

FCC RADIO TEST REPORT

FCC ID : QXO-AP4060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP4060X
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 Apr. 17, 2025, and testing was started from May 05, 2025 and completed on Jul. 23, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

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History of this test report

TEL : 886-3-656-9065	Page Number : 3 of 71
FAX : 886-3-656-9085	Issued Date : Sep. 25, 2025
Report Template No.: HE1-D1-1 Ver2.8	Report Version : 01
FCC ID: QXO-AP4060	



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
-	15.407(d)	Contention-Based Protocol	N/A	Standard Power AP w/o test

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Radio 1_Scan

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 6425	a20	5955 ~ 6415	1 ~ 93 [24]
6525 ~ 6875		6535 ~ 6855	117 ~ 181 [17]
5925 ~ 6425	a40	5965 ~ 6405	3 ~ 91 [12]
6525 ~ 6875		6565 ~ 6845	123 ~ 179 [8]
5925 ~ 6425	a80	5985 ~ 6385	7 ~ 87 [6]
6525 ~ 6875		6625 ~ 6785	135 ~ 167 [3]
5925 ~ 6425	a160	6025 ~ 6345	15 ~ 79 [3]
6525 ~ 6875		6665	143 [1]

Non-Beamforming_Radio 1_Scan

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	a20	20	1TX
6.525-6.875GHz	a20	20	1TX
5.925-6.425GHz	a40	40	1TX
6.525-6.875GHz	a40	40	1TX
5.925-6.425GHz	a80	80	1TX
6.525-6.875GHz	a80	80	1TX
5.925-6.425GHz	a160	160	1TX
6.525-6.875GHz	a160	160	1TX

**Radio 3**

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

Non-Beamforming_Radio 3_1T1S

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11a	20	1TX
6.525-6.875GHz	802.11a	20	1TX
5.925-6.425GHz	802.11be EHT20	20	1TX
6.525-6.875GHz	802.11be EHT20	20	1TX
5.925-6.425GHz	802.11be EHT40	40	1TX
6.525-6.875GHz	802.11be EHT40	40	1TX
5.925-6.425GHz	802.11be EHT80	80	1TX
6.525-6.875GHz	802.11be EHT80	80	1TX
5.925-6.425GHz	802.11be EHT160	160	1TX
6.525-6.875GHz	802.11be EHT160	160	1TX
5.925-6.425GHz	802.11be EHT320	320	1TX

**Non-Beamforming_Radio 3_2T1S**

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11a	20	1TX
6.525-6.875GHz	802.11a	20	1TX
5.925-6.425GHz	802.11be EHT20	20	1TX
6.525-6.875GHz	802.11be EHT20	20	1TX
5.925-6.425GHz	802.11be EHT40	40	1TX
6.525-6.875GHz	802.11be EHT40	40	1TX
5.925-6.425GHz	802.11be EHT80	80	1TX
6.525-6.875GHz	802.11be EHT80	80	1TX
5.925-6.425GHz	802.11be EHT160	160	1TX
6.525-6.875GHz	802.11be EHT160	160	1TX
5.925-6.425GHz	802.11be EHT320	320	1TX

Non-Beamforming_Radio 3_2T2S

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11be EHT20	20	2TX
6.525-6.875GHz	802.11be EHT20	20	2TX
5.925-6.425GHz	802.11be EHT40	40	2TX
6.525-6.875GHz	802.11be EHT40	40	2TX
5.925-6.425GHz	802.11be EHT80	80	2TX
6.525-6.875GHz	802.11be EHT80	80	2TX
5.925-6.425GHz	802.11be EHT160	160	2TX
6.525-6.875GHz	802.11be EHT160	160	2TX
5.925-6.425GHz	802.11be EHT320	320	2TX

Beamforming_Radio 3

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11be EHT20-BF	20	2TX
6.525-6.875GHz	802.11be EHT20-BF	20	2TX
5.925-6.425GHz	802.11be EHT40-BF	40	2TX
6.525-6.875GHz	802.11be EHT40-BF	40	2TX
5.925-6.425GHz	802.11be EHT80-BF	80	2TX
6.525-6.875GHz	802.11be EHT80-BF	80	2TX
5.925-6.425GHz	802.11be EHT160-BF	160	2TX
6.525-6.875GHz	802.11be EHT160-BF	160	2TX
5.925-6.425GHz	802.11be EHT320-BF	320	2TX

**Note:**

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160, EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The channel defined in the IEEE Standard P802.11ax™/D6.1.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160/EHT320 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/EHT320. (Radio 3)



1.1.2 Antenna Information

< AP4060X >

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Signal Plus	61723014SG	Dipole	N-type	2.4G+5G	Radio 1_2.4G Radio 2_5G
2	Signal Plus	61723014SG	Dipole	N-type	2.4G+5G	Radio 1_2.4G Radio 2_5G
3	Signal Plus	61723014SG	Dipole	N-type	5G+6G	Radio 3_5GL/6G
4	Signal Plus	61723014SG	Dipole	N-type	5G+6G	Radio 3_5GL/6G
5	Sercomm	6172008HWA5	PIFA	I-Pex	2.4G+5G+6G	Radio 1_Scan
6	Sercomm	6172008HWA6	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_H
7	Sercomm	6172008HWA7	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_V
8	Sercomm	6172008HWA8	PIFA	I-Pex	BT+802.15.4	BLE_chain 0_I
9	Sercomm	6172008HWA9	PIFA	I-Pex	GPS	GPS
10	Signal Plus	61723015SG	Omni	N-type	BT+802.15.4	BLE_chain 0_E
11	Signal Plus	6172300VSG	Patch	N-type	2.4G+5G+6G	Radio 1_2.4G Radio 2_5G Radio 3_5GL/6G
12	Signal Plus	61723016SG	Patch	N-type	2.4G+5G+6G	Radio 1_2.4G Radio 2_5G Radio 3_5GL/6G

Ant.	Port	Gain (dBi)													
		2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0-I	GPS	BT0-E
1	1	4.45	4.76	4.21	4.32	4.64	-	-	-	-	-	-	-	-	-
2	2	4.45	4.76	4.21	4.32	4.64	-	-	-	-	-	-	-	-	-
3	1	-	4.76	4.21	-	-	6.69	6.72	7.40	6.85	-	-	-	-	-
4	2	-	4.76	4.21	-	-	6.69	6.72	7.40	6.85	-	-	-	-	-
5	1	3.70	2.89	3.35	4.93	3.56	4.96	3.88	3.55	4.32	-	-	-	-	-
6	2	-	-	-	-	-	-	-	-	-	3.13	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	-	4.00	-	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	3.75	-	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	2.31	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5.65
11-1	1	7.3	6.27	6.43	6.72	6.47	-	-	-	-	-	-	-	-	-
11-2	2	7.3	6.27	6.43	6.72	6.47	-	-	-	-	-	-	-	-	-
11-3	1	-	6.27	6.43	-	-	6.72	6.53	6.5	6.49	-	-	-	-	-
11-4	2	-	6.27	6.43	-	-	6.72	6.53	6.5	6.49	-	-	-	-	-
12-1	1	12.34	12.08	12.3	12.2	12.24	-	-	-	-	-	-	-	-	-
12-2	2	12.34	12.08	12.3	12.2	12.24	-	-	-	-	-	-	-	-	-
12-3	1	-	12.08	12.3	-	-	12.39	11.63	12.32	12.25	-	-	-	-	-
12-4	2	-	12.08	12.3	-	-	12.39	11.63	12.32	12.25	-	-	-	-	-



Ant.	Port	Cable loss													
		2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0-I	GPS	BT0-E
1	1	0.69	1.15	1.04	1.13	1.22	-	-	-	-	-	-	-	-	-
2	2	0.55	0.90	0.95	0.88	0.98	-	-	-	-	-	-	-	-	-
3	1	-	0.90	0.85	-	-	0.84	0.92	0.88	0.87	-	-	-	-	-
4	2	-	1.17	1.10	-	-	1.23	1.15	1.37	1.16	-	-	-	-	-
5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88
11-1	1	0.69	1.15	1.04	1.13	1.22	-	-	-	-	-	-	-	-	-
11-2	2	0.55	0.90	0.95	0.88	0.98	-	-	-	-	-	-	-	-	-
11-3	1	-	0.90	0.85	-	-	0.84	0.92	0.88	0.87	-	-	-	-	-
11-4	2	-	1.17	1.10	-	-	1.23	1.15	1.37	1.16	-	-	-	-	-
12-1	1	1.20	1.89	1.78	1.87	1.96	-	-	-	-	-	-	-	-	-
12-2	2	1.06	1.64	1.69	1.62	1.72	-	-	-	-	-	-	-	-	-
12-3	1	-	1.64	1.59	-	-	1.65	1.73	1.69	1.68	-	-	-	-	-
12-4	2	-	1.91	1.84	-	-	2.04	1.96	2.18	1.97	-	-	-	-	-

Ant.	Port	Net Antenna Gain (dBi)													
		2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0-I	GPS	BT0-E
1	1	3.76	3.61	3.17	3.19	3.42	-	-	-	-	-	-	-	-	-
2	2	3.90	3.86	3.26	3.44	3.66	-	-	-	-	-	-	-	-	-
3	1	-	3.86	3.36	-	-	5.85	5.80	6.52	5.98	-	-	-	-	-
4	2	-	3.59	3.11	-	-	5.46	5.57	6.03	5.69	-	-	-	-	-
5	1	3.70	2.89	3.35	4.93	3.56	4.96	3.88	3.55	4.32	-	-	-	-	-
6	2	-	-	-	-	-	-	-	-	-	3.13	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	-	4.00	-	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	3.75	-	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	3.80	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.77
11-1	1	6.61	5.12	5.39	5.59	5.25	-	-	-	-	-	-	-	-	-
11-2	2	6.75	5.37	5.48	5.84	5.49	-	-	-	-	-	-	-	-	-
11-3	1	-	5.37	5.58	-	-	5.88	5.61	5.62	5.62	-	-	-	-	-
11-4	2	-	5.10	5.33	-	-	5.49	5.38	5.13	5.33	-	-	-	-	-
12-1	1	11.14	10.19	10.52	10.33	10.28	-	-	-	-	-	-	-	-	-
12-2	2	11.28	10.44	10.61	10.58	10.52	-	-	-	-	-	-	-	-	-
12-3	1	-	10.44	10.71	-	-	10.74	9.90	10.63	10.57	-	-	-	-	-
12-4	2	-	10.17	10.46	-	-	10.35	9.67	10.14	10.28	-	-	-	-	-



Ant.	Port	30 Degree Gain (dBi)			
		UNII-1	UNII-5	UNII-6	UNII-7
1~2	1~2	3.33	-	-	-
3~4	1~2	3.33	4.37	2.36	3.29
11	1~2	3.6	-	-	-
	1~2	3.6	3.58	4.14	4.17
12	1~2	3.55	-	-	-
	1~2	3.55	4.05	4.07	4.43

Note 1: The EUT has twelve antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit.

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

Ant. 11-1 (port 1) could transmit.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could receive simultaneously.

Ant. 12-1 (port 1) could transmit.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could receive simultaneously.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could transmit/receive simultaneously.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could transmit/receive simultaneously.

For b20/g20 mode (1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For 5GHz function:

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

Ant. 1 (port 1) could transmit.

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

Ant. 11-1 (port 1) could transmit.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could receive simultaneously.

Ant. 12-1 (port 1) could transmit.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could receive simultaneously.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could transmit/receive simultaneously.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (1TX/2RX) < **Radio 3 > Low band**

Ant. 3 (port 1) could transmit.

Ant. 3 (port 1) and Ant. 4 (port 2) receive simultaneously.

Ant. 11-3 (port 1) could transmit.

Ant. 11-3 (port 1) and Ant. 11-4 (port 2) could receive simultaneously.

Ant. 12-3 (port 1) could transmit.

Ant. 12-3 (port 1) and Ant. 12-4 (port 2) could receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/2RX) < **Radio 3 > Low band**

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

Ant. 11-3 (port 1) and Ant. 11-4 (port 2) could transmit/receive simultaneously.

Ant. 12-3 (port 1) and Ant. 12-4 (port 2) could transmit/receive simultaneously.

For a20/a40/a80/a160 mode (1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

**For 6GHz function:**

For IEEE 802.11 a/ax/be mode(1TX/2RX) < **Radio 3** >

Ant. 3 (port 1) could transmit

Ant. 3 (port 1) and Ant. 4 (port 2) receive simultaneously.

Ant. 11-3 (port 1) could transmit.

Ant. 11-3 (port 1) and Ant. 11-4 (port 2) could receive simultaneously.

Ant. 12-3 (port 1) could transmit.

Ant. 12-3 (port 1) and Ant. 12-4 (port 2) could receive simultaneously.

For IEEE 802.11 a/ax/be mode(2TX/2RX) < **Radio 3** >

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

Ant. 11-3 (port 1) and Ant. 11-4 (port 2) could receive simultaneously.

Ant. 12-3 (port 1) and Ant. 12-4 (port 2) could receive simultaneously.

For a20/a40/a80/a160 mode(1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) < **chain 0** >

Ant. 8 (port 1) could transmit/receive.

Ant. 10 (port 1) could transmit/receive.

For IEEE 802.15.1 Bluetooth mode (1TX/2RX) < **chain 1** >

Ant. 6 (port 2) and Ant. 7 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 7 (port 1) and it was recorded in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX) < **chain 0** >

Ant. 8 (port 1) could transmit/receive.

Ant. 10 (port 1) could transmit/receive.

For IEEE 802.15.1 Bluetooth mode (1TX/2RX) < **chain 1** >

Ant. 6 (port 2) and Ant. 7 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 7 (port 1) and it was recorded in this test report.

Note 2: Directional gain information

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

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☐	Indoor Access Point	☐ Dual Client
	☐	Indoor Client	☐ Fixed Client
	☐	Subordinate	☐ Standard Client
	☐	Very Low Power	☒ Standard Power Access Point
			☒ Indoor use
			☒ Outdoor use
Beamforming Function	☒	With beamforming	☐ Without beamforming
Resource Unit	☒	Full RU	☐ Partial RU
	☐	MRU (static preamble puncturing)	☐ MRU (dynamic preamble puncturing)
Channel Puncturing	☐	Support	☒ Not support
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

Note: The above information was declared by manufacturer.

**1.1.4 Mode Test Duty Cycle****Non-Beamforming_Radio 1_Scan_Indoor**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
a20_Nss1,(6Mbps)_1TX	0.547	2.62	129.375u	10k
a40_Nss1,(6Mbps)_1TX	0.543	2.65	129.375u	10k
a80_Nss1,(6Mbps)_1TX	0.544	2.64	129.375u	10k
a160_Nss1,(6Mbps)_1TX	0.539	2.68	128.437u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_1T1S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_1TX	0.983	0.07	2.065m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.988	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.98	0.09	1.909m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.979	0.09	1.787m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T1S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_2TX	0.983	0.07	2.065m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.979	0.09	1.787m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T2S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.977	0.1	1.462m	1k
802.11be EHT320_Nss2,(MCS0)_2TX	0.98	0.09	1.663m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 3_1T1S_Patch_Indoor**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.983	0.07	2.065m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.988	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.98	0.09	1.909m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.979	0.09	1.787m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T1S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.983	0.07	2.065m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.979	0.09	1.787m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T2S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.977	0.1	1.462m	1k
802.11be EHT320_Nss2,(MCS0)_2TX	0.98	0.09	1.663m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Scan_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
a20_Nss1,(6Mbps)_1TX	0.546	2.63	129.375u	10k
a40_Nss1,(6Mbps)_1TX	0.544	2.64	129.375u	10k
a80_Nss1,(6Mbps)_1TX	0.545	2.64	129.375u	10k
a160_Nss1,(6Mbps)_1TX	0.536	2.71	128.437u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_Peak Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.982	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.99	0.04	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.981	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.817	0.88	170.312u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.979	0.09	1.464m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.979	0.09	1.464m	1k
802.11be EHT320_Nss2,(MCS0)_2TX	0.981	0.08	1.664m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.99	0.04	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.982	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_Peak Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.99	0.04	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.981	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.856m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.979	0.09	1.466m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.979	0.09	1.466m	1k
802.11be EHT320_Nss2,(MCS0)_2TX	0.982	0.08	1.666m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.982	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.99	0.04	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.981	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.817	0.88	170.312u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.979	0.09	1.464m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.979	0.09	1.464m	1k
802.11be EHT320_Nss2,(MCS0)_2TX	0.981	0.08	1.664m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.982	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	3.012m	500
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.99	0.04	2.853m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.981	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.856m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.979	0.09	1.466m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.979	0.09	1.466m	1k
802.11be EHT320_Nss2,(MCS0)_2TX	0.982	0.08	1.666m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Beamforming_Radio 3_Dipole_Indoor**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.979	0.09	1.787m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 3_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.979	0.09	1.787m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 3_Dipole_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.853m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.99	0.04	2.847m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.981	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.817	0.88	170.312u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 3_Patch_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.869m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.99	0.04	2.853m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.981	0.08	1.913m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.825	0.84	171.875u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.



1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
AP4060	Internal antennas
AP4060X	External antennas

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR512205-01AE

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

Modifications	Performance Checking
Add model name. (AP4060X)	All



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ KDB 987594 D01 v03r01
- ♦ KDB 987594 D02 v03
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Jack Tang	21.5~22.3°C / 54~59%	13/May/2025~15/May/2025
RF Conducted	TH07-HY	Yuna Lin	22.9~23.6°C / 54~61%	05/May/2025~23/Jul/2025
Radiated (Co-location)	03CH02-HY	Daniel Lin	21.7~22.4°C / 57~61%	28/May/2025~30/May/2025
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH26-HY	Andy Wang	21.1~21.9°C / 58~61%	09/May/2025~22/Jul/2025
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		(TAF: 3785)	
Test site Designation No. TW0006 with FCC.				



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
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
Emission Bandwidth	0.05 MHz	Confidence levels of 95%
Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	1.48 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.48 dB	Confidence levels of 95%
Contention-Based Protocol	0.94 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Radio 1_Scan

Test Software Version	PuTTY Release 0.62
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Non-Beamforming_Radio 1_Scan_Indoor

Mode	Power Setting
a20_Nss1,(6Mbps)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
a40_Nss1,(6Mbps)_1TX	-
5965MHz	65
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
a80_Nss1,(6Mbps)_1TX	-
5985MHz	68
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
a160_Nss1,(6Mbps)_1TX	-
6025MHz	64
6185MHz	77
6345MHz	79
6665MHz	80

**Non-Beamforming_Radio 1_Scan_Outdoor**

Mode	Power Setting
a20_Nss1,(6Mbps)_1TX	-
5955MHz	63
6195MHz	68
6415MHz	70
6535MHz	76
6695MHz	72
6855MHz	71
a40_Nss1,(6Mbps)_1TX	-
5965MHz	62
6205MHz	66
6405MHz	69
6565MHz	76
6685MHz	73
6845MHz	72
a80_Nss1,(6Mbps)_1TX	-
5985MHz	63
6225MHz	68
6385MHz	70
6625MHz	73
6705MHz	72
6785MHz	72
a160_Nss1,(6Mbps)_1TX	-
6025MHz	63
6185MHz	67
6345MHz	70
6665MHz	73

**Radio 3**

Test Software Version	accessMTool_REL_3_3_0_4
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Non-Beamforming_Radio 3_1T1S_Dipole_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	80
6185MHz	80
6345MHz	80



Mode	Power Setting
6665MHz	80
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	80
6265MHz	80

Non-Beamforming_Radio 3_2T1S_Dipole_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-



Mode	Power Setting
6025MHz	78
6185MHz	80
6345MHz	80
6665MHz	80
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	80
6265MHz	80

Non-Beamforming Radio 3 2T2S Dipole Indoor

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	79
6185MHz	80
6345MHz	80
6665MHz	80



Mode	Power Setting
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	80
6265MHz	80

Non-Beamforming_Radio 3_1T1S_Patch_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	80



Mode	Power Setting
6185MHz	80
6345MHz	80
6665MHz	80
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	80
6265MHz	80

Non-Beamforming_Radio 3_2T1S_Patch_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	78
6195MHz	77
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	78
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	80
6195MHz	79
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	73
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	75
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80



Mode	Power Setting
6785MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	73
6185MHz	80
6345MHz	80
6665MHz	80
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	75
6265MHz	80

Non-Beamforming_Radio 3_2T2S_Patch_Indoor

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	74
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	74
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	73
6185MHz	80



Mode	Power Setting
6345MHz	80
6665MHz	80
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	79
6265MHz	80

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	57
6195MHz	57
6415MHz	64
6535MHz	58
6695MHz	61
6855MHz	55
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	56
6195MHz	56
6415MHz	62
6535MHz	57
6695MHz	59
6855MHz	53
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	57
6205MHz	55
6405MHz	63
6565MHz	57
6685MHz	57
6845MHz	53
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	58
6225MHz	53
6385MHz	61
6625MHz	57
6705MHz	57
6785MHz	56



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	58
6185MHz	58
6345MHz	60
6665MHz	57
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	61
6265MHz	61

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	47
6195MHz	46
6415MHz	50
6535MHz	47
6695MHz	47
6855MHz	42
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	46
6195MHz	44
6415MHz	49
6535MHz	46
6695MHz	46
6855MHz	41
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	48
6205MHz	44
6405MHz	48
6565MHz	46
6685MHz	46
6845MHz	41
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	46
6225MHz	43
6385MHz	48



Mode	Power Setting
6625MHz	45
6705MHz	46
6785MHz	44
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	46
6185MHz	46
6345MHz	47
6665MHz	45
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	49
6265MHz	49

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	46
6195MHz	45
6415MHz	50
6535MHz	46
6695MHz	48
6855MHz	42
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	49
6205MHz	46
6405MHz	49
6565MHz	47
6685MHz	47
6845MHz	42
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	47
6225MHz	43
6385MHz	49
6625MHz	46
6705MHz	47
6785MHz	45
802.11be EHT160_Nss2,(MCS0)_2TX	-



Mode	Power Setting
6025MHz	47
6185MHz	47
6345MHz	48
6665MHz	46
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	48
6265MHz	48

Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	40
6195MHz	39
6415MHz	46
6535MHz	44
6695MHz	44
6855MHz	39
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	40
6195MHz	39
6415MHz	45
6535MHz	43
6695MHz	42
6855MHz	38
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	41
6205MHz	39
6405MHz	44
6565MHz	41
6685MHz	41
6845MHz	38
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	41
6225MHz	36
6385MHz	43
6625MHz	41



Mode	Power Setting
6705MHz	41
6785MHz	40
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	42
6185MHz	41
6345MHz	42
6665MHz	42
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	43
6265MHz	43

Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	27
6195MHz	26
6415MHz	32
6535MHz	31
6695MHz	30
6855MHz	25
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	26
6195MHz	25
6415MHz	30
6535MHz	29
6695MHz	29
6855MHz	24
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	28
6205MHz	25
6405MHz	30
6565MHz	28
6685MHz	29
6845MHz	24
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	27



Mode	Power Setting
6225MHz	23
6385MHz	29
6625MHz	28
6705MHz	29
6785MHz	27
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	27
6185MHz	26
6345MHz	28
6665MHz	29
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	29
6265MHz	29

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	27
6195MHz	25
6415MHz	31
6535MHz	30
6695MHz	30
6855MHz	25
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	29
6205MHz	26
6405MHz	30
6565MHz	29
6685MHz	30
6845MHz	25
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	28
6225MHz	24
6385MHz	29
6625MHz	30
6705MHz	30



Mode	Power Setting
6785MHz	28
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	28
6185MHz	27
6345MHz	29
6665MHz	30
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	29
6265MHz	28

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	62
6195MHz	62
6415MHz	69
6535MHz	71
6695MHz	72
6855MHz	67
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	61
6195MHz	61
6415MHz	68
6535MHz	70
6695MHz	71
6855MHz	66
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	63
6205MHz	61
6405MHz	68
6565MHz	69
6685MHz	69
6845MHz	65
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	64
6225MHz	59



Mode	Power Setting
6385MHz	66
6625MHz	69
6705MHz	69
6785MHz	68
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	63
6185MHz	64
6345MHz	66
6665MHz	70
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	67
6265MHz	66

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	52
6195MHz	50
6415MHz	55
6535MHz	59
6695MHz	59
6855MHz	54
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	51
6195MHz	50
6415MHz	54
6535MHz	58
6695MHz	58
6855MHz	53
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	53
6205MHz	50
6405MHz	54
6565MHz	57
6685MHz	58
6845MHz	53



Mode	Power Setting
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	52
6225MHz	48
6385MHz	53
6625MHz	57
6705MHz	58
6785MHz	56
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	52
6185MHz	51
6345MHz	53
6665MHz	58
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	55
6265MHz	55

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	51
6195MHz	50
6415MHz	54
6535MHz	58
6695MHz	59
6855MHz	54
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	53
6205MHz	50
6405MHz	54
6565MHz	58
6685MHz	59
6845MHz	53
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	52
6225MHz	48
6385MHz	54



Mode	Power Setting
6625MHz	58
6705MHz	59
6785MHz	58
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	52
6185MHz	52
6345MHz	53
6665MHz	58
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	53
6265MHz	53

Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	64
6195MHz	64
6415MHz	70
6535MHz	67
6695MHz	69
6855MHz	63
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	63
6195MHz	63
6415MHz	69
6535MHz	65
6695MHz	67
6855MHz	62
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	64
6205MHz	62
6405MHz	69
6565MHz	66
6685MHz	66
6845MHz	62
802.11be EHT80_Nss1,(MCS0)_1TX	-



Mode	Power Setting
5985MHz	65
6225MHz	60
6385MHz	68
6625MHz	65
6705MHz	65
6785MHz	65
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	64
6185MHz	65
6345MHz	67
6665MHz	65
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	69
6265MHz	68

Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	53
6195MHz	53
6415MHz	56
6535MHz	54
6695MHz	55
6855MHz	50
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	53
6195MHz	51
6415MHz	56
6535MHz	53
6695MHz	54
6855MHz	49
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	54
6205MHz	51
6405MHz	55
6565MHz	53



Mode	Power Setting
6685MHz	53
6845MHz	48
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	52
6225MHz	48
6385MHz	54
6625MHz	53
6705MHz	53
6785MHz	52
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	53
6185MHz	53
6345MHz	54
6665MHz	53
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	56
6265MHz	56

Non-Beamforming Radio 3 2T2S Patch Outdoor 30 Degree Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	52
6195MHz	50
6415MHz	56
6535MHz	53
6695MHz	53
6855MHz	49
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	54
6205MHz	51
6405MHz	56
6565MHz	54
6685MHz	53
6845MHz	49
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	52



Mode	Power Setting
6225MHz	49
6385MHz	55
6625MHz	53
6705MHz	53
6785MHz	52
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	53
6185MHz	53
6345MHz	54
6665MHz	53
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	53
6265MHz	54

**Beamforming_Radio 3_Dipole_Indoor**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	78
6185MHz	80
6345MHz	80
6665MHz	80
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	80
6265MHz	80

Beamforming_Radio 3_Patch_Indoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	75
6195MHz	74



Mode	Power Setting
6415MHz	79
6535MHz	77
6695MHz	77
6855MHz	74
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	73
6205MHz	73
6405MHz	79
6565MHz	79
6685MHz	77
6845MHz	74
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	75
6225MHz	73
6385MHz	79
6625MHz	78
6705MHz	77
6785MHz	76
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	73
6185MHz	75
6345MHz	78
6665MHz	78
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	75
6265MHz	78

Beamforming_Radio 3_Dipole_Outdoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	35
6195MHz	33
6415MHz	38
6535MHz	35
6695MHz	36
6855MHz	30



Mode	Power Setting
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	37
6205MHz	34
6405MHz	38
6565MHz	35
6685MHz	36
6845MHz	31
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	35
6225MHz	32
6385MHz	37
6625MHz	35
6705MHz	35
6785MHz	33
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	35
6185MHz	35
6345MHz	36
6665MHz	35
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	38
6265MHz	38

Beamforming_Radio 3_Patch_Outdoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	15
6195MHz	14
6415MHz	19
6535MHz	19
6695MHz	18
6855MHz	13
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	17
6205MHz	15
6405MHz	19



Mode	Power Setting
6565MHz	17
6685MHz	18
6845MHz	14
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	16
6225MHz	12
6385MHz	19
6625MHz	17
6705MHz	18
6785MHz	16
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	16
6185MHz	15
6345MHz	17
6665MHz	18
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	19
6265MHz	18

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	CTX
1	PoE Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio 3_2T1S_Dipole, Radio 3_2T2S_Dipole)	V (Radio 3_Patch)	V (Radio 1_Scan, Radio 3_1T1S_Dipole)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0-I)
2	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0-E)
3	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0-I)
4	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0-E)
5	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)
6	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)
7	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0-I)
8	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0-E)
9	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0-I)
10	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0-E)
11	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain1)
12	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4(chain1)
Refer to Sporton Test Report No.: FA512205-03A for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



2.3 Support Equipment

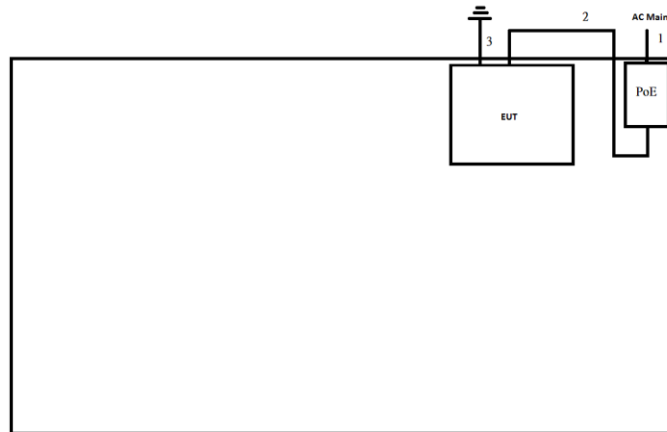
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Ground Wire	Sporton	Sporton	-	-
3	PoE	PHIHONG	POE60U-1BT-X	-	Provided by Customer
4	AC Power Cable	Power sync	PW-GPC180-3	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	PHIHONG	POE60U-1BT-X	-	-

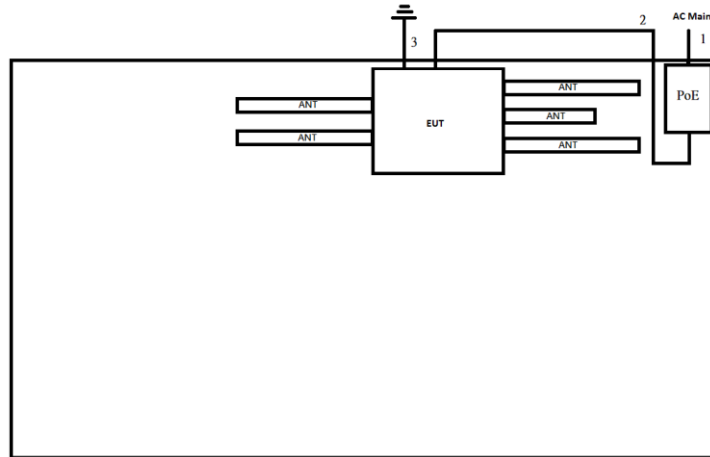
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Ground Wire	Sporton	Sporton	-	-
3	PoE (Remote)	PHIHONG	POE60U-1BT-X	-	Provided by Customer
4	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-

2.4 Test Setup Diagram

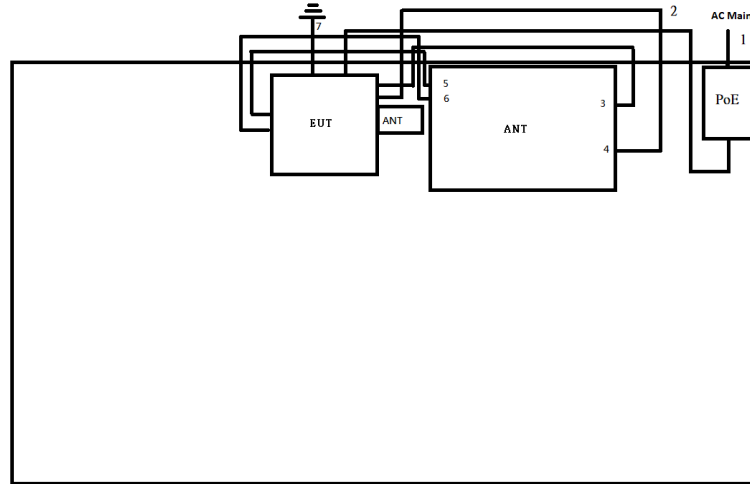
Test Setup Diagram – AC Line Conducted Emission Test_Radio 1_Scan



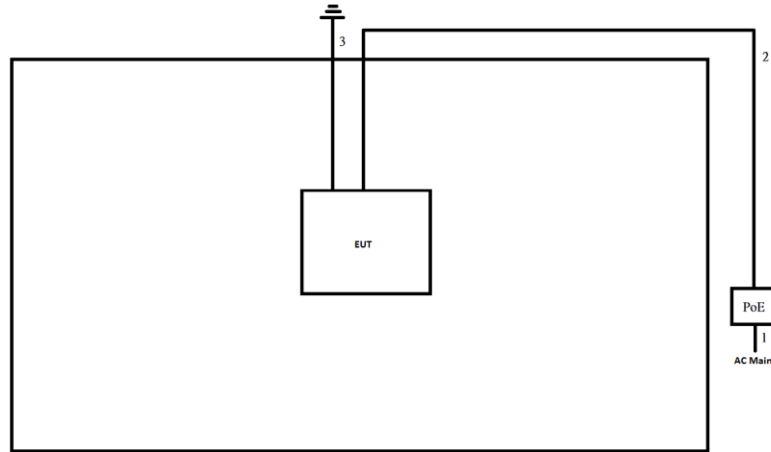
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram – AC Line Conducted Emission Test_Dipole


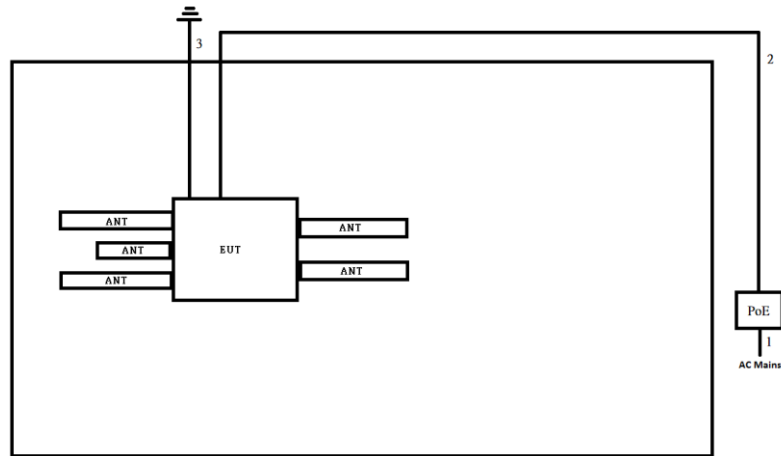
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram – AC Line Conducted Emission Test_Patch


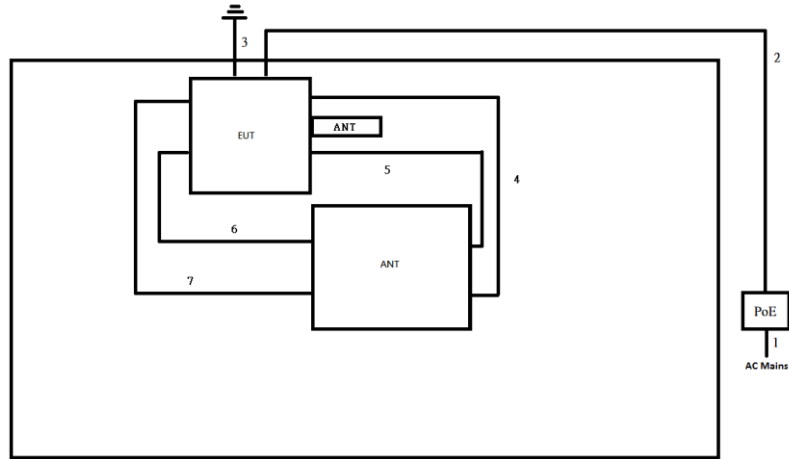
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RF Cable	No	1.0	-
4	RF Cable	No	1.0	-
5	RF Cable	No	1.0	-
6	RF Cable	No	1.0	-
7	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test_Radio 1_Scan


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test_Radio 3_Dipole


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test_Radio 3_Patch


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-
4	RF Cable	No	1.0	-
5	RF Cable	No	1.0	-
6	RF Cable	No	1.0	-
7	RF Cable	No	1.0	-



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

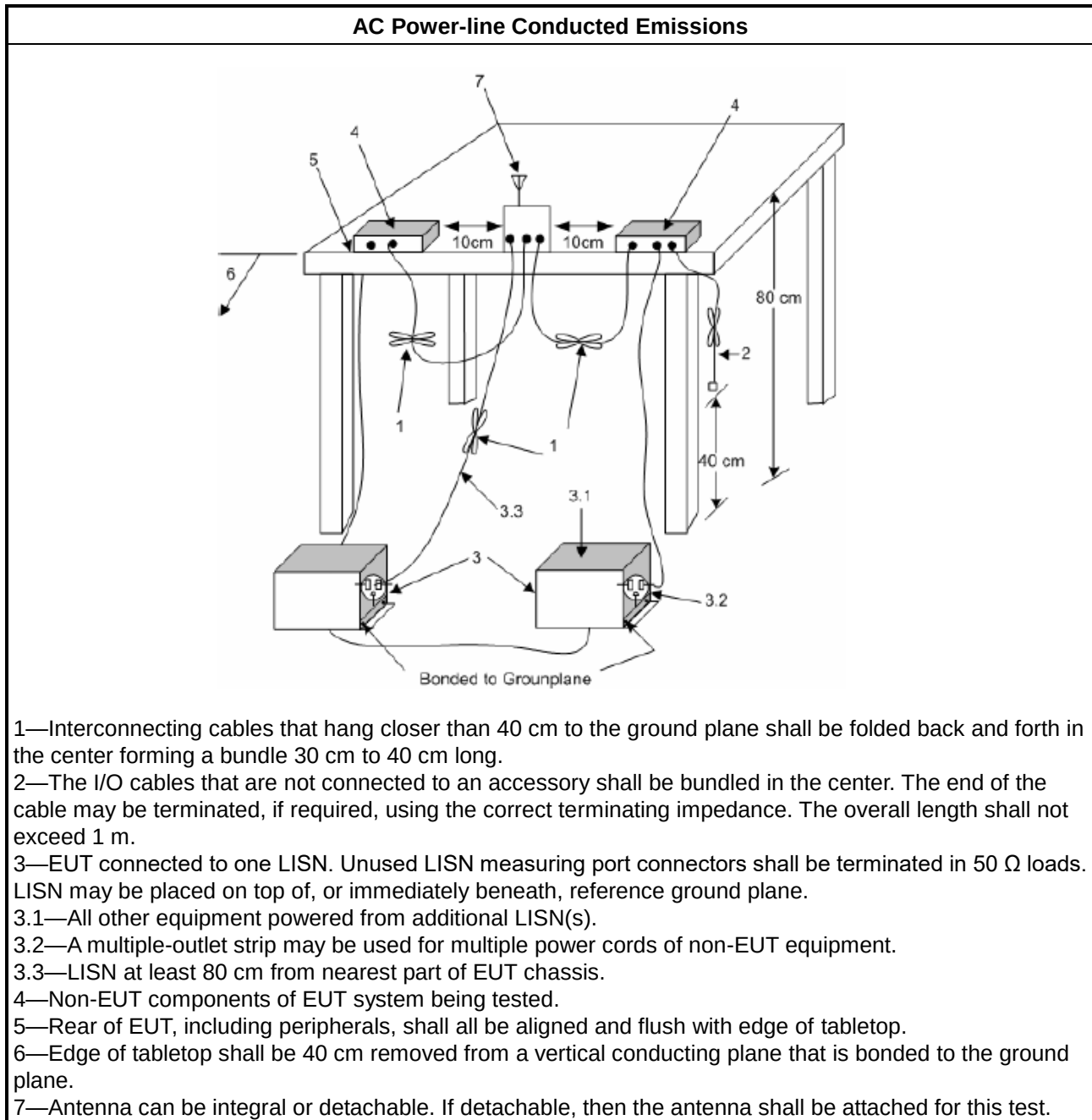
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



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, N/A
☐	For the 6425-6525 GHz band, N/A
☒	For the 6525-6875 GHz band, N/A
☐	For the 6875-7125 GHz band, N/A

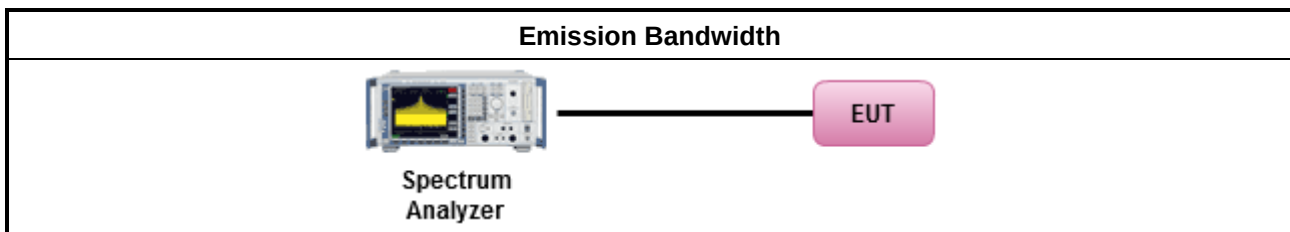
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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 subordinate device control of an 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 subordinate device control of an 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.

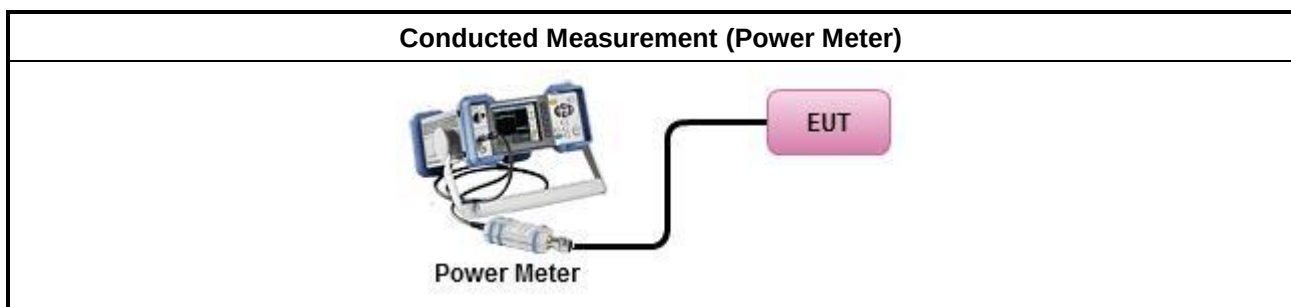
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Output Power Setting	
	Duty cycle $\geq 98\%$
☐	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$
☐	For radiated measurement.
	- Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as KDB 412172, clause 2.2 for EIRP calculation.

3.3.4 Test Setup



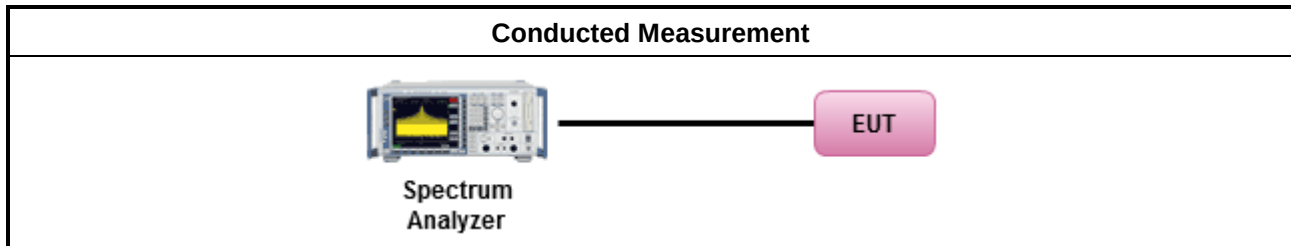
3.3.5 Test Result of Maximum Equivalent Isotropically Radiated Power (E.I.R.P)

Refer as Appendix C

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
☒	Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)
☒	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☒	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☒	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

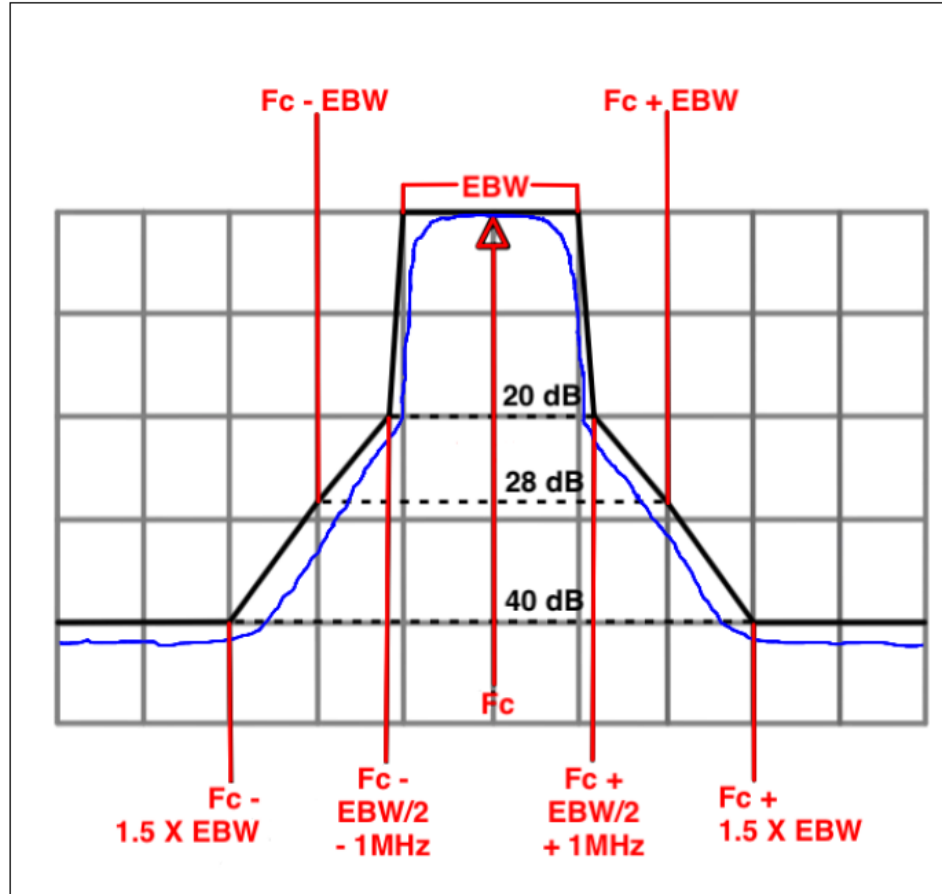
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 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) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.
Frequency	Emission MASK Limit
5.945 – 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. The channel bandwidth is defined as 26 dB EBW.





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.2.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.5.2.2 measurement procedure peak limit.
	☒ Refer as FCC KDB 789033, clause G)3)d)ii) for Band edge Integration measurements.
For emission MASK shall be measured using following options below:	
	☒ Refer as 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.	

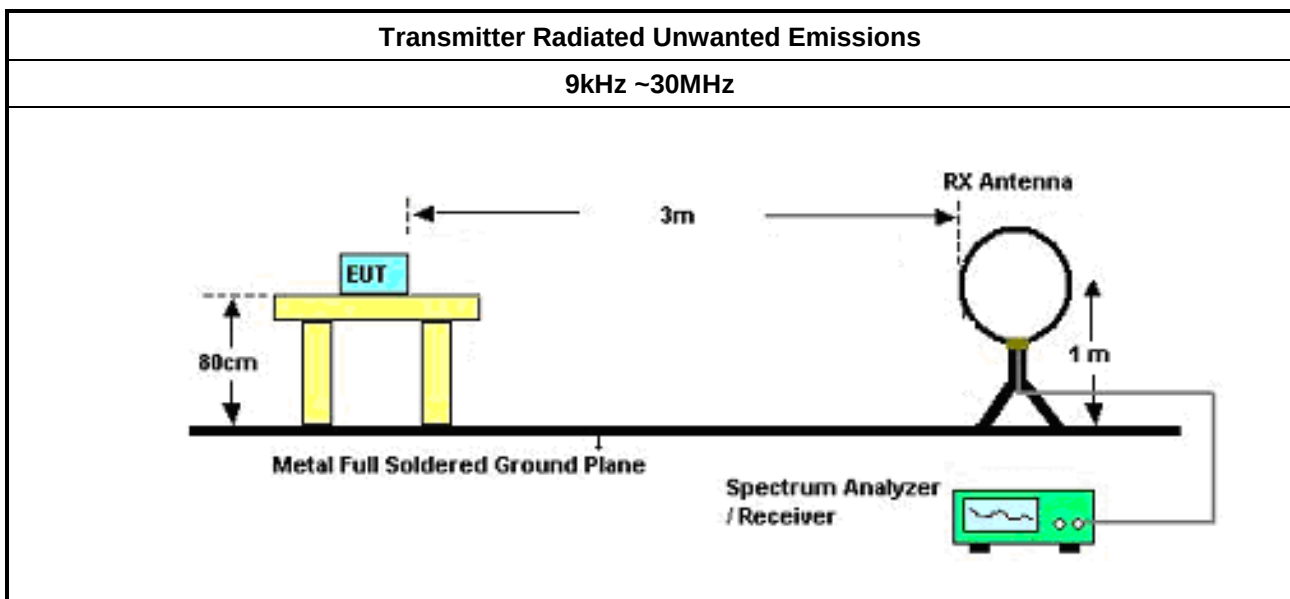
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

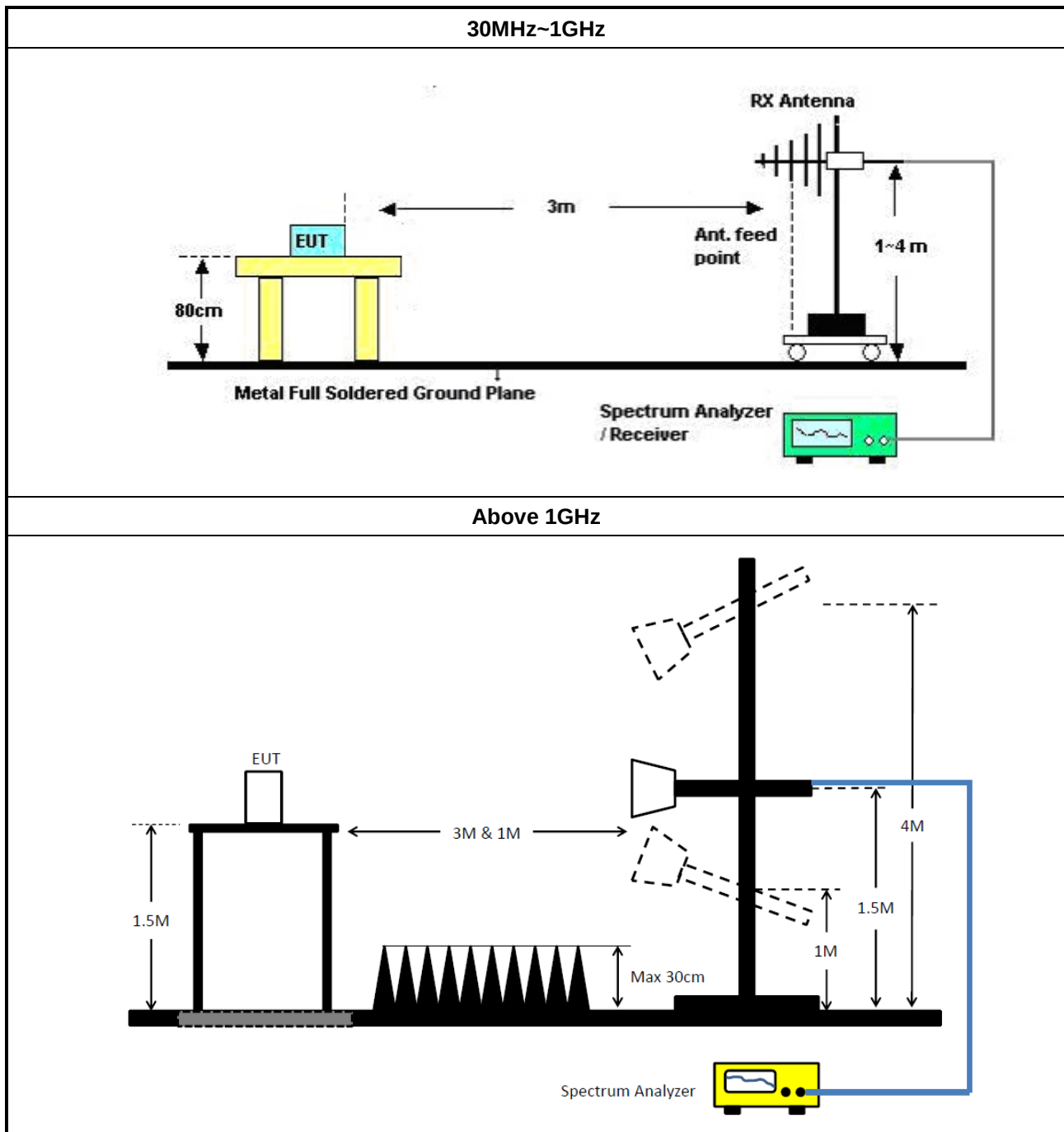
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	23/Jan/2025	22/Jan/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.25	N/A	N/A	N/A	N/A

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	07/Aug/2024	06/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	07/Aug/2024	06/Aug/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	09/Oct/2024	08/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	05/Jun/2024	04/Jun/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	04/Jun/2025	03/Jun/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	9kHz~1GHz	21/Oct/2024	20/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	21/Oct/2024	20/Oct/2025
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	21/May/2025	20/May/2026
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~18GHz	12/Mar/2025	11/Mar/2026
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.23	NA	NA	NA	NA

Instrument for Radiated Test (Co-Location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	13/Feb/2025	12/Feb/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Non-Beamforming_ Radio 1_Scan

Appendix A.1

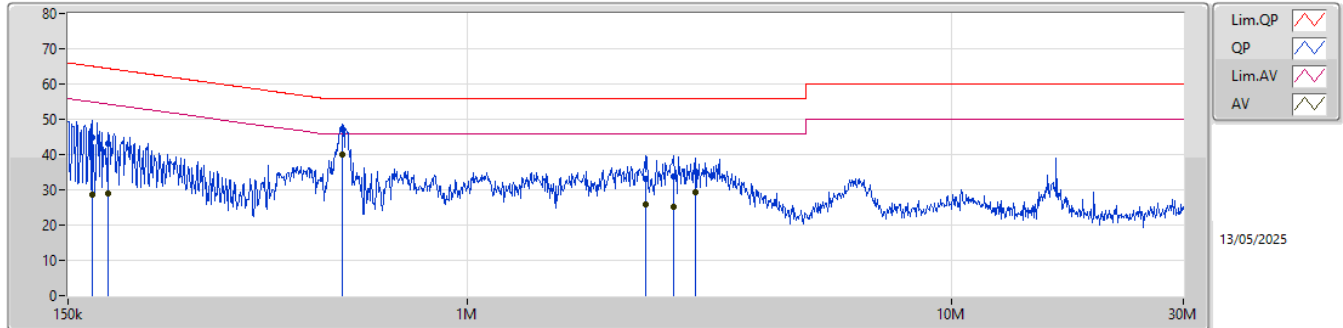
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	553.37k	40.16	46.00	-5.84	Line

Result

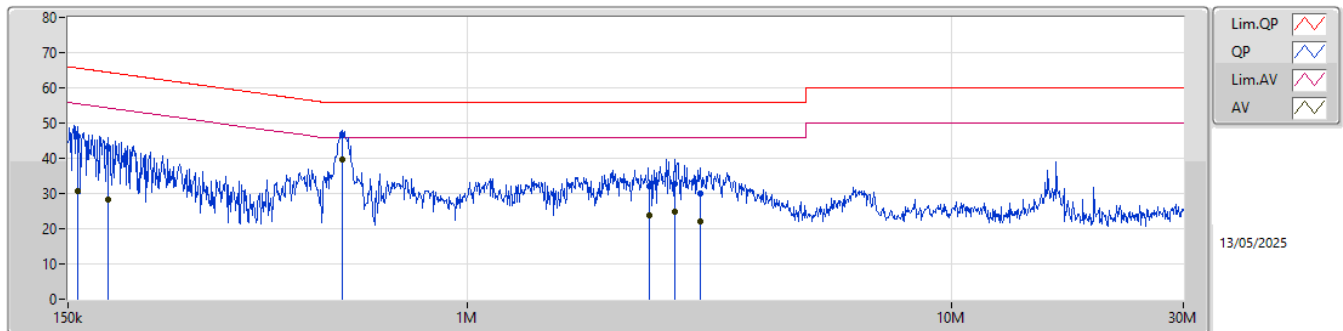
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	168.41k	44.75	65.04	-20.29	Line
Mode 1	Pass	AV	168.41k	28.72	55.04	-26.32	Line
Mode 1	Pass	QP	181.68k	43.14	64.41	-21.27	Line
Mode 1	Pass	AV	181.68k	28.90	54.41	-25.51	Line
Mode 1	Pass	QP	553.37k	47.31	56.00	-8.69	Line
Mode 1	Pass	AV	553.37k	40.16	46.00	-5.84	Line
Mode 1	Pass	QP	2.33M	33.17	56.00	-22.83	Line
Mode 1	Pass	AV	2.33M	25.90	46.00	-20.10	Line
Mode 1	Pass	QP	2.66M	33.67	56.00	-22.33	Line
Mode 1	Pass	AV	2.66M	25.32	46.00	-20.68	Line
Mode 1	Pass	QP	2.96M	35.18	56.00	-20.82	Line
Mode 1	Pass	AV	2.96M	29.22	46.00	-16.78	Line
Mode 1	Pass	QP	156.73k	46.30	65.64	-19.34	Neutral
Mode 1	Pass	AV	156.73k	30.86	55.64	-24.78	Neutral
Mode 1	Pass	QP	180.96k	43.26	64.43	-21.17	Neutral
Mode 1	Pass	AV	180.96k	28.17	54.43	-26.26	Neutral
Mode 1	Pass	QP	551.17k	46.47	56.00	-9.53	Neutral
Mode 1	Pass	AV	551.17k	39.52	46.00	-6.48	Neutral
Mode 1	Pass	QP	2.37M	32.03	56.00	-23.97	Neutral
Mode 1	Pass	AV	2.37M	23.76	46.00	-22.24	Neutral
Mode 1	Pass	QP	2.68M	32.93	56.00	-23.07	Neutral
Mode 1	Pass	AV	2.68M	24.74	46.00	-21.26	Neutral
Mode 1	Pass	QP	3.02M	29.90	56.00	-26.10	Neutral
Mode 1	Pass	AV	3.02M	22.20	46.00	-23.80	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168.41k	44.75	65.04	-20.29	19.61	Line	-	25.14	9.63	0.01	9.97						
AV	168.41k	28.72	55.04	-26.32	19.61	Line	-	9.11	9.63	0.01	9.97						
QP	181.68k	43.14	64.41	-21.27	19.61	Line	-	23.53	9.63	0.01	9.97						
AV	181.68k	28.90	54.41	-25.51	19.61	Line	-	9.29	9.63	0.01	9.97						
QP	553.37k	47.31	56.00	-8.69	19.65	Line	-	27.66	9.63	0.04	9.98						
AV	553.37k	40.16	46.00	-5.84	19.65	Line	-	20.51	9.63	0.04	9.98						
QP	2.33M	33.17	56.00	-22.83	19.66	Line	-	13.51	9.66	0.03	9.97						
AV	2.33M	25.90	46.00	-20.10	19.66	Line	-	6.24	9.66	0.03	9.97						
QP	2.66M	33.67	56.00	-22.33	19.67	Line	-	14.00	9.66	0.04	9.97						
AV	2.66M	25.32	46.00	-20.68	19.67	Line	-	5.65	9.66	0.04	9.97						
QP	2.96M	35.18	56.00	-20.82	19.69	Line	-	15.49	9.67	0.04	9.98						
AV	2.96M	29.22	46.00	-16.78	19.69	Line	-	9.53	9.67	0.04	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	156.73k	46.30	65.64	-19.34	19.71	Neutral	-	26.59	9.73	0.01	9.97						
AV	156.73k	30.86	55.64	-24.78	19.71	Neutral	-	11.15	9.73	0.01	9.97						
QP	180.96k	43.26	64.43	-21.17	19.70	Neutral	-	23.56	9.72	0.01	9.97						
AV	180.96k	28.17	54.43	-26.26	19.70	Neutral	-	8.47	9.72	0.01	9.97						
QP	551.17k	46.47	56.00	-9.53	19.73	Neutral	-	26.74	9.71	0.04	9.98						
AV	551.17k	39.52	46.00	-6.48	19.73	Neutral	-	19.79	9.71	0.04	9.98						
QP	2.37M	32.03	56.00	-23.97	19.75	Neutral	-	12.28	9.75	0.03	9.97						
AV	2.37M	23.76	46.00	-22.24	19.75	Neutral	-	4.01	9.75	0.03	9.97						
QP	2.68M	32.93	56.00	-23.07	19.77	Neutral	-	13.16	9.76	0.04	9.97						
AV	2.68M	24.74	46.00	-21.26	19.77	Neutral	-	4.97	9.76	0.04	9.97						
QP	3.02M	29.90	56.00	-26.10	19.79	Neutral	-	10.11	9.77	0.04	9.98						
AV	3.02M	22.20	46.00	-23.80	19.79	Neutral	-	2.41	9.77	0.04	9.98						



Conducted Emissions at Powerline_Non-Beamforming_ Radio 3_Dipole

Appendix A.2

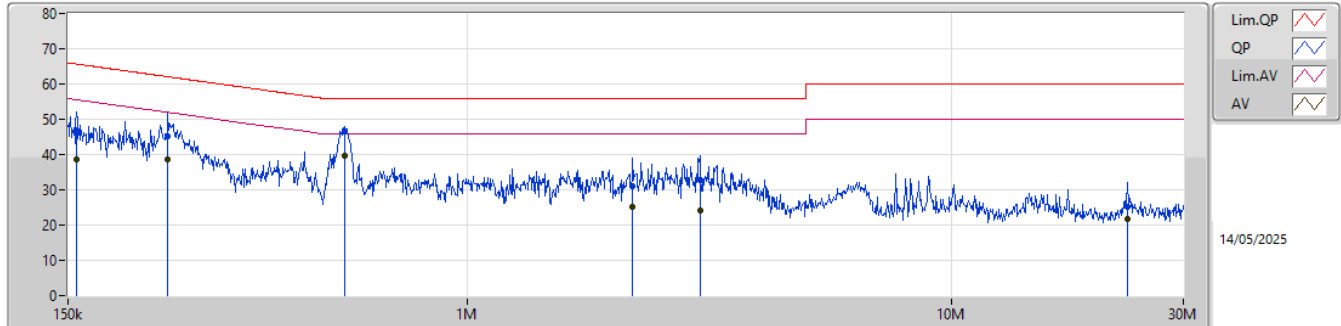
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	557.805k	39.57	46.00	-6.43	Line

Result

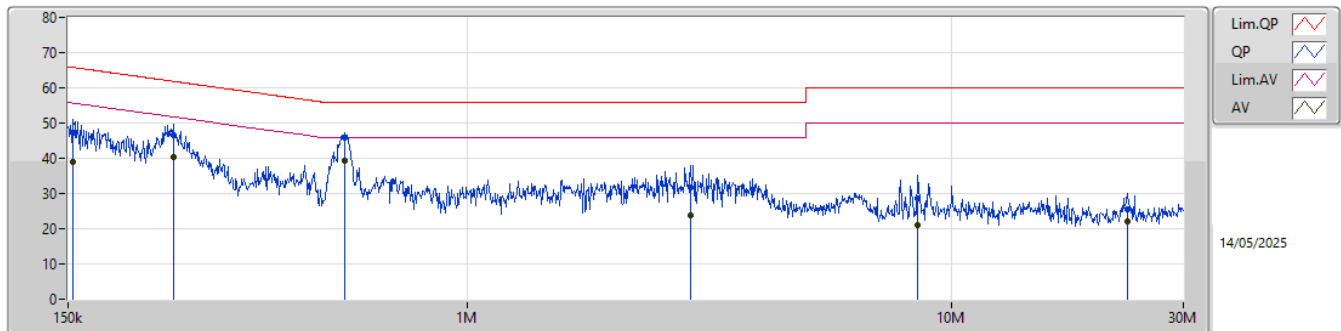
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.109k	46.97	65.67	-18.70	Line
Mode 1	Pass	AV	156.109k	38.56	55.67	-17.11	Line
Mode 1	Pass	QP	241.214k	45.34	62.06	-16.72	Line
Mode 1	Pass	AV	241.214k	38.71	52.06	-13.35	Line
Mode 1	Pass	QP	557.805k	46.42	56.00	-9.58	Line
Mode 1	Pass	AV	557.805k	39.57	46.00	-6.43	Line
Mode 1	Pass	QP	2.194M	31.04	56.00	-24.96	Line
Mode 1	Pass	AV	2.194M	25.18	46.00	-20.82	Line
Mode 1	Pass	QP	3.019M	32.86	56.00	-23.14	Line
Mode 1	Pass	AV	3.019M	24.22	46.00	-21.78	Line
Mode 1	Pass	QP	23.03M	25.08	60.00	-34.92	Line
Mode 1	Pass	AV	23.03M	21.61	50.00	-28.39	Line
Mode 1	Pass	QP	153.636k	47.35	65.81	-18.46	Neutral
Mode 1	Pass	AV	153.636k	39.06	55.81	-16.75	Neutral
Mode 1	Pass	QP	247.062k	46.39	61.85	-15.46	Neutral
Mode 1	Pass	AV	247.062k	40.47	51.85	-11.38	Neutral
Mode 1	Pass	QP	560.037k	46.01	56.00	-9.99	Neutral
Mode 1	Pass	AV	560.037k	39.21	46.00	-6.79	Neutral
Mode 1	Pass	QP	2.889M	31.57	56.00	-24.43	Neutral
Mode 1	Pass	AV	2.889M	23.89	46.00	-22.11	Neutral
Mode 1	Pass	QP	8.489M	28.48	60.00	-31.52	Neutral
Mode 1	Pass	AV	8.489M	21.17	50.00	-28.83	Neutral
Mode 1	Pass	QP	23.03M	25.42	60.00	-34.58	Neutral
Mode 1	Pass	AV	23.03M	22.02	50.00	-27.98	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	156.109k	46.97	65.67	-18.70	19.61	Line	-	27.36	9.63	0.01	9.97						
AV	156.109k	38.56	55.67	-17.11	19.61	Line	-	18.95	9.63	0.01	9.97						
QP	241.214k	45.34	62.06	-16.72	19.62	Line	-	25.72	9.63	0.02	9.97						
AV	241.214k	38.71	52.06	-13.35	19.62	Line	-	19.09	9.63	0.02	9.97						
QP	557.805k	46.42	56.00	-9.58	19.65	Line	-	26.77	9.63	0.04	9.98						
AV	557.805k	39.57	46.00	-6.43	19.65	Line	-	19.92	9.63	0.04	9.98						
QP	2.194M	31.04	56.00	-24.96	19.66	Line	-	11.38	9.66	0.03	9.97						
AV	2.194M	25.18	46.00	-20.82	19.66	Line	-	5.52	9.66	0.03	9.97						
QP	3.019M	32.86	56.00	-23.14	19.69	Line	-	13.17	9.67	0.04	9.98						
AV	3.019M	24.22	46.00	-21.78	19.69	Line	-	4.53	9.67	0.04	9.98						
QP	23.03M	25.08	60.00	-34.92	20.09	Line	-	4.99	9.79	0.31	9.99						
AV	23.03M	21.61	50.00	-28.39	20.09	Line	-	1.52	9.79	0.31	9.99						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	153.636k	47.35	65.81	-18.46	19.71	Neutral	-	27.64	9.73	0.01	9.97						
AV	153.636k	39.06	55.81	-16.75	19.71	Neutral	-	19.35	9.73	0.01	9.97						
QP	247.062k	46.39	61.85	-15.46	19.71	Neutral	-	26.68	9.72	0.02	9.97						
AV	247.062k	40.47	51.85	-11.38	19.71	Neutral	-	20.76	9.72	0.02	9.97						
QP	560.037k	46.01	56.00	-9.99	19.73	Neutral	-	26.28	9.71	0.04	9.98						
AV	560.037k	39.21	46.00	-6.79	19.73	Neutral	-	19.48	9.71	0.04	9.98						
QP	2.889M	31.57	56.00	-24.43	19.79	Neutral	-	11.78	9.77	0.04	9.98						
AV	2.889M	23.89	46.00	-22.11	19.79	Neutral	-	4.10	9.77	0.04	9.98						
QP	8.489M	28.48	60.00	-31.52	20.12	Neutral	-	8.36	9.93	0.21	9.98						
AV	8.489M	21.17	50.00	-28.83	20.12	Neutral	-	1.05	9.93	0.21	9.98						
QP	23.03M	25.42	60.00	-34.58	20.44	Neutral	-	4.98	10.14	0.31	9.99						
AV	23.03M	22.02	50.00	-27.98	20.44	Neutral	-	1.58	10.14	0.31	9.99						



Conducted Emissions at Powerline_Non-Beamforming_ Radio 3_Patch

Appendix A.3

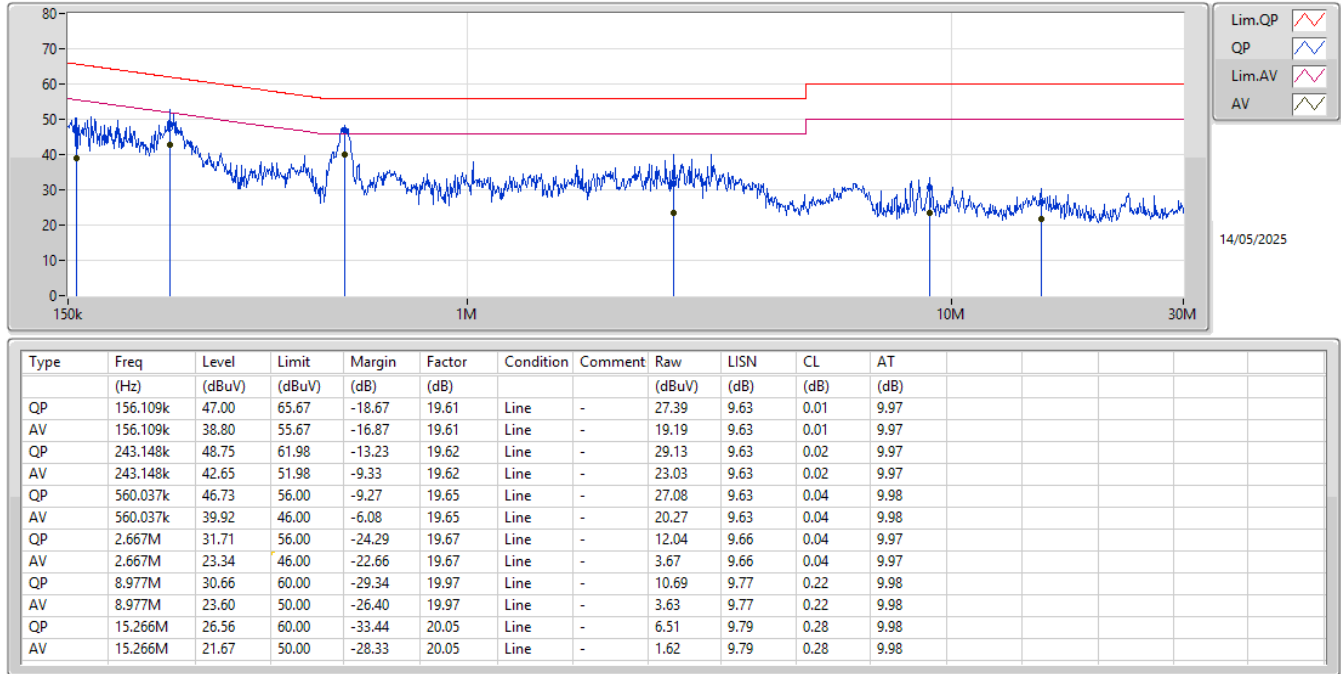
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	560.037k	39.92	46.00	-6.08	Line

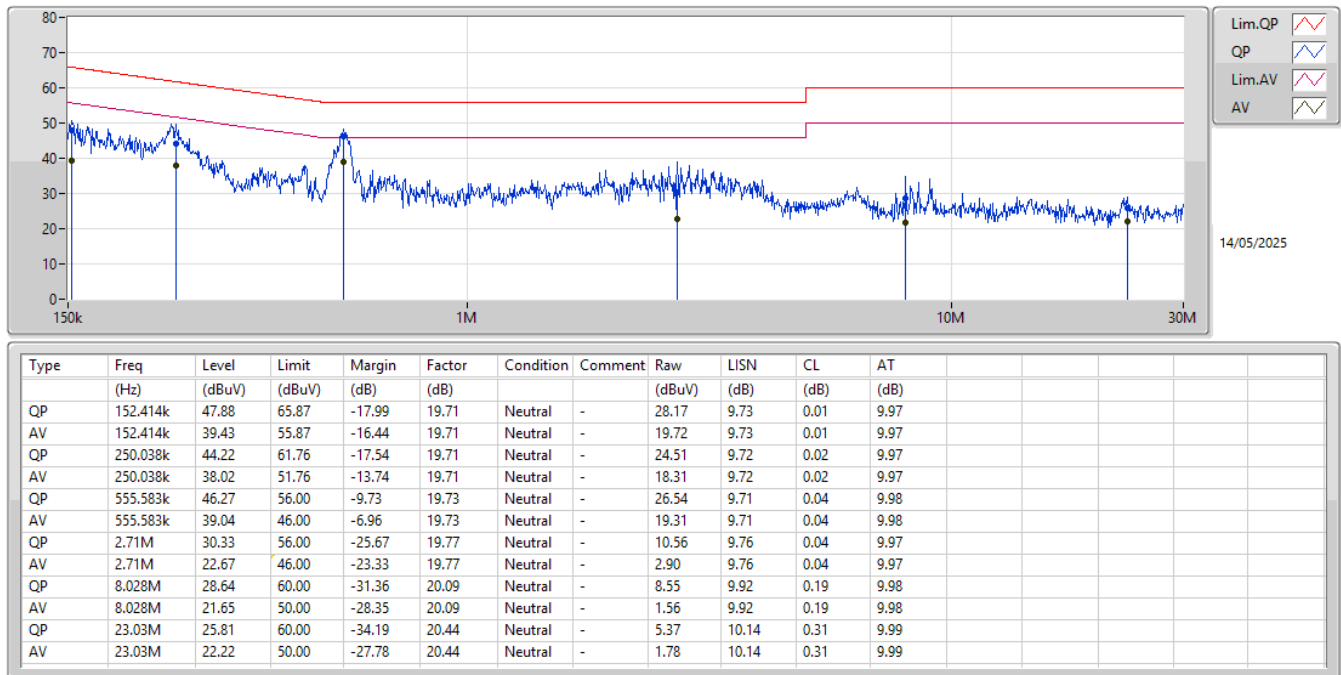
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.109k	47.00	65.67	-18.67	Line
Mode 1	Pass	AV	156.109k	38.80	55.67	-16.87	Line
Mode 1	Pass	QP	243.148k	48.75	61.98	-13.23	Line
Mode 1	Pass	AV	243.148k	42.65	51.98	-9.33	Line
Mode 1	Pass	QP	560.037k	46.73	56.00	-9.27	Line
Mode 1	Pass	AV	560.037k	39.92	46.00	-6.08	Line
Mode 1	Pass	QP	2.667M	31.71	56.00	-24.29	Line
Mode 1	Pass	AV	2.667M	23.34	46.00	-22.66	Line
Mode 1	Pass	QP	8.977M	30.66	60.00	-29.34	Line
Mode 1	Pass	AV	8.977M	23.60	50.00	-26.40	Line
Mode 1	Pass	QP	15.266M	26.56	60.00	-33.44	Line
Mode 1	Pass	AV	15.266M	21.67	50.00	-28.33	Line
Mode 1	Pass	QP	152.414k	47.88	65.87	-17.99	Neutral
Mode 1	Pass	AV	152.414k	39.43	55.87	-16.44	Neutral
Mode 1	Pass	QP	250.038k	44.22	61.76	-17.54	Neutral
Mode 1	Pass	AV	250.038k	38.02	51.76	-13.74	Neutral
Mode 1	Pass	QP	555.583k	46.27	56.00	-9.73	Neutral
Mode 1	Pass	AV	555.583k	39.04	46.00	-6.96	Neutral
Mode 1	Pass	QP	2.71M	30.33	56.00	-25.67	Neutral
Mode 1	Pass	AV	2.71M	22.67	46.00	-23.33	Neutral
Mode 1	Pass	QP	8.028M	28.64	60.00	-31.36	Neutral
Mode 1	Pass	AV	8.028M	21.65	50.00	-28.35	Neutral
Mode 1	Pass	QP	23.03M	25.81	60.00	-34.19	Neutral
Mode 1	Pass	AV	23.03M	22.22	50.00	-27.78	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	41.91M	24.638M	24M6D1D	32.89M	17.216M
a40_Nss1,(6Mbps)_1TX	83.93M	64.418M	64M4D1D	69.63M	36.682M
a80_Nss1,(6Mbps)_1TX	194.48M	101.649M	102MD1D	107.58M	76.262M
a160_Nss1,(6Mbps)_1TX	317.68M	233.283M	233MD1D	305.36M	155.322M
6.525-6.875GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	43.725M	27.261M	27M3D1D	41.03M	21.339M
a40_Nss1,(6Mbps)_1TX	108.46M	67.766M	67M8D1D	77.44M	58.821M
a80_Nss1,(6Mbps)_1TX	195.14M	106.547M	107MD1D	188.54M	94.053M
a160_Nss1,(6Mbps)_1TX	318.12M	224.688M	225MD1D	318.12M	224.688M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
a20_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	32.89M	17.216M
6195MHz	Pass	Inf	41.8M	24.638M
6415MHz	Pass	Inf	41.91M	22.614M
6535MHz	Pass	Inf	41.03M	21.339M
6695MHz	Pass	Inf	41.69M	22.289M
6855MHz	Pass	Inf	43.725M	27.261M
a40_Nss1,(6Mbps)_1TX	-	-	-	-
5965MHz	Pass	Inf	69.63M	36.682M
6205MHz	Pass	Inf	83.93M	64.418M
6405MHz	Pass	Inf	81.07M	60.87M
6565MHz	Pass	Inf	77.44M	58.821M
6685MHz	Pass	Inf	78.1M	63.518M
6845MHz	Pass	Inf	108.46M	67.766M
a80_Nss1,(6Mbps)_1TX	-	-	-	-
5985MHz	Pass	Inf	107.58M	76.262M
6225MHz	Pass	Inf	194.48M	101.649M
6385MHz	Pass	Inf	184.36M	94.253M
6625MHz	Pass	Inf	188.54M	94.053M
6705MHz	Pass	Inf	195.14M	99.35M
6785MHz	Pass	Inf	194.92M	106.547M
a160_Nss1,(6Mbps)_1TX	-	-	-	-
6025MHz	Pass	Inf	305.36M	155.322M
6185MHz	Pass	Inf	316.8M	230.285M
6345MHz	Pass	Inf	317.68M	233.283M
6665MHz	Pass	Inf	318.12M	224.688M

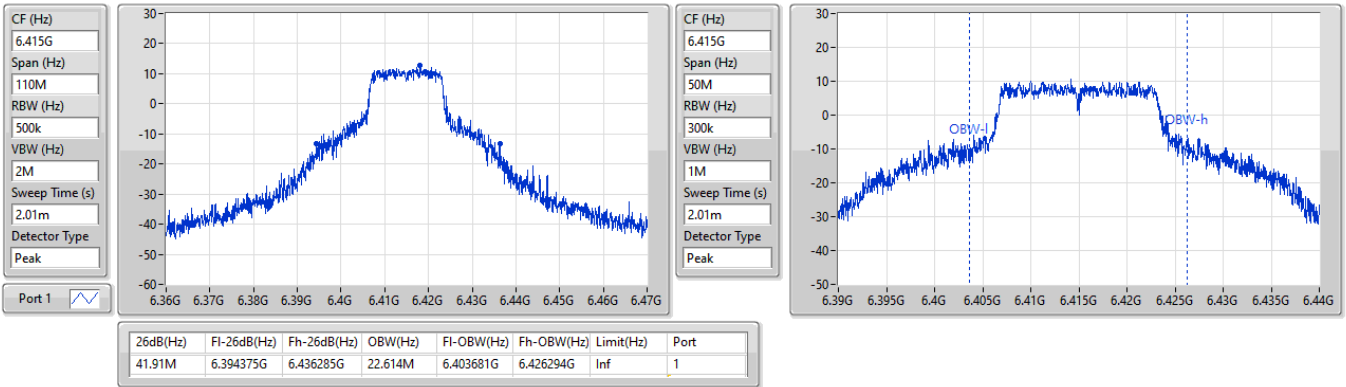
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_a20_Nss1,(6Mbps)_1TX

EBW

6415MHz

11/07/2025

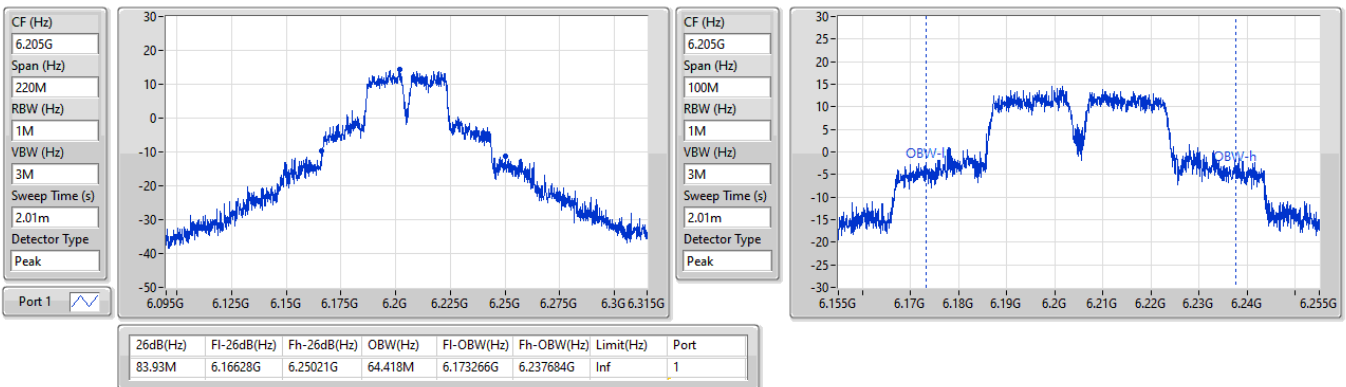


5.925-6.425GHz_a40_Nss1,(6Mbps)_1TX

EBW

6205MHz

11/07/2025

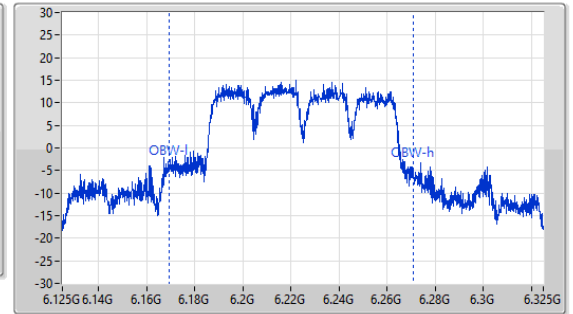
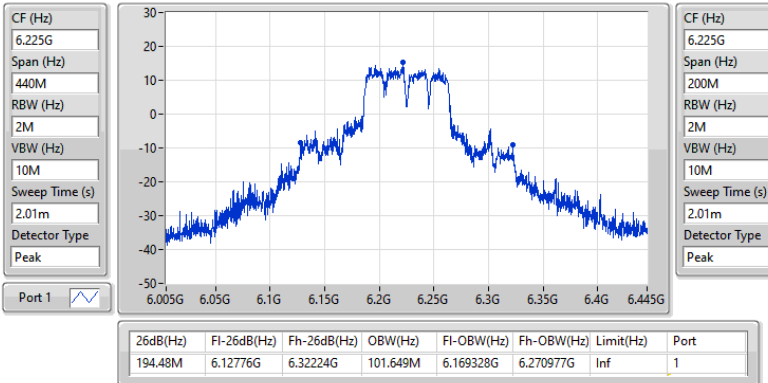


5.925-6.425GHz_a80_Nss1,(6Mbps)_1TX

EBW

6225MHz

11/07/2025

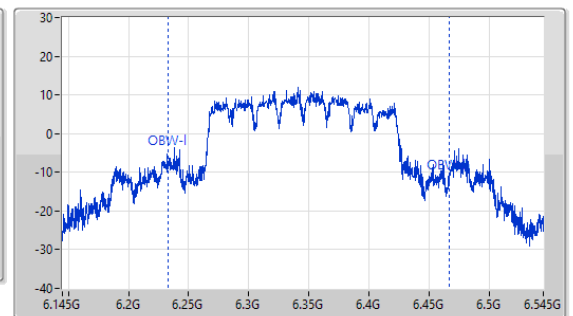
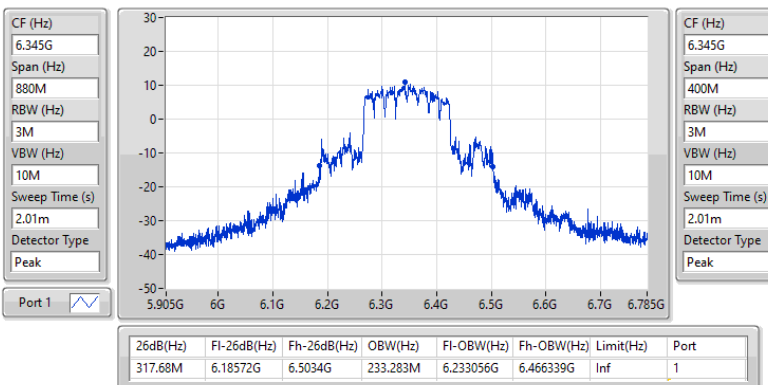


5.925-6.425GHz_a160_Nss1,(6Mbps)_1TX

EBW

6345MHz

23/07/2025

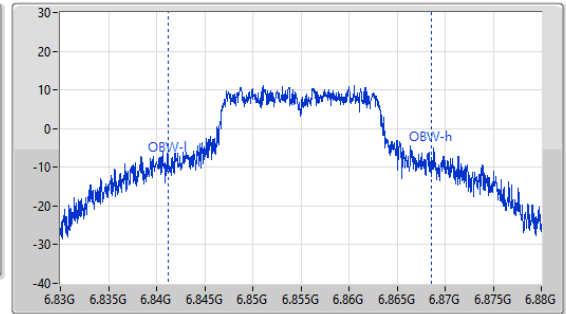
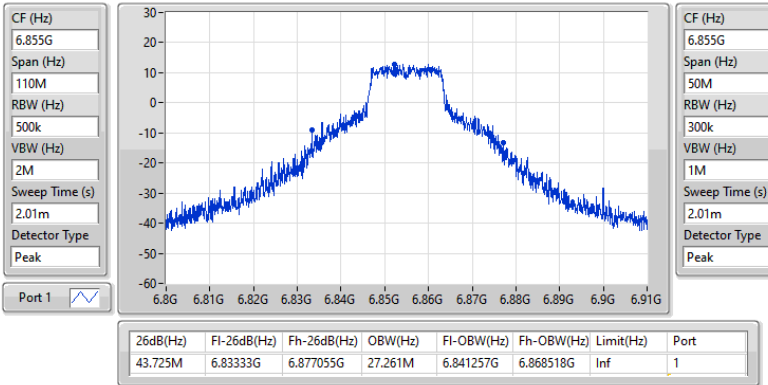


6.525-6.875GHz_a20_Nss1,(6Mbps)_1TX

EBW

6855MHz

11/07/2025

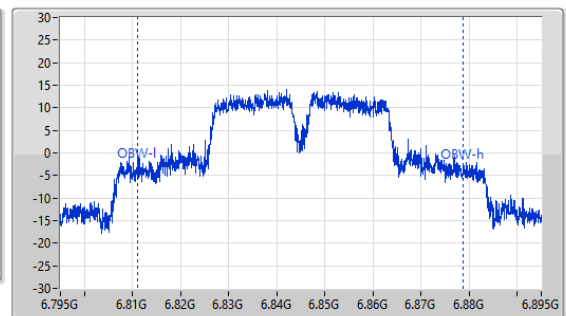
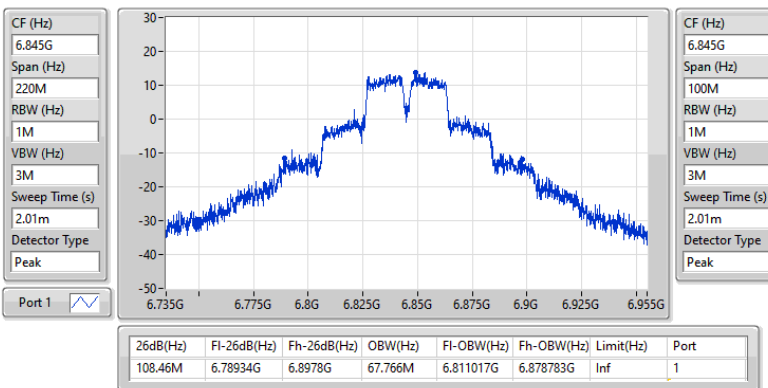


6.525-6.875GHz_a40_Nss1,(6Mbps)_1TX

EBW

6845MHz

11/07/2025

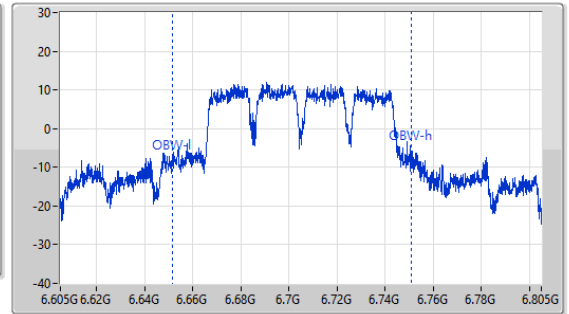
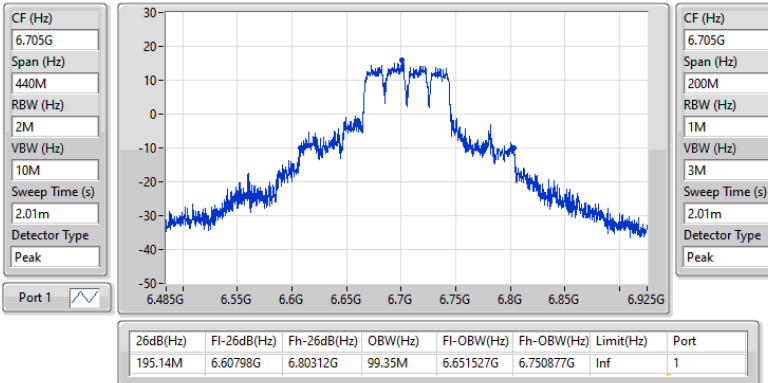


6.525-6.875GHz_a80_Nss1,(6Mbps)_1TX

EBW

6705MHz

11/07/2025

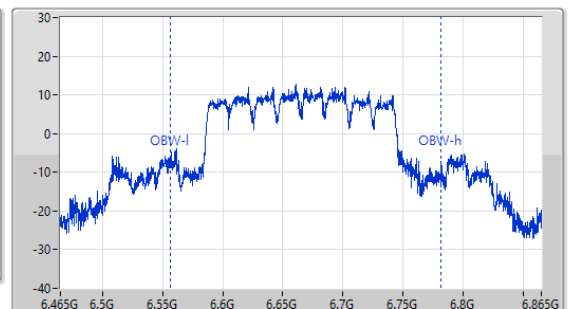
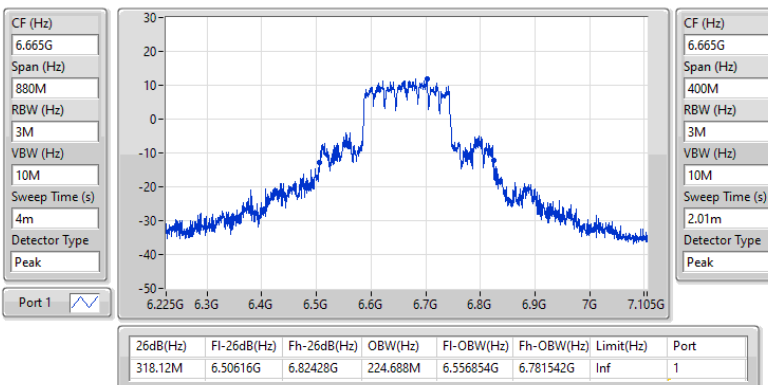


6.525-6.875GHz_a160_Nss1,(6Mbps)_1TX

EBW

6665MHz

23/07/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	30.415M	17.085M	17M1D1D	21.01M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	30.58M	19.165M	19M2D1D	21.285M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	68.75M	38.131M	38M1D1D	40.59M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX	126.28M	77.561M	77M6D1D	97.68M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX	270.6M	157.321M	157MD1D	185.68M	156.722M
802.11be EHT320_Nss1,(MCS0)_1TX	528.88M	316.242M	316MD1D	497.2M	316.242M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.87M	16.822M	16M8D1D	21.505M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	23.705M	19.09M	19M1D1D	21.065M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	65.56M	37.981M	38M0D1D	41.47M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	116.38M	77.561M	77M6D1D	81.18M	77.361M
802.11be EHT160_Nss1,(MCS0)_1TX	164.56M	156.522M	157MD1D	164.56M	156.522M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	30.415M	17.085M
6195MHz	Pass	Inf	22.11M	16.8M
6415MHz	Pass	Inf	21.01M	16.668M
6535MHz	Pass	Inf	22.33M	16.756M
6695MHz	Pass	Inf	21.505M	16.734M
6855MHz	Pass	Inf	23.87M	16.822M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	30.58M	19.165M
6195MHz	Pass	Inf	21.725M	19.115M
6415MHz	Pass	Inf	21.285M	19.065M
6535MHz	Pass	Inf	23.705M	19.065M
6695MHz	Pass	Inf	21.065M	19.015M
6855MHz	Pass	Inf	23.43M	19.09M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	68.75M	38.131M
6205MHz	Pass	Inf	50.49M	37.881M
6405MHz	Pass	Inf	40.59M	37.881M
6565MHz	Pass	Inf	41.47M	37.781M
6685MHz	Pass	Inf	41.58M	37.731M
6845MHz	Pass	Inf	65.56M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	126.28M	77.561M
6225MHz	Pass	Inf	105.38M	77.561M
6385MHz	Pass	Inf	97.68M	77.461M
6625MHz	Pass	Inf	81.18M	77.361M
6705MHz	Pass	Inf	106.7M	77.361M
6785MHz	Pass	Inf	116.38M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	270.6M	157.321M
6185MHz	Pass	Inf	185.68M	156.722M
6345MHz	Pass	Inf	202.84M	156.722M
6665MHz	Pass	Inf	164.56M	156.522M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	320M	497.2M	316.242M
6265MHz	Pass	320M	528.88M	316.242M

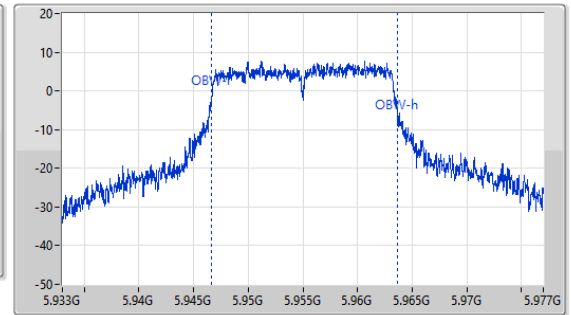
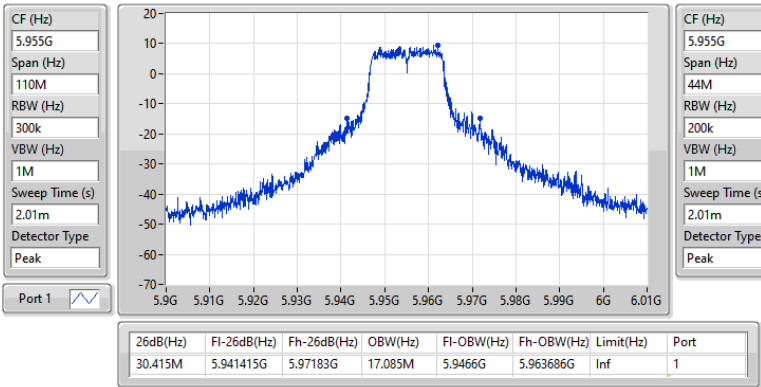
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5955MHz

12/07/2025

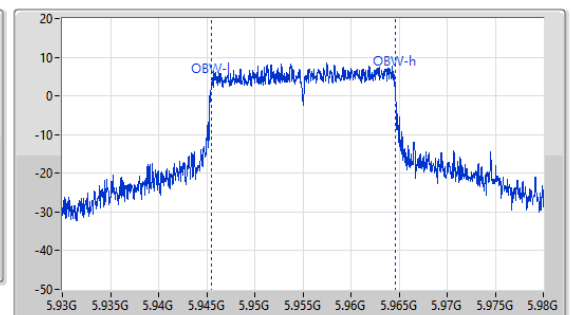
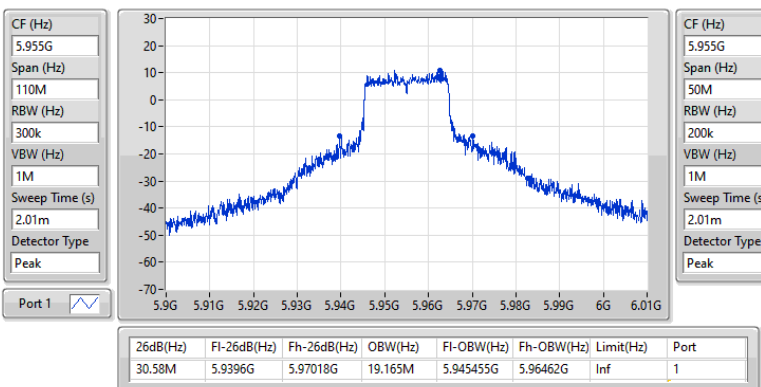


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

12/07/2025

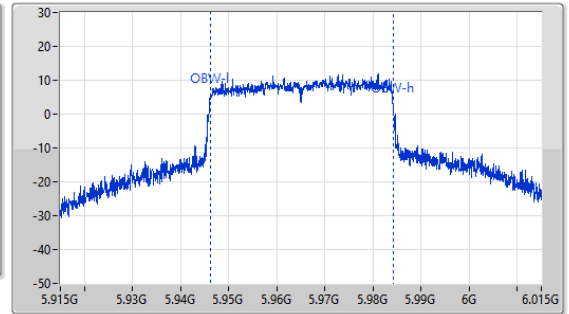
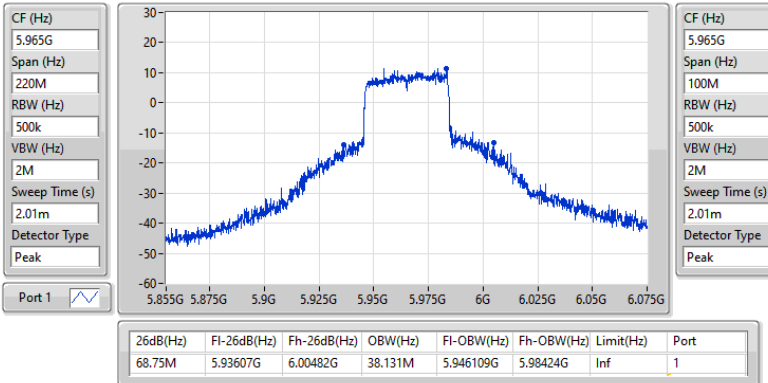


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5965MHz

12/07/2025

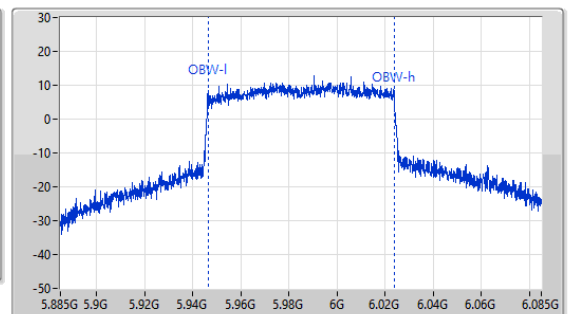
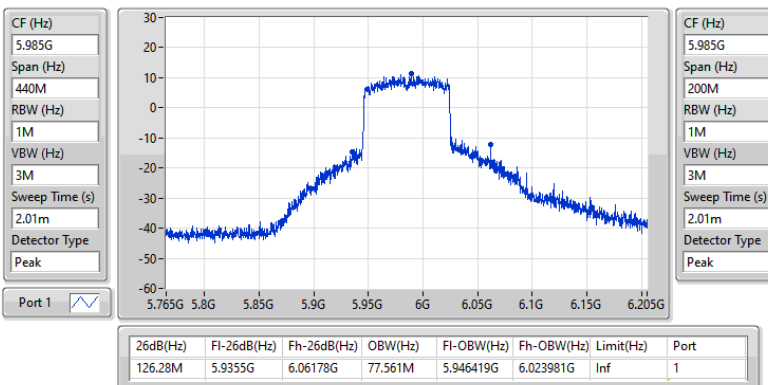


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5985MHz

12/07/2025

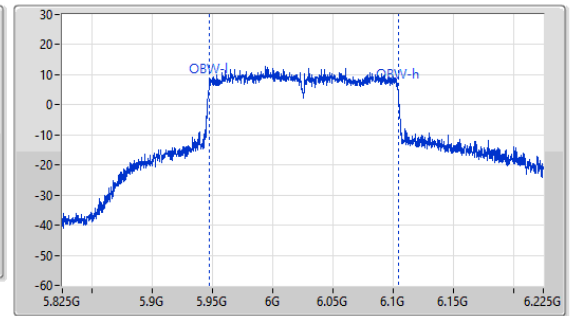
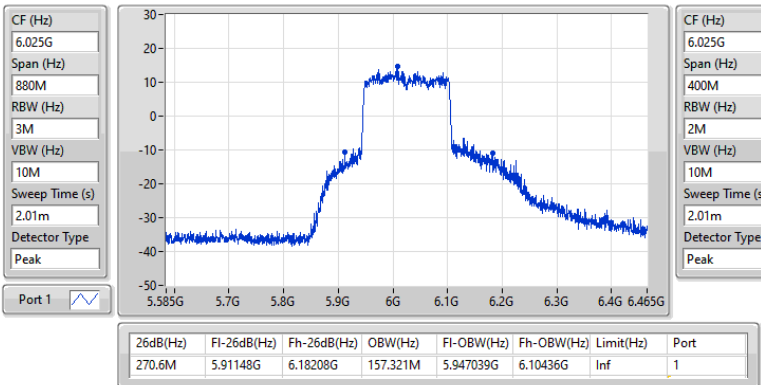


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6025MHz

12/07/2025

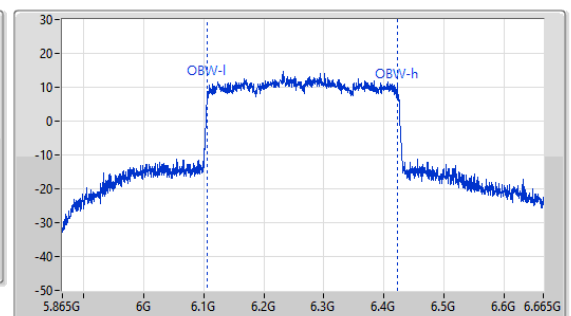
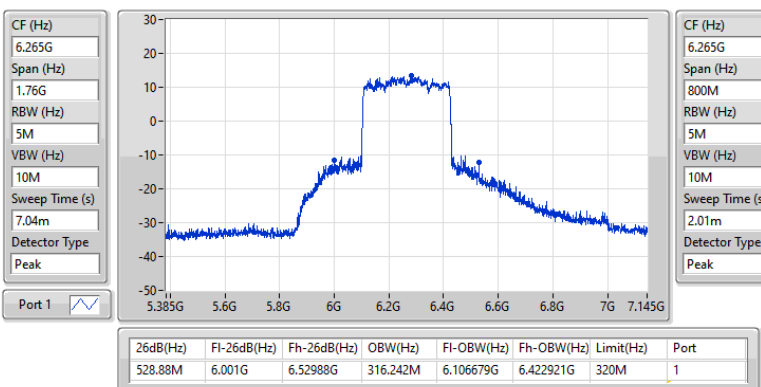


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6265MHz

12/07/2025

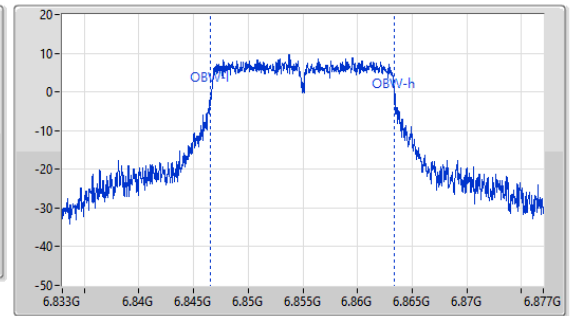
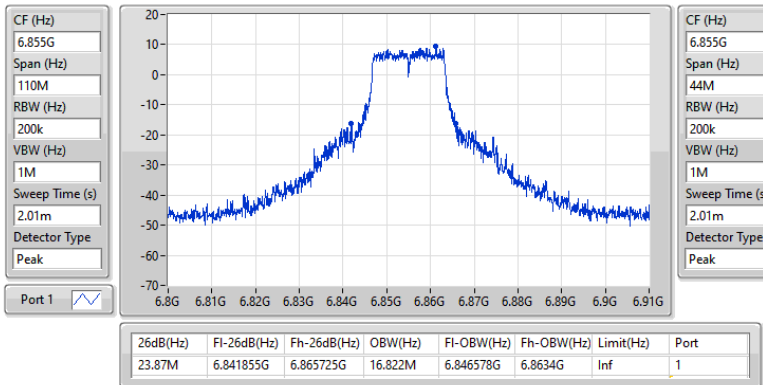


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6855MHz

12/07/2025

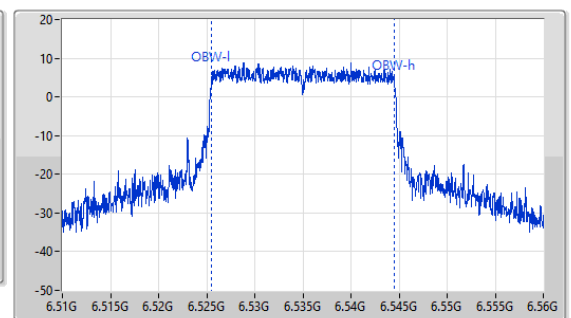
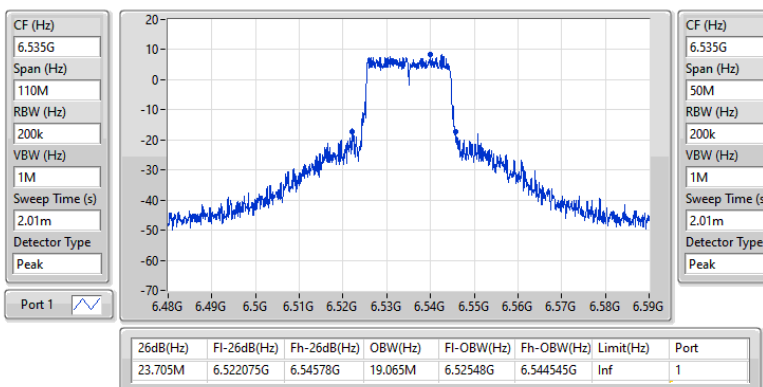


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6535MHz

12/07/2025

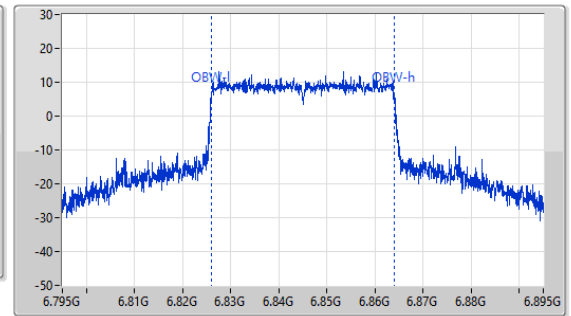
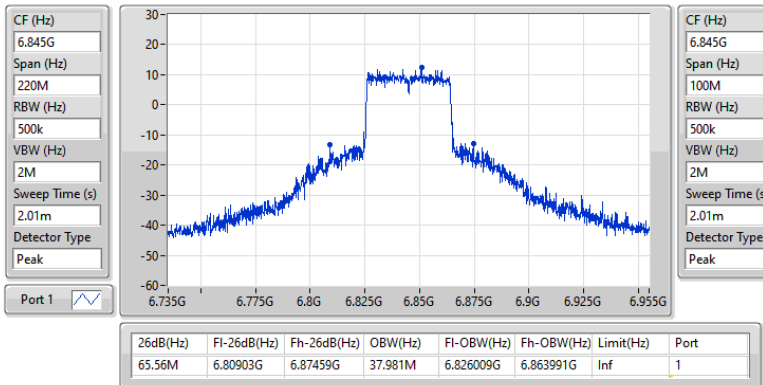


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6845MHz

12/07/2025

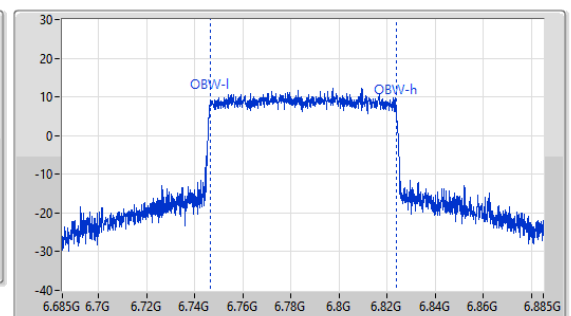
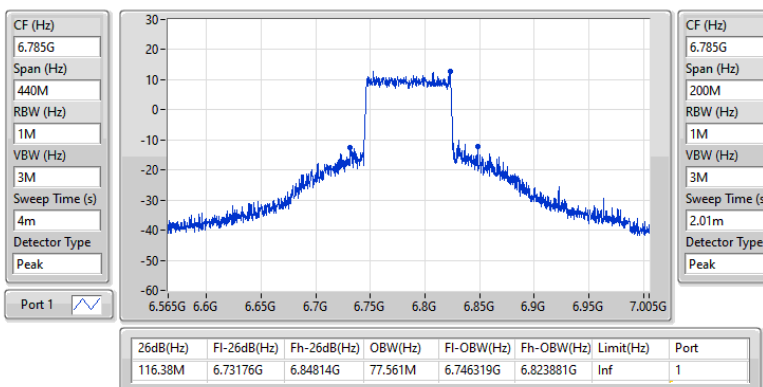


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6785MHz

12/07/2025



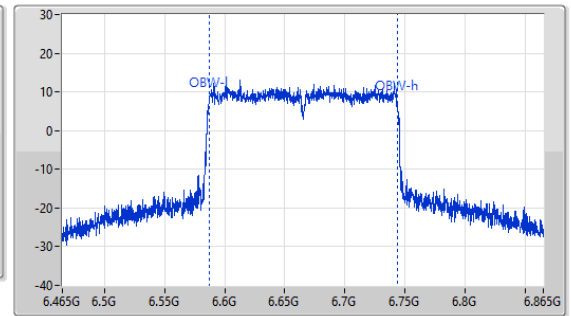
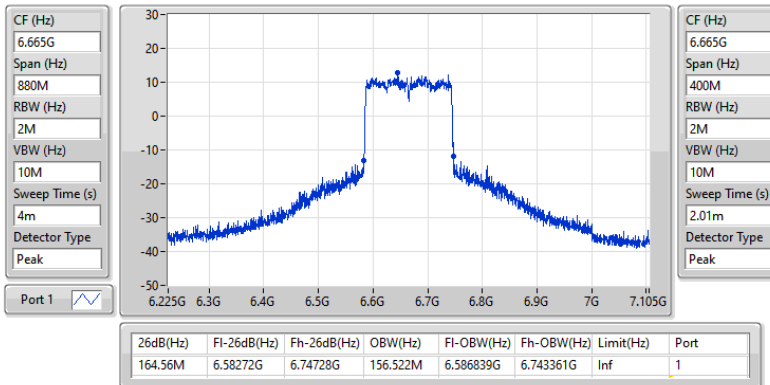


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

12/07/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.22M	17.547M	17M5D1D	20.9M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	36.465M	19.165M	19M2D1D	21.12M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	73.81M	38.281M	38M3D1D	40.04M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	123.42M	77.561M	77M6D1D	81.4M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	266.64M	157.121M	157MD1D	163.24M	156.322M
802.11be EHT320_Nss1,(MCS0)_2TX	479.6M	316.642M	317MD1D	324.72M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.88M	17.217M	17M2D1D	20.68M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	27.005M	19.14M	19M1D1D	21.175M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	66.88M	37.981M	38M0D1D	40.15M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	104.06M	77.561M	77M6D1D	80.52M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	165.88M	156.522M	157MD1D	164.56M	156.522M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	33.22M	17.547M	28.71M	17.019M
6195MHz	Pass	Inf	25.575M	16.998M	21.89M	16.8M
6415MHz	Pass	Inf	21.12M	16.712M	20.9M	16.646M
6535MHz	Pass	Inf	22.055M	16.822M	20.9M	16.69M
6695MHz	Pass	Inf	21.23M	16.8M	20.68M	16.668M
6855MHz	Pass	Inf	31.79M	17.217M	33.88M	17.063M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	36.465M	19.165M	26.125M	19.04M
6195MHz	Pass	Inf	32.12M	19.165M	21.67M	19.115M
6415MHz	Pass	Inf	22.11M	19.015M	21.12M	19.04M
6535MHz	Pass	Inf	21.56M	19.065M	21.505M	19.04M
6695MHz	Pass	Inf	21.23M	19.065M	21.175M	19.04M
6855MHz	Pass	Inf	27.005M	19.14M	25.025M	19.115M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	73.81M	38.281M	40.04M	37.781M
6205MHz	Pass	Inf	47.08M	37.781M	40.48M	37.731M
6405MHz	Pass	Inf	44.11M	37.931M	40.92M	37.731M
6565MHz	Pass	Inf	42.57M	37.881M	40.59M	37.831M
6685MHz	Pass	Inf	43.67M	37.831M	40.15M	37.731M
6845MHz	Pass	Inf	52.47M	37.981M	66.88M	37.831M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	123.42M	77.461M	81.84M	77.161M
6225MHz	Pass	Inf	113.08M	77.561M	86.68M	77.261M
6385MHz	Pass	Inf	85.36M	77.361M	81.4M	77.261M
6625MHz	Pass	Inf	81.18M	77.261M	80.52M	77.261M
6705MHz	Pass	Inf	104.06M	77.261M	81.4M	77.261M
6785MHz	Pass	Inf	93.5M	77.561M	80.52M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	266.64M	157.121M	165M	156.322M
6185MHz	Pass	Inf	209M	156.922M	163.24M	156.322M
6345MHz	Pass	Inf	205.48M	157.121M	163.68M	156.322M
6665MHz	Pass	Inf	165.88M	156.522M	164.56M	156.522M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	479.6M	316.642M	341.44M	316.242M
6265MHz	Pass	320M	355.52M	315.442M	324.72M	315.842M

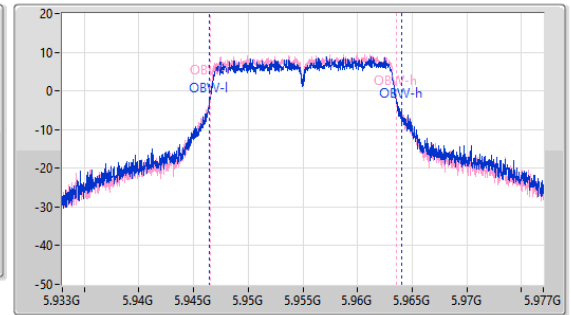
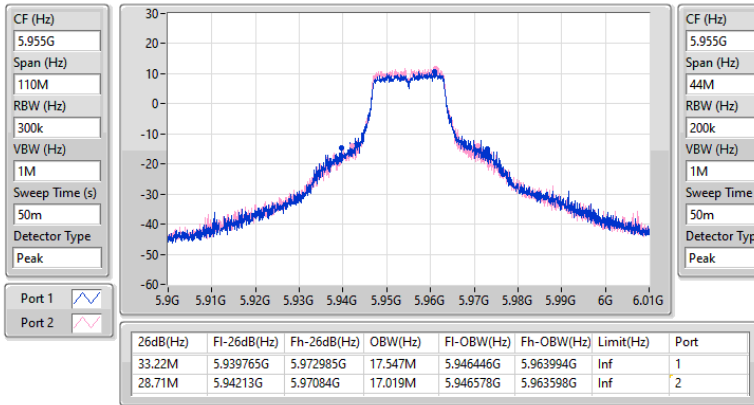
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5955MHz

12/07/2025

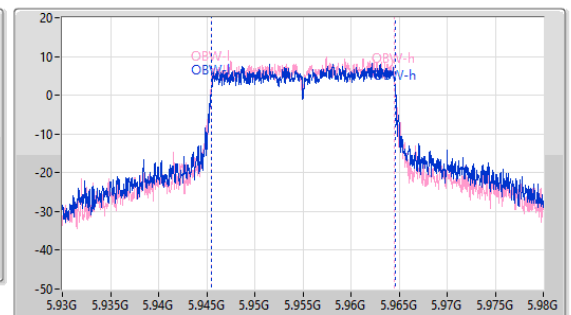
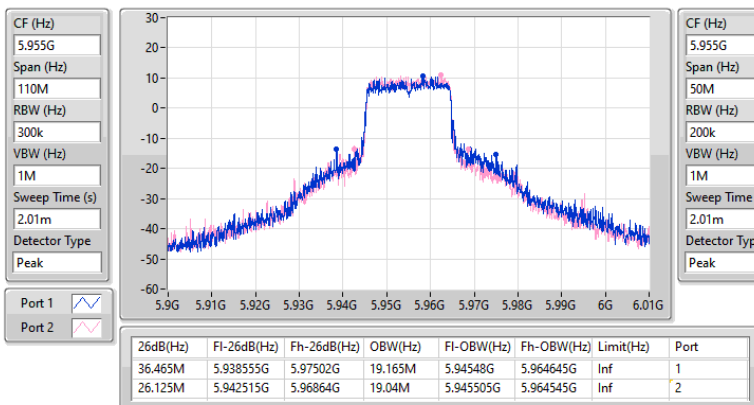


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

12/07/2025

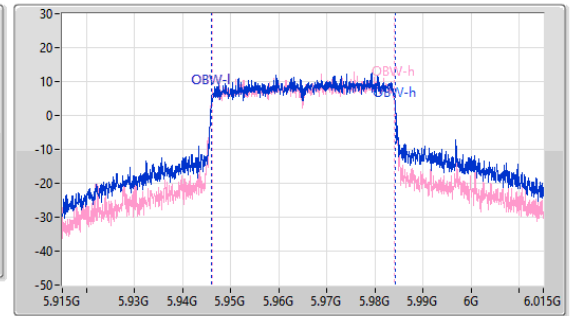
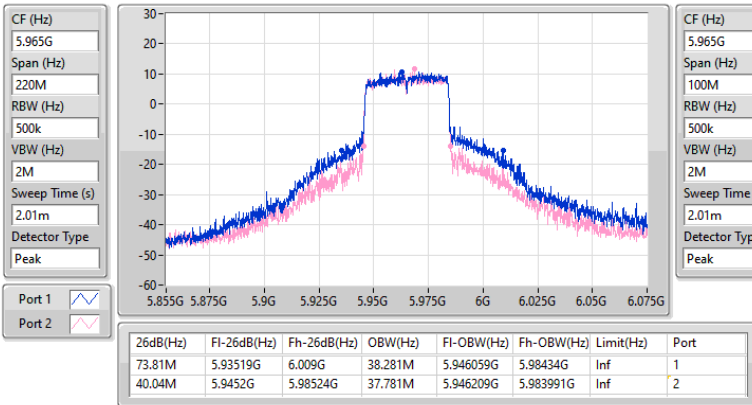


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

12/07/2025

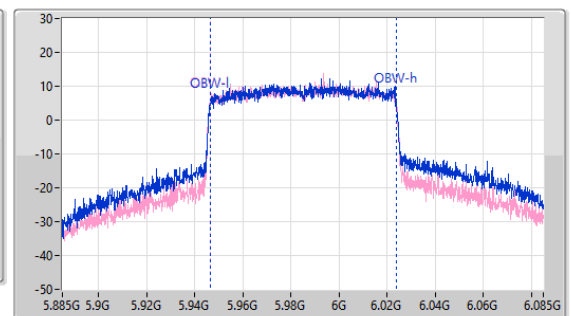
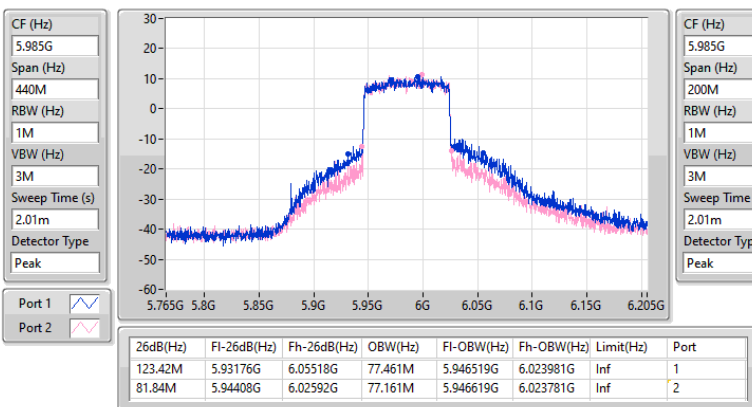


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5985MHz

12/07/2025

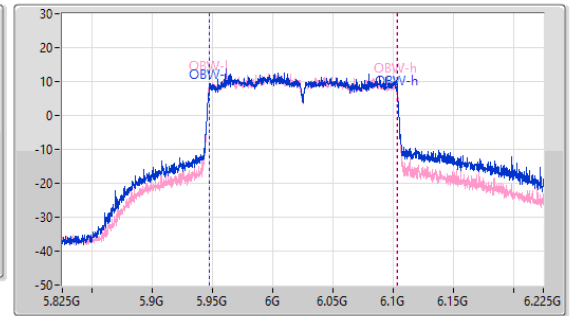
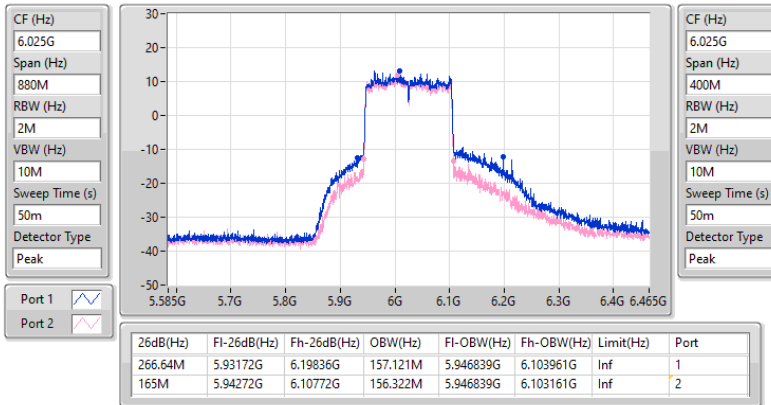


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6025MHz

21/07/2025

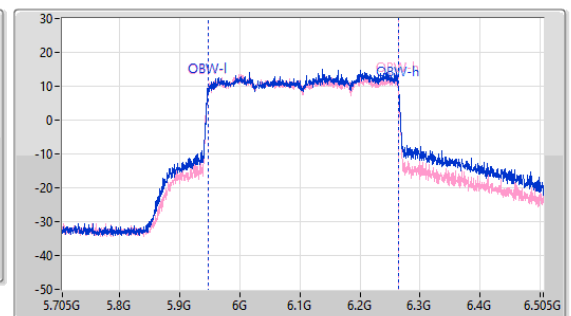
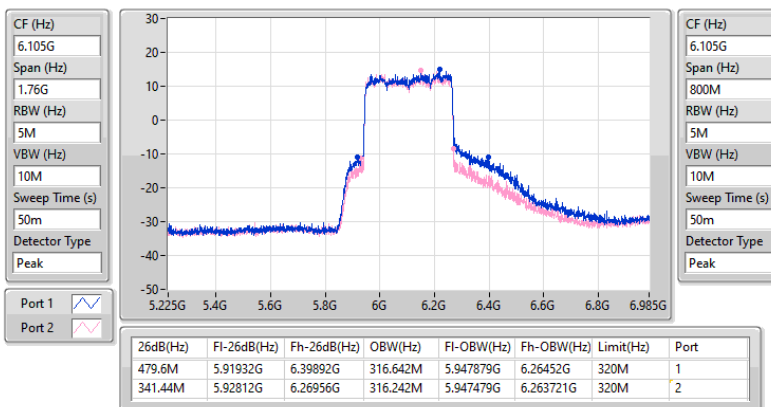


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

12/07/2025

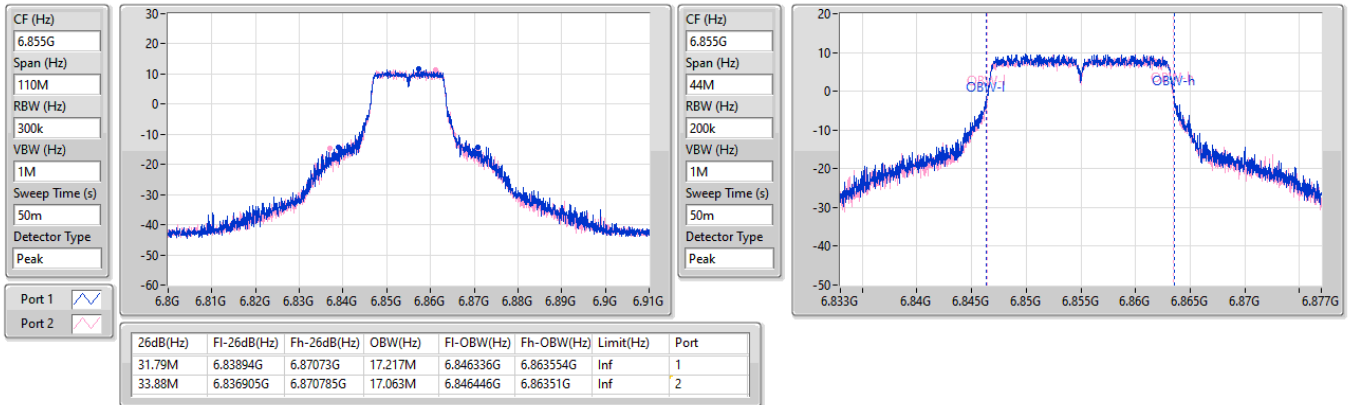


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6855MHz

12/07/2025

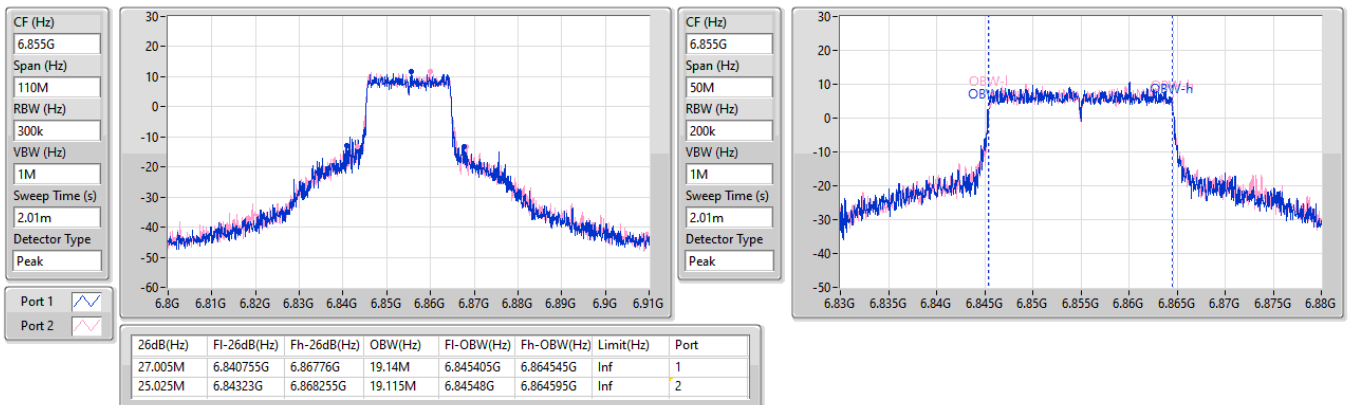


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6855MHz

12/07/2025

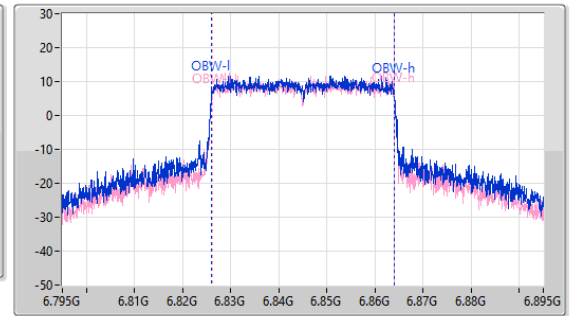
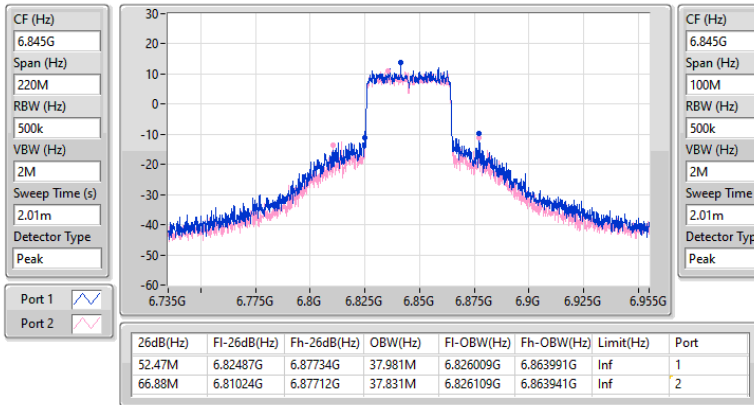


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6845MHz

12/07/2025

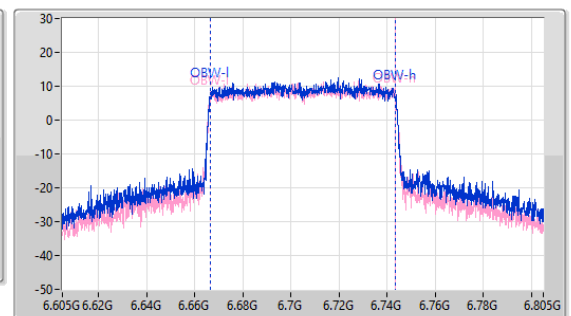
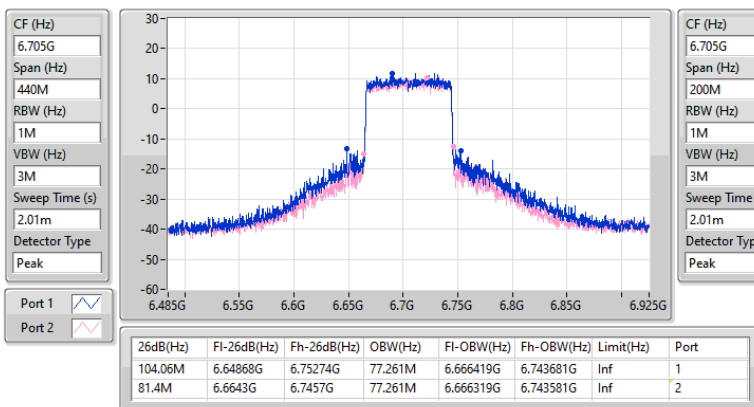


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

12/07/2025

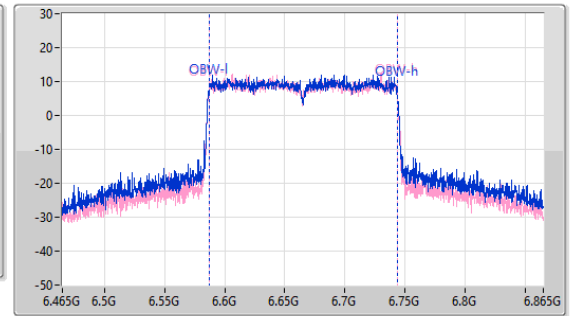
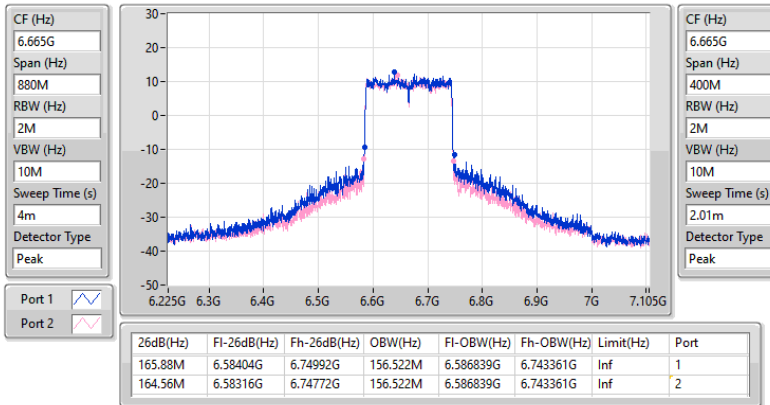


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

12/07/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	29.865M	19.24M	19M2D1D	21.285M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	70.07M	38.281M	38M3D1D	40.04M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	126.28M	77.661M	77M7D1D	80.3M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	220.44M	157.121M	157MD1D	172.04M	156.322M
802.11be EHT320_Nss2,(MCS0)_2TX	491.04M	316.642M	317MD1D	346.72M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.225M	19.115M	19M1D1D	21.065M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	68.2M	38.031M	38M0D1D	40.15M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	126.5M	77.361M	77M4D1D	80.74M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	186.56M	156.522M	157MD1D	168.96M	156.322M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	29.865M	19.24M	28.49M	19.065M
6195MHz	Pass	Inf	21.45M	19.09M	21.34M	18.991M
6415MHz	Pass	Inf	22.055M	19.09M	21.285M	19.04M
6535MHz	Pass	Inf	22.44M	19.065M	21.285M	19.015M
6695MHz	Pass	Inf	21.065M	19.04M	21.175M	19.04M
6855MHz	Pass	Inf	27.225M	19.115M	27.06M	19.115M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	70.07M	38.281M	59.18M	37.881M
6205MHz	Pass	Inf	63.03M	37.831M	40.04M	37.781M
6405MHz	Pass	Inf	40.37M	37.781M	40.48M	37.731M
6565MHz	Pass	Inf	59.73M	37.881M	40.15M	37.731M
6685MHz	Pass	Inf	43.67M	37.881M	43.67M	37.781M
6845MHz	Pass	Inf	68.2M	38.031M	51.7M	37.881M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	126.28M	77.661M	85.36M	77.161M
6225MHz	Pass	Inf	123.64M	77.461M	80.3M	77.261M
6385MHz	Pass	Inf	94.82M	77.361M	84.48M	77.261M
6625MHz	Pass	Inf	83.82M	77.361M	80.74M	77.361M
6705MHz	Pass	Inf	100.76M	77.361M	126.5M	77.161M
6785MHz	Pass	Inf	114.84M	77.361M	91.08M	77.361M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	220.44M	157.121M	182.6M	156.322M
6185MHz	Pass	Inf	218.68M	157.121M	176.88M	156.522M
6345MHz	Pass	Inf	172.04M	156.922M	172.92M	156.522M
6665MHz	Pass	Inf	186.56M	156.522M	168.96M	156.322M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	386.32M	316.642M	346.72M	315.842M
6265MHz	Pass	320M	491.04M	315.442M	420.64M	315.042M

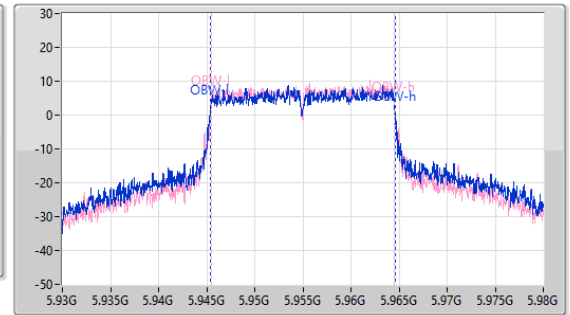
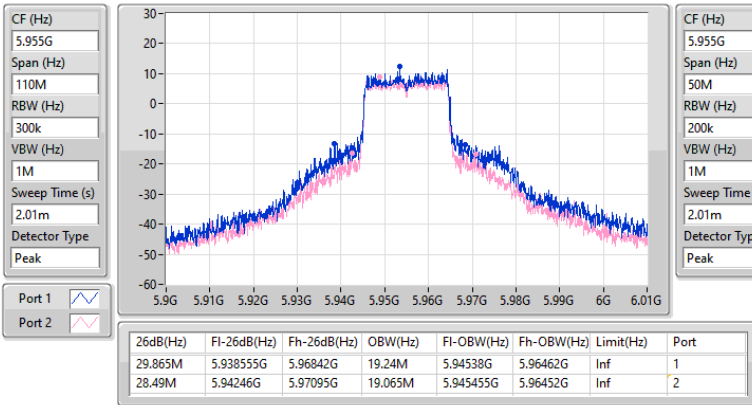
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

12/07/2025

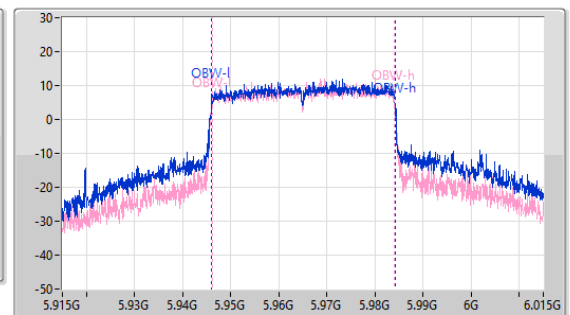
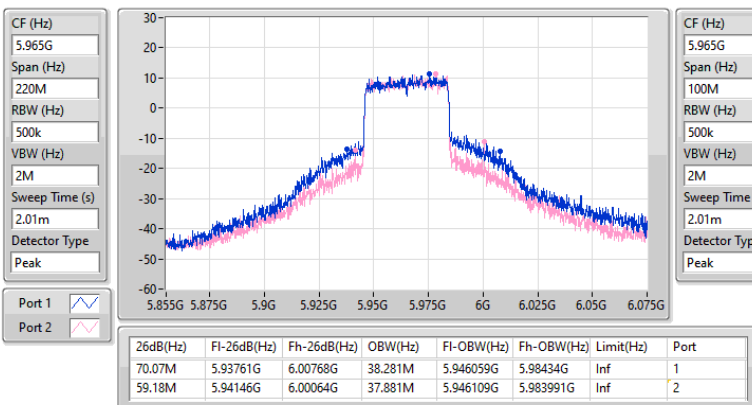


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5965MHz

12/07/2025

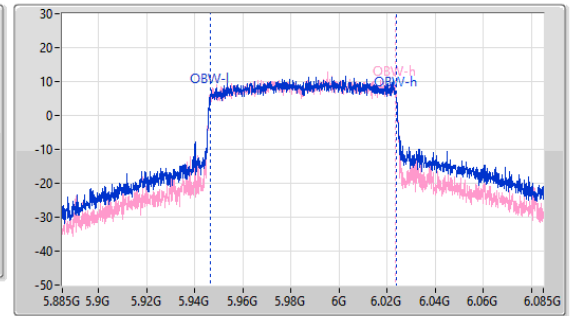
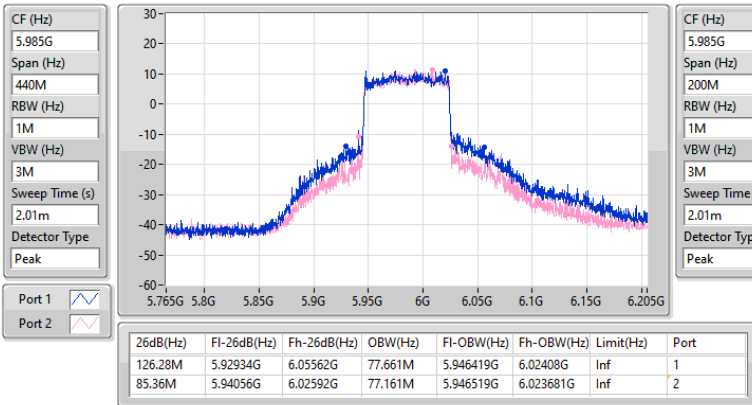


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5985MHz

12/07/2025

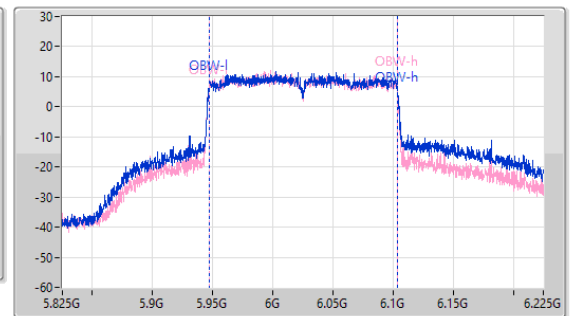
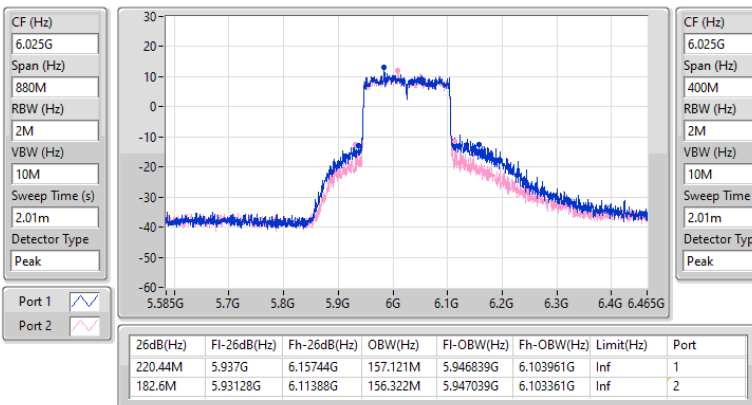


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6025MHz

21/07/2025

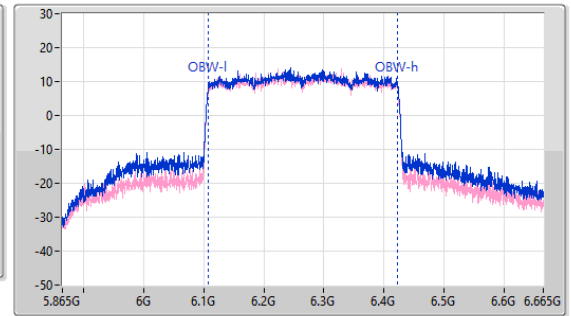
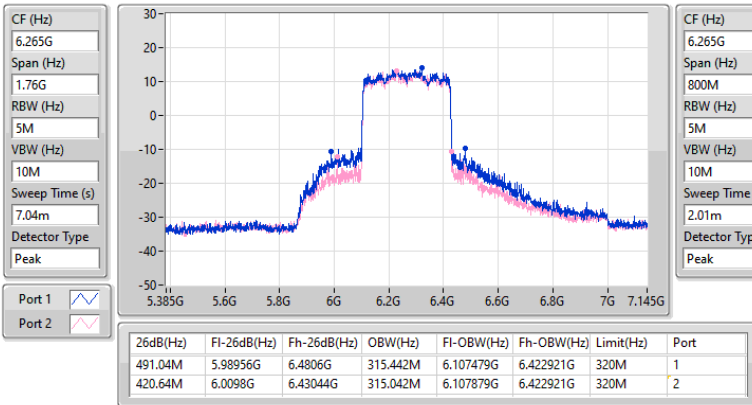


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6265MHz

12/07/2025

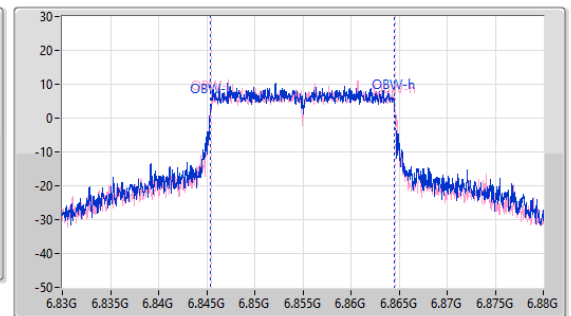
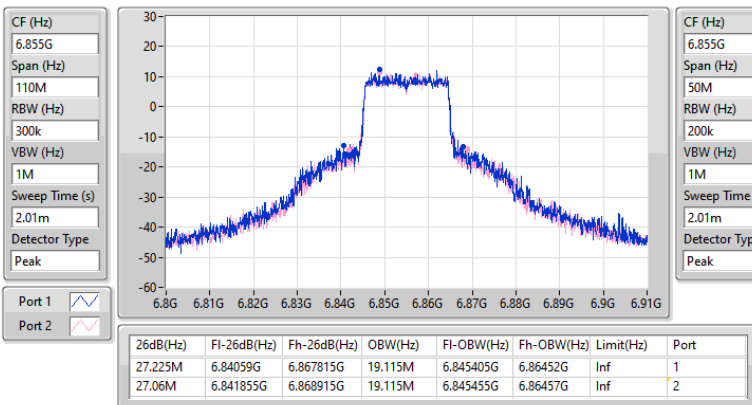


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6855MHz

12/07/2025

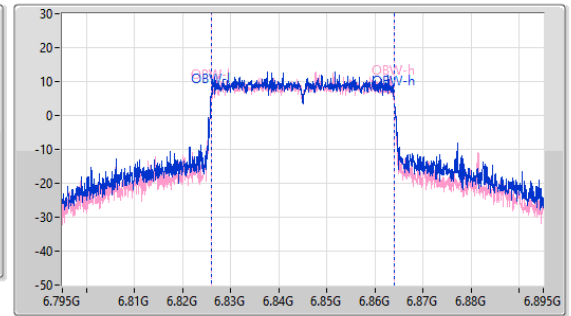
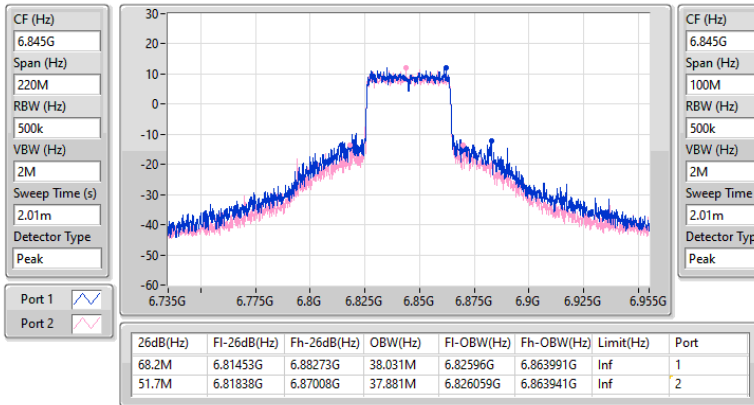


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6845MHz

12/07/2025

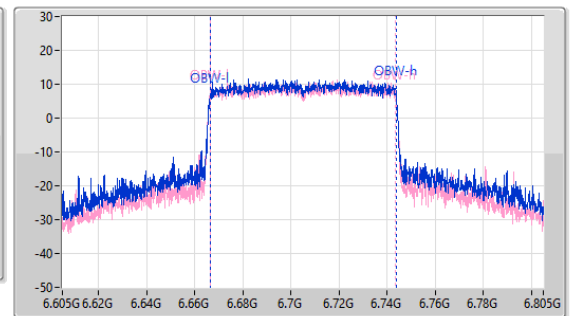
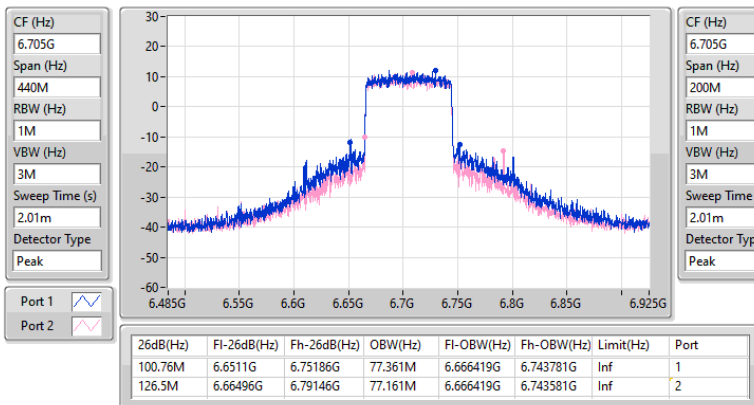


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6705MHz

12/07/2025

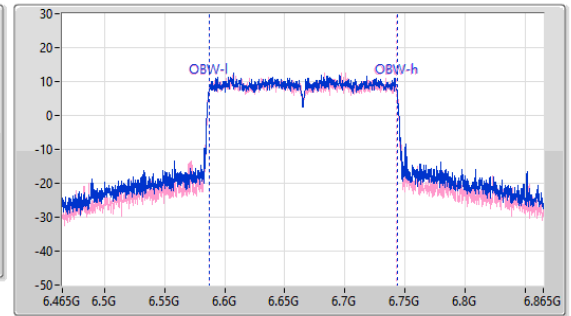
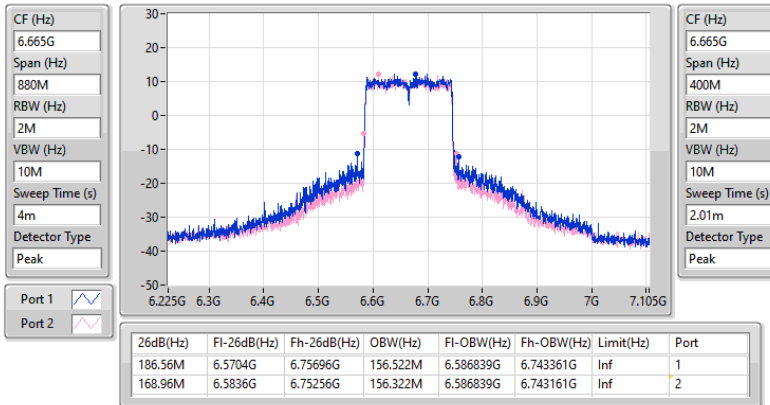


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

12/07/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	30.415M	17.085M	17M1D1D	21.01M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	30.58M	19.165M	19M2D1D	21.285M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	68.75M	38.131M	38M1D1D	40.59M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX	126.28M	77.561M	77M6D1D	97.68M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX	270.6M	157.321M	157MD1D	185.68M	156.722M
802.11be EHT320_Nss1,(MCS0)_1TX	528.88M	316.242M	316MD1D	497.2M	316.242M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.87M	16.822M	16M8D1D	21.505M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	23.705M	19.09M	19M1D1D	21.065M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	65.56M	37.981M	38M0D1D	41.47M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	116.38M	77.561M	77M6D1D	81.18M	77.361M
802.11be EHT160_Nss1,(MCS0)_1TX	164.56M	156.522M	157MD1D	164.56M	156.522M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	30.415M	17.085M
6195MHz	Pass	Inf	22.11M	16.8M
6415MHz	Pass	Inf	21.01M	16.668M
6535MHz	Pass	Inf	22.33M	16.756M
6695MHz	Pass	Inf	21.505M	16.734M
6855MHz	Pass	Inf	23.87M	16.822M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	30.58M	19.165M
6195MHz	Pass	Inf	21.725M	19.115M
6415MHz	Pass	Inf	21.285M	19.065M
6535MHz	Pass	Inf	23.705M	19.065M
6695MHz	Pass	Inf	21.065M	19.015M
6855MHz	Pass	Inf	23.43M	19.09M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	68.75M	38.131M
6205MHz	Pass	Inf	50.49M	37.881M
6405MHz	Pass	Inf	40.59M	37.881M
6565MHz	Pass	Inf	41.47M	37.781M
6685MHz	Pass	Inf	41.58M	37.731M
6845MHz	Pass	Inf	65.56M	37.981M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	126.28M	77.561M
6225MHz	Pass	Inf	105.38M	77.561M
6385MHz	Pass	Inf	97.68M	77.461M
6625MHz	Pass	Inf	81.18M	77.361M
6705MHz	Pass	Inf	106.7M	77.361M
6785MHz	Pass	Inf	116.38M	77.561M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	270.6M	157.321M
6185MHz	Pass	Inf	185.68M	156.722M
6345MHz	Pass	Inf	202.84M	156.722M
6665MHz	Pass	Inf	164.56M	156.522M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	320M	497.2M	316.242M
6265MHz	Pass	320M	528.88M	316.242M

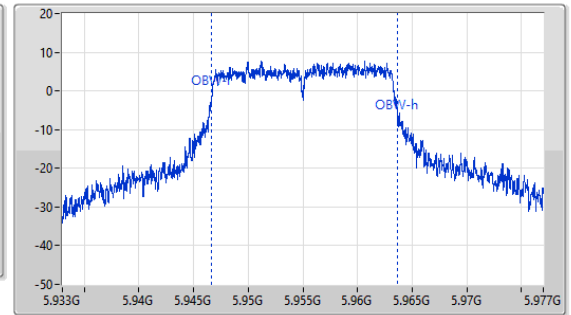
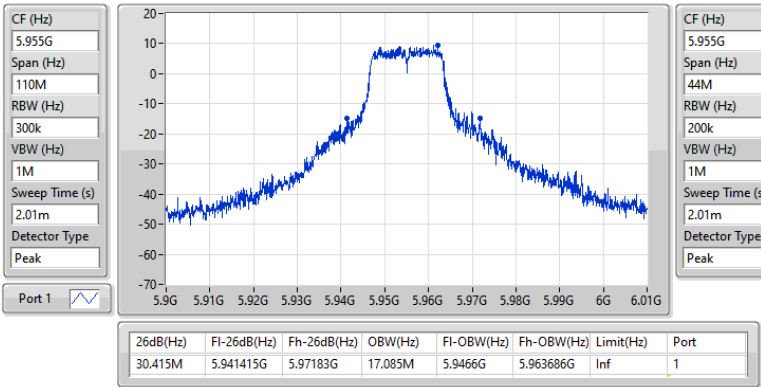
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5955MHz

12/07/2025

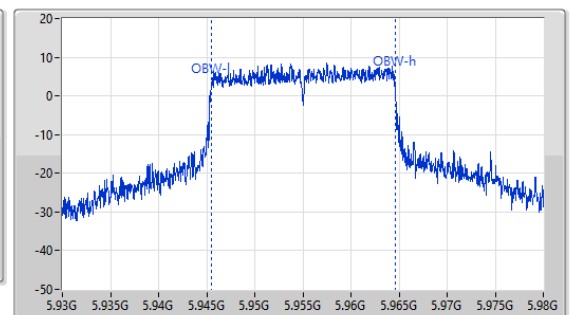
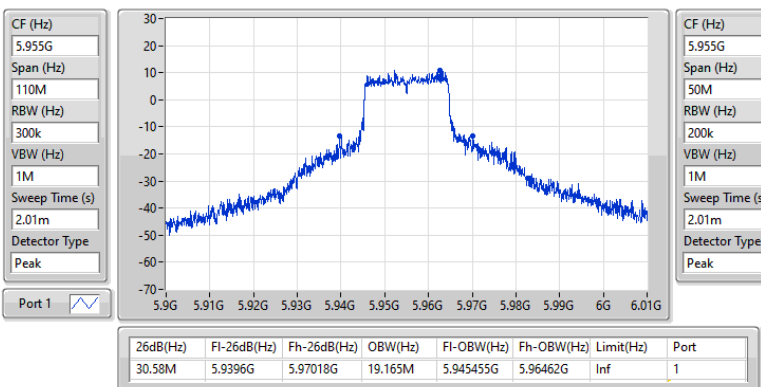


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

12/07/2025

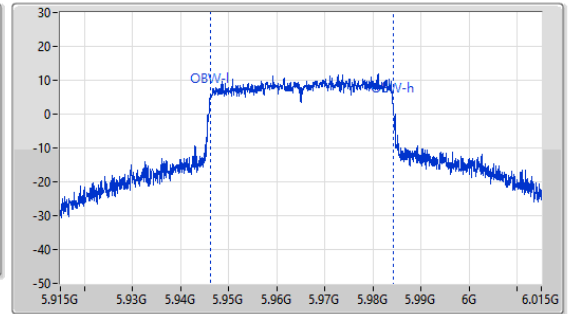
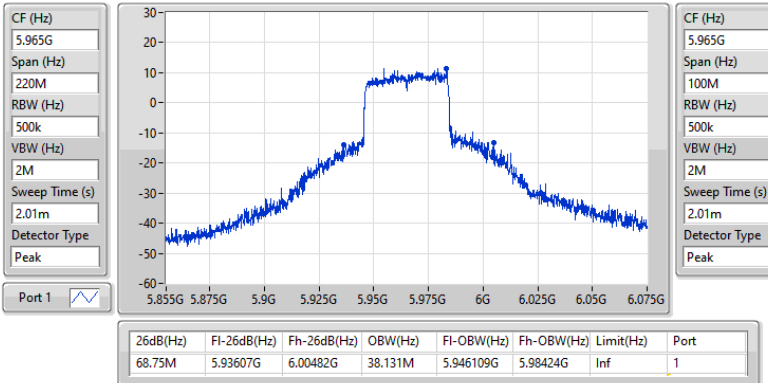


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5965MHz

12/07/2025

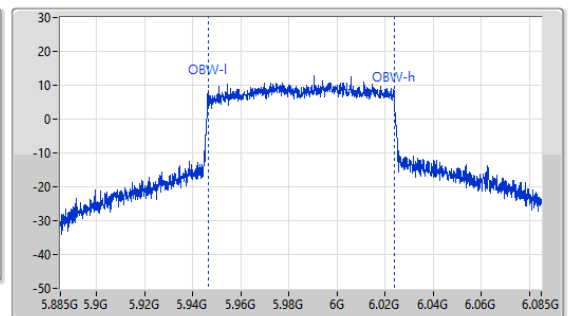
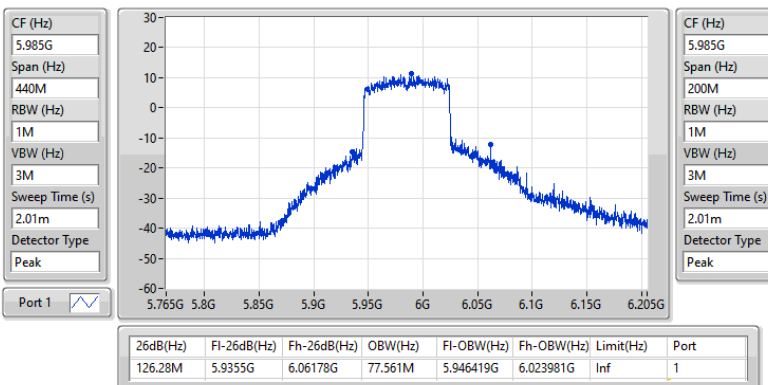


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5985MHz

12/07/2025

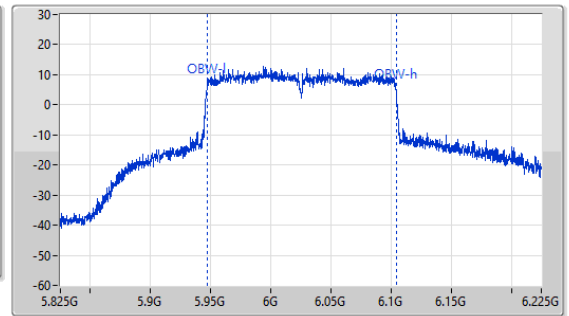
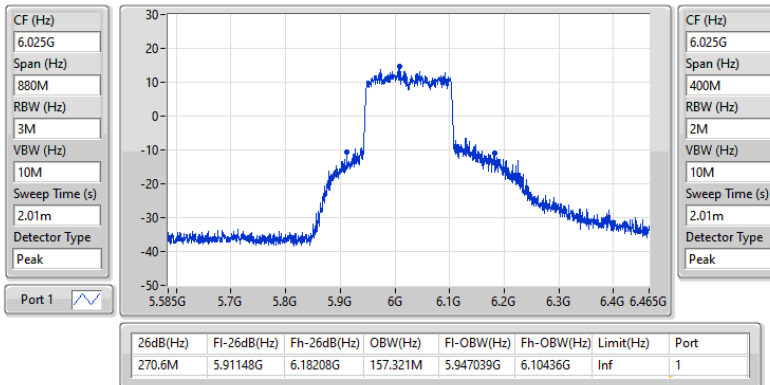


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6025MHz

12/07/2025

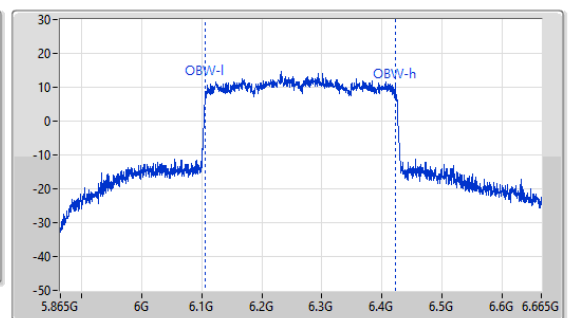
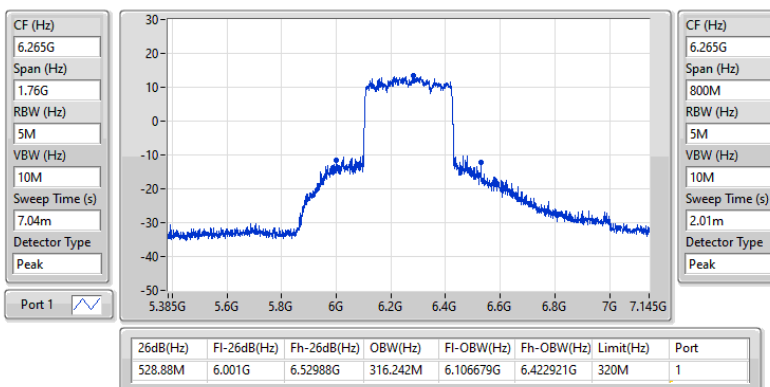


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6265MHz

12/07/2025

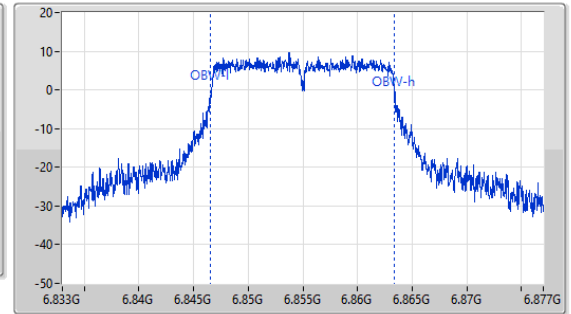
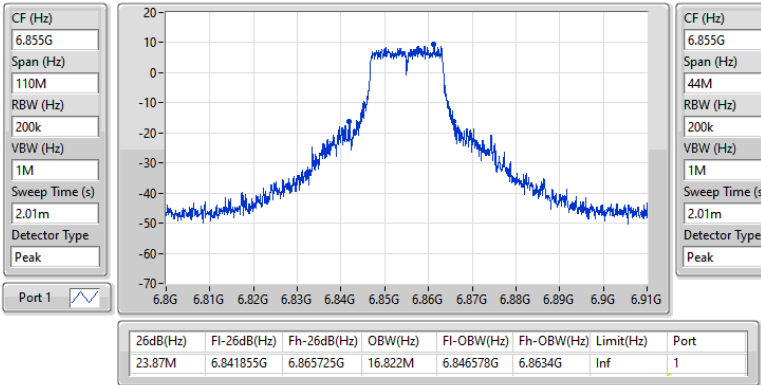


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6855MHz

12/07/2025

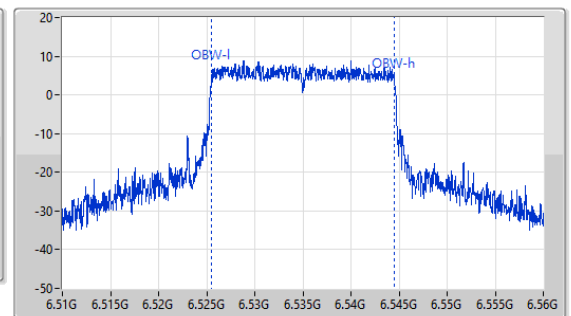
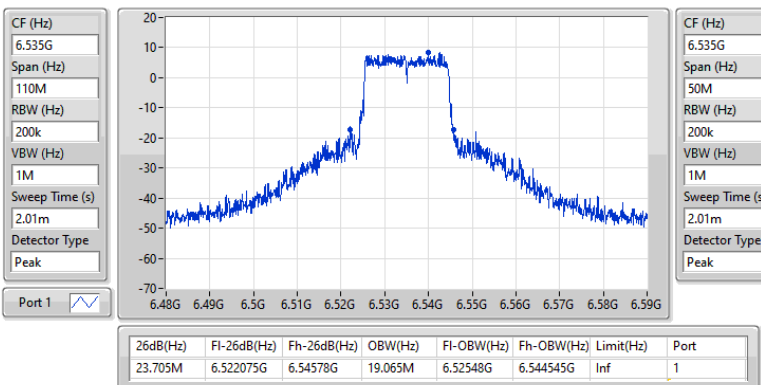


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6535MHz

12/07/2025

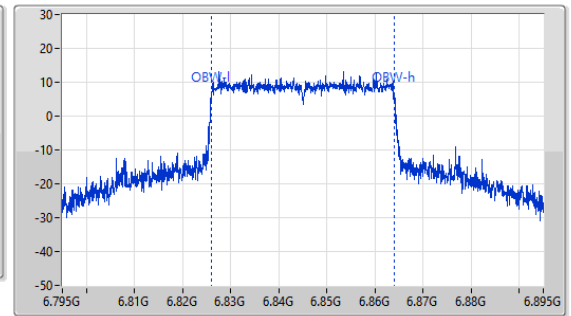
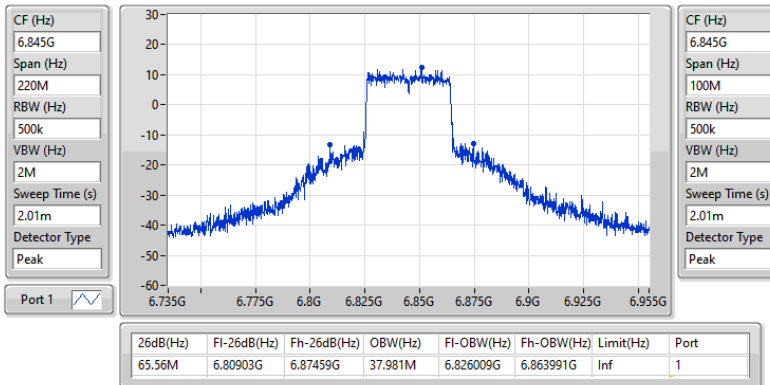


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6845MHz

12/07/2025

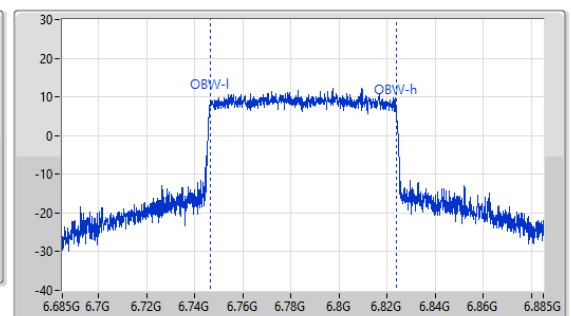
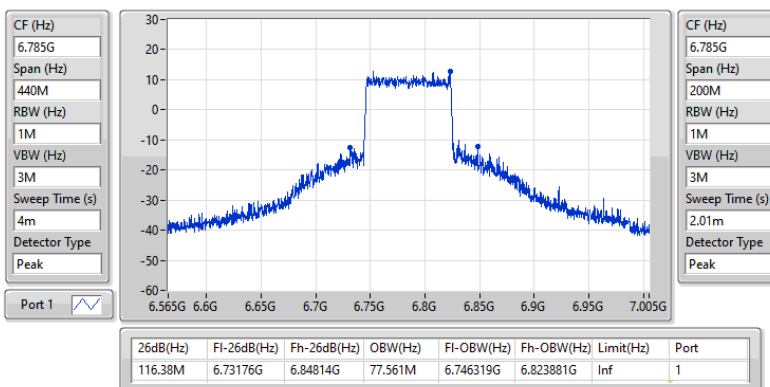


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6785MHz

12/07/2025





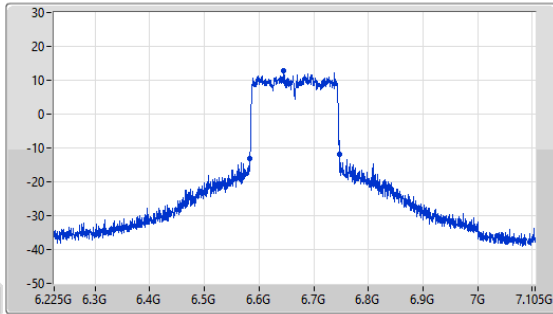
6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

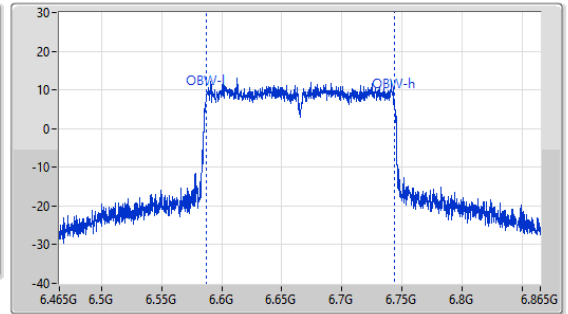
6665MHz

12/07/2025

CF (Hz)
6.665G
Span (Hz)
880M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4m
Detector Type
Peak



CF (Hz)
6.665G
Span (Hz)
400M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
2.01m
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.56M	6.58272G	6.74728G	156.522M	6.586839G	6.743361G	Inf	1

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.54M	16.8M	16M8D1D	20.9M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	36.465M	19.165M	19M2D1D	20.955M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	55.33M	37.931M	37M9D1D	40.48M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	113.08M	77.561M	77M6D1D	81.18M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	209M	157.121M	157MD1D	162.36M	155.722M
802.11be EHT320_Nss1,(MCS0)_2TX	386.32M	315.842M	316MD1D	324.72M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	16.866M	16M9D1D	20.68M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	27.005M	19.14M	19M1D1D	21.175M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	66.88M	37.981M	38M0D1D	40.15M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	104.06M	77.561M	77M6D1D	80.52M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	165.88M	156.522M	157MD1D	164.56M	156.522M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	23.54M	16.8M	21.45M	16.778M
6195MHz	Pass	Inf	22.055M	16.712M	21.395M	16.69M
6415MHz	Pass	Inf	21.12M	16.712M	20.9M	16.646M
6535MHz	Pass	Inf	22.055M	16.822M	20.9M	16.69M
6695MHz	Pass	Inf	21.23M	16.8M	20.68M	16.668M
6855MHz	Pass	Inf	21.505M	16.756M	22.605M	16.866M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	36.465M	19.165M	26.125M	19.04M
6195MHz	Pass	Inf	21.615M	19.065M	20.955M	19.04M
6415MHz	Pass	Inf	22.11M	19.015M	21.12M	19.04M
6535MHz	Pass	Inf	21.56M	19.065M	21.505M	19.04M
6695MHz	Pass	Inf	21.23M	19.065M	21.175M	19.04M
6855MHz	Pass	Inf	27.005M	19.14M	25.025M	19.115M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	55.33M	37.781M	40.59M	37.781M
6205MHz	Pass	Inf	47.08M	37.781M	40.48M	37.731M
6405MHz	Pass	Inf	44.11M	37.931M	40.92M	37.731M
6565MHz	Pass	Inf	42.57M	37.881M	40.59M	37.831M
6685MHz	Pass	Inf	43.67M	37.831M	40.15M	37.731M
6845MHz	Pass	Inf	52.47M	37.981M	66.88M	37.831M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	93.94M	77.161M	81.18M	76.962M
6225MHz	Pass	Inf	113.08M	77.561M	86.68M	77.261M
6385MHz	Pass	Inf	85.36M	77.361M	81.4M	77.261M
6625MHz	Pass	Inf	81.18M	77.261M	80.52M	77.261M
6705MHz	Pass	Inf	104.06M	77.261M	81.4M	77.261M
6785MHz	Pass	Inf	93.5M	77.561M	80.52M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	185.68M	156.322M	162.36M	155.722M
6185MHz	Pass	Inf	209M	156.922M	163.24M	156.322M
6345MHz	Pass	Inf	205.48M	157.121M	163.68M	156.322M
6665MHz	Pass	Inf	165.88M	156.522M	164.56M	156.522M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	386.32M	315.442M	324.72M	315.842M
6265MHz	Pass	320M	355.52M	315.442M	324.72M	315.842M

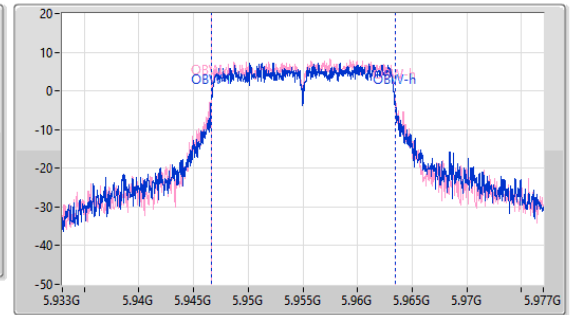
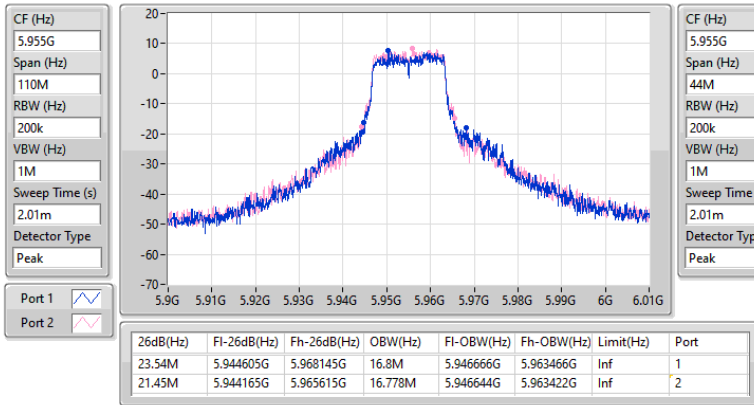
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5955MHz

12/07/2025

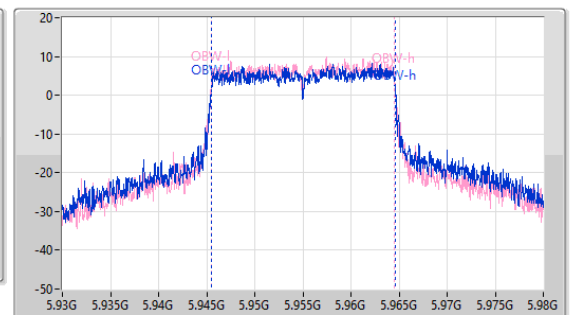
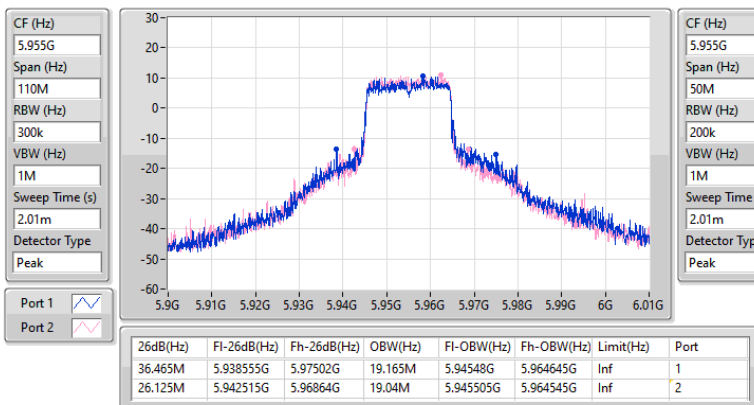


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

12/07/2025

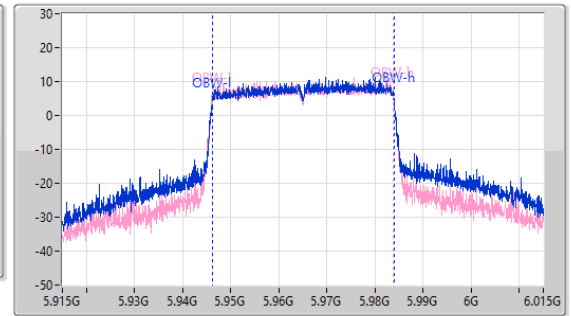
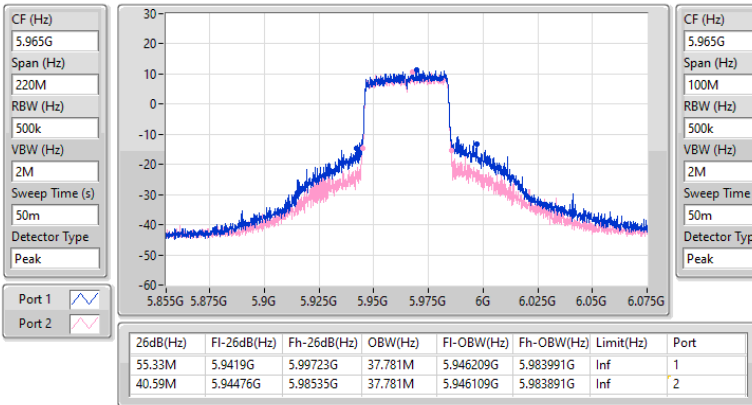


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

21/07/2025

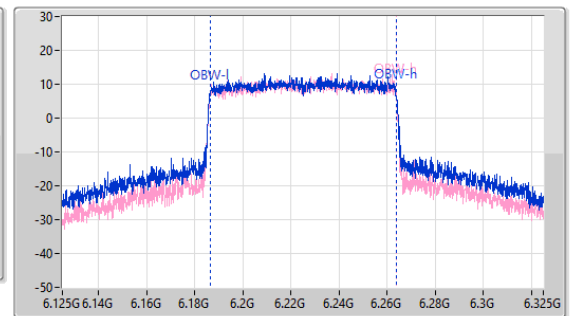
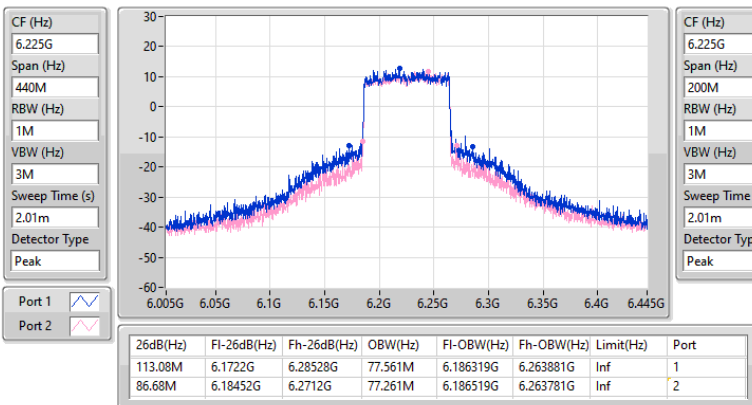


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

12/07/2025

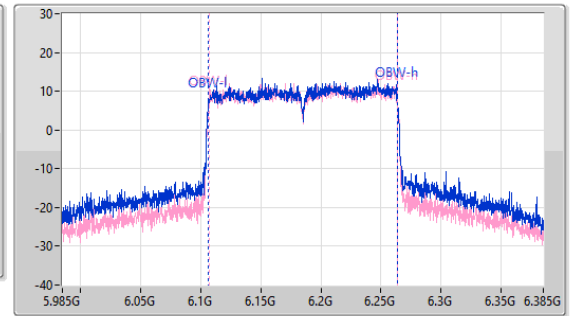
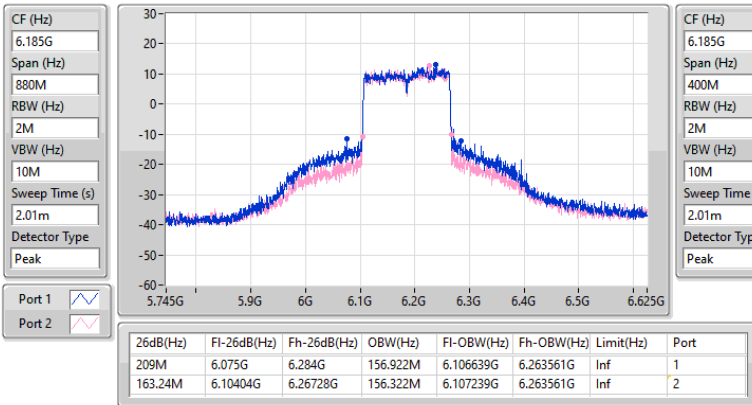


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6185MHz

12/07/2025

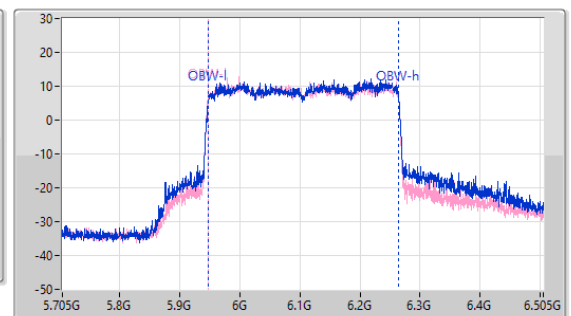
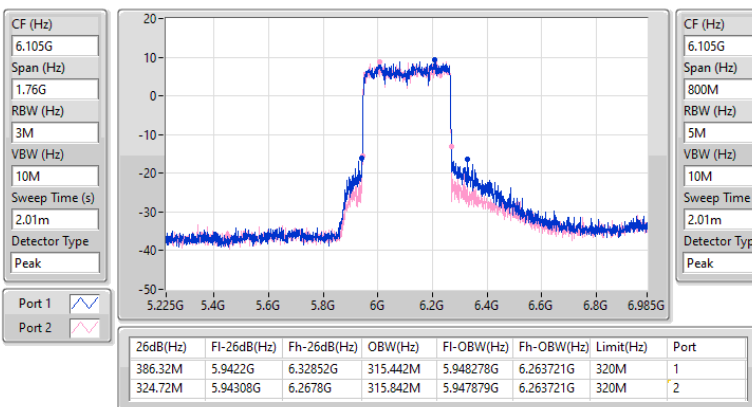


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

21/07/2025

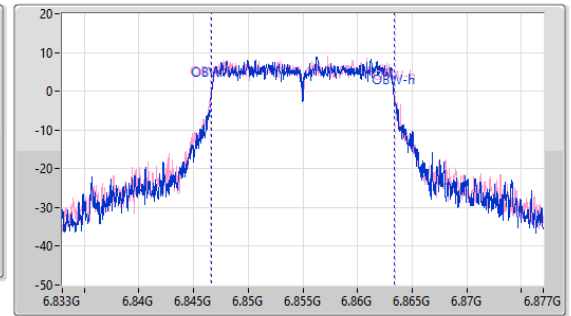
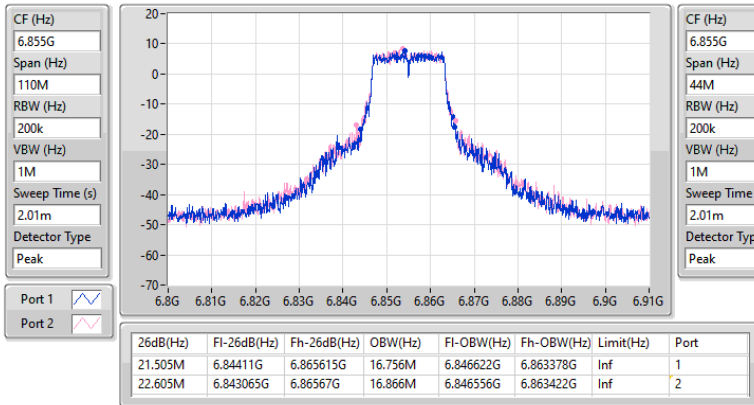


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6855MHz

12/07/2025

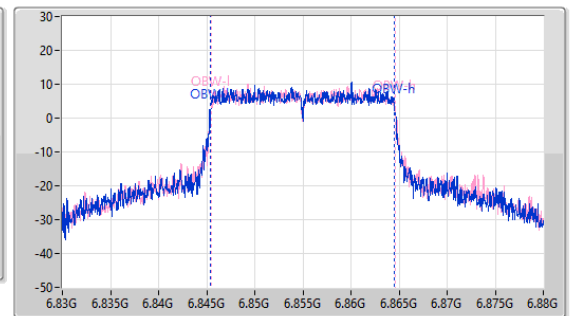
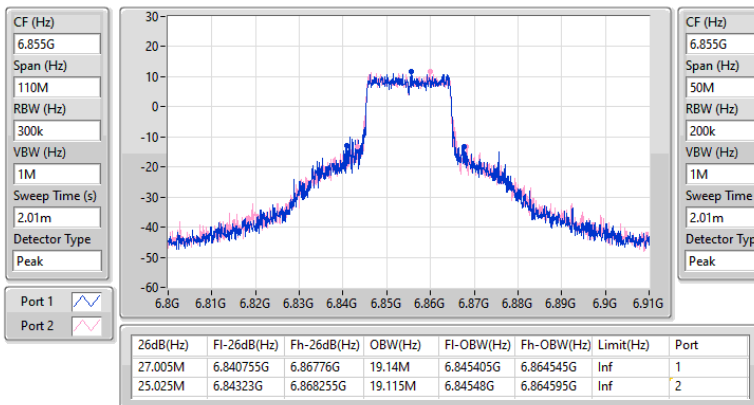


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6855MHz

12/07/2025

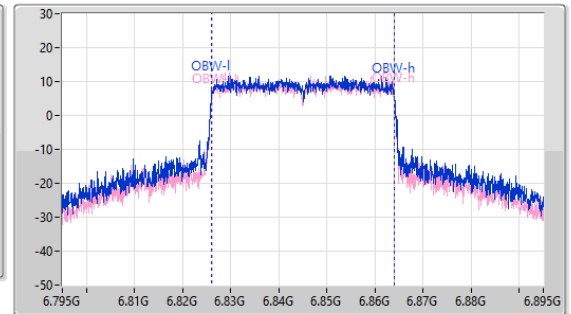
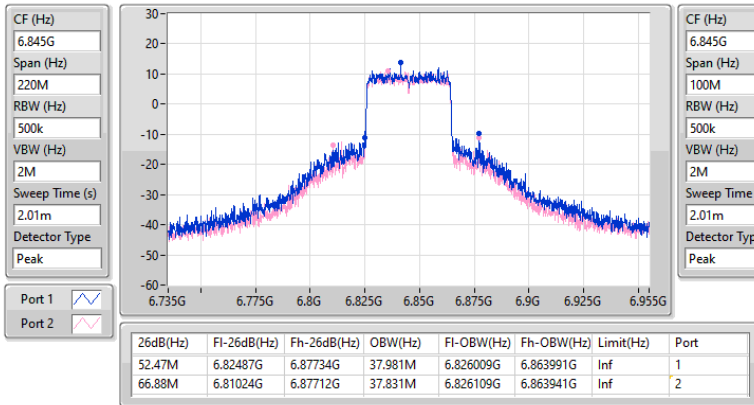


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6845MHz

12/07/2025

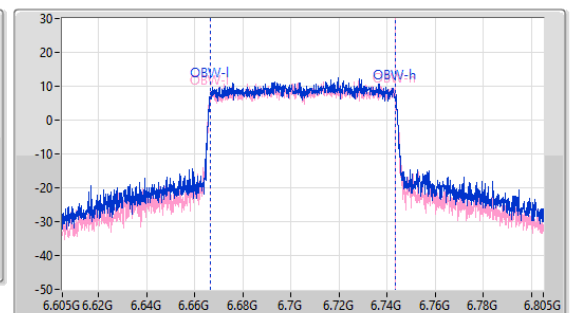
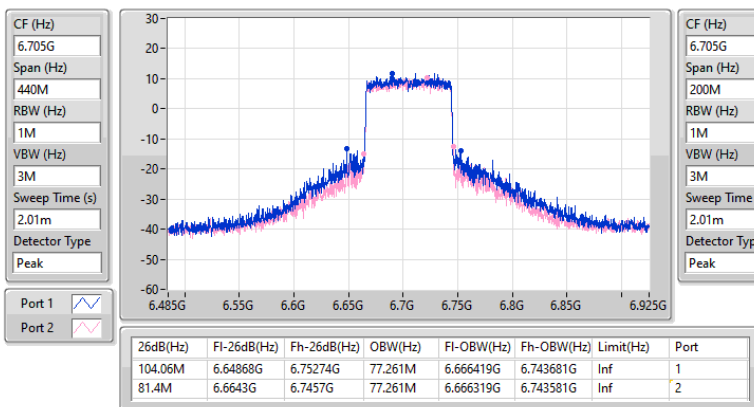


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

12/07/2025

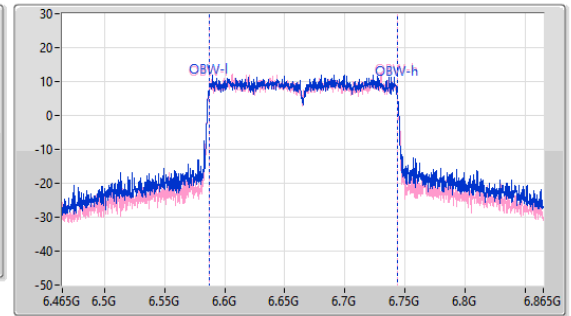
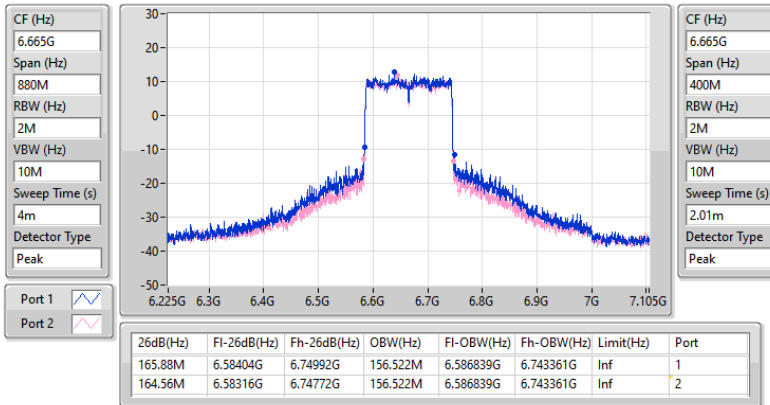


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

12/07/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	29.865M	19.24M	19M2D1D	21.285M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	63.03M	37.931M	37M9D1D	40.04M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	123.64M	77.461M	77M5D1D	80.3M	76.962M
802.11be EHT160_Nss2,(MCS0)_2TX	218.68M	157.121M	157MD1D	164.12M	156.122M
802.11be EHT320_Nss2,(MCS0)_2TX	491.04M	317.041M	317MD1D	409.2M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.225M	19.115M	19M1D1D	21.065M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	68.2M	38.031M	38M0D1D	40.15M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	126.5M	77.361M	77M4D1D	80.74M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	186.56M	156.522M	157MD1D	168.96M	156.322M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	29.865M	19.24M	28.49M	19.065M
6195MHz	Pass	Inf	21.45M	19.09M	21.34M	18.991M
6415MHz	Pass	Inf	22.055M	19.09M	21.285M	19.04M
6535MHz	Pass	Inf	22.44M	19.065M	21.285M	19.015M
6695MHz	Pass	Inf	21.065M	19.04M	21.175M	19.04M
6855MHz	Pass	Inf	27.225M	19.115M	27.06M	19.115M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	58.41M	37.931M	40.15M	37.681M
6205MHz	Pass	Inf	63.03M	37.831M	40.04M	37.781M
6405MHz	Pass	Inf	40.37M	37.781M	40.48M	37.731M
6565MHz	Pass	Inf	59.73M	37.881M	40.15M	37.731M
6685MHz	Pass	Inf	43.67M	37.881M	43.67M	37.781M
6845MHz	Pass	Inf	68.2M	38.031M	51.7M	37.881M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	96.36M	77.161M	85.14M	76.962M
6225MHz	Pass	Inf	123.64M	77.461M	80.3M	77.261M
6385MHz	Pass	Inf	94.82M	77.361M	84.48M	77.261M
6625MHz	Pass	Inf	83.82M	77.361M	80.74M	77.361M
6705MHz	Pass	Inf	100.76M	77.361M	126.5M	77.161M
6785MHz	Pass	Inf	114.84M	77.361M	91.08M	77.361M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	179.96M	156.122M	164.12M	156.122M
6185MHz	Pass	Inf	218.68M	157.121M	176.88M	156.522M
6345MHz	Pass	Inf	172.04M	156.922M	172.92M	156.522M
6665MHz	Pass	Inf	186.56M	156.522M	168.96M	156.322M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	447.04M	317.041M	409.2M	315.842M
6265MHz	Pass	320M	491.04M	315.442M	420.64M	315.042M

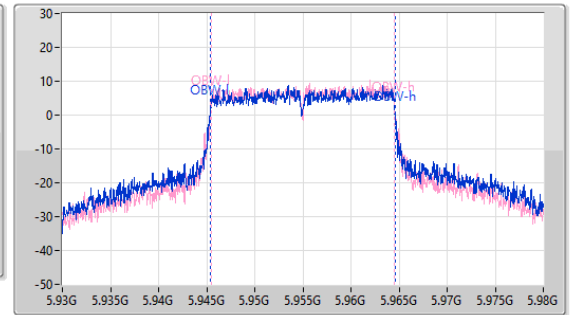
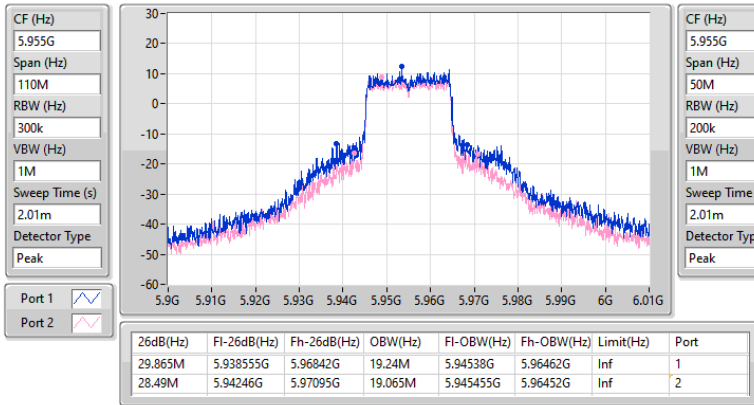
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

12/07/2025

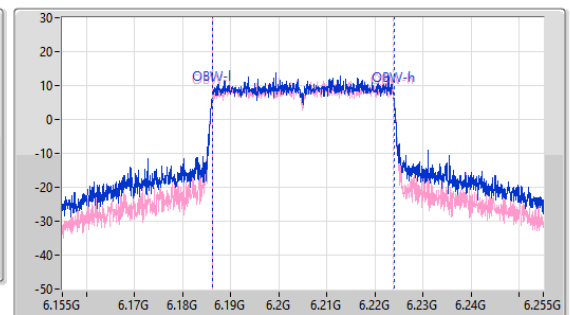
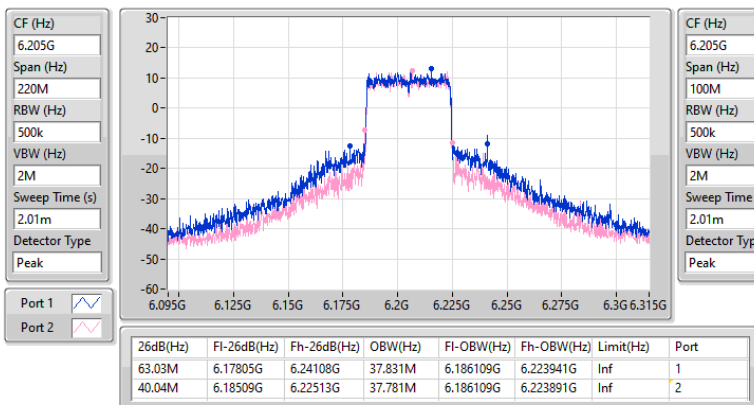


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6205MHz

12/07/2025

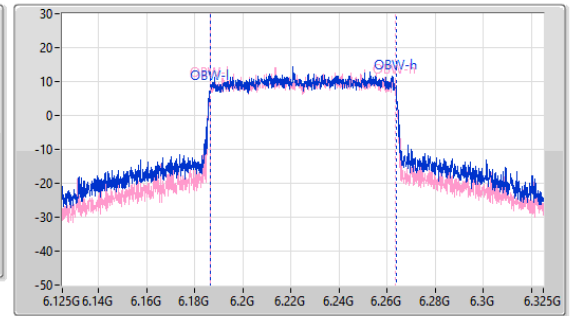
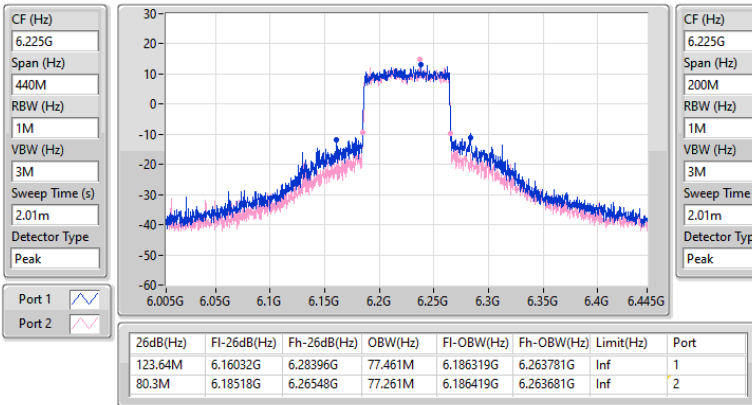


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6225MHz

12/07/2025

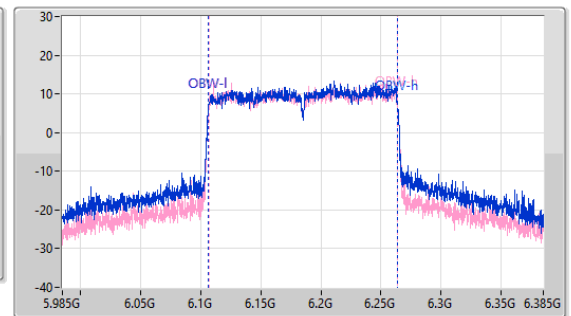
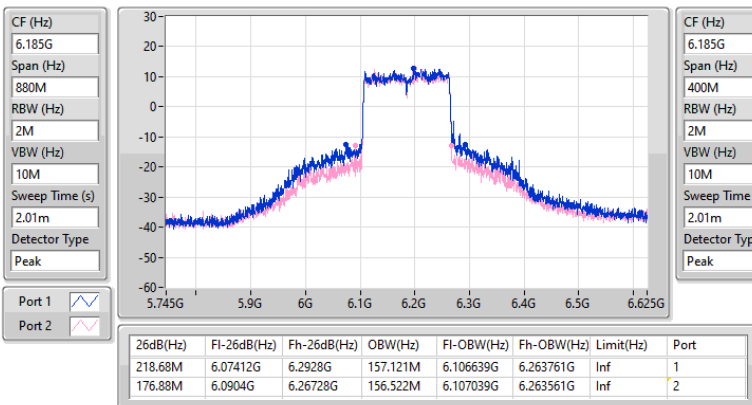


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6185MHz

12/07/2025

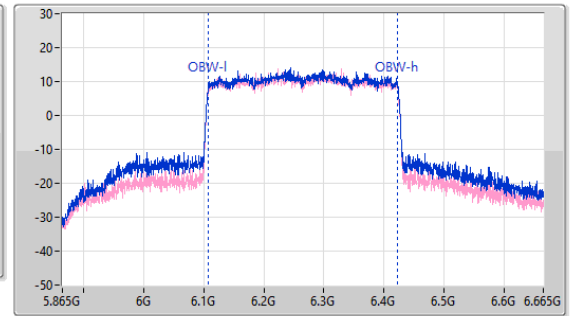
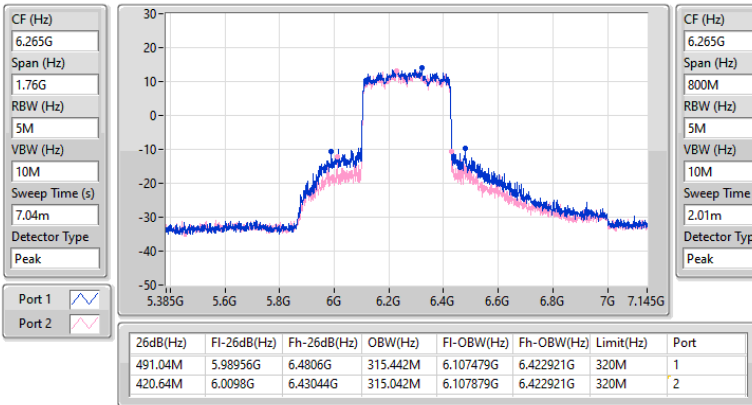


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6265MHz

12/07/2025

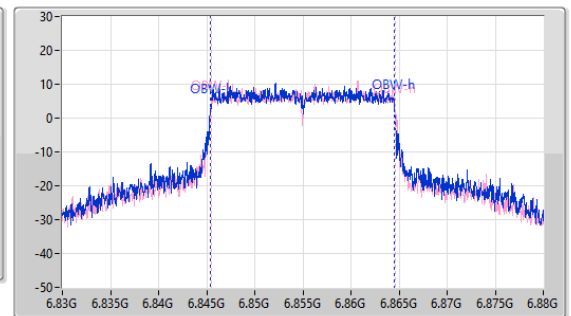
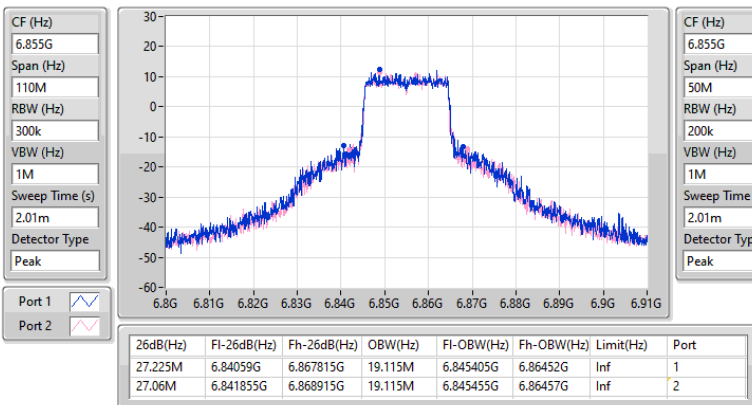


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6855MHz

12/07/2025

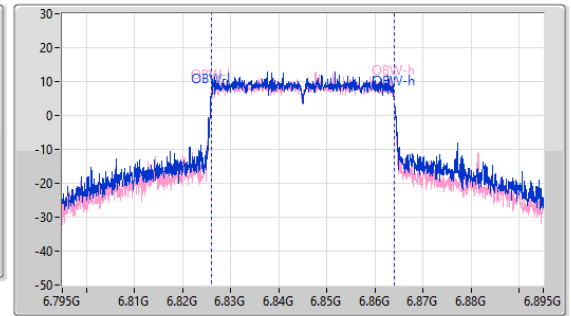
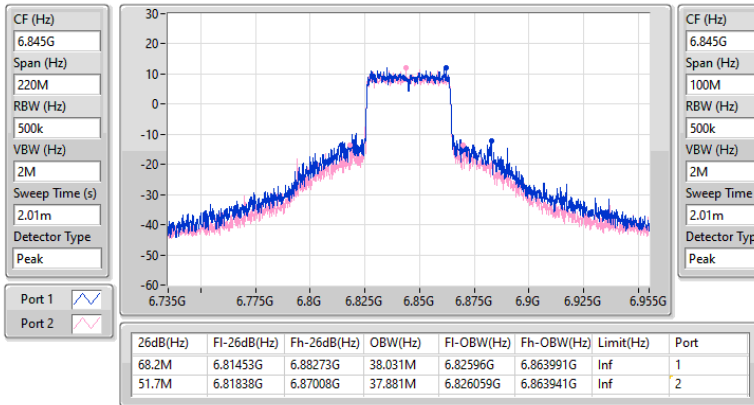


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6845MHz

12/07/2025

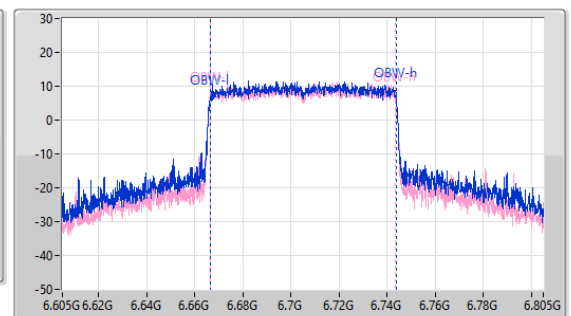
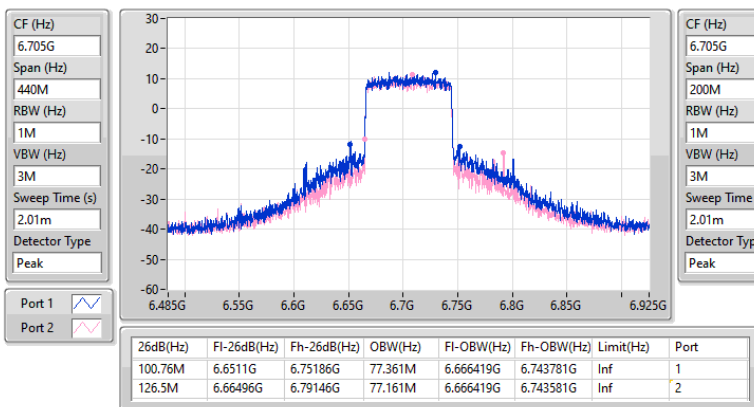


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6705MHz

12/07/2025

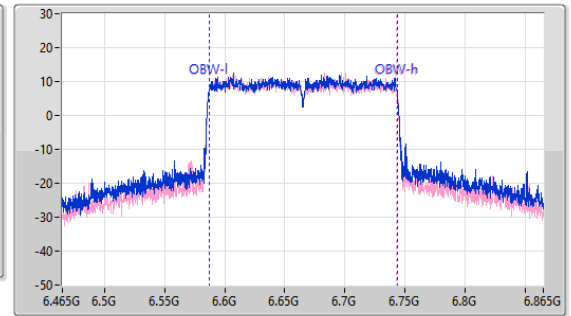
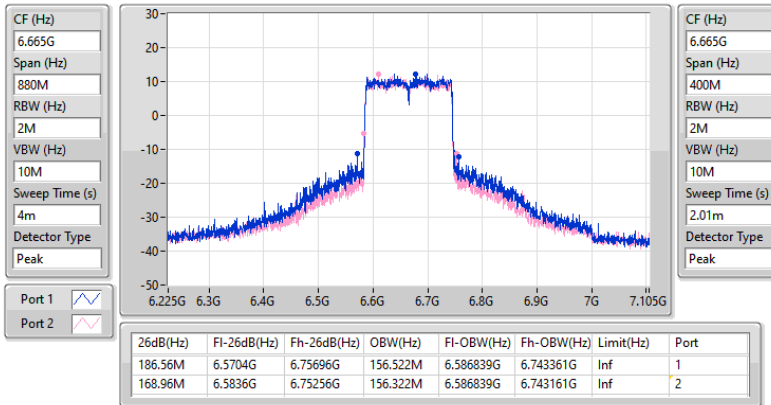


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

12/07/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	21.175M	16.842M	16M8D1D	20.46M	16.617M
a40_Nss1,(6Mbps)_1TX	73.26M	37.131M	37M1D1D	50.6M	36.632M
a80_Nss1,(6Mbps)_1TX	107.58M	76.262M	76M3D1D	81.18M	75.962M
a160_Nss1,(6Mbps)_1TX	316.8M	157.521M	158MD1D	291.72M	155.122M
6.525-6.875GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	21.945M	16.992M	17M0D1D	21.395M	16.642M
a40_Nss1,(6Mbps)_1TX	76.23M	45.577M	45M6D1D	73.81M	37.181M
a80_Nss1,(6Mbps)_1TX	146.52M	76.662M	76M7D1D	110.22M	76.262M
a160_Nss1,(6Mbps)_1TX	314.6M	157.921M	158MD1D	314.6M	157.921M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
a20_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.46M	16.617M
6195MHz	Pass	Inf	21.175M	16.842M
6415MHz	Pass	Inf	20.515M	16.792M
6535MHz	Pass	Inf	21.395M	16.642M
6695MHz	Pass	Inf	21.67M	16.667M
6855MHz	Pass	Inf	21.945M	16.992M
a40_Nss1,(6Mbps)_1TX	-	-	-	-
5965MHz	Pass	Inf	50.6M	36.632M
6205MHz	Pass	Inf	72.27M	36.682M
6405MHz	Pass	Inf	73.26M	37.131M
6565MHz	Pass	Inf	75.35M	37.831M
6685MHz	Pass	Inf	73.81M	37.181M
6845MHz	Pass	Inf	76.23M	45.577M
a80_Nss1,(6Mbps)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.18M	75.962M
6225MHz	Pass	Inf	107.58M	76.162M
6385MHz	Pass	Inf	106.92M	76.262M
6625MHz	Pass	Inf	126.06M	76.262M
6705MHz	Pass	Inf	110.22M	76.362M
6785MHz	Pass	Inf	146.52M	76.662M
a160_Nss1,(6Mbps)_1TX	-	-	-	-
6025MHz	Pass	Inf	291.72M	155.122M
6185MHz	Pass	Inf	301.4M	156.522M
6345MHz	Pass	Inf	316.8M	157.521M
6665MHz	Pass	Inf	314.6M	157.921M

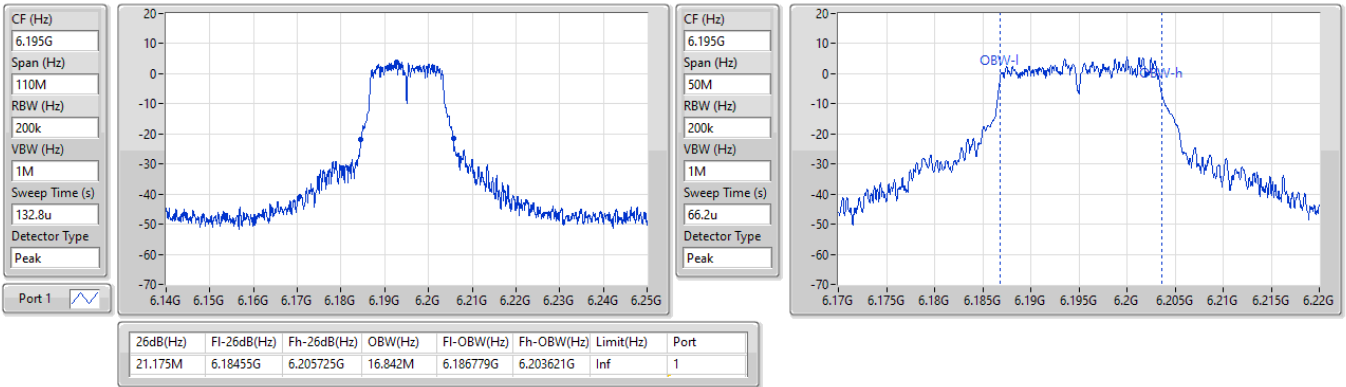
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_a20_Nss1,(6Mbps)_1TX

EBW

6195MHz

05/05/2025

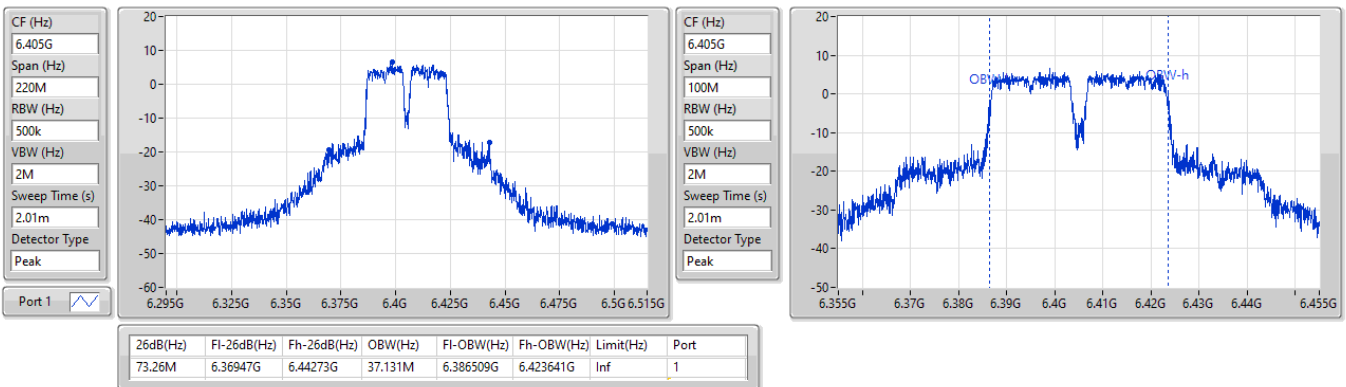


5.925-6.425GHz_a40_Nss1,(6Mbps)_1TX

EBW

6405MHz

05/05/2025

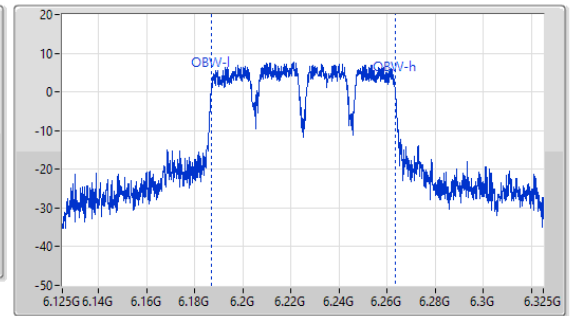
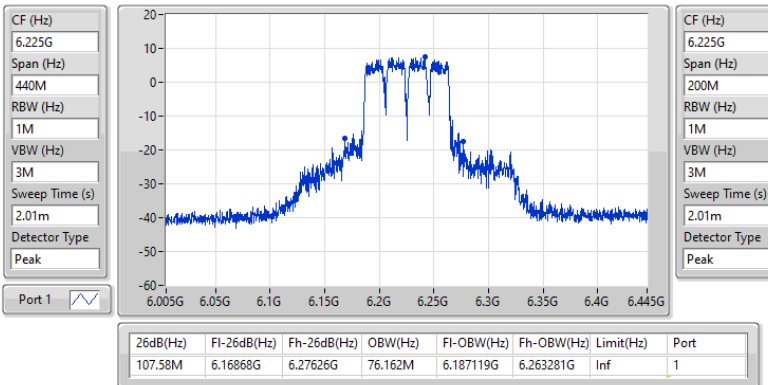


5.925-6.425GHz_a80_Nss1,(6Mbps)_1TX

EBW

6225MHz

05/05/2025

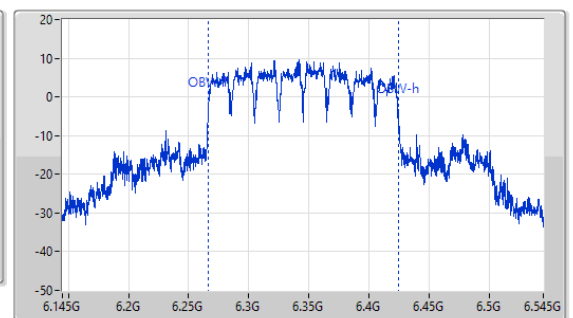
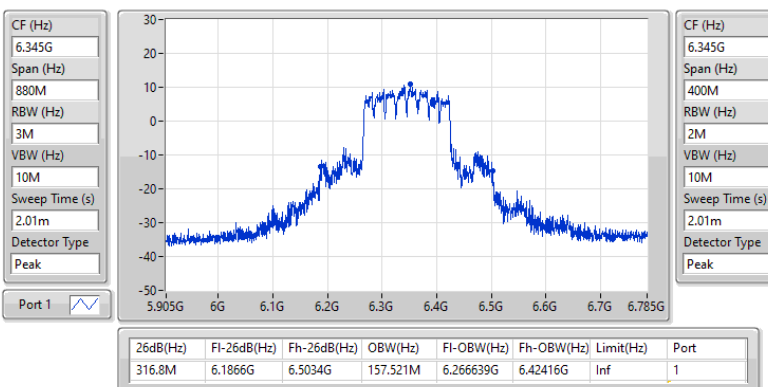


5.925-6.425GHz_a160_Nss1,(6Mbps)_1TX

EBW

6345MHz

05/05/2025

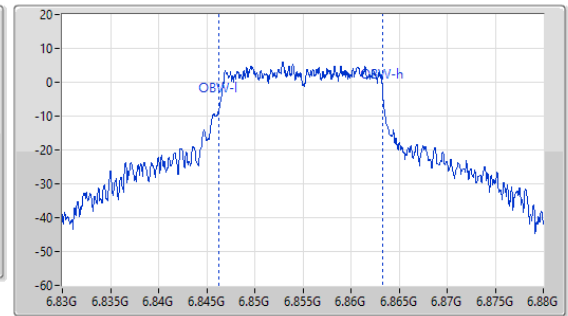
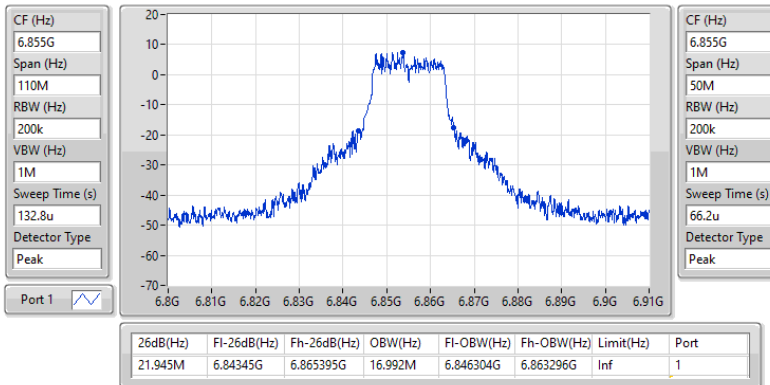


6.525-6.875GHz_a20_Nss1,(6Mbps)_1TX

EBW

6855MHz

05/05/2025

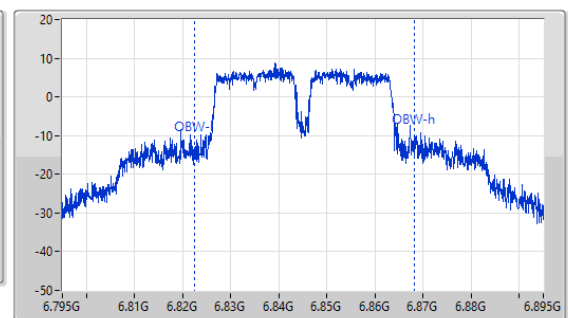
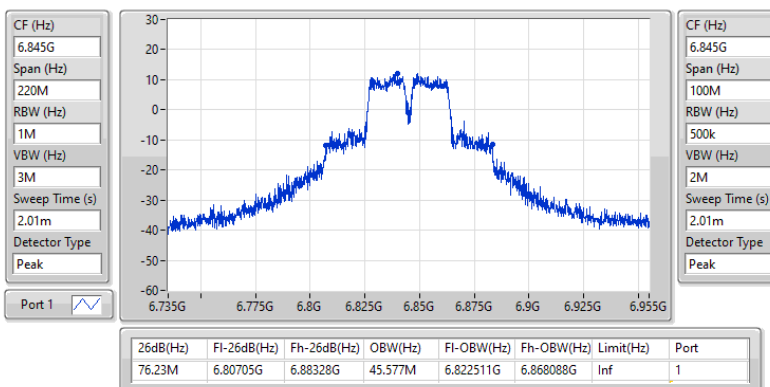


6.525-6.875GHz_a40_Nss1,(6Mbps)_1TX

EBW

6845MHz

05/05/2025

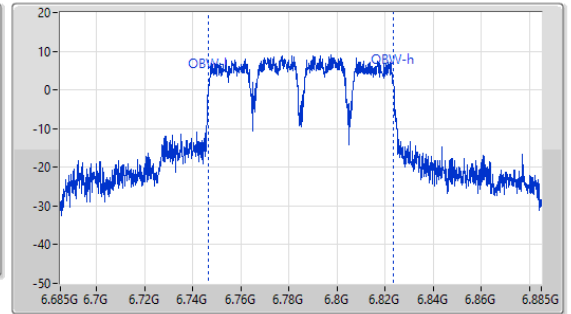
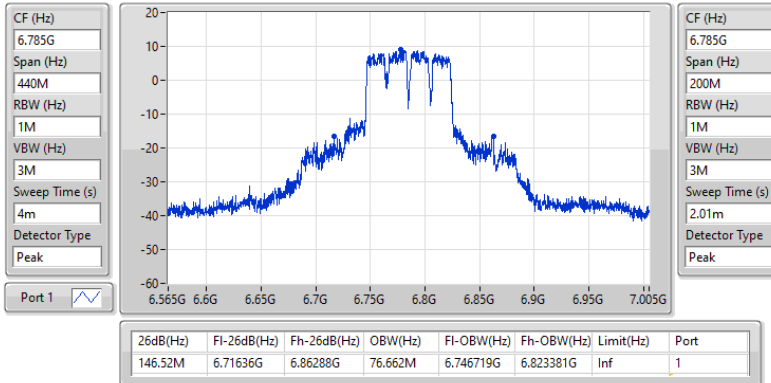


6.525-6.875GHz_a80_Nss1,(6Mbps)_1TX

EBW

6785MHz

05/05/2025

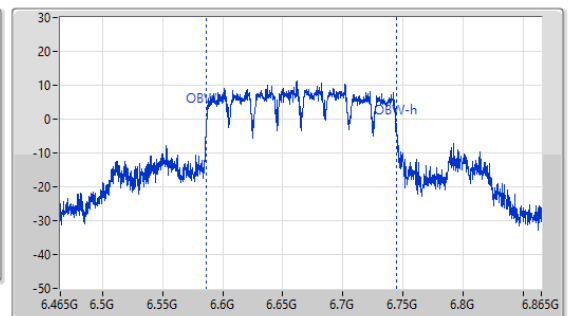
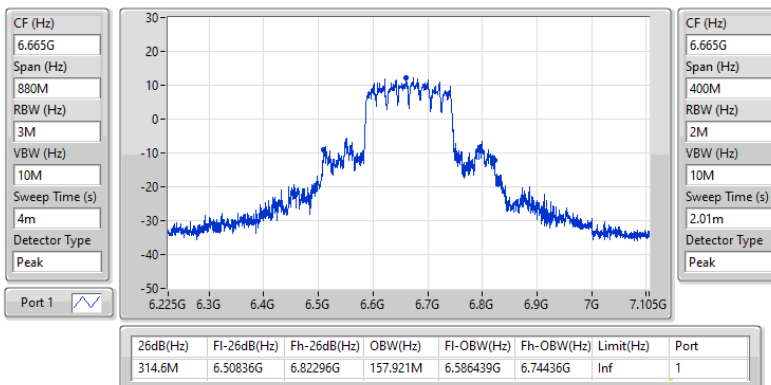


6.525-6.875GHz_a160_Nss1,(6Mbps)_1TX

EBW

6665MHz

05/05/2025





**EBW_Non-Beamforming_
Radio 3_1T1S_Dipole_Outdoor_Peak Gain**

Appendix B.9

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.285M	16.734M	16M7D1D	20.625M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	21.45M	19.04M	19M0D1D	21.23M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	39.82M	37.681M	37M7D1D	39.27M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.061M	77M1D1D	80.74M	76.962M
802.11be EHT160_Nss1,(MCS0)_1TX	165M	156.522M	157MD1D	161.92M	156.122M
802.11be EHT320_Nss1,(MCS0)_1TX	325.6M	315.842M	316MD1D	324.72M	313.843M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.285M	16.734M	16M7D1D	20.955M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	21.67M	19.04M	19M0D1D	21.34M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	39.93M	37.731M	37M7D1D	39.49M	37.631M
802.11be EHT80_Nss1,(MCS0)_1TX	81.18M	77.361M	77M4D1D	80.52M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	164.56M	156.122M	156MD1D	164.56M	156.122M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_1T1S_Dipole_Outdoor_Peak Gain**

Appendix B.9

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.625M	16.734M
6195MHz	Pass	Inf	21.285M	16.668M
6415MHz	Pass	Inf	20.955M	16.69M
6535MHz	Pass	Inf	21.23M	16.734M
6695MHz	Pass	Inf	21.285M	16.734M
6855MHz	Pass	Inf	20.955M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.45M	19.04M
6195MHz	Pass	Inf	21.285M	19.015M
6415MHz	Pass	Inf	21.23M	19.04M
6535MHz	Pass	Inf	21.67M	19.015M
6695MHz	Pass	Inf	21.34M	19.015M
6855MHz	Pass	Inf	21.34M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	39.6M	37.681M
6205MHz	Pass	Inf	39.82M	37.681M
6405MHz	Pass	Inf	39.27M	37.681M
6565MHz	Pass	Inf	39.49M	37.731M
6685MHz	Pass	Inf	39.93M	37.631M
6845MHz	Pass	Inf	39.82M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	80.74M	76.962M
6225MHz	Pass	Inf	81.18M	77.061M
6385MHz	Pass	Inf	81.62M	77.061M
6625MHz	Pass	Inf	81.18M	77.361M
6705MHz	Pass	Inf	80.52M	77.261M
6785MHz	Pass	Inf	80.96M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	161.92M	156.122M
6185MHz	Pass	Inf	165M	156.522M
6345MHz	Pass	Inf	164.12M	156.322M
6665MHz	Pass	Inf	164.56M	156.122M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.842M
6265MHz	Pass	Inf	324.72M	313.843M

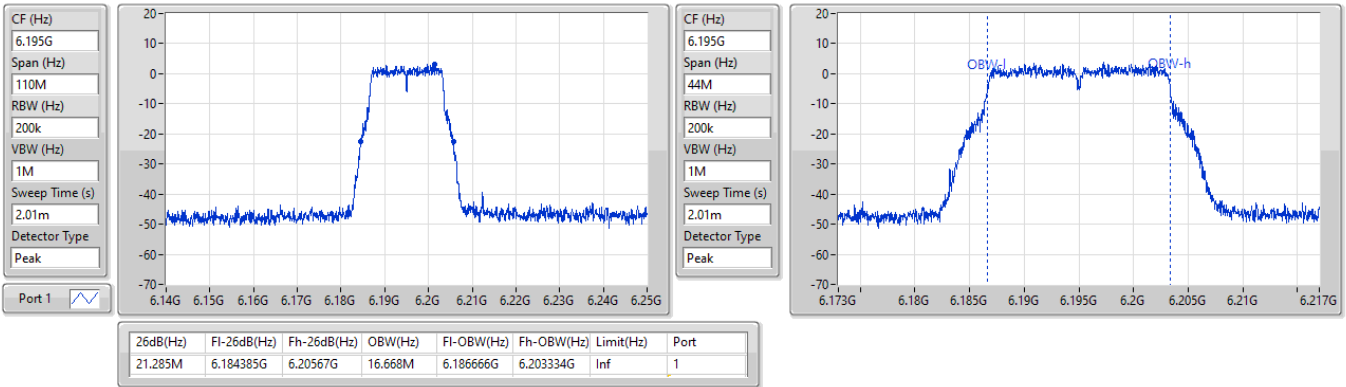
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6195MHz

06/05/2025

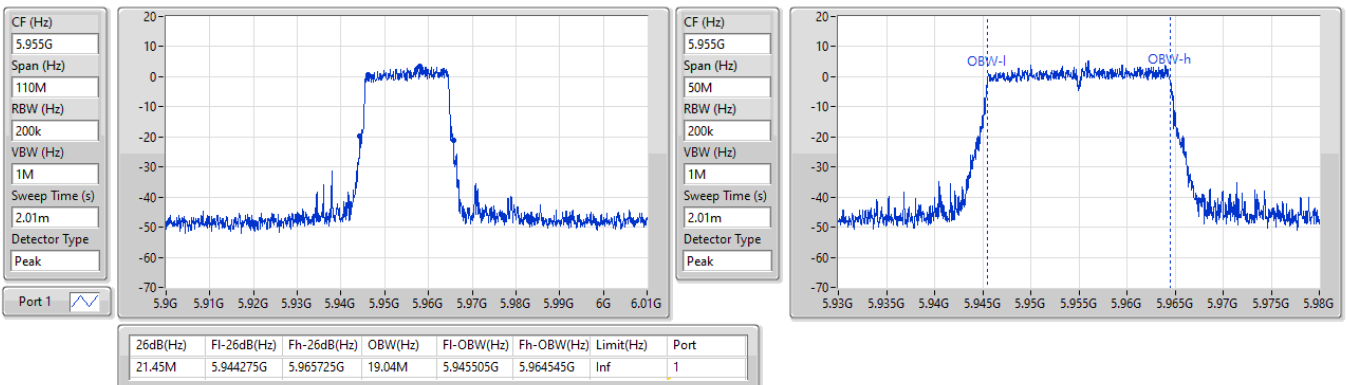


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

06/05/2025

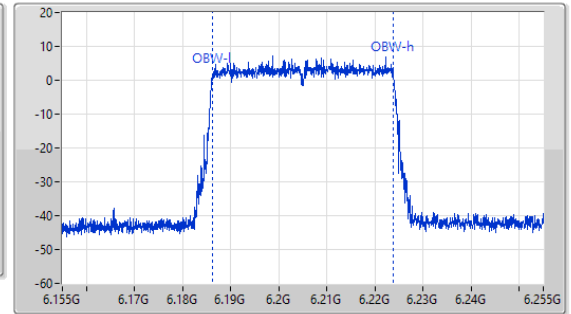
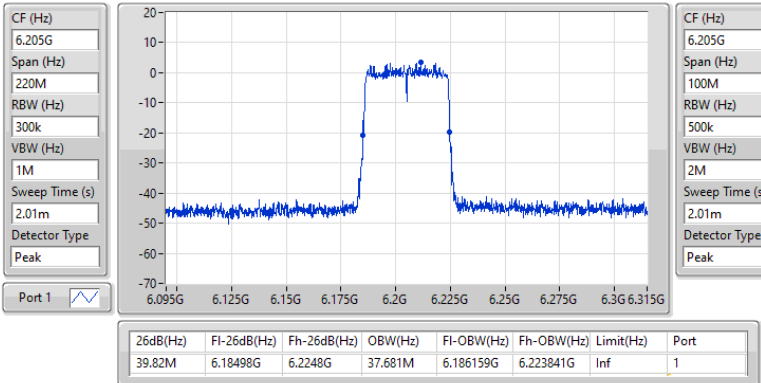


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6205MHz

06/05/2025

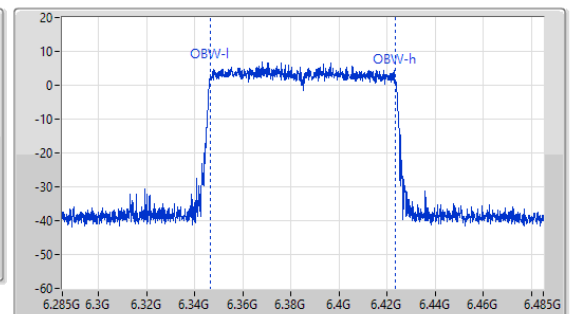
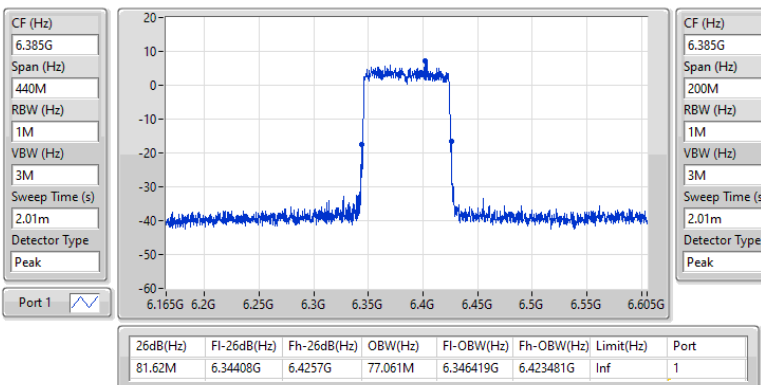


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6385MHz

06/05/2025

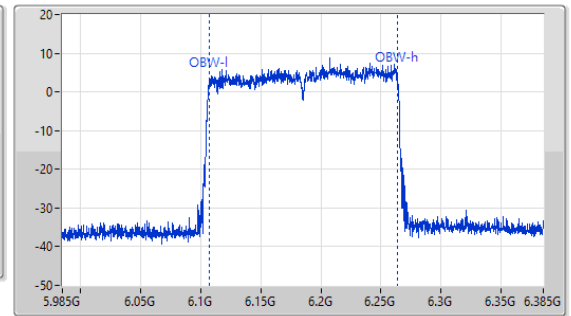
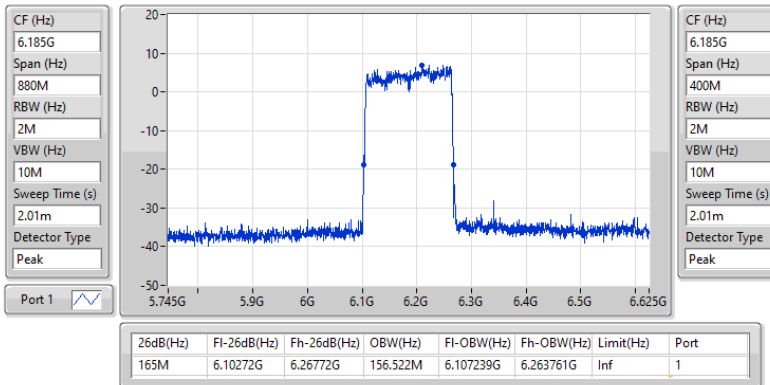


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6185MHz

06/05/2025

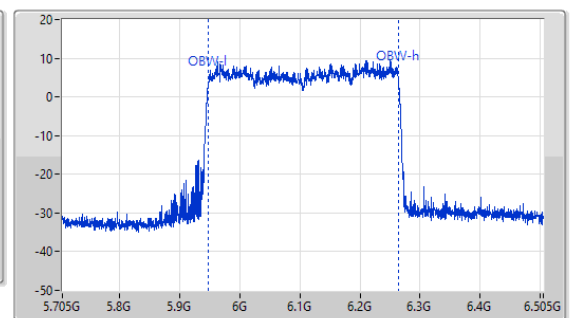
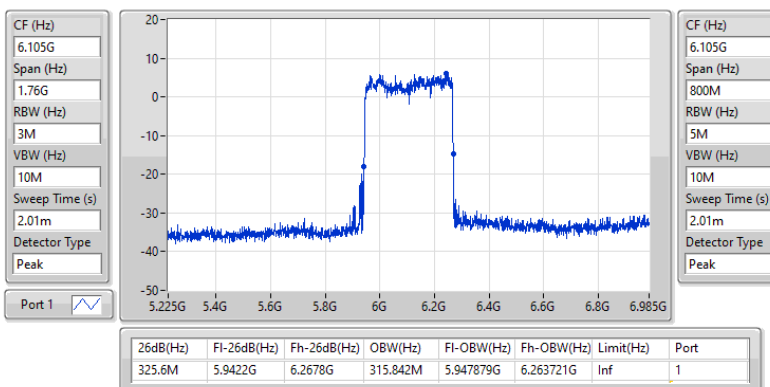


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6105MHz

06/05/2025

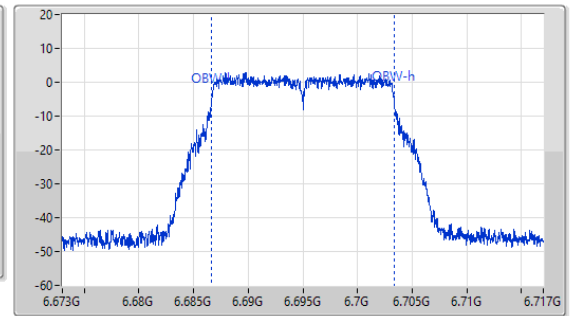
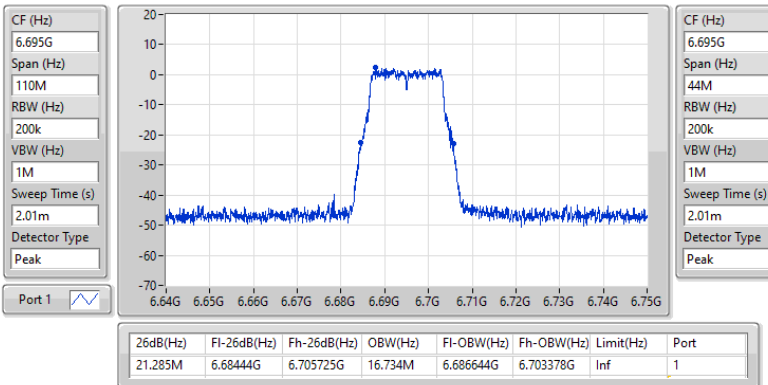


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6695MHz

06/05/2025

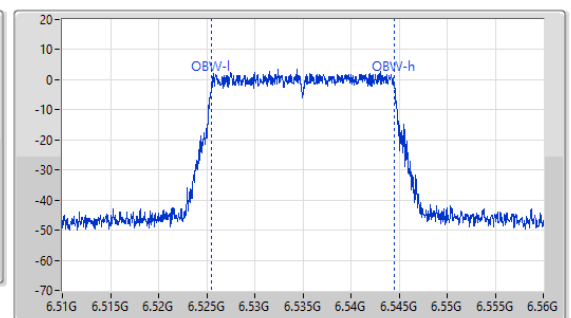
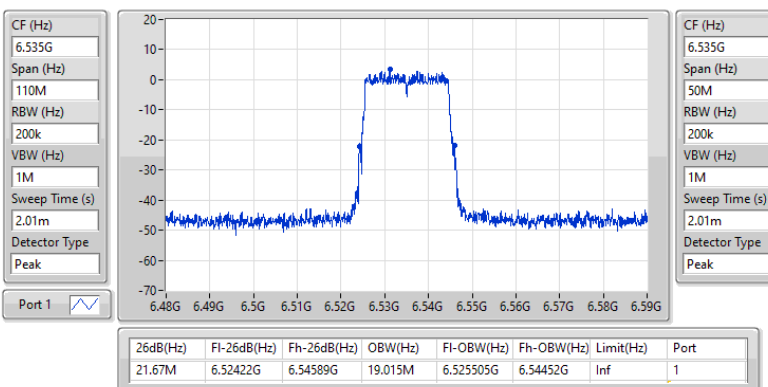


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6535MHz

06/05/2025

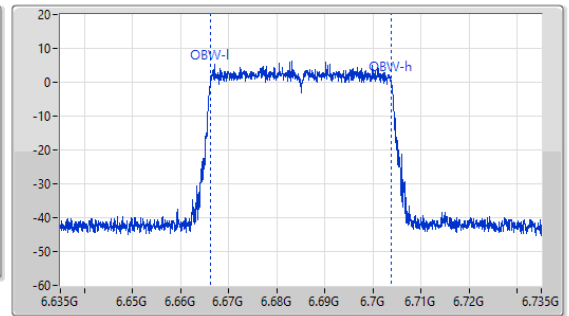
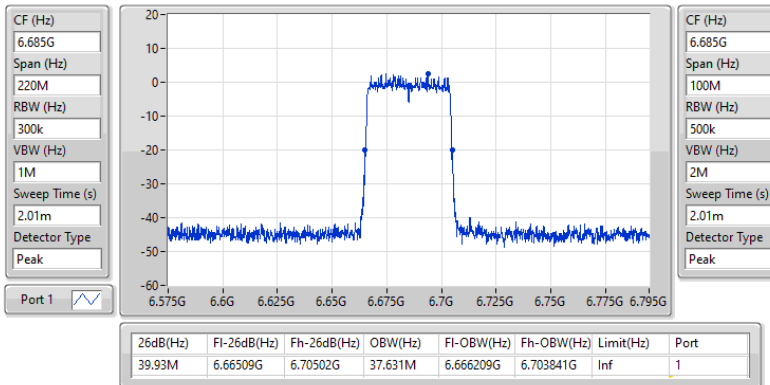


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6685MHz

06/05/2025

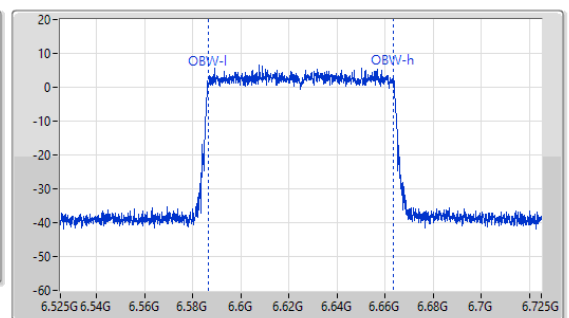
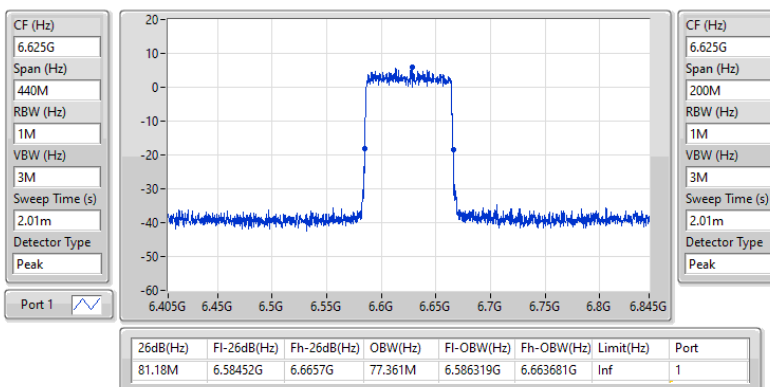


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6625MHz

06/05/2025



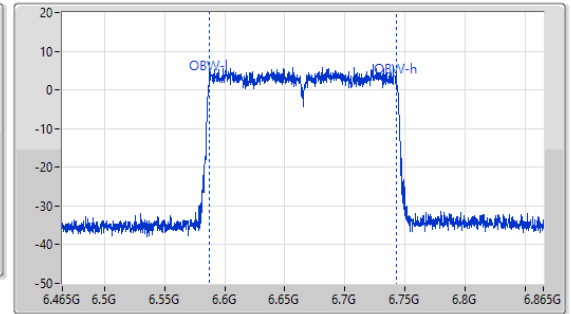
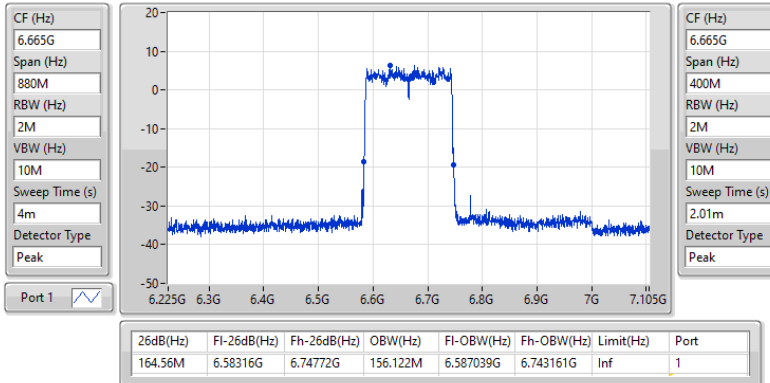


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

06/05/2025





**EBW_Non-Beamforming_
Radio 3_2T1S_Dipole_Outdoor_Peak Gain**

Appendix B.10

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.45M	16.712M	16M7D1D	20.955M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	21.34M	19.09M	19M1D1D	20.9M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	40.15M	37.781M	37M8D1D	39.16M	37.681M
802.11be EHT80_Nss1,(MCS0)_2TX	82.06M	77.361M	77M4D1D	80.3M	76.862M
802.11be EHT160_Nss1,(MCS0)_2TX	164.12M	156.322M	156MD1D	162.36M	155.722M
802.11be EHT320_Nss1,(MCS0)_2TX	325.6M	315.842M	316MD1D	325.6M	313.843M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.23M	16.712M	16M7D1D	21.01M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	21.56M	19.09M	19M1D1D	20.68M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	39.71M	37.781M	37M8D1D	39.38M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	81.18M	77.261M	77M3D1D	80.74M	77.061M
802.11be EHT160_Nss1,(MCS0)_2TX	163.68M	156.322M	156MD1D	163.24M	156.322M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_2T1S_Dipole_Outdoor_Peak Gain**

Appendix B.10

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.12M	16.69M	21.01M	16.668M
6195MHz	Pass	Inf	21.45M	16.712M	20.955M	16.69M
6415MHz	Pass	Inf	21.175M	16.668M	21.01M	16.69M
6535MHz	Pass	Inf	21.23M	16.69M	21.12M	16.668M
6695MHz	Pass	Inf	21.01M	16.712M	21.23M	16.624M
6855MHz	Pass	Inf	21.065M	16.69M	21.12M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.34M	18.966M	20.9M	19.015M
6195MHz	Pass	Inf	20.955M	19.09M	21.175M	18.966M
6415MHz	Pass	Inf	21.12M	18.966M	20.955M	19.015M
6535MHz	Pass	Inf	21.23M	19.015M	20.68M	19.04M
6695MHz	Pass	Inf	21.56M	19.09M	20.955M	18.991M
6855MHz	Pass	Inf	21.285M	19.015M	21.065M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.71M	37.681M	39.16M	37.681M
6205MHz	Pass	Inf	40.15M	37.781M	40.15M	37.731M
6405MHz	Pass	Inf	39.6M	37.731M	39.49M	37.781M
6565MHz	Pass	Inf	39.71M	37.781M	39.71M	37.731M
6685MHz	Pass	Inf	39.38M	37.731M	39.49M	37.731M
6845MHz	Pass	Inf	39.6M	37.731M	39.49M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.18M	76.862M	80.3M	76.862M
6225MHz	Pass	Inf	81.18M	77.061M	80.96M	77.261M
6385MHz	Pass	Inf	82.06M	77.361M	81.4M	77.361M
6625MHz	Pass	Inf	80.74M	77.161M	80.74M	77.061M
6705MHz	Pass	Inf	80.96M	77.161M	80.96M	77.161M
6785MHz	Pass	Inf	81.18M	77.261M	81.18M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	162.36M	156.122M	162.36M	155.722M
6185MHz	Pass	Inf	164.12M	156.322M	162.36M	156.322M
6345MHz	Pass	Inf	164.12M	156.122M	163.68M	156.122M
6665MHz	Pass	Inf	163.68M	156.322M	163.24M	156.322M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.842M	325.6M	314.643M
6265MHz	Pass	Inf	325.6M	313.843M	325.6M	314.643M

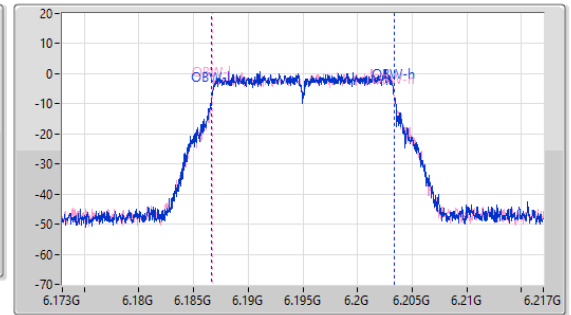
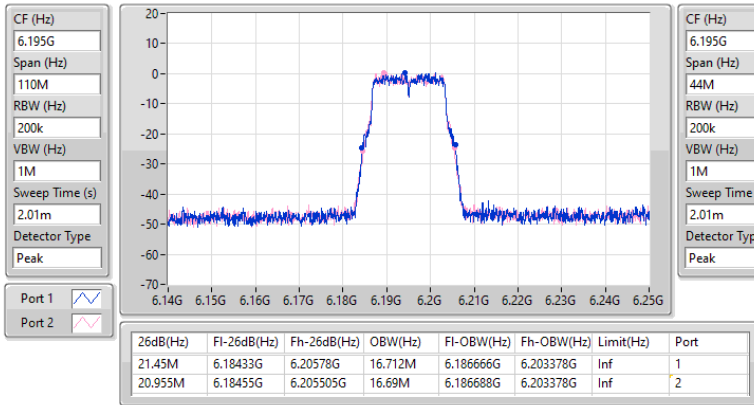
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6195MHz

06/05/2025

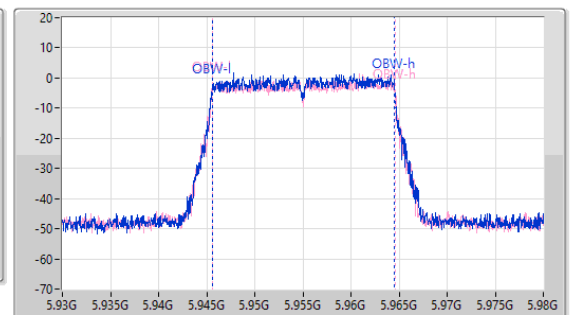
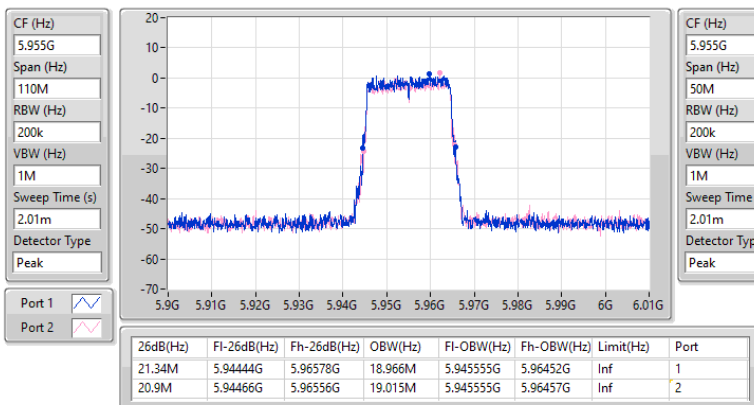


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

06/05/2025



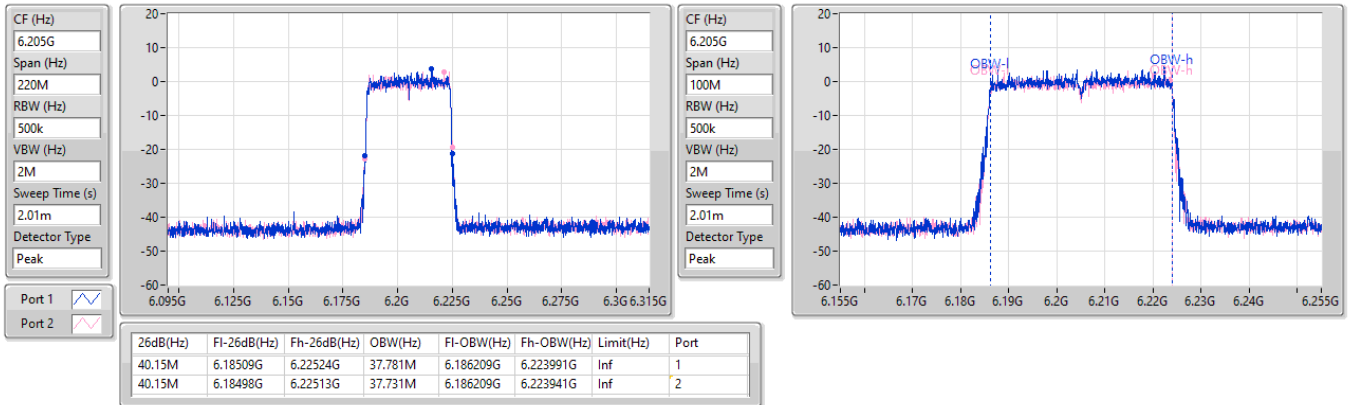


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6205MHz

06/05/2025

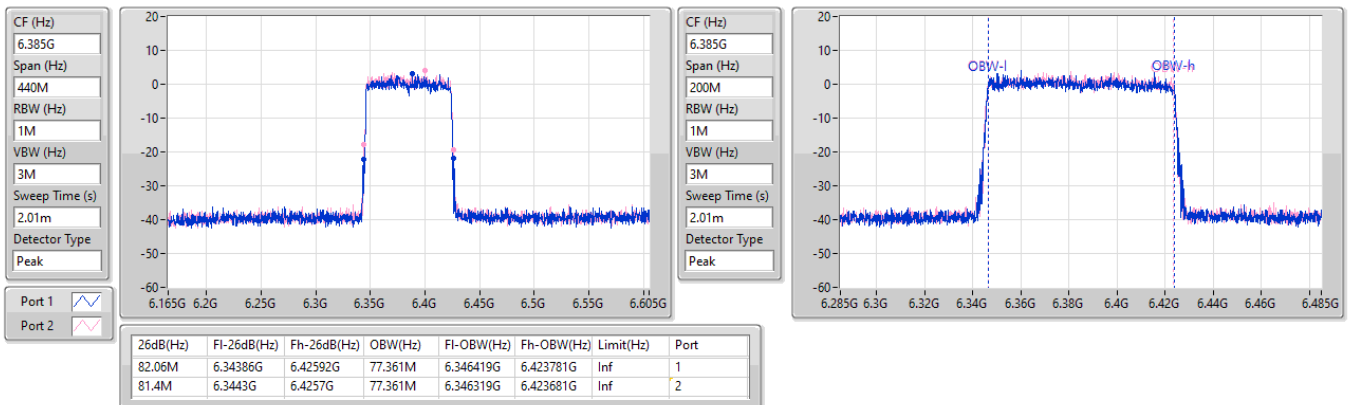


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6385MHz

06/05/2025

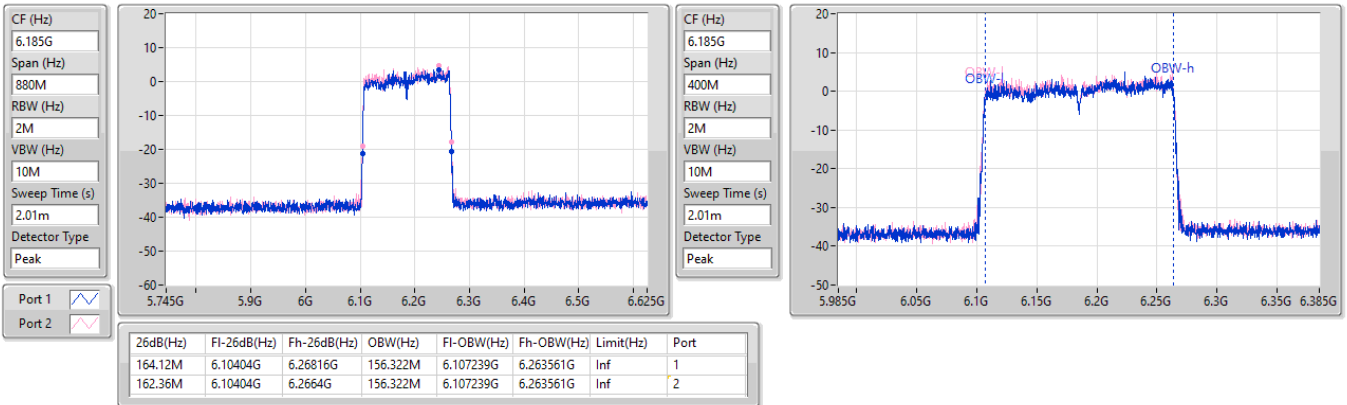


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6185MHz

06/05/2025

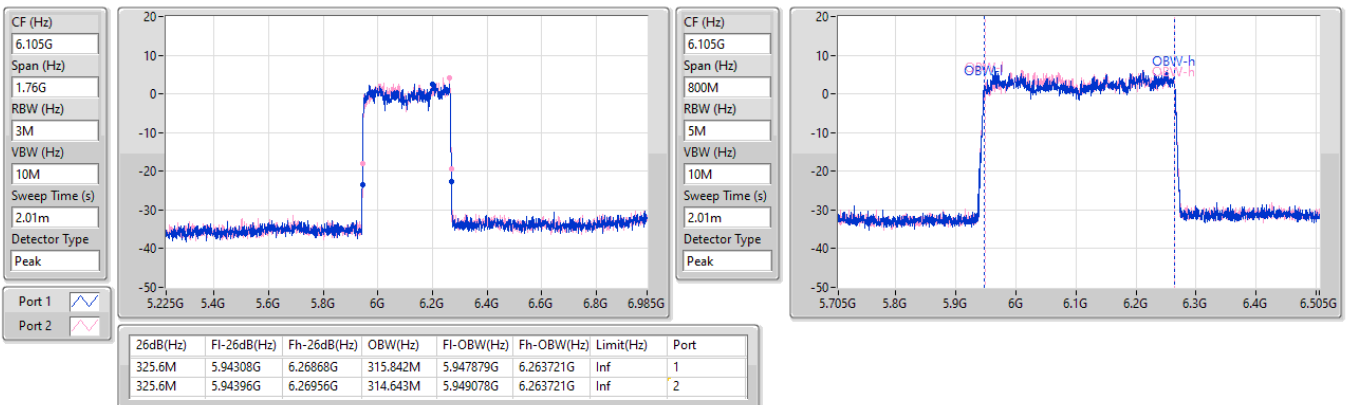


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

06/05/2025

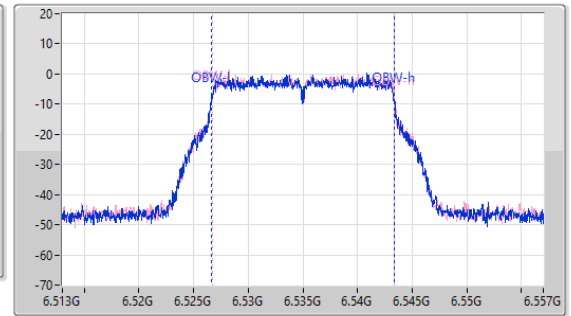
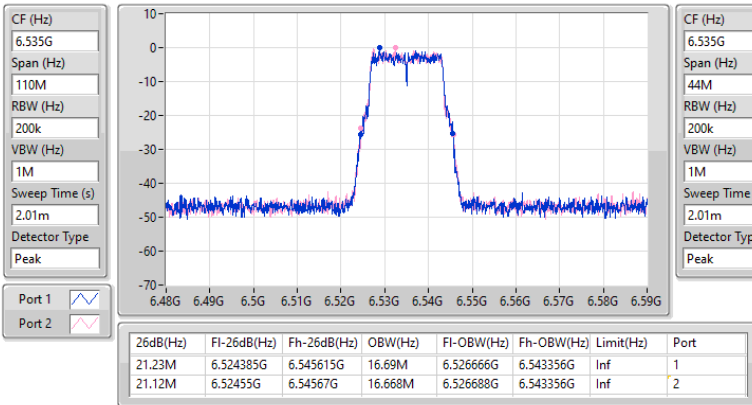


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6535MHz

06/05/2025

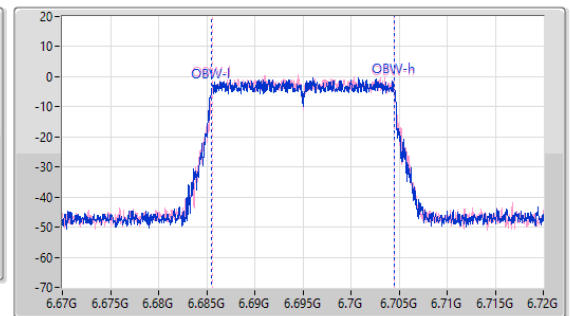
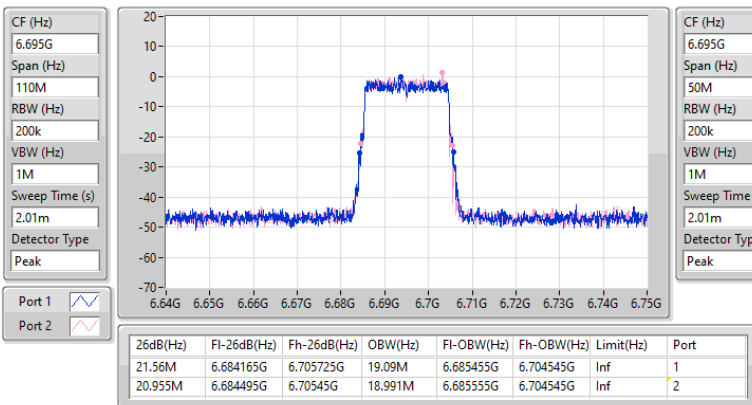


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6695MHz

06/05/2025

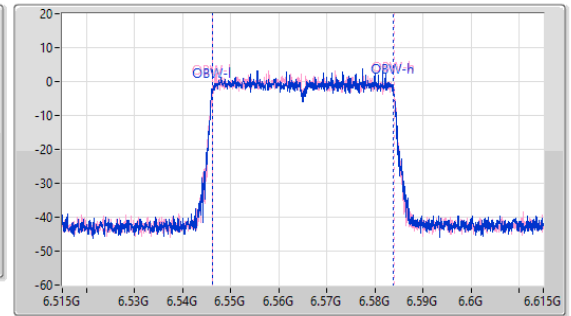
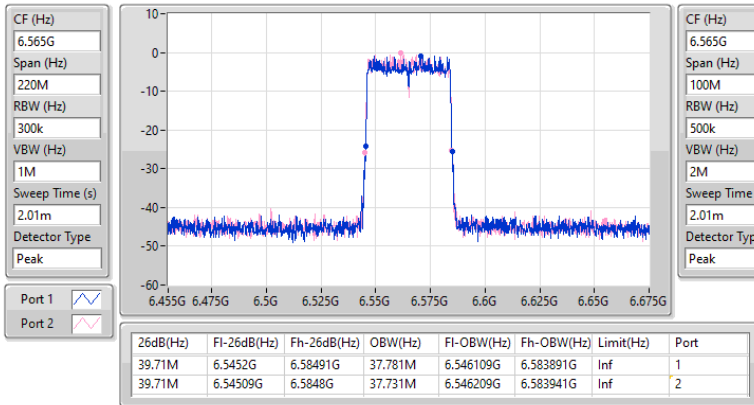


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6565MHz

06/05/2025

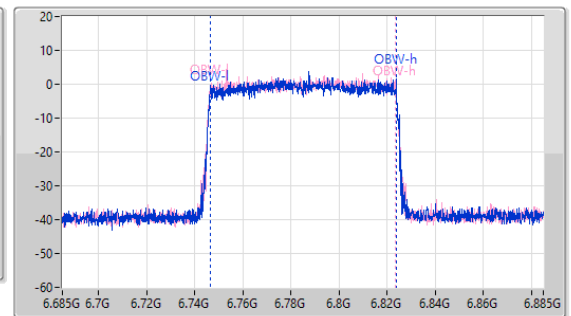
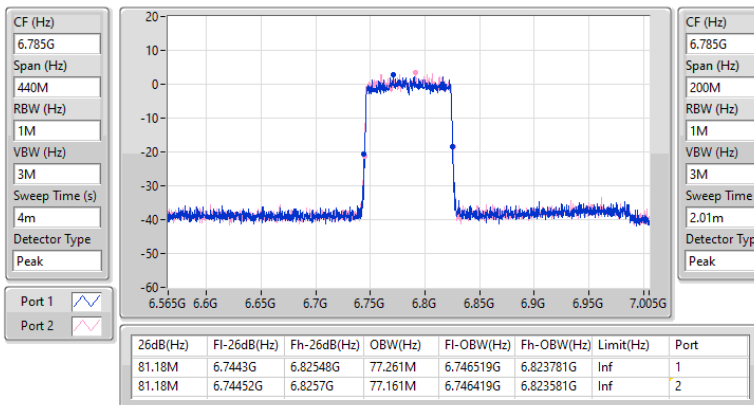


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

06/05/2025



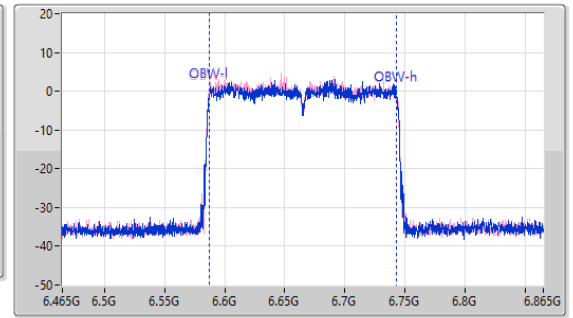
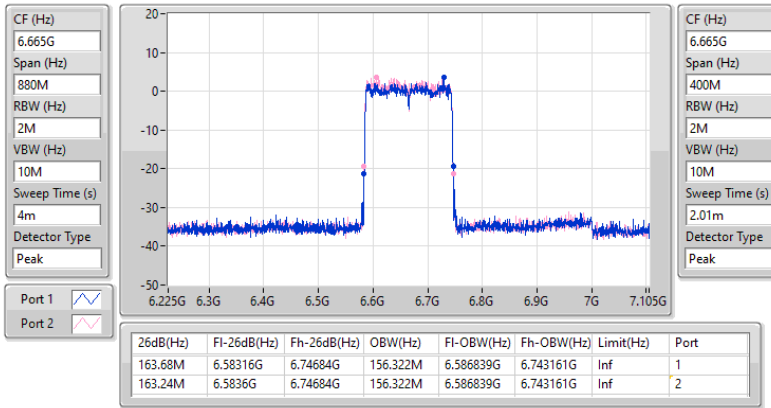


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

06/05/2025





**EBW_Non-Beamforming_
Radio 3_2T2S_Dipole_Outdoor_Peak Gain**

Appendix B.11

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.34M	19.065M	19M1D1D	20.955M	18.966M
802.11be EHT40_Nss2,(MCS0)_2TX	40.15M	37.831M	37M8D1D	39.16M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	81.4M	77.161M	77M2D1D	80.74M	76.962M
802.11be EHT160_Nss2,(MCS0)_2TX	164.12M	156.322M	156MD1D	162.8M	155.522M
802.11be EHT320_Nss2,(MCS0)_2TX	325.6M	315.842M	316MD1D	323.84M	314.243M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.56M	19.04M	19M0D1D	20.9M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	40.7M	37.781M	37M8D1D	39.16M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	81.84M	77.261M	77M3D1D	80.74M	77.061M
802.11be EHT160_Nss2,(MCS0)_2TX	164.56M	156.522M	157MD1D	163.24M	156.322M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_2T2S_Dipole_Outdoor_Peak Gain**

Appendix B.11

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.34M	19.015M	21.23M	19.065M
6195MHz	Pass	Inf	21.285M	18.966M	21.285M	18.991M
6415MHz	Pass	Inf	20.955M	18.966M	21.23M	19.065M
6535MHz	Pass	Inf	21.395M	18.991M	21.56M	19.04M
6695MHz	Pass	Inf	20.9M	19.04M	20.9M	19.04M
6855MHz	Pass	Inf	20.9M	19.015M	21.285M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.16M	37.681M	39.6M	37.681M
6205MHz	Pass	Inf	39.38M	37.731M	39.71M	37.631M
6405MHz	Pass	Inf	40.04M	37.831M	40.15M	37.731M
6565MHz	Pass	Inf	39.16M	37.731M	39.49M	37.781M
6685MHz	Pass	Inf	40.26M	37.731M	40.15M	37.681M
6845MHz	Pass	Inf	40.7M	37.681M	40.04M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.96M	76.962M	80.74M	76.962M
6225MHz	Pass	Inf	80.96M	77.161M	80.74M	77.061M
6385MHz	Pass	Inf	80.96M	77.061M	81.4M	77.161M
6625MHz	Pass	Inf	81.84M	77.061M	80.74M	77.261M
6705MHz	Pass	Inf	81.18M	77.161M	81.18M	77.261M
6785MHz	Pass	Inf	81.18M	77.161M	81.18M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.24M	155.922M	162.8M	155.522M
6185MHz	Pass	Inf	162.8M	156.122M	163.68M	156.122M
6345MHz	Pass	Inf	162.8M	156.322M	164.12M	156.122M
6665MHz	Pass	Inf	164.56M	156.322M	163.24M	156.522M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.842M	323.84M	314.643M
6265MHz	Pass	Inf	323.84M	314.243M	324.72M	315.042M

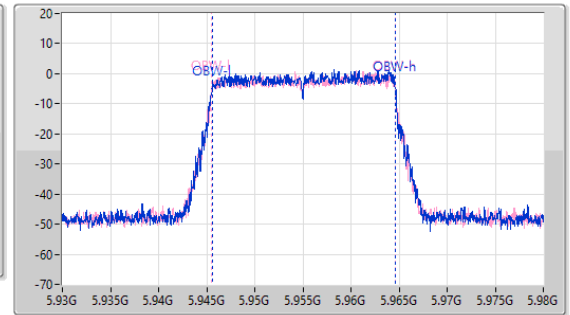
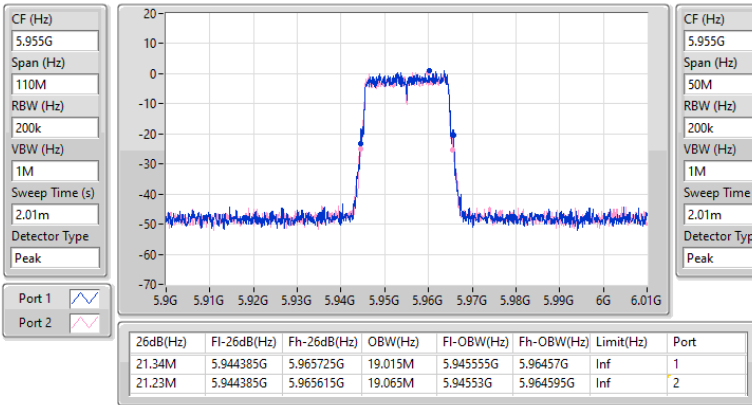
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

06/05/2025

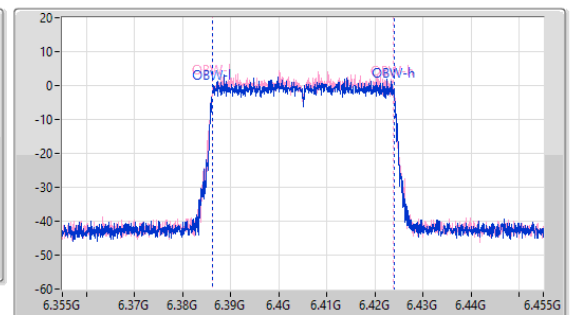
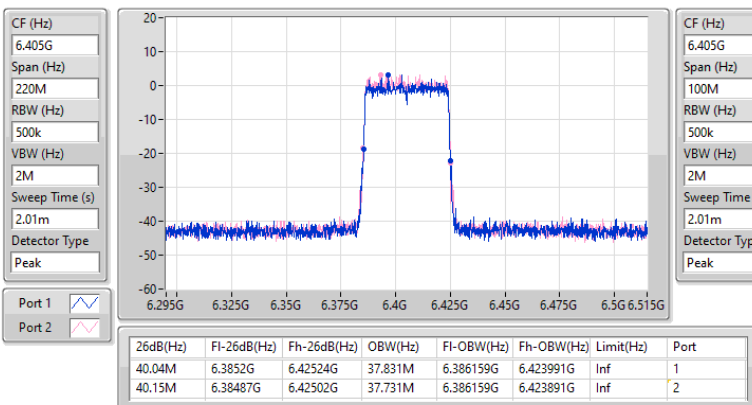


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6405MHz

06/05/2025

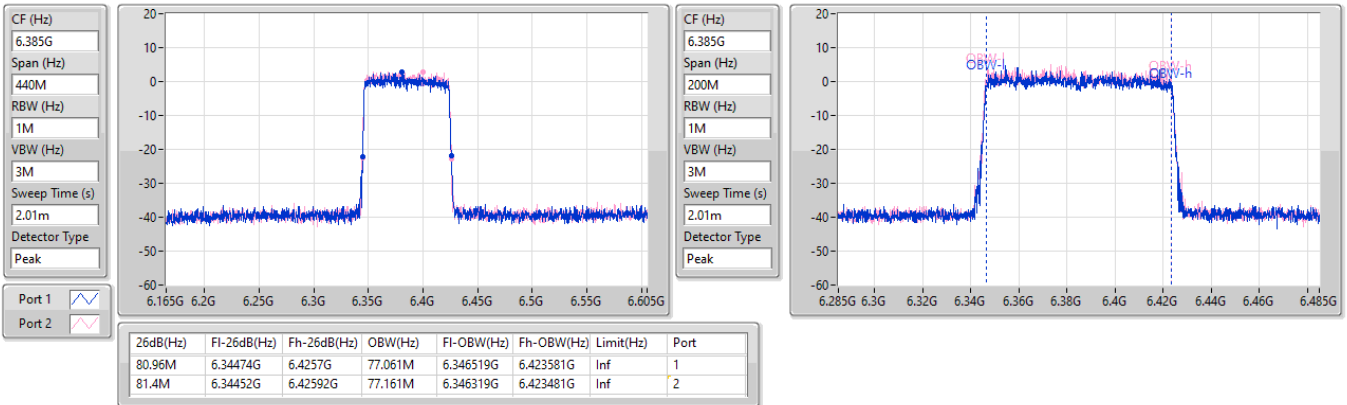


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6385MHz

06/05/2025

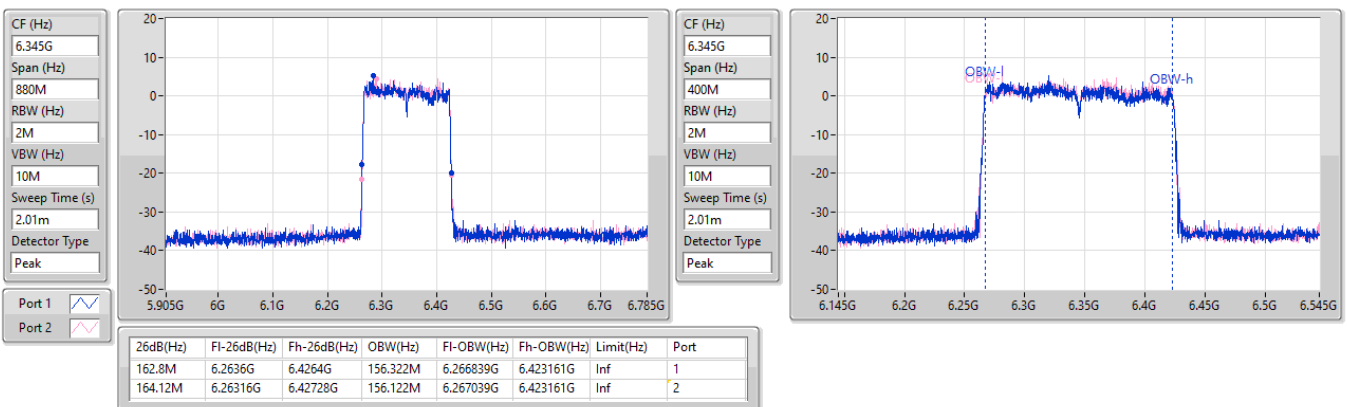


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6345MHz

06/05/2025

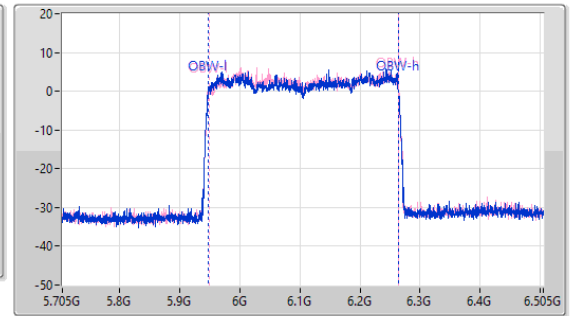
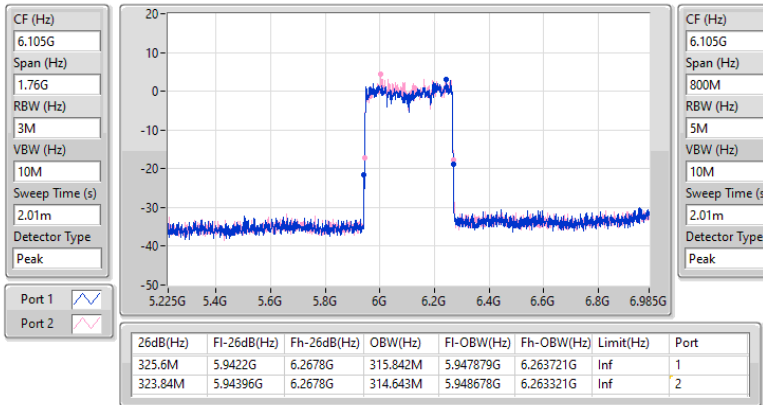


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6105MHz

06/05/2025

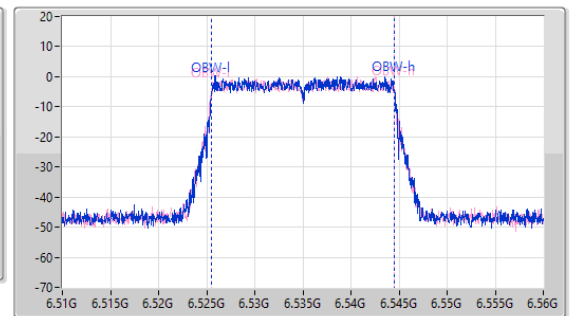
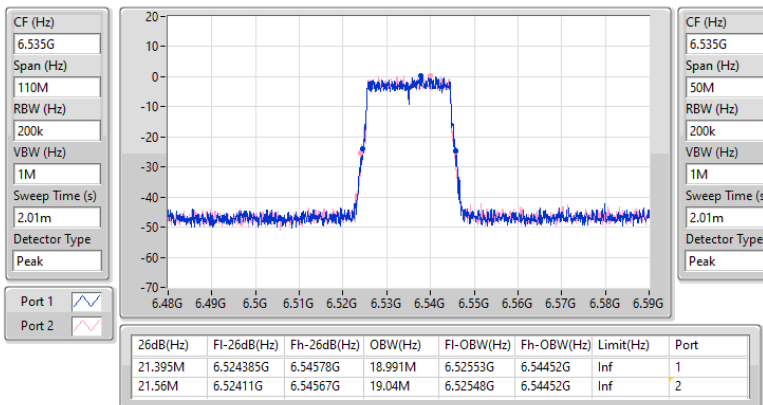


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

06/05/2025

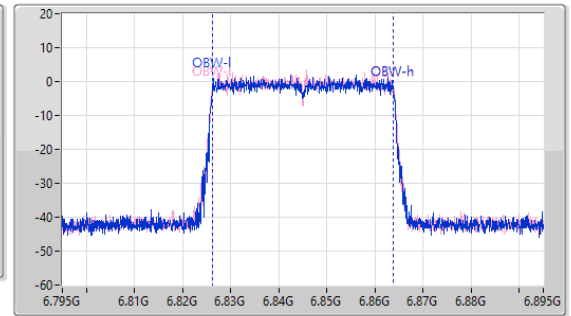
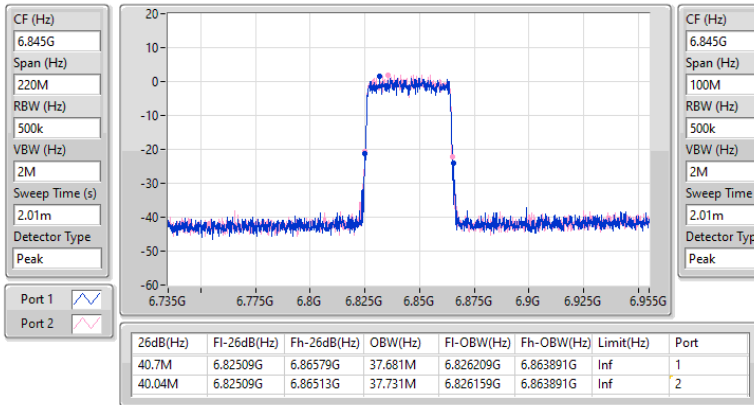


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6845MHz

06/05/2025

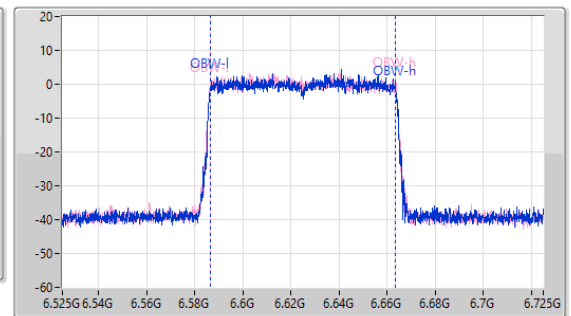
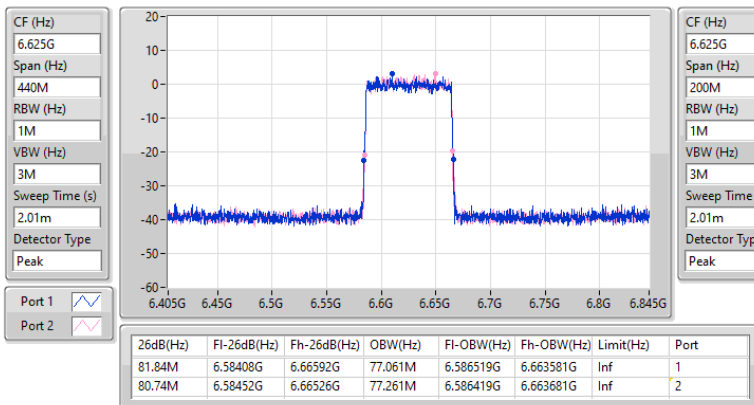


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6625MHz

06/05/2025



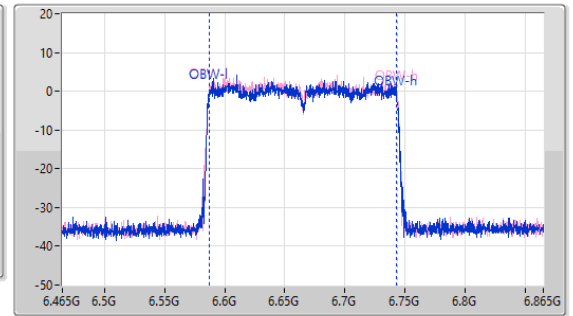
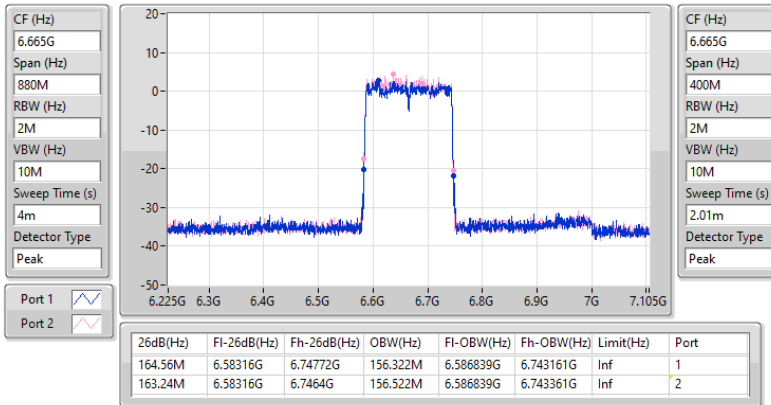


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

06/05/2025





**EBW_Non-Beamforming_
Radio 3_1T1S_Patch_Outdoor_Peak Gain**

Appendix B.12

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.12M	16.756M	16M8D1D	20.845M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	21.175M	19.04M	19M0D1D	21.065M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	40.92M	37.731M	37M7D1D	40.15M	37.631M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.161M	77M2D1D	80.52M	76.962M
802.11be EHT160_Nss1,(MCS0)_1TX	163.68M	156.322M	156MD1D	162.8M	155.922M
802.11be EHT320_Nss1,(MCS0)_1TX	326.48M	315.042M	315MD1D	325.6M	313.843M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.12M	16.756M	16M8D1D	20.955M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	21.34M	19.04M	19M0D1D	21.065M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	40.48M	37.731M	37M7D1D	39.82M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	81.18M	77.361M	77M4D1D	80.96M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	162.36M	156.122M	156MD1D	162.36M	156.122M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_1T1S_Patch_Outdoor_Peak Gain**

Appendix B.12

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.9M	16.712M
6195MHz	Pass	Inf	20.845M	16.712M
6415MHz	Pass	Inf	21.12M	16.756M
6535MHz	Pass	Inf	21.12M	16.668M
6695MHz	Pass	Inf	21.065M	16.756M
6855MHz	Pass	Inf	20.955M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.175M	19.04M
6195MHz	Pass	Inf	21.065M	18.991M
6415MHz	Pass	Inf	21.175M	18.991M
6535MHz	Pass	Inf	21.23M	19.015M
6695MHz	Pass	Inf	21.34M	19.04M
6855MHz	Pass	Inf	21.065M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	40.15M	37.631M
6205MHz	Pass	Inf	40.15M	37.731M
6405MHz	Pass	Inf	40.92M	37.731M
6565MHz	Pass	Inf	40.26M	37.681M
6685MHz	Pass	Inf	39.82M	37.731M
6845MHz	Pass	Inf	40.48M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	80.52M	76.962M
6225MHz	Pass	Inf	81.62M	77.061M
6385MHz	Pass	Inf	80.52M	77.161M
6625MHz	Pass	Inf	81.18M	77.261M
6705MHz	Pass	Inf	80.96M	77.361M
6785MHz	Pass	Inf	81.18M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	162.8M	155.922M
6185MHz	Pass	Inf	163.24M	156.122M
6345MHz	Pass	Inf	163.68M	156.322M
6665MHz	Pass	Inf	162.36M	156.122M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	326.48M	315.042M
6265MHz	Pass	Inf	325.6M	313.843M

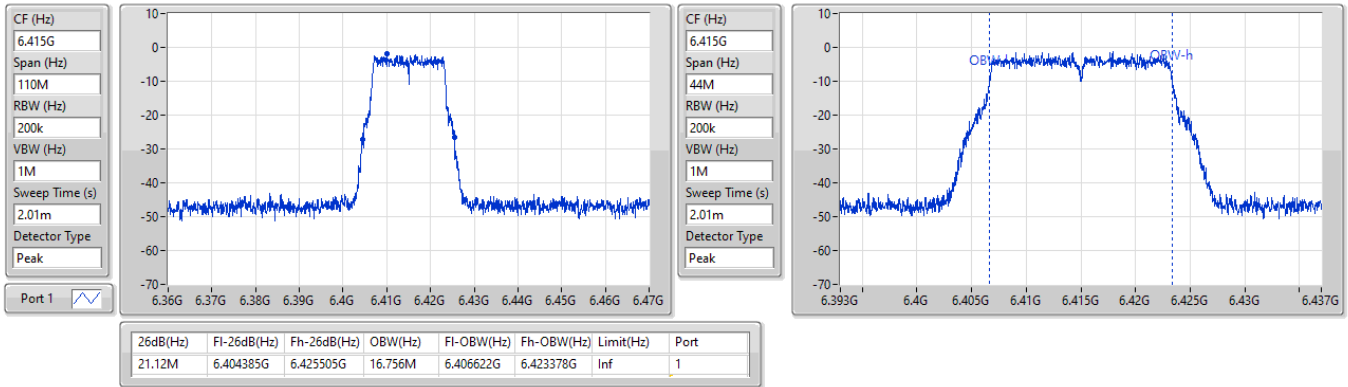
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6415MHz

07/05/2025

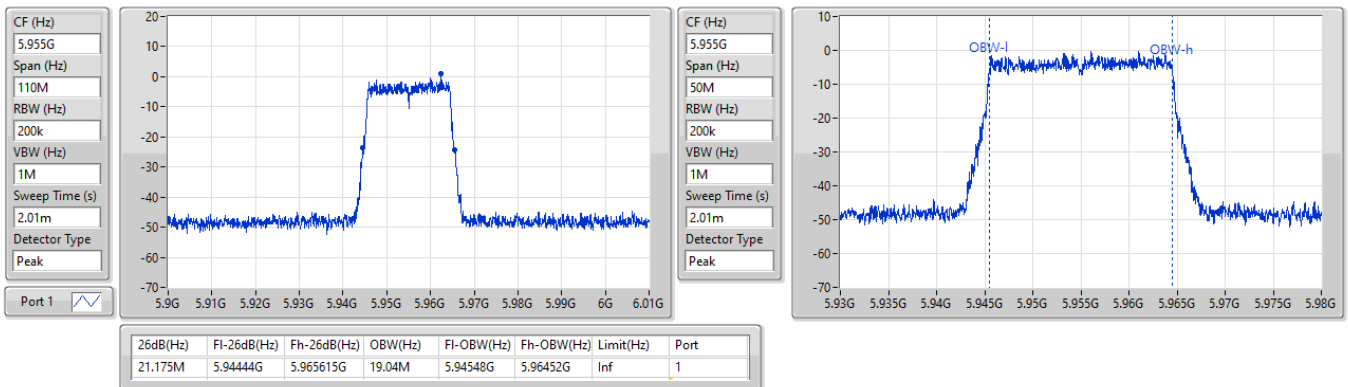


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

07/05/2025

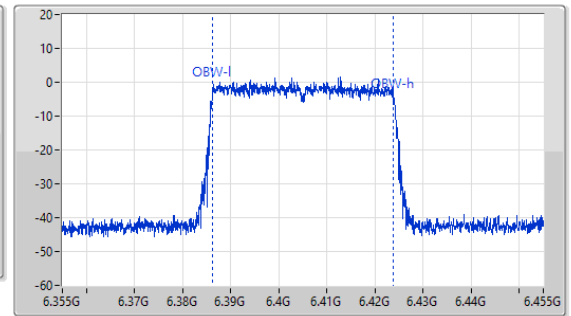
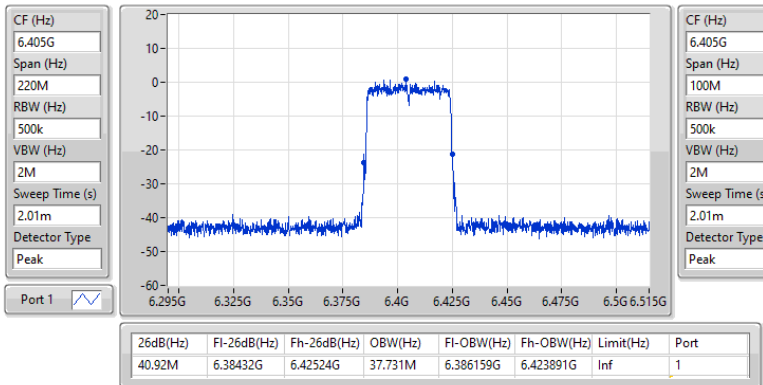


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6405MHz

07/05/2025

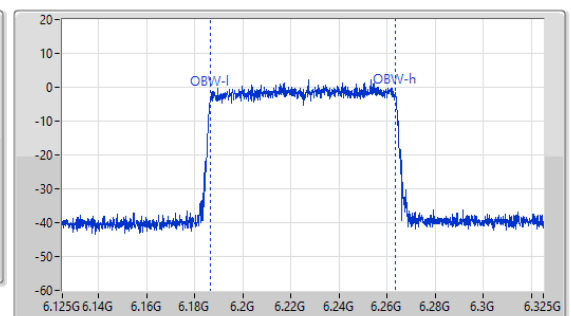
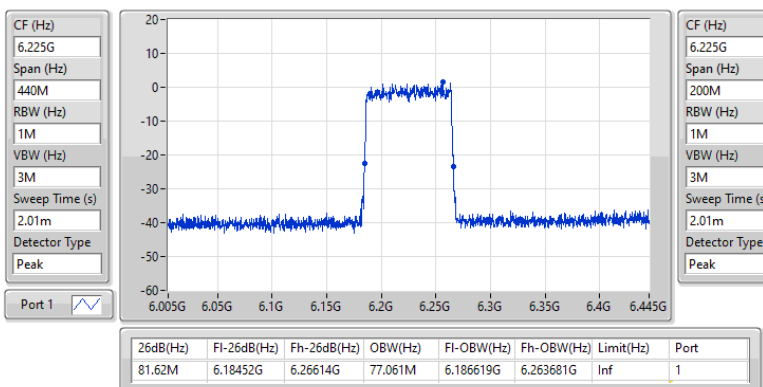


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6225MHz

07/05/2025

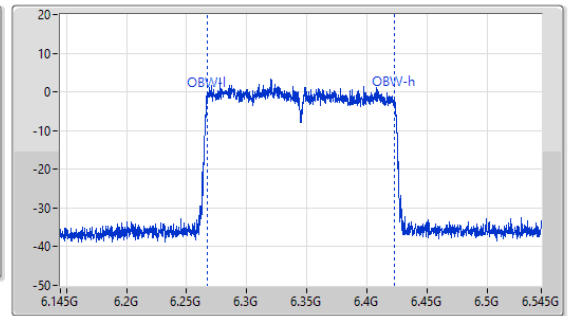
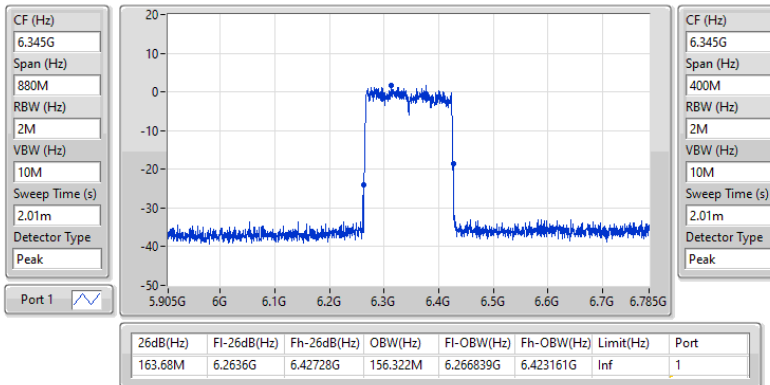


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6345MHz

07/05/2025

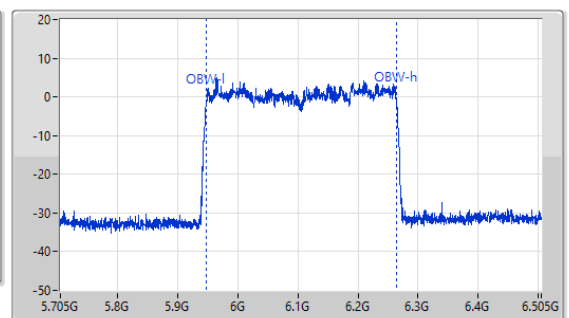
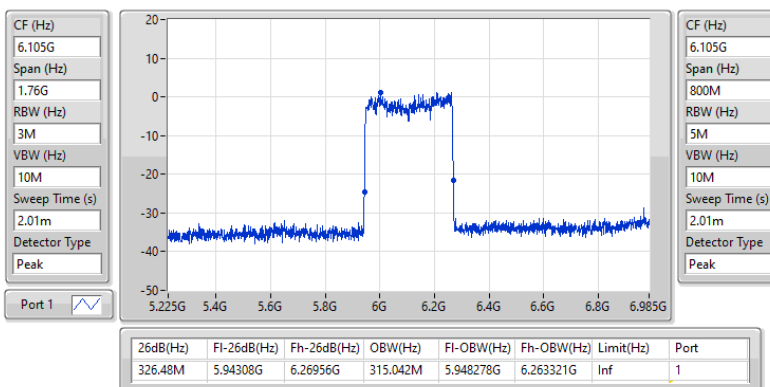


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6105MHz

07/05/2025

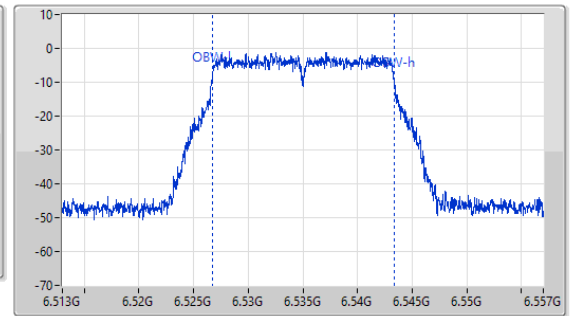
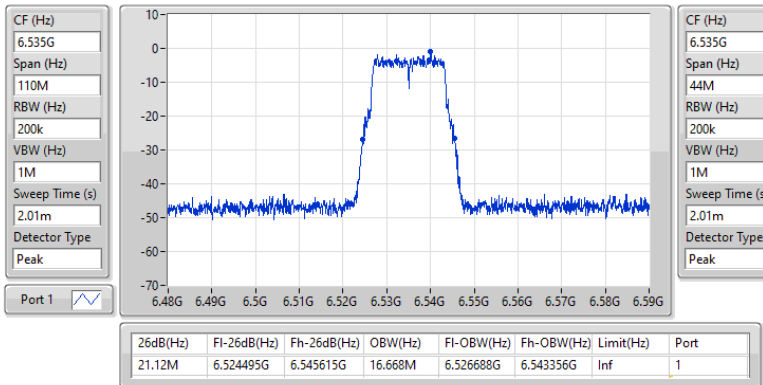


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6535MHz

07/05/2025

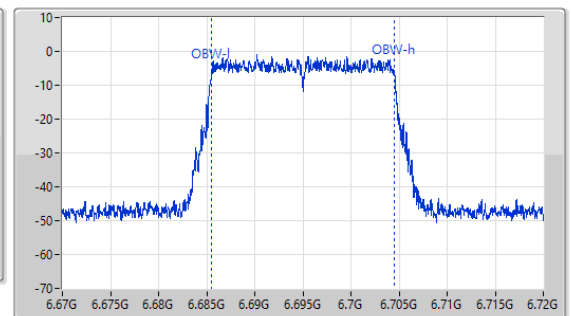
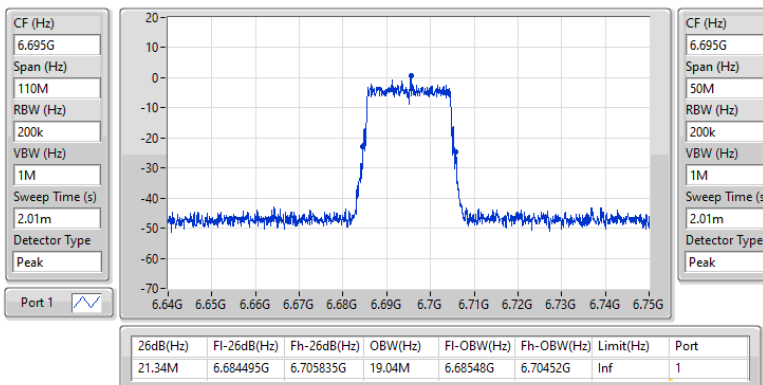


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6695MHz

07/05/2025

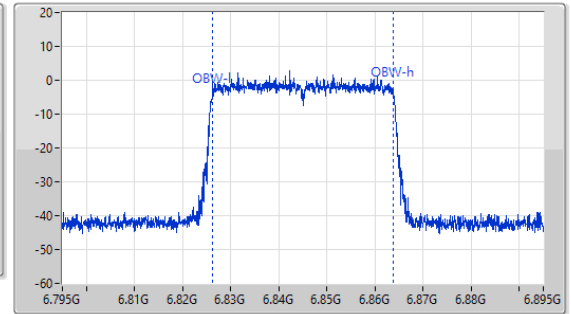
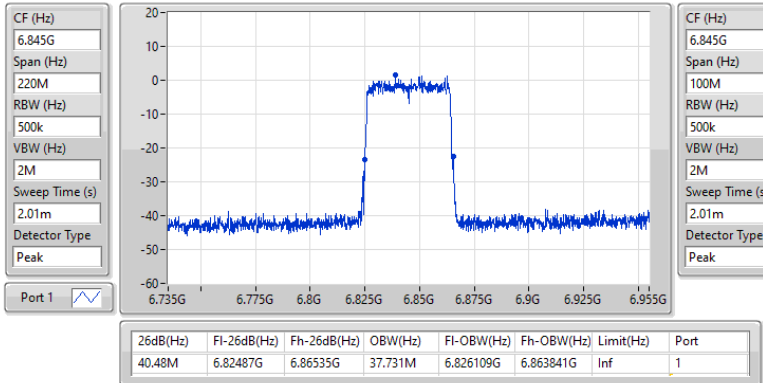


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6845MHz

07/05/2025

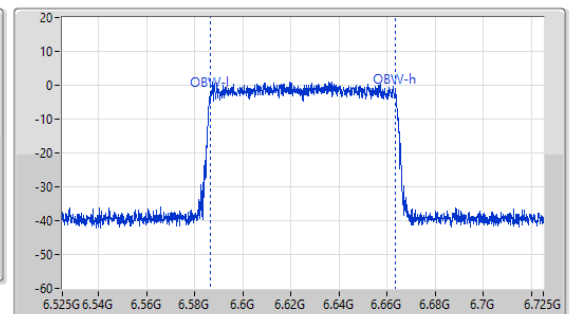
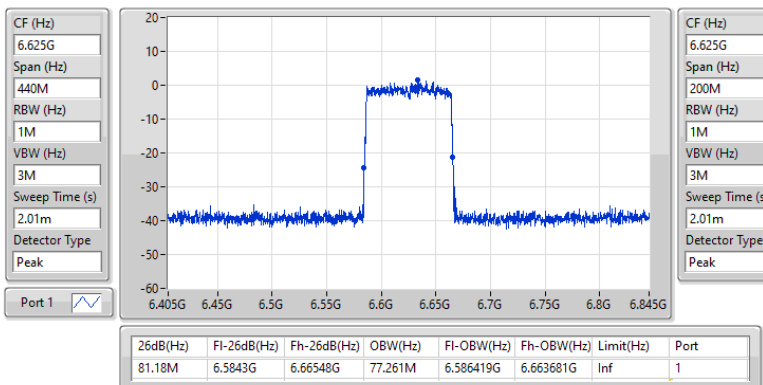


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6625MHz

07/05/2025



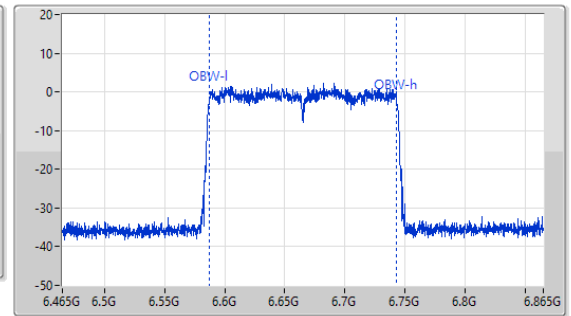
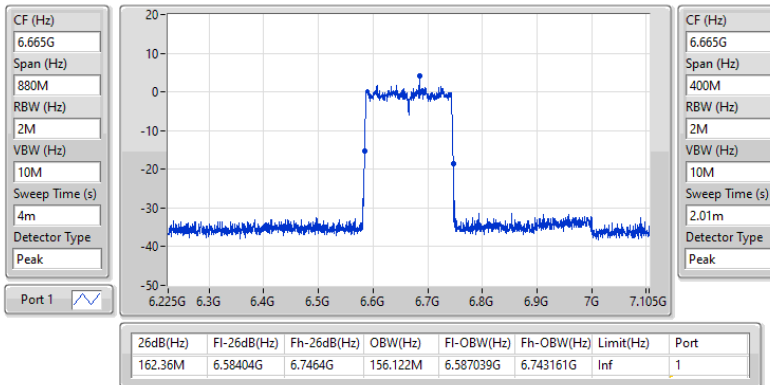


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

07/05/2025





**EBW_Non-Beamforming_
Radio 3_2T1S_Patch_Outdoor_Peak Gain**

Appendix B.13

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.395M	16.734M	16M7D1D	20.845M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	21.67M	19.065M	19M1D1D	20.955M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	39.93M	37.781M	37M8D1D	39.27M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.18M	77.361M	77M4D1D	80.3M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	164.12M	156.522M	157MD1D	161.92M	155.922M
802.11be EHT320_Nss1,(MCS0)_2TX	326.48M	316.242M	316MD1D	324.72M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.45M	16.712M	16M7D1D	20.735M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	21.67M	19.09M	19M1D1D	20.9M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	39.93M	37.781M	37M8D1D	39.38M	37.681M
802.11be EHT80_Nss1,(MCS0)_2TX	81.62M	77.461M	77M5D1D	80.96M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	163.24M	156.722M	157MD1D	162.36M	156.522M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_2T1S_Patch_Outdoor_Peak Gain**

Appendix B.13

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.12M	16.646M	21.01M	16.668M
6195MHz	Pass	Inf	21.12M	16.668M	21.395M	16.668M
6415MHz	Pass	Inf	20.845M	16.734M	21.175M	16.668M
6535MHz	Pass	Inf	20.955M	16.646M	21.45M	16.668M
6695MHz	Pass	Inf	20.79M	16.668M	20.735M	16.624M
6855MHz	Pass	Inf	20.79M	16.712M	20.955M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.12M	19.065M	21.23M	18.991M
6195MHz	Pass	Inf	21.23M	19.04M	21.67M	19.015M
6415MHz	Pass	Inf	20.955M	19.065M	20.955M	19.04M
6535MHz	Pass	Inf	21.01M	19.09M	21.285M	19.04M
6695MHz	Pass	Inf	21.67M	19.04M	20.9M	19.09M
6855MHz	Pass	Inf	21.45M	18.991M	21.34M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.93M	37.781M	39.27M	37.631M
6205MHz	Pass	Inf	39.71M	37.681M	39.6M	37.731M
6405MHz	Pass	Inf	39.93M	37.781M	39.49M	37.631M
6565MHz	Pass	Inf	39.49M	37.781M	39.82M	37.681M
6685MHz	Pass	Inf	39.38M	37.681M	39.6M	37.781M
6845MHz	Pass	Inf	39.71M	37.731M	39.93M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.52M	77.061M	80.74M	76.962M
6225MHz	Pass	Inf	80.3M	77.161M	80.74M	77.161M
6385MHz	Pass	Inf	80.96M	77.361M	81.18M	77.261M
6625MHz	Pass	Inf	80.96M	77.261M	81.62M	77.361M
6705MHz	Pass	Inf	81.62M	77.161M	81.4M	77.261M
6785MHz	Pass	Inf	81.4M	77.261M	81.62M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	161.92M	156.122M	161.92M	155.922M
6185MHz	Pass	Inf	164.12M	156.322M	163.24M	156.522M
6345MHz	Pass	Inf	164.12M	156.522M	163.24M	156.322M
6665MHz	Pass	Inf	162.36M	156.522M	163.24M	156.722M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	326.48M	316.242M	325.6M	315.842M
6265MHz	Pass	Inf	325.6M	315.042M	324.72M	315.442M

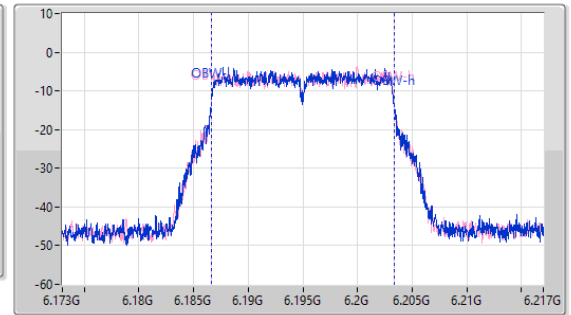
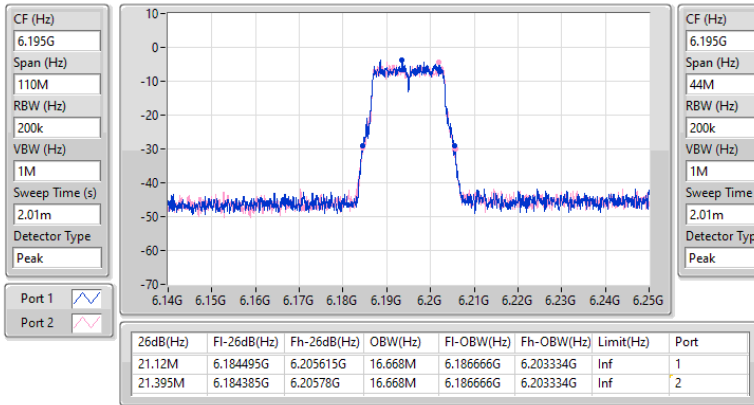
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6195MHz

07/05/2025

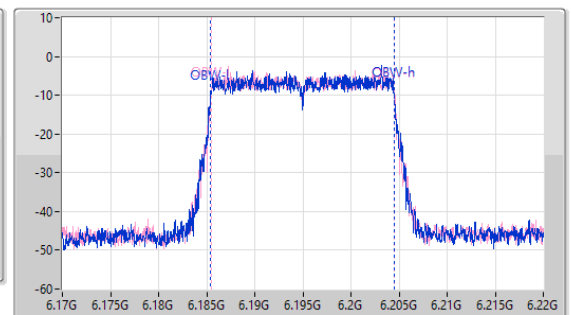
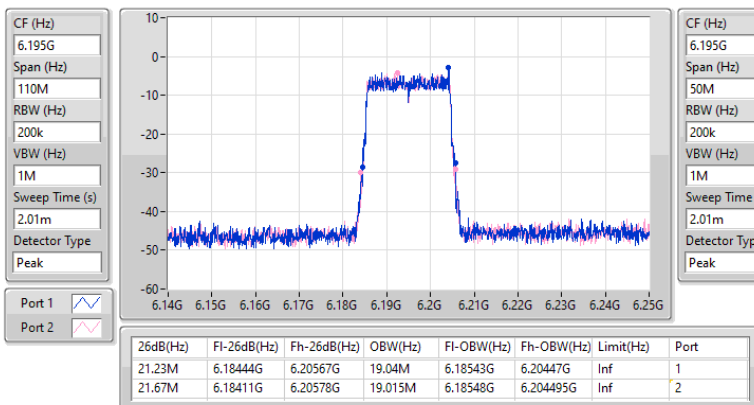


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6195MHz

07/05/2025

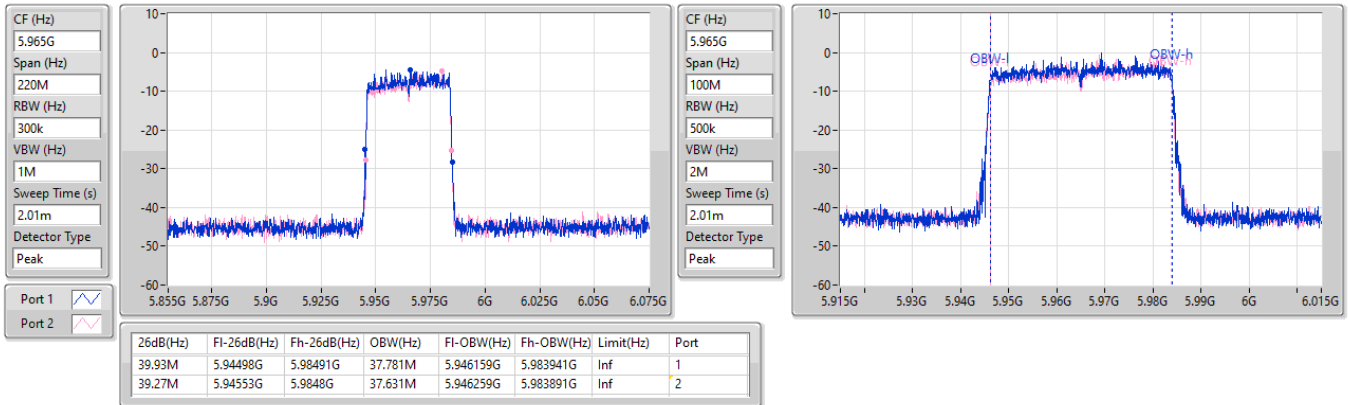


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5965MHz

08/05/2025

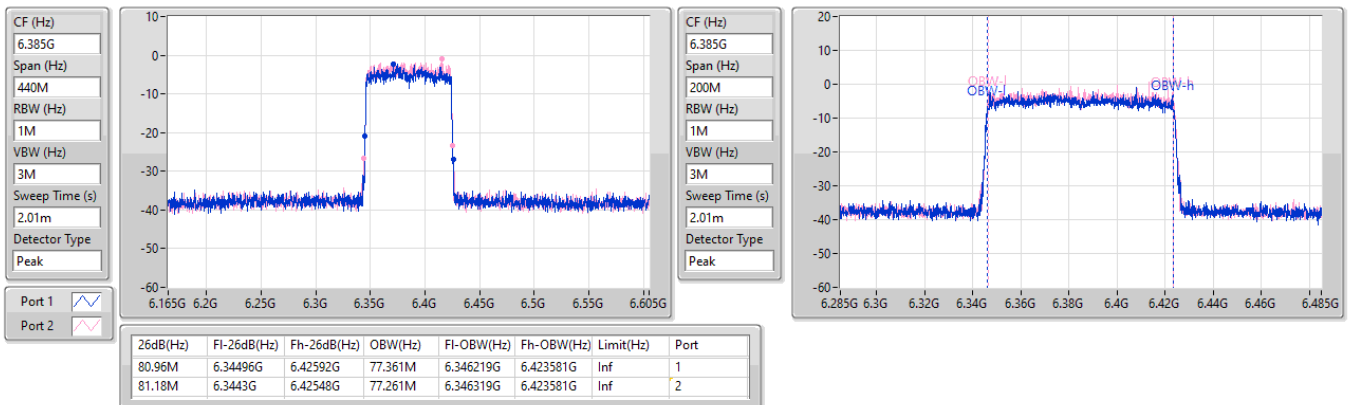


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6385MHz

07/05/2025

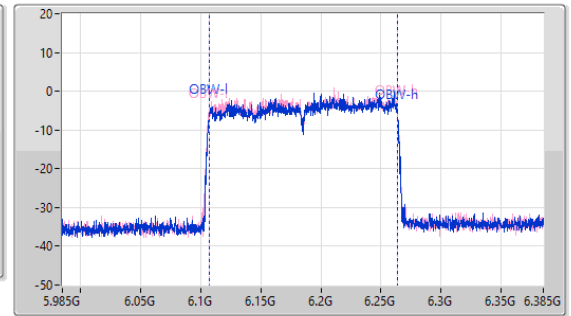
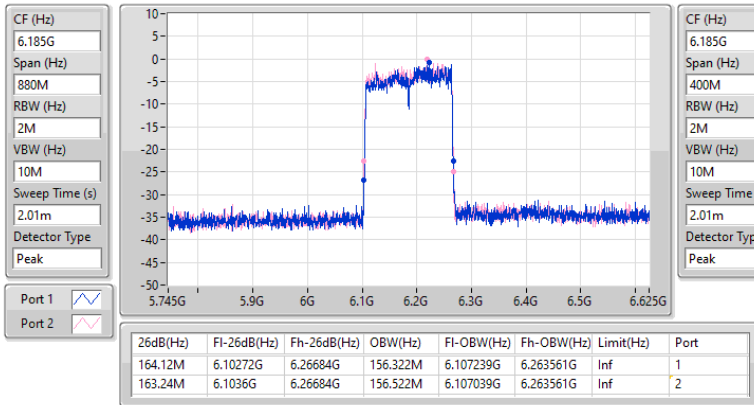


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6185MHz

07/05/2025

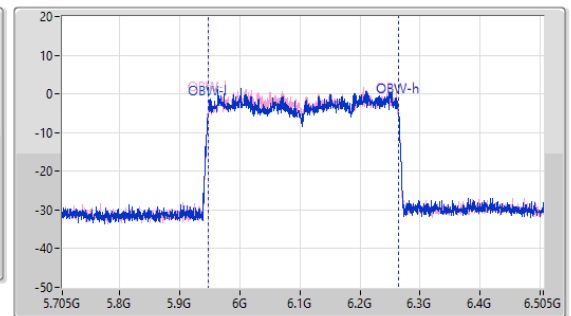
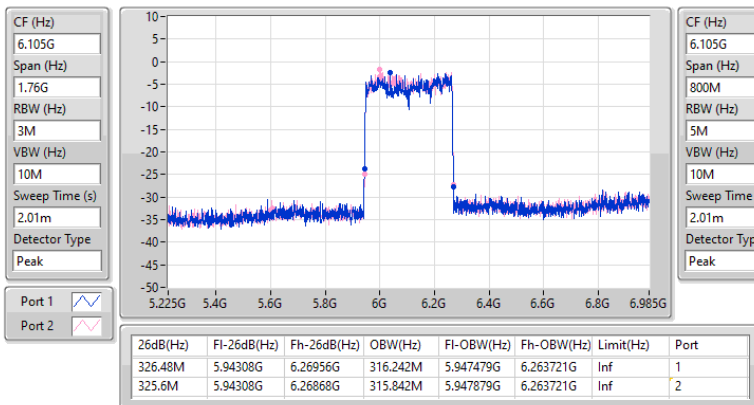


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

07/05/2025

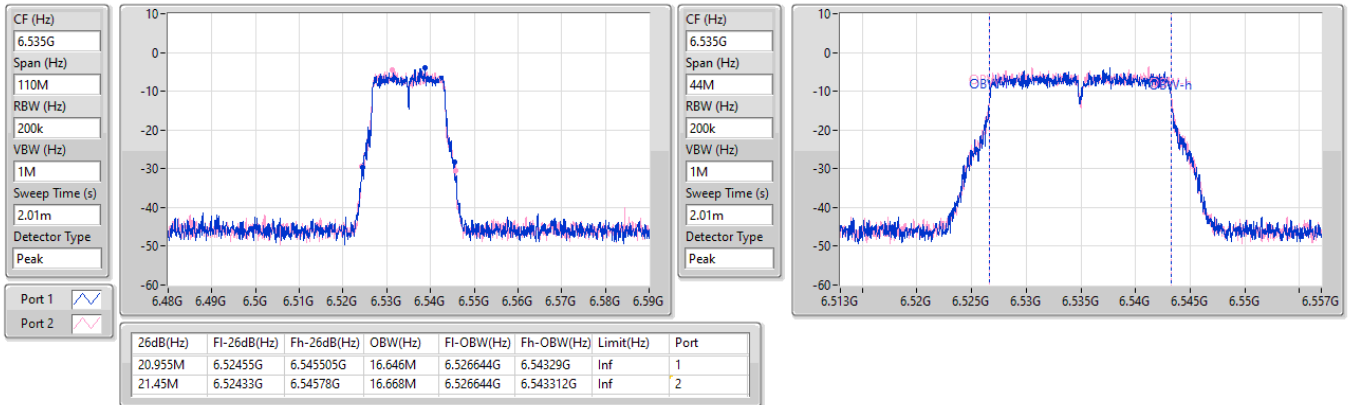


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6535MHz

07/05/2025

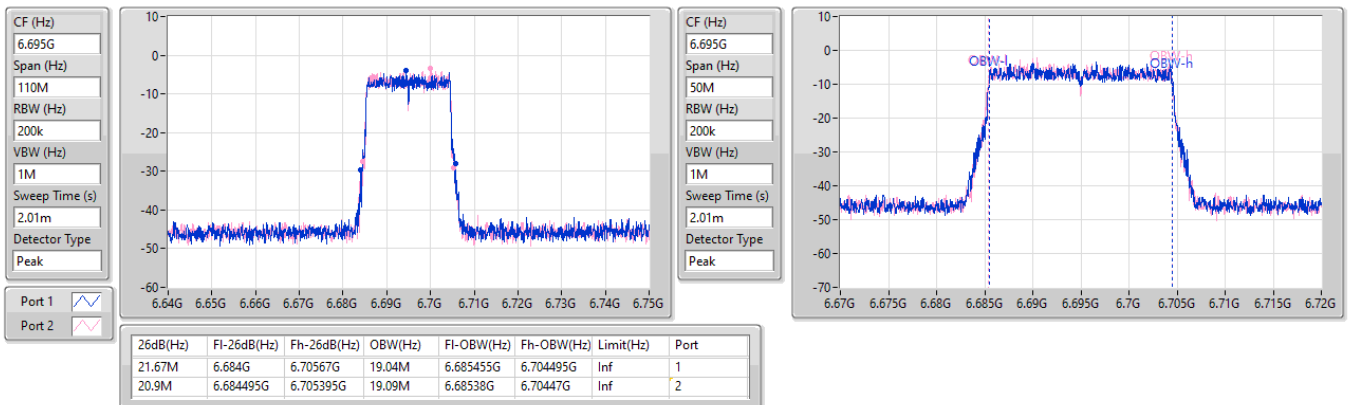


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6695MHz

07/05/2025

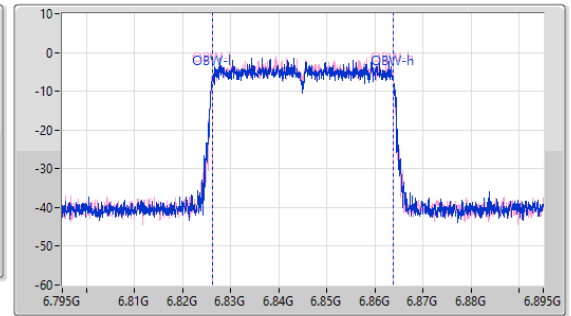
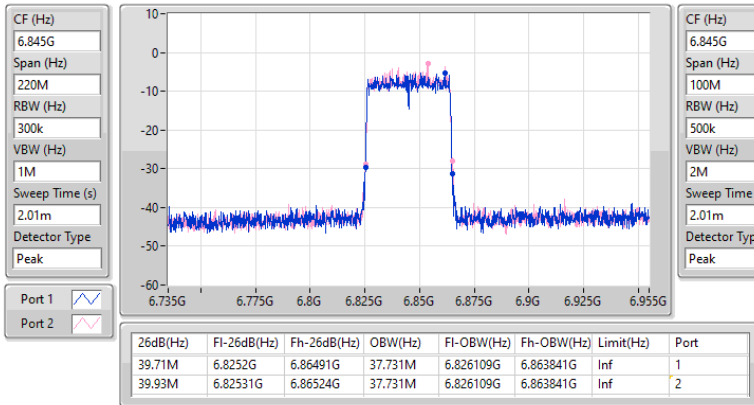


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6845MHz

07/05/2025

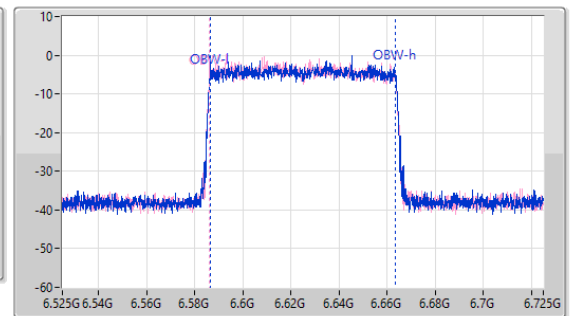
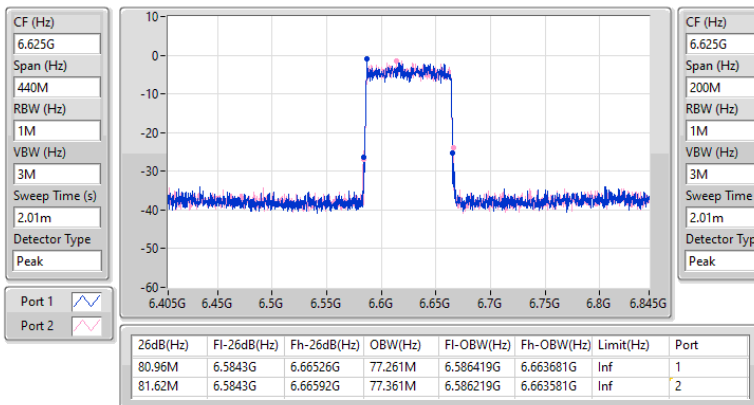


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6625MHz

07/05/2025



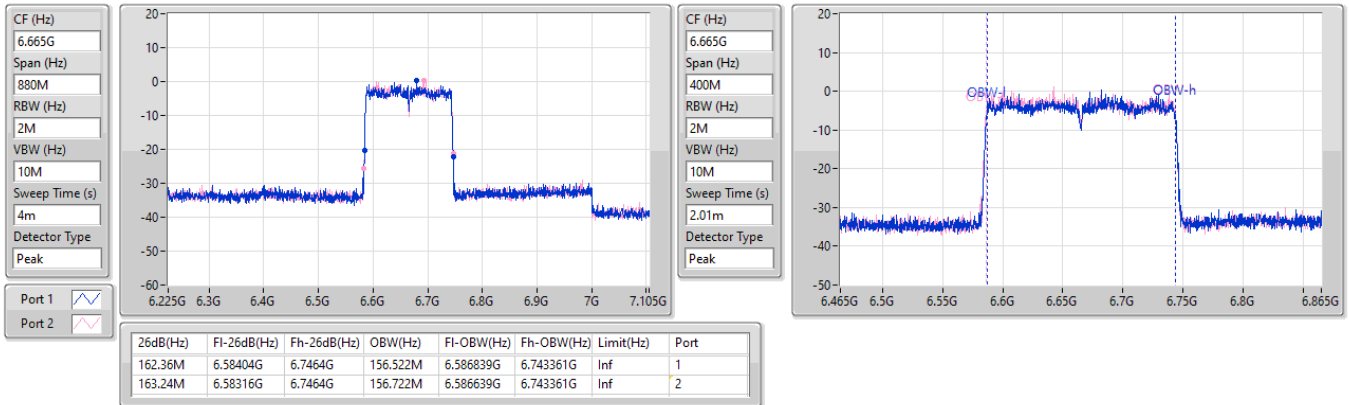


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

07/05/2025





**EBW_Non-Beamforming_
Radio 3_2T2S_Patch_Outdoor_Peak Gain**

Appendix B.14

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.56M	19.065M	19M1D1D	21.01M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	40.15M	37.781M	37M8D1D	39.6M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	80.74M	77.461M	77M5D1D	80.52M	76.962M
802.11be EHT160_Nss2,(MCS0)_2TX	165M	156.722M	157MD1D	163.24M	155.522M
802.11be EHT320_Nss2,(MCS0)_2TX	327.36M	316.642M	317MD1D	323.84M	314.643M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.67M	19.065M	19M1D1D	21.065M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	40.59M	37.781M	37M8D1D	39.38M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	82.28M	77.461M	77M5D1D	80.74M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	164.12M	156.522M	157MD1D	163.68M	156.322M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_2T2S_Patch_Outdoor_Peak Gain**

Appendix B.14

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.01M	19.04M	21.45M	19.015M
6195MHz	Pass	Inf	21.45M	19.065M	21.56M	19.04M
6415MHz	Pass	Inf	21.12M	19.015M	21.23M	19.04M
6535MHz	Pass	Inf	21.12M	19.04M	21.67M	19.065M
6695MHz	Pass	Inf	21.23M	19.015M	21.065M	19.065M
6855MHz	Pass	Inf	21.505M	19.04M	21.23M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.04M	37.681M	40.04M	37.781M
6205MHz	Pass	Inf	40.04M	37.781M	40.15M	37.681M
6405MHz	Pass	Inf	39.6M	37.781M	39.71M	37.731M
6565MHz	Pass	Inf	40.59M	37.781M	40.04M	37.681M
6685MHz	Pass	Inf	40.26M	37.731M	40.15M	37.681M
6845MHz	Pass	Inf	39.6M	37.781M	39.38M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.52M	76.962M	80.74M	77.061M
6225MHz	Pass	Inf	80.52M	77.461M	80.74M	77.261M
6385MHz	Pass	Inf	80.74M	77.361M	80.74M	77.261M
6625MHz	Pass	Inf	81.18M	77.261M	80.74M	77.161M
6705MHz	Pass	Inf	81.4M	77.261M	82.28M	77.361M
6785MHz	Pass	Inf	80.74M	77.461M	81.4M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.24M	156.322M	163.24M	155.522M
6185MHz	Pass	Inf	164.56M	156.122M	164.56M	156.722M
6345MHz	Pass	Inf	165M	156.322M	164.12M	156.322M
6665MHz	Pass	Inf	164.12M	156.522M	163.68M	156.322M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	325.6M	316.642M	323.84M	315.442M
6265MHz	Pass	Inf	325.6M	314.643M	327.36M	315.842M

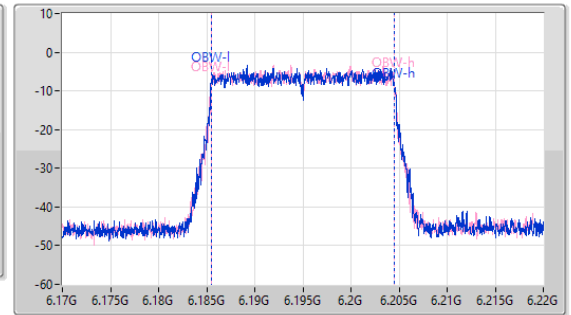
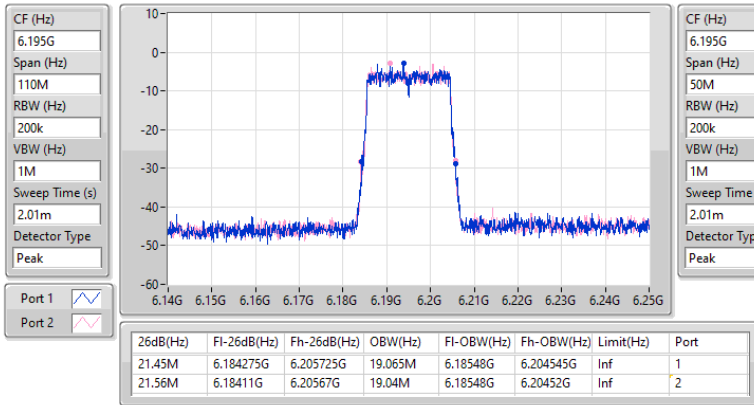
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

08/05/2025

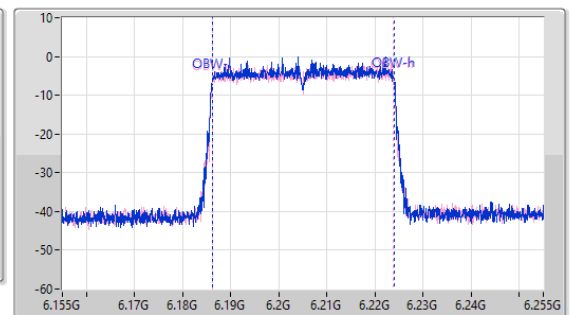
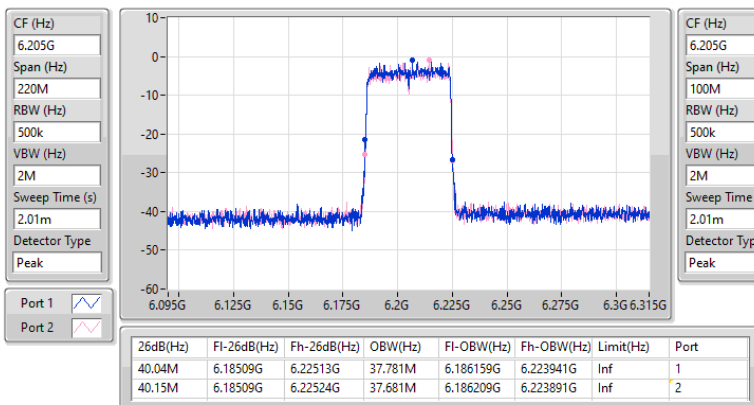


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6205MHz

08/05/2025

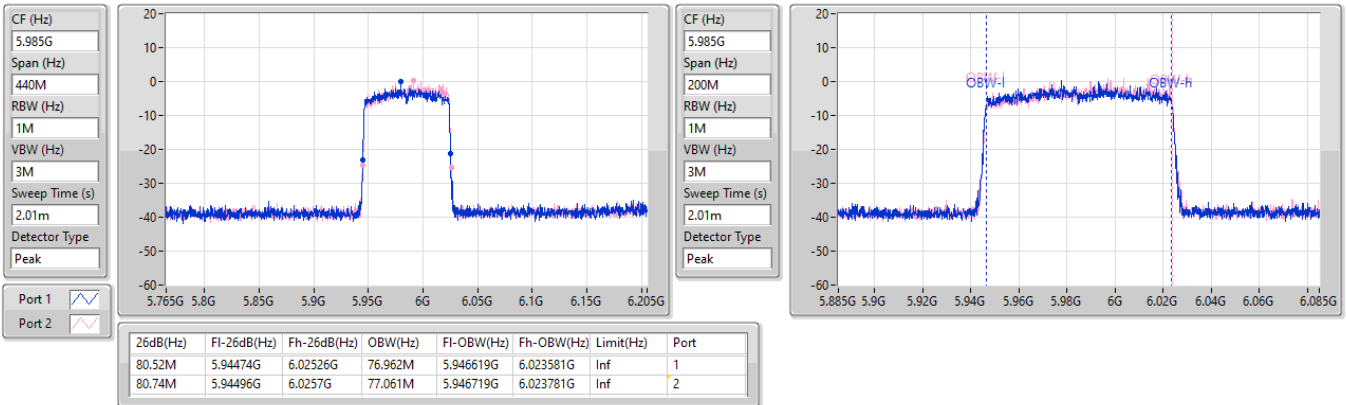


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5985MHz

08/05/2025

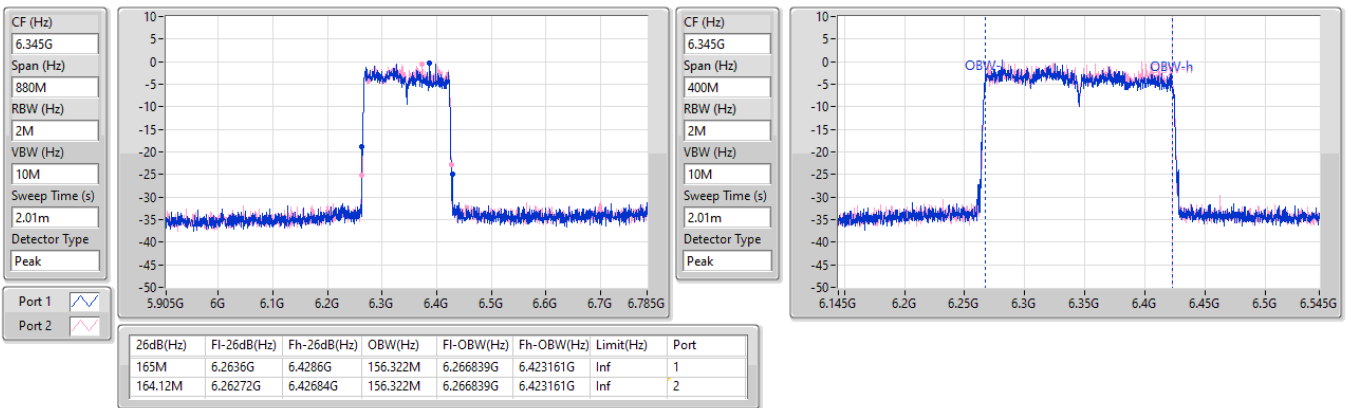


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6345MHz

08/05/2025

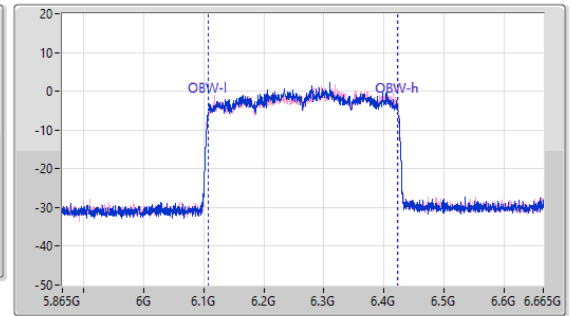
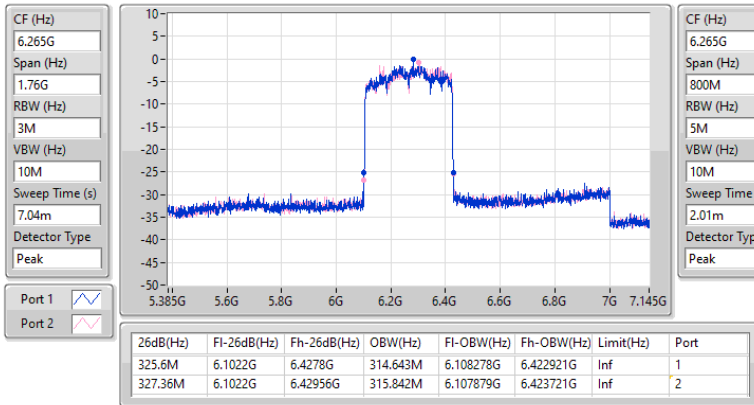


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6265MHz

08/05/2025

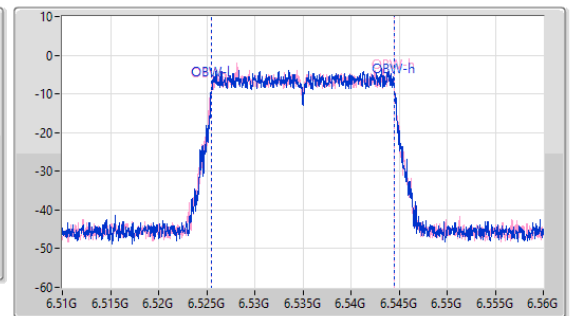
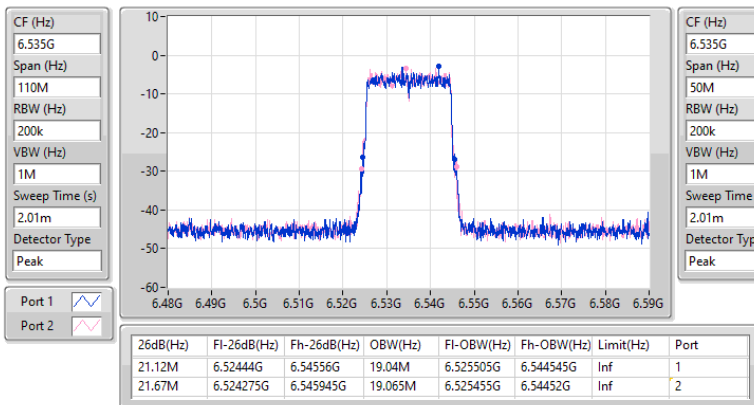


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

08/05/2025

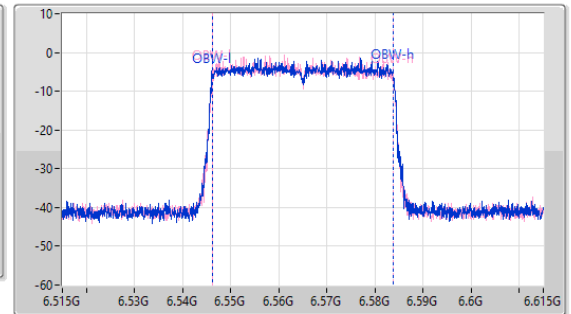
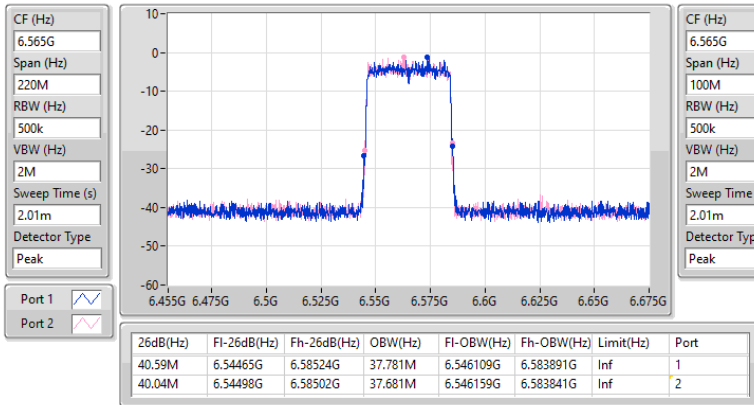


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6565MHz

08/05/2025

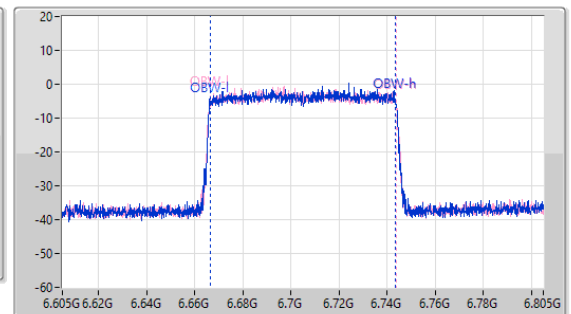
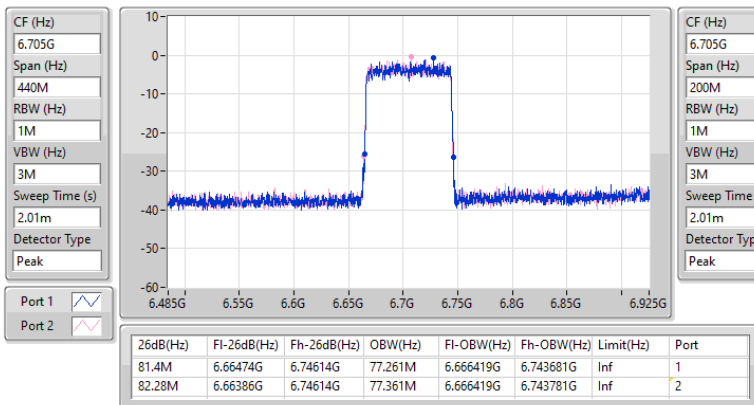


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6705MHz

08/05/2025



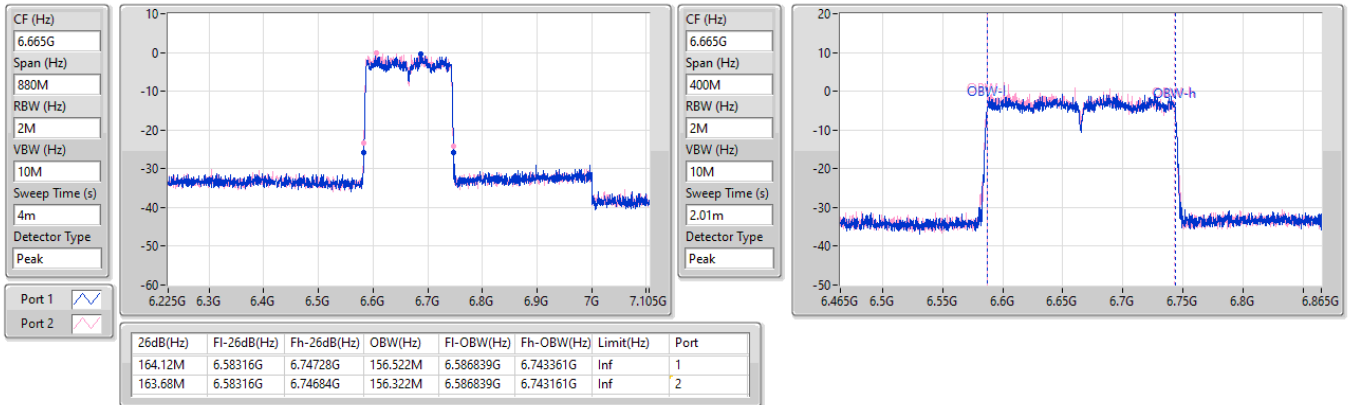


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

08/05/2025





**EBW_Non-Beamforming_
Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.15

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.835M	16.69M	16M7D1D	20.79M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	21.34M	19.04M	19M0D1D	20.79M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	39.93M	37.781M	37M8D1D	39.38M	37.631M
802.11be EHT80_Nss1,(MCS0)_1TX	81.18M	77.161M	77M2D1D	80.3M	76.962M
802.11be EHT160_Nss1,(MCS0)_1TX	163.68M	156.322M	156MD1D	161.48M	155.922M
802.11be EHT320_Nss1,(MCS0)_1TX	339.68M	315.442M	315MD1D	325.6M	313.843M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.175M	16.712M	16M7D1D	20.955M	16.69M
802.11be EHT20_Nss1,(MCS0)_1TX	21.78M	19.065M	19M1D1D	20.845M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	40.48M	37.731M	37M7D1D	39.6M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	82.06M	77.261M	77M3D1D	80.96M	77.061M
802.11be EHT160_Nss1,(MCS0)_1TX	163.24M	156.122M	156MD1D	163.24M	156.122M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.15

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.835M	16.69M
6195MHz	Pass	Inf	20.79M	16.69M
6415MHz	Pass	Inf	21.01M	16.668M
6535MHz	Pass	Inf	20.955M	16.712M
6695MHz	Pass	Inf	21.175M	16.69M
6855MHz	Pass	Inf	21.065M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.79M	19.04M
6195MHz	Pass	Inf	21.065M	19.015M
6415MHz	Pass	Inf	21.34M	18.991M
6535MHz	Pass	Inf	21.505M	18.991M
6695MHz	Pass	Inf	20.845M	19.065M
6855MHz	Pass	Inf	21.78M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	39.93M	37.781M
6205MHz	Pass	Inf	39.6M	37.631M
6405MHz	Pass	Inf	39.38M	37.681M
6565MHz	Pass	Inf	39.6M	37.731M
6685MHz	Pass	Inf	40.48M	37.731M
6845MHz	Pass	Inf	39.82M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	80.96M	76.962M
6225MHz	Pass	Inf	81.18M	77.061M
6385MHz	Pass	Inf	80.3M	77.161M
6625MHz	Pass	Inf	80.96M	77.261M
6705MHz	Pass	Inf	82.06M	77.061M
6785MHz	Pass	Inf	81.4M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	161.48M	155.922M
6185MHz	Pass	Inf	163.24M	156.122M
6345MHz	Pass	Inf	163.68M	156.322M
6665MHz	Pass	Inf	163.24M	156.122M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	339.68M	315.442M
6265MHz	Pass	Inf	325.6M	313.843M

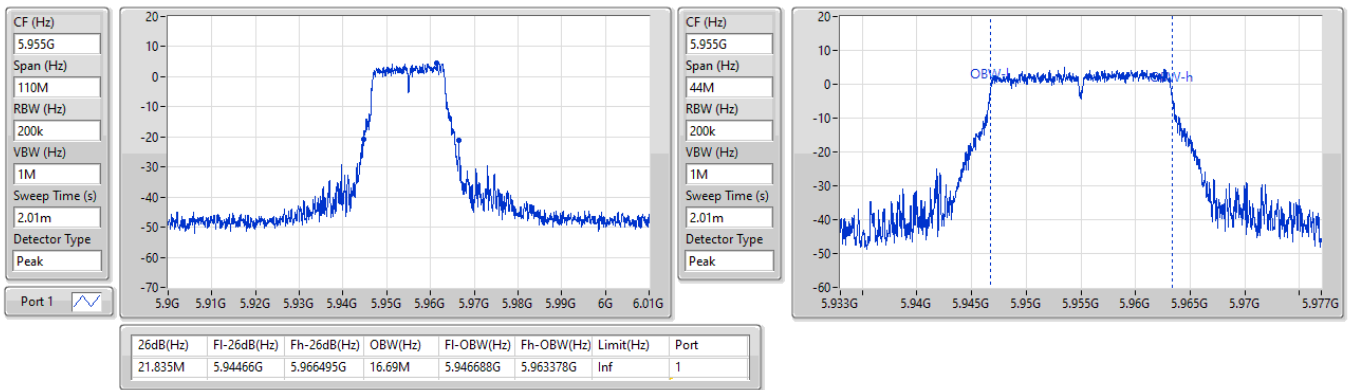
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5955MHz

06/05/2025

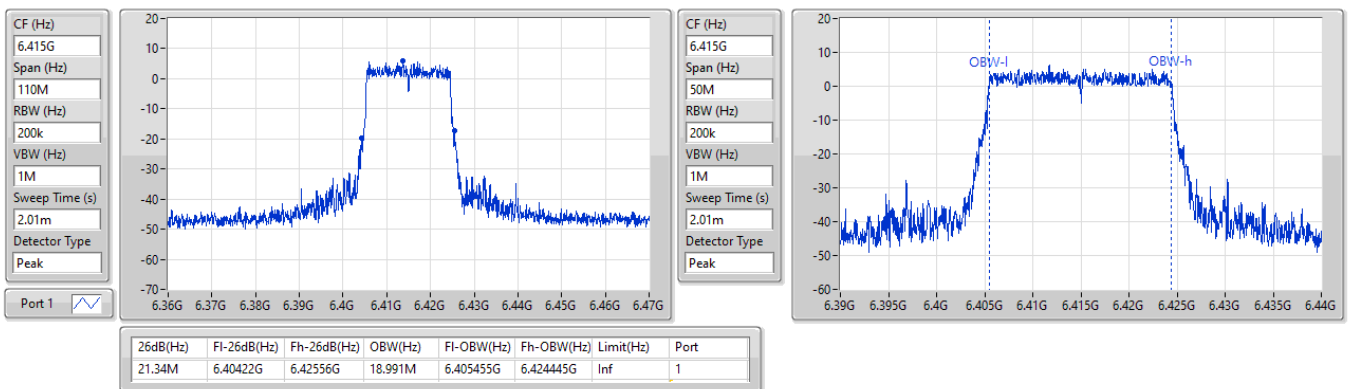


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6415MHz

06/05/2025



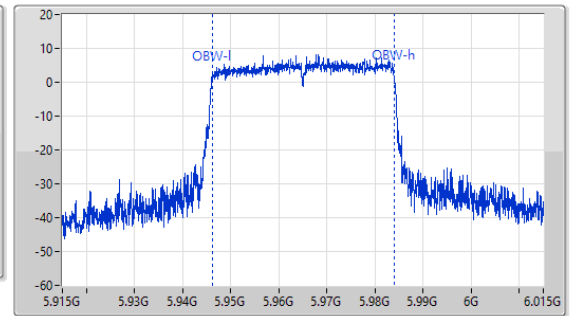
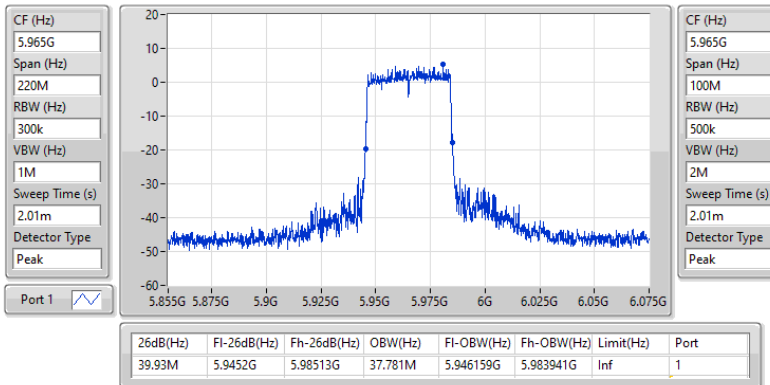


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5965MHz

06/05/2025

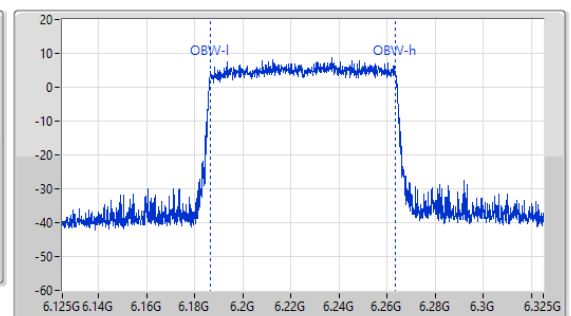
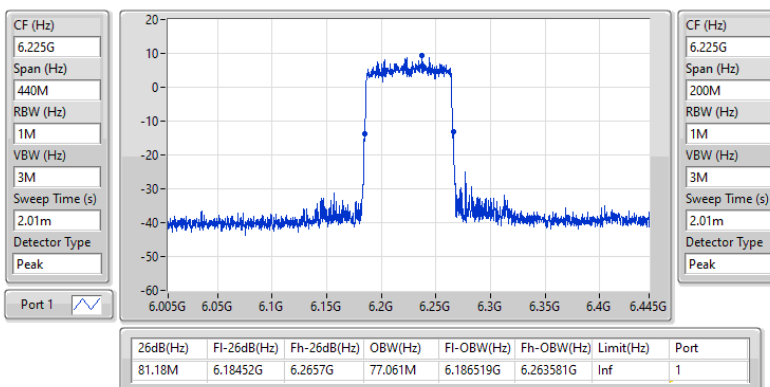


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6225MHz

06/05/2025

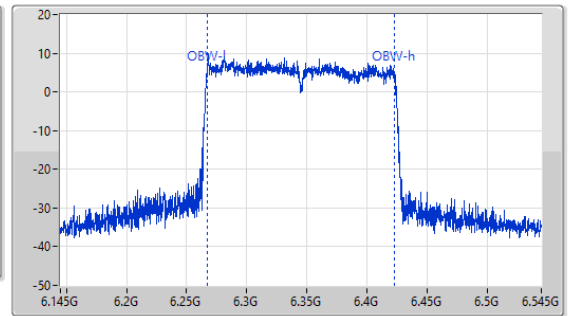
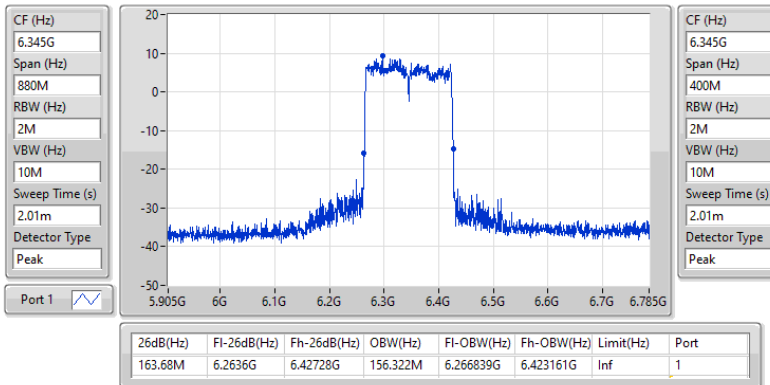


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6345MHz

06/05/2025

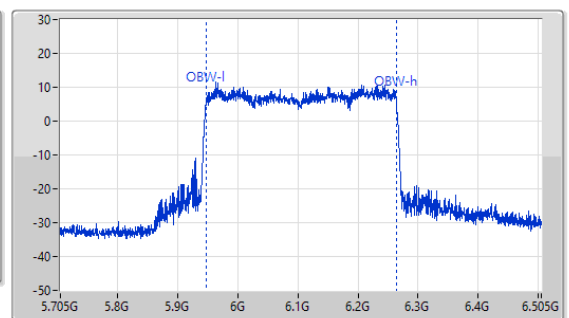
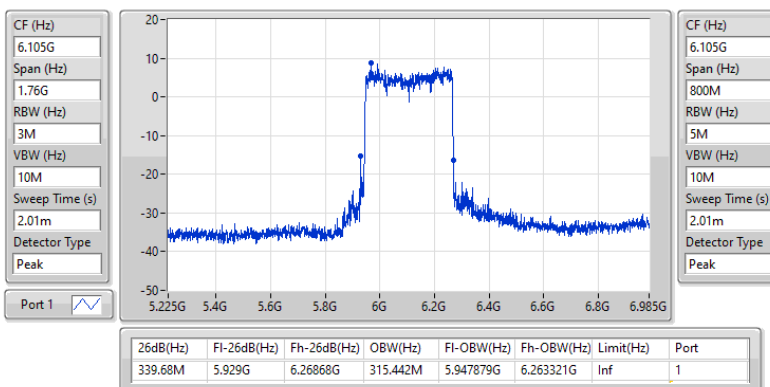


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6105MHz

06/05/2025



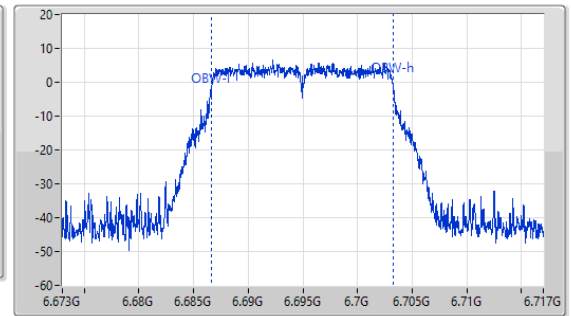
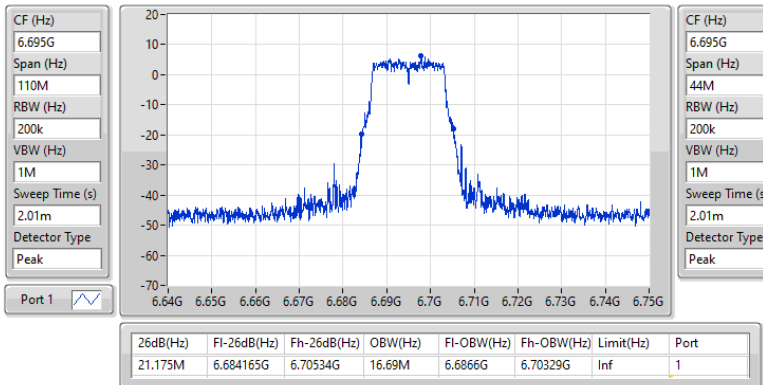


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6695MHz

06/05/2025

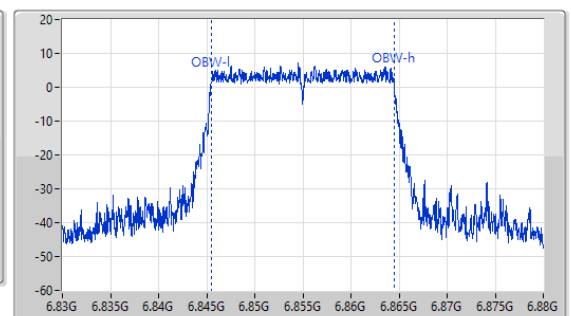
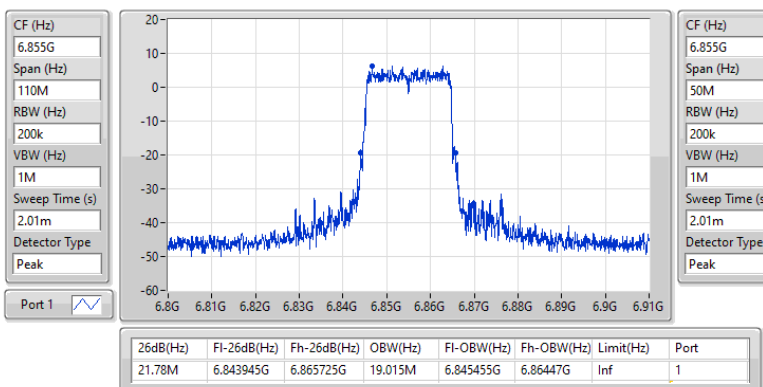


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6855MHz

06/05/2025



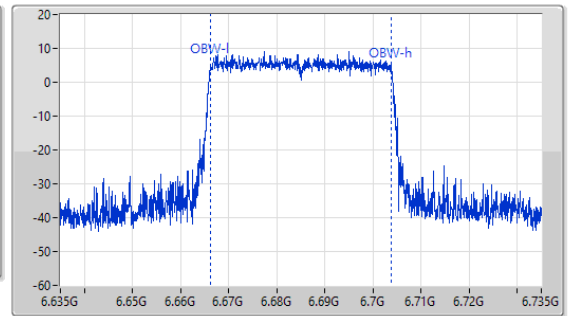
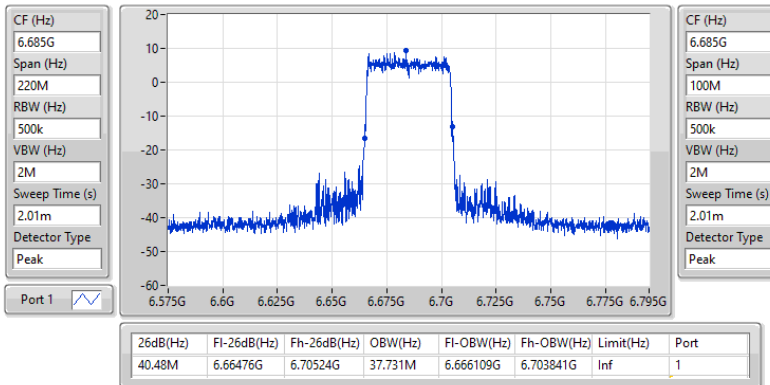


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6685MHz

06/05/2025

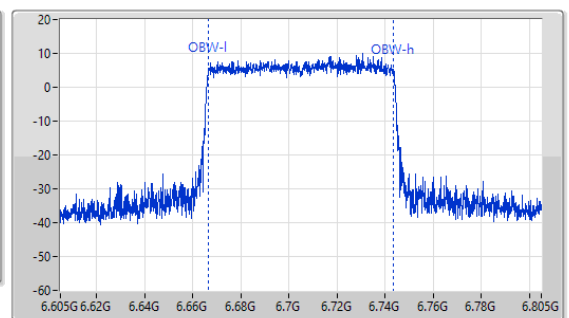
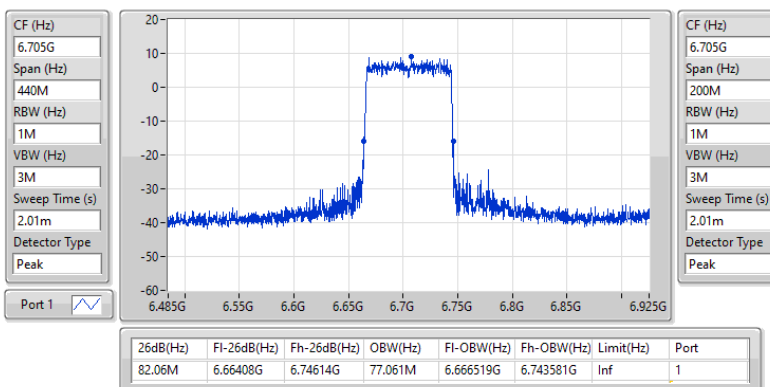


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6705MHz

06/05/2025



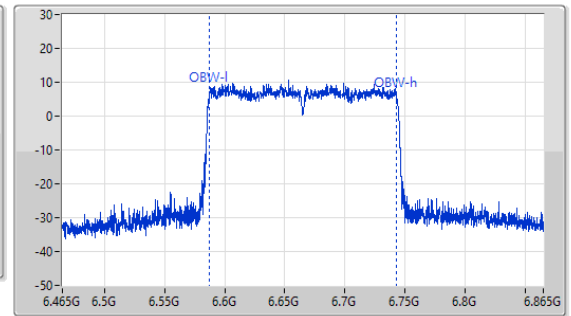
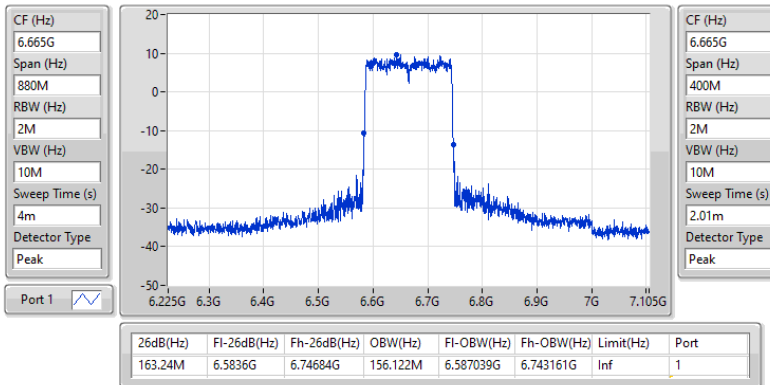


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

06/05/2025





**EBW_Non-Beamforming_
Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.16

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.23M	16.712M	16M7D1D	20.955M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	21.56M	19.04M	19M0D1D	20.79M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	40.7M	37.781M	37M8D1D	39.27M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.461M	77M5D1D	80.74M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	165M	156.522M	157MD1D	162.36M	155.322M
802.11be EHT320_Nss1,(MCS0)_2TX	326.48M	315.042M	315MD1D	324.72M	313.843M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.285M	16.712M	16M7D1D	20.515M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	21.505M	19.065M	19M1D1D	21.01M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	40.48M	37.731M	37M7D1D	40.04M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.261M	77M3D1D	80.08M	77.061M
802.11be EHT160_Nss1,(MCS0)_2TX	163.68M	156.322M	156MD1D	163.68M	156.122M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.16

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.065M	16.712M	21.065M	16.668M
6195MHz	Pass	Inf	20.955M	16.712M	21.065M	16.646M
6415MHz	Pass	Inf	21.12M	16.69M	21.23M	16.712M
6535MHz	Pass	Inf	21.23M	16.712M	21.01M	16.668M
6695MHz	Pass	Inf	21.285M	16.624M	20.955M	16.668M
6855MHz	Pass	Inf	20.515M	16.668M	21.065M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.34M	18.991M	21.23M	19.015M
6195MHz	Pass	Inf	21.285M	18.991M	21.56M	19.015M
6415MHz	Pass	Inf	21.12M	19.04M	20.79M	19.015M
6535MHz	Pass	Inf	21.34M	18.991M	21.395M	19.065M
6695MHz	Pass	Inf	21.395M	18.991M	21.285M	19.04M
6855MHz	Pass	Inf	21.01M	19.015M	21.505M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.27M	37.681M	39.27M	37.631M
6205MHz	Pass	Inf	40.7M	37.731M	40.26M	37.781M
6405MHz	Pass	Inf	39.38M	37.681M	39.6M	37.731M
6565MHz	Pass	Inf	40.26M	37.681M	40.04M	37.681M
6685MHz	Pass	Inf	40.37M	37.731M	40.15M	37.681M
6845MHz	Pass	Inf	40.26M	37.731M	40.48M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.74M	76.962M	80.74M	76.962M
6225MHz	Pass	Inf	81.62M	77.161M	81.84M	77.461M
6385MHz	Pass	Inf	80.74M	77.161M	81.84M	77.261M
6625MHz	Pass	Inf	81.4M	77.161M	80.08M	77.061M
6705MHz	Pass	Inf	81.4M	77.161M	81.18M	77.261M
6785MHz	Pass	Inf	81.18M	77.161M	81.84M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	162.36M	156.122M	163.24M	155.322M
6185MHz	Pass	Inf	162.8M	156.122M	163.24M	156.322M
6345MHz	Pass	Inf	163.24M	156.322M	165M	156.522M
6665MHz	Pass	Inf	163.68M	156.122M	163.68M	156.322M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	324.72M	315.042M	326.48M	315.042M
6265MHz	Pass	Inf	324.72M	313.843M	326.48M	314.243M

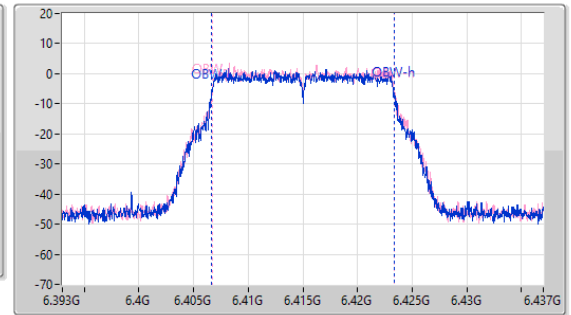
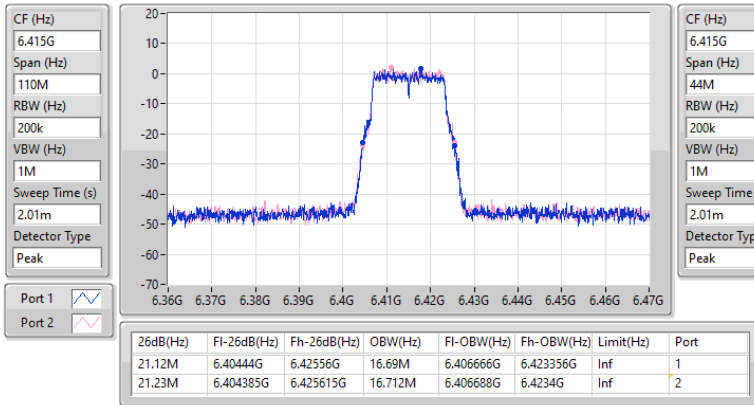
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6415MHz

06/05/2025

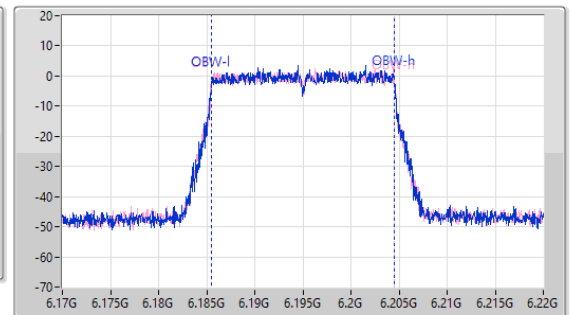
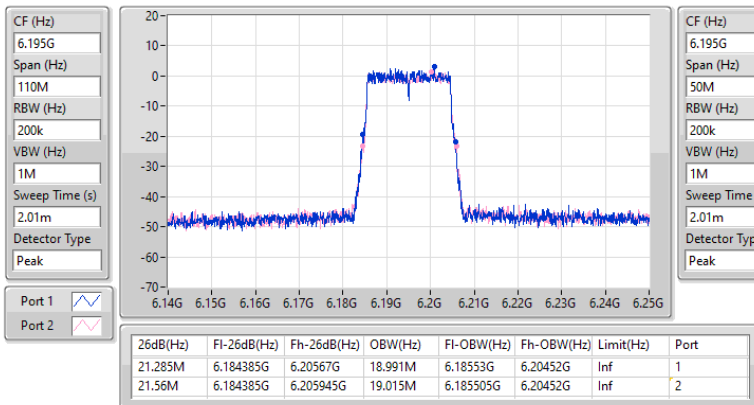


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6195MHz

06/05/2025



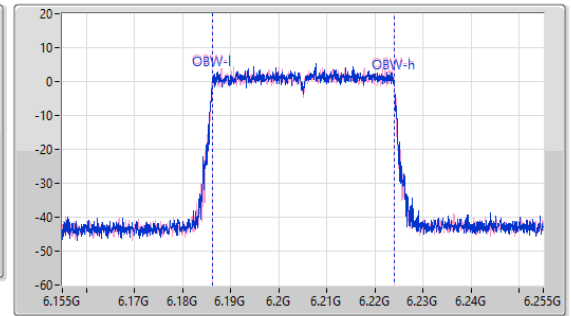
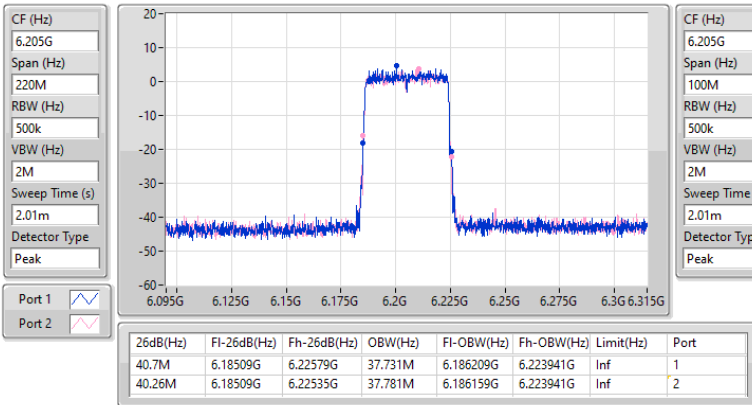


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6205MHz

07/05/2025

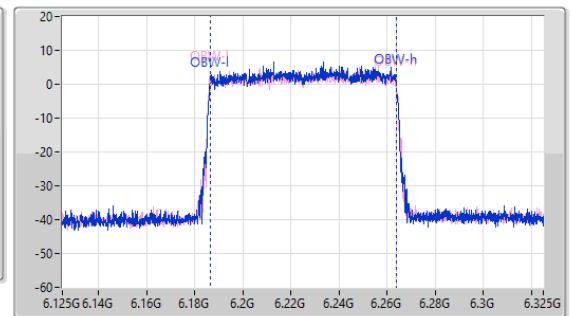
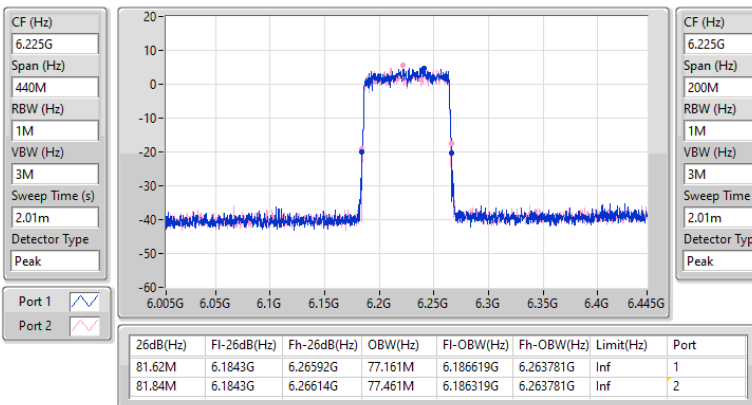


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

06/05/2025

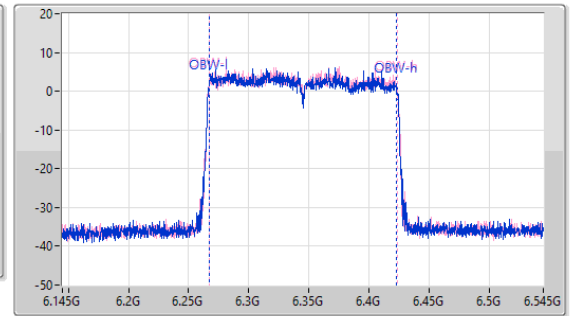
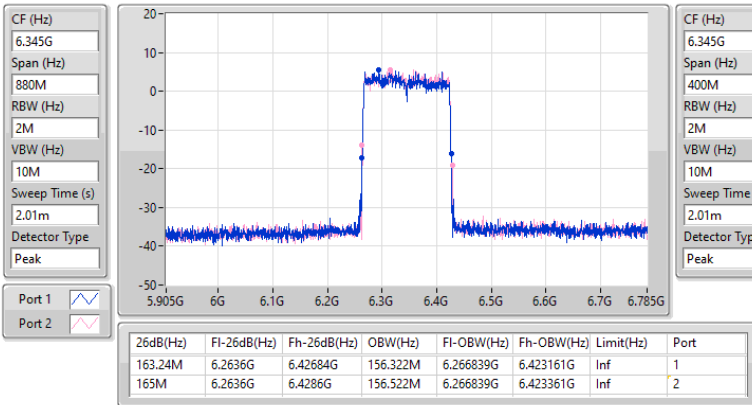


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6345MHz

06/05/2025

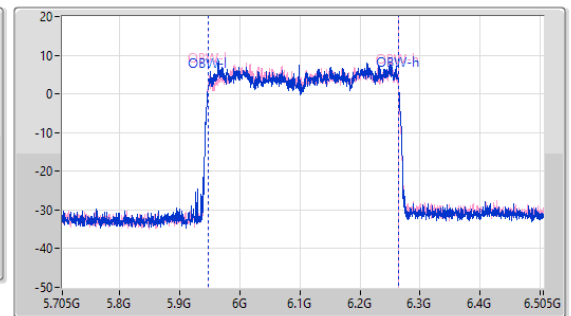
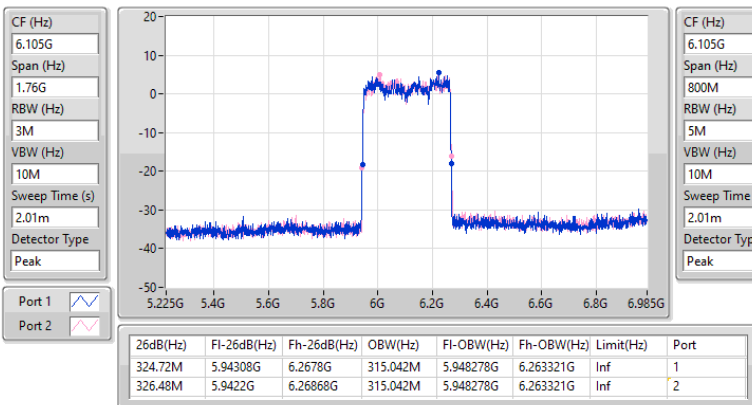


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

06/05/2025



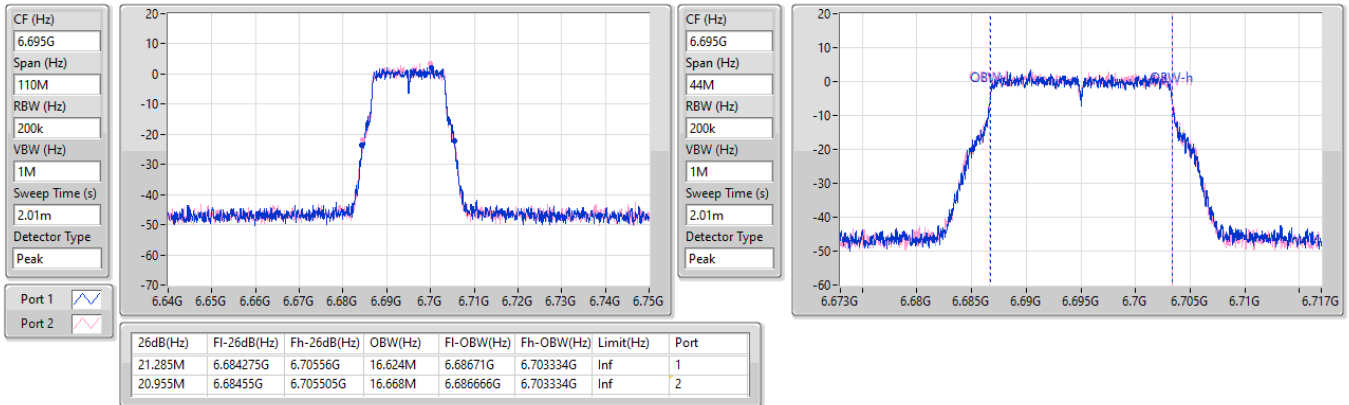


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6695MHz

06/05/2025

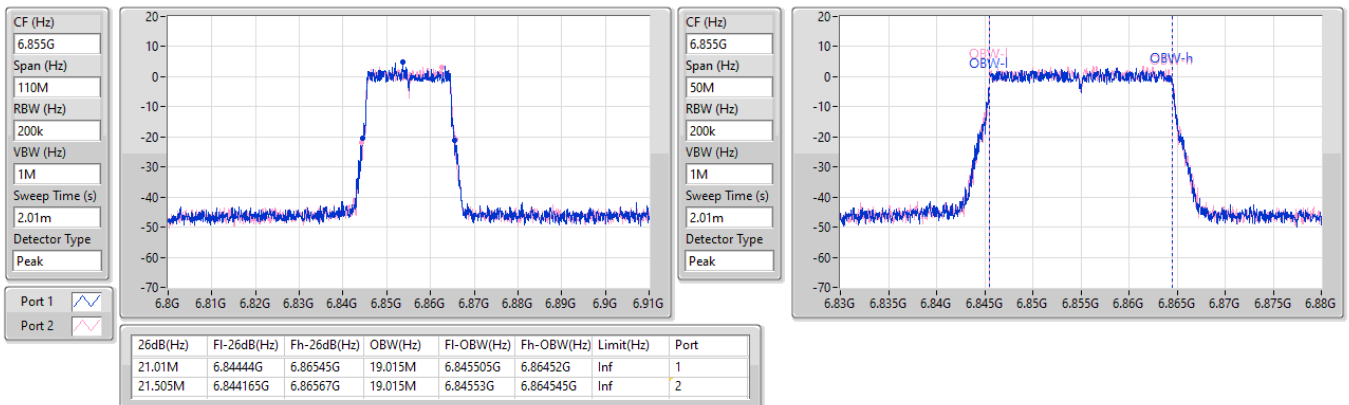


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6855MHz

06/05/2025

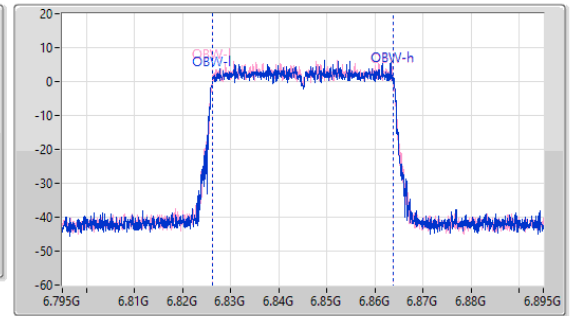
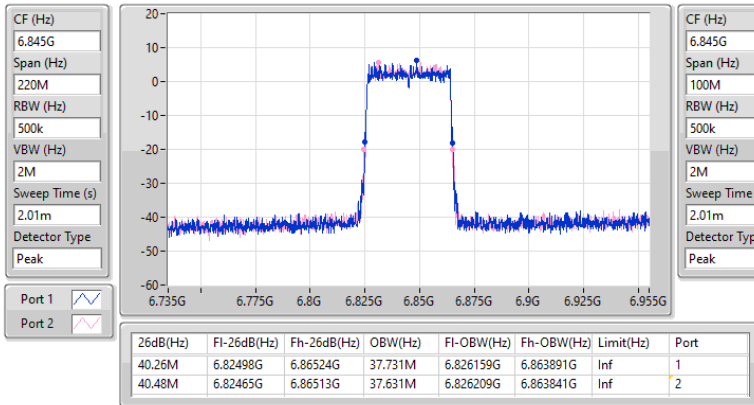


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6845MHz

06/05/2025

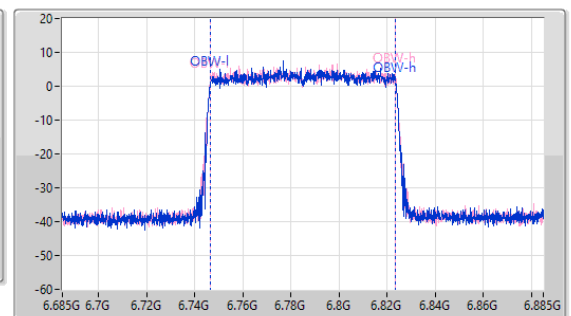
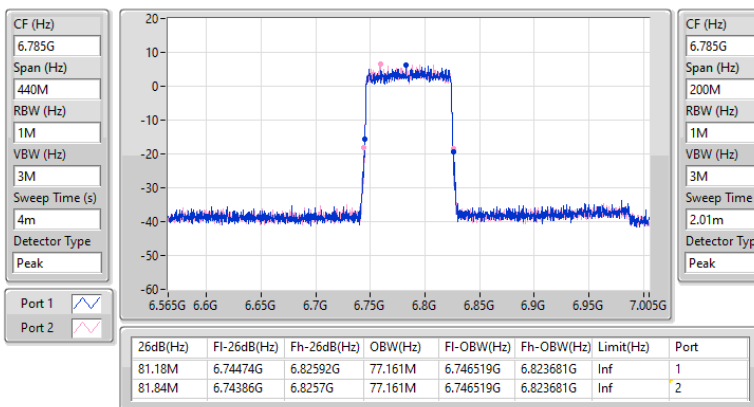


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

06/05/2025



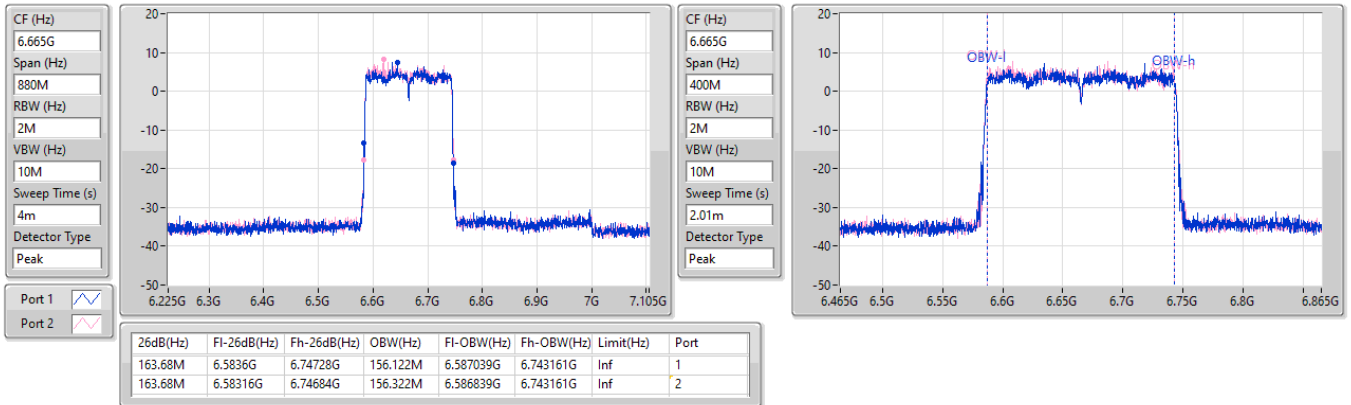


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

06/05/2025





**EBW_Non-Beamforming_
Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain**

Appendix B.17

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.34M	19.04M	19M0D1D	20.79M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	40.37M	37.731M	37M7D1D	40.04M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	81.84M	77.361M	77M4D1D	80.74M	76.862M
802.11be EHT160_Nss2,(MCS0)_2TX	165M	156.522M	157MD1D	162.36M	155.522M
802.11be EHT320_Nss2,(MCS0)_2TX	325.6M	315.842M	316MD1D	324.72M	313.843M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.395M	19.09M	19M1D1D	20.955M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	40.59M	37.731M	37M7D1D	39.38M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	81.62M	77.361M	77M4D1D	80.3M	77.061M
802.11be EHT160_Nss2,(MCS0)_2TX	164.12M	156.522M	157MD1D	162.8M	156.122M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth



**EBW_Non-Beamforming_
Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain**

Appendix B.17

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.79M	19.04M	21.285M	19.04M
6195MHz	Pass	Inf	21.34M	19.015M	21.23M	18.991M
6415MHz	Pass	Inf	20.9M	19.015M	21.12M	19.04M
6535MHz	Pass	Inf	21.065M	19.04M	21.395M	18.991M
6695MHz	Pass	Inf	20.955M	19.09M	21.23M	19.09M
6855MHz	Pass	Inf	21.395M	18.991M	21.34M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.15M	37.631M	40.04M	37.681M
6205MHz	Pass	Inf	40.37M	37.681M	40.04M	37.681M
6405MHz	Pass	Inf	40.04M	37.731M	40.04M	37.731M
6565MHz	Pass	Inf	40.59M	37.731M	40.26M	37.681M
6685MHz	Pass	Inf	39.38M	37.731M	39.93M	37.731M
6845MHz	Pass	Inf	39.71M	37.681M	39.6M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.74M	76.862M	80.96M	76.862M
6225MHz	Pass	Inf	80.74M	77.161M	81.84M	77.261M
6385MHz	Pass	Inf	81.4M	77.361M	81.4M	77.061M
6625MHz	Pass	Inf	81.18M	77.061M	80.3M	77.161M
6705MHz	Pass	Inf	81.62M	77.061M	81.18M	77.161M
6785MHz	Pass	Inf	81.18M	77.161M	81.18M	77.361M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.24M	155.922M	163.24M	155.522M
6185MHz	Pass	Inf	163.24M	156.122M	162.36M	156.522M
6345MHz	Pass	Inf	165M	156.122M	163.24M	156.122M
6665MHz	Pass	Inf	164.12M	156.122M	162.8M	156.522M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.842M	325.6M	315.442M
6265MHz	Pass	Inf	325.6M	313.843M	324.72M	315.442M

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