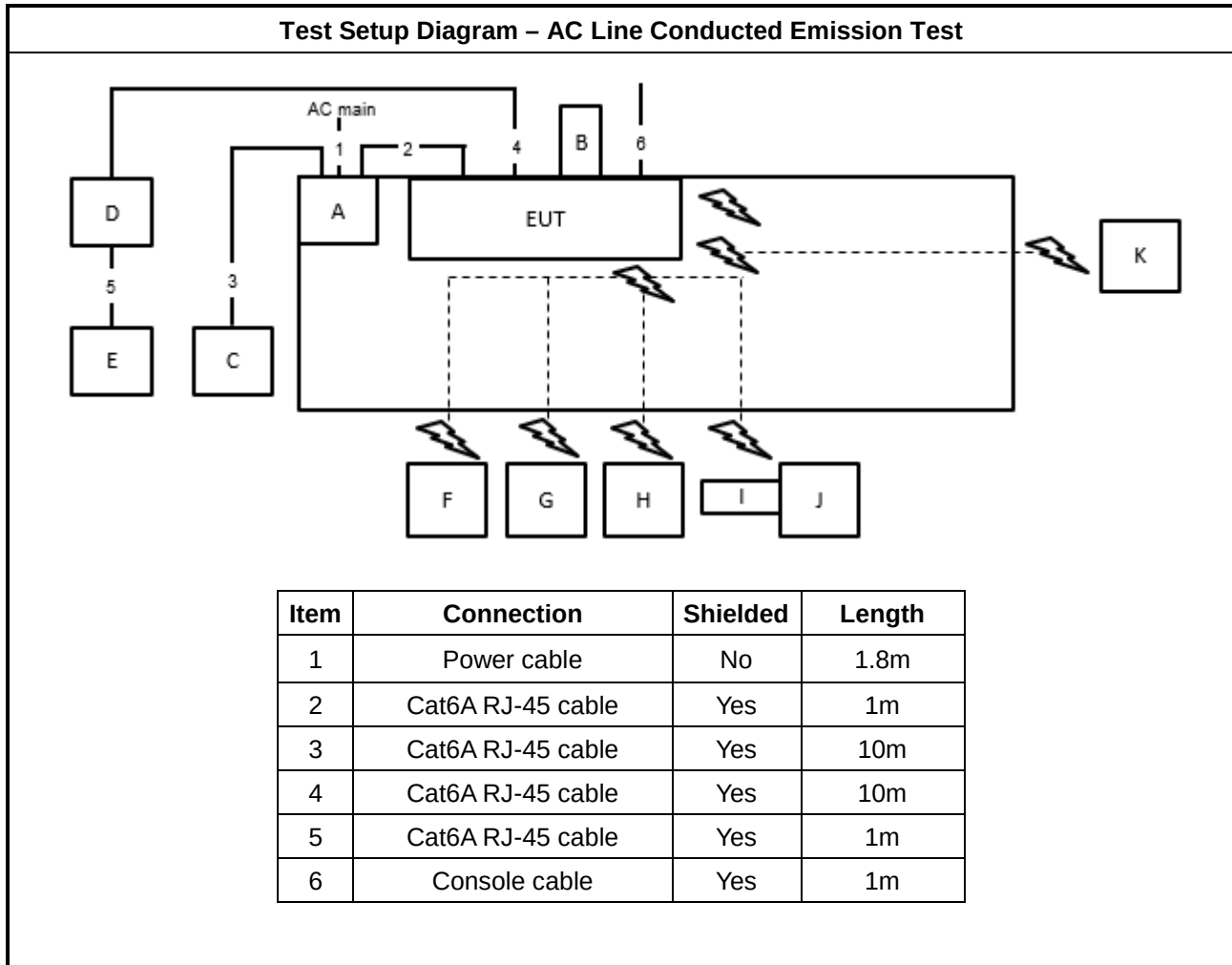
For RF Conducted (Other tests):

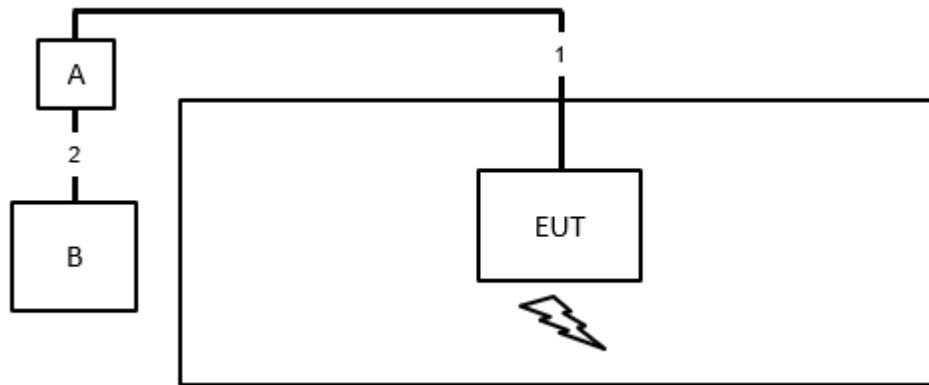
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Microsemi	PD-9501-10GC/AC	N/A

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

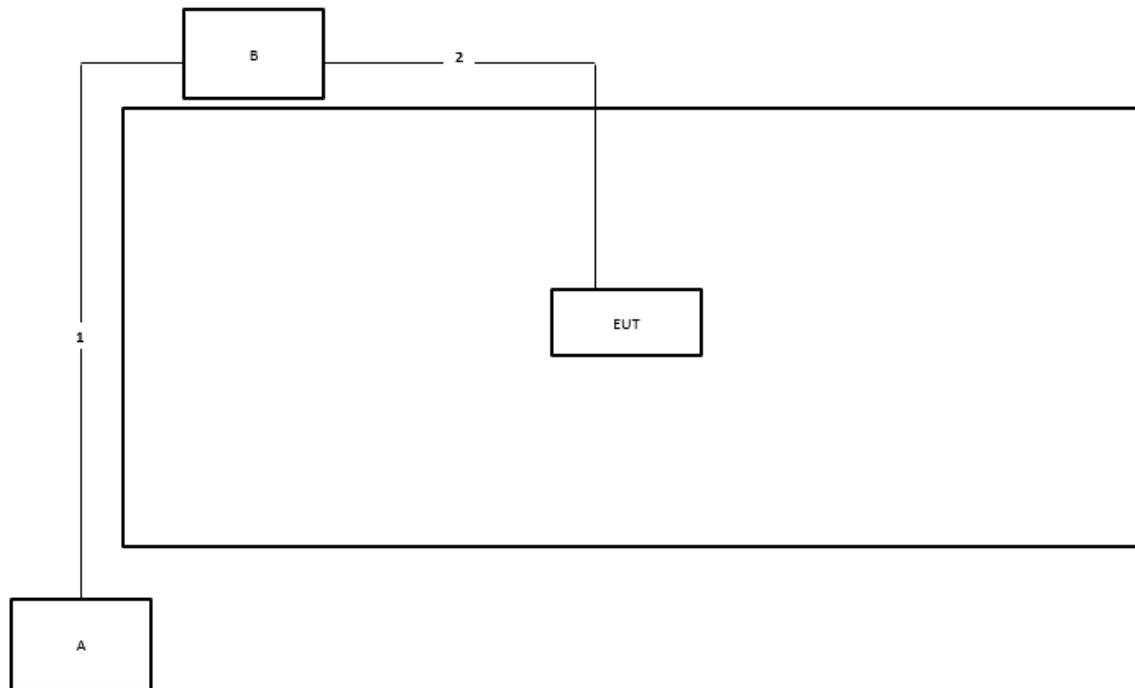
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


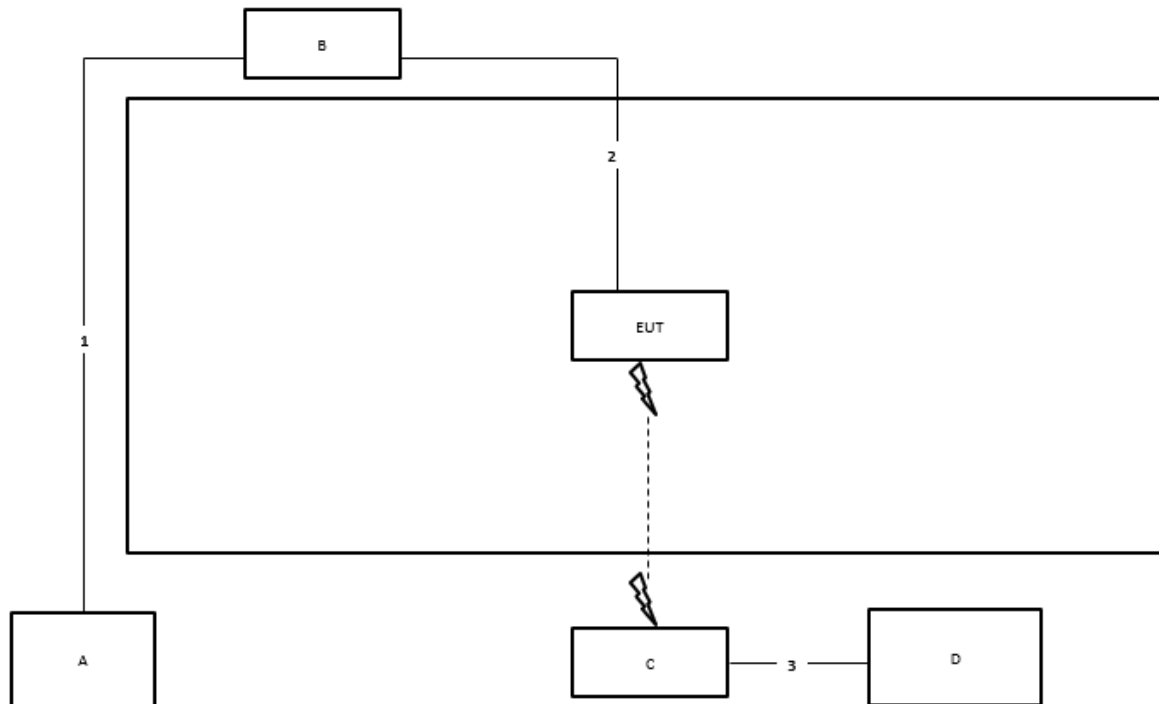
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	3m

**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.		

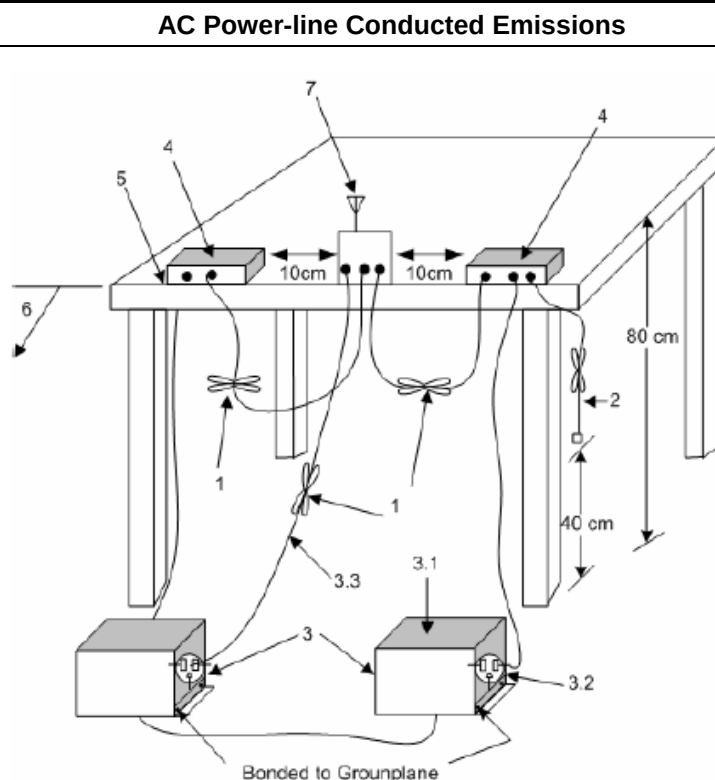
3.1.2 Measuring Instruments

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.

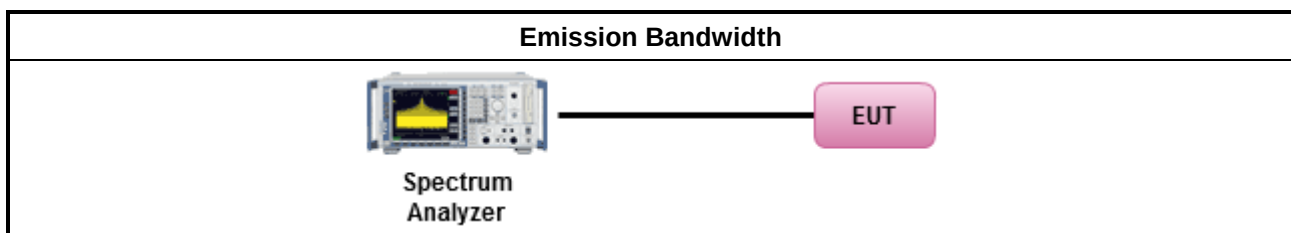
3.2.2 Measuring Instruments

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

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

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

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).
For standard client devices < 30 dBm.

3.3.2 Measuring Instruments

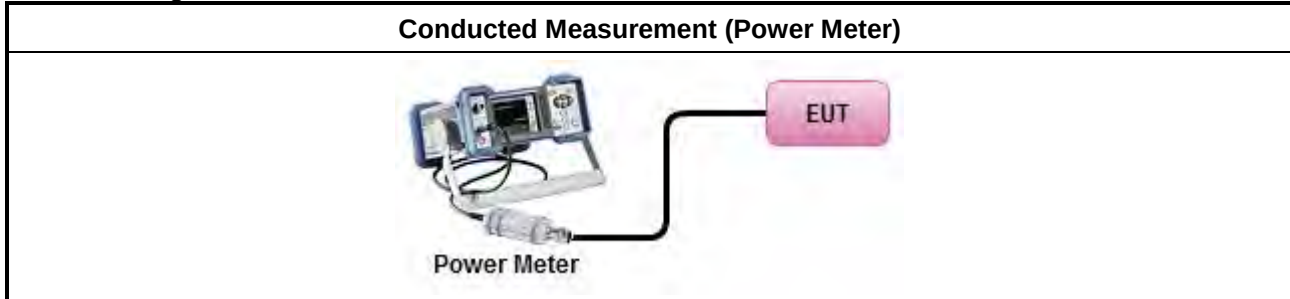
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

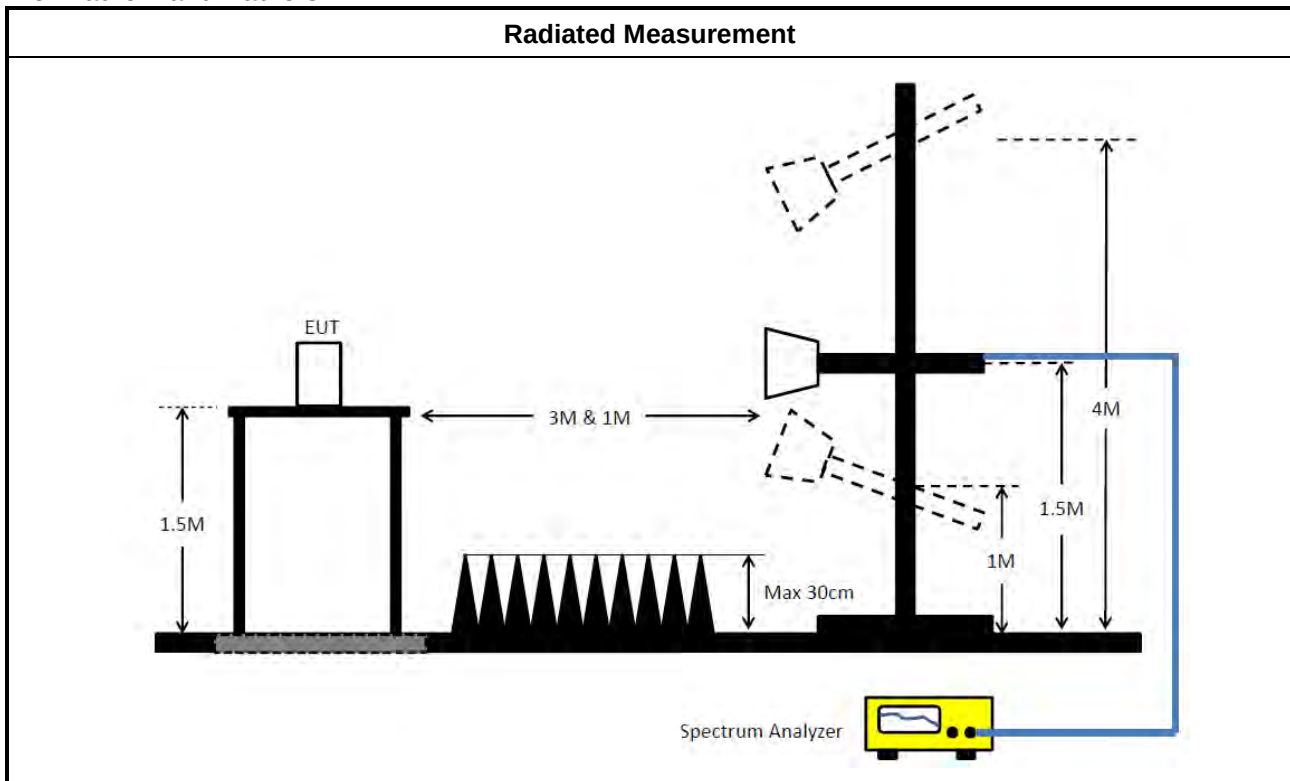
Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; 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 Scanning Radio 4:



For Radio 1 and Radio 3:



3.3.5 Test Result of Maximum Equivalent Isotropically 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.

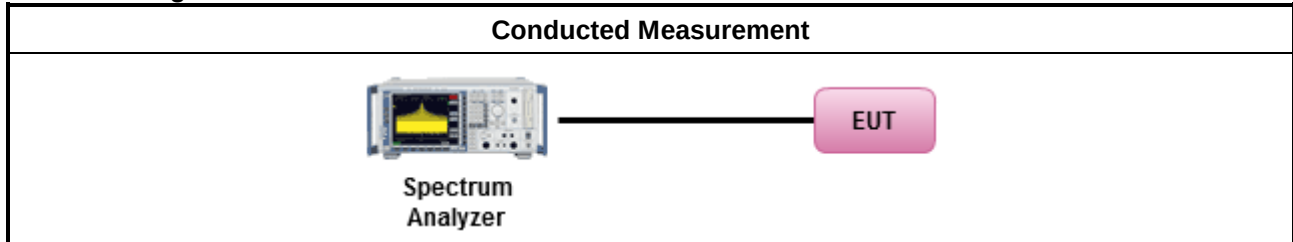
3.4.2 Test Procedures

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, F5) 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.

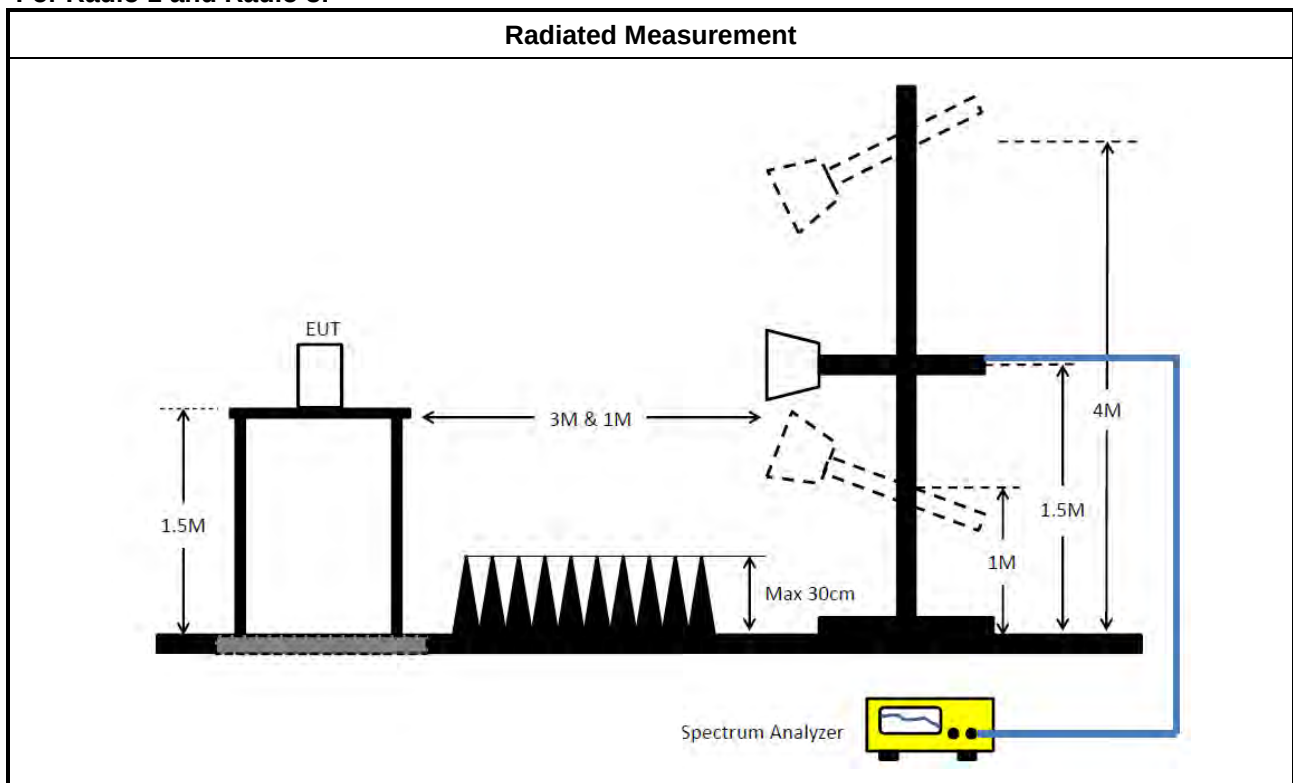
Test Method	
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.3 Test Setup

For Scanning Radio 4:



For Radio 1 and Radio 3:



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

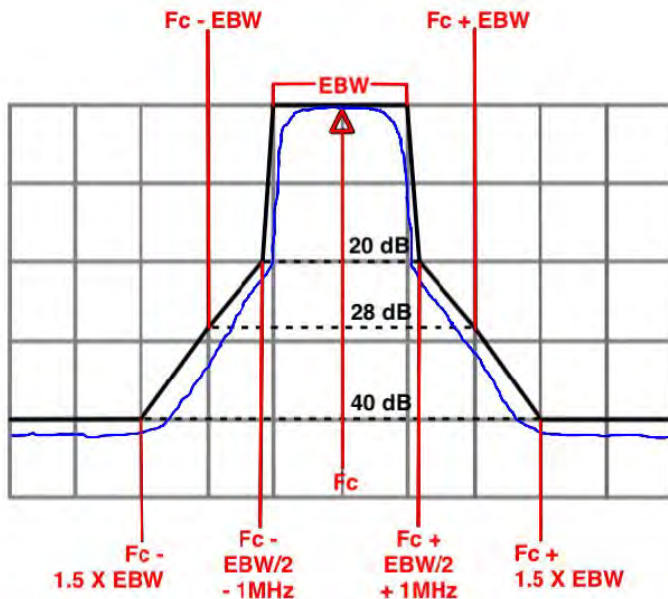
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

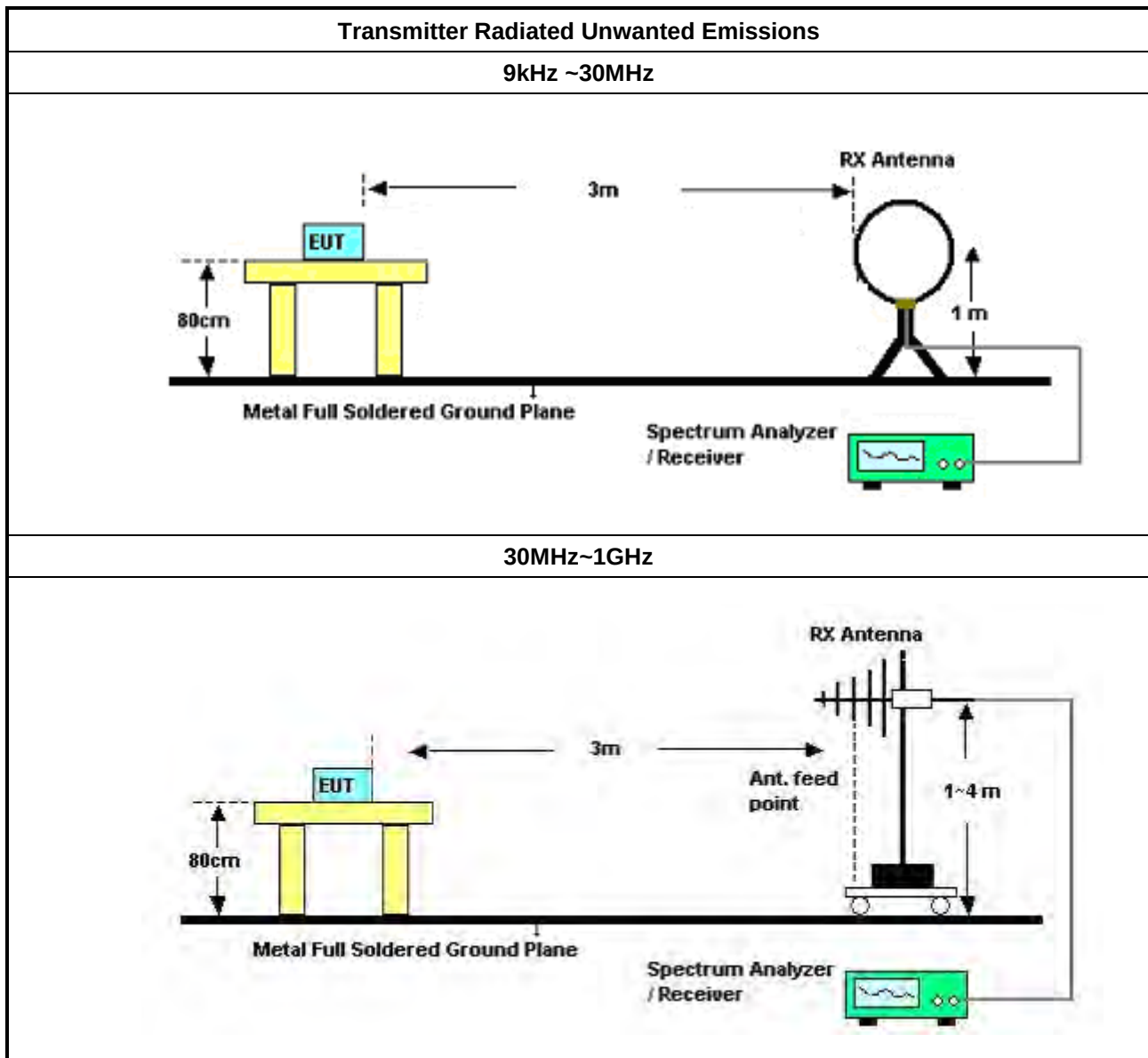
3.5.3 Test Procedures

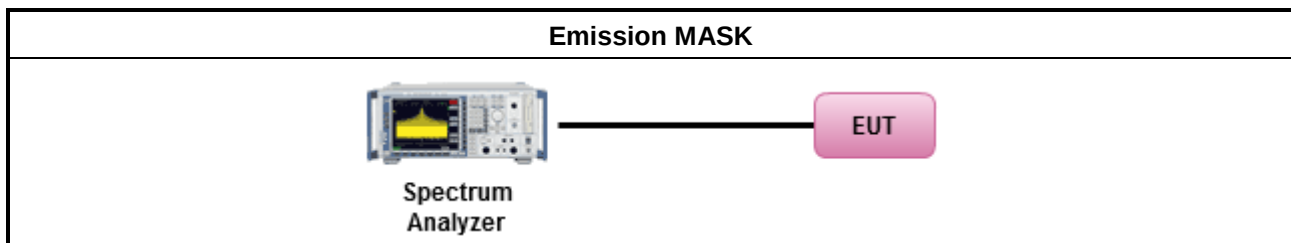
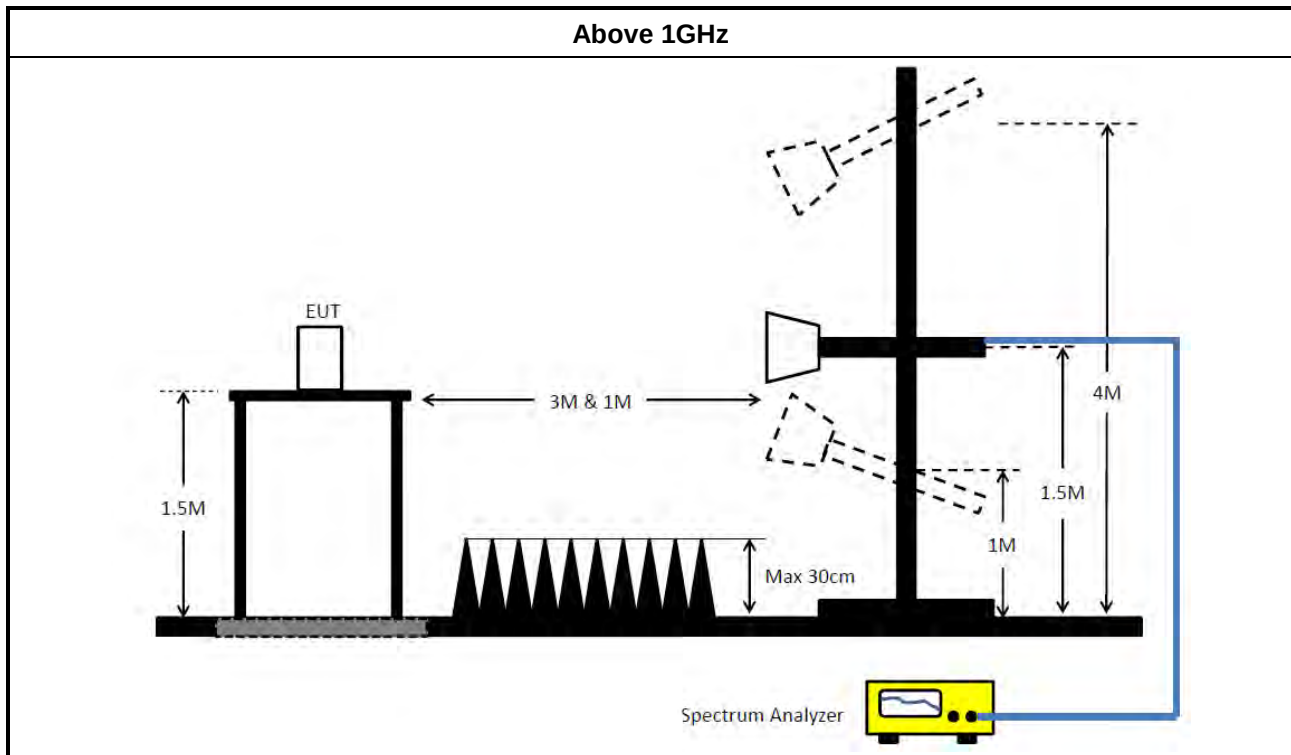
Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured 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.

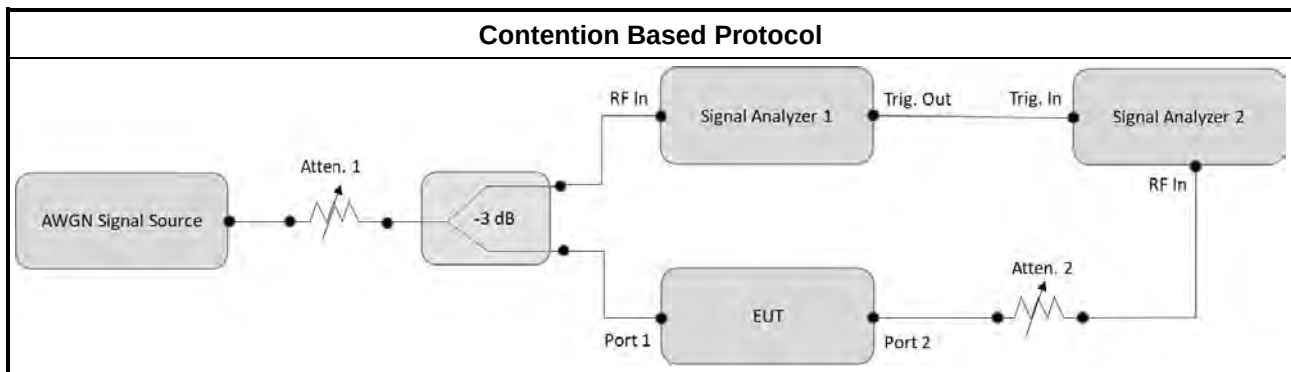
3.6.2 Measuring Instruments

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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	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)



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 (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Pre-Amplifier	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)



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



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	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)
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.



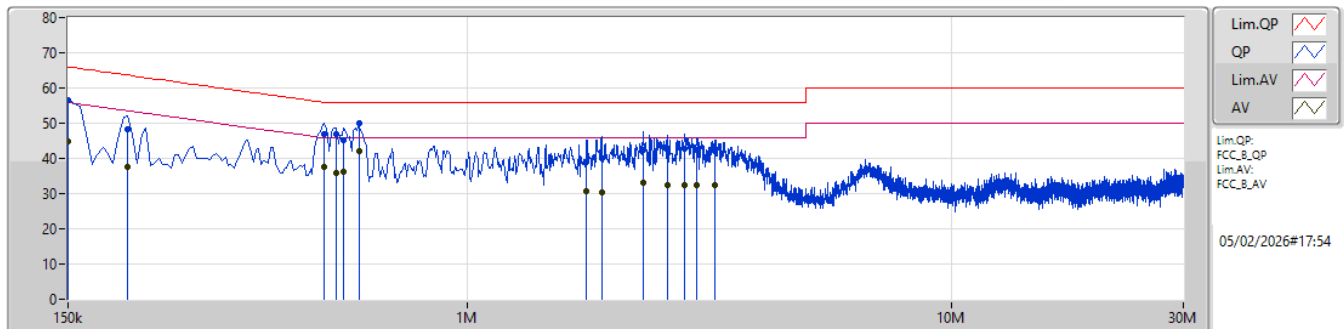
Conducted Emissions at Powerline

Appendix A

Summary

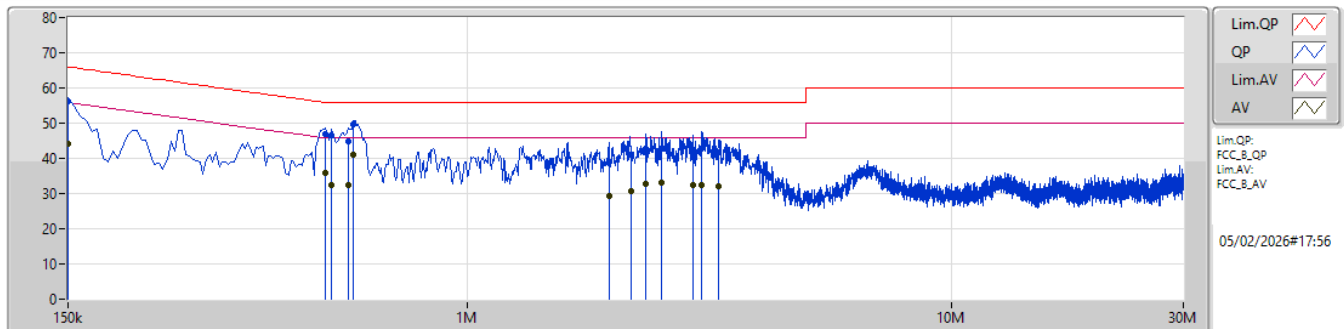
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	AV	600k	42.09	46.00	-3.91	Line

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	56.38	66.00	-9.62	10.03	Line	-	46.35	0.05	0.10	9.88						
AV	150k	44.67	56.00	-11.33	10.03	Line	-	34.64	0.05	0.10	9.88						
QP	199.5k	48.28	63.63	-15.35	9.88	Line	-	38.40	0.06	0.06	9.76						
AV	199.5k	37.44	53.63	-16.19	9.88	Line	-	27.56	0.06	0.06	9.76						
QP	505.5k	46.98	56.00	-9.02	10.09	Line	-	36.89	0.06	0.13	9.90						
AV	505.5k	37.47	46.00	-8.53	10.09	Line	-	27.38	0.06	0.13	9.90						
QP	537k	46.77	56.00	-9.23	10.09	Line	-	36.68	0.06	0.13	9.90						
AV	537k	35.85	46.00	-10.15	10.09	Line	-	25.76	0.06	0.13	9.90						
QP	555k	45.24	56.00	-10.76	10.09	Line	-	35.15	0.06	0.13	9.90						
AV	555k	36.06	46.00	-9.94	10.09	Line	-	25.97	0.06	0.13	9.90						
QP	600k	49.95	56.00	-6.05	10.09	Line	-	39.86	0.06	0.13	9.90						
AV	600k	42.09	46.00	-3.91	10.09	Line	"Worst"	32.00	0.06	0.13	9.90						
QP	1.761M	38.89	56.00	-17.11	10.00	Line	-	28.89	0.09	0.14	9.77						
AV	1.761M	30.55	46.00	-15.45	10.00	Line	-	20.55	0.09	0.14	9.77						
QP	1.892M	40.09	56.00	-15.91	9.98	Line	-	30.11	0.09	0.14	9.75						
AV	1.892M	30.31	46.00	-15.69	9.98	Line	-	20.33	0.09	0.14	9.75						
QP	2.306M	42.53	56.00	-13.47	9.98	Line	-	32.55	0.10	0.14	9.74						
AV	2.306M	33.11	46.00	-12.89	9.98	Line	-	23.13	0.10	0.14	9.74						
QP	2.589M	42.73	56.00	-13.27	9.99	Line	-	32.74	0.10	0.14	9.75						
AV	2.589M	32.49	46.00	-13.51	9.99	Line	-	22.50	0.10	0.14	9.75						
QP	2.805M	42.85	56.00	-13.15	10.00	Line	-	32.85	0.11	0.14	9.75						
AV	2.805M	32.52	46.00	-13.48	10.00	Line	-	22.52	0.11	0.14	9.75						
QP	2.976M	42.48	56.00	-13.52	10.00	Line	-	32.48	0.11	0.14	9.75						
AV	2.976M	32.55	46.00	-13.45	10.00	Line	-	22.55	0.11	0.14	9.75						
QP	3.246M	41.95	56.00	-14.05	10.01	Line	-	31.94	0.12	0.14	9.75						
AV	3.246M	32.52	46.00	-13.48	10.01	Line	-	22.51	0.12	0.14	9.75						

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	56.19	66.00	-9.81	10.06	Neutral	-	46.13	0.08	0.10	9.88						
AV	150k	44.28	56.00	-11.72	10.06	Neutral	-	34.22	0.08	0.10	9.88						
QP	510k	47.00	56.00	-9.00	10.11	Neutral	-	36.89	0.08	0.13	9.90						
AV	510k	35.82	46.00	-10.18	10.11	Neutral	-	25.71	0.08	0.13	9.90						
QP	523.5k	46.61	56.00	-9.39	10.11	Neutral	-	36.50	0.08	0.13	9.90						
AV	523.5k	32.32	46.00	-13.68	10.11	Neutral	-	22.21	0.08	0.13	9.90						
QP	568.5k	44.89	56.00	-11.11	10.11	Neutral	-	34.78	0.08	0.13	9.90						
AV	568.5k	32.48	46.00	-13.52	10.11	Neutral	-	22.37	0.08	0.13	9.90						
QP	582k	49.62	56.00	-6.38	10.11	Neutral	-	39.51	0.08	0.13	9.90						
AV	582k	41.14	46.00	-4.86	10.11	Neutral	"Worst"	31.03	0.08	0.13	9.90						
QP	1.959M	38.84	56.00	-17.16	9.99	Neutral	-	28.85	0.11	0.14	9.74						
AV	1.959M	29.31	46.00	-16.69	9.99	Neutral	-	19.32	0.11	0.14	9.74						
QP	2.171M	40.95	56.00	-15.05	10.00	Neutral	-	30.95	0.12	0.14	9.74						
AV	2.171M	30.69	46.00	-15.31	10.00	Neutral	-	20.69	0.12	0.14	9.74						
QP	2.337M	42.72	56.00	-13.28	10.00	Neutral	-	32.72	0.12	0.14	9.74						
AV	2.337M	32.78	46.00	-13.22	10.00	Neutral	-	22.78	0.12	0.14	9.74						
QP	2.508M	42.60	56.00	-13.40	10.02	Neutral	-	32.58	0.13	0.14	9.75						
AV	2.508M	33.09	46.00	-12.91	10.02	Neutral	-	23.07	0.13	0.14	9.75						
QP	2.913M	42.49	56.00	-13.51	10.03	Neutral	-	32.46	0.14	0.14	9.75						
AV	2.913M	32.39	46.00	-13.61	10.03	Neutral	-	22.36	0.14	0.14	9.75						
QP	3.048M	42.87	56.00	-13.13	10.03	Neutral	-	32.84	0.14	0.14	9.75						
AV	3.048M	32.40	46.00	-13.60	10.03	Neutral	-	22.37	0.14	0.14	9.75						
QP	3.291M	41.72	56.00	-14.28	10.04	Neutral	-	31.68	0.15	0.14	9.75						
AV	3.291M	32.21	46.00	-13.79	10.04	Neutral	-	22.17	0.15	0.14	9.75						

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	23.375M	19.18M	19M2D1D	22.44M	19.033M
802.11be EHT20_Nss2,(MCS0)_2TX	27.5M	19.145M	19M1D1D	22.11M	19.073M
802.11be EHT20_Nss1,(MCS0)_4TX	26.51M	19.196M	19M2D1D	22M	19.088M
802.11be EHT20_Nss4,(MCS0)_4TX	28.6M	19.212M	19M2D1D	22M	19.109M
802.11be EHT40_Nss1,(MCS0)_1TX	73.7M	38.198M	38M2D1D	47.08M	37.903M
802.11be EHT40_Nss2,(MCS0)_2TX	48.4M	37.915M	37M9D1D	41.58M	37.84M
802.11be EHT40_Nss1,(MCS0)_4TX	50.27M	37.939M	37M9D1D	42.68M	37.854M
802.11be EHT40_Nss4,(MCS0)_4TX	47.52M	37.974M	38M0D1D	42.35M	37.853M
802.11be EHT80_Nss1,(MCS0)_1TX	112.42M	77.508M	77M5D1D	81.84M	77.3M
802.11be EHT80_Nss2,(MCS0)_2TX	83.38M	77.415M	77M4D1D	82.06M	77.249M
802.11be EHT80_Nss1,(MCS0)_4TX	98.12M	77.466M	77M5D1D	81.84M	77.291M
802.11be EHT80_Nss4,(MCS0)_4TX	118.36M	77.618M	77M6D1D	84.26M	77.291M
802.11be EHT160_Nss1,(MCS0)_1TX	313.28M	173.29M	173MD1D	295.68M	158.19M
802.11be EHT160_Nss2,(MCS0)_2TX	197.12M	156.607M	157MD1D	163.24M	156.03M
802.11be EHT160_Nss1,(MCS0)_4TX	183.04M	156.708M	157MD1D	163.68M	156.208M
802.11be EHT160_Nss4,(MCS0)_4TX	197.56M	157.002M	157MD1D	190.96M	156.619M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.605M	19.174M	19M2D1D	22.33M	19.092M
802.11be EHT20_Nss2,(MCS0)_2TX	24.75M	19.214M	19M2D1D	22.385M	19.104M
802.11be EHT20_Nss1,(MCS0)_4TX	26.015M	19.169M	19M2D1D	22.22M	19.092M
802.11be EHT20_Nss4,(MCS0)_4TX	26.675M	19.206M	19M2D1D	22M	19.109M
802.11be EHT40_Nss1,(MCS0)_1TX	53.35M	38.11M	38M1D1D	41.69M	37.823M
802.11be EHT40_Nss2,(MCS0)_2TX	48.4M	37.929M	37M9D1D	42.46M	37.835M
802.11be EHT40_Nss1,(MCS0)_4TX	53.35M	37.985M	38M0D1D	41.25M	37.865M
802.11be EHT40_Nss4,(MCS0)_4TX	47.08M	37.946M	37M9D1D	41.69M	37.86M
802.11be EHT80_Nss1,(MCS0)_1TX	102.52M	77.616M	77M6D1D	97.68M	77.325M
802.11be EHT80_Nss2,(MCS0)_2TX	85.36M	77.357M	77M4D1D	81.62M	77.261M
802.11be EHT80_Nss1,(MCS0)_4TX	103.18M	77.386M	77M4D1D	83.16M	77.2M
802.11be EHT80_Nss4,(MCS0)_4TX	86.46M	77.516M	77M5D1D	84.04M	77.285M
802.11be EHT160_Nss1,(MCS0)_1TX	305.36M	157.395M	157MD1D	305.36M	157.395M
802.11be EHT160_Nss2,(MCS0)_2TX	168.08M	156.587M	157MD1D	167.2M	156.478M
802.11be EHT160_Nss1,(MCS0)_4TX	176.88M	156.556M	157MD1D	163.24M	156.247M
802.11be EHT160_Nss4,(MCS0)_4TX	205.92M	157.693M	158MD1D	194.48M	157.234M

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

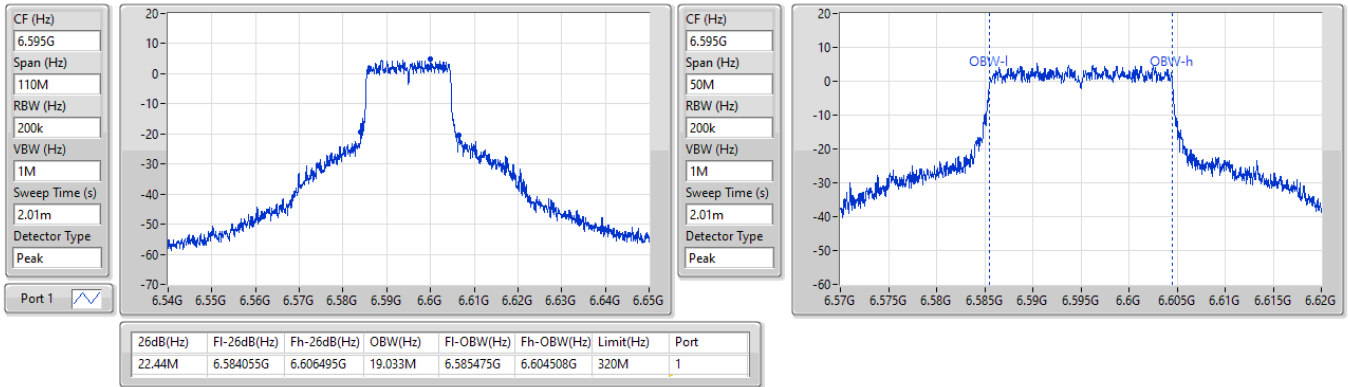
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	22.44M	19.033M						
6695MHz	Pass	320M	23.375M	19.176M						
6875MHz	Pass	320M	23.265M	19.18M						
6895MHz	Pass	320M	22.33M	19.174M						
6995MHz	Pass	320M	22.495M	19.092M						
7095MHz	Pass	320M	22.605M	19.109M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	47.08M	37.987M						
6685MHz	Pass	320M	73.7M	38.198M						
6885MHz	Pass	320M	47.3M	37.903M						
6925MHz	Pass	320M	47.96M	38.11M						
7005MHz	Pass	320M	41.69M	37.823M						
7085MHz	Pass	320M	53.35M	37.89M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	112.42M	77.508M						
6705MHz	Pass	320M	81.84M	77.3M						
6785MHz	Pass	320M	96.58M	77.397M						
6865MHz	Pass	320M	106.48M	77.435M						
6945MHz	Pass	320M	102.52M	77.616M						
7025MHz	Pass	320M	97.68M	77.325M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	313.28M	173.29M						
6825MHz	Pass	320M	295.68M	158.19M						
6985MHz	Pass	320M	305.36M	157.395M						
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	22.715M	19.122M	23.265M	19.145M				
6695MHz	Pass	320M	24.475M	19.117M	27.5M	19.139M				
6875MHz	Pass	320M	22.11M	19.073M	22.44M	19.096M				
6895MHz	Pass	320M	22.385M	19.113M	22.715M	19.214M				
6995MHz	Pass	320M	22.605M	19.121M	24.75M	19.106M				
7095MHz	Pass	320M	22.66M	19.124M	23.595M	19.104M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	42.79M	37.86M	43.23M	37.84M				
6685MHz	Pass	320M	41.58M	37.866M	42.46M	37.881M				
6885MHz	Pass	320M	42.68M	37.872M	48.4M	37.915M				
6925MHz	Pass	320M	45.32M	37.929M	43.45M	37.835M				
7005MHz	Pass	320M	42.46M	37.899M	48.4M	37.911M				
7085MHz	Pass	320M	42.68M	37.895M	48.07M	37.846M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	82.94M	77.249M	82.5M	77.315M				
6705MHz	Pass	320M	82.94M	77.415M	82.06M	77.34M				
6785MHz	Pass	320M	82.5M	77.334M	82.06M	77.316M				
6865MHz	Pass	320M	82.5M	77.374M	83.38M	77.343M				
6945MHz	Pass	320M	81.62M	77.357M	81.62M	77.328M				
7025MHz	Pass	320M	85.36M	77.332M	81.62M	77.261M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	163.24M	156.362M	164.56M	156.03M				
6825MHz	Pass	320M	197.12M	156.607M	164.56M	156.577M				
6985MHz	Pass	320M	167.2M	156.587M	168.08M	156.478M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	23.32M	19.119M	23.815M	19.089M	23.155M	19.159M	22M	19.088M
6695MHz	Pass	320M	26.51M	19.153M	23.155M	19.102M	22.44M	19.172M	22.055M	19.101M
6875MHz	Pass	320M	23.045M	19.196M	22.55M	19.177M	23.155M	19.18M	22.88M	19.185M
6895MHz	Pass	320M	24.75M	19.131M	22.55M	19.132M	22.22M	19.134M	22.495M	19.136M

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)
6995MHz	Pass	320M	23.21M	19.116M	23.815M	19.169M	22.88M	19.092M	22.66M	19.129M
7095MHz	Pass	320M	26.015M	19.158M	22.275M	19.1M	23.32M	19.165M	24.42M	19.146M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	46.42M	37.891M	42.68M	37.858M	50.27M	37.875M	43.23M	37.865M
6685MHz	Pass	320M	43.01M	37.93M	47.41M	37.854M	47.3M	37.871M	44.44M	37.925M
6885MHz	Pass	320M	47.85M	37.857M	47.19M	37.939M	47.52M	37.908M	42.79M	37.885M
6925MHz	Pass	320M	47.19M	37.879M	43.34M	37.888M	47.52M	37.932M	41.8M	37.951M
7005MHz	Pass	320M	41.25M	37.865M	45.76M	37.882M	41.25M	37.925M	43.23M	37.906M
7085MHz	Pass	320M	47.85M	37.954M	47.19M	37.985M	53.35M	37.915M	47.52M	37.954M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	83.6M	77.309M	82.94M	77.324M	83.16M	77.38M	86.46M	77.329M
6705MHz	Pass	320M	83.38M	77.386M	96.36M	77.378M	83.6M	77.299M	97.68M	77.321M
6785MHz	Pass	320M	81.84M	77.466M	96.58M	77.291M	82.72M	77.414M	85.58M	77.413M
6865MHz	Pass	320M	86.46M	77.429M	97.46M	77.411M	98.12M	77.432M	89.98M	77.409M
6945MHz	Pass	320M	83.16M	77.2M	85.58M	77.207M	103.18M	77.386M	96.8M	77.332M
7025MHz	Pass	320M	86.46M	77.355M	97.02M	77.372M	97.02M	77.338M	97.02M	77.376M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	182.6M	156.208M	177.32M	156.453M	183.04M	156.262M	173.8M	156.309M
6825MHz	Pass	320M	170.72M	156.365M	171.16M	156.363M	164.56M	156.606M	163.68M	156.708M
6985MHz	Pass	320M	163.24M	156.556M	169.4M	156.247M	176.88M	156.308M	172.92M	156.341M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	24.09M	19.165M	23.87M	19.109M	22.605M	19.185M	22.715M	19.126M
6695MHz	Pass	320M	22.935M	19.212M	22.275M	19.159M	22M	19.162M	22.935M	19.154M
6875MHz	Pass	320M	22.935M	19.172M	23.65M	19.149M	28.6M	19.165M	26.73M	19.11M
6895MHz	Pass	320M	22.33M	19.148M	23.925M	19.13M	22M	19.149M	24.475M	19.109M
6995MHz	Pass	320M	22.44M	19.188M	23.65M	19.109M	22.33M	19.206M	22.385M	19.169M
7095MHz	Pass	320M	26.675M	19.181M	22.165M	19.135M	22.495M	19.178M	24.53M	19.162M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	44.22M	37.925M	43.12M	37.853M	43.34M	37.948M	42.57M	37.94M
6685MHz	Pass	320M	47.52M	37.974M	45.21M	37.916M	42.79M	37.917M	43.45M	37.935M
6885MHz	Pass	320M	44M	37.936M	43.12M	37.867M	42.79M	37.939M	42.35M	37.959M
6925MHz	Pass	320M	43.23M	37.924M	43.01M	37.927M	43.34M	37.872M	45.43M	37.86M
7005MHz	Pass	320M	42.02M	37.892M	41.69M	37.939M	43.23M	37.909M	42.02M	37.946M
7085MHz	Pass	320M	42.9M	37.916M	42.9M	37.943M	47.08M	37.897M	43.23M	37.93M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	85.8M	77.345M	84.92M	77.291M	85.14M	77.415M	115.06M	77.426M
6705MHz	Pass	320M	86.02M	77.411M	84.7M	77.398M	84.7M	77.532M	84.26M	77.373M
6785MHz	Pass	320M	98.12M	77.401M	118.36M	77.477M	86.02M	77.498M	103.18M	77.408M
6865MHz	Pass	320M	85.58M	77.428M	85.58M	77.44M	86.9M	77.415M	86.24M	77.618M
6945MHz	Pass	320M	86.02M	77.48M	86.24M	77.285M	85.14M	77.387M	84.26M	77.482M
7025MHz	Pass	320M	86.46M	77.431M	85.36M	77.398M	84.04M	77.516M	86.24M	77.479M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	192.28M	156.619M	194.48M	156.782M	191.4M	156.755M	194.04M	156.785M
6825MHz	Pass	320M	193.16M	156.929M	197.56M	156.996M	191.4M	156.961M	190.96M	157.002M
6985MHz	Pass	320M	205.92M	157.234M	198.44M	157.319M	198M	157.236M	194.48M	157.693M

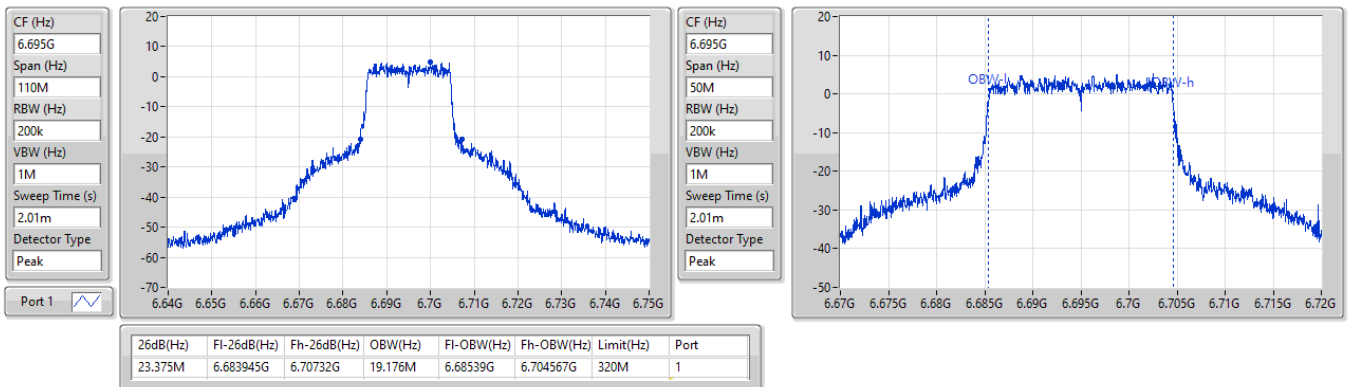
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

22/12/2025


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

22/12/2025

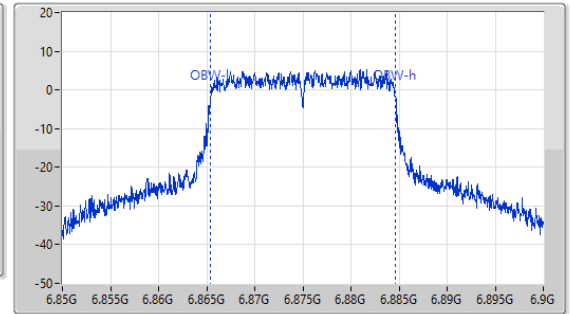
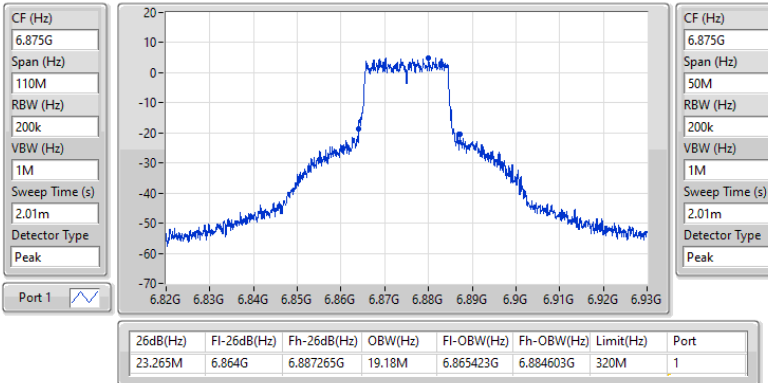


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6875MHz

22/12/2025

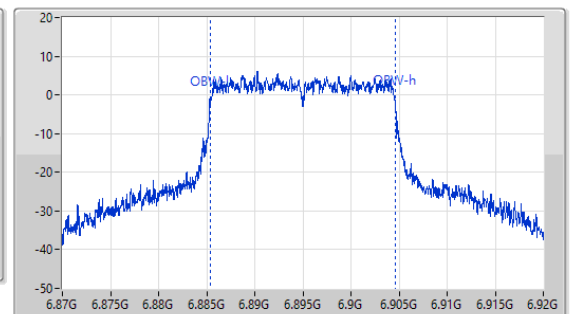
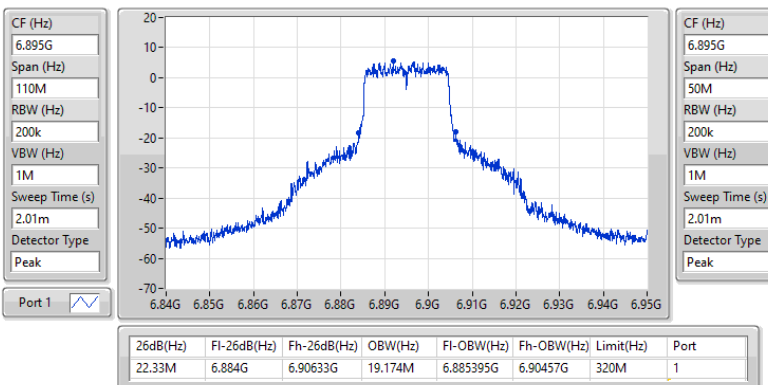


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

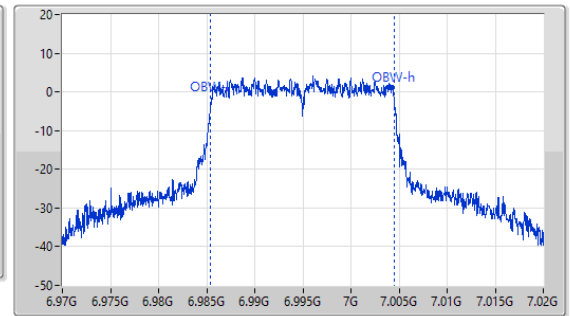
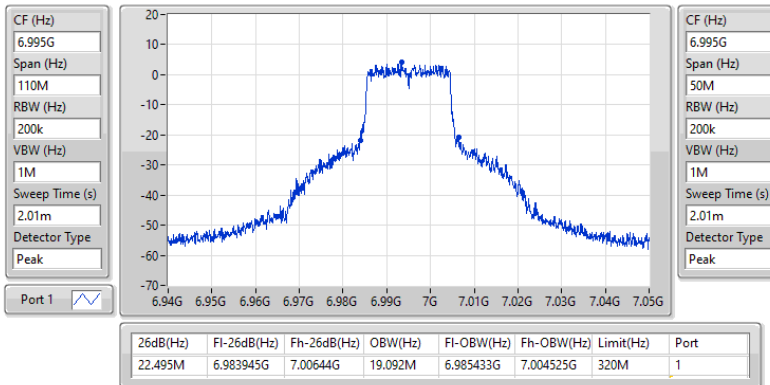
6895MHz

22/12/2025

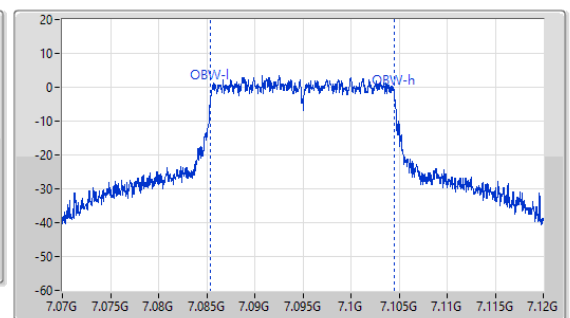
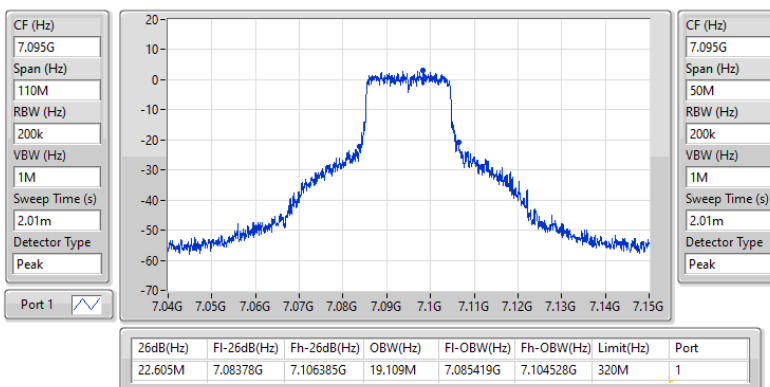


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6995MHz

22/12/2025

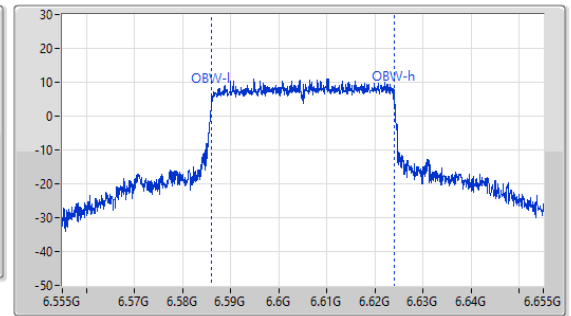
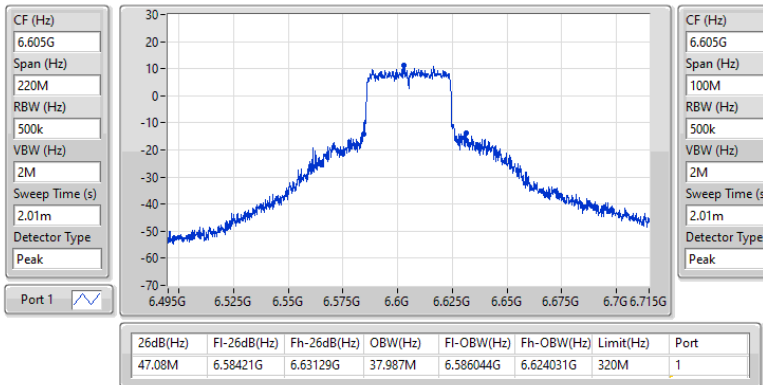

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
7095MHz

22/12/2025

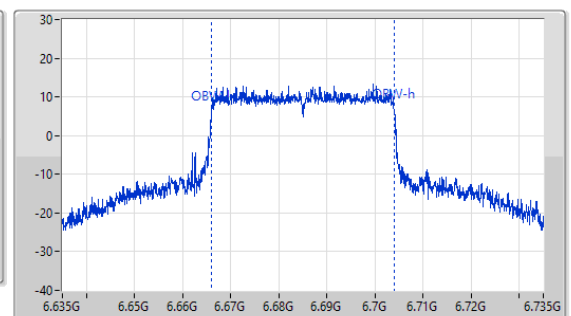
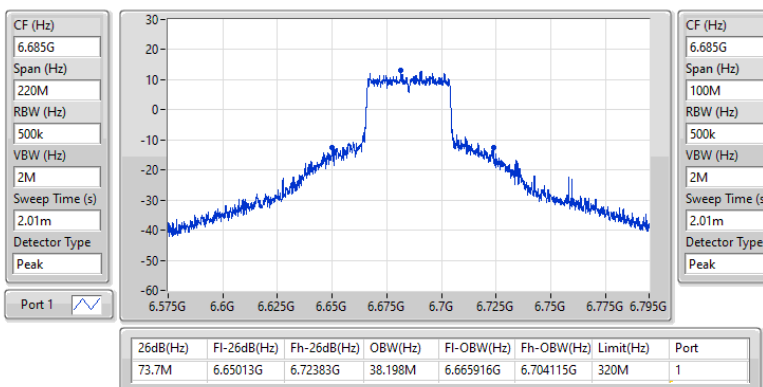


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6605MHz

22/12/2025


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

22/12/2025

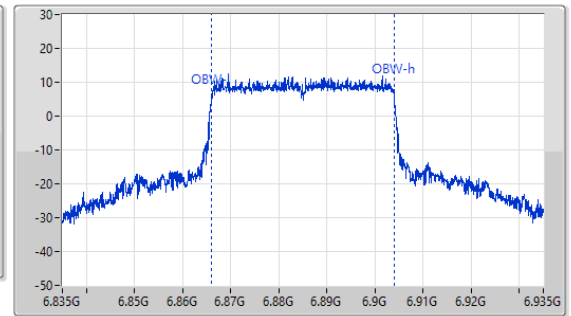
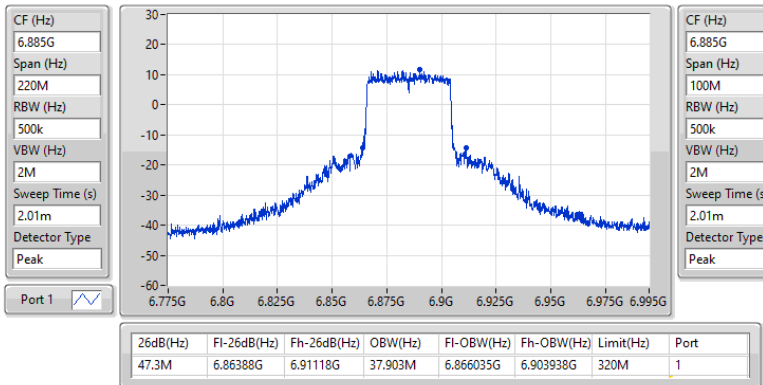


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6885MHz

22/12/2025

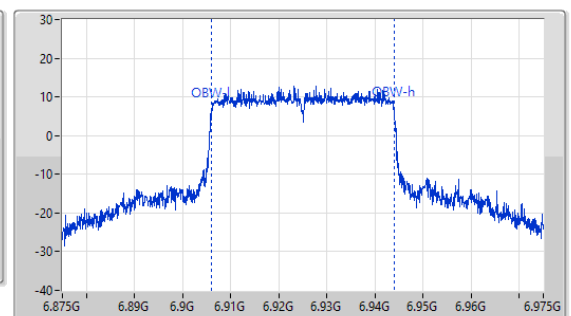
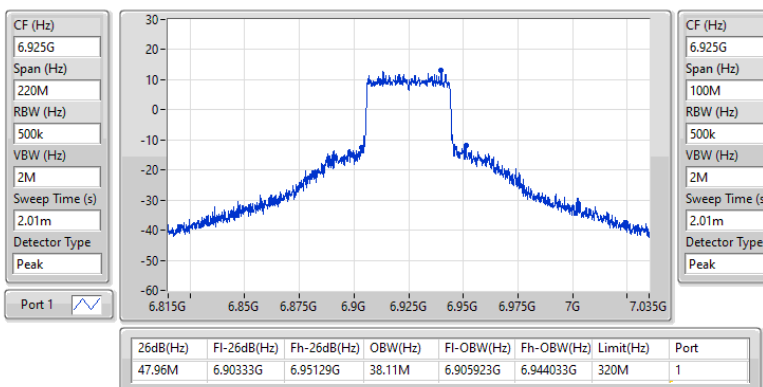


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

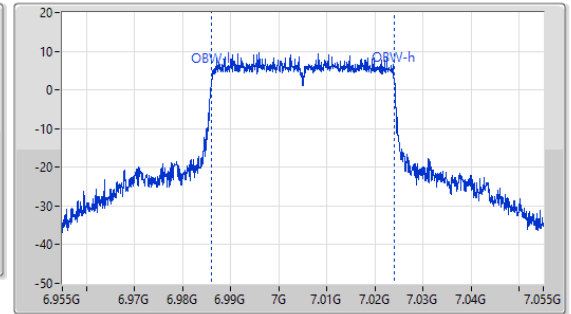
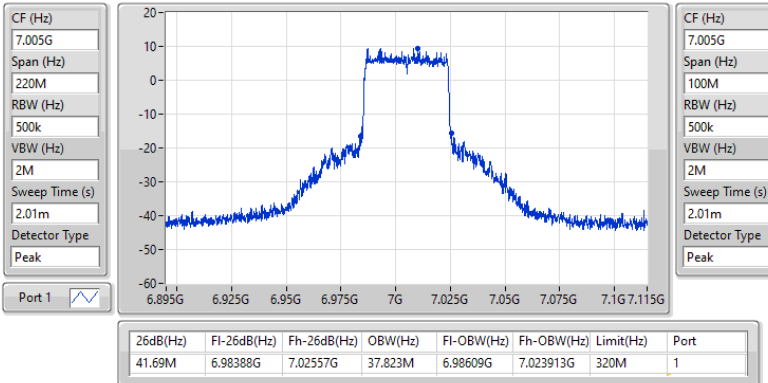
6925MHz

22/12/2025

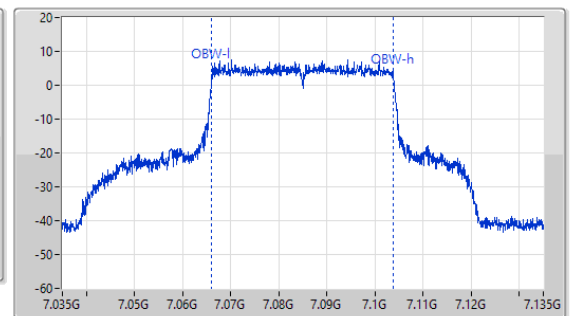
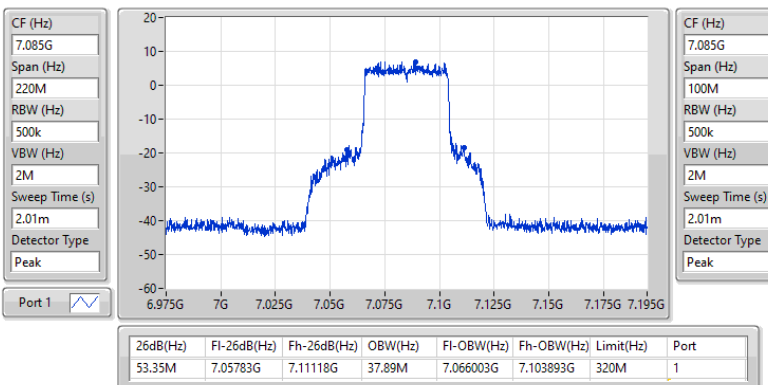


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
7005MHz

22/12/2025

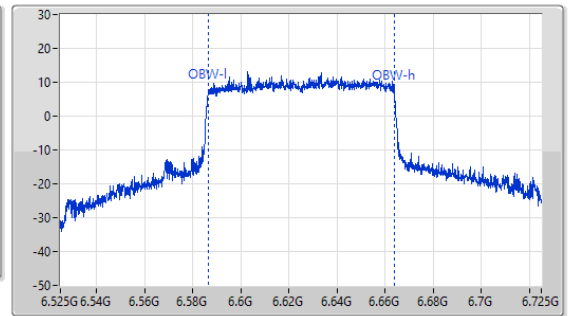
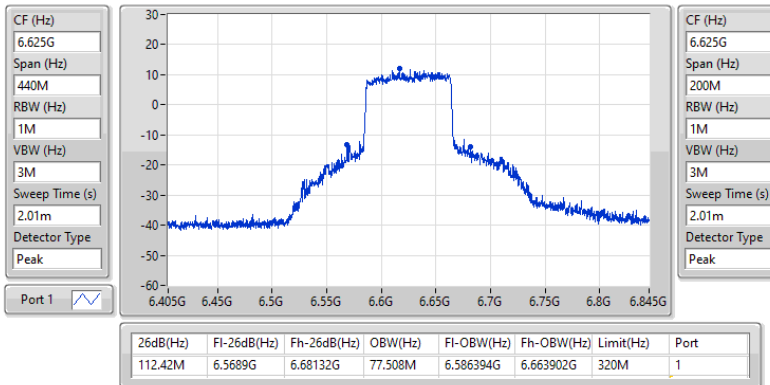

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
7085MHz

22/12/2025

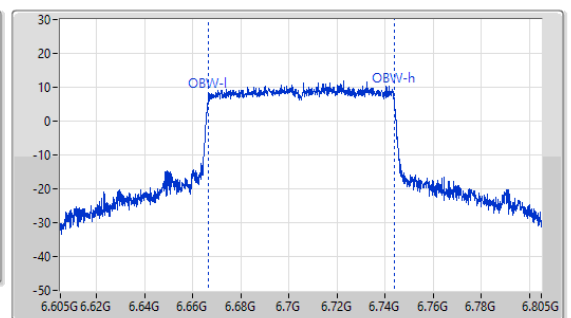
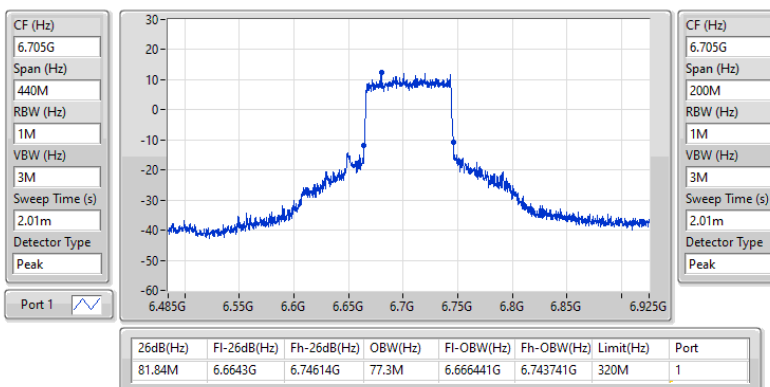


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

22/12/2025


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

22/12/2025

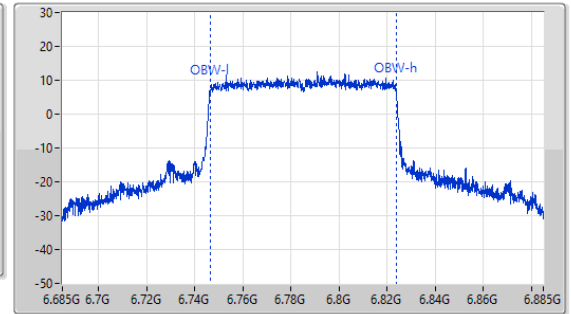
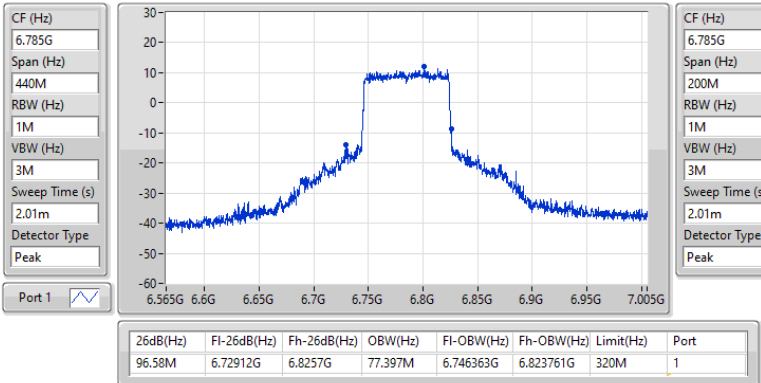


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6785MHz

22/12/2025

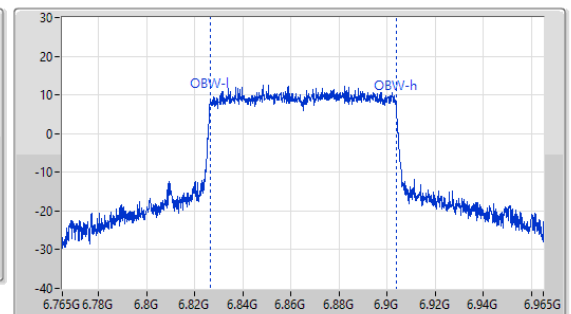
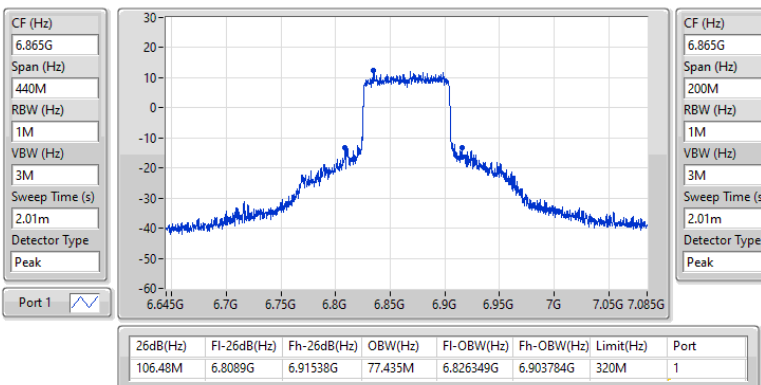


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

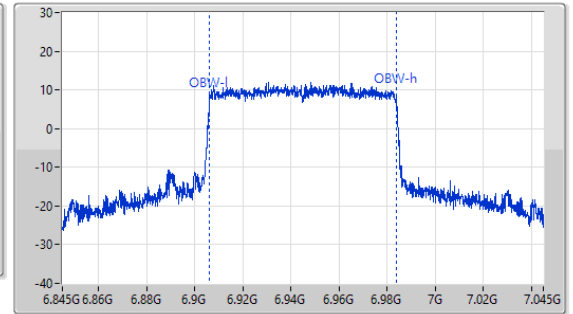
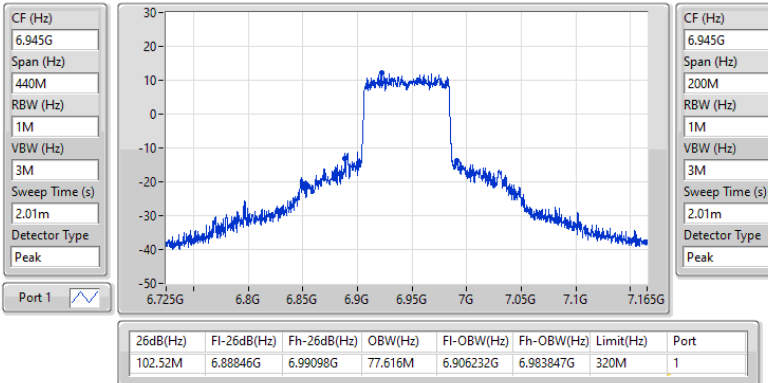
6865MHz

22/12/2025

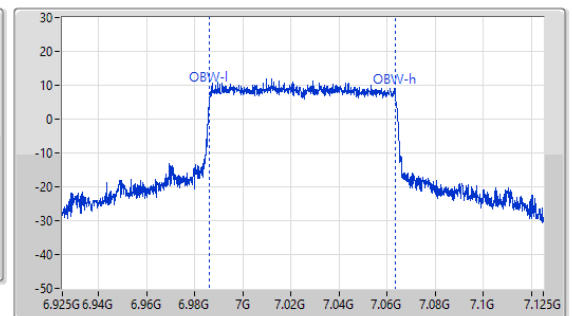
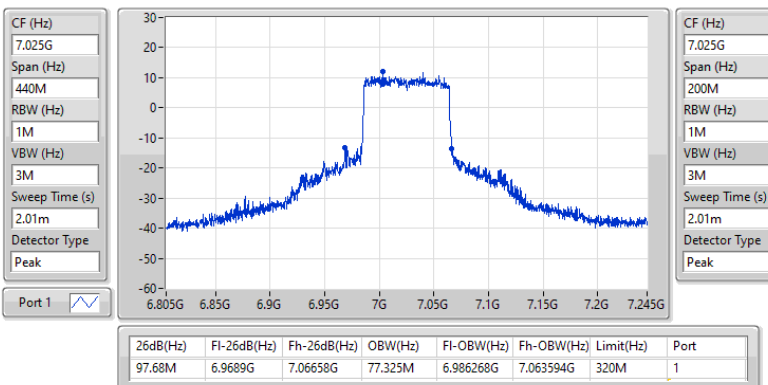


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6945MHz

22/12/2025


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

22/12/2025

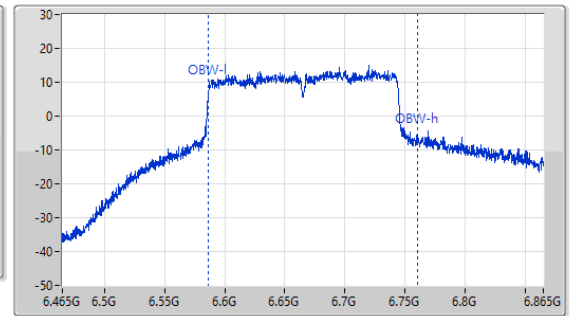
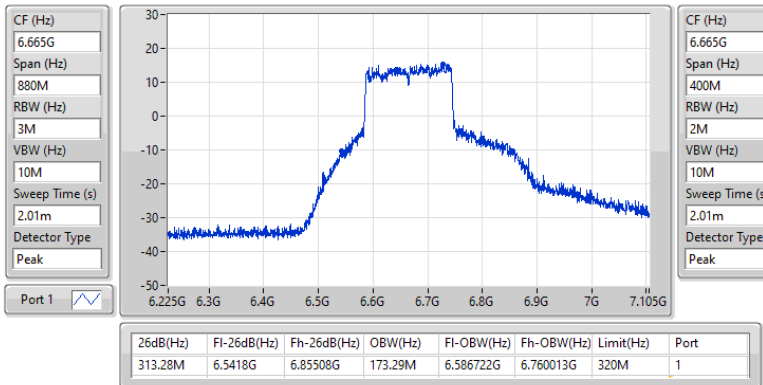


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

22/12/2025

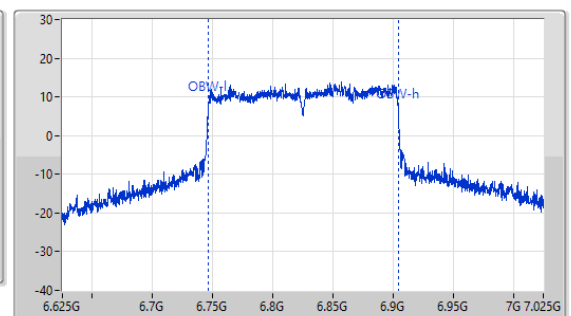
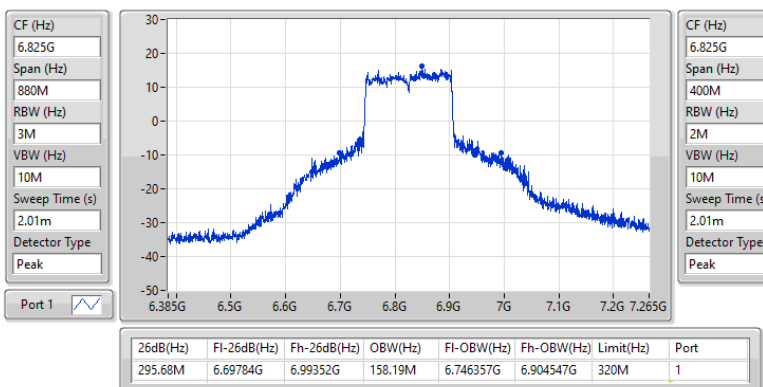


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

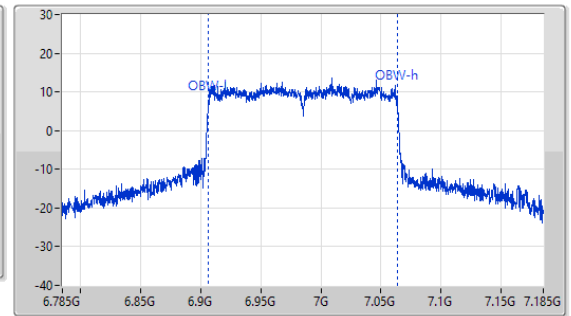
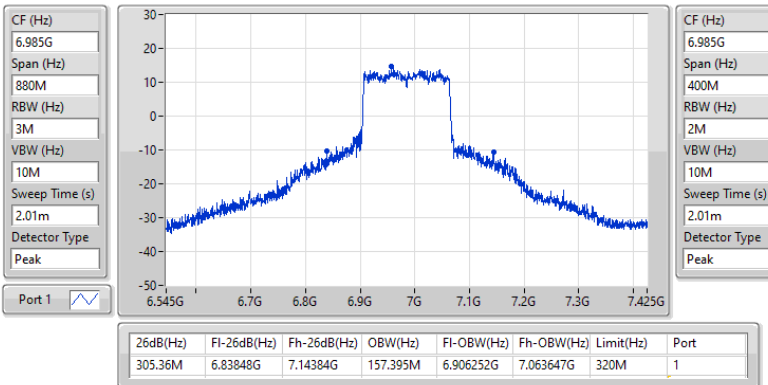
6825MHz

22/12/2025

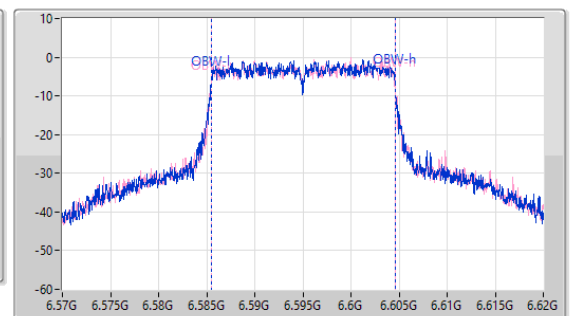
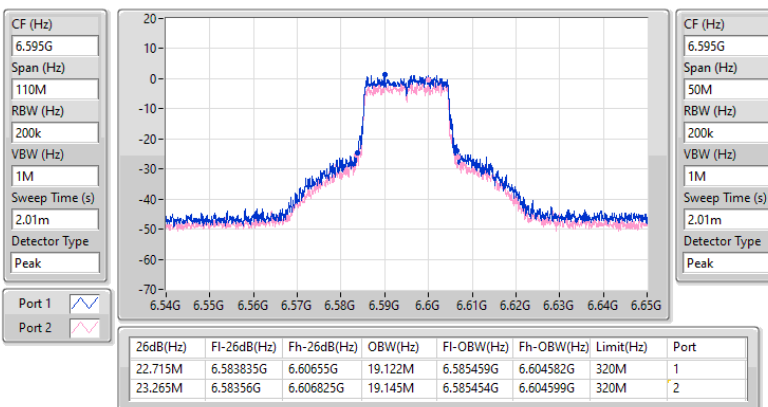


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6985MHz

22/12/2025


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6595MHz

22/12/2025

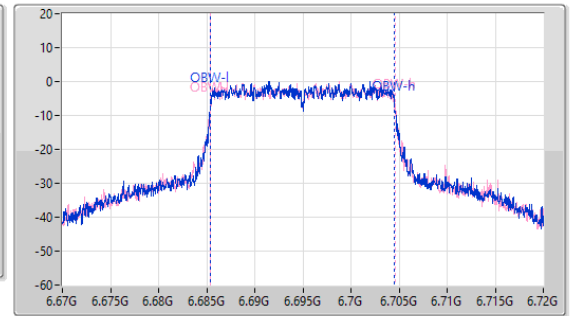
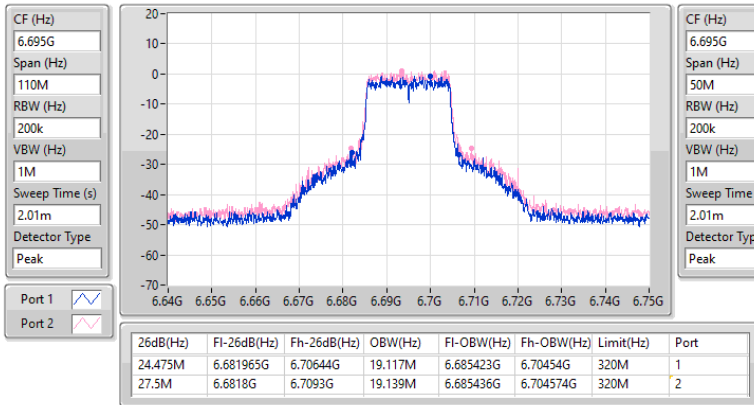


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6695MHz

22/12/2025

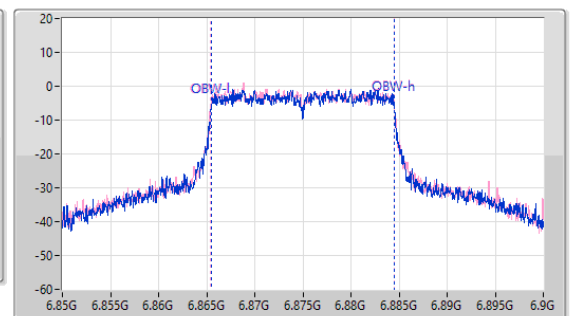
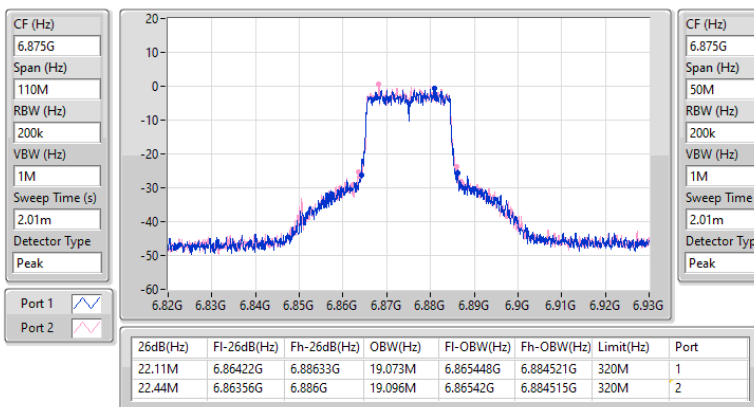


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6875MHz

22/12/2025

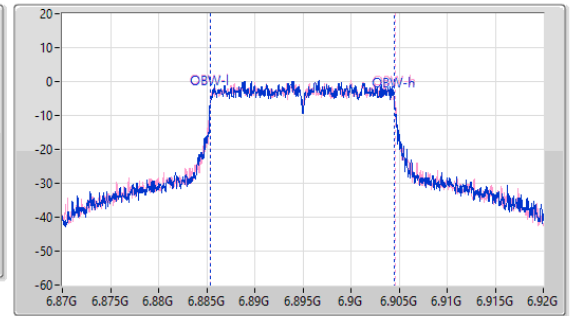
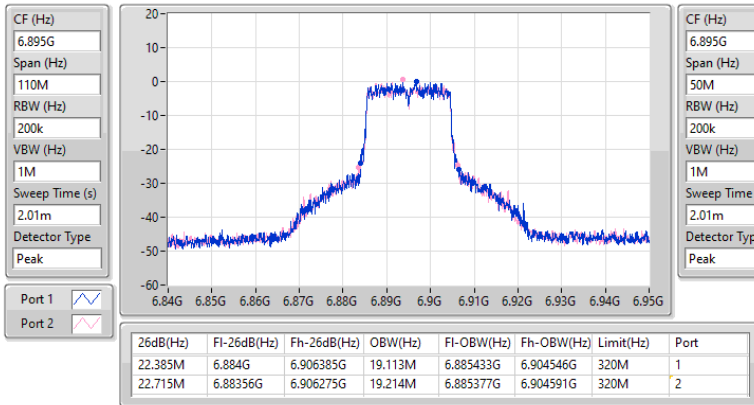


6.875-7.125GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6895MHz

22/12/2025

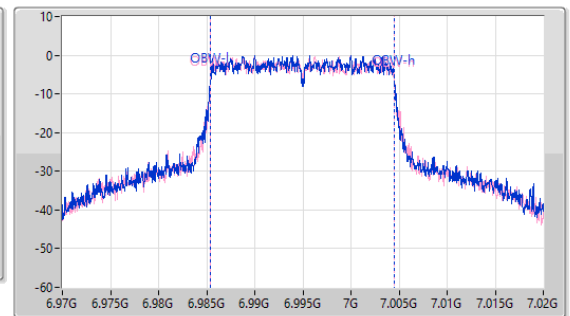
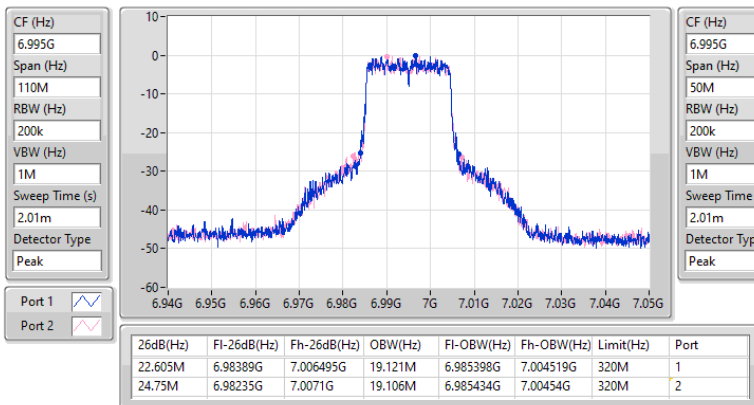


6.875-7.125GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6995MHz

22/12/2025

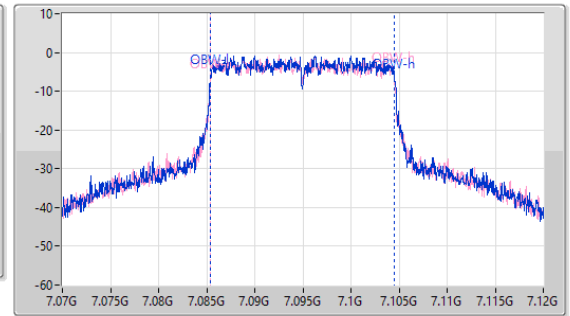
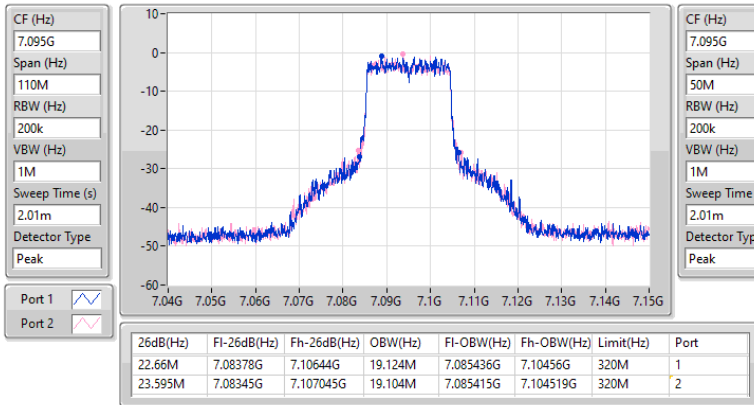


6.875-7.125GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

7095MHz

22/12/2025

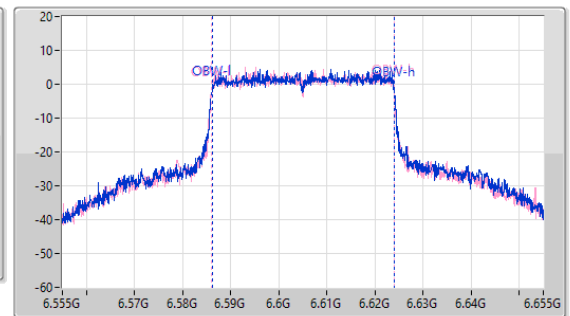
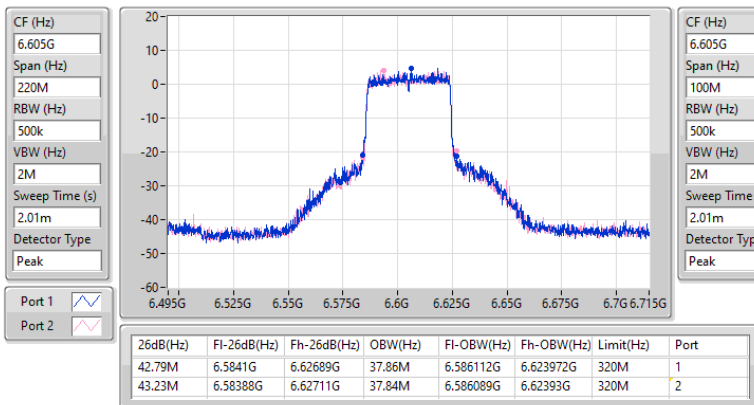


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6605MHz

22/12/2025

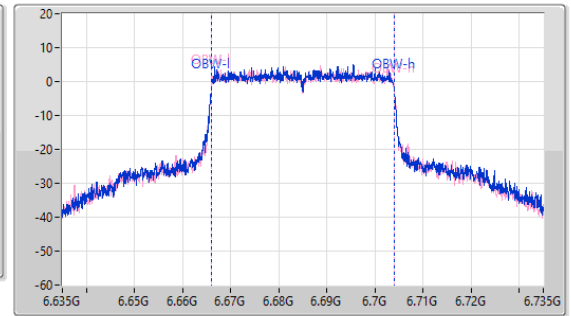
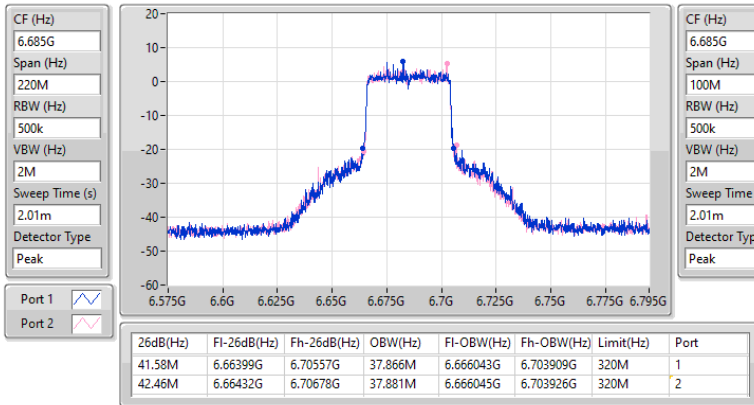


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6685MHz

22/12/2025

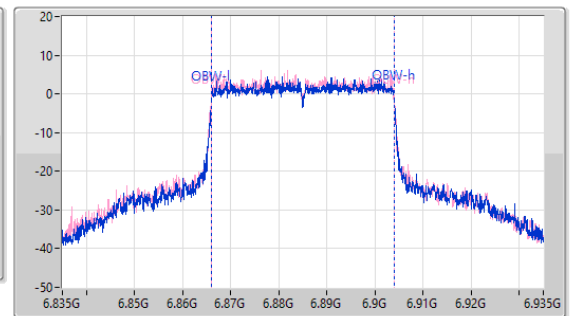
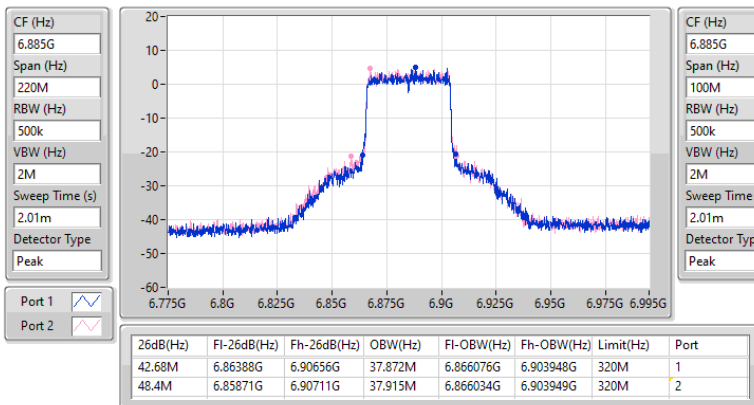


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6885MHz

22/12/2025

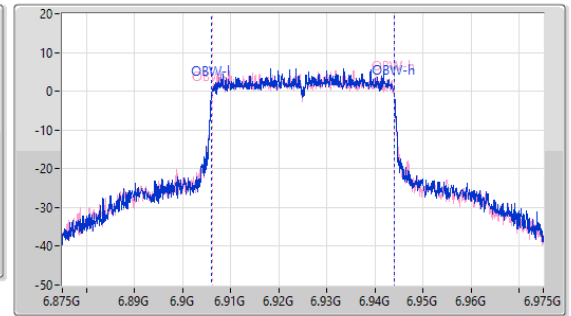
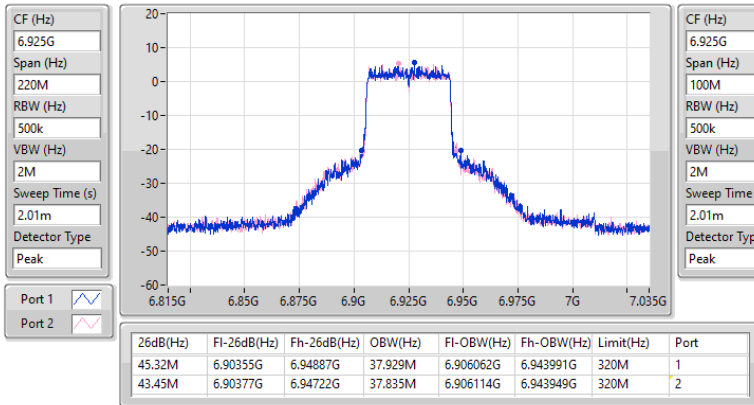


6.875-7.125GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6925MHz

22/12/2025

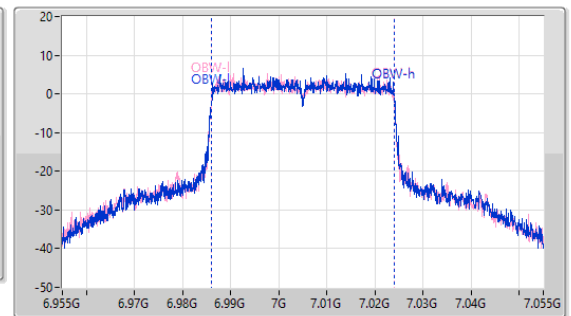
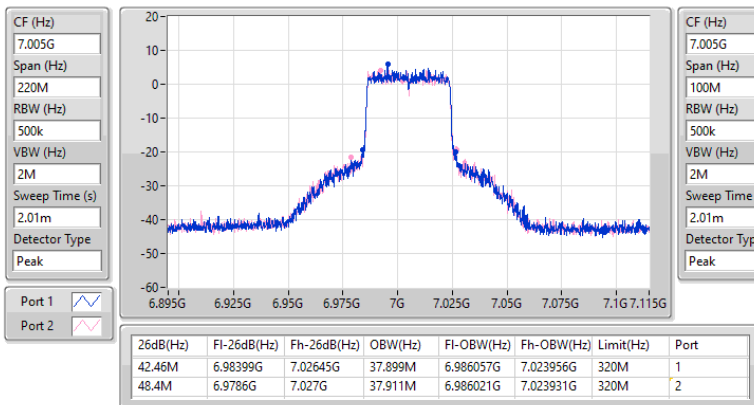


6.875-7.125GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

7005MHz

22/12/2025

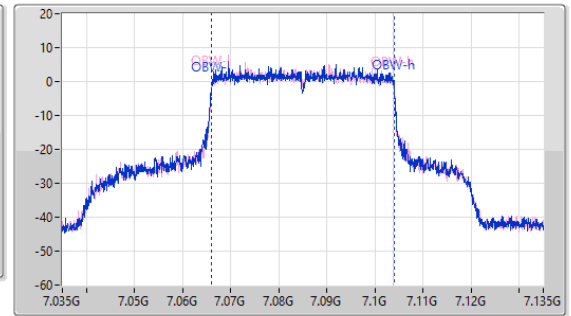
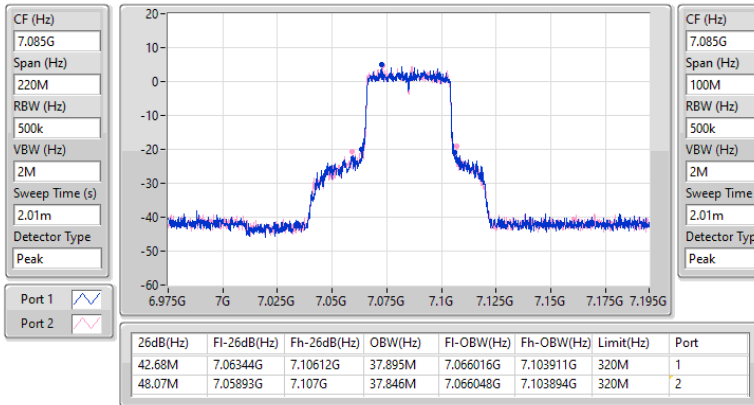


6.875-7.125GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

7085MHz

22/12/2025

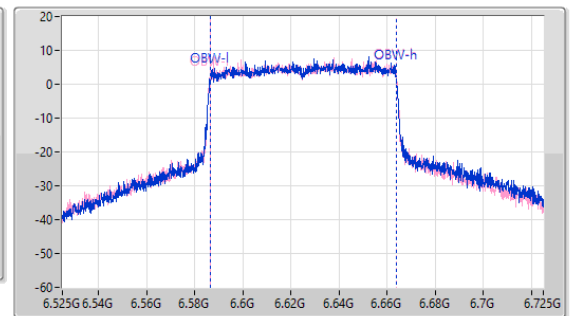
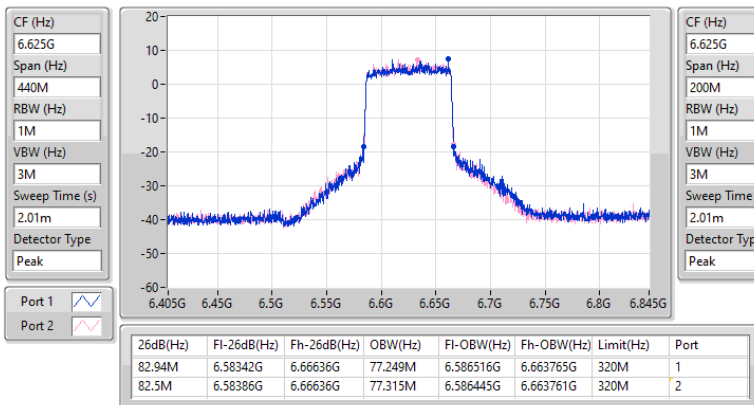


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6625MHz

23/12/2025

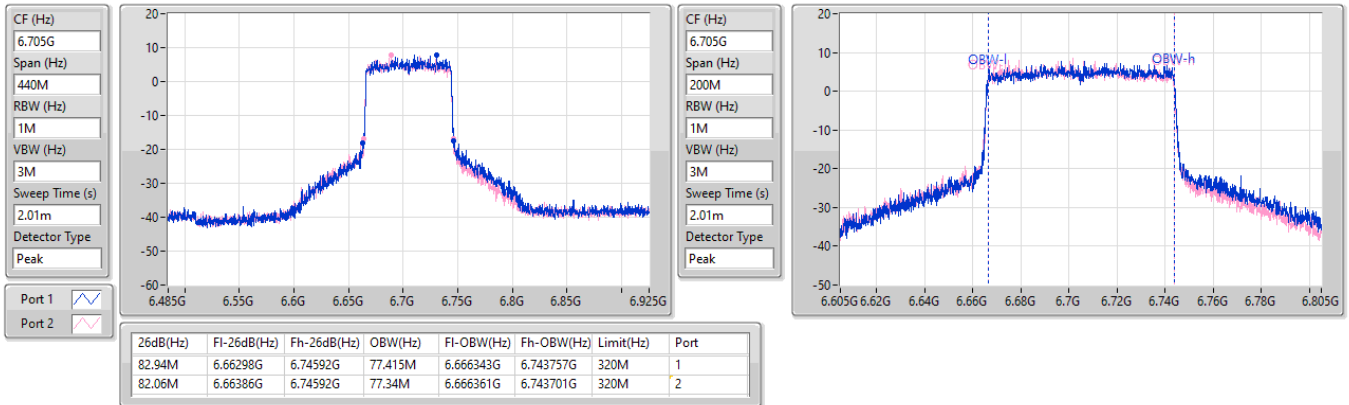


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6705MHz

23/12/2025

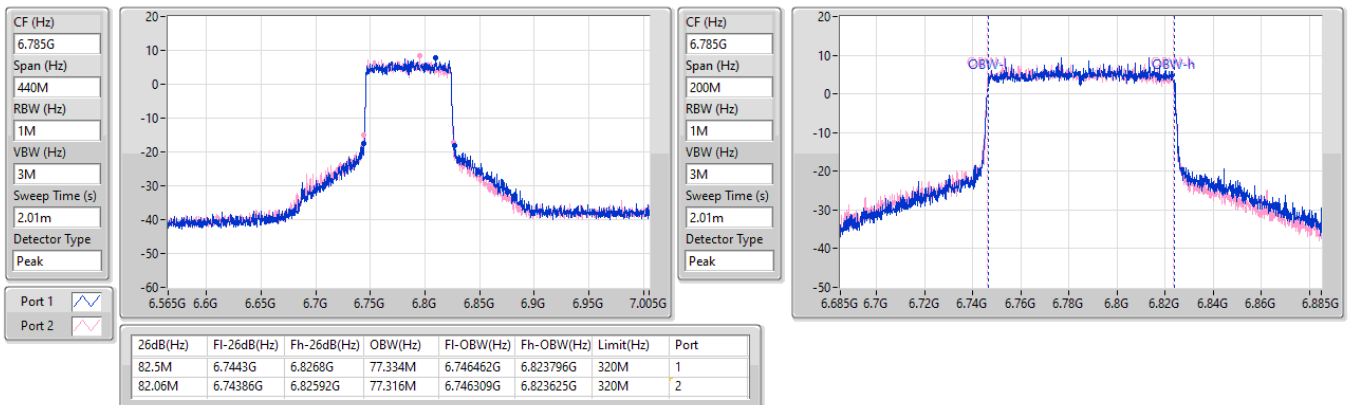


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6785MHz

23/12/2025

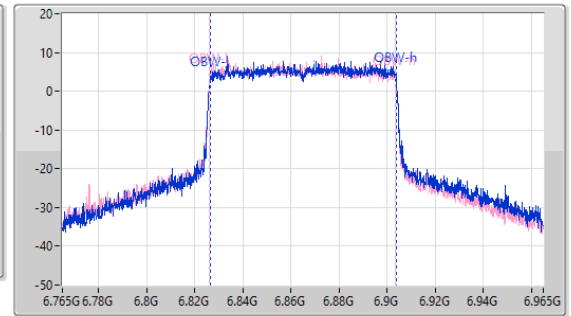
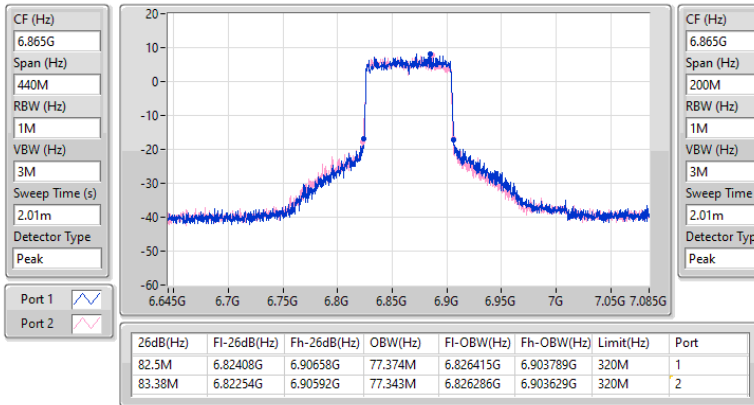


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6865MHz

23/12/2025

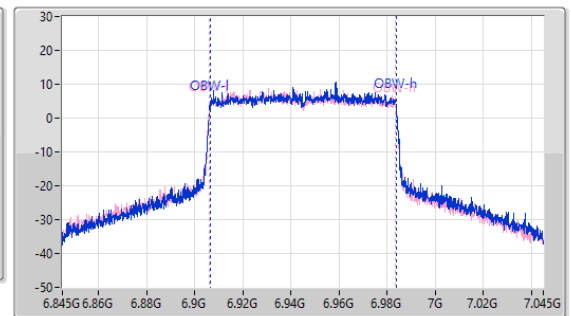
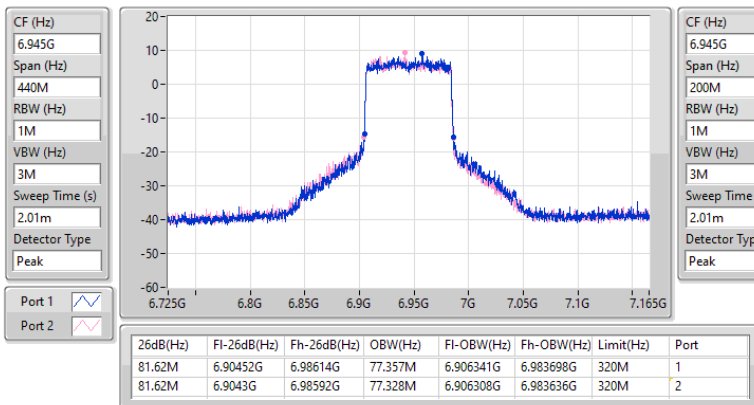


6.875-7.125GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6945MHz

23/12/2025

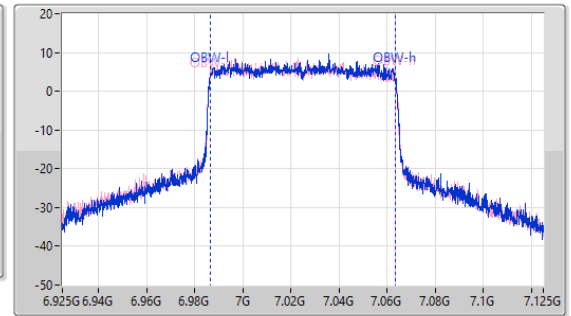
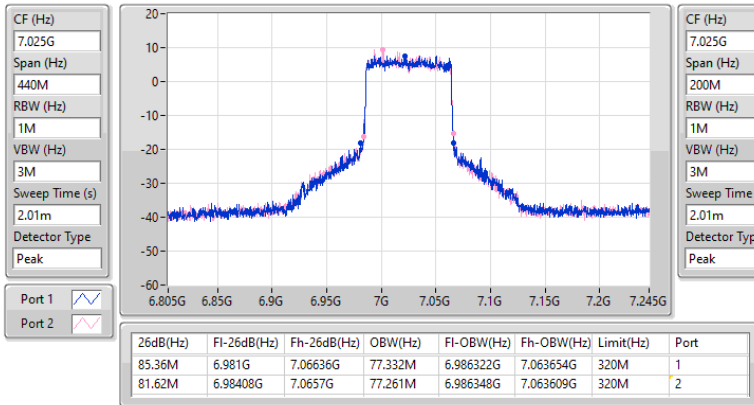


6.875-7.125GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

7025MHz

23/12/2025

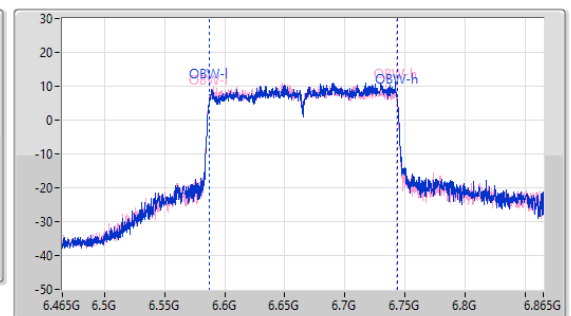
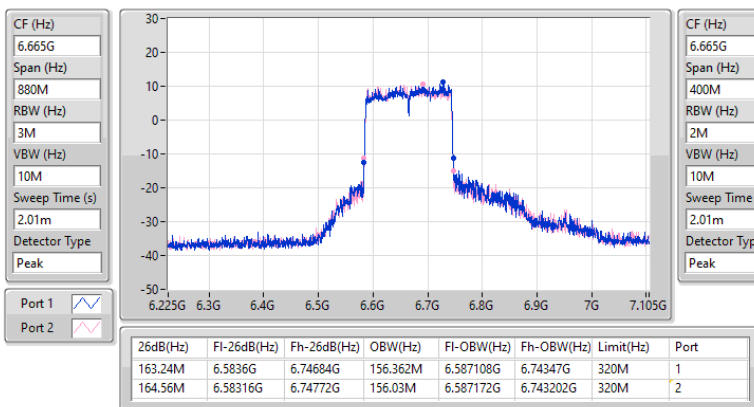


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

23/12/2025

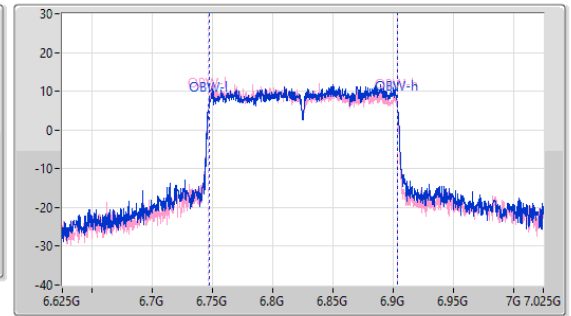
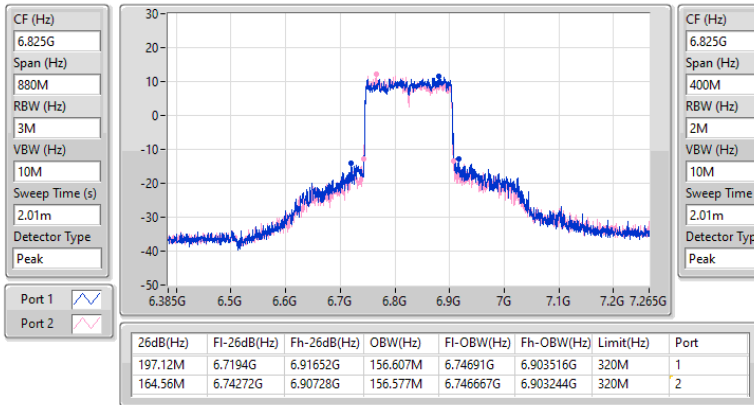


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6825MHz

23/12/2025

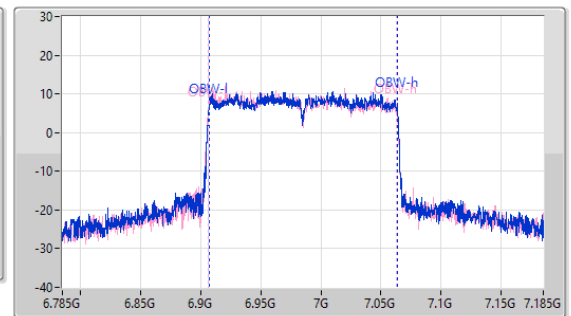
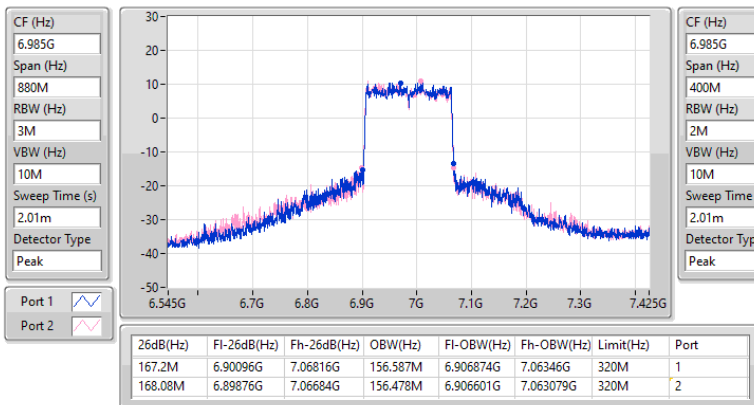


6.875-7.125GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6985MHz

23/12/2025

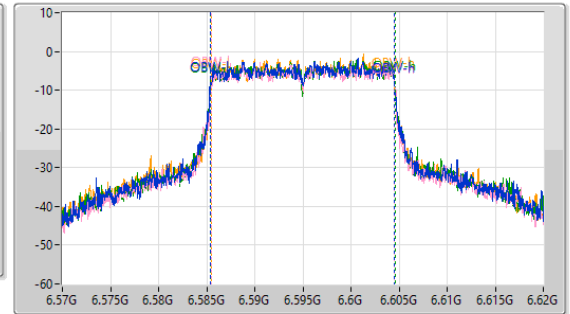
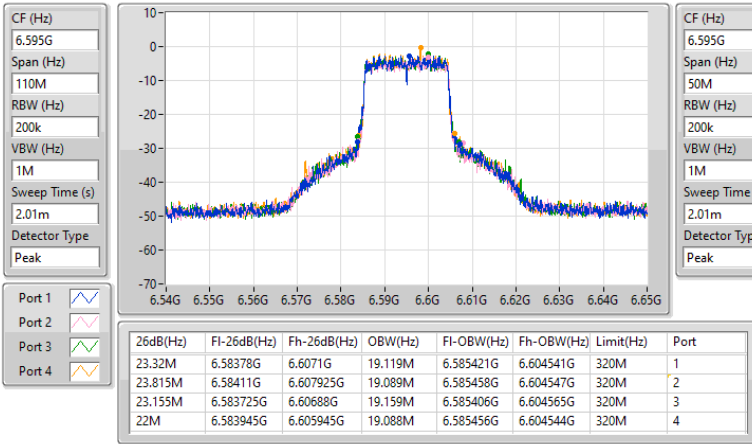


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6595MHz

23/12/2025

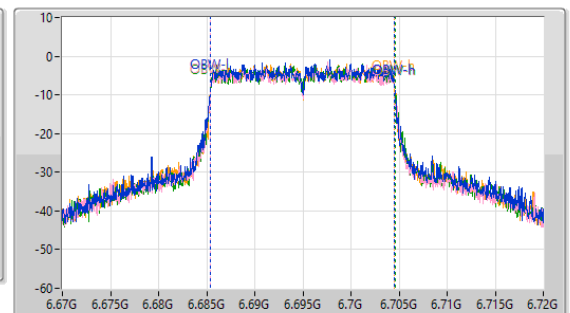
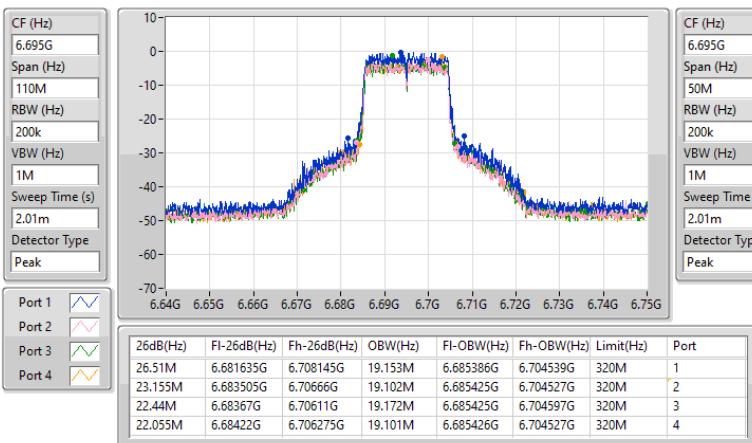


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

23/12/2025

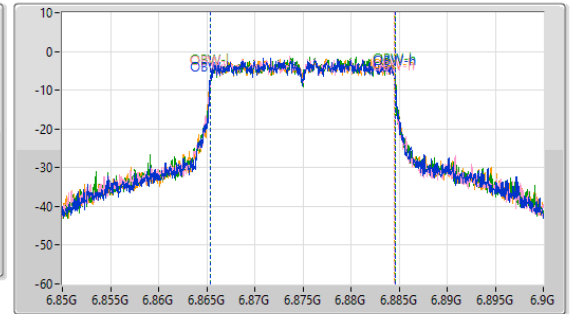
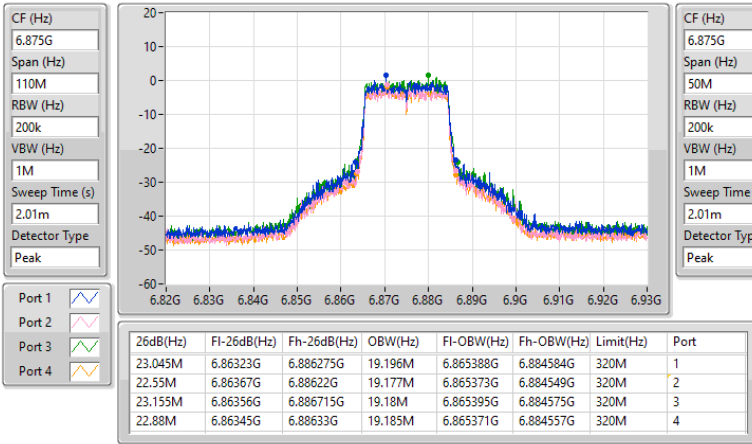


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6875MHz

23/12/2025

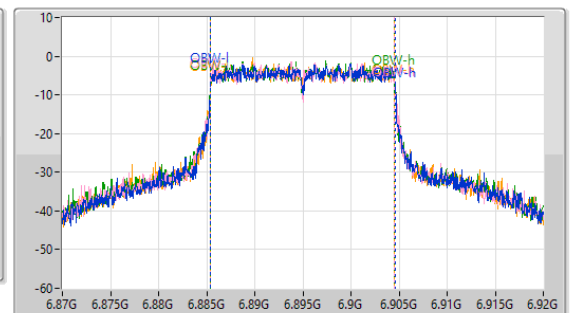
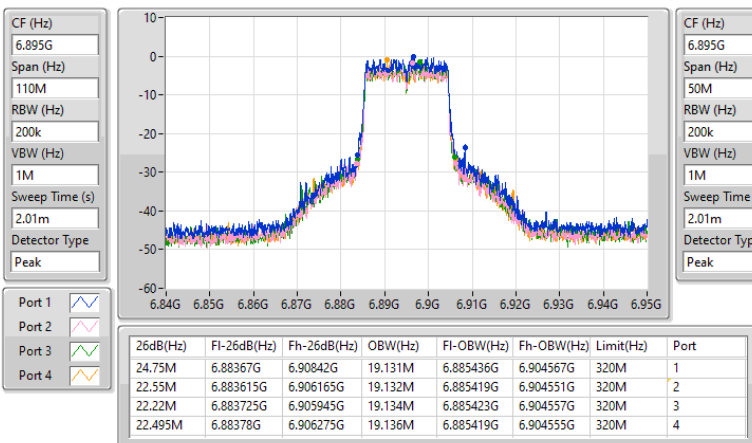


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6895MHz

23/12/2025

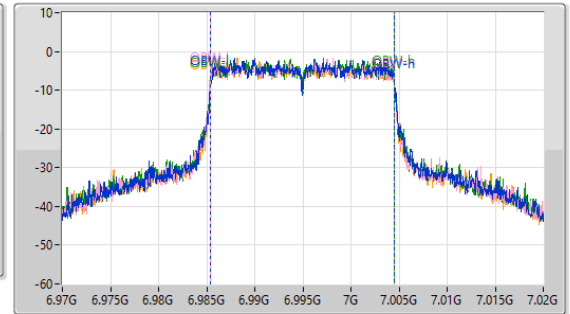
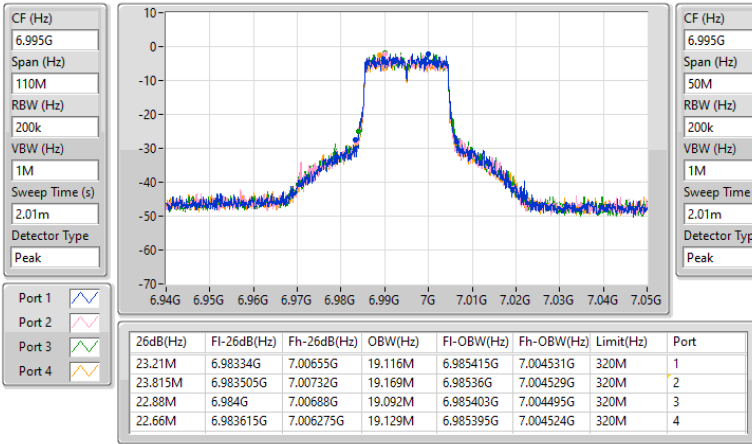


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6995MHz

23/12/2025

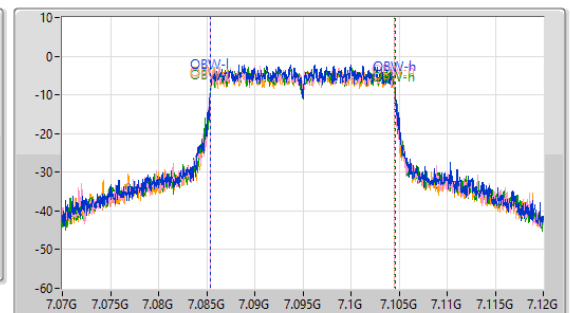
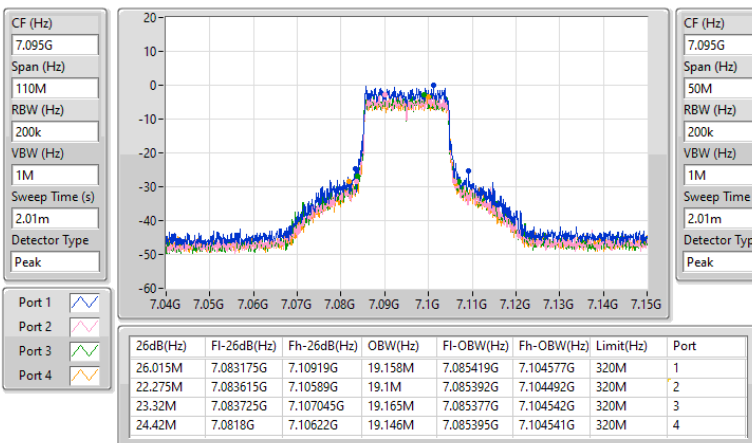


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

7095MHz

23/12/2025

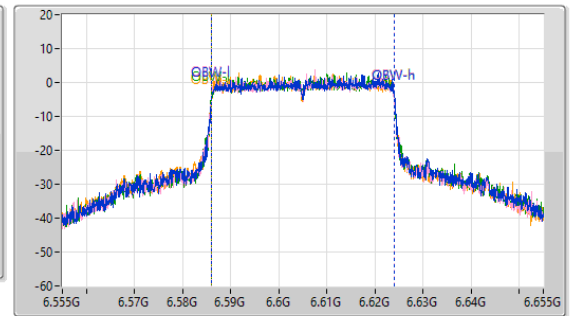
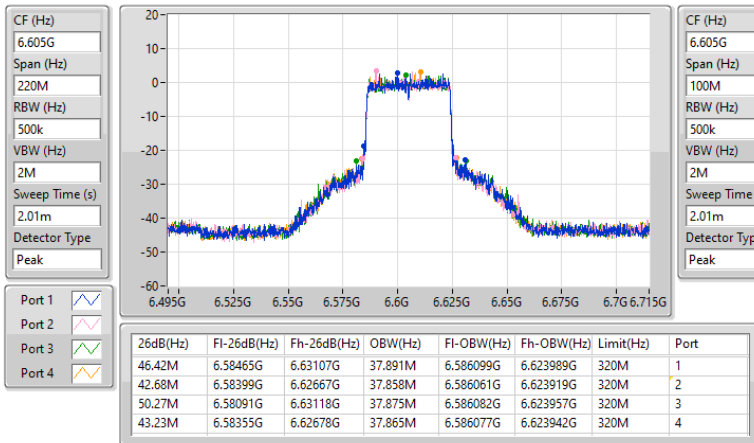


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6605MHz

23/12/2025

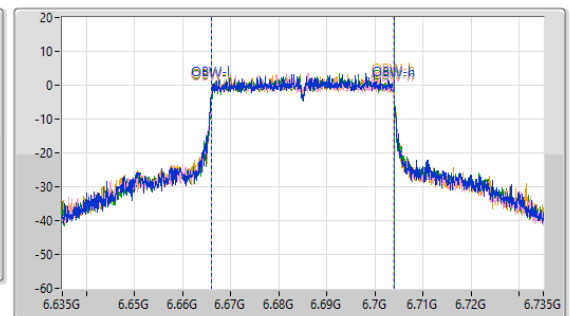
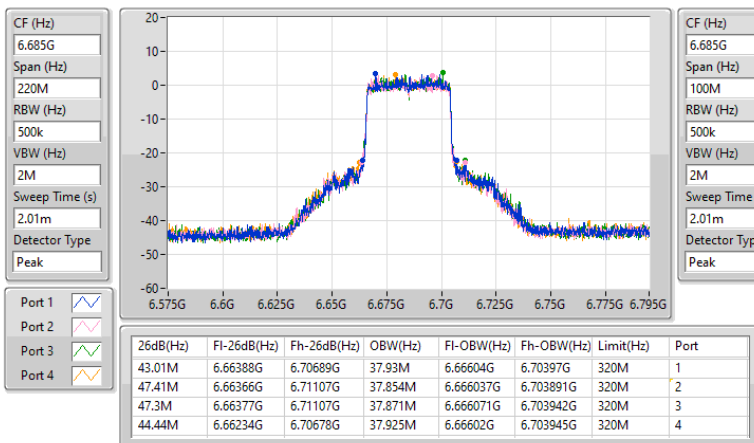


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

23/12/2025

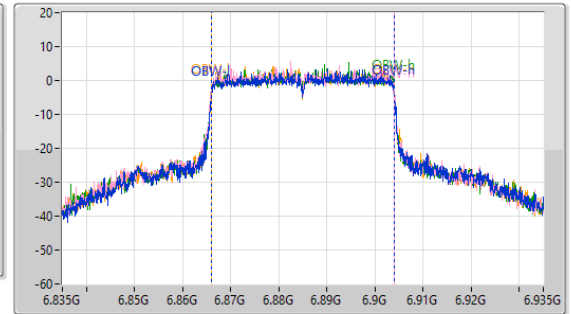
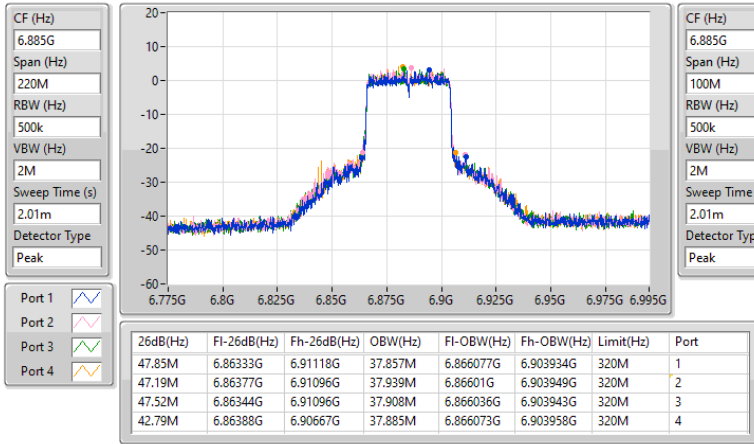


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6885MHz

23/12/2025

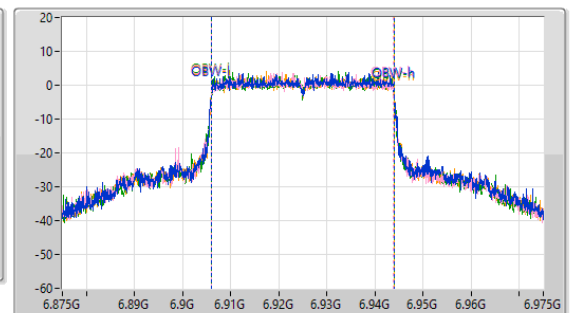
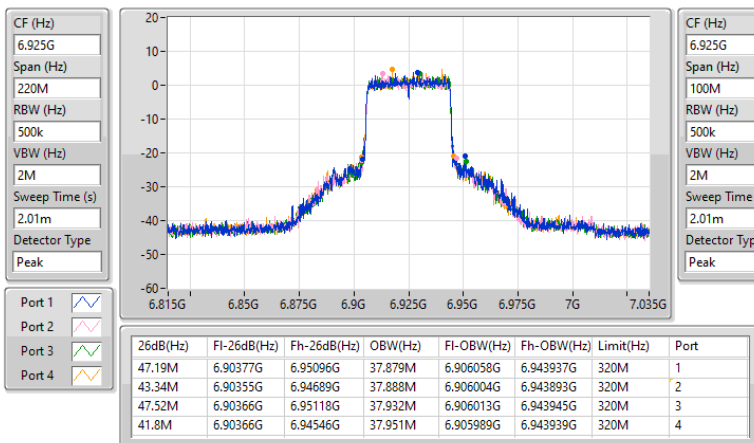


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6925MHz

23/12/2025

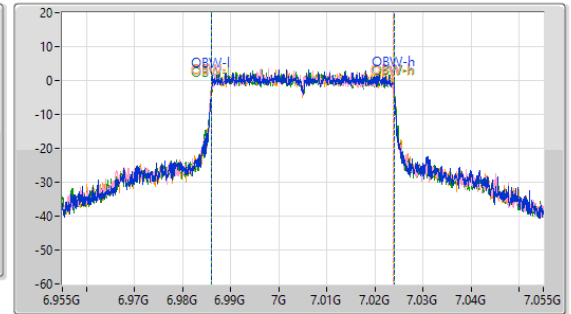
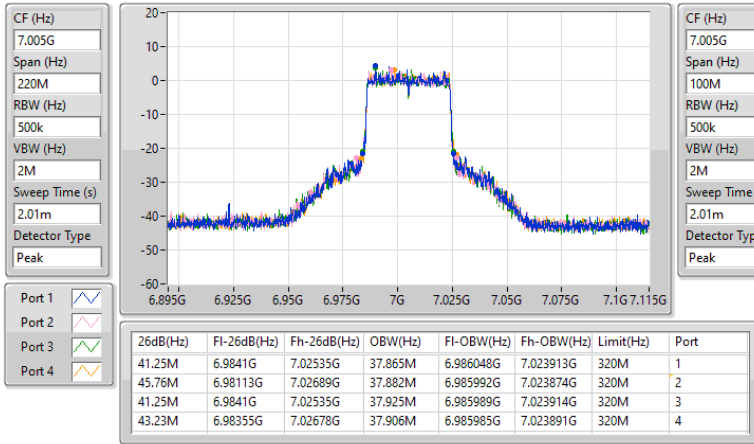


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7005MHz

23/12/2025

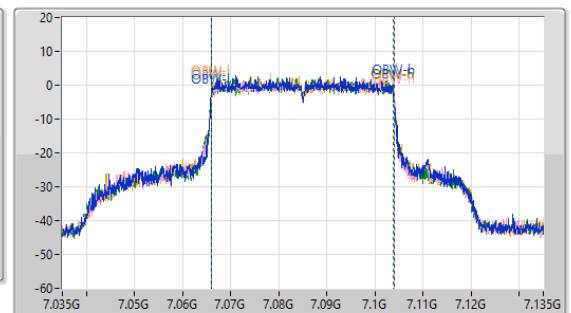
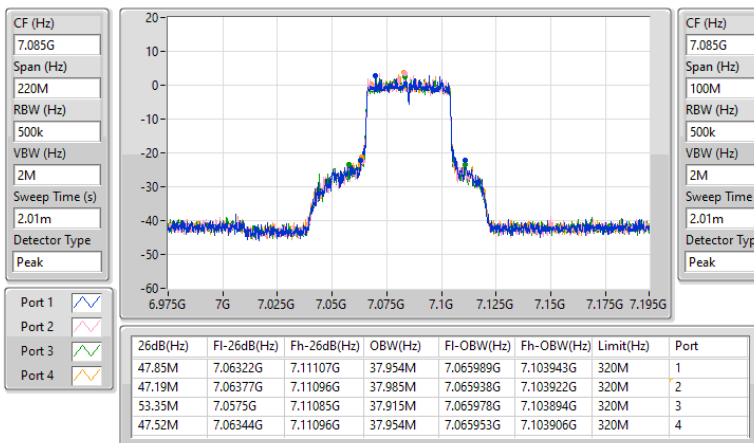


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

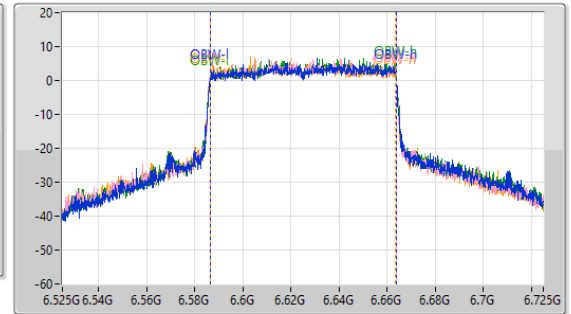
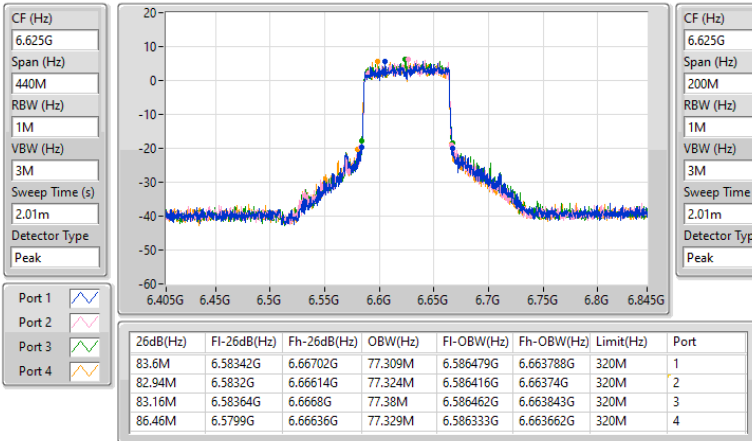
7085MHz

23/12/2025

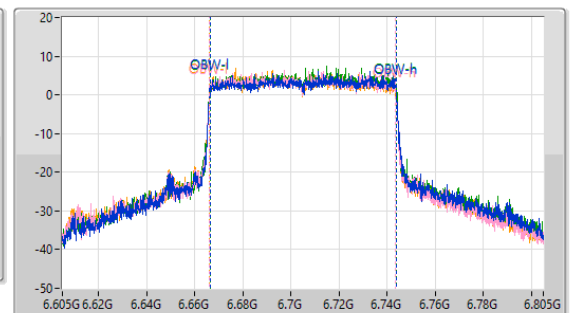
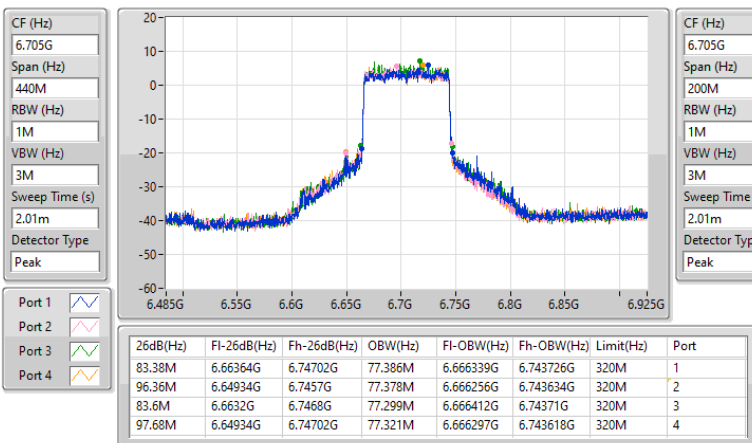


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6625MHz

23/12/2025


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

23/12/2025

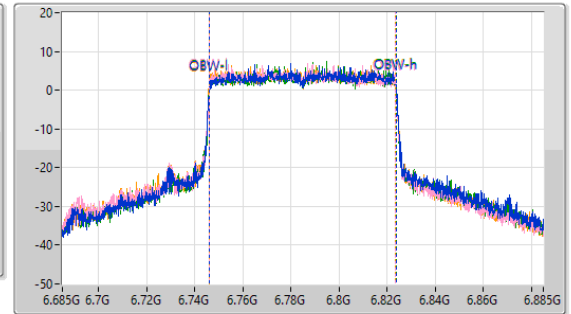
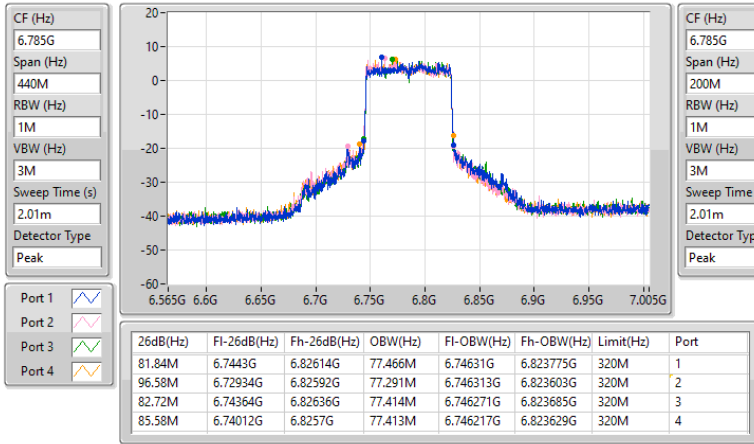


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

23/12/2025

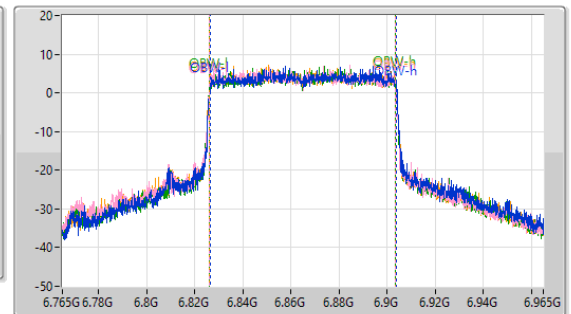
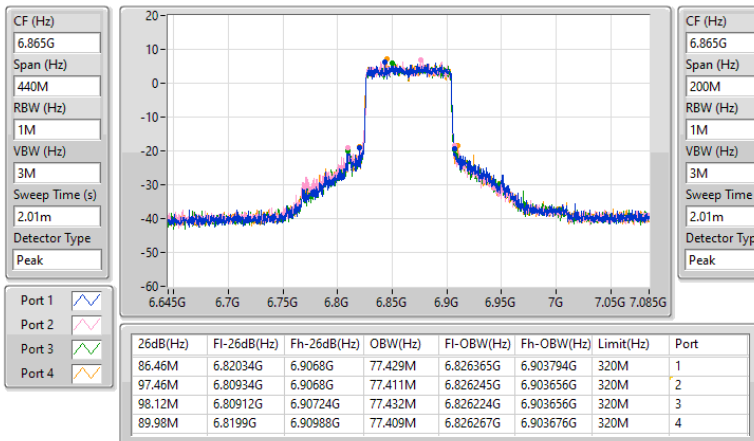


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6865MHz

23/12/2025

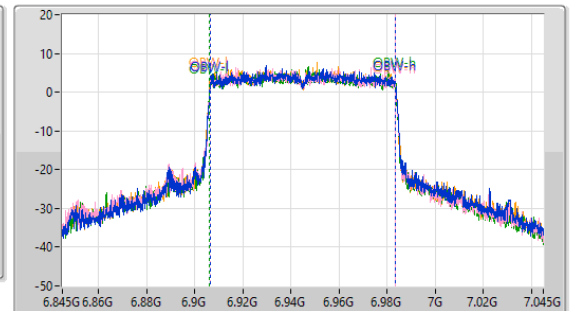
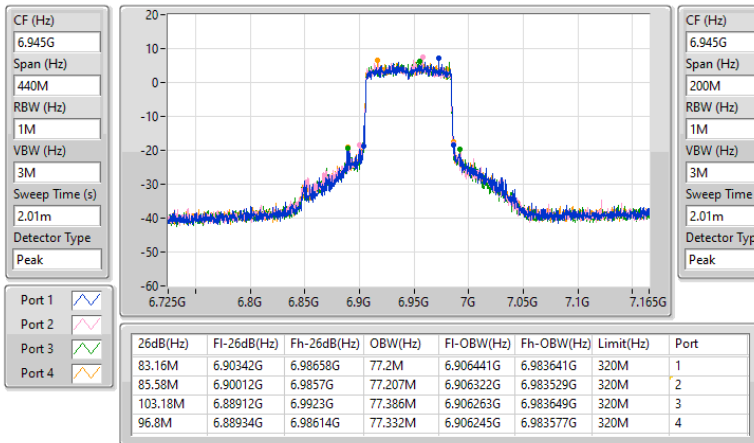


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6945MHz

23/12/2025

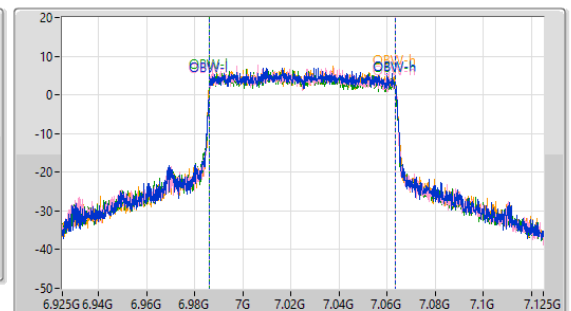
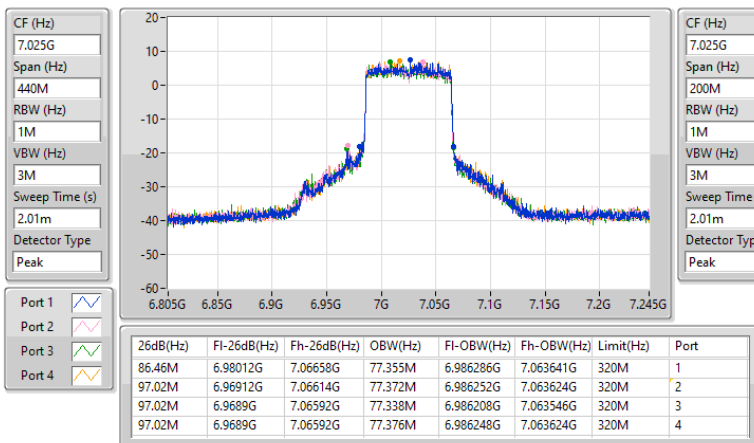


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

7025MHz

23/12/2025

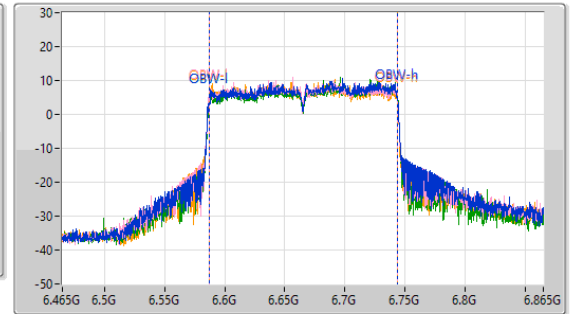
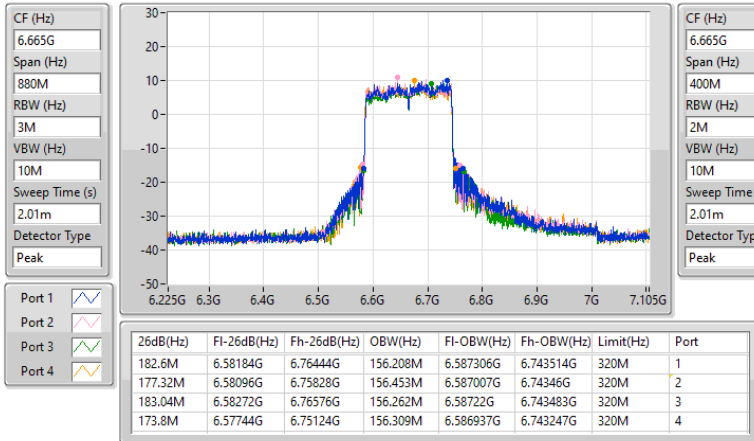


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6665MHz

23/12/2025

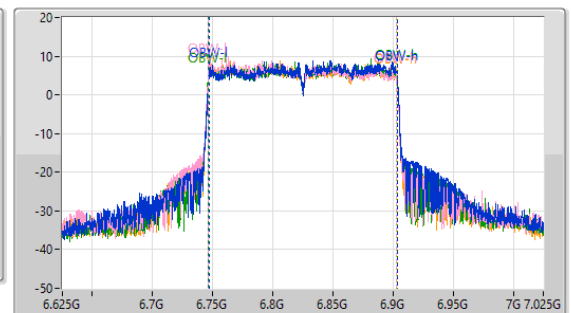
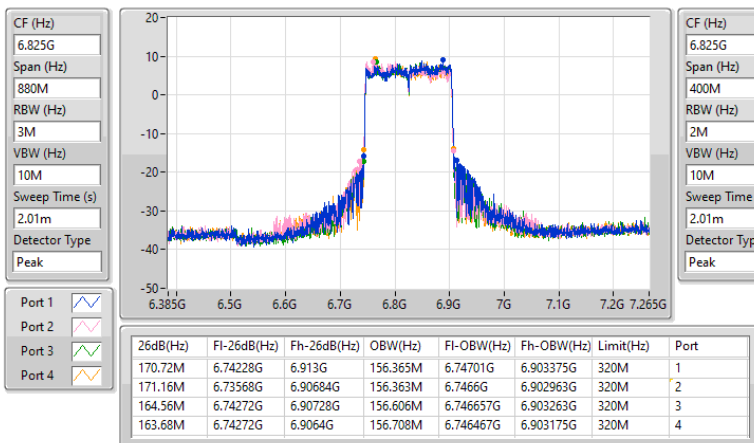


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6825MHz

23/12/2025

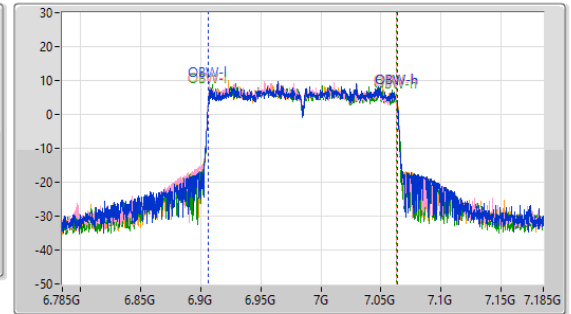
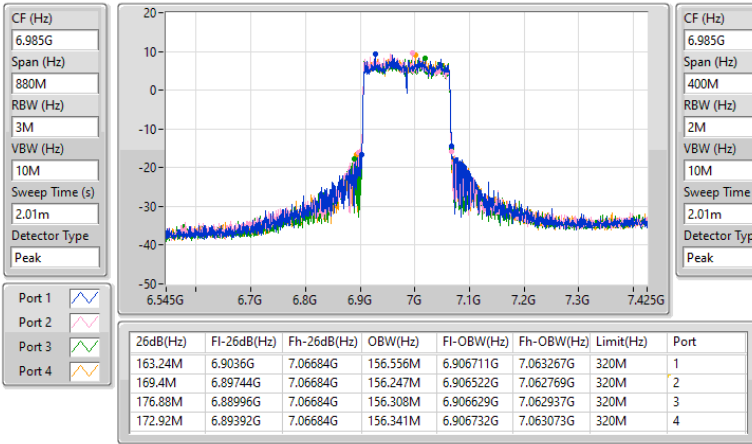


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6985MHz

23/12/2025

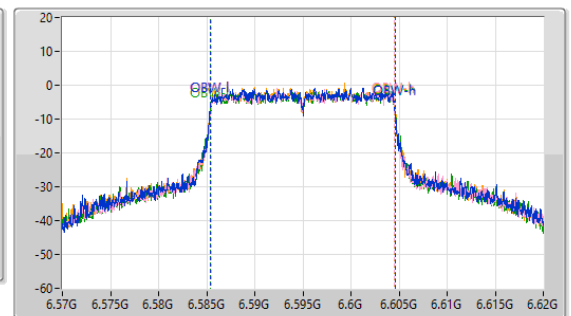
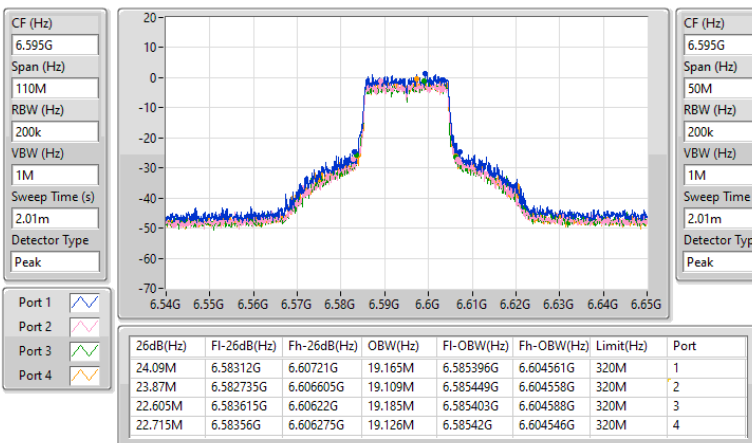


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6595MHz

23/12/2025

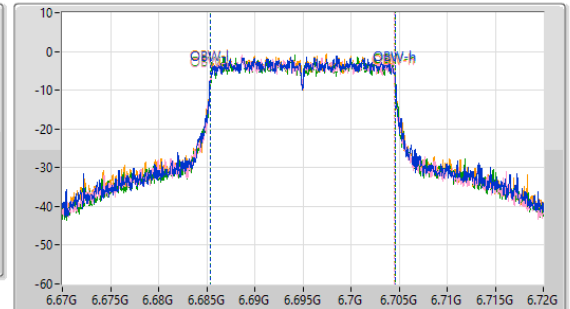
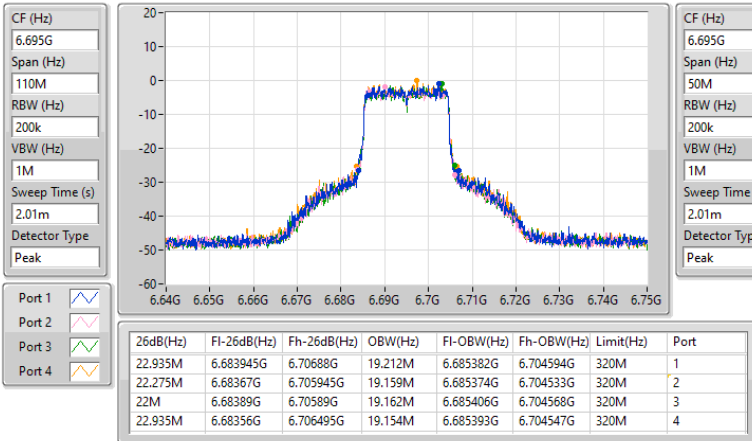


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6695MHz

23/12/2025

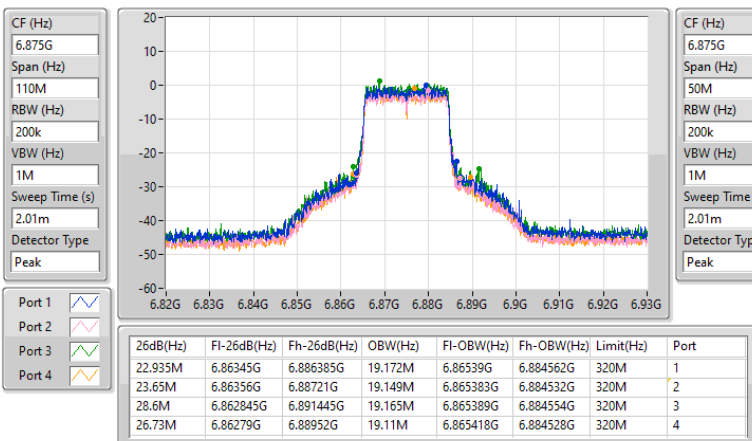


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6875MHz

23/12/2025

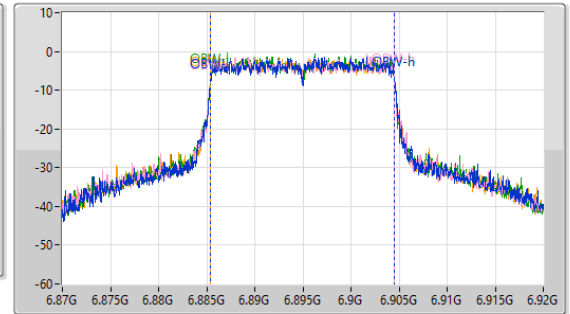
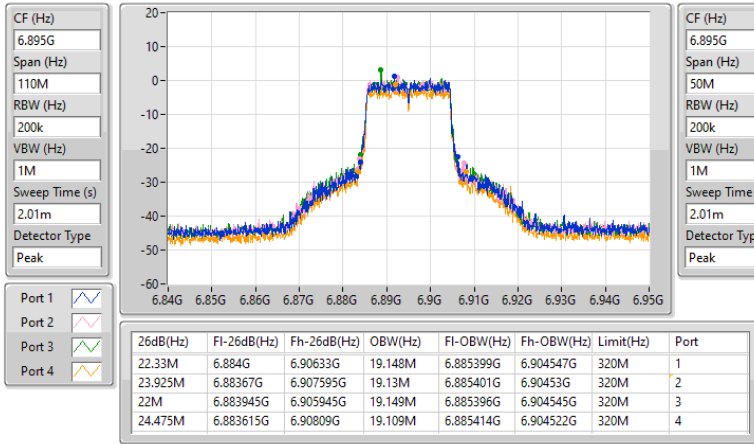


6.875-7.125GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6895MHz

23/12/2025

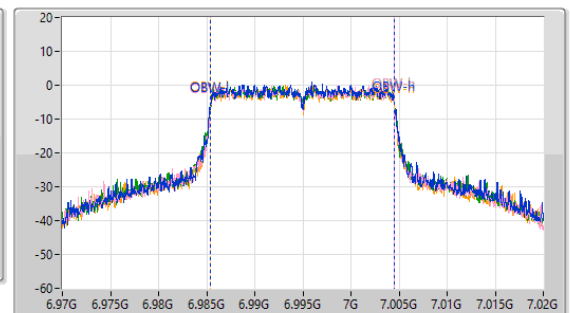
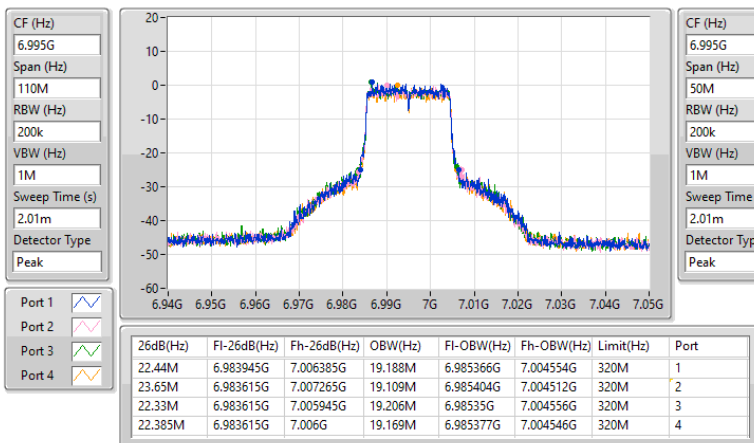


6.875-7.125GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6995MHz

23/12/2025

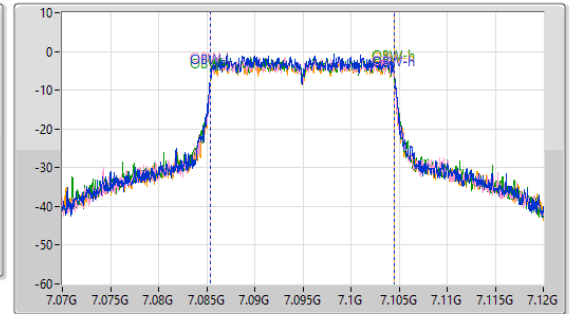
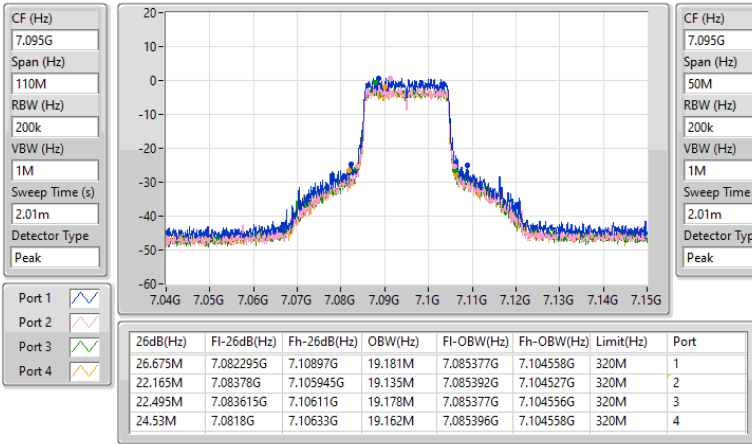


6.875-7.125GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

7095MHz

23/12/2025

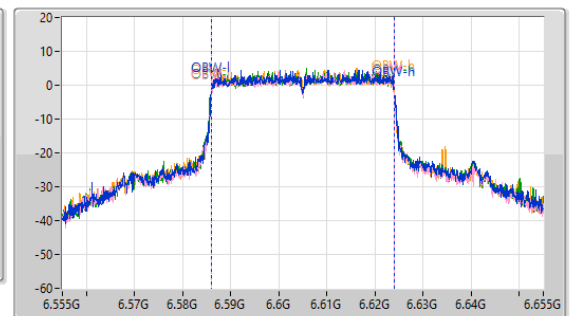
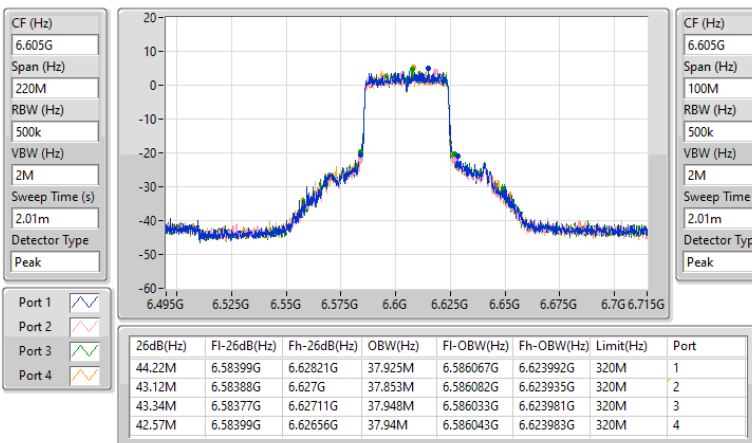


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6605MHz

23/12/2025

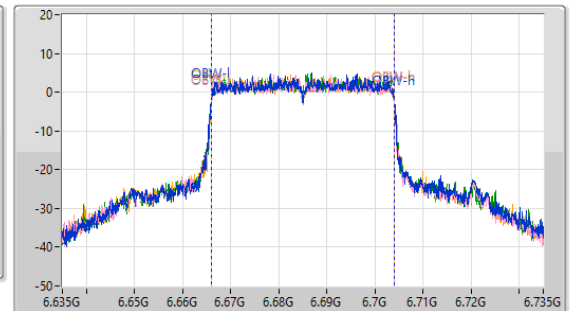
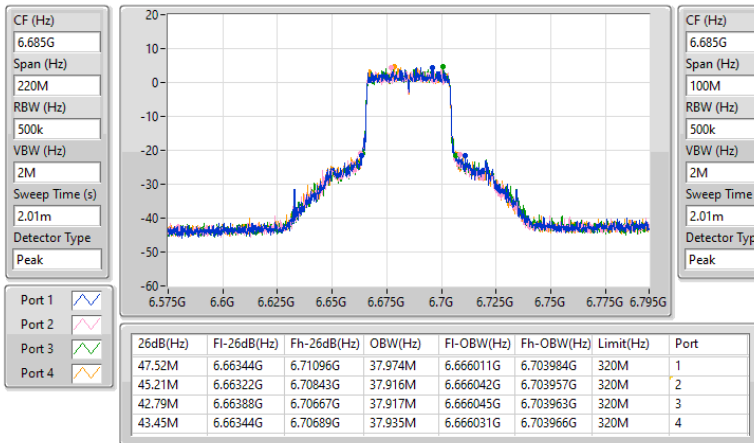


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6685MHz

23/12/2025

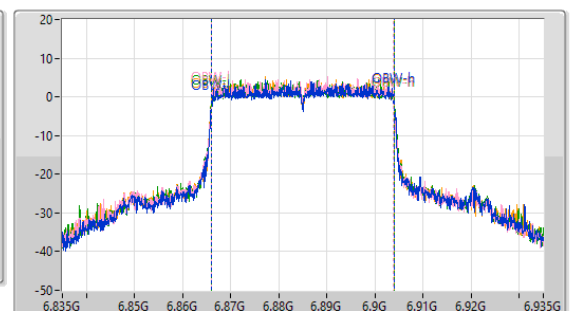
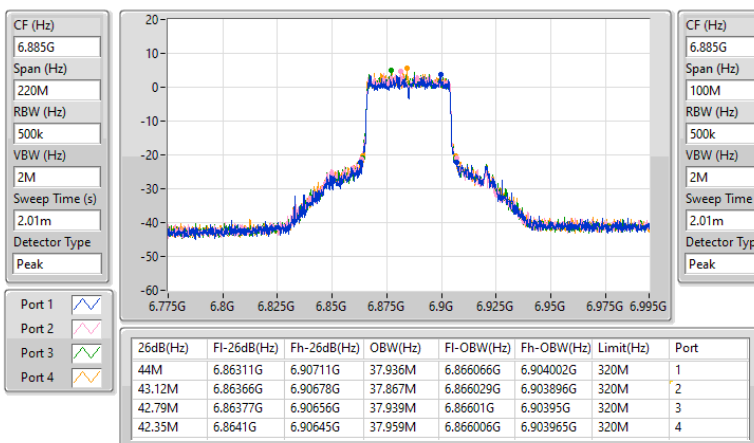


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6685MHz

23/12/2025

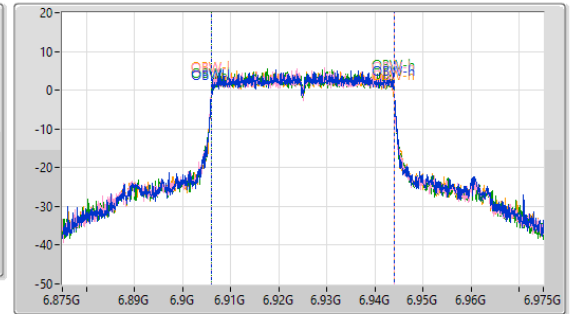
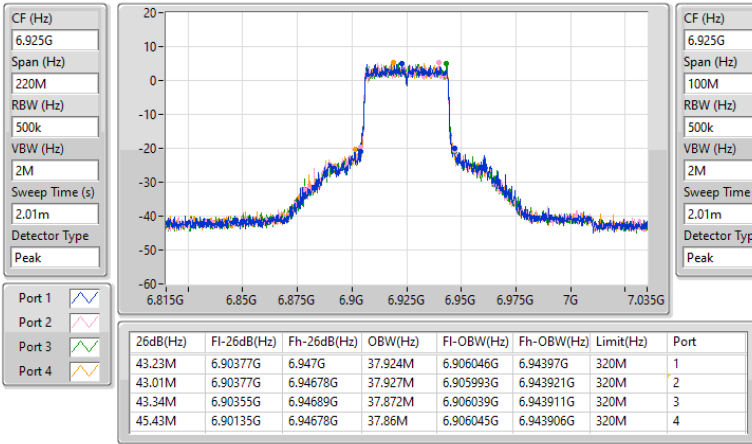


6.875-7.125GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6925MHz

23/12/2025

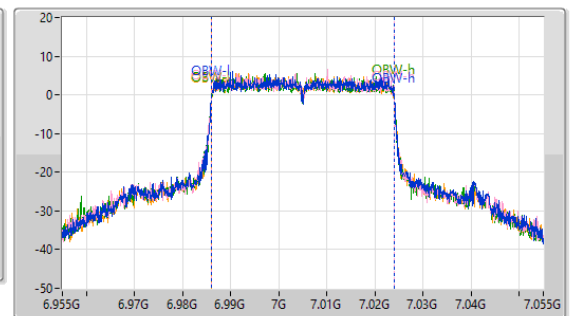
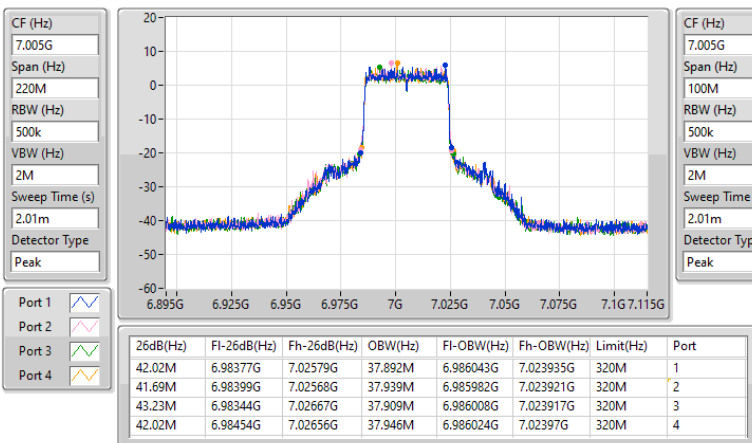


6.875-7.125GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

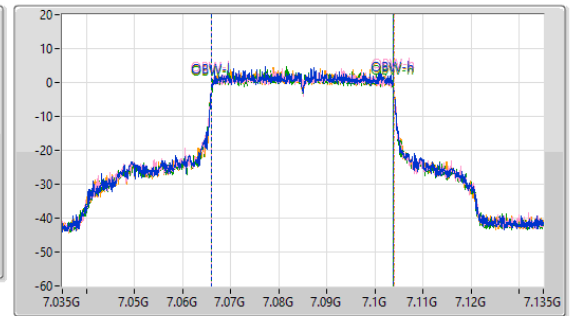
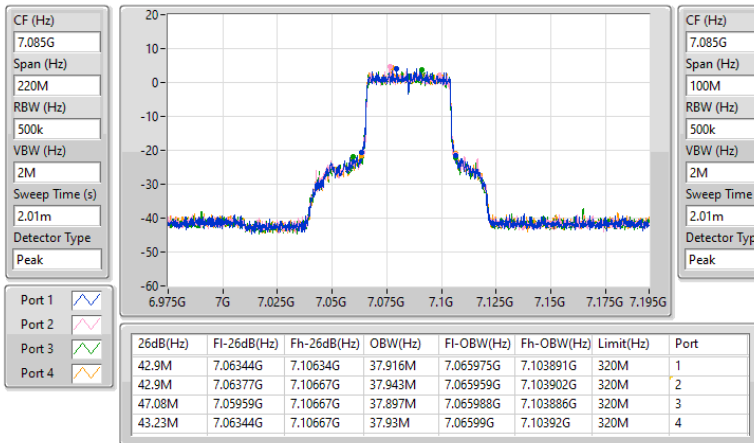
7005MHz

23/12/2025

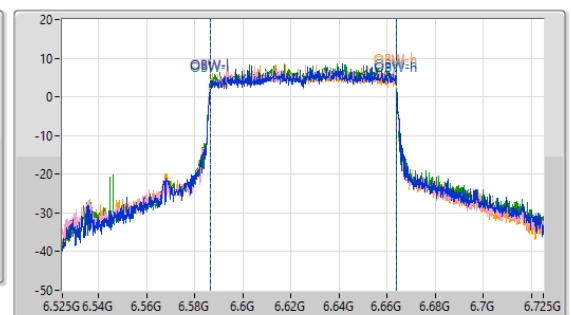
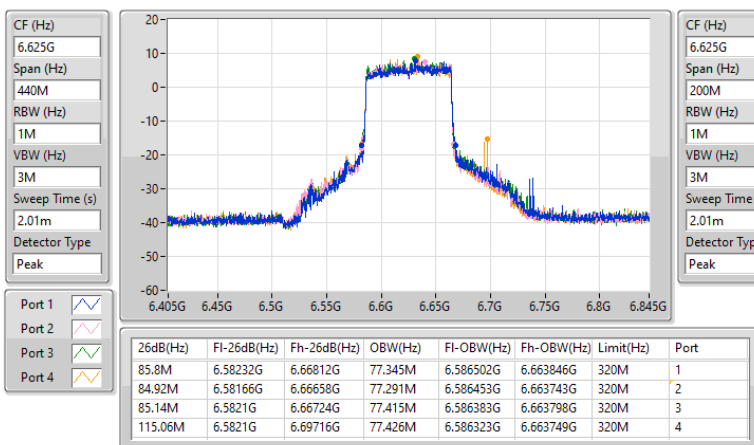


6.875-7.125GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
7085MHz

23/12/2025


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

23/12/2025

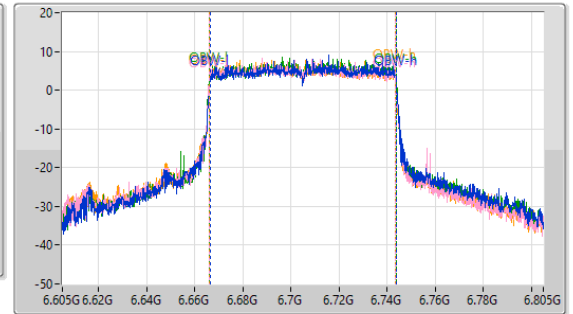
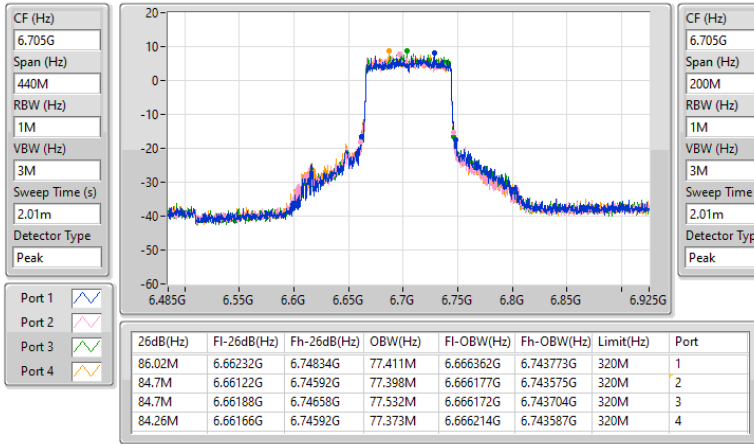


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6705MHz

23/12/2025

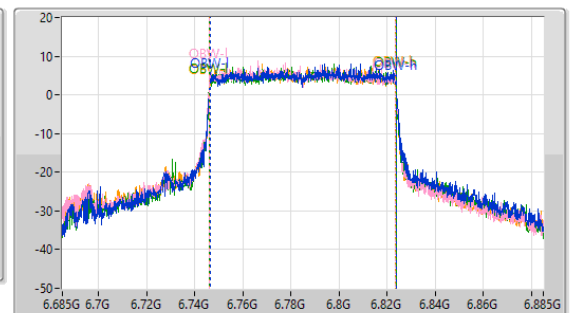
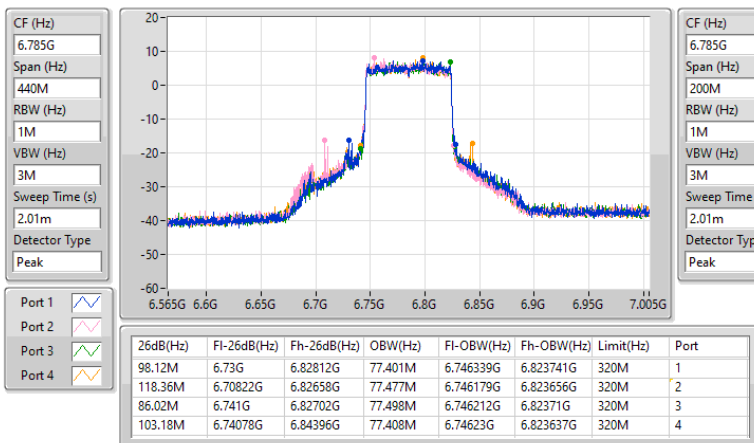


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6785MHz

23/12/2025

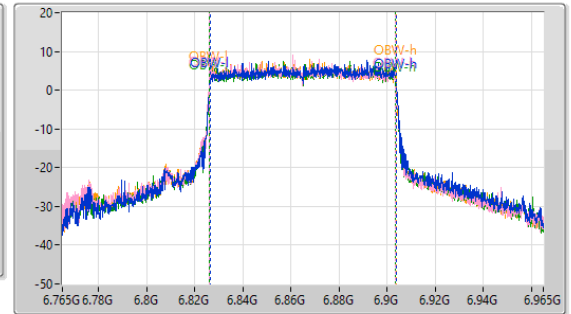
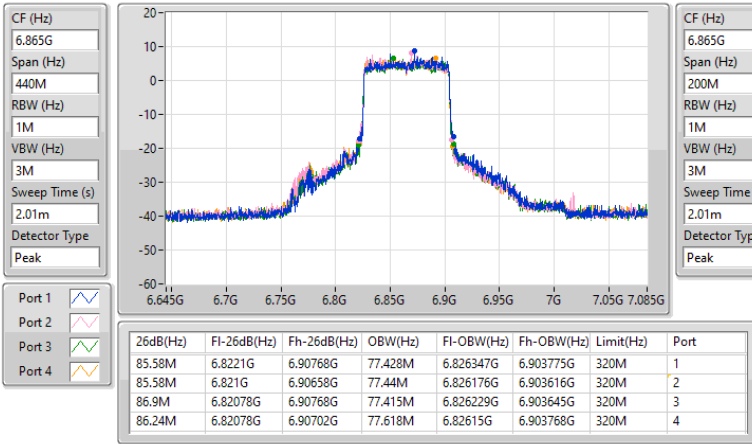


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6865MHz

23/12/2025

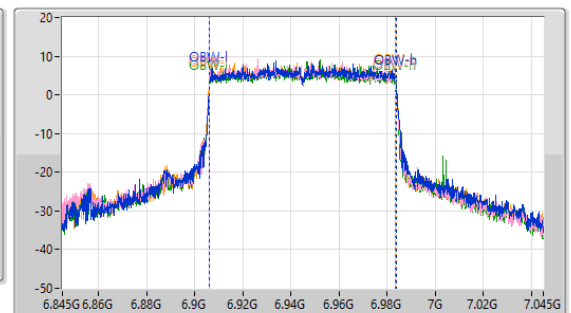
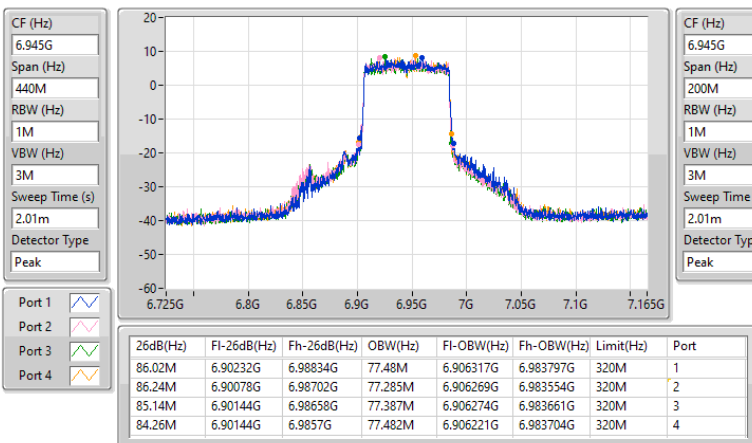


6.875-7.125GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

6945MHz

23/12/2025

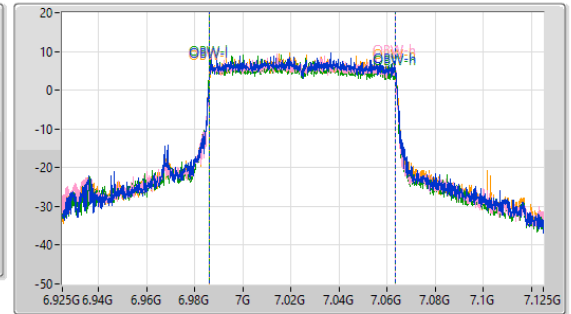
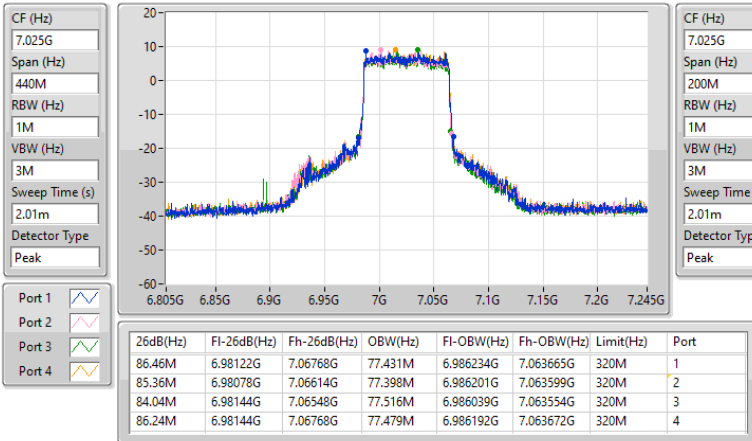


6.875-7.125GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

7025MHz

23/12/2025

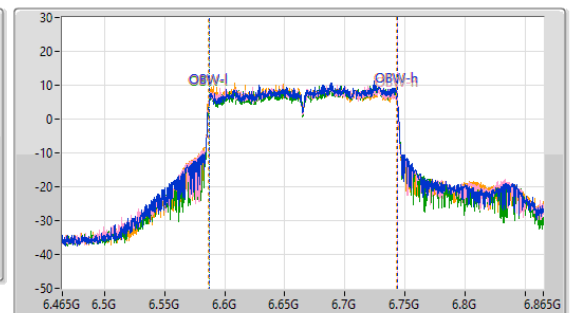
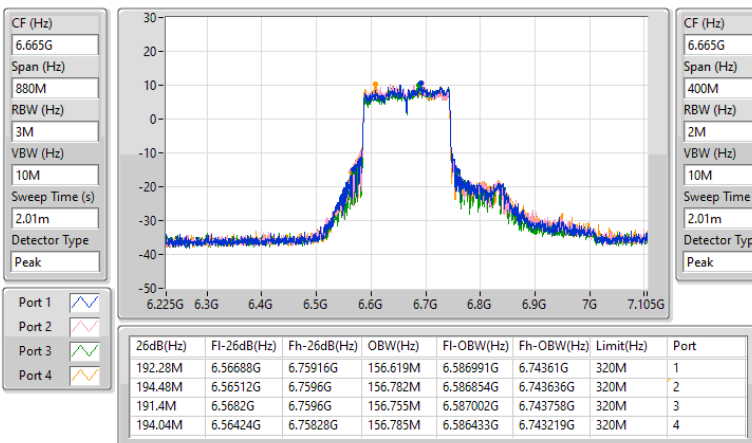


6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

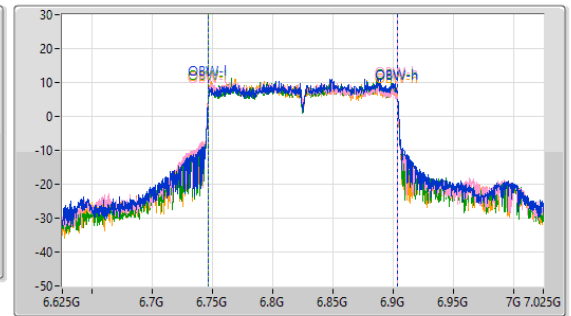
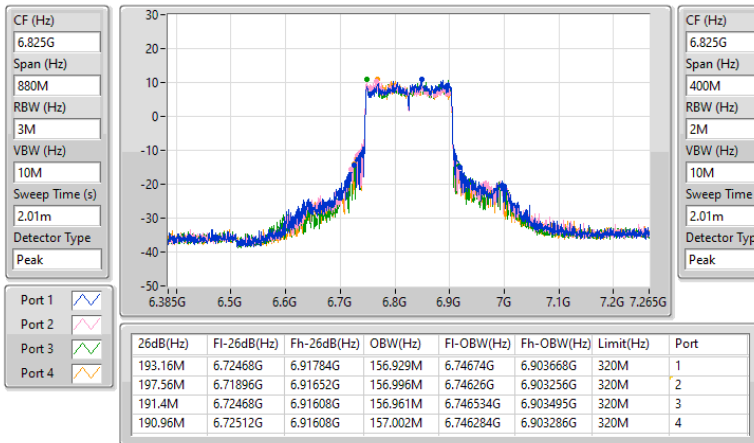
6665MHz

23/12/2025

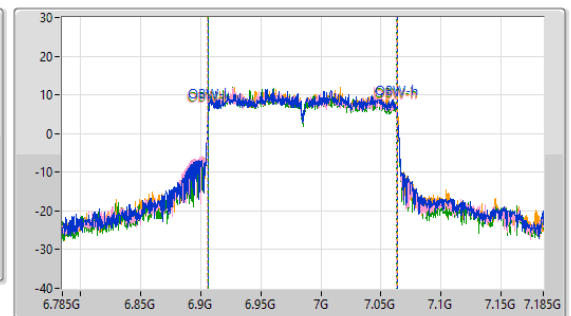
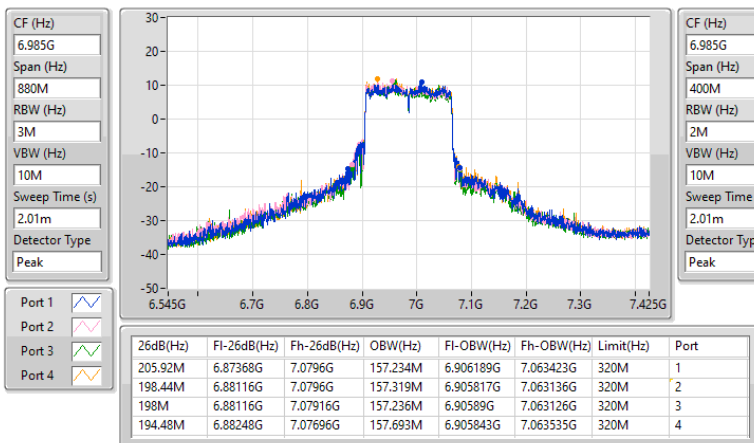


6.525-6.875GHz_802.11be EHT160_Nss4,(MCS0)_4TX
EBW
6825MHz

23/12/2025


6.875-7.125GHz_802.11be EHT160_Nss4,(MCS0)_4TX
EBW
6985MHz

23/12/2025



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-BF_Nss1,(MCS0)_2TX	24.695M	19.1M	19M1D1D	21.505M	19.009M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.925M	19.144M	19M1D1D	21.615M	19.064M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	54.12M	37.926M	37M9D1D	44.11M	37.817M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	49.72M	37.982M	38M0D1D	44.44M	37.827M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	96.8M	77.402M	77M4D1D	81.4M	77.211M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	101.2M	77.532M	77M5D1D	81.4M	77.251M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	197.12M	156.492M	156MD1D	180.84M	156.272M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	170.28M	156.481M	156MD1D	161.92M	155.882M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.31M	19.156M	19M2D1D	21.56M	19.037M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	24.2M	19.205M	19M2D1D	21.395M	19.041M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	59.62M	37.995M	38M0D1D	43.67M	37.776M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	59.62M	37.96M	38M0D1D	42.13M	37.814M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	97.46M	77.324M	77M3D1D	81.4M	77.082M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	99.22M	77.438M	77M4D1D	80.74M	77.233M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	198.88M	156.295M	156MD1D	192.28M	156.207M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	170.28M	156.252M	156MD1D	165.88M	156.095M

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-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	21.505M	19.075M	24.695M	19.023M				
6695MHz	Pass	320M	23.32M	19.06M	21.945M	19.046M				
6875MHz	Pass	320M	22.33M	19.009M	21.945M	19.1M				
6895MHz	Pass	320M	21.56M	19.076M	21.67M	19.087M				
6995MHz	Pass	320M	22.33M	19.156M	22.165M	19.037M				
7095MHz	Pass	320M	21.945M	19.056M	24.31M	19.07M				
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	47.52M	37.817M	44.11M	37.817M				
6685MHz	Pass	320M	49.61M	37.926M	44.55M	37.914M				
6885MHz	Pass	320M	54.12M	37.819M	44.11M	37.819M				
6925MHz	Pass	320M	43.67M	37.905M	59.62M	37.776M				
7005MHz	Pass	320M	59.51M	37.907M	52.47M	37.952M				
7085MHz	Pass	320M	58.3M	37.995M	55.55M	37.877M				
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	83.38M	77.312M	81.4M	77.251M				
6705MHz	Pass	320M	81.4M	77.341M	96.8M	77.235M				
6785MHz	Pass	320M	82.28M	77.211M	85.36M	77.402M				
6865MHz	Pass	320M	82.5M	77.236M	96.58M	77.341M				
6945MHz	Pass	320M	87.12M	77.27M	81.4M	77.082M				
7025MHz	Pass	320M	97.46M	77.296M	96.58M	77.324M				
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	184.8M	156.301M	180.84M	156.272M				
6825MHz	Pass	320M	189.64M	156.492M	197.12M	156.345M				
6985MHz	Pass	320M	192.28M	156.207M	198.88M	156.295M				
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	23.76M	19.098M	22.825M	19.085M	22.495M	19.092M	22M	19.144M
6695MHz	Pass	320M	23.375M	19.138M	21.835M	19.138M	23.485M	19.091M	21.835M	19.121M
6875MHz	Pass	320M	22.275M	19.131M	23.925M	19.064M	22.77M	19.113M	21.615M	19.101M
6895MHz	Pass	320M	21.725M	19.102M	21.89M	19.041M	22.935M	19.205M	23.32M	19.092M
6995MHz	Pass	320M	24.2M	19.088M	22.11M	19.057M	22.88M	19.059M	21.395M	19.055M
7095MHz	Pass	320M	23.87M	19.117M	22M	19.068M	22.66M	19.123M	22.55M	19.113M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	47.52M	37.982M	46.97M	37.927M	44.44M	37.827M	47.3M	37.898M
6685MHz	Pass	320M	47.85M	37.894M	48.29M	37.899M	48.4M	37.948M	44.55M	37.977M
6885MHz	Pass	320M	49.17M	37.879M	48.73M	37.959M	47.85M	37.965M	49.72M	37.878M
6925MHz	Pass	320M	53.57M	37.814M	52.25M	37.835M	44.44M	37.881M	42.13M	37.842M
7005MHz	Pass	320M	52.36M	37.901M	53.35M	37.953M	59.62M	37.96M	57.75M	37.919M
7085MHz	Pass	320M	48.84M	37.942M	56.43M	37.905M	55.66M	37.872M	57.97M	37.95M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-

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)
6625MHz	Pass	320M	81.4M	77.319M	83.16M	77.353M	82.5M	77.308M	82.5M	77.251M
6705MHz	Pass	320M	86.9M	77.303M	101.2M	77.361M	82.06M	77.259M	97.9M	77.468M
6785MHz	Pass	320M	83.16M	77.409M	101.2M	77.389M	97.46M	77.316M	97.46M	77.344M
6865MHz	Pass	320M	97.46M	77.532M	96.8M	77.374M	96.8M	77.306M	97.46M	77.353M
6945MHz	Pass	320M	99.22M	77.298M	97.02M	77.438M	97.02M	77.233M	86.46M	77.425M
7025MHz	Pass	320M	97.24M	77.375M	95.48M	77.295M	86.02M	77.26M	80.74M	77.349M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	170.28M	155.99M	161.92M	155.882M	162.8M	155.974M	168.08M	156.227M
6825MHz	Pass	320M	165M	156.481M	162.36M	156.453M	165M	156.336M	166.32M	156.254M
6985MHz	Pass	320M	166.32M	156.095M	166.32M	156.185M	165.88M	156.108M	170.28M	156.252M

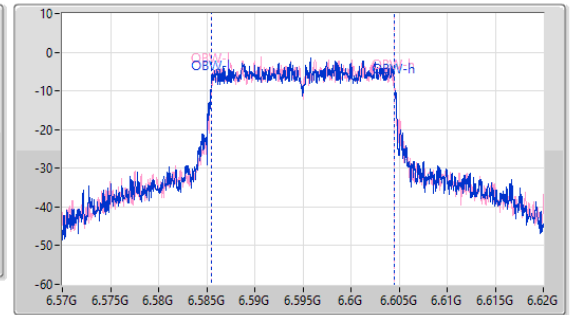
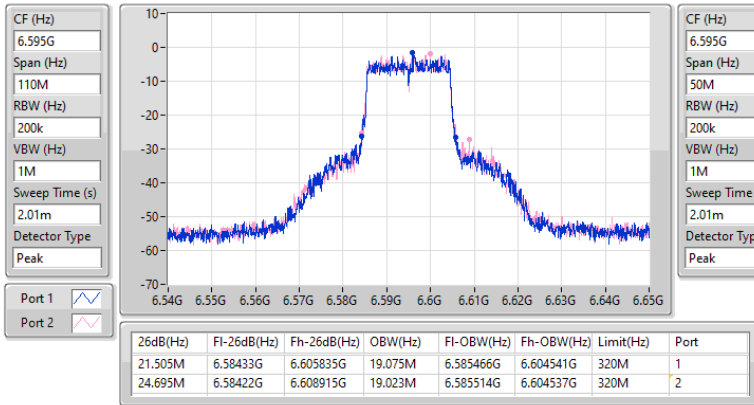
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6595MHz

29/11/2025

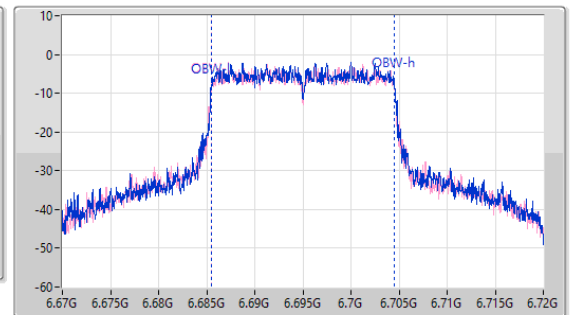
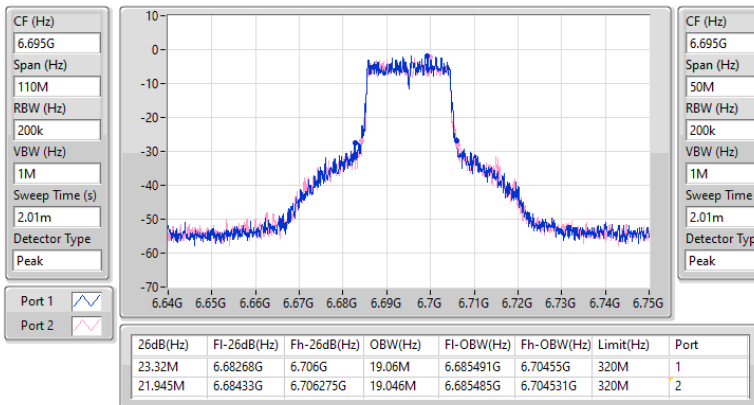


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

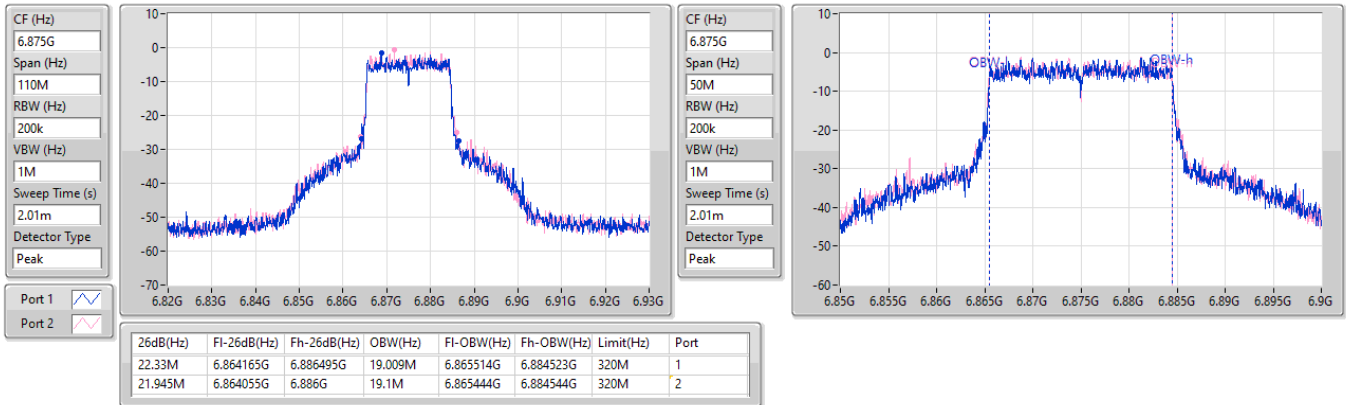
6695MHz

29/11/2025

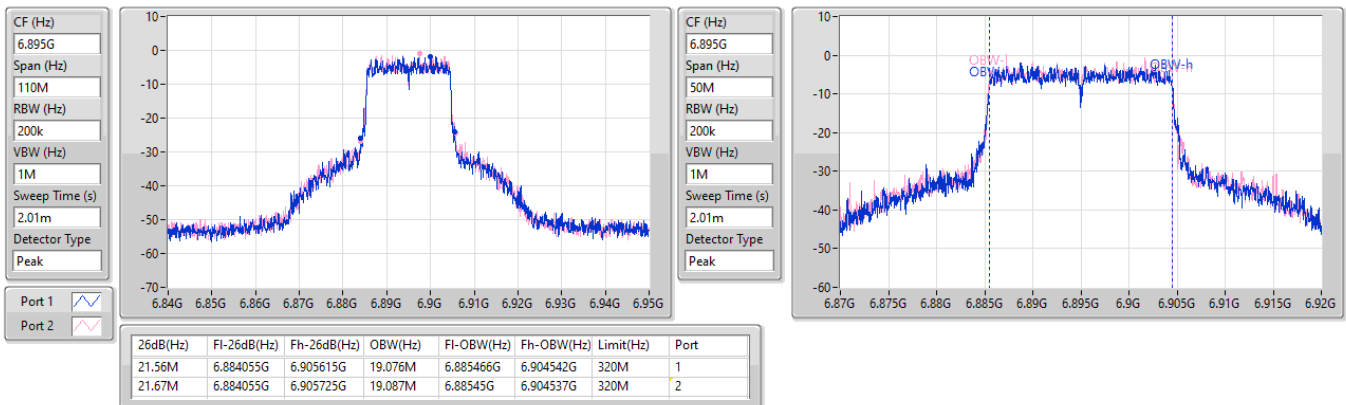


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6875MHz

29/11/2025


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6895MHz

29/11/2025

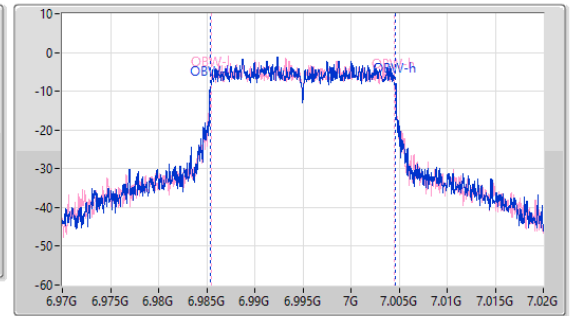
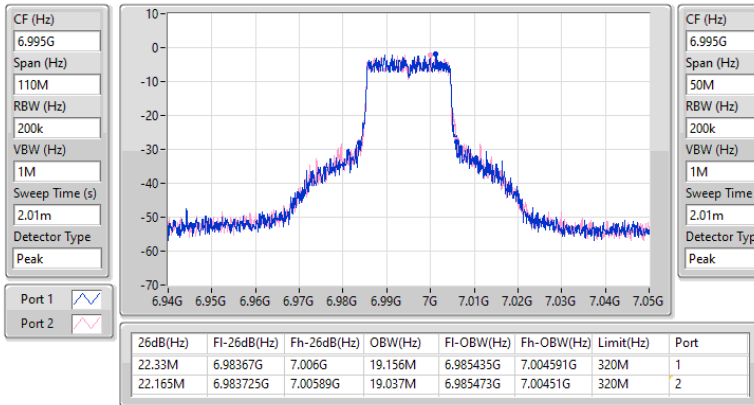


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6995MHz

29/11/2025

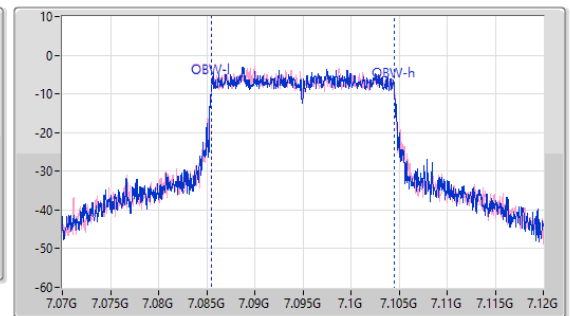
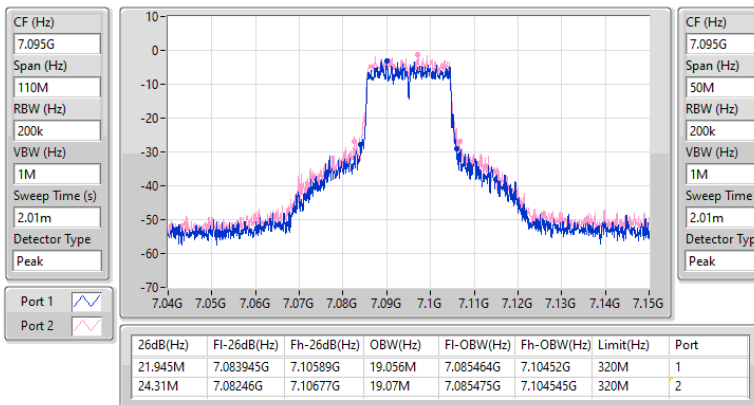


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

7095MHz

29/11/2025

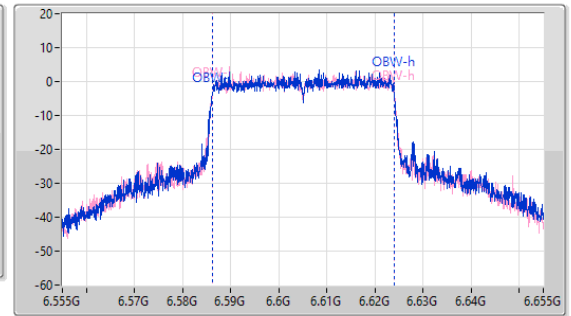
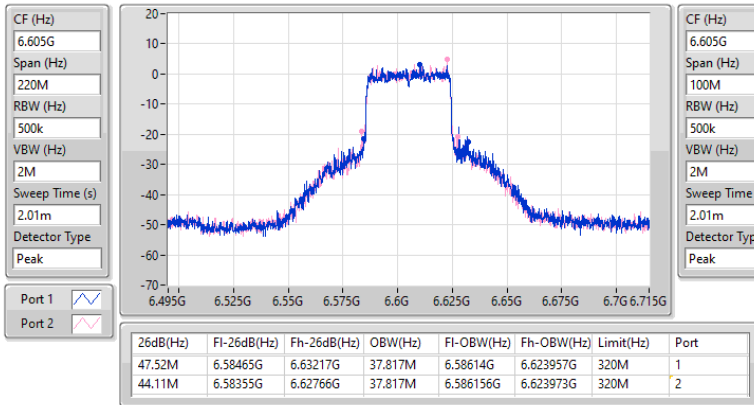


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6605MHz

29/11/2025

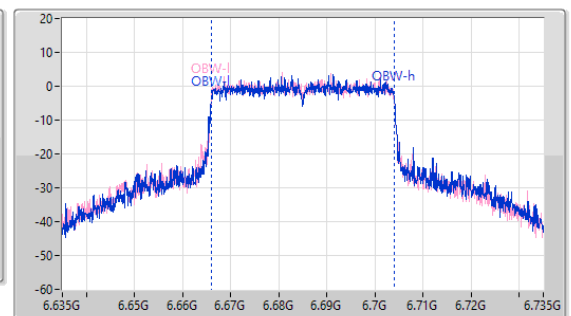
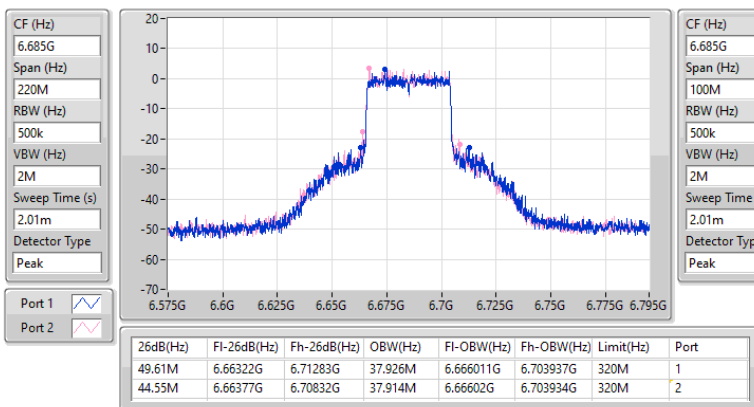


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6685MHz

29/11/2025

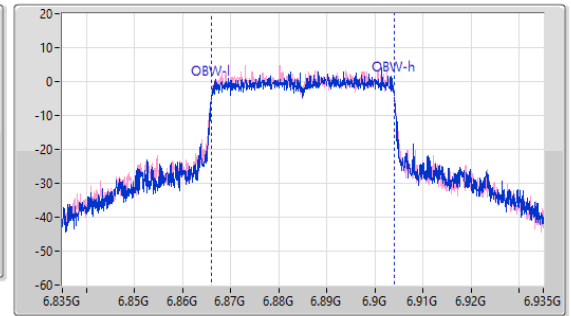
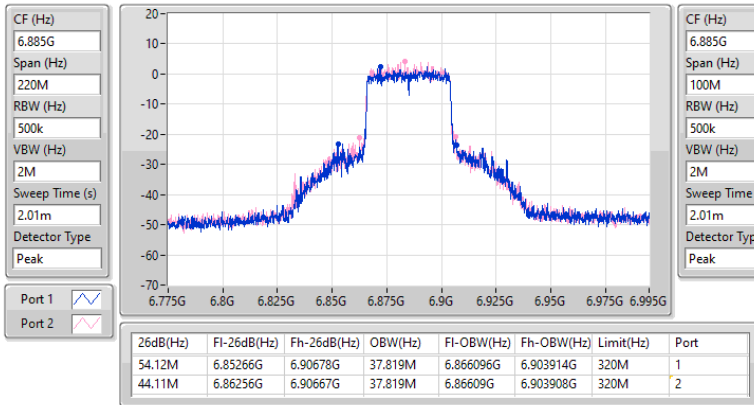


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz

29/11/2025

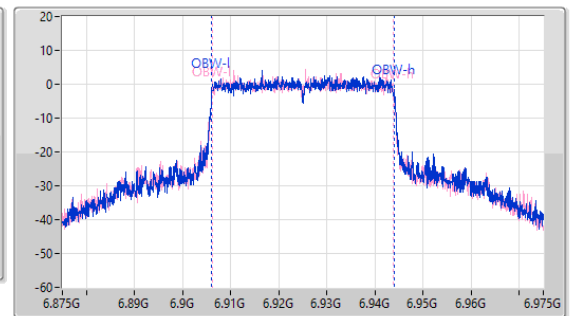
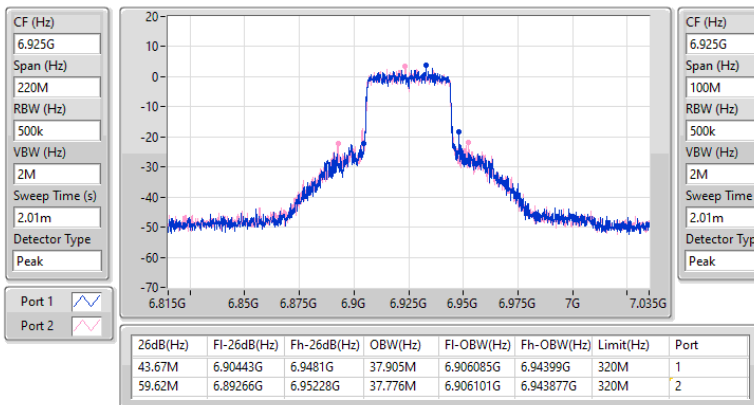


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

6925MHz

29/11/2025

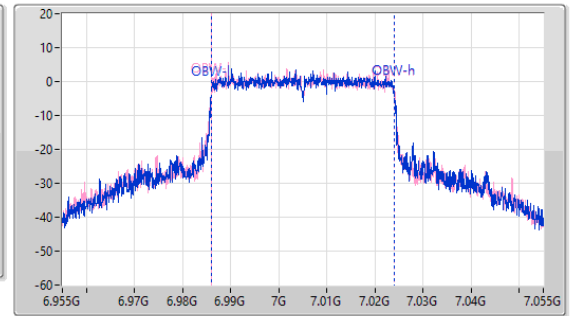
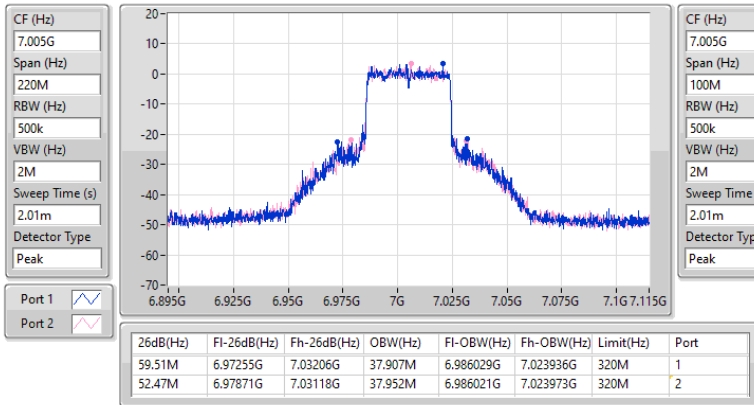


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

7005MHz

29/11/2025

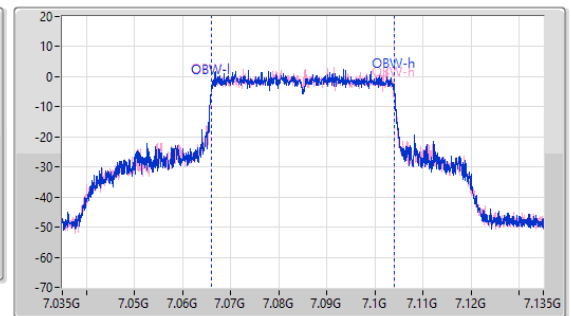
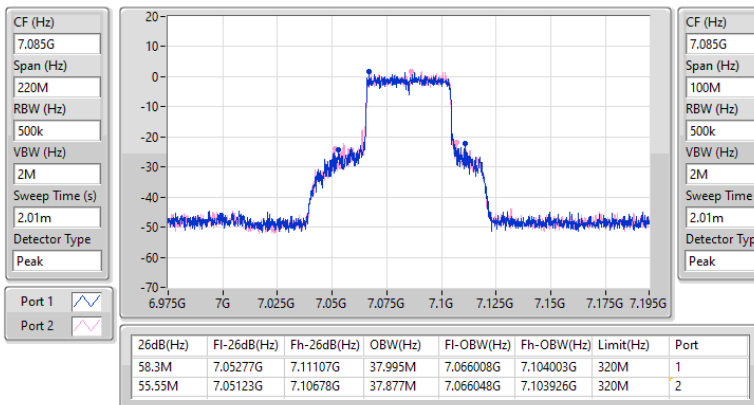


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

7085MHz

29/11/2025

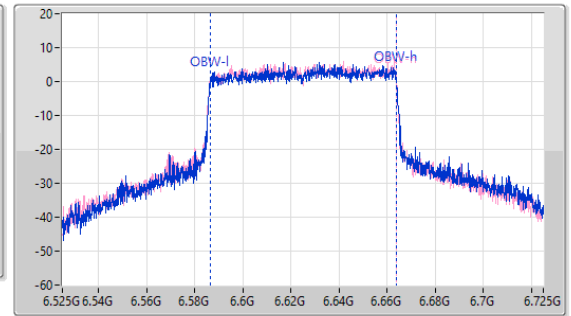
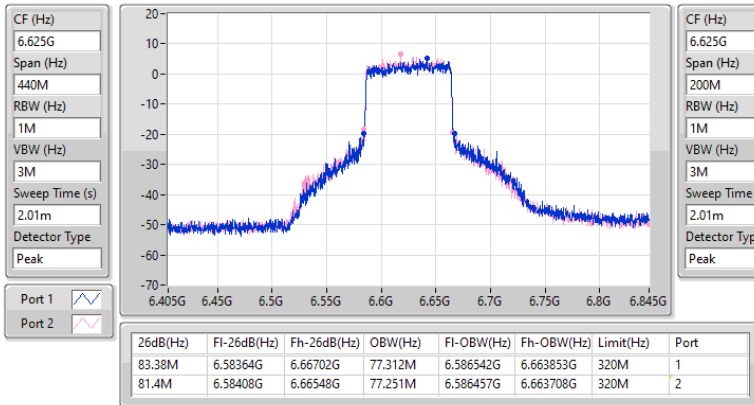


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

29/11/2025

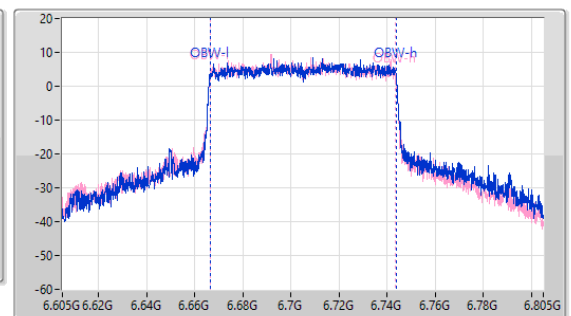
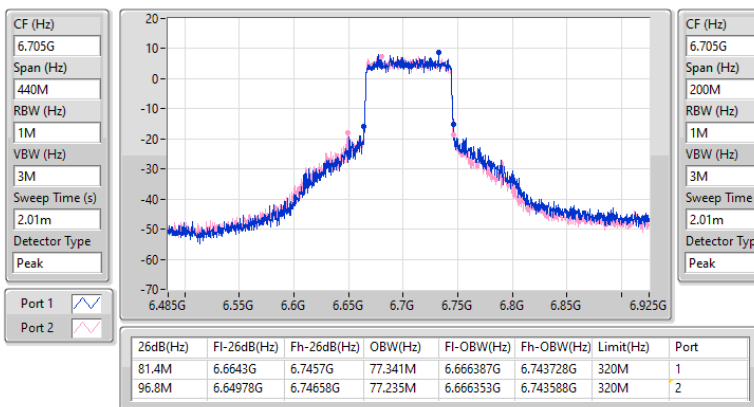


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6705MHz

29/11/2025

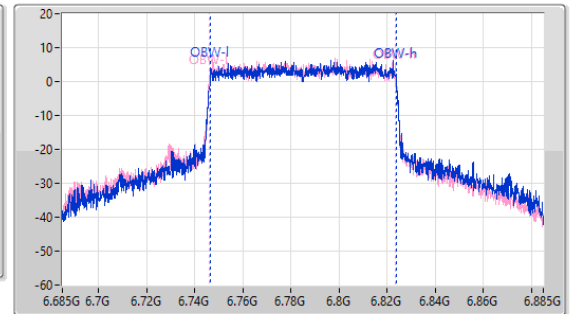
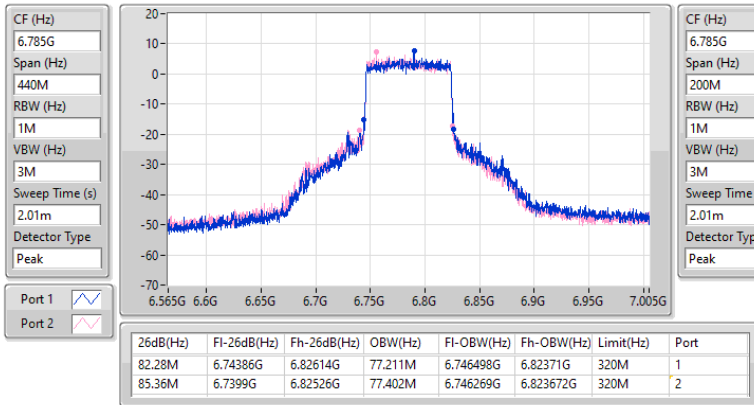


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6785MHz

29/11/2025

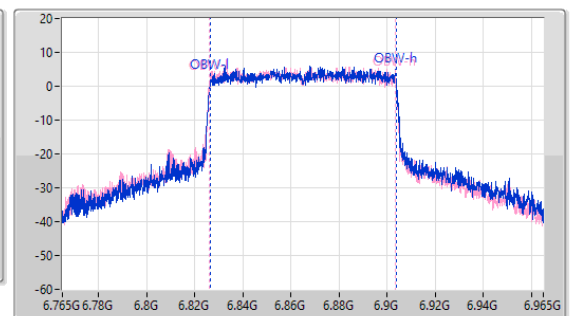
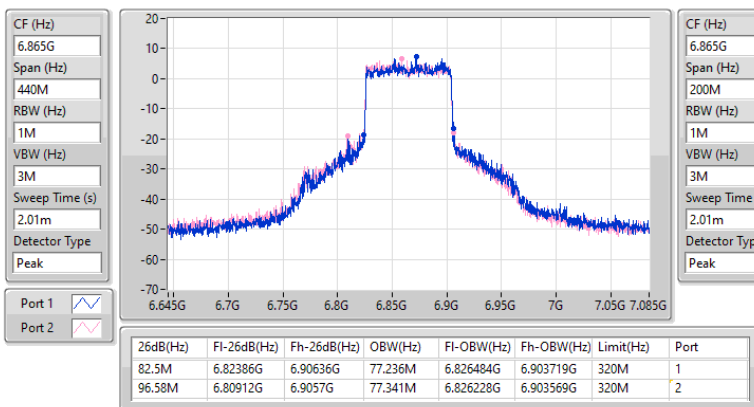


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6865MHz

29/11/2025

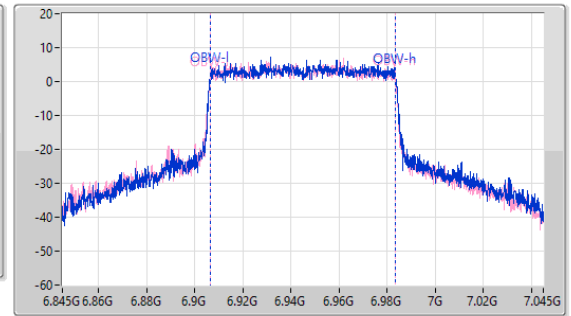
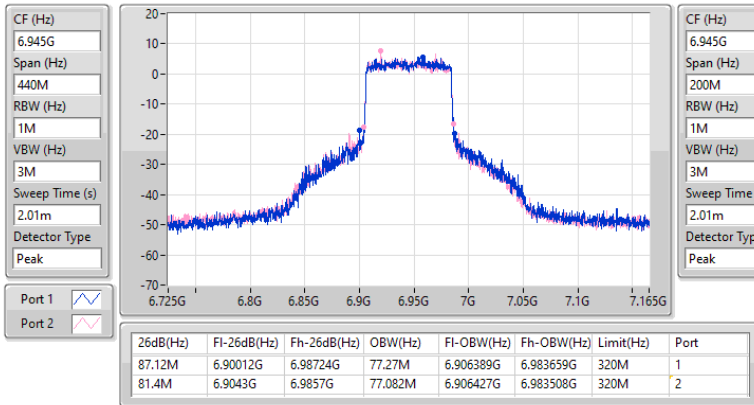


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6945MHz

29/11/2025

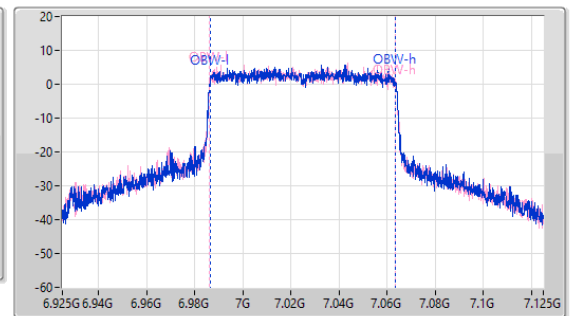
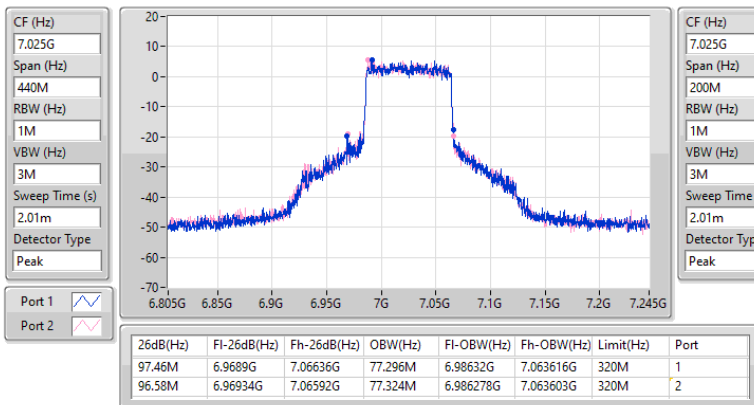


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

29/11/2025

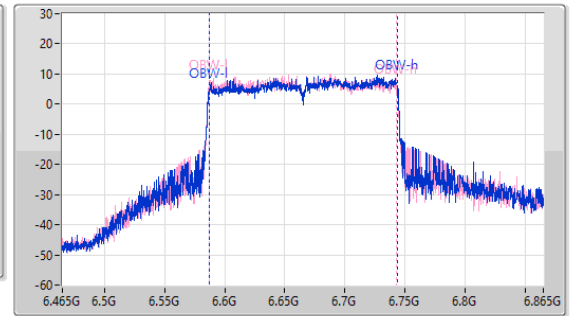
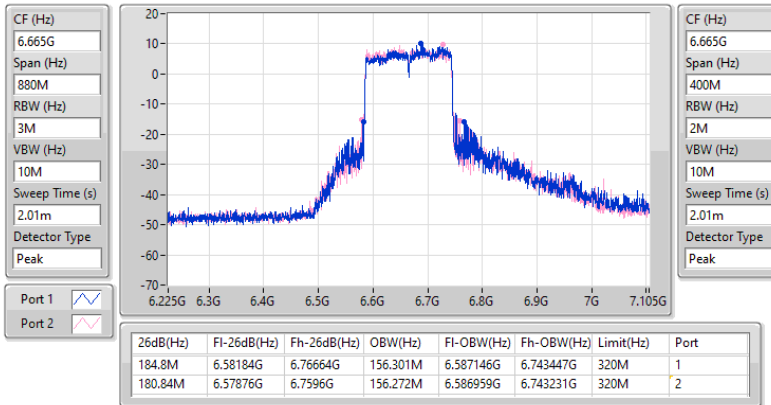


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

29/11/2025

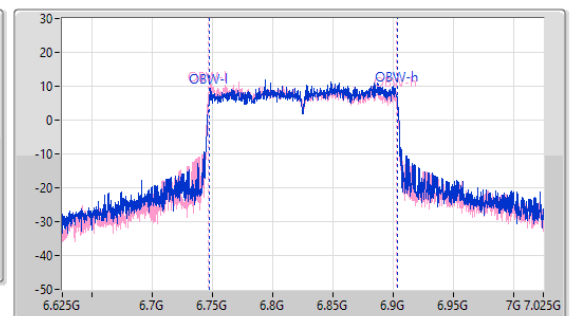
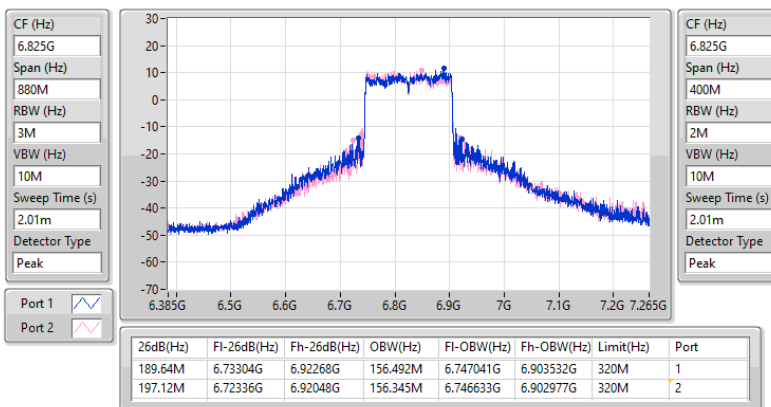


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz

29/11/2025

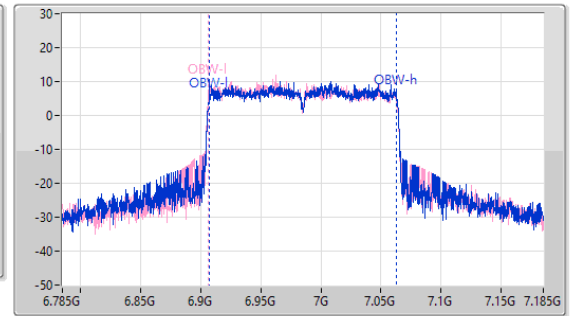
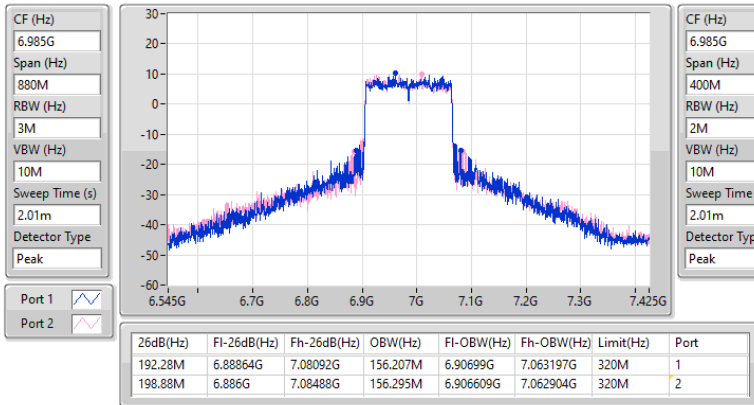


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6985MHz

29/11/2025

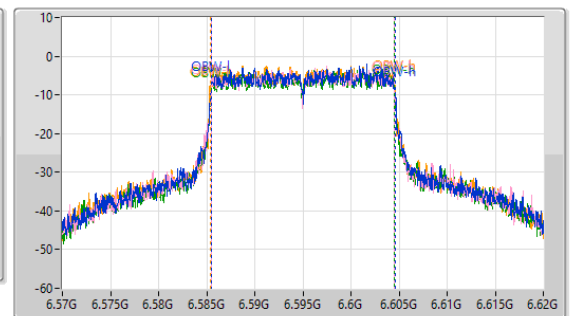
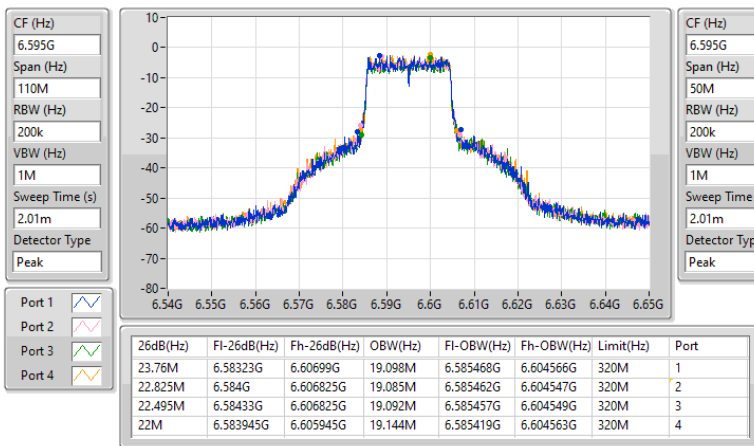


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6595MHz

29/11/2025

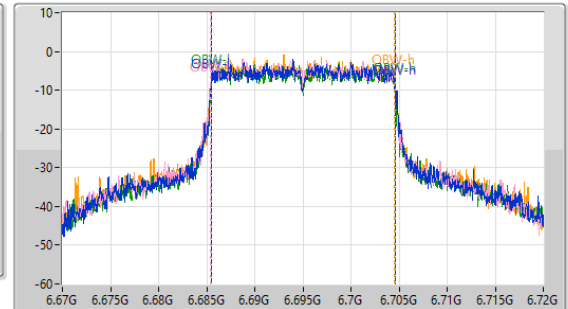
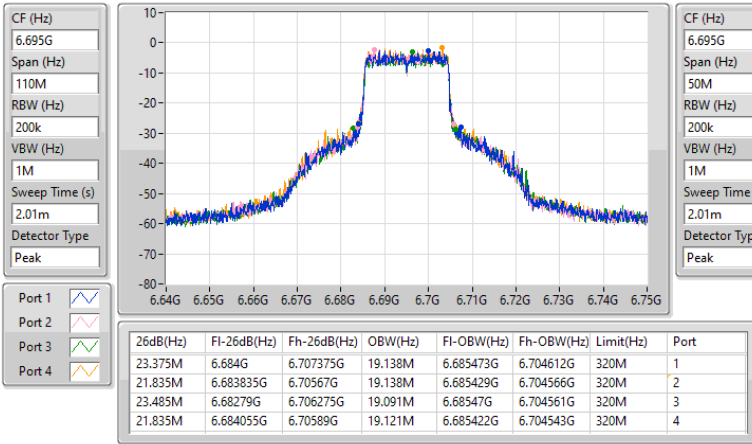


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

29/11/2025

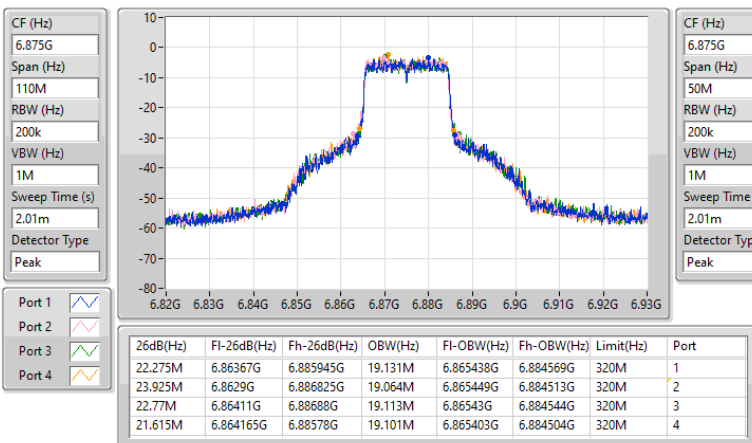


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

29/11/2025

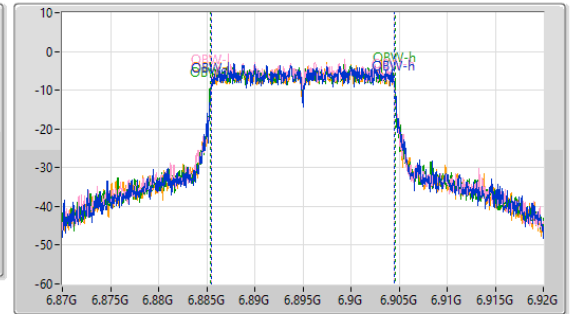
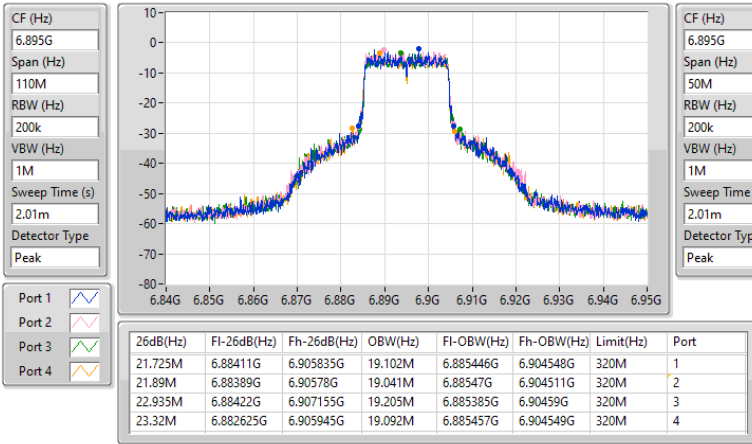


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

29/11/2025

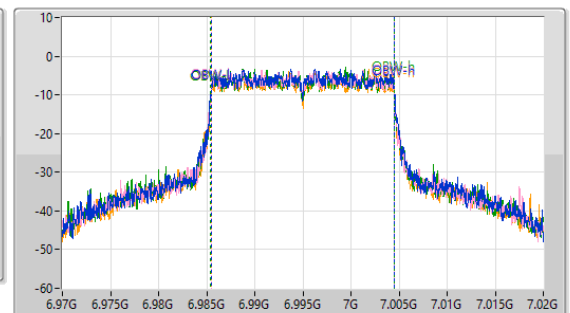
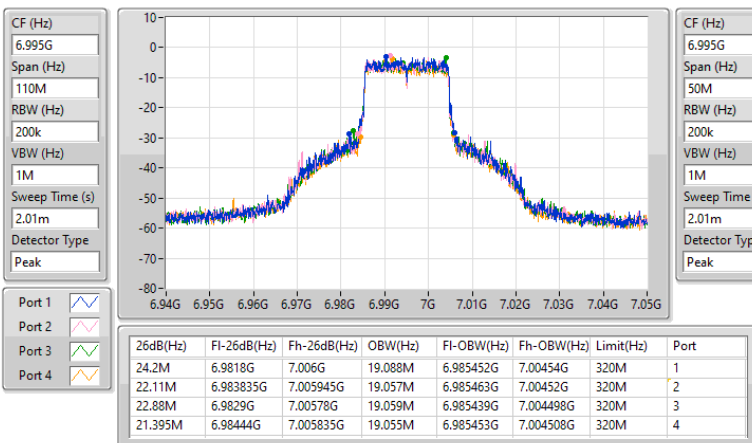


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

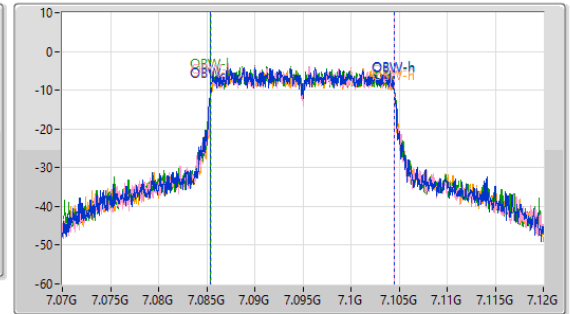
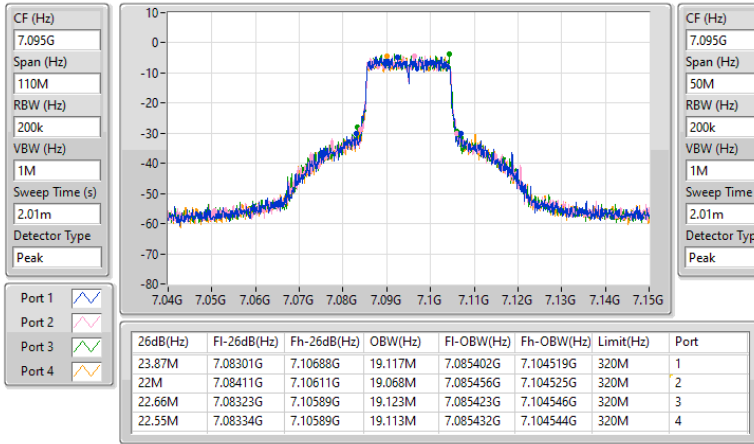
6995MHz

29/11/2025

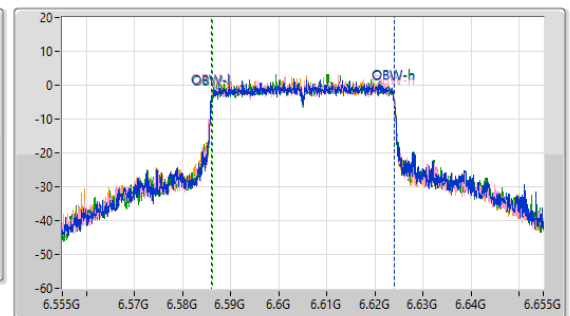
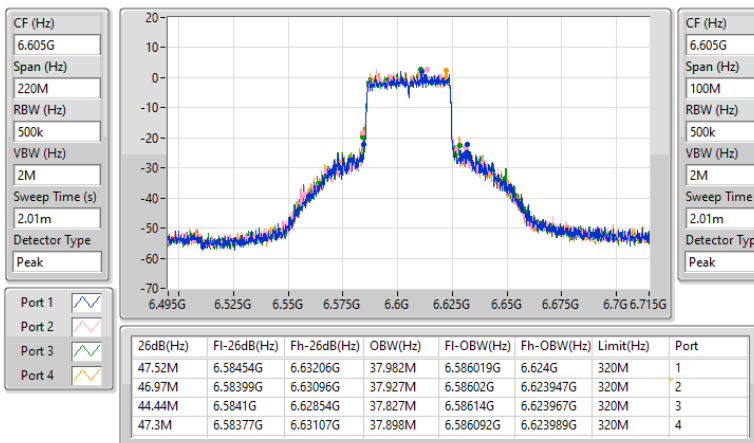


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
7095MHz

29/11/2025


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6605MHz

29/11/2025

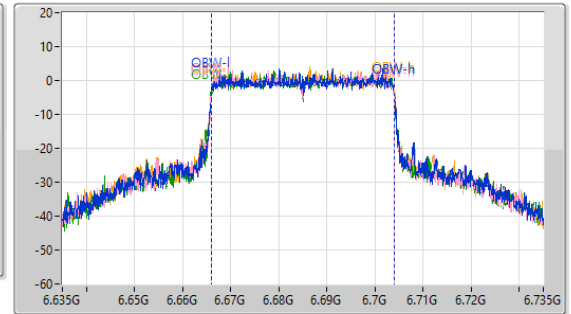
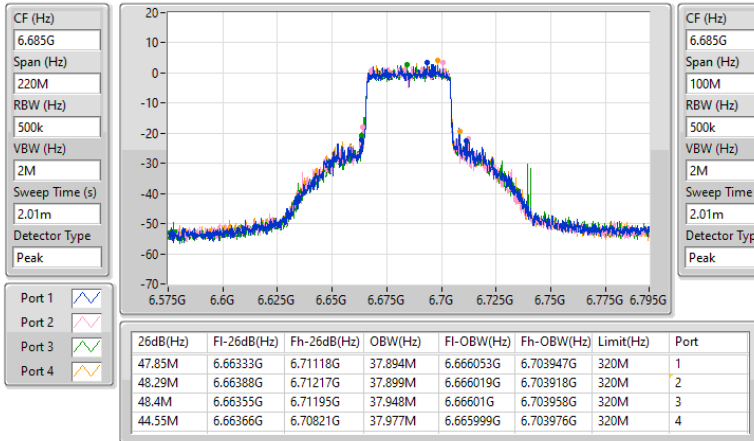


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

29/11/2025

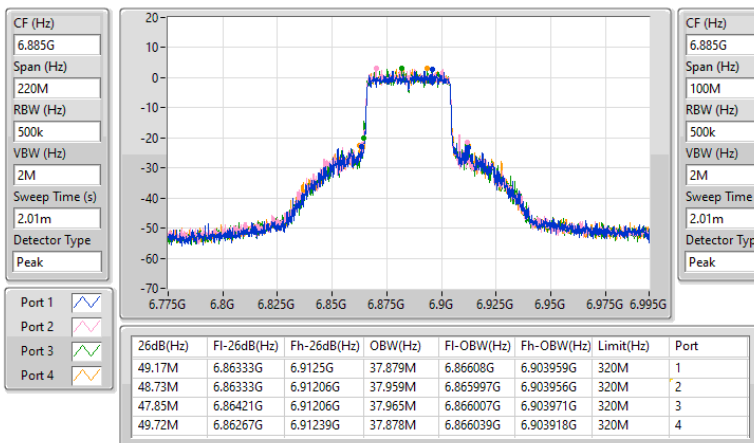


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

29/11/2025

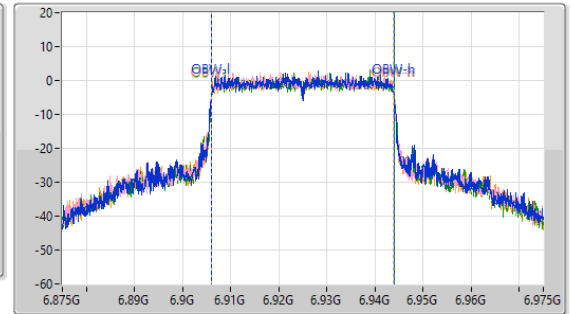
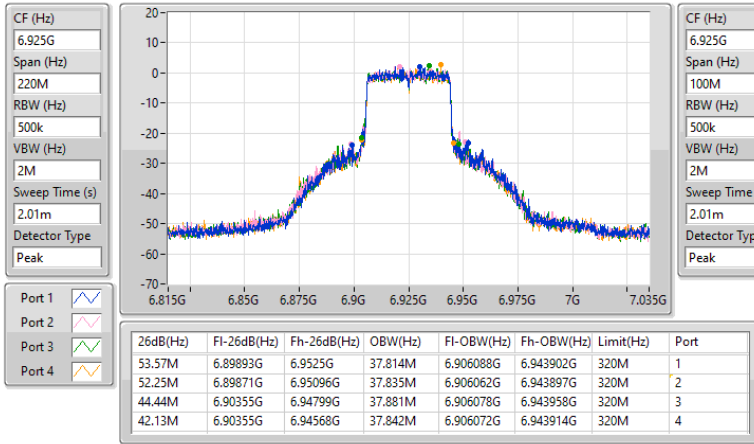


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

29/11/2025

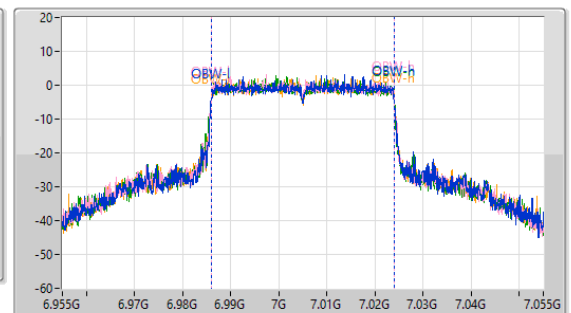
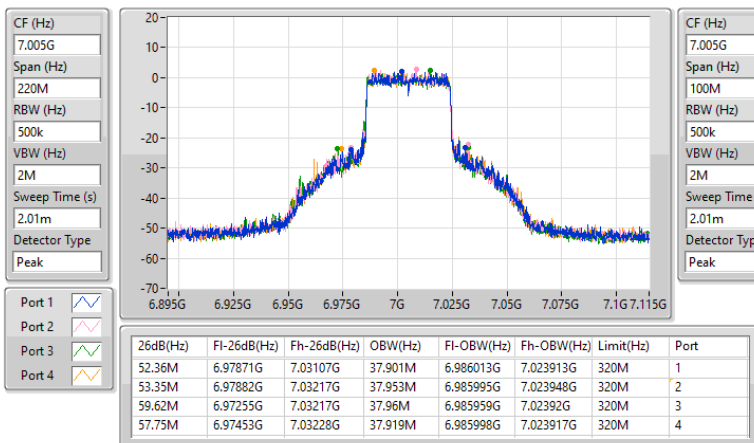


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

29/11/2025

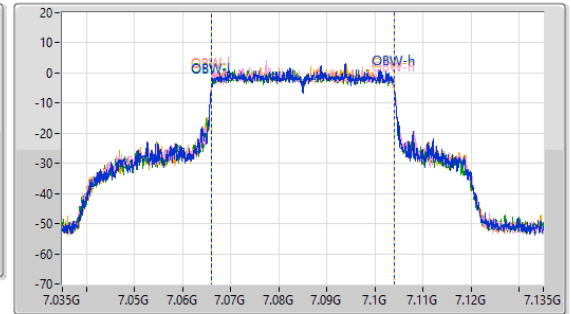
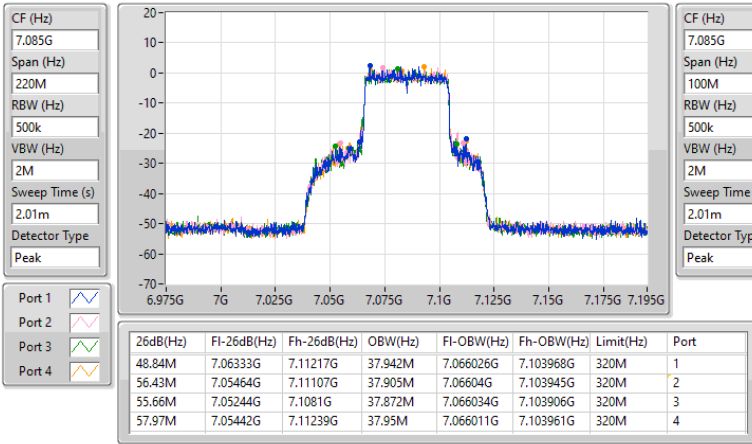


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7085MHz

29/11/2025

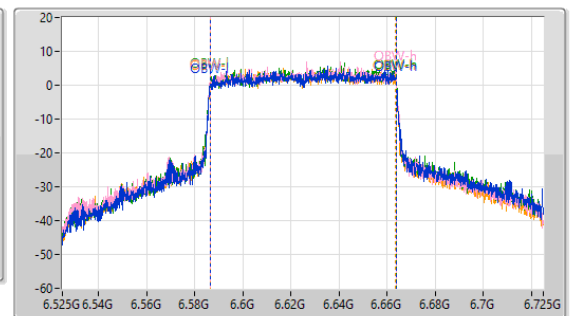
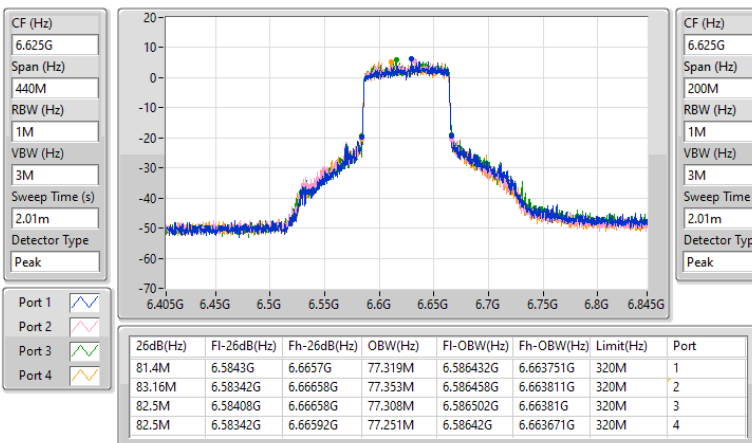


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

29/11/2025

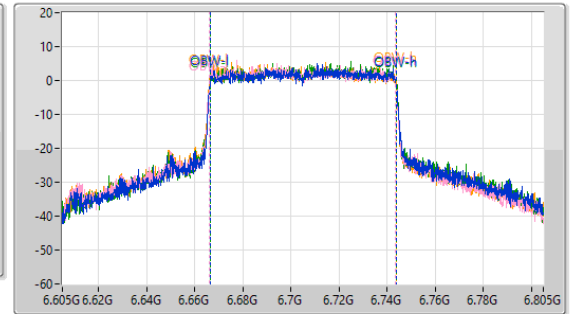
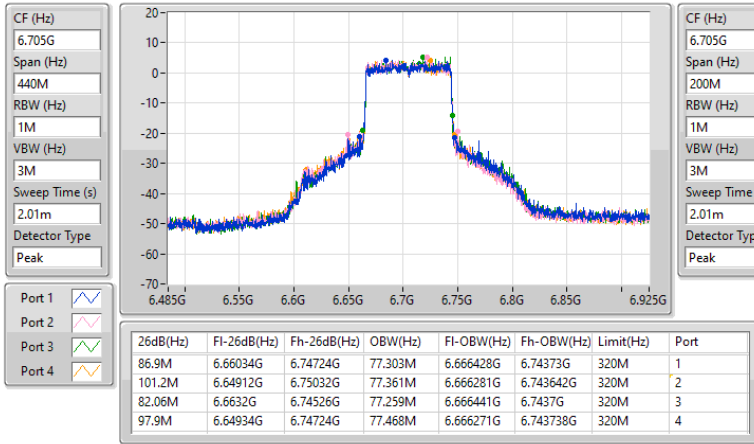


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

29/11/2025

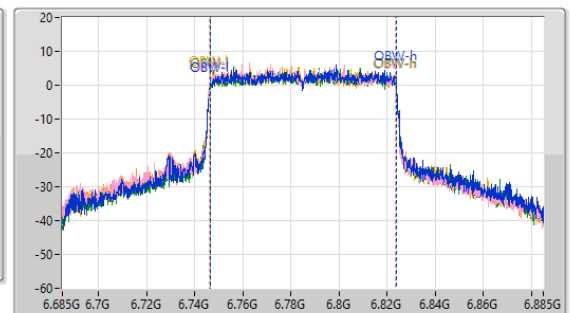
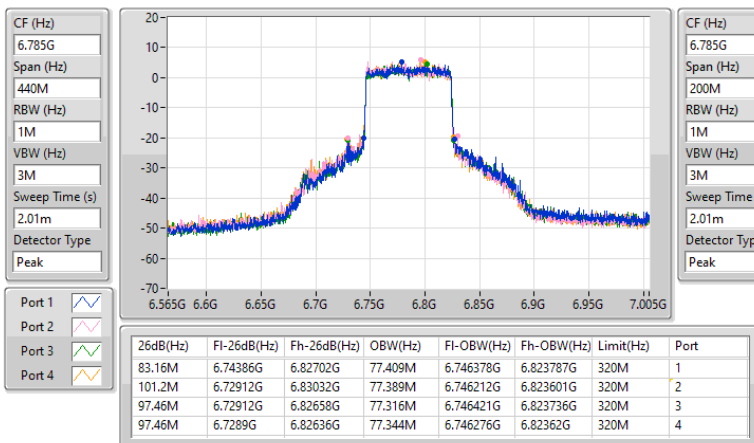


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

29/11/2025

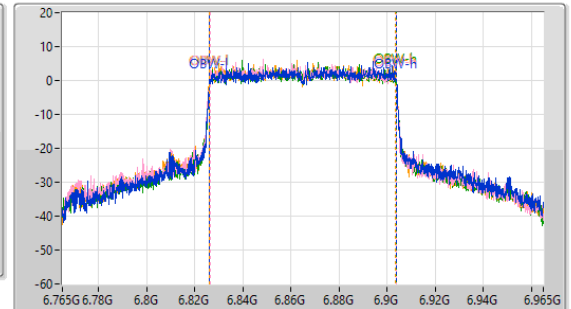
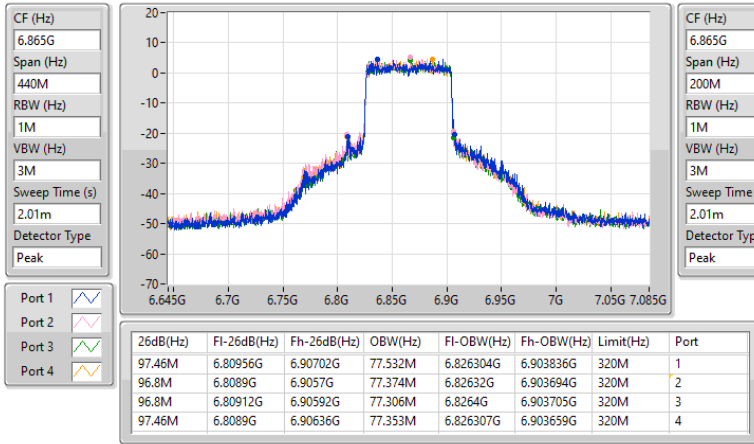


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

29/11/2025

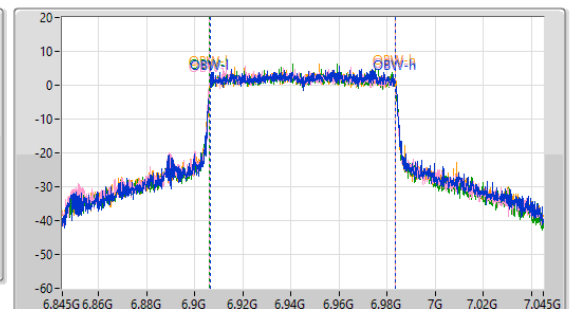
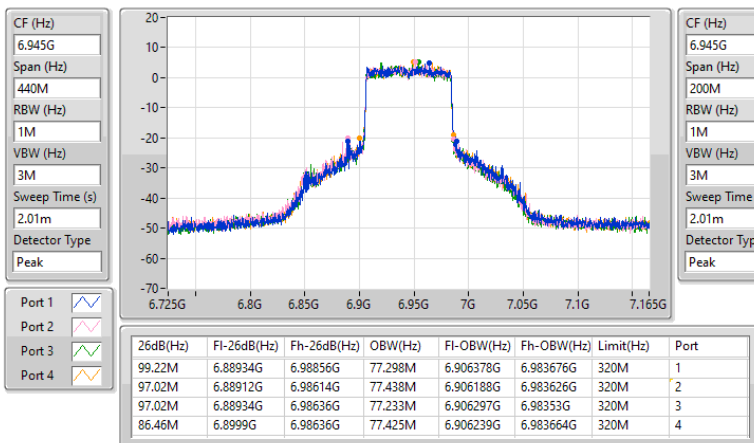


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6945MHz

29/11/2025

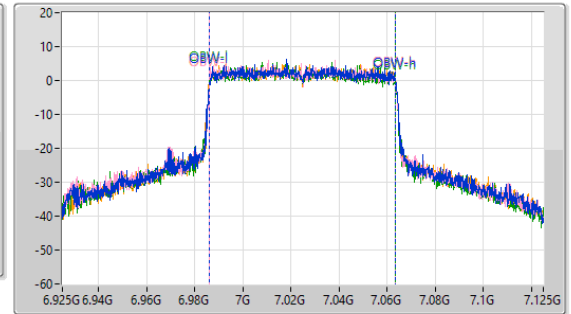
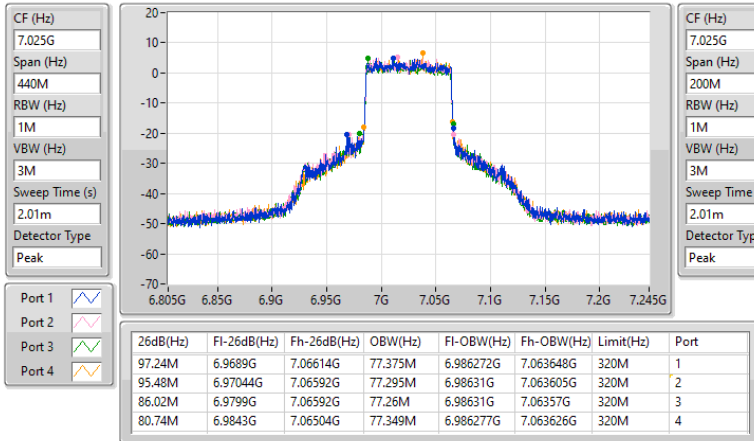


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

29/11/2025

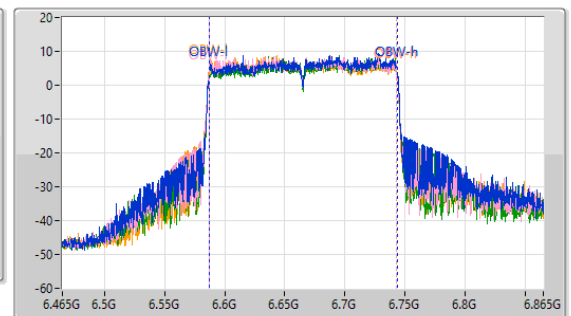
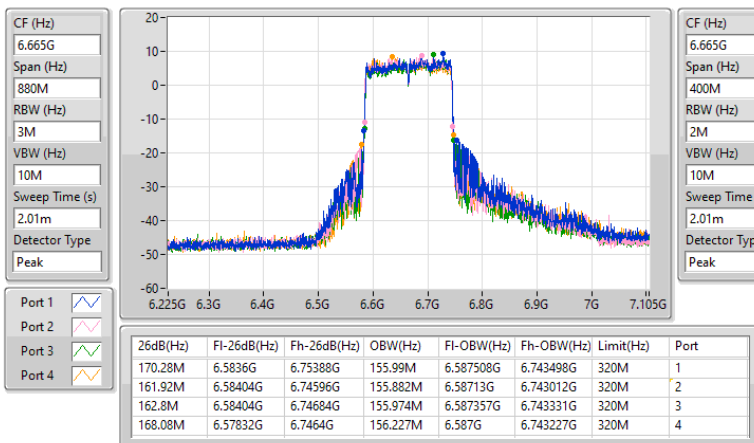


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

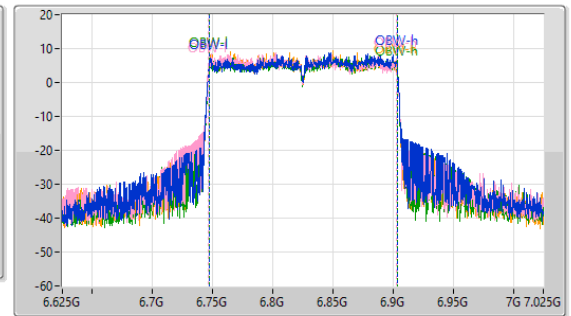
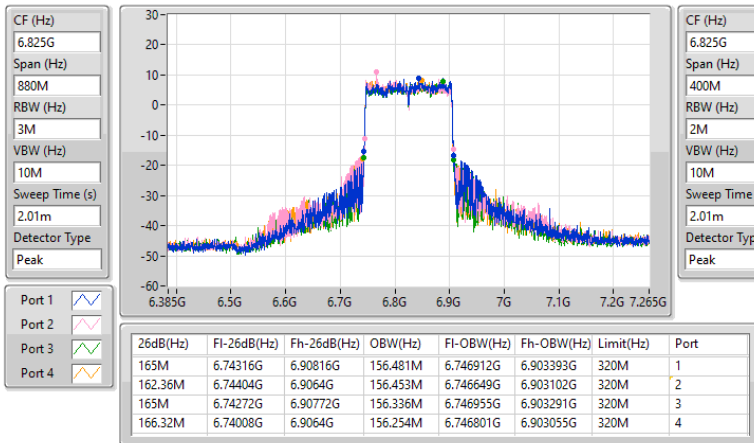
6665MHz

29/11/2025

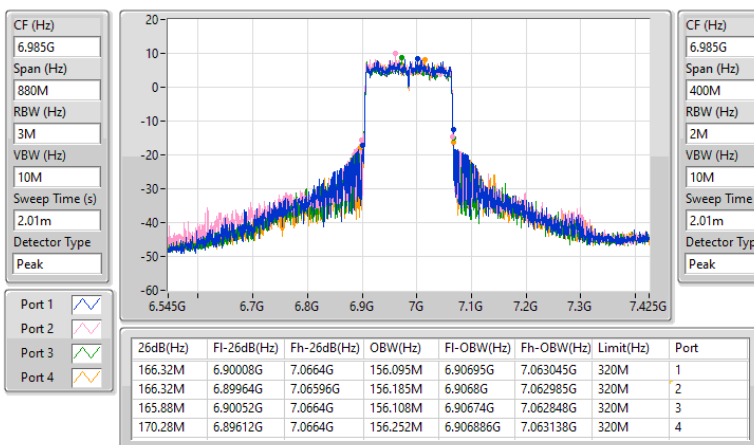


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6825MHz

29/11/2025


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX
EBW
6985MHz

29/11/2025



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	49.335M	25.525M	25M5D1D	33.44M	19.189M
802.11be EHT20_Nss2,(MCS0)_2TX	56.485M	36.974M	37M0D1D	39.27M	19.352M
802.11be EHT20_Nss1,(MCS0)_4TX	55.22M	37.705M	37M7D1D	42.955M	20.197M
802.11be EHT20_Nss4,(MCS0)_4TX	66.055M	36.658M	36M7D1D	44.275M	20.392M
802.11be EHT40_Nss1,(MCS0)_1TX	95.48M	48.409M	48M4D1D	68.2M	38.136M
802.11be EHT40_Nss2,(MCS0)_2TX	99.77M	56.88M	56M9D1D	78.21M	38.657M
802.11be EHT40_Nss1,(MCS0)_4TX	104.39M	65.72M	65M7D1D	82.83M	39.618M
802.11be EHT40_Nss4,(MCS0)_4TX	104.28M	63.319M	63M3D1D	83.27M	40.464M
802.11be EHT80_Nss1,(MCS0)_1TX	194.92M	96.121M	96M1D1D	175.12M	79.941M
802.11be EHT80_Nss2,(MCS0)_2TX	205.26M	112.395M	112MD1D	180.62M	81.169M
802.11be EHT80_Nss1,(MCS0)_4TX	208.78M	129.89M	130MD1D	165.22M	86.581M
802.11be EHT80_Nss4,(MCS0)_4TX	221.76M	138.817M	139MD1D	181.94M	87.867M
802.11be EHT160_Nss1,(MCS0)_1TX	310.2M	172.691M	173MD1D	310.2M	172.691M
802.11be EHT160_Nss2,(MCS0)_2TX	319M	168.586M	169MD1D	301.4M	158.334M
802.11be EHT160_Nss1,(MCS0)_4TX	319.88M	169.409M	169MD1D	254.32M	157.201M
802.11be EHT160_Nss4,(MCS0)_4TX	316.8M	172.616M	173MD1D	260.92M	157.634M

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	49.335M	25.525M						
6695MHz	Pass	320M	47.08M	25.126M						
6855MHz	Pass	320M	33.44M	19.189M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	88.66M	48.409M						
6685MHz	Pass	320M	95.48M	47.765M						
6845MHz	Pass	320M	68.2M	38.136M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	175.12M	92.914M						
6705MHz	Pass	320M	194.92M	96.121M						
6785MHz	Pass	320M	181.5M	79.941M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	310.2M	172.691M						
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	56.485M	27.075M	56.32M	36.974M				
6695MHz	Pass	320M	50.875M	29.839M	47.19M	20.07M				
6855MHz	Pass	320M	39.27M	19.352M	47.52M	19.58M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	90.97M	47.797M	92.73M	56.201M				
6685MHz	Pass	320M	99.77M	56.88M	90.64M	42.565M				
6845MHz	Pass	320M	78.21M	38.657M	89.54M	40.491M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	180.62M	91.792M	195.58M	112.395M				
6705MHz	Pass	320M	193.38M	96.044M	197.56M	86.414M				
6785MHz	Pass	320M	190.96M	96.325M	205.26M	81.169M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	319M	168.586M	301.4M	158.334M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	45.65M	27.919M	53.845M	37.705M	55.22M	36.634M	54.78M	35.338M
6695MHz	Pass	320M	52.085M	29.509M	46.365M	21.964M	42.955M	20.441M	52.8M	33.644M
6855MHz	Pass	320M	45.43M	26.351M	47.685M	27.568M	44.22M	20.197M	49.72M	28.099M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	90.31M	50.806M	99.44M	58.35M	96.91M	60.72M	104.39M	65.72M
6685MHz	Pass	320M	100.76M	55.015M	96.14M	47.01M	91.41M	49.266M	94.38M	55.872M
6845MHz	Pass	320M	91.96M	40.577M	91.52M	46.155M	82.83M	39.618M	90.42M	49.452M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	165.22M	86.581M	196.02M	119.429M	205.26M	129.89M	191.18M	118.338M
6705MHz	Pass	320M	197.34M	111.304M	188.98M	106.277M	206.8M	117.145M	201.52M	110.321M
6785MHz	Pass	320M	208.78M	117.032M	194.48M	103.798M	193.6M	86.61M	188.54M	97.986M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	319.88M	169.409M	291.28M	158.065M	254.32M	157.201M	271.92M	158.718M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	51.865M	25.109M	61.765M	36.658M	58.08M	35.182M	52.36M	33.466M
6695MHz	Pass	320M	66.055M	27.903M	48.62M	26.459M	49.335M	25.841M	52.525M	32.08M
6855MHz	Pass	320M	48.675M	25.937M	48.675M	25.347M	44.275M	20.392M	47.465M	26.213M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	88M	44.992M	96.47M	60.311M	104.28M	61.086M	98.45M	63.319M
6685MHz	Pass	320M	92.95M	54.311M	101.31M	62.134M	101.75M	62.114M	99.33M	62.722M
6845MHz	Pass	320M	83.27M	40.814M	99.11M	48.606M	87.89M	40.464M	96.69M	47.891M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	181.94M	102.298M	207.24M	124.667M	210.98M	131.16M	197.78M	120.583M
6705MHz	Pass	320M	197.12M	114.294M	217.14M	135.253M	221.76M	138.817M	211.64M	123.648M
6785MHz	Pass	320M	205.48M	117.196M	197.56M	88.724M	183.04M	87.867M	188.76M	115.906M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-



EBW_Mode 3

Appendix B.3

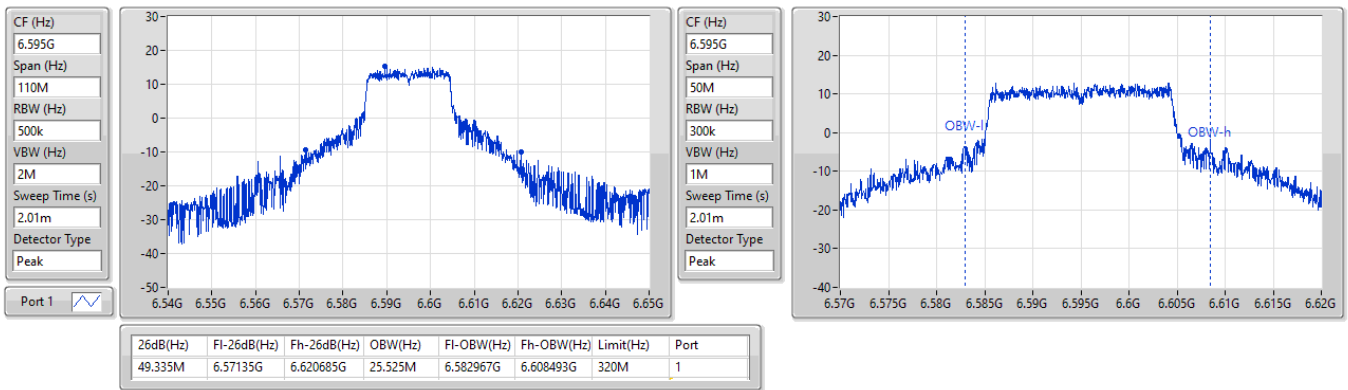
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6665MHz	Pass	320M	316.8M	172.616M	289.96M	160.532M	260.92M	157.634M	289.52M	160.008M

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

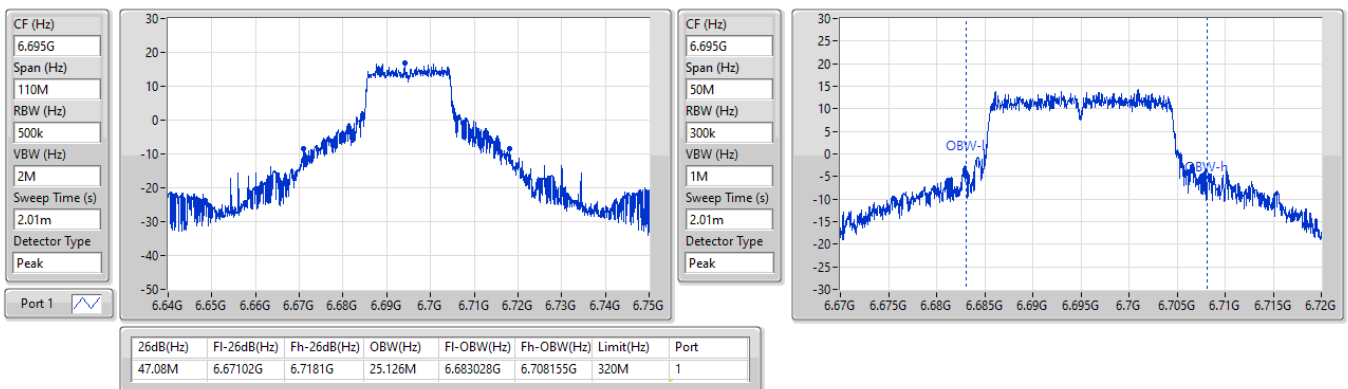
Port X-OBW = Port X 99% occupied bandwidth

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

21/01/2026

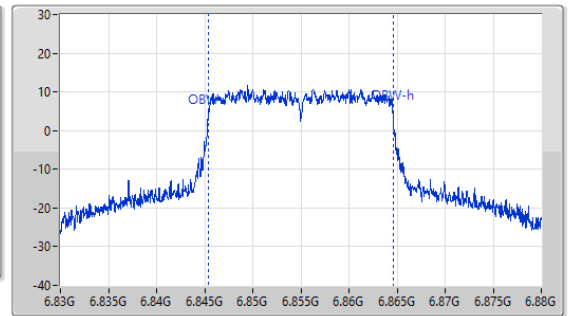
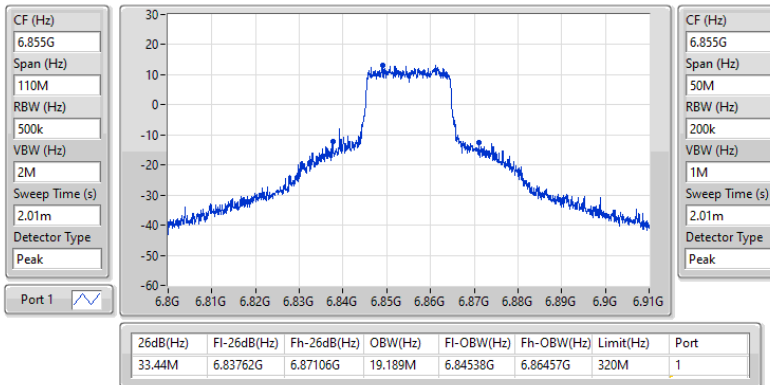

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

21/01/2026

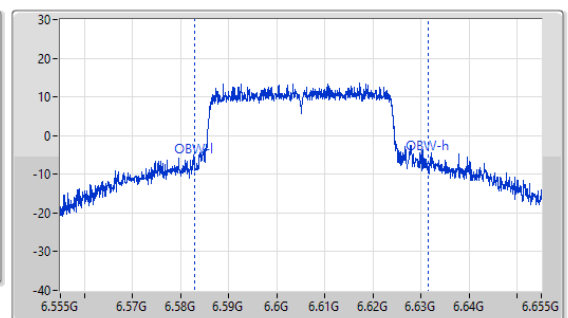
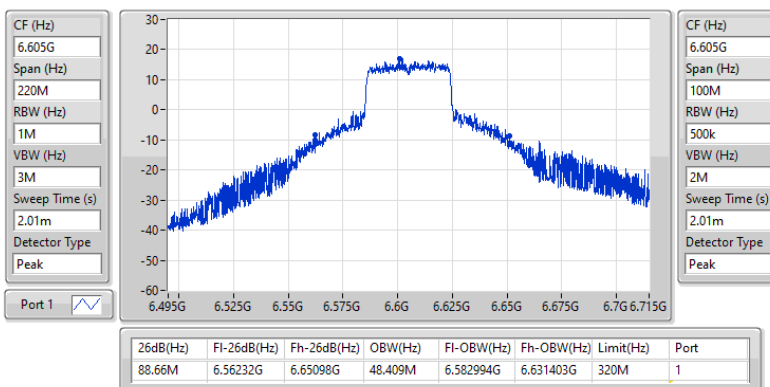


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

21/01/2026

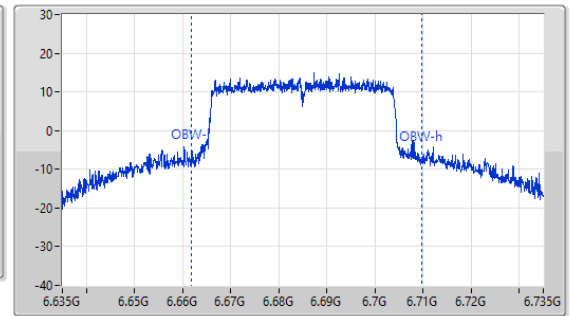
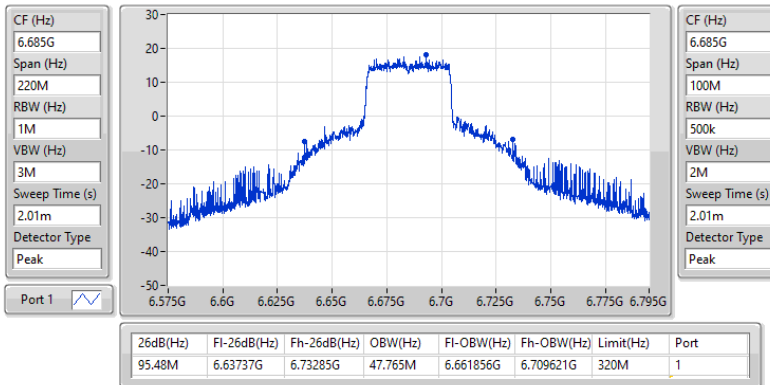

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6605MHz

21/01/2026

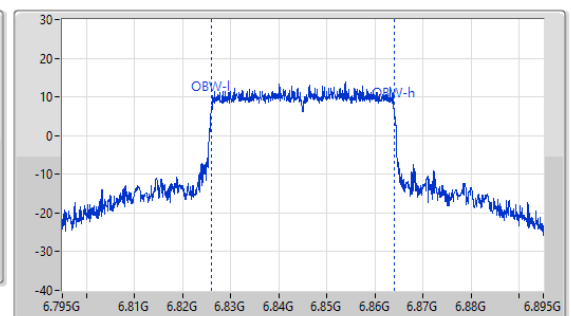
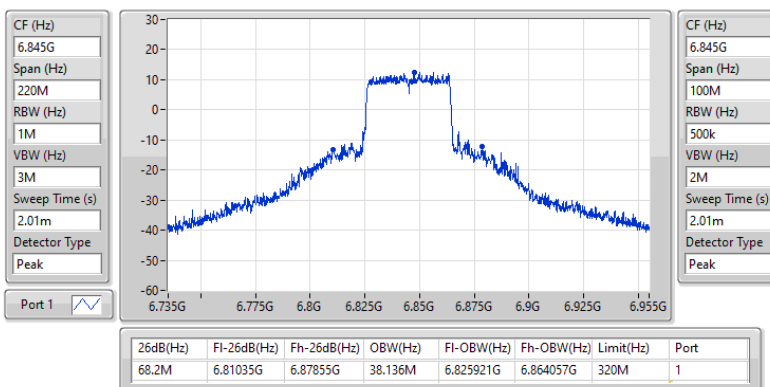


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

21/01/2026

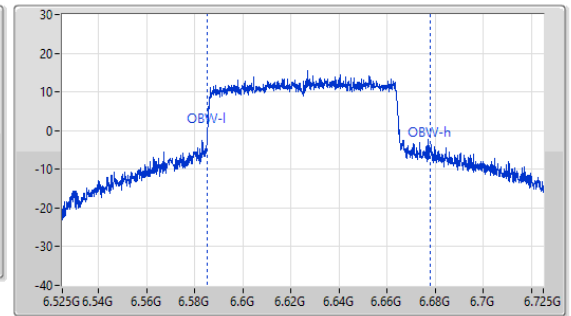
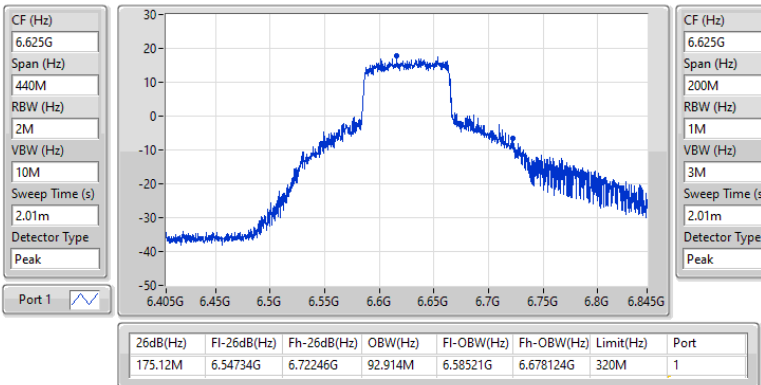

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

21/01/2026

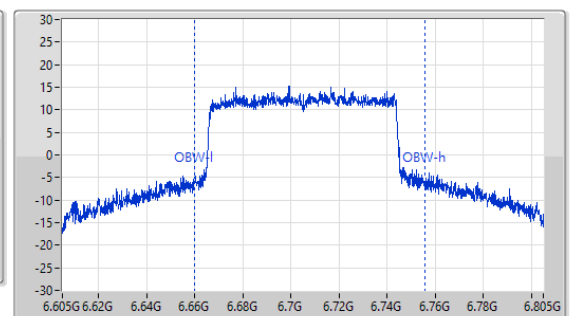
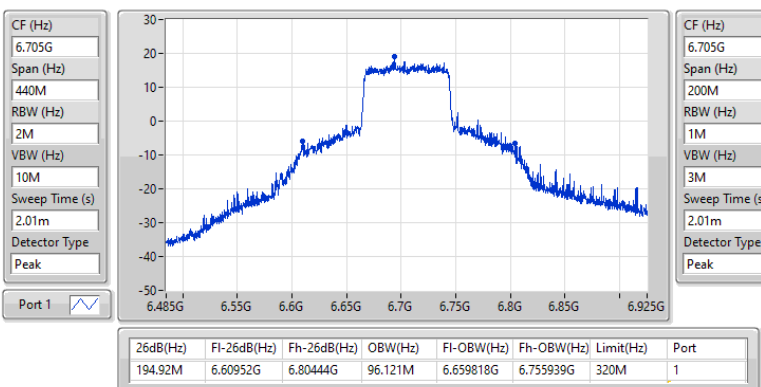


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

21/01/2026

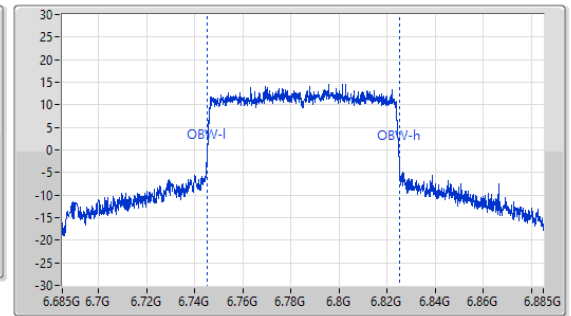
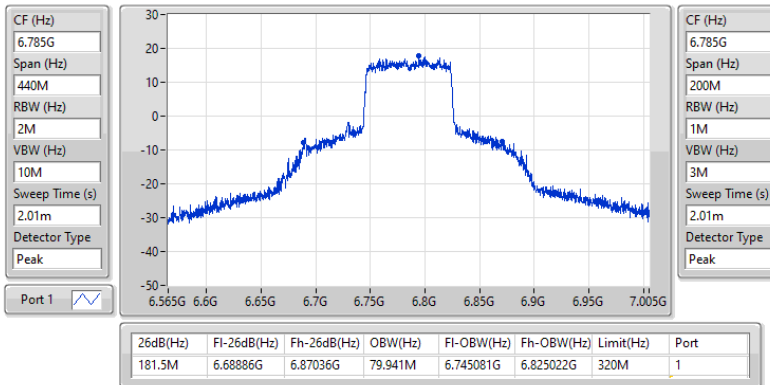

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

21/01/2026

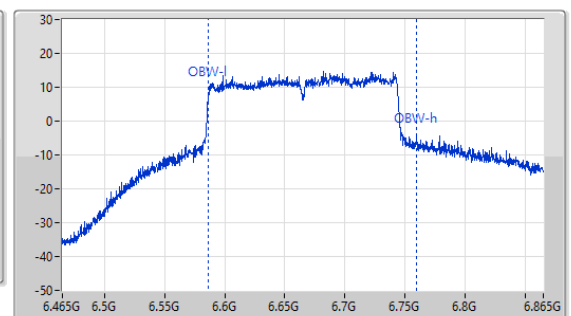
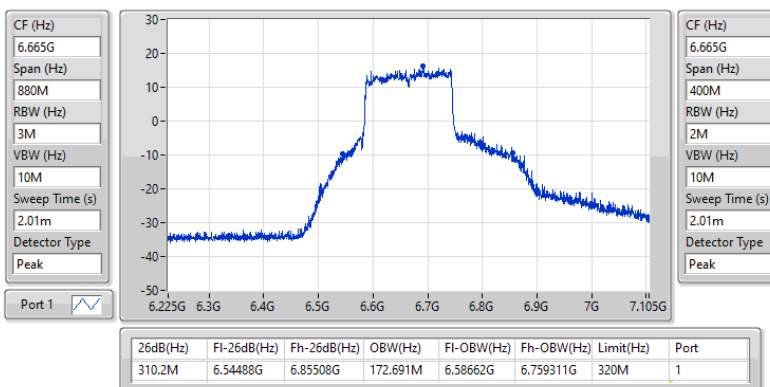


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

21/01/2026


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

21/01/2026

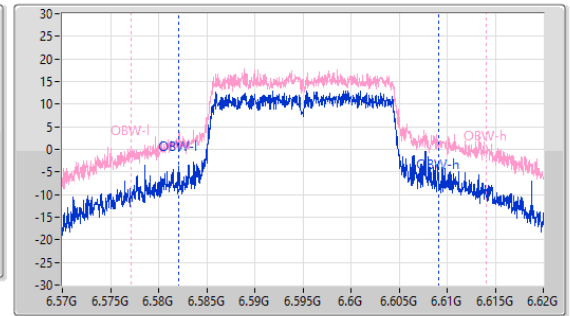
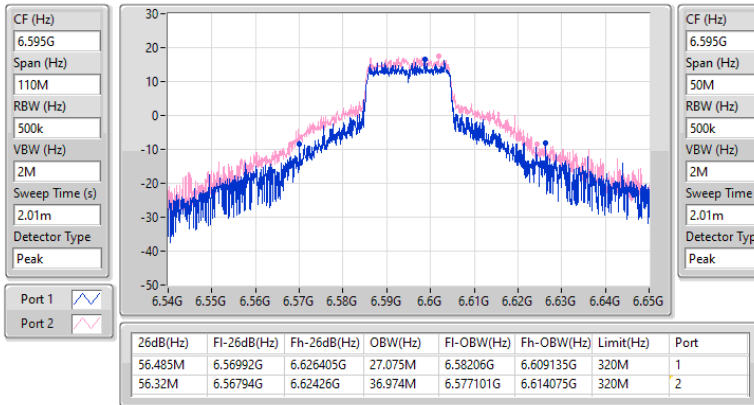


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6595MHz

21/01/2026

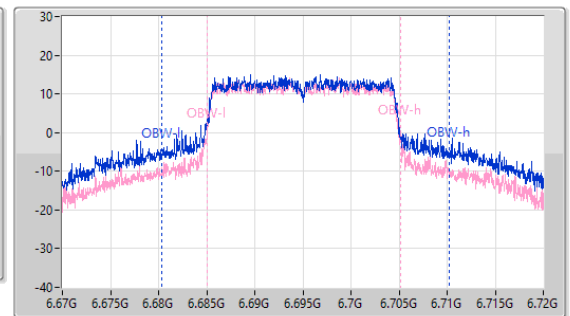
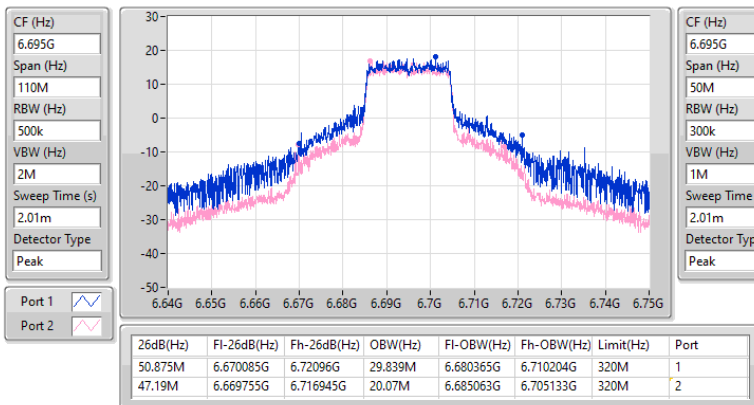


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

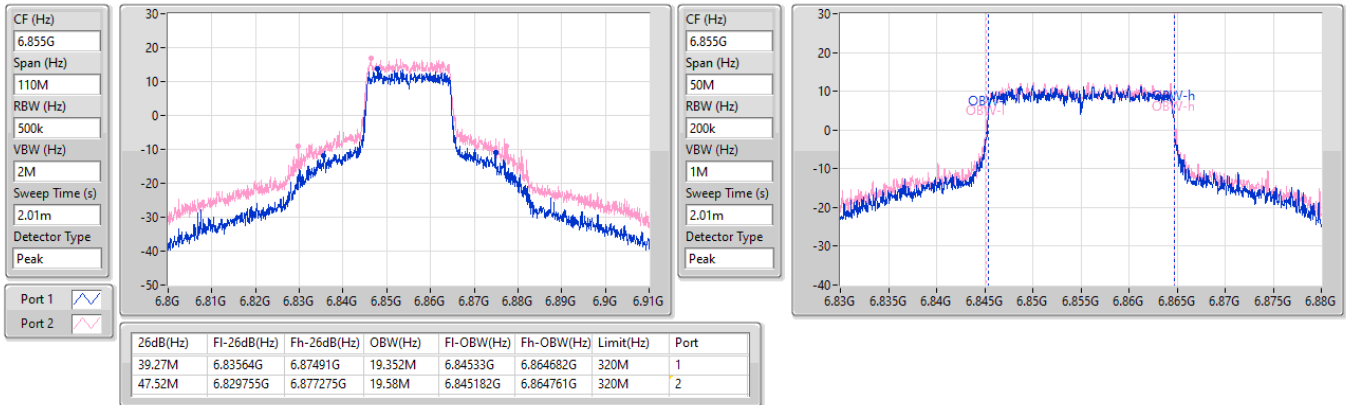
6695MHz

21/01/2026

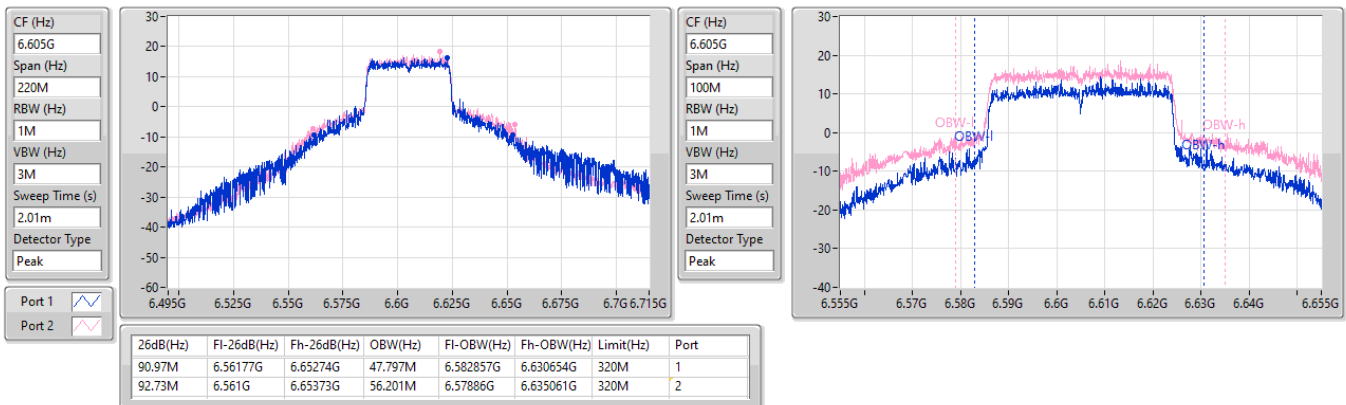


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6855MHz

21/01/2026

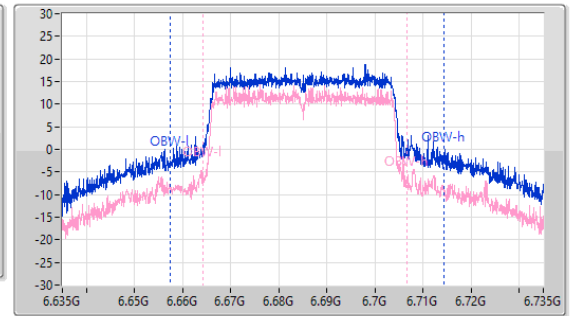
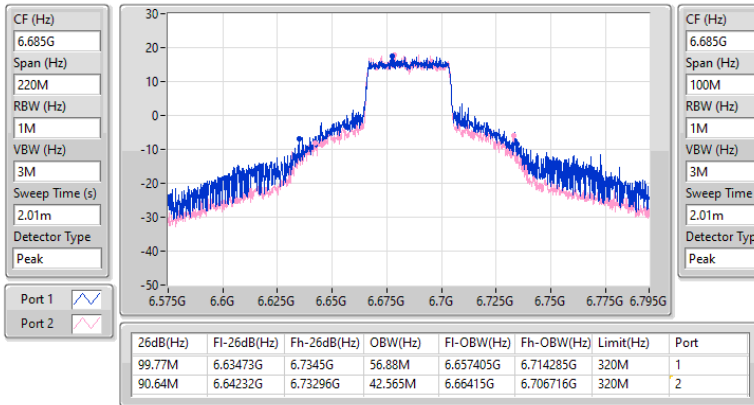

6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6605MHz

21/01/2026

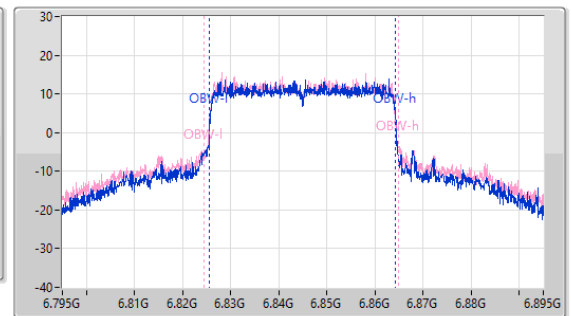
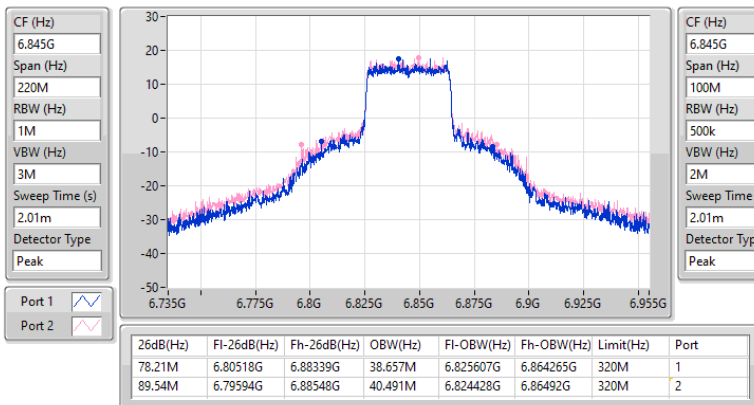


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6685MHz

21/01/2026


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

21/01/2026

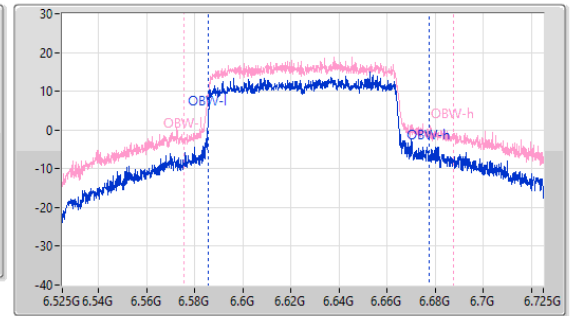
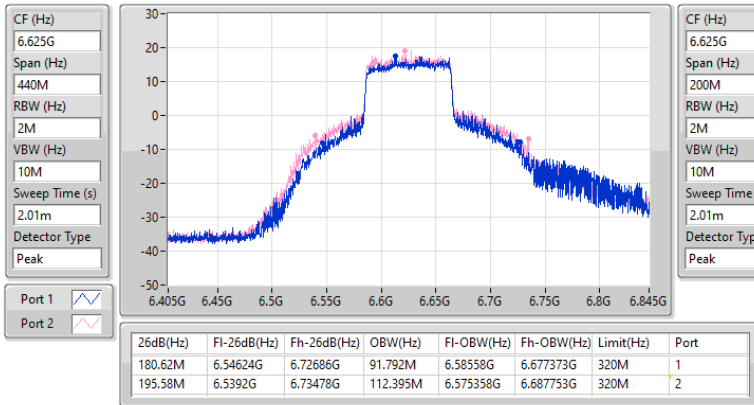


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6625MHz

21/01/2026

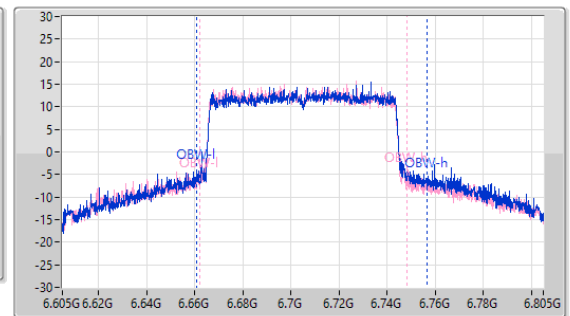
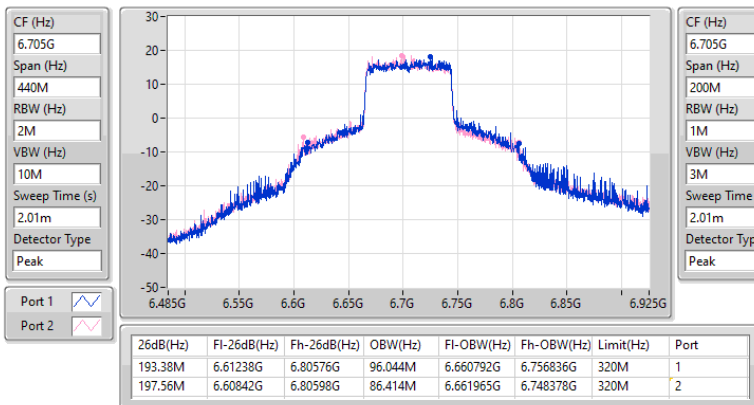


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

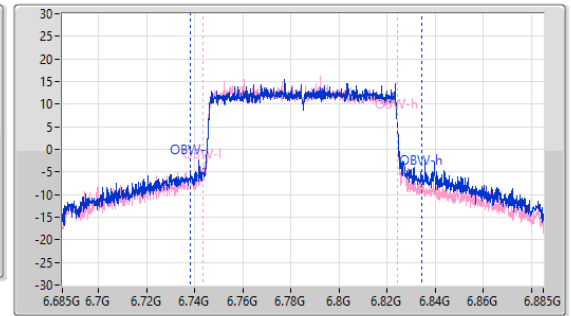
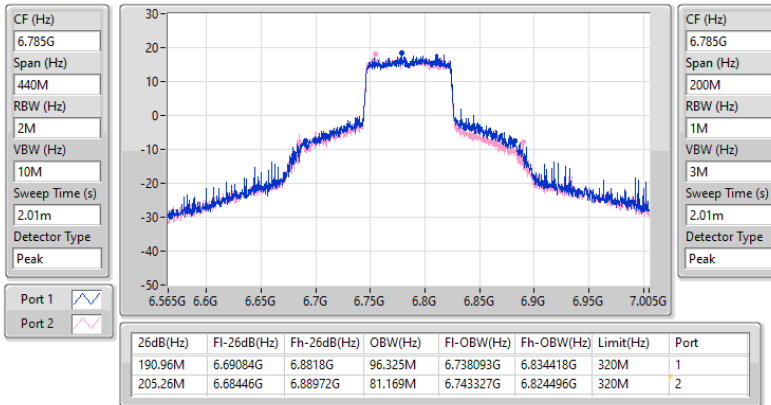
6705MHz

21/01/2026

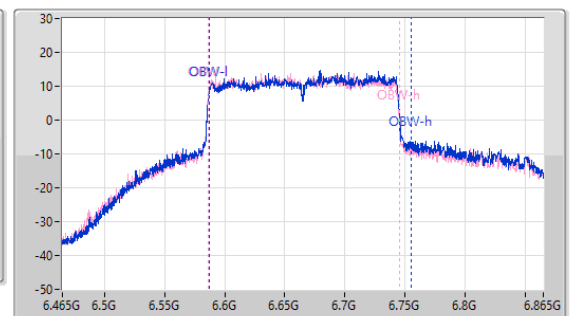
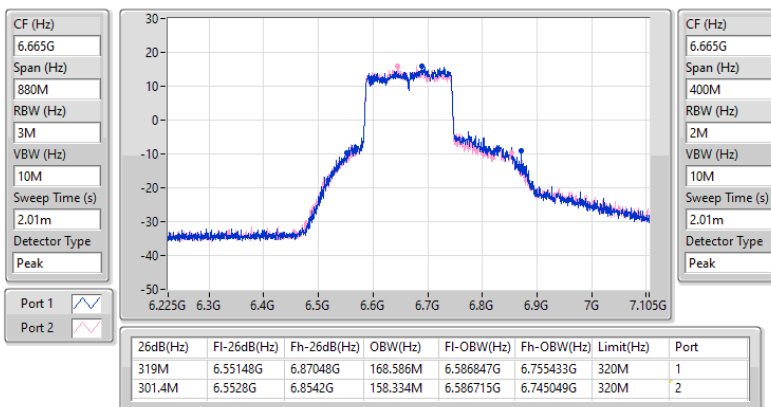


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6785MHz

21/01/2026


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

21/01/2026

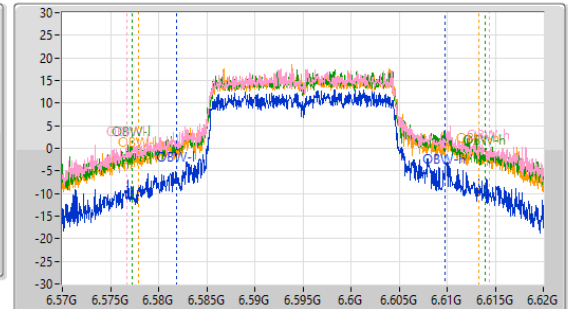
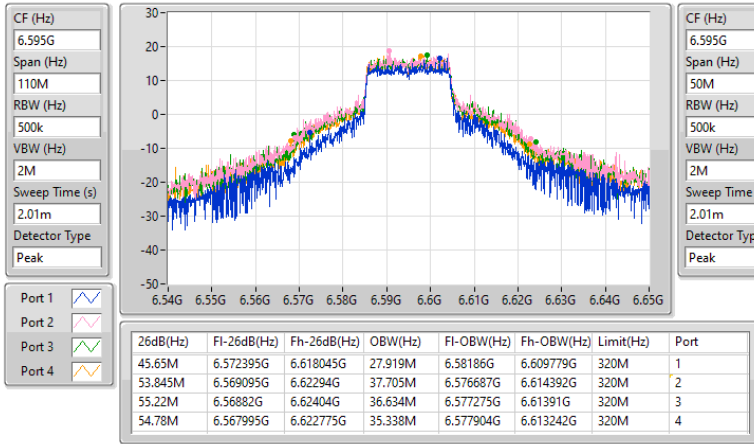


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6595MHz

21/01/2026

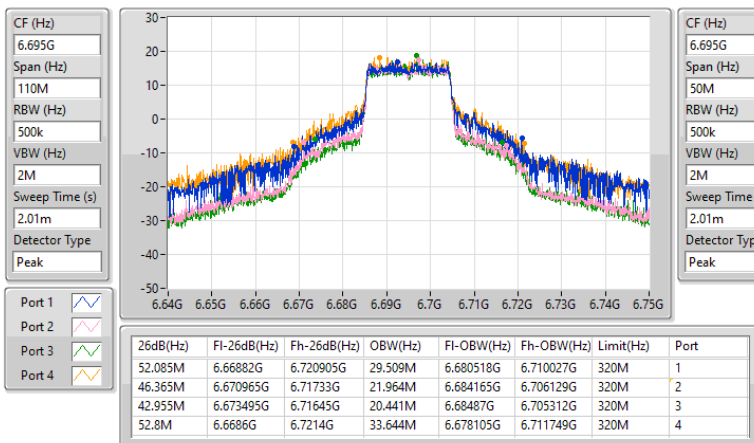


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

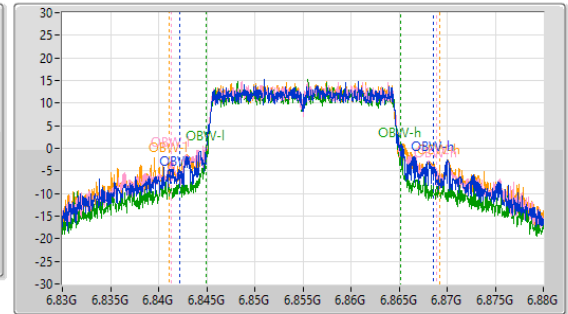
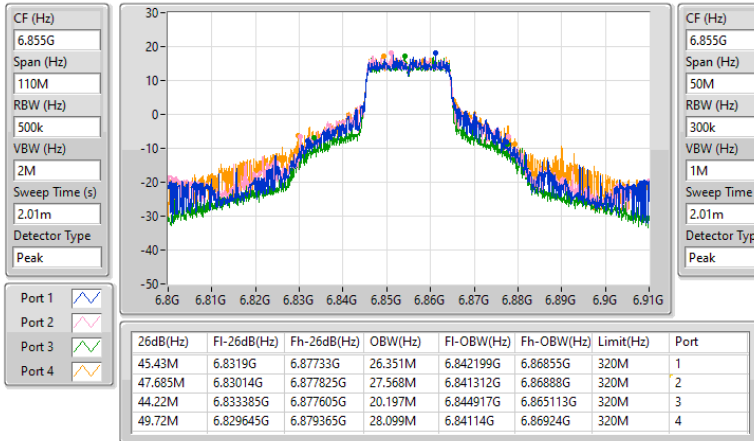
6695MHz

21/01/2026

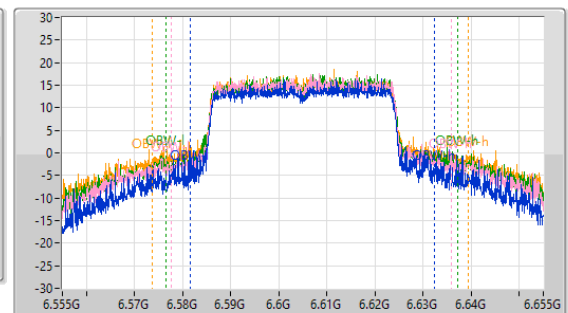
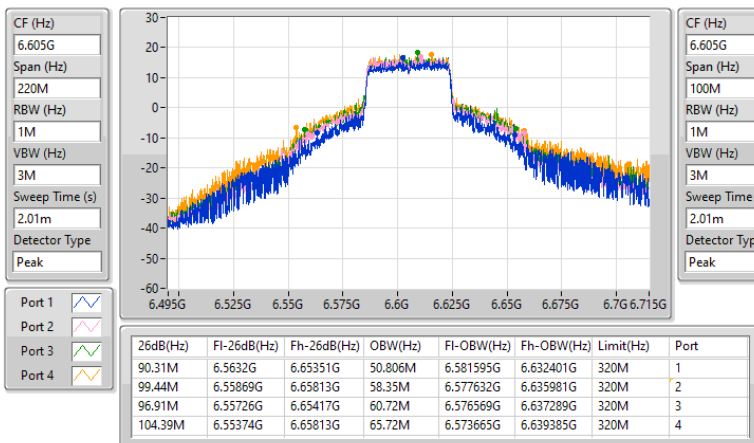


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6855MHz

21/01/2026

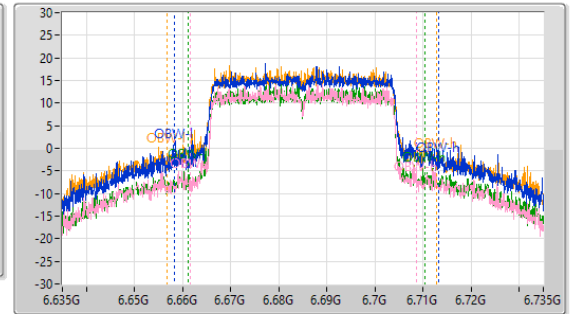
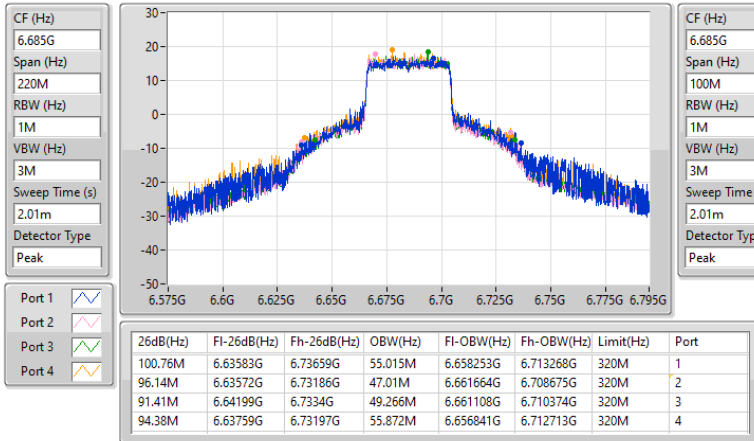

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6605MHz

21/01/2026

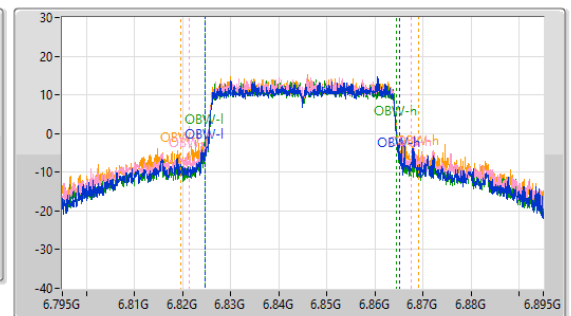
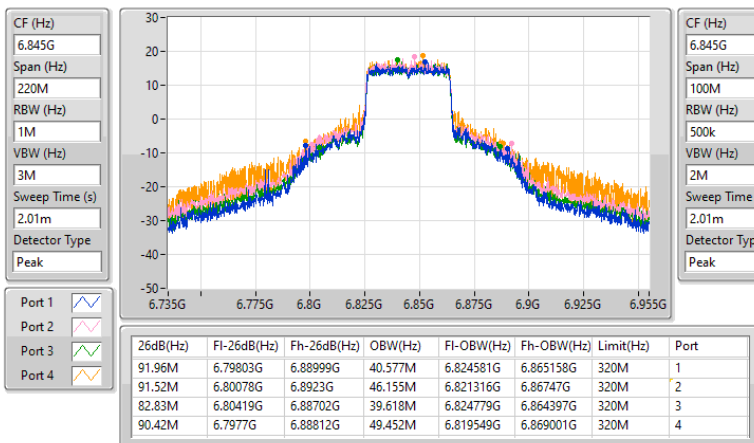


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

21/01/2026

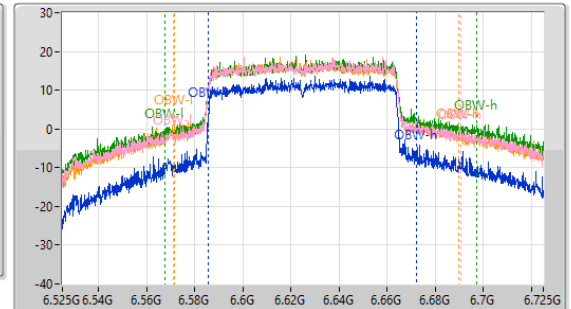
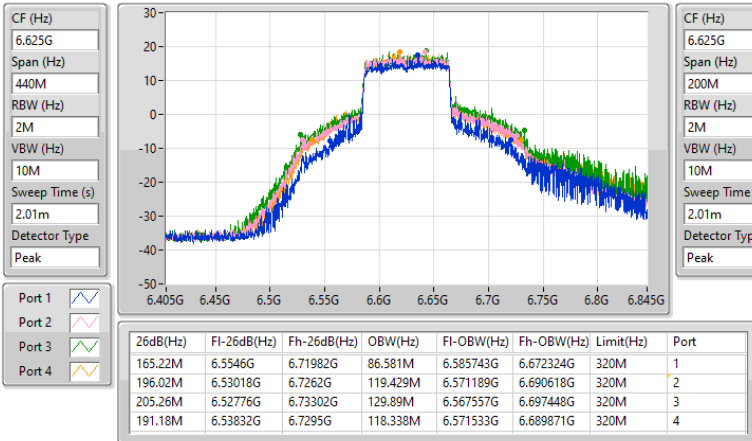

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

21/01/2026

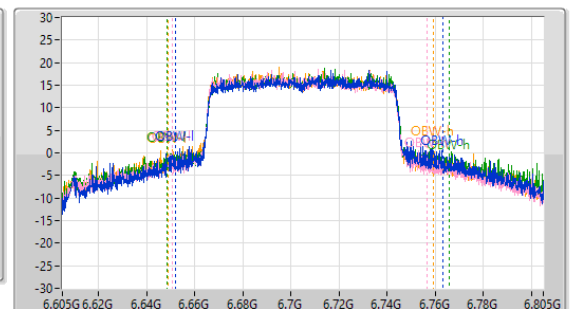
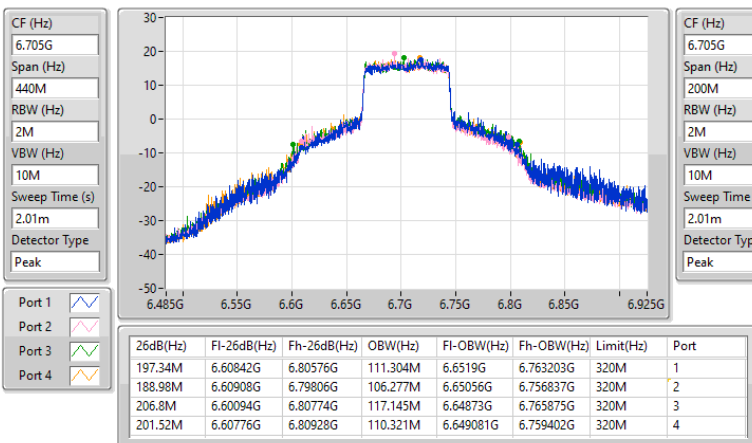


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6625MHz

21/01/2026

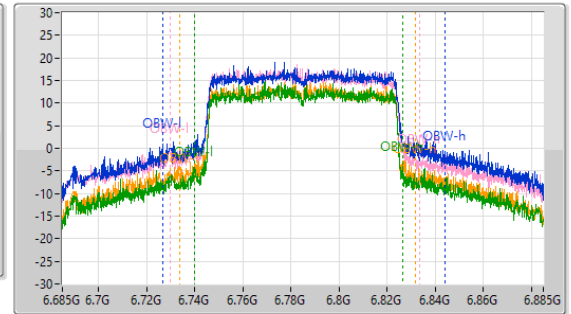
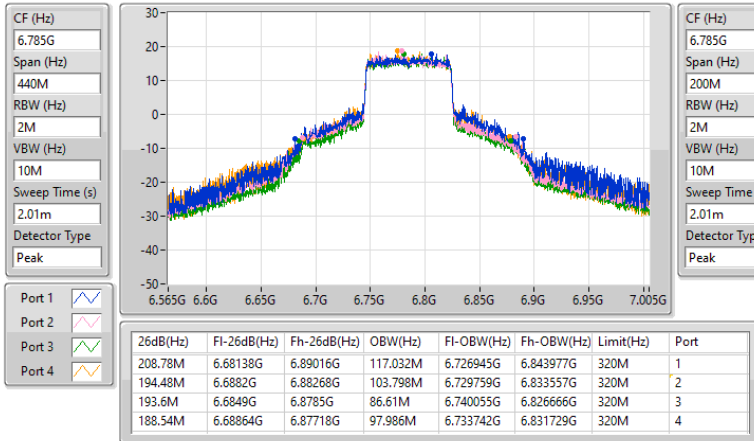

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6705MHz

21/01/2026

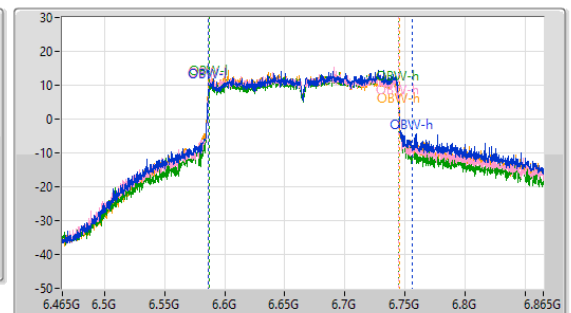
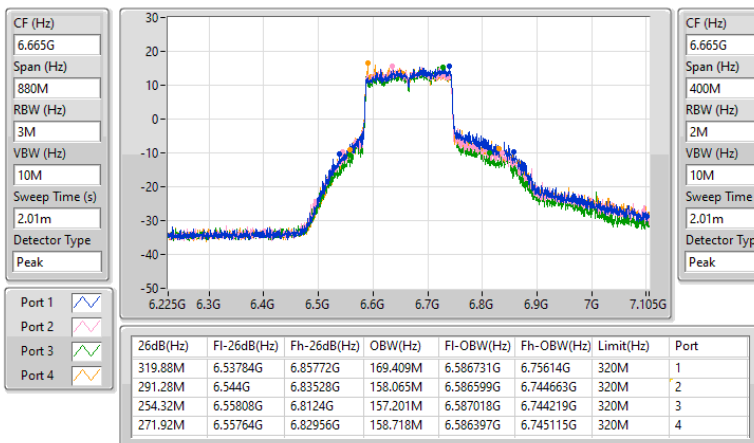


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6785MHz

22/01/2026


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

22/01/2026

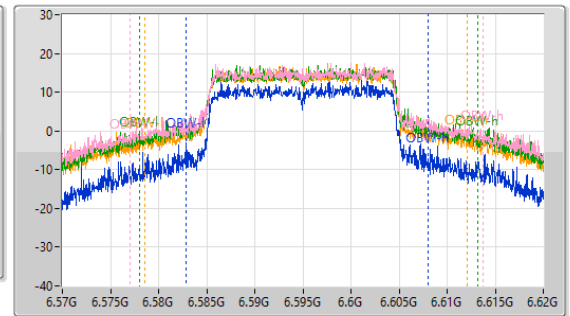
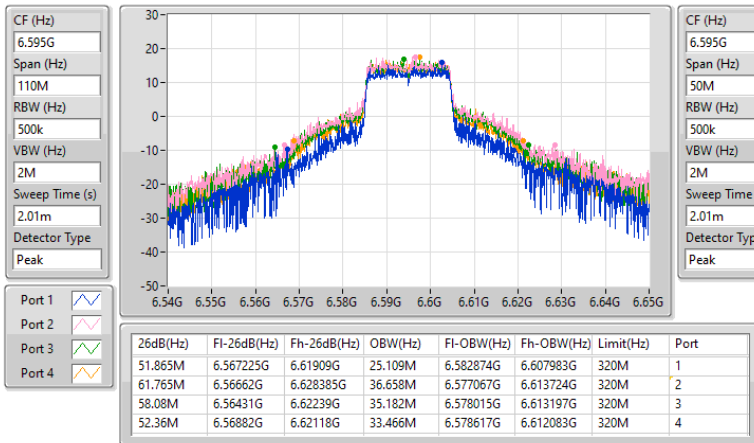


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6595MHz

22/01/2026

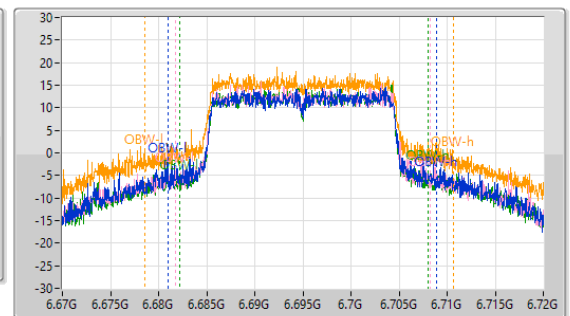
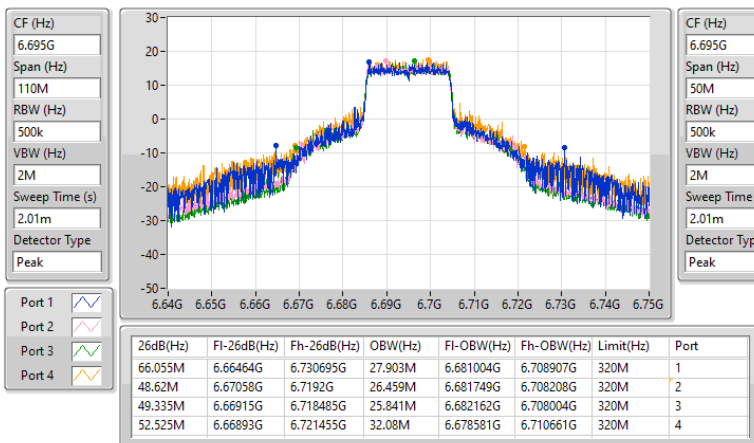


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

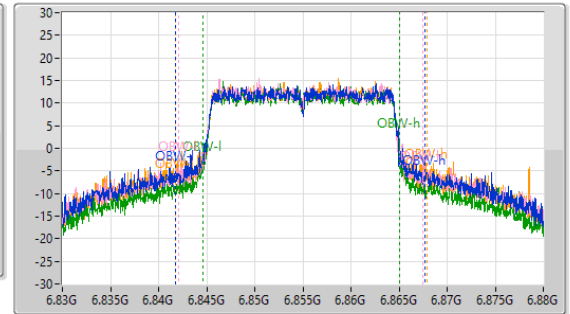
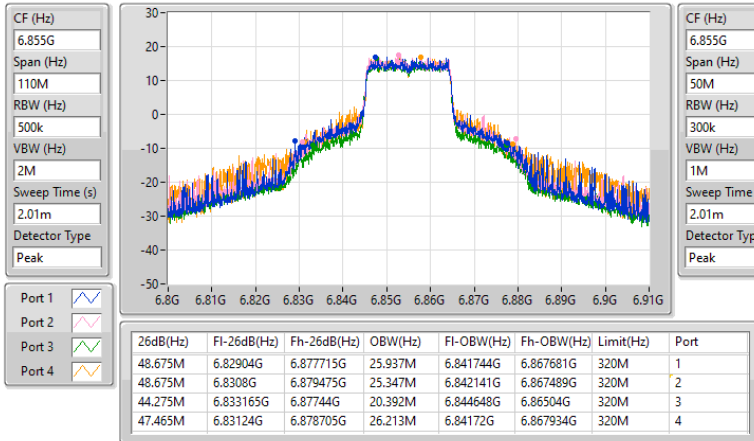
6695MHz

22/01/2026

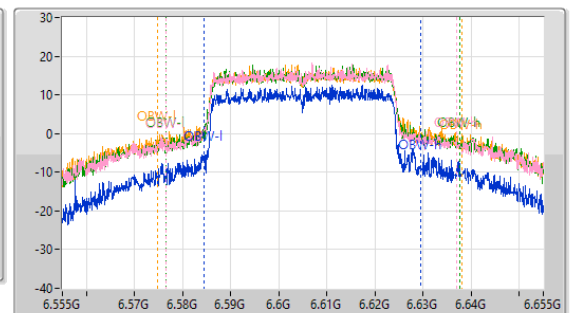
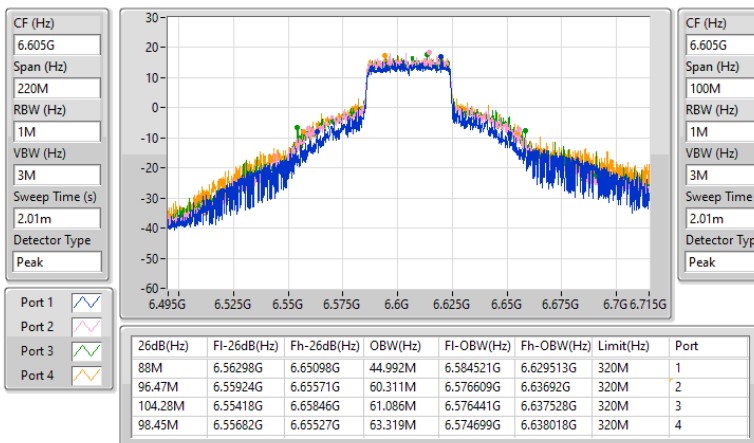


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
6855MHz

22/01/2026

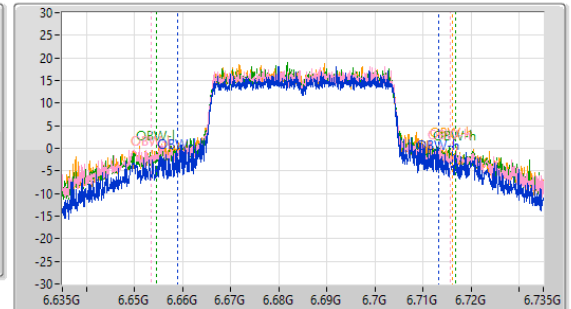
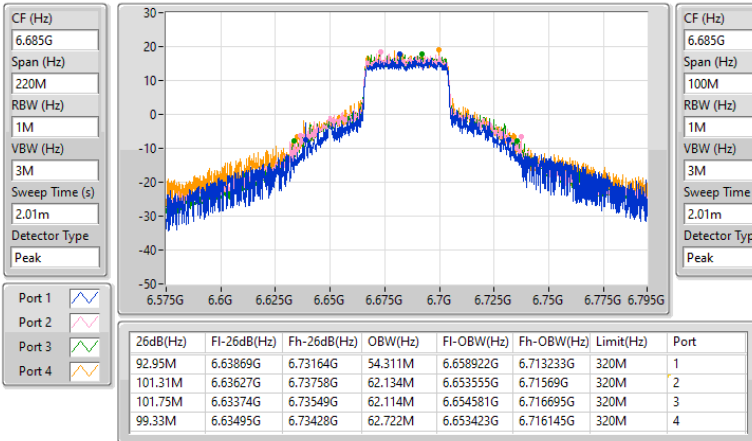

6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6605MHz

22/01/2026



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

22/01/2026

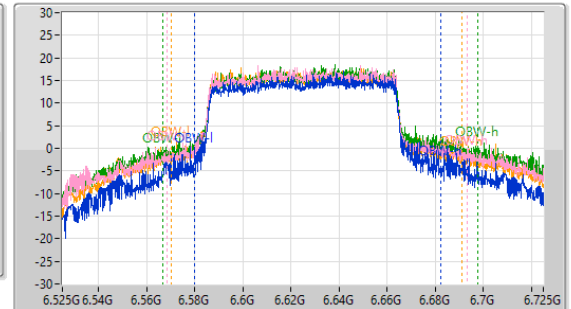
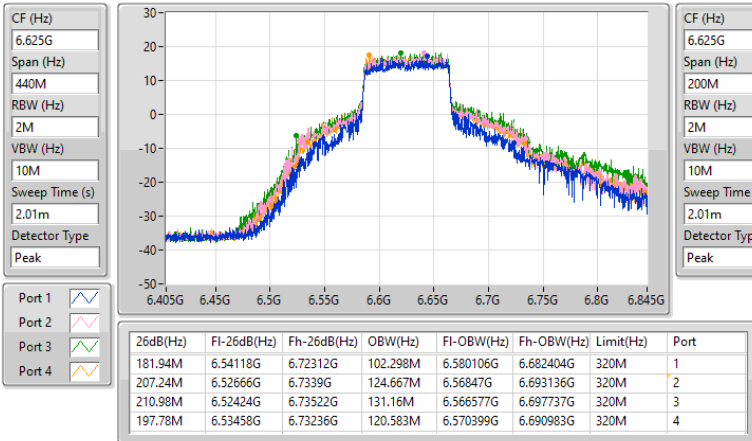

6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
6845MHz

22/01/2026

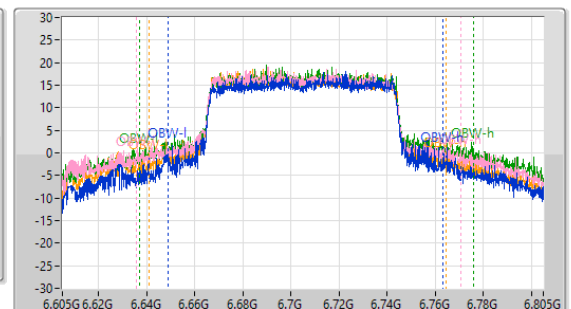
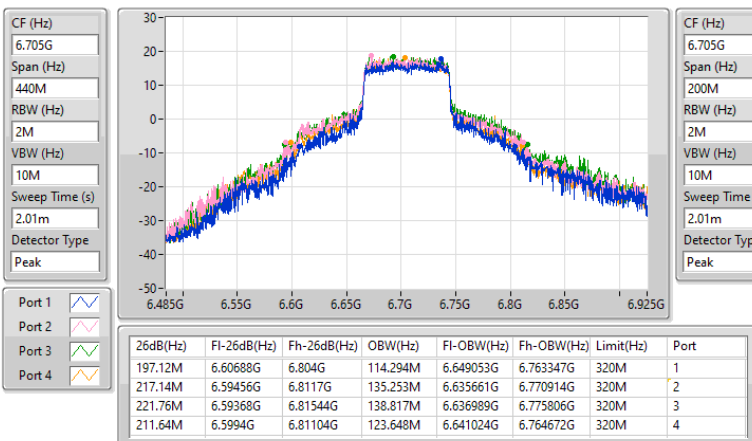


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6625MHz

22/01/2026

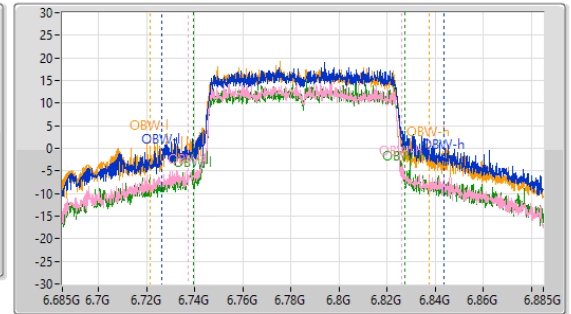
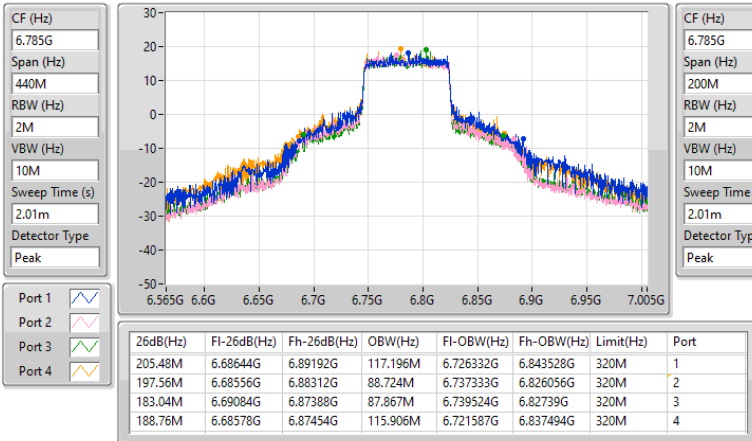

6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6705MHz

22/01/2026

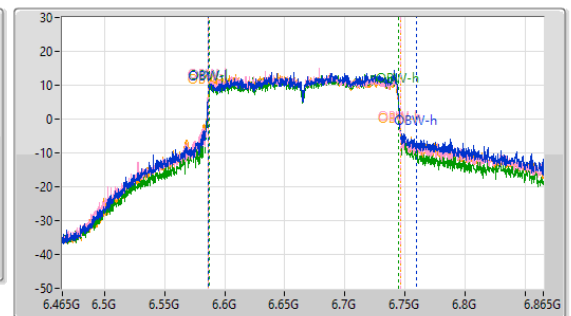
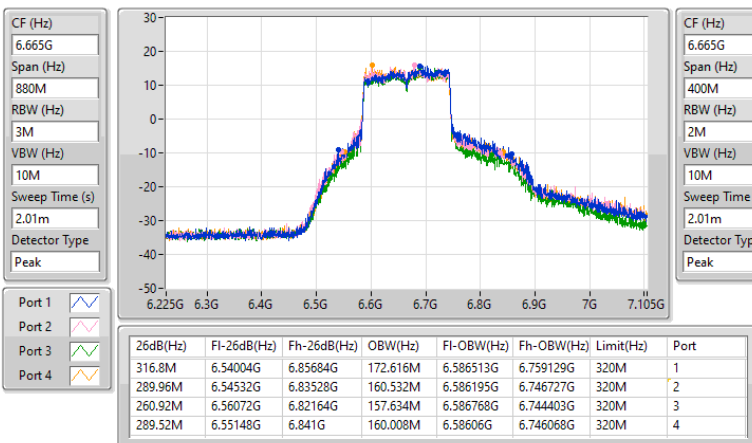


6.525-6.875GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6785MHz

22/01/2026


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

22/01/2026



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-BF_Nss1,(MCS0)_2TX	58.465M	36.082M	36M1D1D	44.44M	19.665M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	56.925M	35.832M	35M8D1D	44.55M	23.538M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	100.32M	66.267M	66M3D1D	90.53M	39.53M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	107.91M	67.966M	68M0D1D	84.48M	39.38M
802.11be EHT80-BF_Nss1,(MCS0)_2TX	197.56M	131.034M	131MD1D	172.7M	83.458M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	209M	131.934M	132MD1D	168.52M	80.46M
802.11be EHT160-BF_Nss1,(MCS0)_2TX	311.96M	166.317M	166MD1D	307.12M	157.121M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	309.32M	165.117M	165MD1D	263.56M	156.722M

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-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	44.825M	23.988M	58.465M	36.082M				
6695MHz	Pass	320M	48.125M	27.036M	49.555M	25.762M				
6855MHz	Pass	320M	44.44M	25.287M	46.42M	19.665M				
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	91.63M	39.53M	97.35M	66.267M				
6685MHz	Pass	320M	95.92M	51.174M	100.32M	59.67M				
6845MHz	Pass	320M	91.85M	46.877M	90.53M	43.578M				
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	172.7M	86.557M	196.02M	131.034M				
6705MHz	Pass	320M	191.62M	104.948M	188.98M	110.945M				
6785MHz	Pass	320M	196.24M	108.046M	197.56M	83.458M				
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	311.96M	166.317M	307.12M	157.121M				
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6595MHz	Pass	320M	47.08M	23.538M	56.925M	35.832M	53.46M	32.759M	51.535M	31.884M
6695MHz	Pass	320M	48.07M	27.336M	51.315M	31.984M	47.135M	27.661M	50.655M	29.36M
6855MHz	Pass	320M	51.81M	30.86M	48.4M	27.386M	49.775M	24.313M	44.55M	25.262M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6605MHz	Pass	320M	84.48M	39.38M	107.91M	67.966M	98.89M	61.369M	104.94M	57.871M
6685MHz	Pass	320M	95.7M	44.728M	101.42M	62.969M	95.04M	60.92M	91.41M	54.673M
6845MHz	Pass	320M	102.08M	53.873M	92.95M	50.825M	90.09M	43.428M	89.87M	39.93M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	320M	168.52M	80.66M	209M	131.934M	196.46M	119.04M	180.18M	105.547M
6705MHz	Pass	320M	185.9M	91.854M	196.9M	123.638M	198.66M	115.542M	202.4M	103.448M
6785MHz	Pass	320M	199.1M	103.448M	204.6M	112.044M	183.92M	91.954M	181.72M	80.46M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	320M	309.32M	165.117M	263.56M	157.521M	304.48M	157.321M	264.88M	156.722M

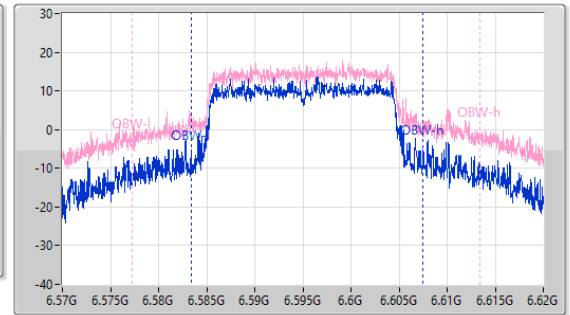
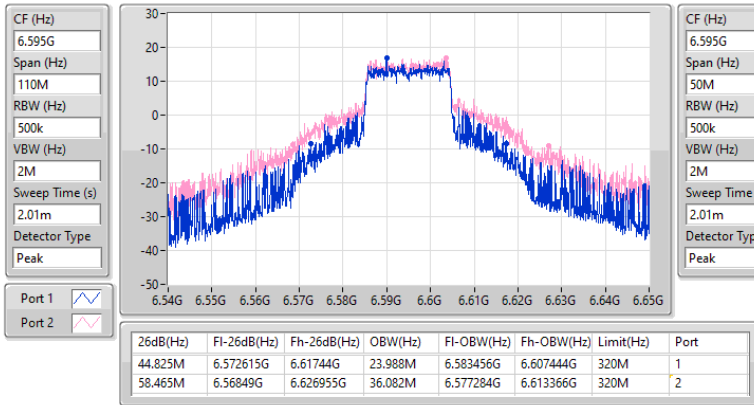
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

6595MHz

30/12/2025

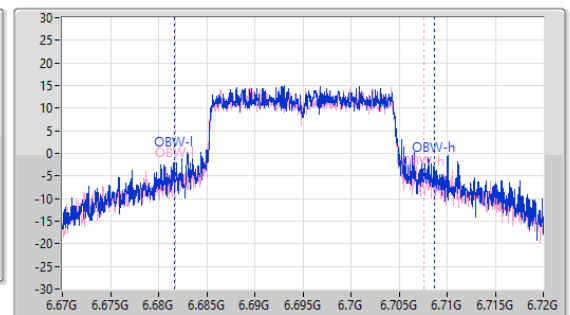
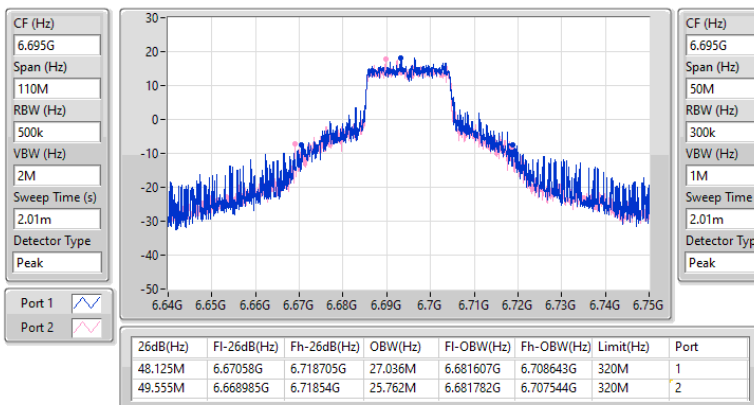


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

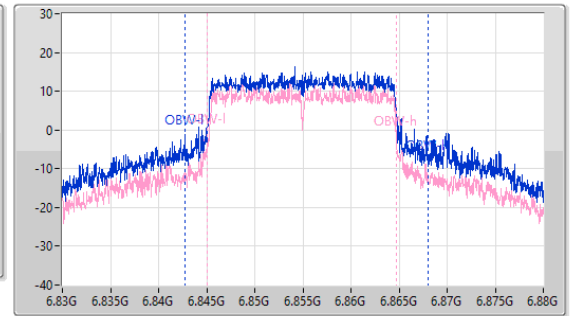
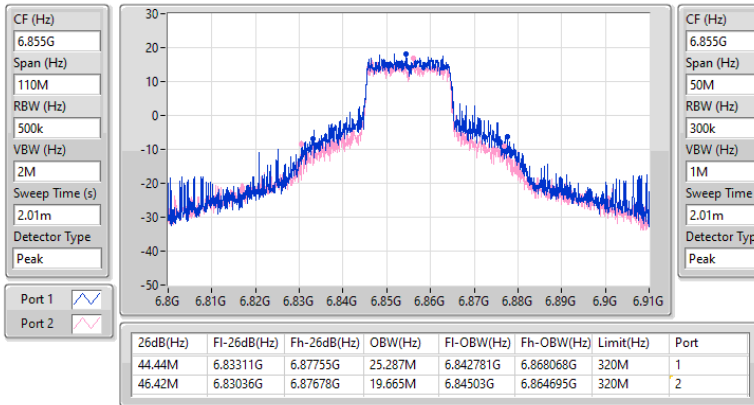
6695MHz

30/12/2025

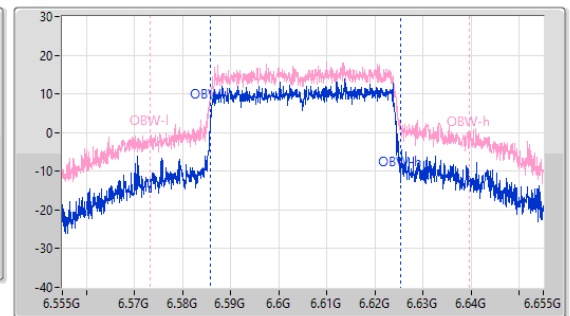
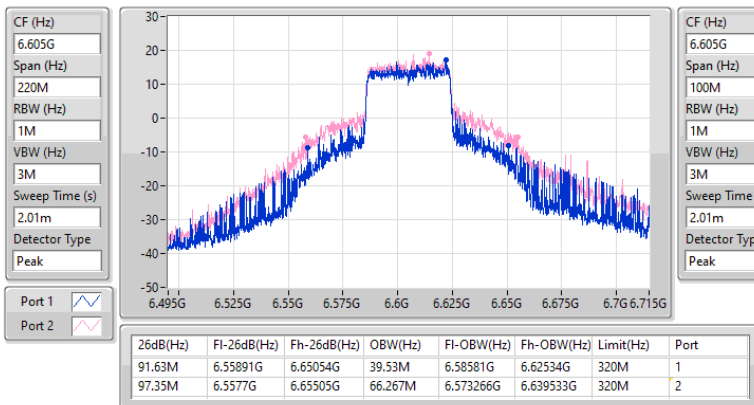


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
6855MHz

30/12/2025

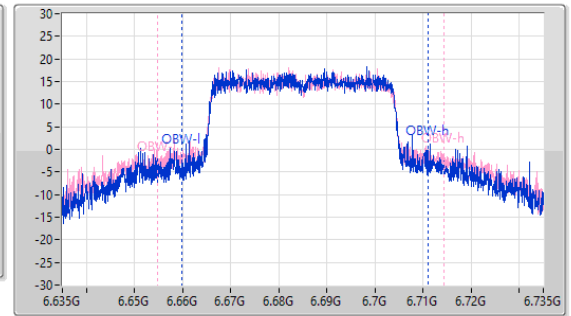
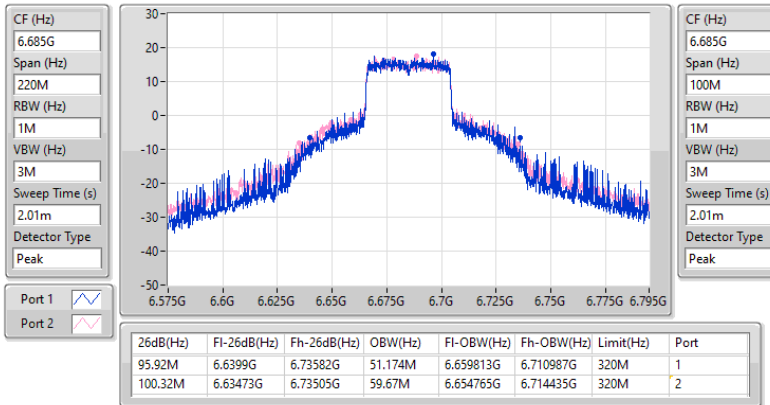

6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6605MHz

30/12/2025

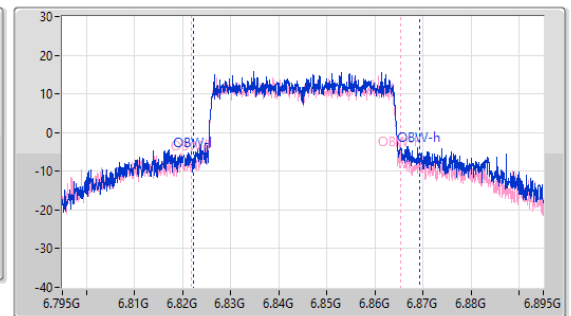
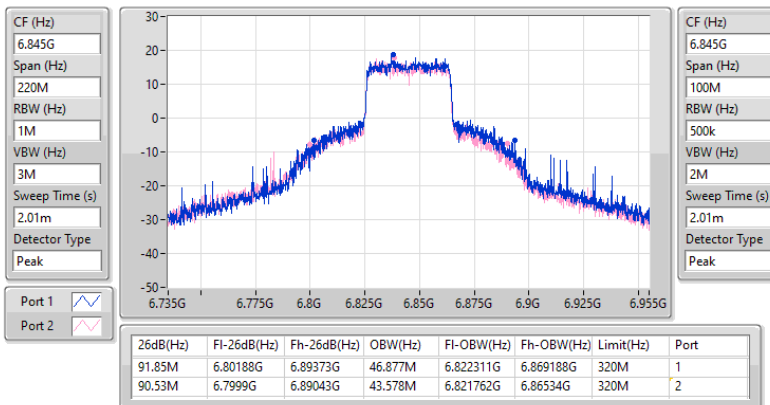


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6685MHz

30/12/2025

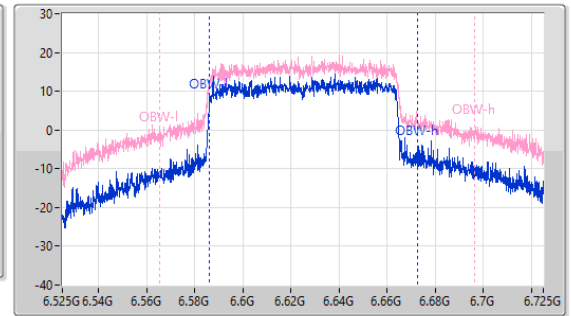
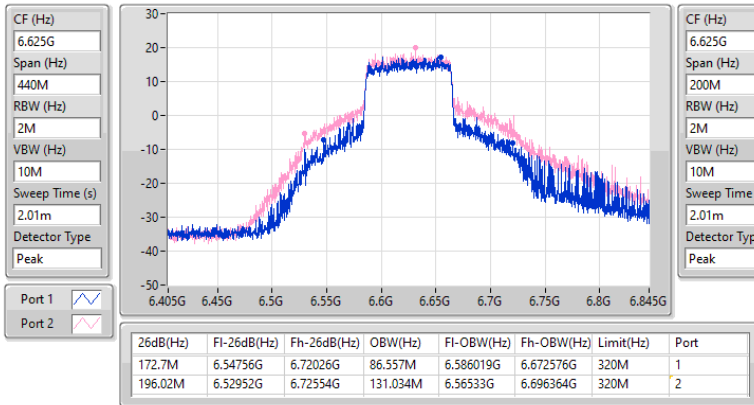

6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX
EBW
6845MHz

30/12/2025

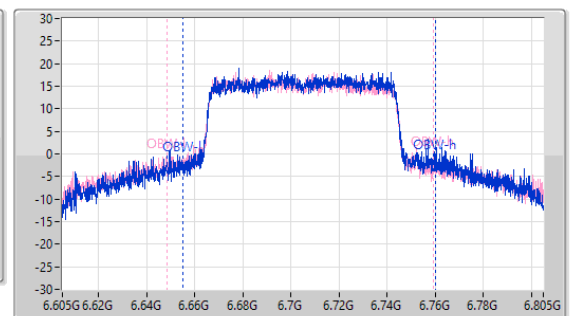
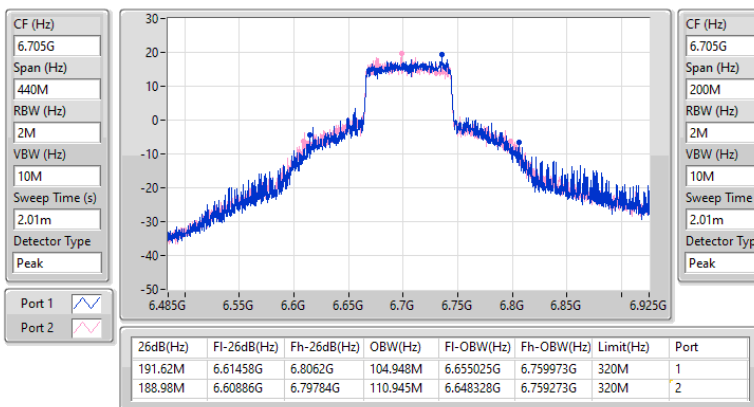


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6625MHz

30/12/2025


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX
EBW
6705MHz

30/12/2025

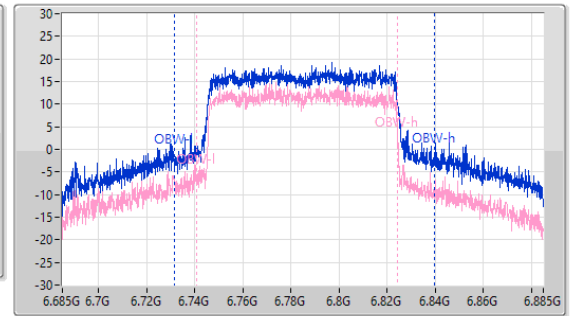
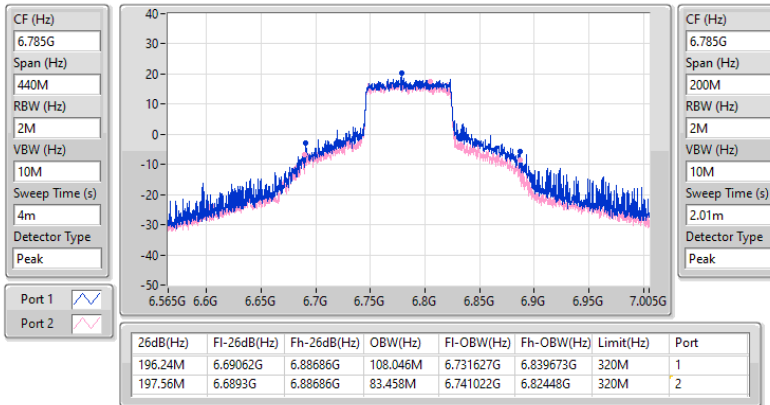


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

EBW

6785MHz

30/12/2025

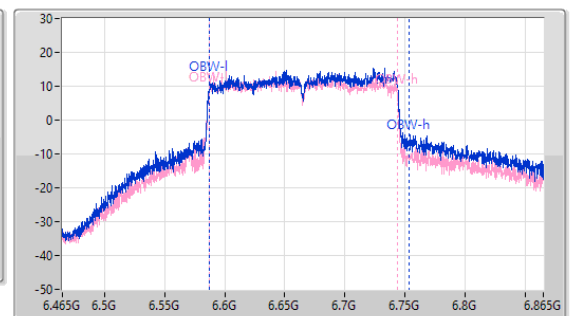
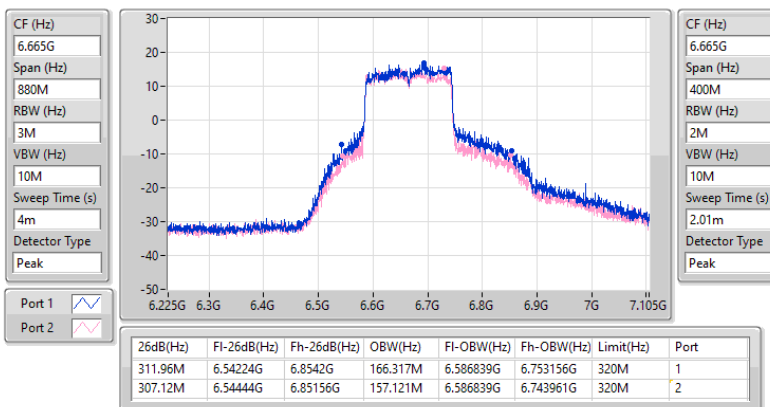


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

30/12/2025

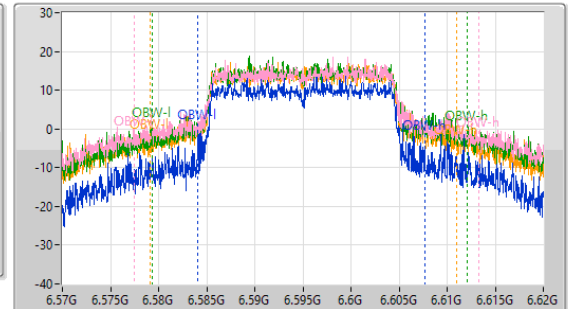
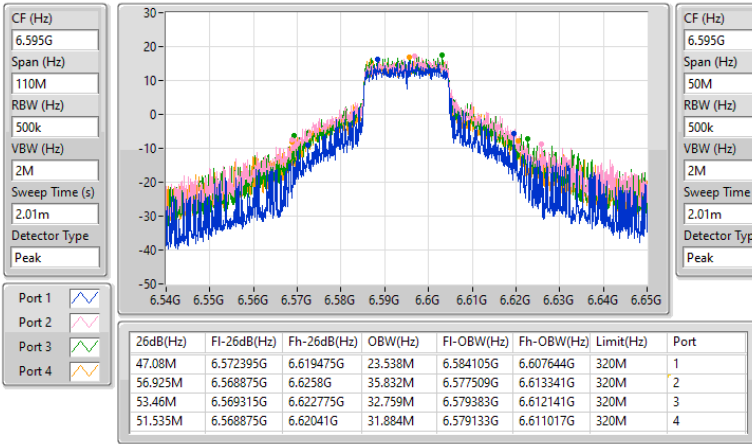


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6595MHz

30/12/2025

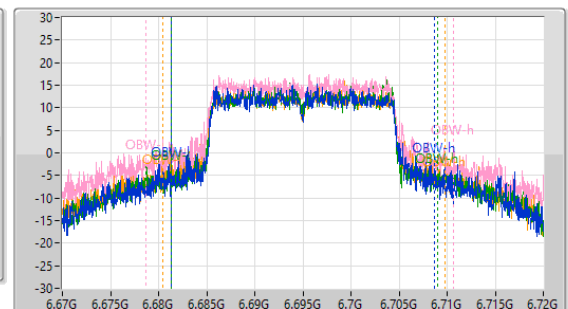
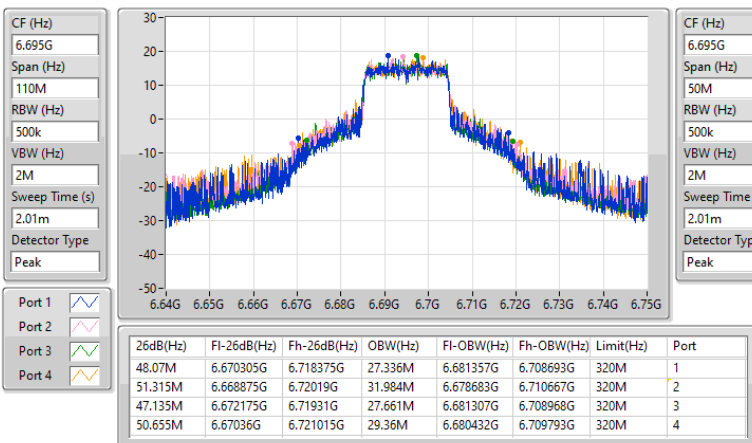


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

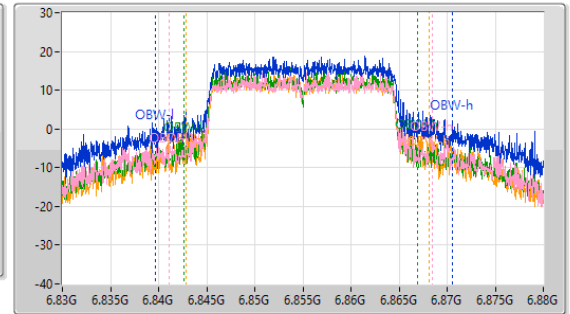
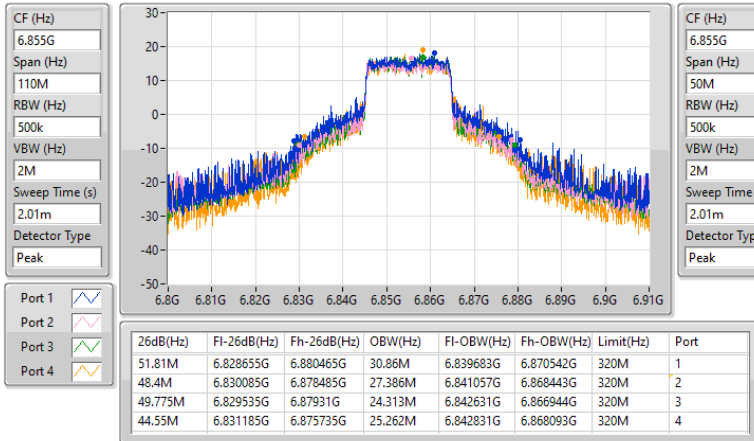
6695MHz

30/12/2025

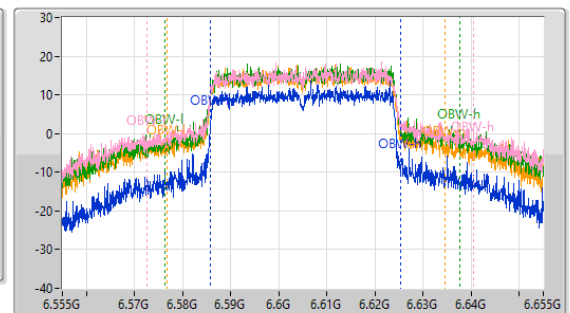
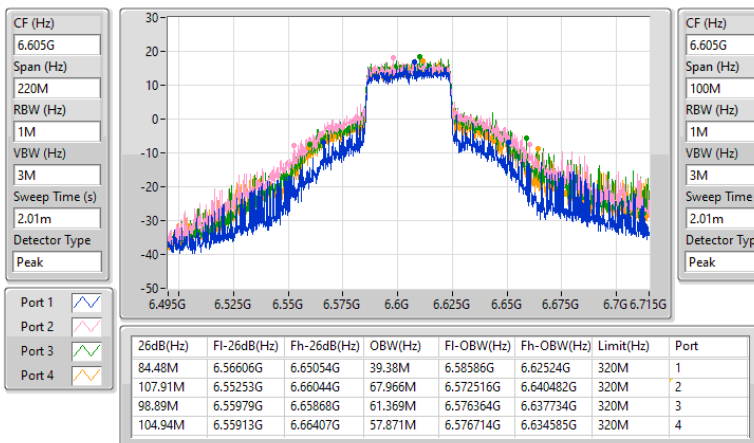


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX
EBW
6855MHz

30/12/2025

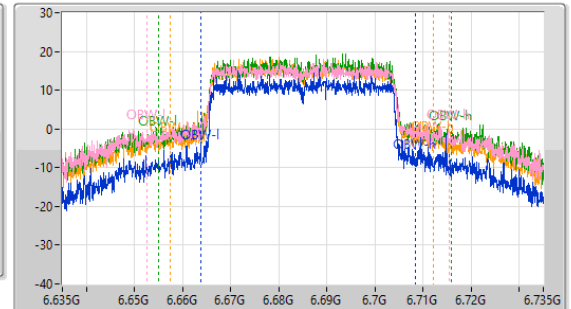
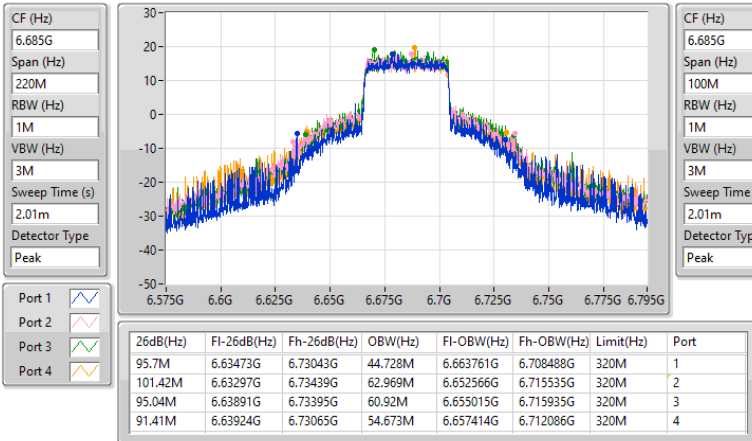

6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6605MHz

30/12/2025



6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6685MHz

30/12/2025


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX
EBW
6845MHz

30/12/2025

