

FCC RADIO TEST REPORT

FCC ID : QXO-AP4060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP4060
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 Feb. 19, 2025, and testing was started from Apr. 15, 2025 and completed on Jul. 11, 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 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
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Report Template No.: HE1-D1-1 Ver2.8
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Report Version : 01



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	2TX
6.525-6.875GHz	802.11a	20	2TX
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



Band	Mode	BWch (MHz)	Nant
6.525-6.875GHz	802.11be EHT160	160	2TX
5.925-6.425GHz	802.11be EHT320	320	2TX

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**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	6172008GWA-1	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 2_5G
2	Sercomm	6172008GWA-2	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 2_5G
3	Sercomm	6172008GWA-3	Dipole	I-Pex	5G+6G	Radio 3_5GL/6G
4	Sercomm	6172008GWA-4	Dipole	I-Pex	5G+6G	Radio 3_5GL/6G
5	Sercomm	6172008GWA-8	PIFA	I-Pex	2.4G+5G+6G	Radio 1_Scan
6	Sercomm	6172008GWA-5	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_H
7	Sercomm	6172008GWA-6	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_V
8	Sercomm	6172008GWA-7	PIFA	I-Pex	BT+802.15.4	BLE_chain 0
9	Sercomm	6172008GWA-9	PIFA	I-Pex	GPS	GPS

Ant.	Port	Gain (dBi)												
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0	GPS
1	1	4.97	3.2	3.51	5.51	5.28	-	-	-	-	-	-	-	-
2	2	3.08	3.51	3.3	4.19	5.82	-	-	-	-	-	-	-	-
3	1	-	10.46	9.56	-	-	11.33	11.31	10.51	11.39	-	-	-	-
4	2	-	9.34	9.87	-	-	10.61	10.75	10.62	10.52	-	-	-	-
5	1	5.33	2.89	3.35	4.93	3.56	4.96	3.88	3.55	4.32	-	-	-	-
6	1	-	-	-	-	-	-	-	-	-	3.15	-	-	-
7	2	-	-	-	-	-	-	-	-	-	-	4.25	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	3.77	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	N/A

Ant.		Composite Gain (dBi)								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~2	DG [1SS]	5.62	4.5	5.67	6.92	6.42	-	-	-	-
	DG [2SS]	4.97	3.51	3.51	5.51	5.82	-	-	-	-
3~4	DG [1SS]	-	12.93	12.57	12.57	12.74	13.79	13.99	13.55	13.95
	DG [2SS]	-	10.46	9.87	9.72	9.82	11.33	11.31	10.62	11.39

Ant.	30 Degree Gain (dBi)			
	UNII-1	UNII-5	UNII-6	UNII-7
1~2	1.63	-	-	-
3~4	4.13	0.53	1.38	2.76



Note 1: The EUT has nine antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP512205-01.

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) 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.

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) 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.

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.

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.

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.

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.

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.

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

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 6(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.

For IEEE 802.15.4 mode (1TX/2RX) < **chain 1** >

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 6(port 1) and it was recorded in this test report.

**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	0.545	2.64	129.375u	10k
a80_Nss1,(6Mbps)_1TX	0.545	2.64	129.375u	10k
a160_Nss1,(6Mbps)_1TX	0.538	2.69	129.375u	10k

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

**Non-Beamforming_Radio 3_1T1S_Indoor**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	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	2.843m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.988	0.05	2.847m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.984	0.07	2.065m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.981	0.08	1.909m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.978	0.1	1.787m	1k

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

Non-Beamforming_Radio 3_2T2S_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	0.989	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	0.978	0.1	1.463m	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	0.549	2.6	129.688u	10k
a40_Nss1,(6Mbps)_1TX	0.547	2.62	129.688u	10k
a80_Nss1,(6Mbps)_1TX	0.545	2.64	129.375u	10k
a160_Nss1,(6Mbps)_1TX	0.536	2.71	129.375u	10k

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

**Non-Beamforming_Radio 3_1T1S_Outdoor_Peak Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.989	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.989	0.05	2.848m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.987	0.06	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Outdoor_Peak Gain

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	0.989	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	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_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.989	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.989	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_1TX	0.989	0.05	2.848m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 3_2T1S_Outdoor_30 Degree Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.984	0.07	2.065m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.981	0.08	1.909m	10Hz (DC>=0.98)
802.11be EHT320_Nss1,(MCS0)_2TX	0.978	0.1	1.787m	1k

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

Non-Beamforming_Radio 3_2T2S_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.989	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	0.978	0.1	1.463m	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.

Beamforming_Radio 3_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.981	0.08	1.909m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.978	0.1	1.787m	1k

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

Beamforming_Radio 3_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.987	0.06	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.847m	10Hz (DC>=0.98)

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



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 662911 D03 v02
- ♦ 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	Lego Lin	23.5~24.3°C / 52~56%	16/May/2025
Radiated (Co-location)	03CH02-HY	Daniel Lin	20.5~21.8°C / 59~63%	12/May/2025~13/May/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		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Edward Wang	20.6~23.4°C / 50~54%	15/Apr/2025~26/Apr/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
RF Conducted	TH06-HY	Johnny Yu	22.9~23.8°C / 57~64%	22/Apr/2025~11/Jul/2025



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Contention-Based Protocol	1 ms	Confidence levels of 95%
Frequency Stability	1.18 ppm	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	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	79
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
a40_Nss1,(6Mbps)_1TX	-
5965MHz	60
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
a80_Nss1,(6Mbps)_1TX	-
5985MHz	63
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
a160_Nss1,(6Mbps)_1TX	-
6025MHz	57
6185MHz	71
6345MHz	71
6665MHz	71

**Non-Beamforming_Radio 1_Scan_Outdoor**

Mode	Power Setting
a20_Nss1,(6Mbps)_1TX	-
5955MHz	60
6195MHz	62
6415MHz	66
6535MHz	72
6695MHz	68
6855MHz	68
a40_Nss1,(6Mbps)_1TX	-
5965MHz	58
6205MHz	61
6405MHz	65
6565MHz	71
6685MHz	67
6845MHz	67
a80_Nss1,(6Mbps)_1TX	-
5985MHz	60
6225MHz	62
6385MHz	65
6625MHz	69
6705MHz	68
6785MHz	67
a160_Nss1,(6Mbps)_1TX	-
6025MHz	57
6185MHz	62
6345MHz	65
6665MHz	69

**Radio 3**

Test Software Version	AccessMTool_REL_3_3_0_4
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Non-Beamforming_Radio 3_1T1S_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	79
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	71
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	70
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	68
6185MHz	80
6345MHz	80



Mode	Power Setting
6665MHz	80
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	71
6265MHz	80

Non-Beamforming_Radio 3_2T1S_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	76
6195MHz	75
6415MHz	79
6535MHz	74
6695MHz	77
6855MHz	77
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	74
6195MHz	73
6415MHz	80
6535MHz	76
6695MHz	79
6855MHz	79
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	67
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	67
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-



Mode	Power Setting
6025MHz	66
6185MHz	80
6345MHz	80
6665MHz	80
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	67
6265MHz	80

Non-Beamforming_Radio 3_2T2S_Indoor

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	74
6195MHz	77
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	70
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	67
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	74
6185MHz	80
6345MHz	80
6665MHz	80



Mode	Power Setting
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	73
6265MHz	80

Non-Beamforming_Radio 3_1T1S_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	36
6195MHz	37
6415MHz	40
6535MHz	40
6695MHz	41
6855MHz	41
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	35
6195MHz	36
6415MHz	39
6535MHz	37
6695MHz	40
6855MHz	40
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	35
6205MHz	36
6405MHz	39
6565MHz	40
6685MHz	40
6845MHz	40
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	33
6225MHz	36
6385MHz	38
6625MHz	40
6705MHz	39
6785MHz	41
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	35
6185MHz	36



Mode	Power Setting
6345MHz	36
6665MHz	40
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	35
6265MHz	37

Non-Beamforming_Radio 3_2T1S_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	23
6195MHz	25
6415MHz	28
6535MHz	26
6695MHz	27
6855MHz	28
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	21
6195MHz	23
6415MHz	26
6535MHz	23
6695MHz	26
6855MHz	27
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	22
6205MHz	23
6405MHz	26
6565MHz	24
6685MHz	25
6845MHz	27
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	21
6225MHz	21
6385MHz	23
6625MHz	25
6705MHz	24
6785MHz	27



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	21
6185MHz	22
6345MHz	23
6665MHz	26
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	22
6265MHz	23

Non-Beamforming_Radio 3_2T2S_Outdoor_Peak Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	22
6195MHz	23
6415MHz	25
6535MHz	24
6695MHz	27
6855MHz	27
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	22
6205MHz	23
6405MHz	27
6565MHz	24
6685MHz	26
6845MHz	26
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	20
6225MHz	21
6385MHz	24
6625MHz	25
6705MHz	25
6785MHz	27
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	22
6185MHz	23
6345MHz	24



Mode	Power Setting
6665MHz	26
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	23
6265MHz	23

Non-Beamforming_Radio 3_1T1S_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	70
6695MHz	72
6855MHz	72
802.11be EHT20_Nss1,(MCS0)_1TX	-
5955MHz	78
6195MHz	80
6415MHz	80
6535MHz	68
6695MHz	71
6855MHz	71
802.11be EHT40_Nss1,(MCS0)_1TX	-
5965MHz	71
6205MHz	80
6405MHz	80
6565MHz	71
6685MHz	70
6845MHz	71
802.11be EHT80_Nss1,(MCS0)_1TX	-
5985MHz	70
6225MHz	79
6385MHz	80
6625MHz	71
6705MHz	71
6785MHz	72
802.11be EHT160_Nss1,(MCS0)_1TX	-
6025MHz	68



Mode	Power Setting
6185MHz	80
6345MHz	80
6665MHz	71
802.11be EHT320_Nss1,(MCS0)_1TX	-
6105MHz	71
6265MHz	80

Non-Beamforming_Radio 3_2T1S_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	67
6195MHz	69
6415MHz	72
6535MHz	57
6695MHz	59
6855MHz	60
802.11be EHT20_Nss1,(MCS0)_2TX	-
5955MHz	65
6195MHz	67
6415MHz	71
6535MHz	56
6695MHz	58
6855MHz	58
802.11be EHT40_Nss1,(MCS0)_2TX	-
5965MHz	66
6205MHz	67
6405MHz	70
6565MHz	57
6685MHz	58
6845MHz	58
802.11be EHT80_Nss1,(MCS0)_2TX	-
5985MHz	66
6225MHz	66
6385MHz	69
6625MHz	59
6705MHz	57



Mode	Power Setting
6785MHz	59
802.11be EHT160_Nss1,(MCS0)_2TX	-
6025MHz	66
6185MHz	68
6345MHz	69
6665MHz	58
802.11be EHT320_Nss1,(MCS0)_2TX	-
6105MHz	67
6265MHz	68

Non-Beamforming_Radio 3_2T2S_Outdoor_30 Degree Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5955MHz	65
6195MHz	67
6415MHz	71
6535MHz	56
6695MHz	58
6855MHz	58
802.11be EHT40_Nss2,(MCS0)_2TX	-
5965MHz	67
6205MHz	68
6405MHz	71
6565MHz	57
6685MHz	58
6845MHz	58
802.11be EHT80_Nss2,(MCS0)_2TX	-
5985MHz	66
6225MHz	66
6385MHz	69
6625MHz	58
6705MHz	57
6785MHz	59
802.11be EHT160_Nss2,(MCS0)_2TX	-
6025MHz	66
6185MHz	68



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Mode	Power Setting
6345MHz	68
6665MHz	58
802.11be EHT320_Nss2,(MCS0)_2TX	-
6105MHz	68
6265MHz	68

**Beamforming_Radio 3 Indoor**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	72
6195MHz	72
6415MHz	75
6535MHz	70
6695MHz	73
6855MHz	73
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	67
6205MHz	72
6405MHz	74
6565MHz	73
6685MHz	73
6845MHz	73
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	67
6225MHz	70
6385MHz	74
6625MHz	73
6705MHz	72
6785MHz	75
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	66
6185MHz	73
6345MHz	74
6665MHz	75
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	67
6265MHz	74

**Beamforming_Radio 3_Outdoor**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5955MHz	11
6195MHz	13
6415MHz	17
6535MHz	12
6695MHz	14
6855MHz	15
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5965MHz	12
6205MHz	13
6405MHz	16
6565MHz	12
6685MHz	14
6845MHz	15
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5985MHz	11
6225MHz	12
6385MHz	14
6625MHz	14
6705MHz	12
6785MHz	15
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
6025MHz	11
6185MHz	13
6345MHz	13
6665MHz	14
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-
6105MHz	13
6265MHz	14

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.) Frequency Stability
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 1_Scan)	V (Radio 3)	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	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)
2	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)
3	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)
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(chain1)
5	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0)
6	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)
7	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain1)
8	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.: FA512205-01 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



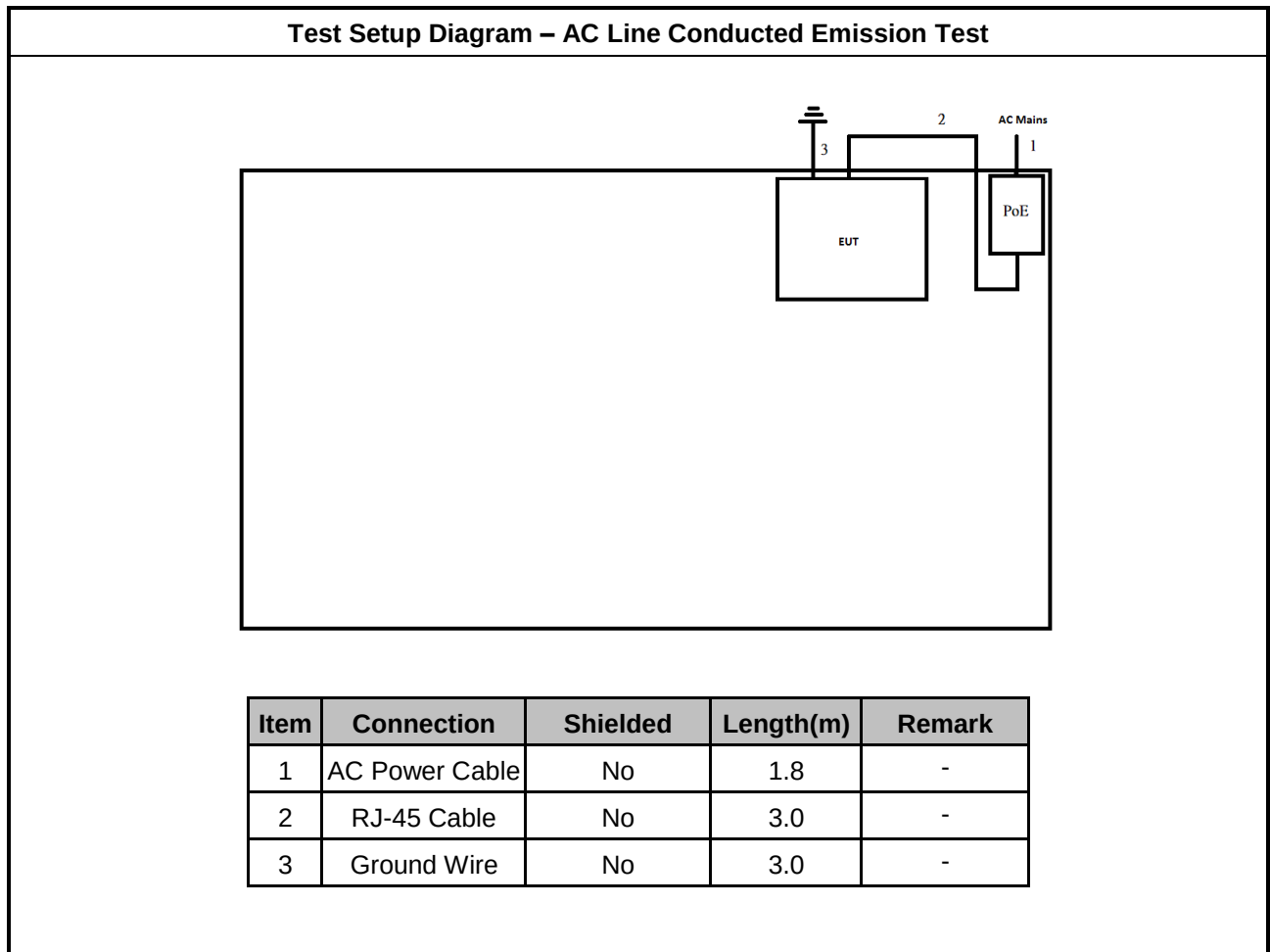
2.3 Support Equipment

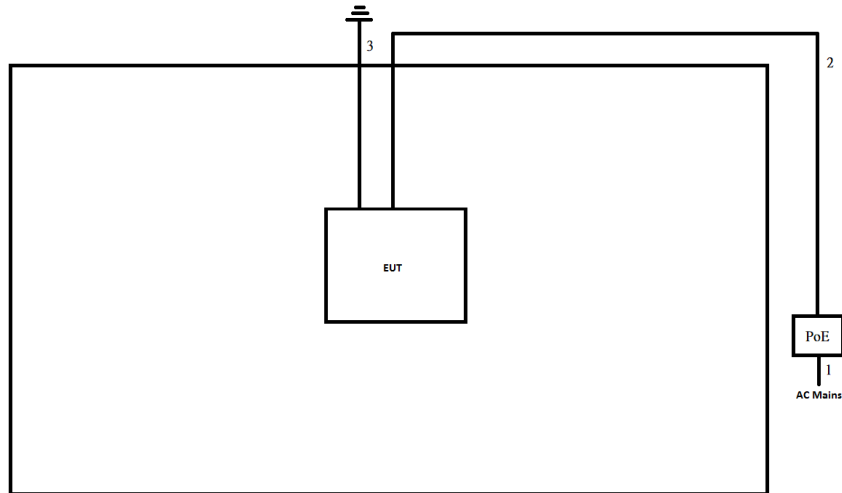
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Ground Wire	Sporton	Sporton	-	-
3	PoE	PHIHONG	POE60U-1BT-X	-	Provided by Customer
4	AC Power Cable	Power sync	PW-GPC180-3	-	-

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	-	Provided by Customer

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 - Radiated Test


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	-



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

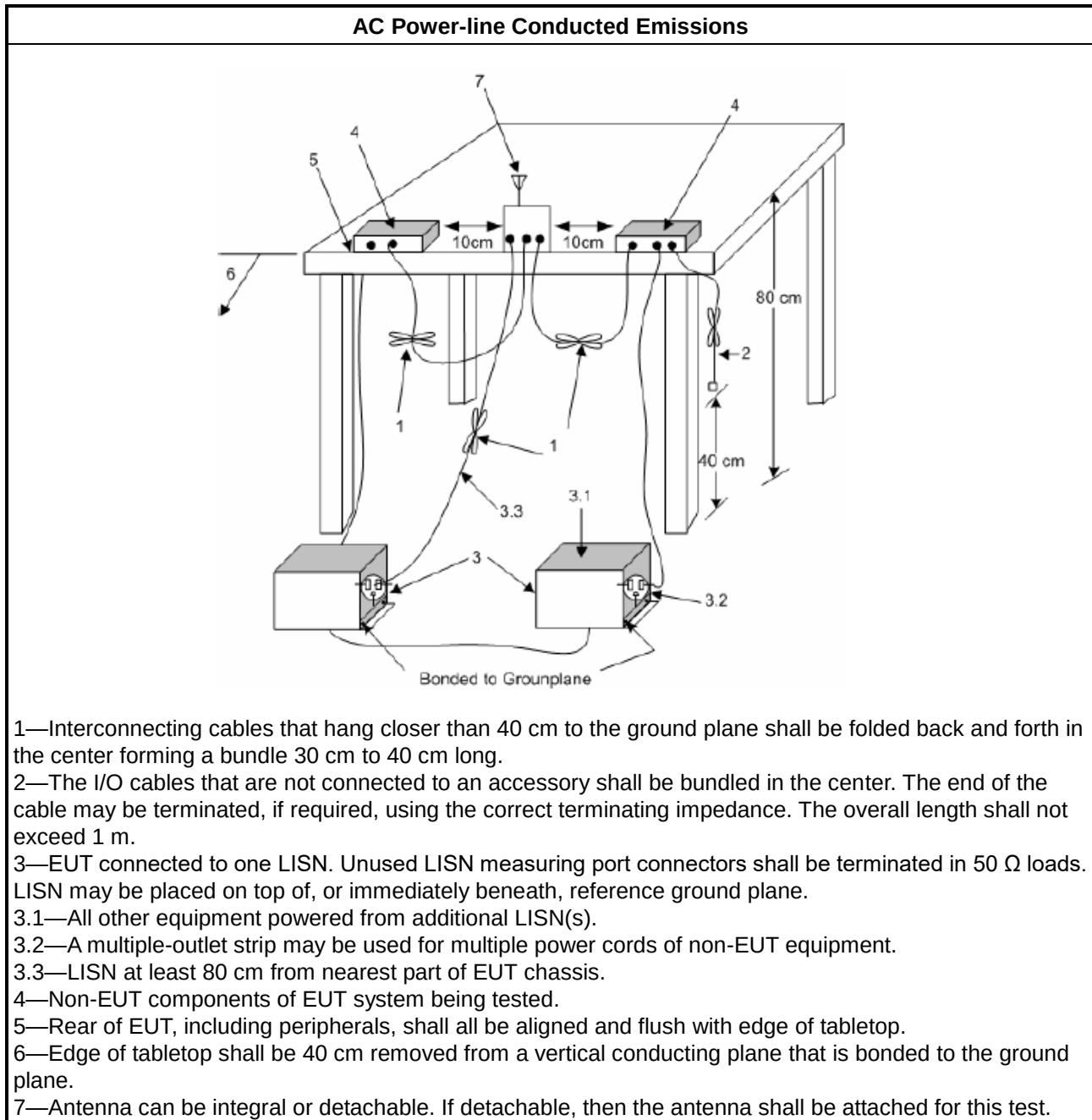
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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

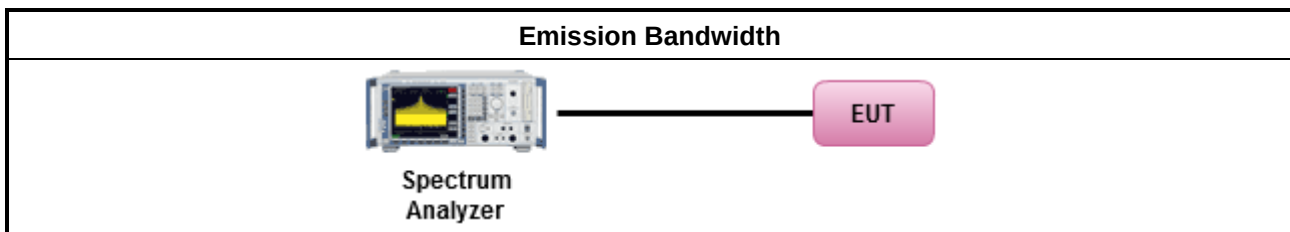
3.2.2 Measuring Instruments

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.

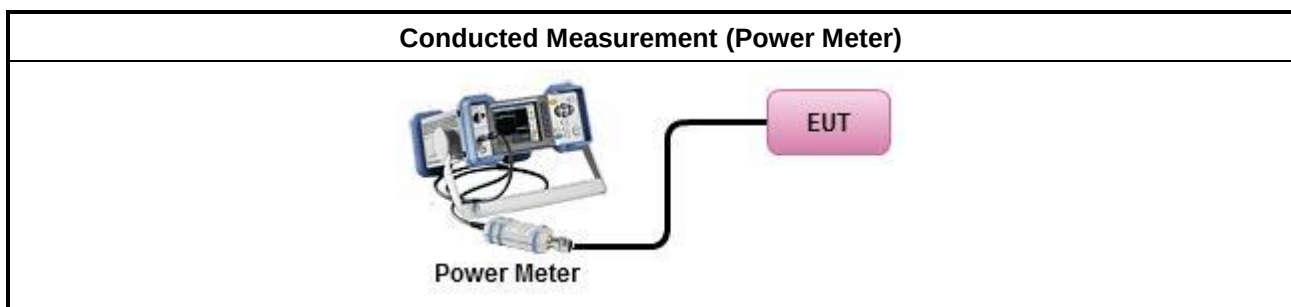
3.3.2 Measuring Instruments

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

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

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

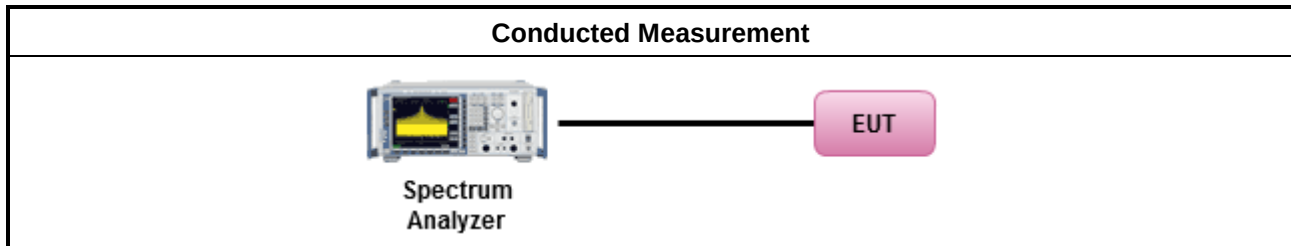
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, 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

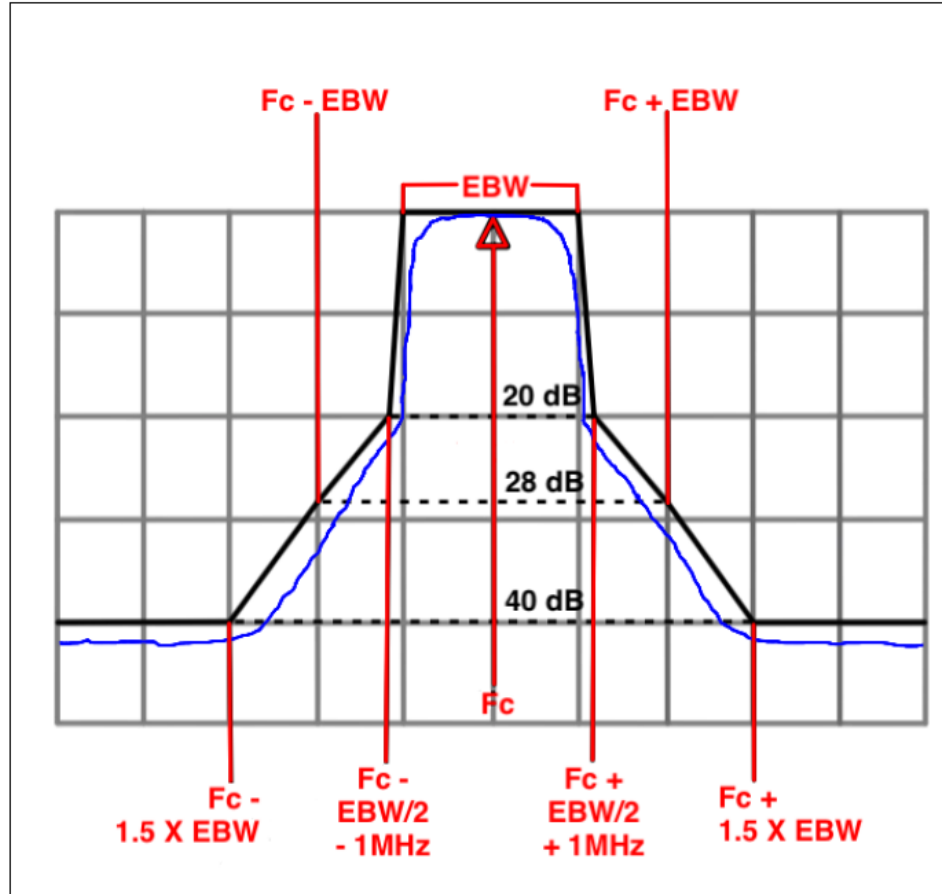
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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.	

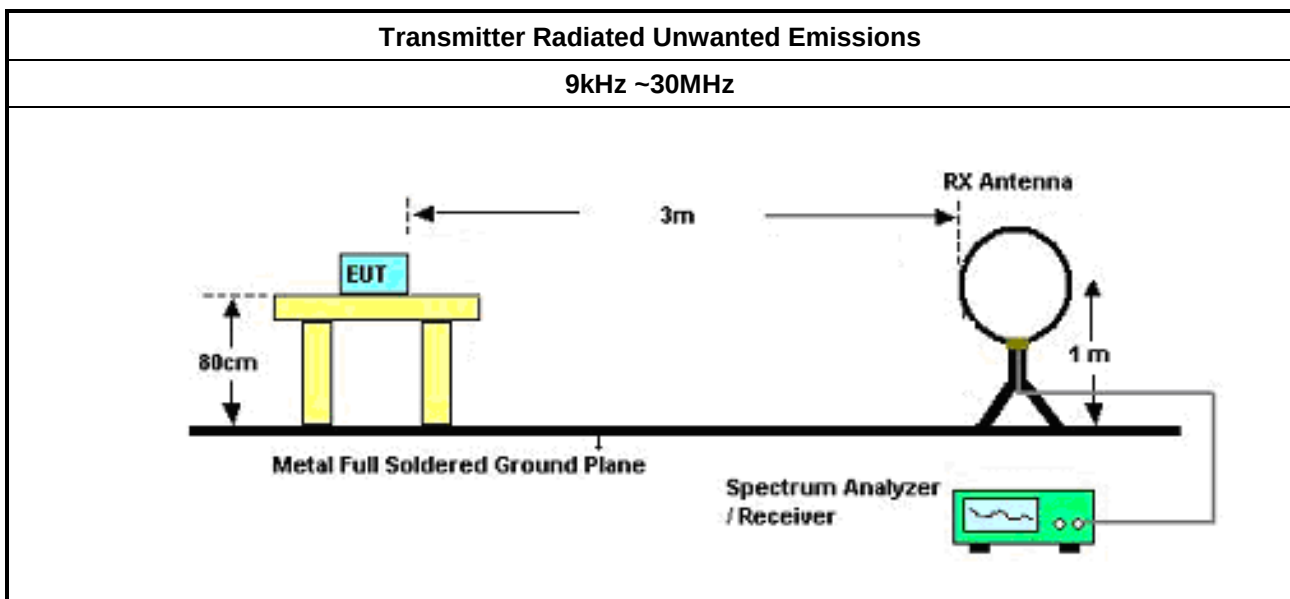
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber 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.

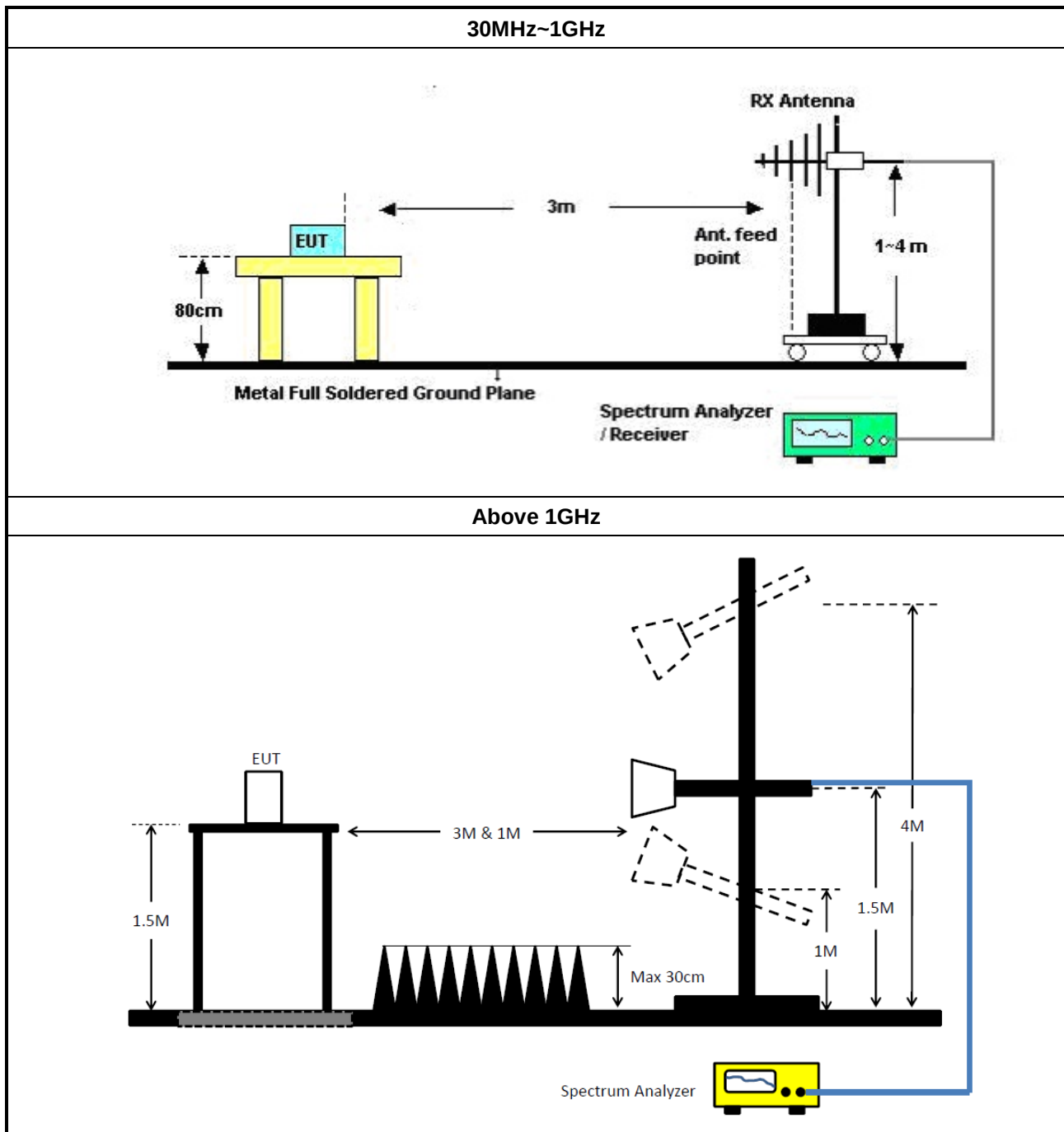
3.5.4 Measurement Results Calculation

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	ESR	102052	9kHz ~ 3.6GHz	14/May/2025	13/May/2026
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	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH09-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	07/Mar/2025	06/Mar/2026
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	19/Feb/2025	18/Feb/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	09/Apr/2025	08/Apr/2026
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Amplifier	EM	EM18G40G	060604	18GHz~40GHz	19/Apr/2024	18/Apr/2025
Amplifier	EM	EM18G40GA	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	R&S	FSP 40	100593	9kHz~40GHz	26/Mar/2025	25/Mar/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_Radio 1_Scan

Appendix A.1

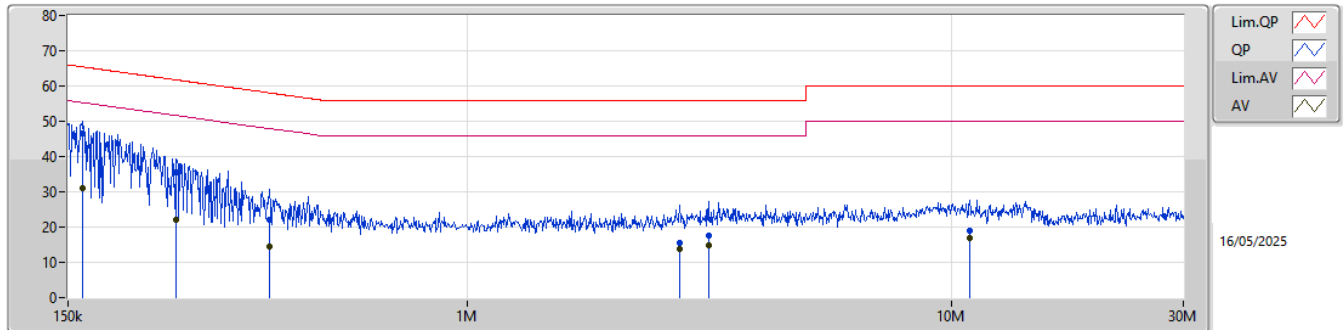
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	48.36	65.96	-17.60	Neutral

Result

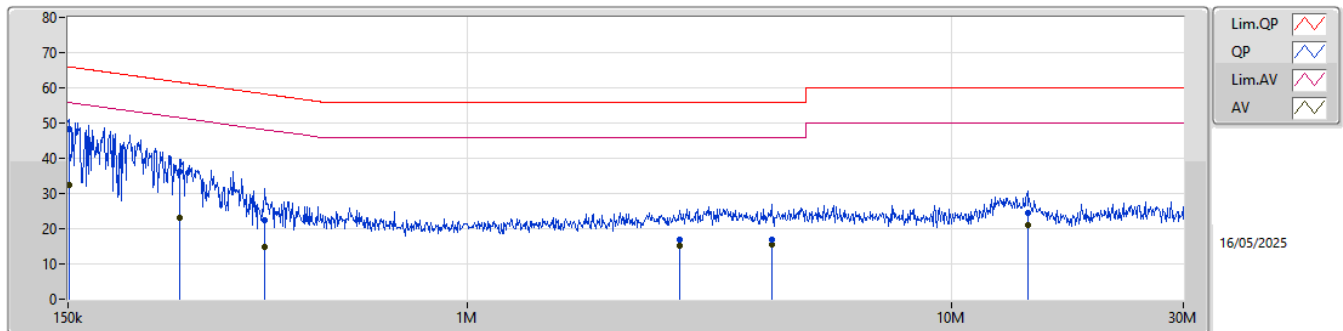
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	160.53k	46.50	65.43	-18.93	Line
Mode 1	Pass	AV	160.53k	30.91	55.43	-24.52	Line
Mode 1	Pass	QP	251.04k	35.68	61.72	-26.04	Line
Mode 1	Pass	AV	251.04k	22.01	51.72	-29.71	Line
Mode 1	Pass	QP	391.01k	21.97	58.05	-36.08	Line
Mode 1	Pass	AV	391.01k	14.50	48.05	-33.55	Line
Mode 1	Pass	QP	2.74M	15.68	56.00	-40.32	Line
Mode 1	Pass	AV	2.74M	13.89	46.00	-32.11	Line
Mode 1	Pass	QP	3.14M	17.49	56.00	-38.51	Line
Mode 1	Pass	AV	3.14M	14.83	46.00	-31.17	Line
Mode 1	Pass	QP	10.87M	18.85	60.00	-41.15	Line
Mode 1	Pass	AV	10.87M	16.88	50.00	-33.12	Line
Mode 1	Pass	QP	150.6k	48.36	65.96	-17.60	Neutral
Mode 1	Pass	AV	150.6k	32.35	55.96	-23.61	Neutral
Mode 1	Pass	QP	255.08k	36.09	61.58	-25.49	Neutral
Mode 1	Pass	AV	255.08k	23.15	51.58	-28.43	Neutral
Mode 1	Pass	QP	381.75k	22.57	58.24	-35.67	Neutral
Mode 1	Pass	AV	381.75k	14.76	48.24	-33.48	Neutral
Mode 1	Pass	QP	2.74M	17.03	56.00	-38.97	Neutral
Mode 1	Pass	AV	2.74M	15.01	46.00	-30.99	Neutral
Mode 1	Pass	QP	4.24M	17.02	56.00	-38.98	Neutral
Mode 1	Pass	AV	4.24M	15.56	46.00	-30.44	Neutral
Mode 1	Pass	QP	14.32M	24.52	60.00	-35.48	Neutral
Mode 1	Pass	AV	14.32M	20.92	50.00	-29.08	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	160.53k	46.50	65.43	-18.93	19.61	Line	-	26.89	9.63	0.01	9.97						
AV	160.53k	30.91	55.43	-24.52	19.61	Line	-	11.30	9.63	0.01	9.97						
QP	251.04k	35.68	61.72	-26.04	19.62	Line	-	16.06	9.63	0.02	9.97						
AV	251.04k	22.01	51.72	-29.71	19.62	Line	-	2.39	9.63	0.02	9.97						
QP	391.01k	21.97	58.05	-36.08	19.64	Line	-	2.33	9.63	0.03	9.98						
AV	391.01k	14.50	48.05	-33.55	19.64	Line	-	-5.14	9.63	0.03	9.98						
QP	2.74M	15.68	56.00	-40.32	19.67	Line	-	-3.99	9.66	0.04	9.97						
AV	2.74M	13.89	46.00	-32.11	19.67	Line	-	-5.78	9.66	0.04	9.97						
QP	3.14M	17.49	56.00	-38.51	19.69	Line	-	-2.20	9.67	0.04	9.98						
AV	3.14M	14.83	46.00	-31.17	19.69	Line	-	-4.86	9.67	0.04	9.98						
QP	10.87M	18.85	60.00	-41.15	20.01	Line	-	-1.16	9.78	0.25	9.98						
AV	10.87M	16.88	50.00	-33.12	20.01	Line	-	-3.13	9.78	0.25	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	150.6k	48.36	65.96	-17.60	19.71	Neutral	-	28.65	9.73	0.01	9.97						
AV	150.6k	32.35	55.96	-23.61	19.71	Neutral	-	12.64	9.73	0.01	9.97						
QP	255.08k	36.09	61.58	-25.49	19.71	Neutral	-	16.38	9.72	0.02	9.97						
AV	255.08k	23.15	51.58	-28.43	19.71	Neutral	-	3.44	9.72	0.02	9.97						
QP	381.75k	22.57	58.24	-35.67	19.72	Neutral	-	2.85	9.71	0.03	9.98						
AV	381.75k	14.76	48.24	-33.48	19.72	Neutral	-	-4.96	9.71	0.03	9.98						
QP	2.74M	17.03	56.00	-38.97	19.77	Neutral	-	-2.74	9.76	0.04	9.97						
AV	2.74M	15.01	46.00	-30.99	19.77	Neutral	-	-4.76	9.76	0.04	9.97						
QP	4.24M	17.02	56.00	-38.98	19.84	Neutral	-	-2.82	9.80	0.06	9.98						
AV	4.24M	15.56	46.00	-30.44	19.84	Neutral	-	-4.28	9.80	0.06	9.98						
QP	14.32M	24.52	60.00	-35.48	20.29	Neutral	-	4.23	10.03	0.28	9.98						
AV	14.32M	20.92	50.00	-29.08	20.29	Neutral	-	0.63	10.03	0.28	9.98						



Conducted Emissions at Powerline_Radio 3

Appendix A.2

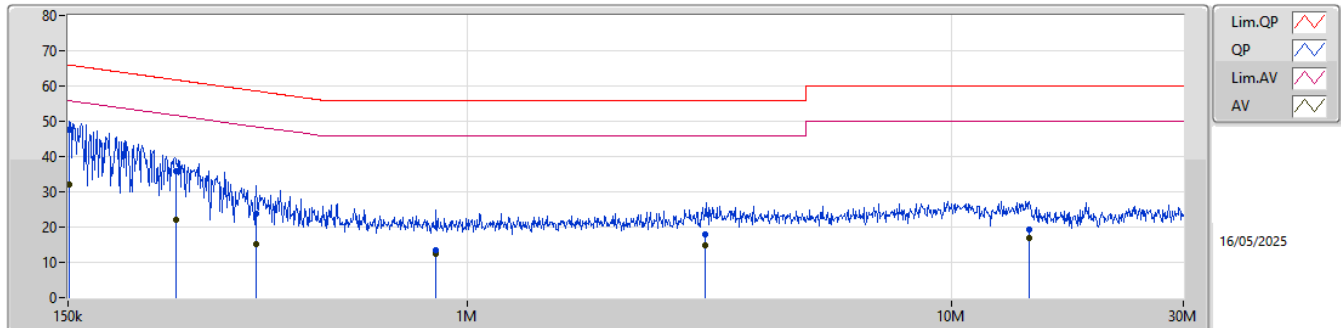
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	48.27	65.96	-17.69	Neutral

Result

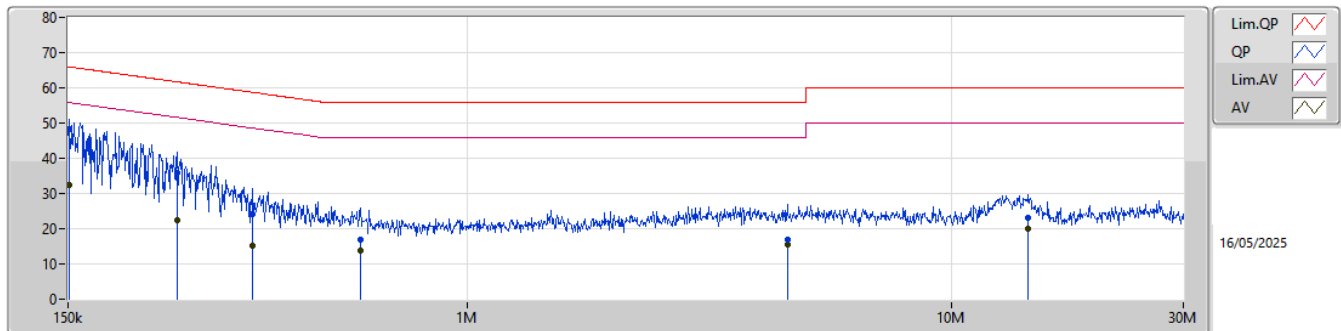
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.2k	47.62	65.92	-18.30	Line
Mode 1	Pass	AV	151.2k	32.07	55.92	-23.85	Line
Mode 1	Pass	QP	250.04k	35.92	61.76	-25.84	Line
Mode 1	Pass	AV	250.04k	22.06	51.76	-29.70	Line
Mode 1	Pass	QP	366.81k	23.68	58.58	-34.90	Line
Mode 1	Pass	AV	366.81k	15.09	48.58	-33.49	Line
Mode 1	Pass	QP	861.9k	13.34	56.00	-42.66	Line
Mode 1	Pass	AV	861.9k	12.40	46.00	-33.60	Line
Mode 1	Pass	QP	3.1M	17.78	56.00	-38.22	Line
Mode 1	Pass	AV	3.1M	14.94	46.00	-31.06	Line
Mode 1	Pass	QP	14.44M	19.41	60.00	-40.59	Line
Mode 1	Pass	AV	14.44M	16.88	50.00	-33.12	Line
Mode 1	Pass	QP	150.6k	48.27	65.96	-17.69	Neutral
Mode 1	Pass	AV	150.6k	32.25	55.96	-23.71	Neutral
Mode 1	Pass	QP	252.04k	35.90	61.70	-25.80	Neutral
Mode 1	Pass	AV	252.04k	22.41	51.70	-29.29	Neutral
Mode 1	Pass	QP	361k	24.06	58.70	-34.64	Neutral
Mode 1	Pass	AV	361k	15.20	48.70	-33.50	Neutral
Mode 1	Pass	QP	601.76k	16.97	56.00	-39.03	Neutral
Mode 1	Pass	AV	601.76k	13.69	46.00	-32.31	Neutral
Mode 1	Pass	QP	4.57M	17.06	56.00	-38.94	Neutral
Mode 1	Pass	AV	4.57M	15.56	46.00	-30.44	Neutral
Mode 1	Pass	QP	14.38M	23.21	60.00	-36.79	Neutral
Mode 1	Pass	AV	14.38M	20.00	50.00	-30.00	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	151.2k	47.62	65.92	-18.30	19.61	Line	-	28.01	9.63	0.01	9.97						
AV	151.2k	32.07	55.92	-23.85	19.61	Line	-	12.46	9.63	0.01	9.97						
QP	250.04k	35.92	61.76	-25.84	19.62	Line	-	16.30	9.63	0.02	9.97						
AV	250.04k	22.06	51.76	-29.70	19.62	Line	-	2.44	9.63	0.02	9.97						
QP	366.81k	23.68	58.58	-34.90	19.64	Line	-	4.04	9.63	0.03	9.98						
AV	366.81k	15.09	48.58	-33.49	19.64	Line	-	-4.55	9.63	0.03	9.98						
QP	861.9k	13.34	56.00	-42.66	19.67	Line	-	-6.33	9.64	0.05	9.98						
AV	861.9k	12.40	46.00	-33.60	19.67	Line	-	-7.27	9.64	0.05	9.98						
QP	3.1M	17.78	56.00	-38.22	19.69	Line	-	-1.91	9.67	0.04	9.98						
AV	3.1M	14.94	46.00	-31.06	19.69	Line	-	-4.75	9.67	0.04	9.98						
QP	14.44M	19.41	60.00	-40.59	20.05	Line	-	-0.64	9.79	0.28	9.98						
AV	14.44M	16.88	50.00	-33.12	20.05	Line	-	-3.17	9.79	0.28	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	150.6k	48.27	65.96	-17.69	19.71	Neutral	-	28.56	9.73	0.01	9.97						
AV	150.6k	32.25	55.96	-23.71	19.71	Neutral	-	12.54	9.73	0.01	9.97						
QP	252.04k	35.90	61.70	-25.80	19.71	Neutral	-	16.19	9.72	0.02	9.97						
AV	252.04k	22.41	51.70	-29.29	19.71	Neutral	-	2.70	9.72	0.02	9.97						
QP	361k	24.06	58.70	-34.64	19.72	Neutral	-	4.34	9.71	0.03	9.98						
AV	361k	15.20	48.70	-33.50	19.72	Neutral	-	-4.52	9.71	0.03	9.98						
QP	601.76k	16.97	56.00	-39.03	19.73	Neutral	-	-2.76	9.71	0.04	9.98						
AV	601.76k	13.69	46.00	-32.31	19.73	Neutral	-	-6.04	9.71	0.04	9.98						
QP	4.57M	17.06	56.00	-38.94	19.87	Neutral	-	-2.81	9.81	0.08	9.98						
AV	4.57M	15.56	46.00	-30.44	19.87	Neutral	-	-4.31	9.81	0.08	9.98						
QP	14.38M	23.21	60.00	-36.79	20.29	Neutral	-	2.92	10.03	0.28	9.98						
AV	14.38M	20.00	50.00	-30.00	20.29	Neutral	-	-0.29	10.03	0.28	9.98						

**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	46.53M	27.786M	27M8D1D	42.405M	25.787M
a40_Nss1,(6Mbps)_1TX	105.71M	67.416M	67M4D1D	76.12M	37.081M
a80_Nss1,(6Mbps)_1TX	195.8M	113.643M	114MD1D	168.74M	76.462M
a160_Nss1,(6Mbps)_1TX	319M	251.074M	251MD1D	316.36M	156.322M
6.525-6.875GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	44.605M	28.436M	28M4D1D	40.92M	25.487M
a40_Nss1,(6Mbps)_1TX	114.84M	69.765M	69M8D1D	89.54M	64.868M
a80_Nss1,(6Mbps)_1TX	196.02M	115.242M	115MD1D	195.36M	112.544M
a160_Nss1,(6Mbps)_1TX	316.36M	239.28M	239MD1D	316.36M	239.28M

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	42.405M	26.337M
6195MHz	Pass	Inf	46.53M	27.786M
6415MHz	Pass	Inf	43.615M	25.787M
6535MHz	Pass	Inf	40.92M	26.037M
6695MHz	Pass	Inf	43.23M	25.487M
6855MHz	Pass	Inf	44.605M	28.436M
a40_Nss1,(6Mbps)_1TX	-	-	-	-
5965MHz	Pass	Inf	76.12M	37.081M
6205MHz	Pass	Inf	105.71M	67.416M
6405MHz	Pass	Inf	103.18M	65.467M
6565MHz	Pass	Inf	89.54M	64.868M
6685MHz	Pass	Inf	96.8M	66.217M
6845MHz	Pass	Inf	114.84M	69.765M
a80_Nss1,(6Mbps)_1TX	-	-	-	-
5985MHz	Pass	Inf	168.74M	76.462M
6225MHz	Pass	Inf	195.14M	113.643M
6385MHz	Pass	Inf	195.8M	109.645M
6625MHz	Pass	Inf	195.36M	113.043M
6705MHz	Pass	Inf	196.02M	112.544M
6785MHz	Pass	Inf	196.02M	115.242M
a160_Nss1,(6Mbps)_1TX	-	-	-	-
6025MHz	Pass	Inf	316.36M	156.322M
6185MHz	Pass	Inf	319M	242.279M
6345MHz	Pass	Inf	319M	251.074M
6665MHz	Pass	Inf	316.36M	239.28M

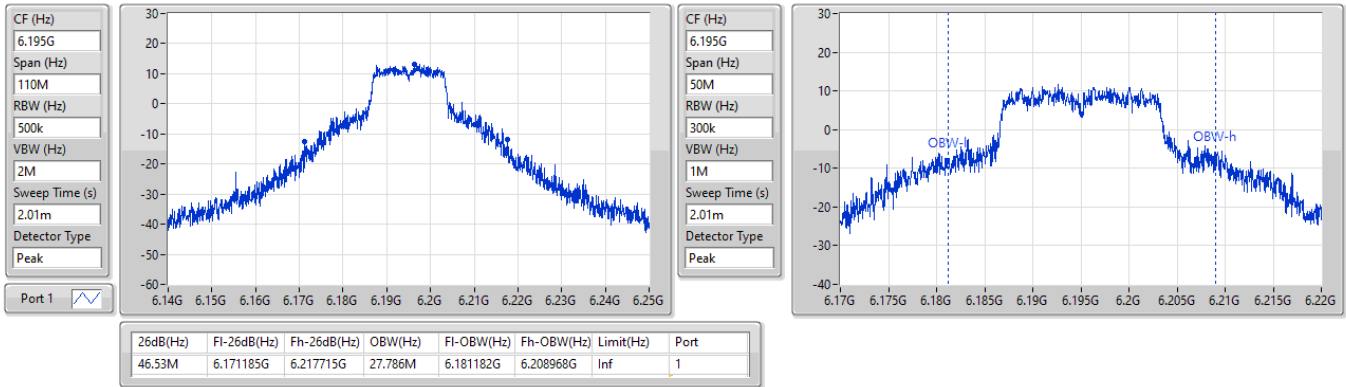
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_a20_Nss1,(6Mbps)_1TX

EBW

6195MHz

11/07/2025

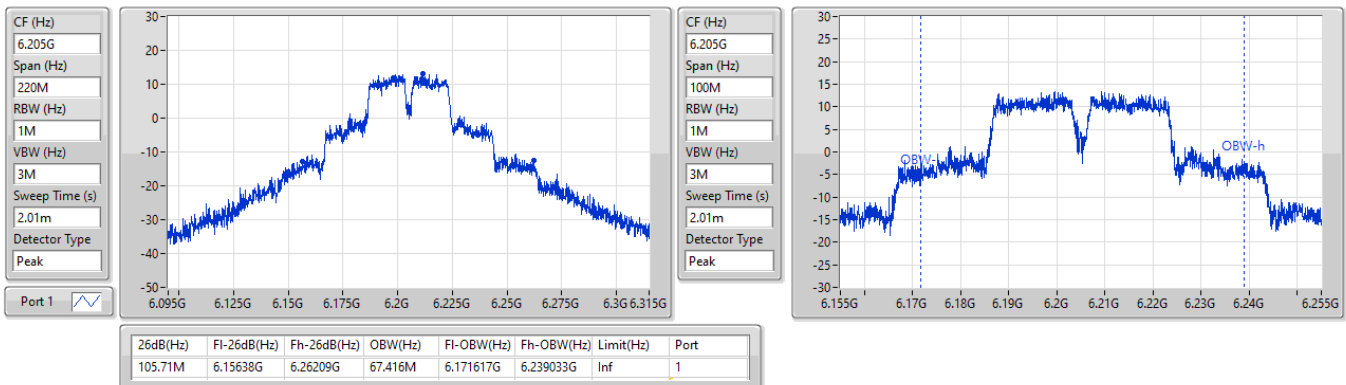


5.925-6.425GHz_a40_Nss1,(6Mbps)_1TX

EBW

6205MHz

11/07/2025

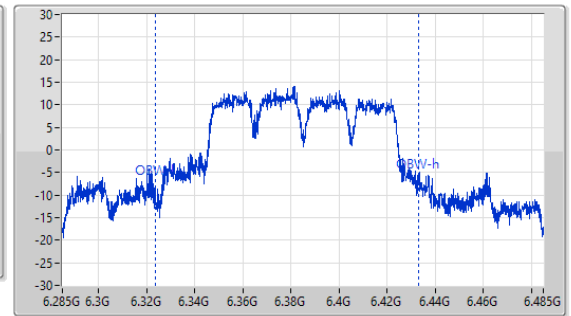
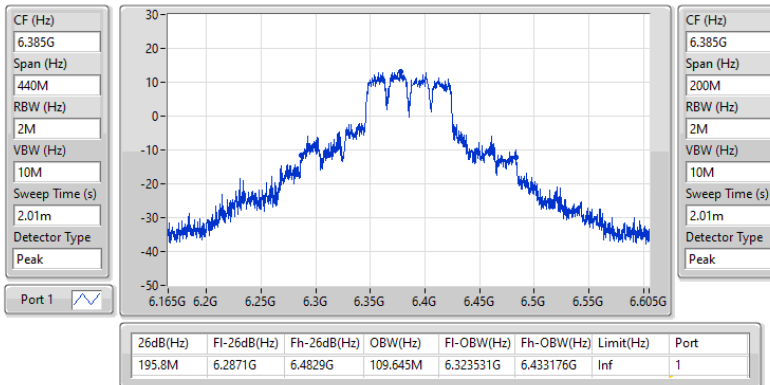


5.925-6.425GHz_a80_Nss1,(6Mbps)_1TX

EBW

6385MHz

11/07/2025

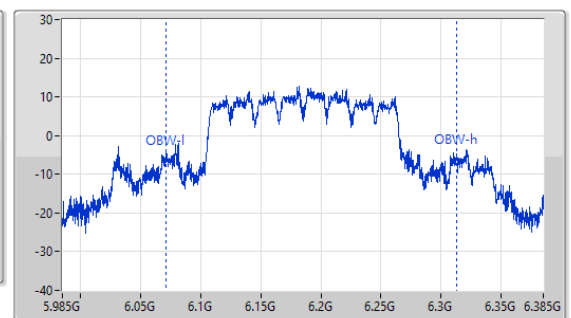
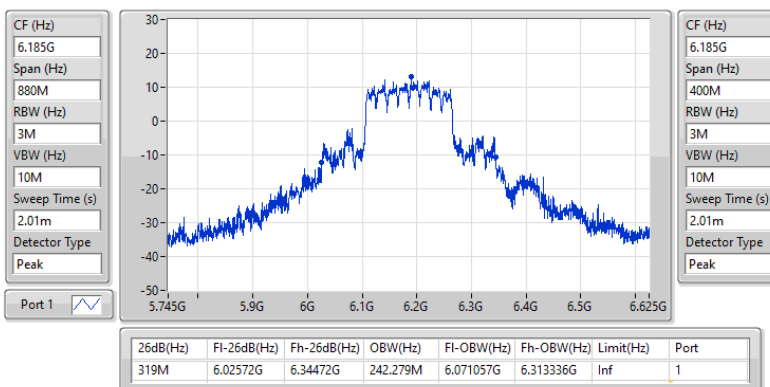


5.925-6.425GHz_a160_Nss1,(6Mbps)_1TX

EBW

6185MHz

11/07/2025

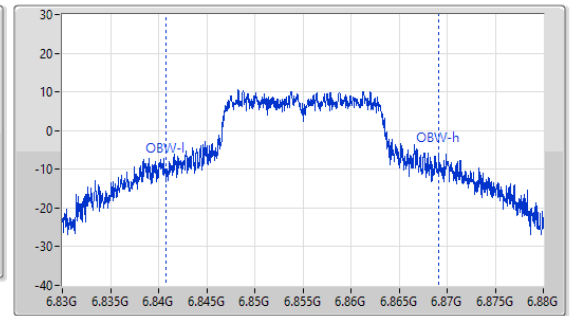
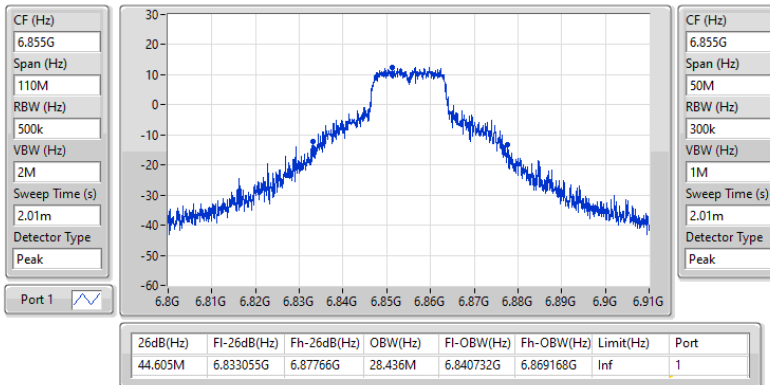


6.525-6.875GHz_a20_Nss1,(6Mbps)_1TX

EBW

6855MHz

11/07/2025

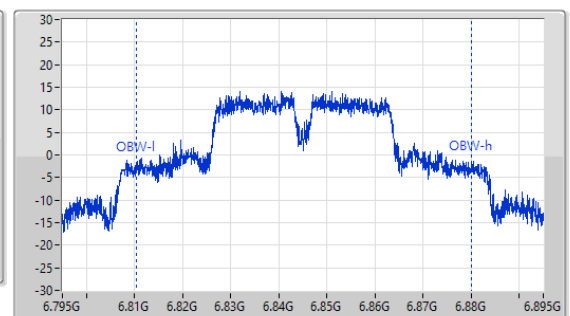
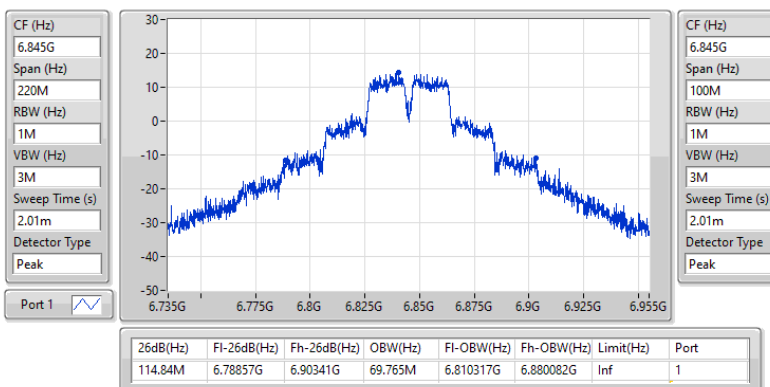


6.525-6.875GHz_a40_Nss1,(6Mbps)_1TX

EBW

6845MHz

11/07/2025

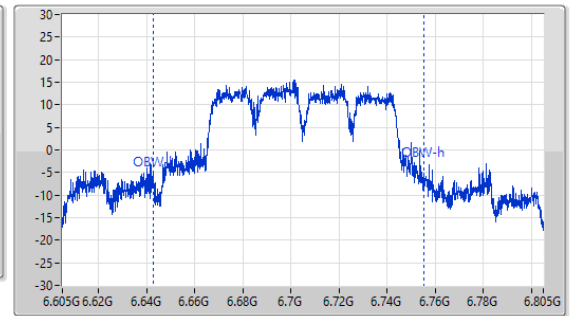
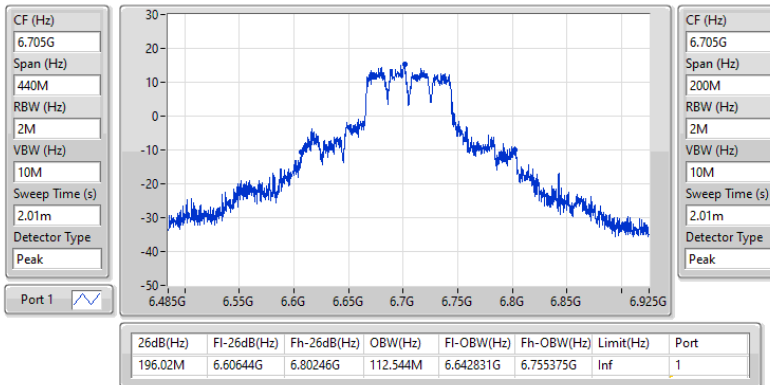


6.525-6.875GHz_a80_Nss1,(6Mbps)_1TX

EBW

6705MHz

11/07/2025

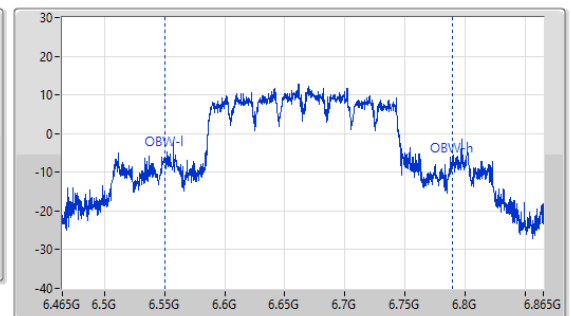
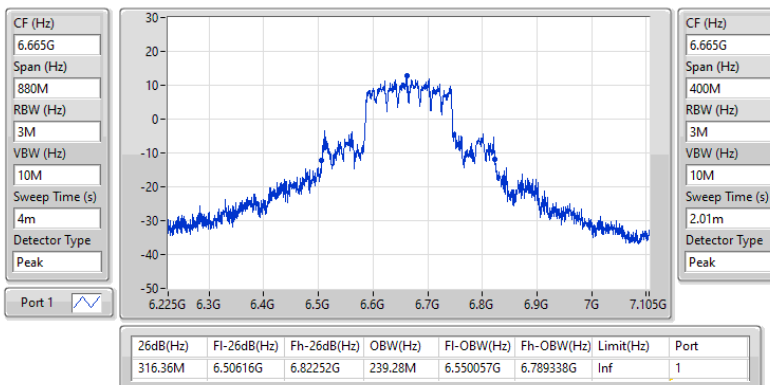


6.525-6.875GHz_a160_Nss1,(6Mbps)_1TX

EBW

6665MHz

11/07/2025



**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	32.615M	16.976M	17M0D1D	21.23M	16.778M
802.11be EHT20_Nss1,(MCS0)_1TX	28.82M	19.14M	19M1D1D	21.835M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	46.97M	37.831M	37M8D1D	39.93M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	120.34M	77.461M	77M5D1D	80.96M	76.962M
802.11be EHT160_Nss1,(MCS0)_1TX	165M	156.722M	157MD1D	163.24M	155.922M
802.11be EHT320_Nss1,(MCS0)_1TX	467.28M	316.242M	316MD1D	332.64M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	25.905M	16.998M	17M0D1D	21.505M	16.844M
802.11be EHT20_Nss1,(MCS0)_1TX	35.2M	19.165M	19M2D1D	21.67M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	41.91M	37.781M	37M8D1D	40.04M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	134.64M	77.461M	77M5D1D	94.38M	77.261M
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	32.615M	16.976M
6195MHz	Pass	Inf	21.23M	16.778M
6415MHz	Pass	Inf	22.495M	16.844M
6535MHz	Pass	Inf	25.905M	16.998M
6695MHz	Pass	Inf	21.505M	16.844M
6855MHz	Pass	Inf	22.495M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	28.82M	19.14M
6195MHz	Pass	Inf	21.835M	19.065M
6415MHz	Pass	Inf	22.99M	19.14M
6535MHz	Pass	Inf	35.2M	19.165M
6695MHz	Pass	Inf	21.67M	19.065M
6855MHz	Pass	Inf	27.225M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	39.93M	37.781M
6205MHz	Pass	Inf	46.97M	37.781M
6405MHz	Pass	Inf	40.59M	37.831M
6565MHz	Pass	Inf	40.04M	37.781M
6685MHz	Pass	Inf	40.37M	37.781M
6845MHz	Pass	Inf	41.91M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	80.96M	76.962M
6225MHz	Pass	Inf	92.84M	77.361M
6385MHz	Pass	Inf	120.34M	77.461M
6625MHz	Pass	Inf	94.38M	77.361M
6705MHz	Pass	Inf	134.64M	77.261M
6785MHz	Pass	Inf	95.04M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	165M	155.922M
6185MHz	Pass	Inf	164.56M	156.522M
6345MHz	Pass	Inf	163.24M	156.722M
6665MHz	Pass	Inf	164.56M	156.522M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	320M	332.64M	315.042M
6265MHz	Pass	320M	467.28M	316.242M

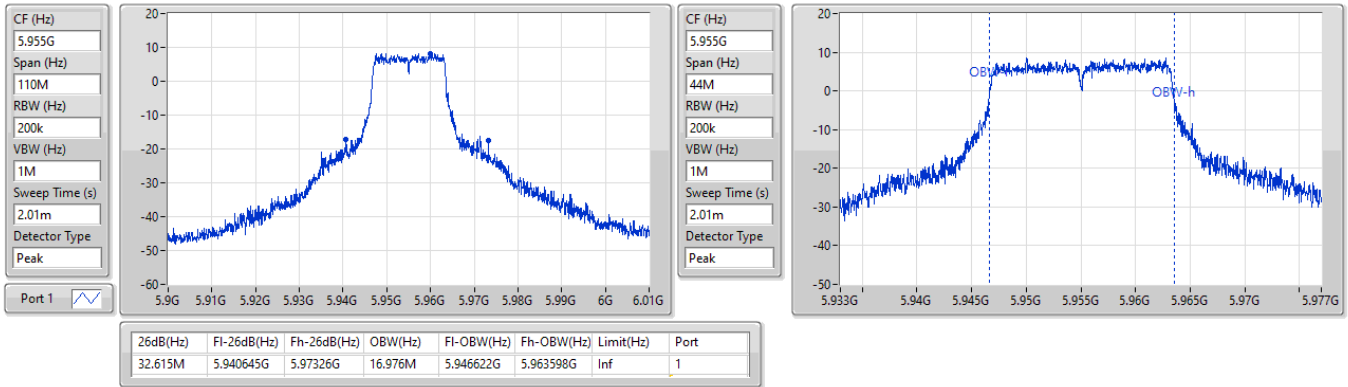
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

11/07/2025

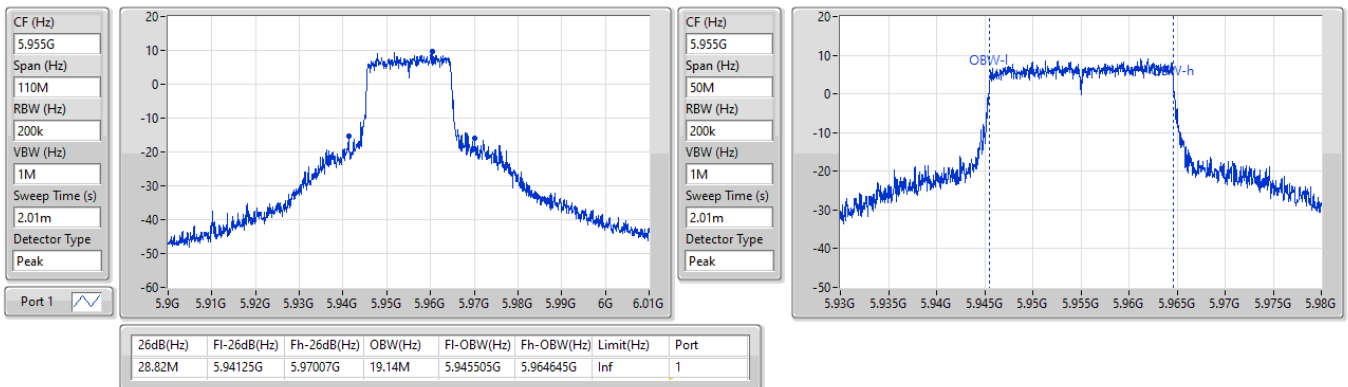


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

11/07/2025

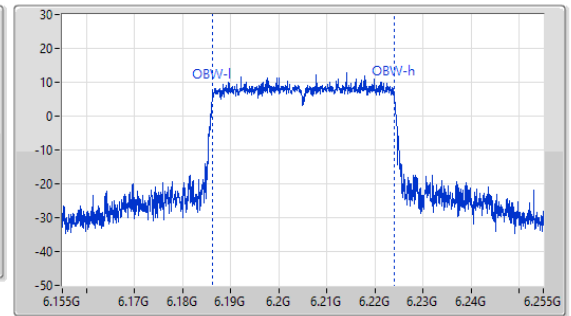
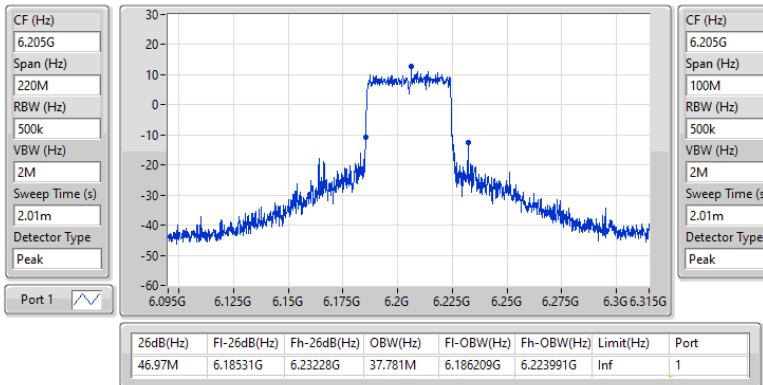


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6205MHz

11/07/2025

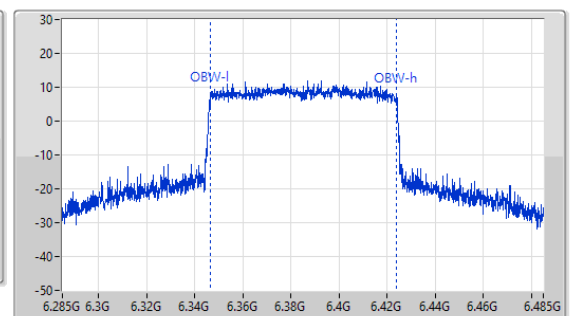
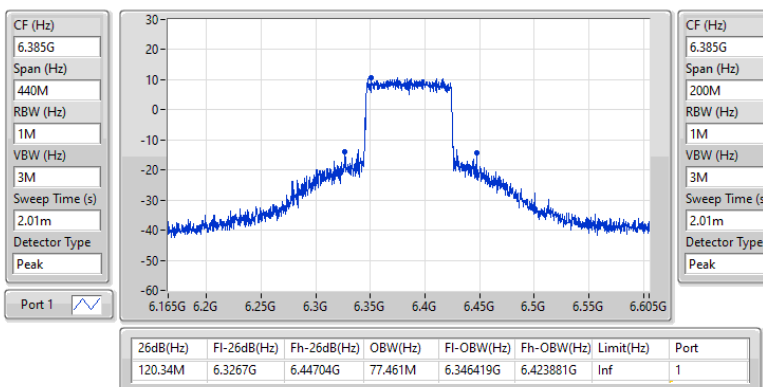


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6385MHz

11/07/2025

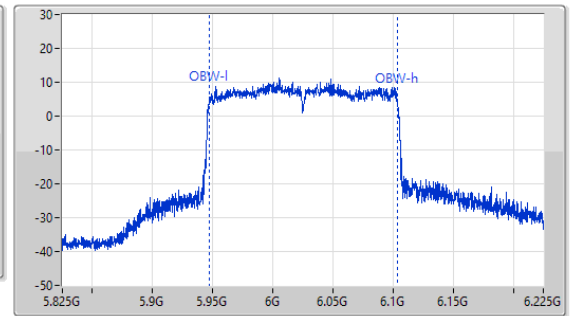
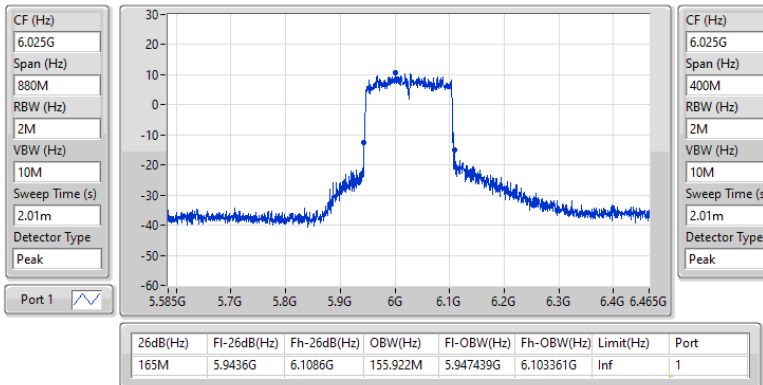


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6025MHz

11/07/2025

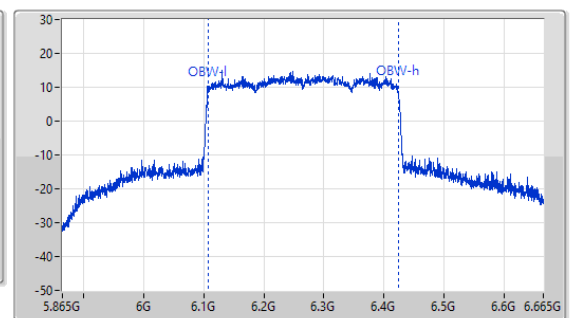
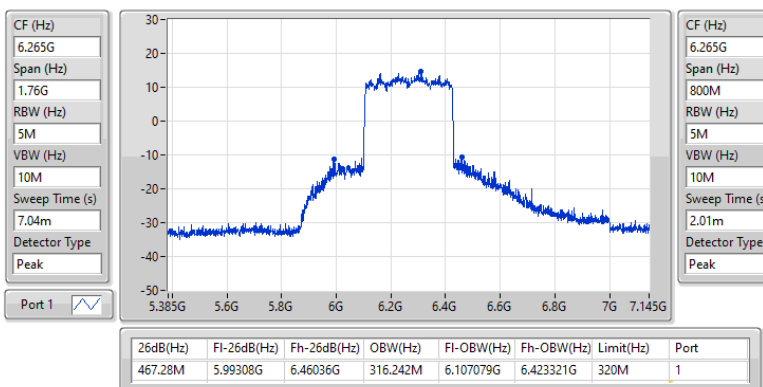


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6265MHz

11/07/2025

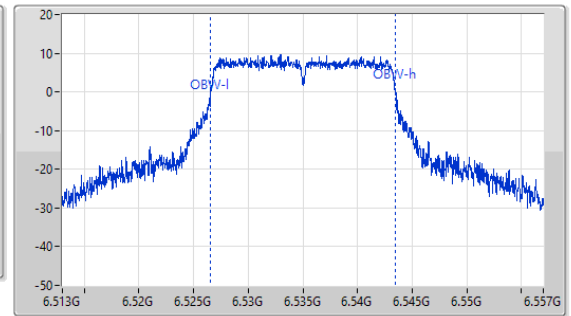
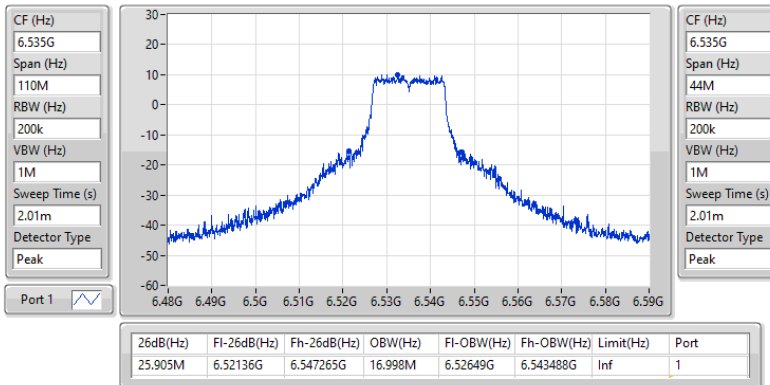


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6535MHz

11/07/2025

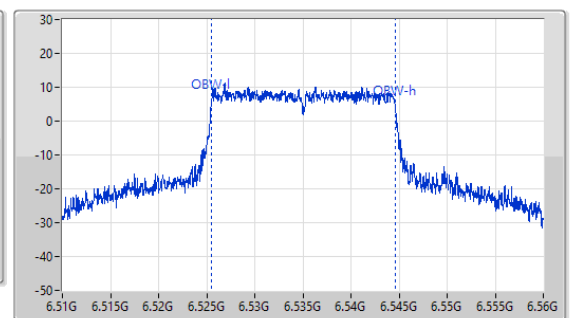
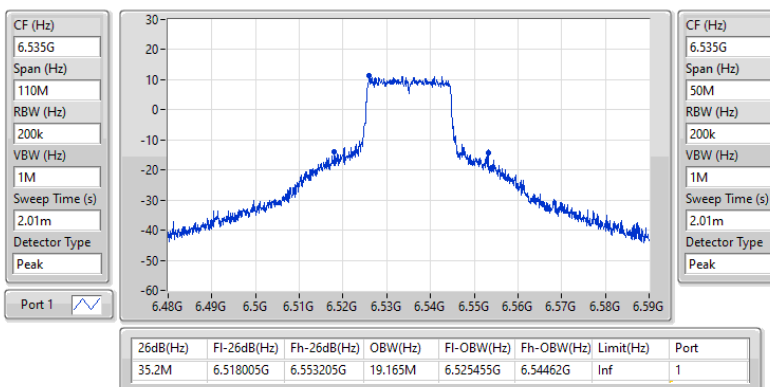


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6535MHz

11/07/2025

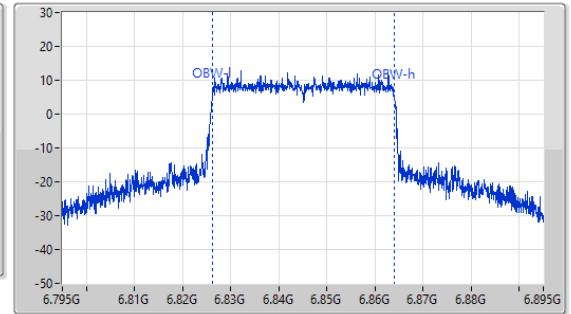
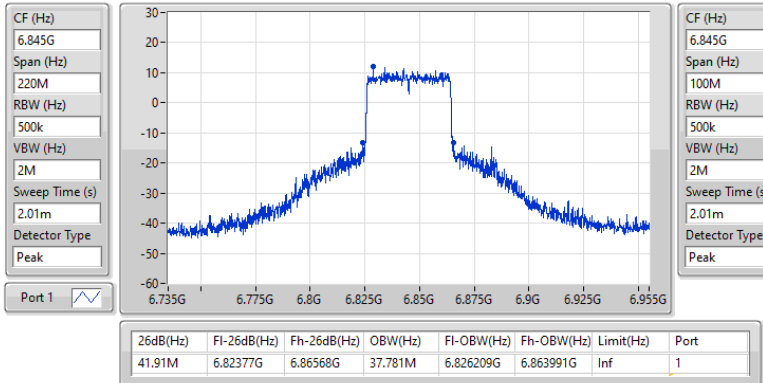


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6845MHz

11/07/2025

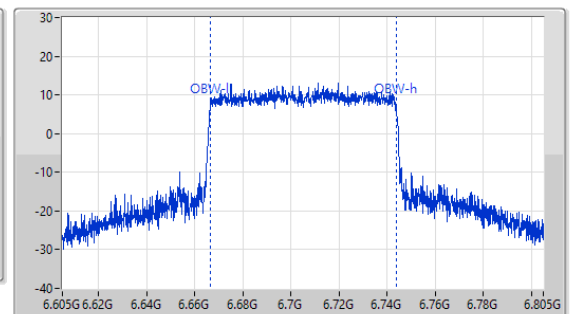
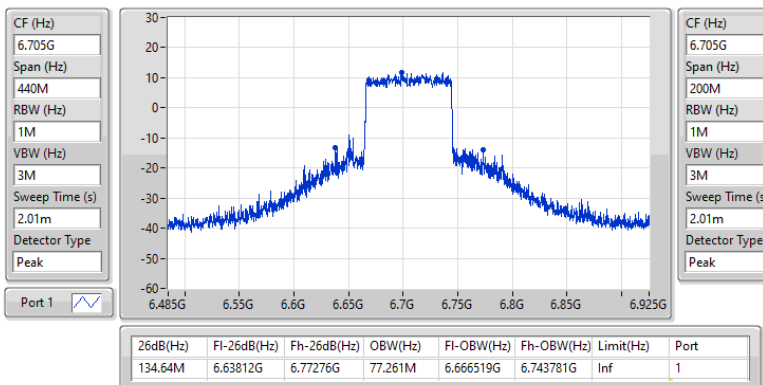


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6705MHz

11/07/2025



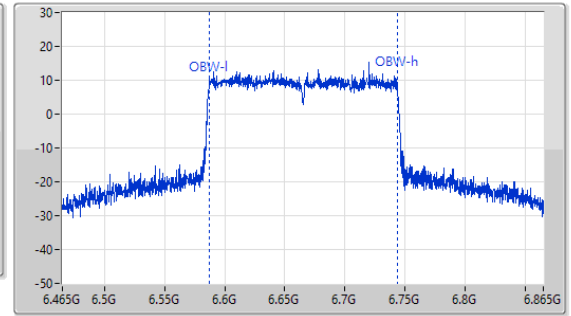
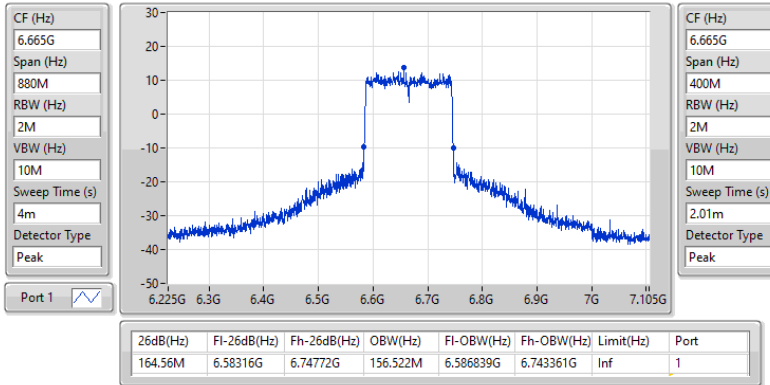


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

11/07/2025



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	22.275M	17.019M	17M0D1D	21.12M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	24.09M	19.115M	19M1D1D	21.01M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	46.09M	37.881M	37M9D1D	39.49M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	102.96M	77.461M	77M5D1D	80.3M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	199.32M	156.922M	157MD1D	161.92M	156.122M
802.11be EHT320_Nss1,(MCS0)_2TX	496.32M	315.842M	316MD1D	323.84M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.78M	16.778M	16M8D1D	20.735M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	28.325M	19.14M	19M1D1D	21.065M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	57.31M	38.081M	38M1D1D	39.82M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	111.32M	77.561M	77M6D1D	81.4M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	179.52M	156.722M	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	22M	16.734M	22.22M	17.019M
6195MHz	Pass	Inf	21.175M	16.668M	21.12M	16.734M
6415MHz	Pass	Inf	22.275M	16.69M	21.615M	16.734M
6535MHz	Pass	Inf	21.285M	16.668M	21.78M	16.778M
6695MHz	Pass	Inf	20.735M	16.712M	21.175M	16.778M
6855MHz	Pass	Inf	21.065M	16.646M	21.34M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.89M	19.04M	24.09M	19.09M
6195MHz	Pass	Inf	21.01M	19.015M	21.23M	19.065M
6415MHz	Pass	Inf	21.175M	19.115M	22.165M	19.015M
6535MHz	Pass	Inf	21.45M	19.065M	23.21M	19.14M
6695MHz	Pass	Inf	21.065M	19.04M	21.67M	19.04M
6855MHz	Pass	Inf	26.4M	19.04M	28.325M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.82M	37.731M	39.49M	37.731M
6205MHz	Pass	Inf	40.26M	37.781M	40.04M	37.831M
6405MHz	Pass	Inf	46.09M	37.831M	41.36M	37.881M
6565MHz	Pass	Inf	55.44M	37.931M	57.31M	38.081M
6685MHz	Pass	Inf	39.82M	37.781M	39.82M	37.831M
6845MHz	Pass	Inf	48.62M	37.831M	49.17M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.3M	77.161M	80.3M	76.962M
6225MHz	Pass	Inf	80.74M	77.361M	101.42M	77.461M
6385MHz	Pass	Inf	102.96M	77.261M	88.44M	77.461M
6625MHz	Pass	Inf	81.4M	77.261M	90.2M	77.261M
6705MHz	Pass	Inf	83.16M	77.561M	111.32M	77.461M
6785MHz	Pass	Inf	109.12M	77.261M	81.4M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	161.92M	156.122M	163.24M	156.122M
6185MHz	Pass	Inf	176.88M	156.522M	163.24M	156.722M
6345MHz	Pass	Inf	179.08M	156.922M	199.32M	156.722M
6665MHz	Pass	Inf	164.56M	156.522M	179.52M	156.722M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	323.84M	315.042M	324.72M	315.842M
6265MHz	Pass	320M	476.96M	315.842M	496.32M	315.442M

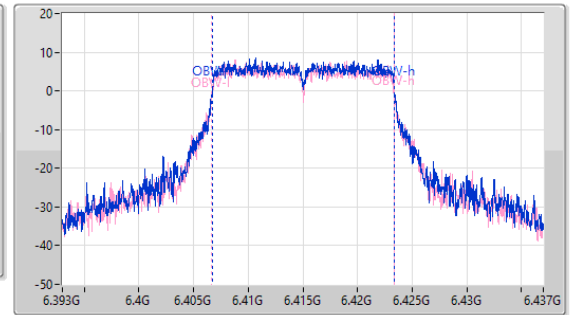
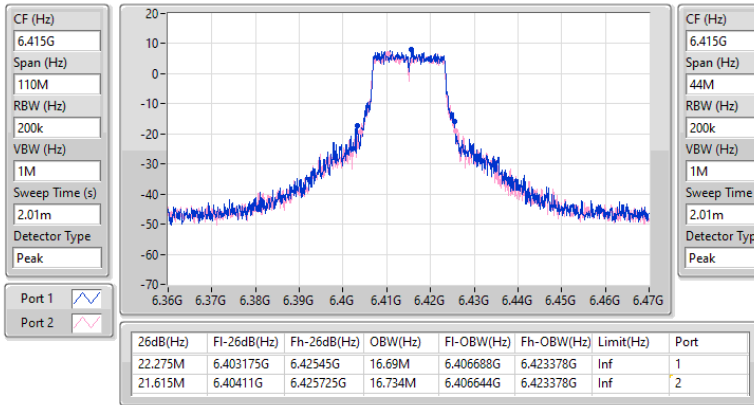
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6415MHz

11/07/2025

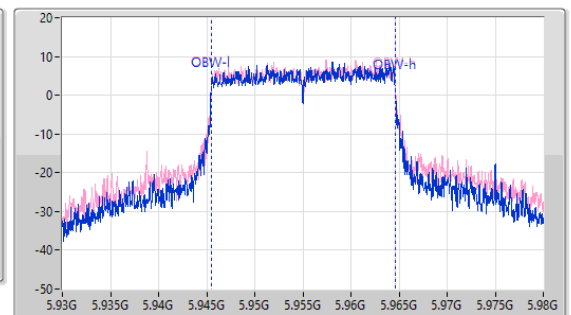
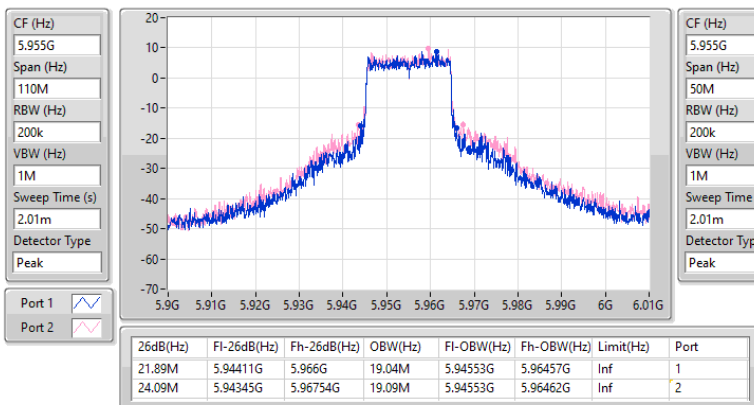


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

11/07/2025

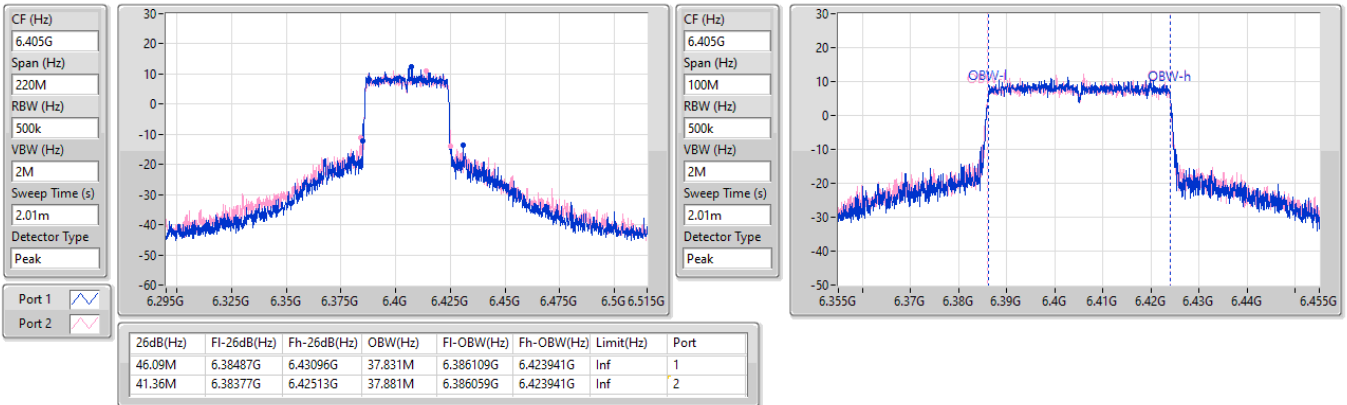


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6405MHz

11/07/2025

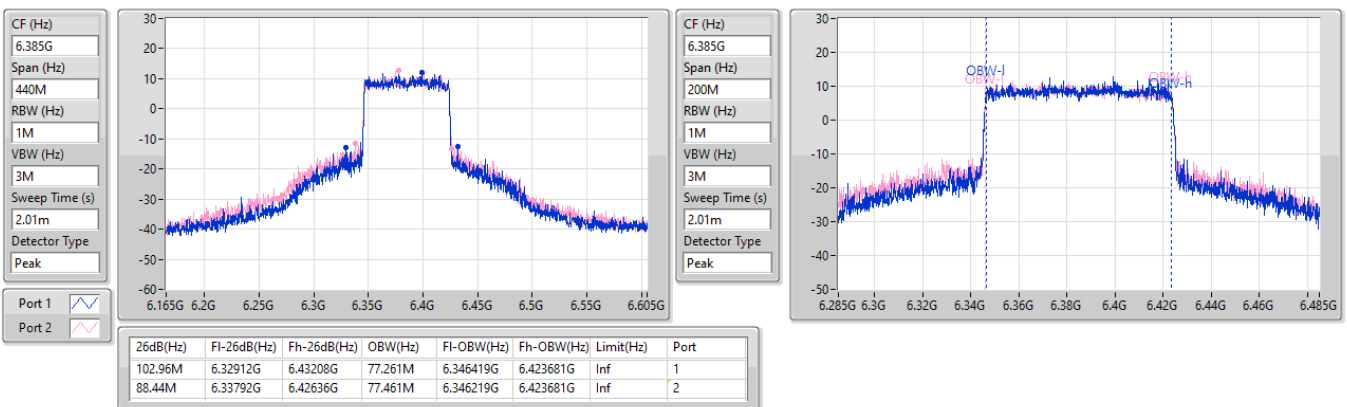


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6385MHz

11/07/2025

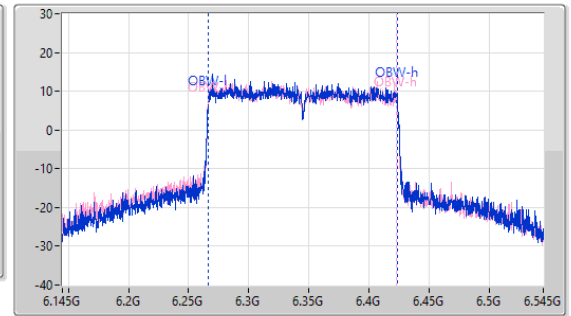
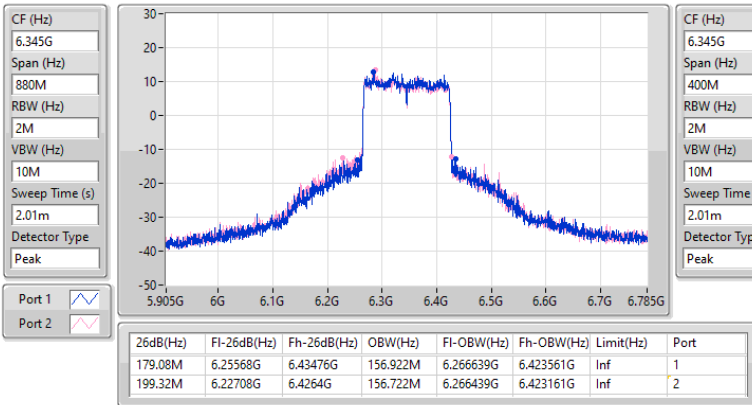


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6345MHz

11/07/2025

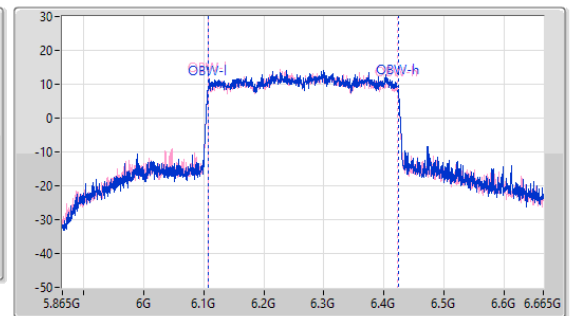
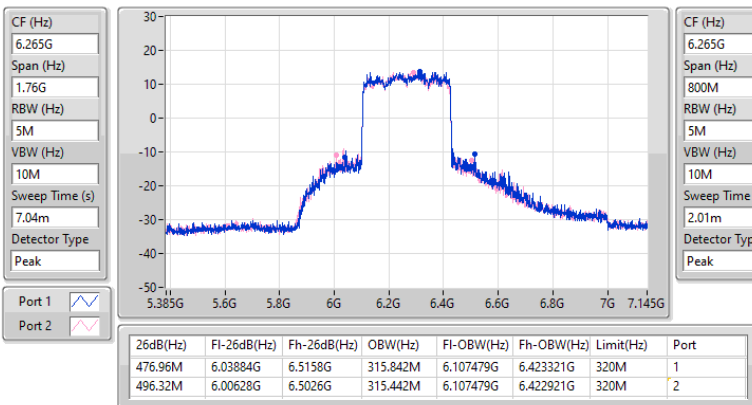


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6265MHz

11/07/2025

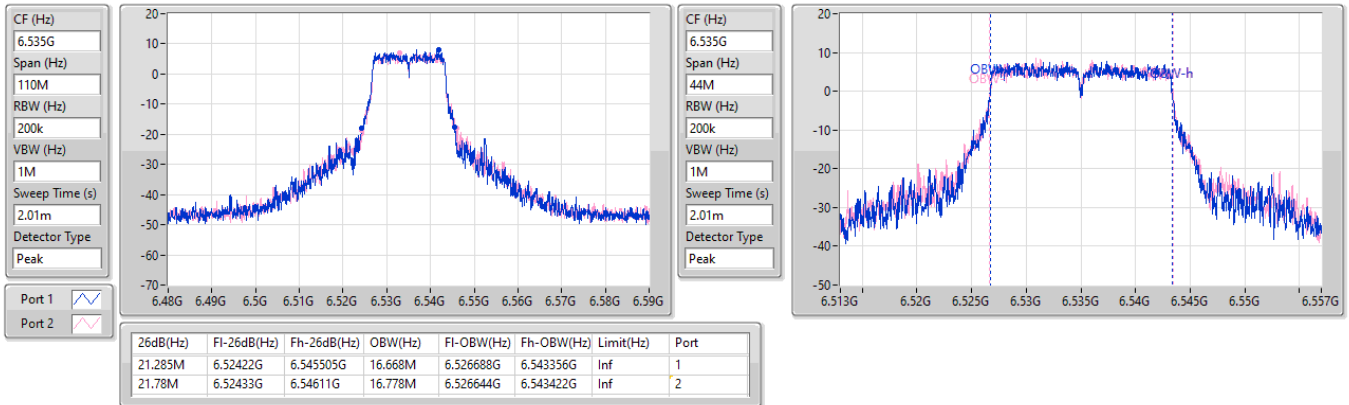


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6535MHz

11/07/2025

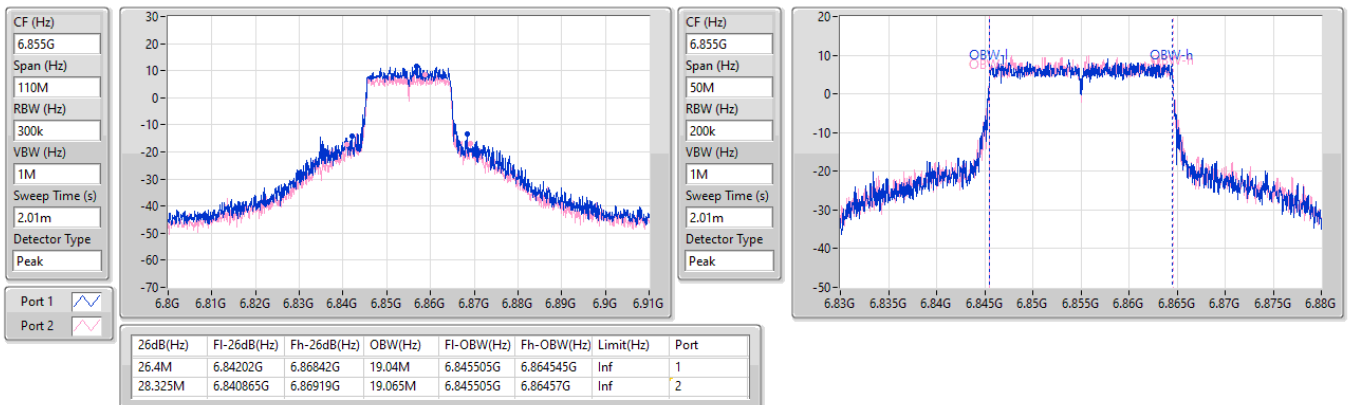


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6855MHz

11/07/2025

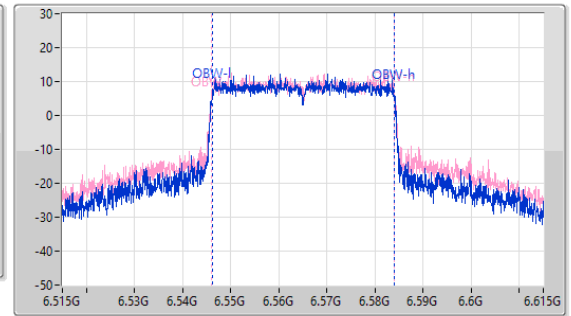
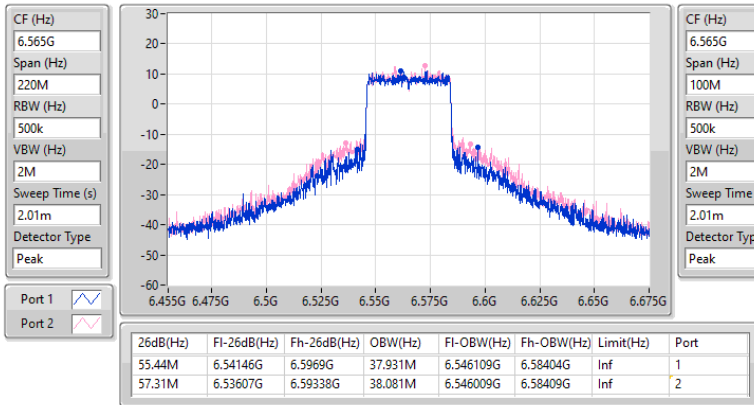


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6565MHz

11/07/2025

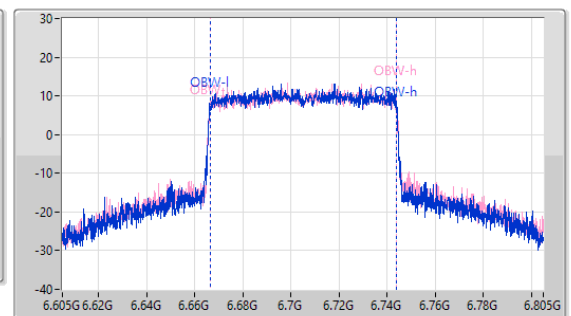
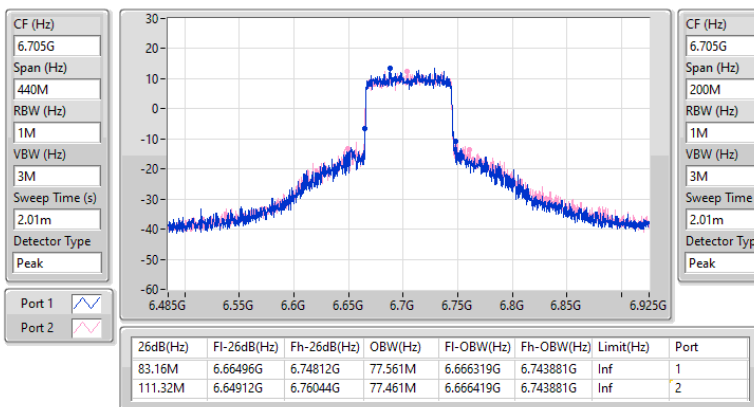


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

11/07/2025

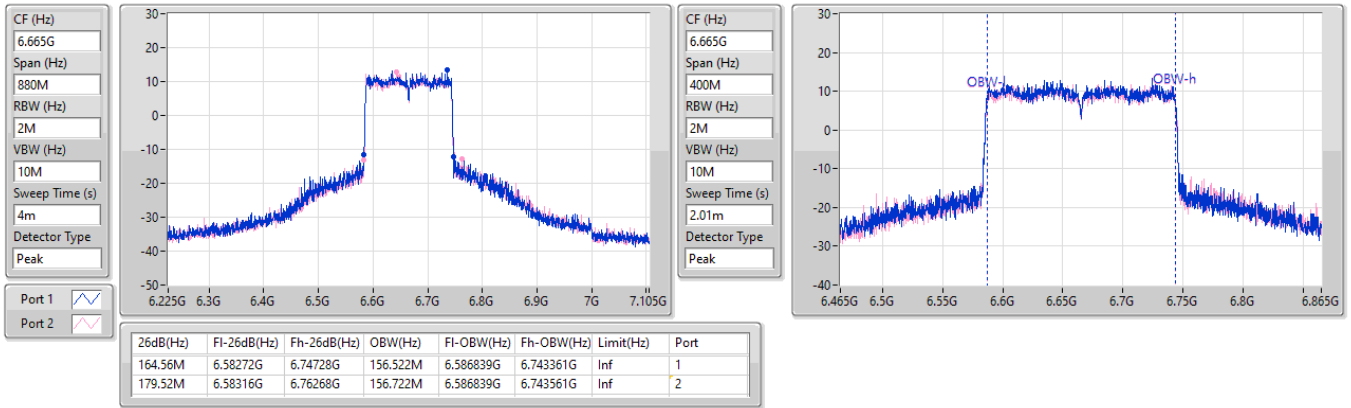


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

11/07/2025



**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	24.145M	19.115M	19M1D1D	20.79M	19.065M
802.11be EHT40_Nss2,(MCS0)_2TX	59.29M	37.831M	37M8D1D	40.15M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	104.5M	77.561M	77M6D1D	80.74M	76.762M
802.11be EHT160_Nss2,(MCS0)_2TX	235.84M	157.121M	157MD1D	165M	156.122M
802.11be EHT320_Nss2,(MCS0)_2TX	497.2M	316.242M	316MD1D	338.8M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	37.95M	19.29M	19M3D1D	21.12M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	60.06M	38.031M	38M0D1D	40.37M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	139.92M	77.561M	77M6D1D	83.82M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	203.72M	156.522M	157MD1D	168.52M	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)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.285M	19.065M	24.145M	19.09M
6195MHz	Pass	Inf	21.505M	19.065M	20.79M	19.115M
6415MHz	Pass	Inf	22.44M	19.065M	20.79M	19.065M
6535MHz	Pass	Inf	30.525M	19.19M	37.95M	19.29M
6695MHz	Pass	Inf	21.12M	19.065M	22.55M	19.04M
6855MHz	Pass	Inf	22.165M	19.115M	35.97M	19.165M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.26M	37.831M	55.88M	37.781M
6205MHz	Pass	Inf	40.15M	37.831M	59.29M	37.831M
6405MHz	Pass	Inf	43.01M	37.831M	41.36M	37.831M
6565MHz	Pass	Inf	57.75M	37.881M	60.06M	38.031M
6685MHz	Pass	Inf	40.48M	37.781M	40.37M	37.831M
6845MHz	Pass	Inf	55M	37.881M	54.78M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	87.12M	76.762M	82.28M	76.862M
6225MHz	Pass	Inf	102.08M	77.561M	89.32M	77.361M
6385MHz	Pass	Inf	80.74M	77.261M	104.5M	77.461M
6625MHz	Pass	Inf	83.82M	77.361M	133.1M	77.461M
6705MHz	Pass	Inf	95.48M	77.361M	139.92M	77.561M
6785MHz	Pass	Inf	83.82M	77.361M	139.92M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	195.8M	156.122M	235.84M	156.522M
6185MHz	Pass	Inf	190.08M	156.522M	182.6M	156.722M
6345MHz	Pass	Inf	165M	157.121M	213.4M	156.922M
6665MHz	Pass	Inf	168.52M	156.522M	203.72M	156.522M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	338.8M	315.442M	367.84M	315.842M
6265MHz	Pass	320M	497.2M	316.242M	434.72M	315.842M

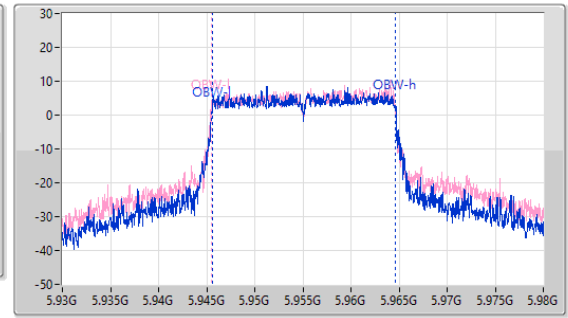
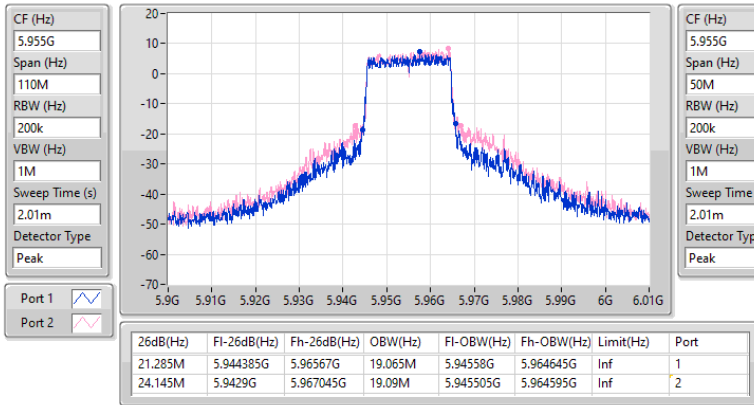
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

11/07/2025

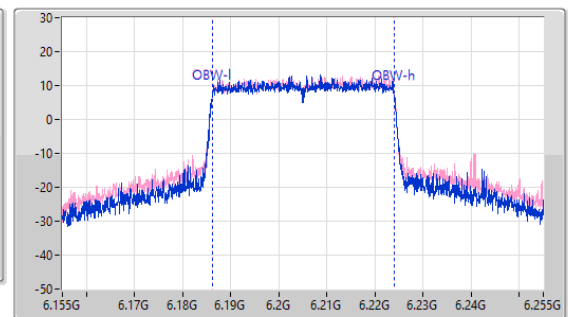
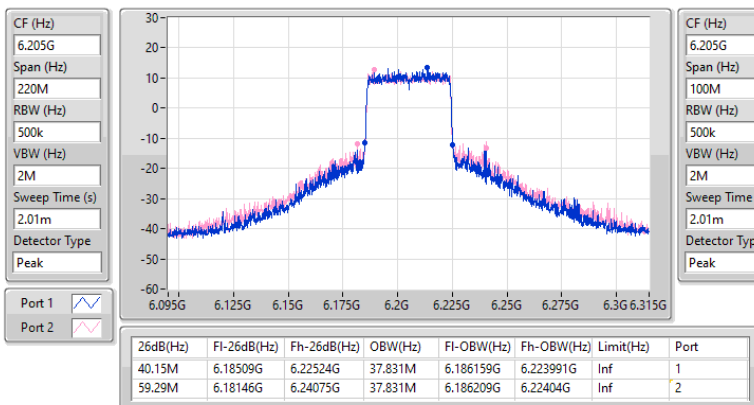


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6205MHz

11/07/2025

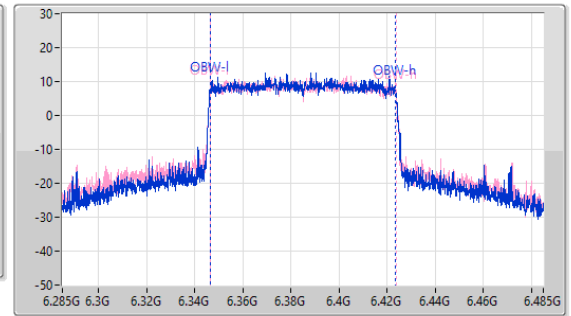
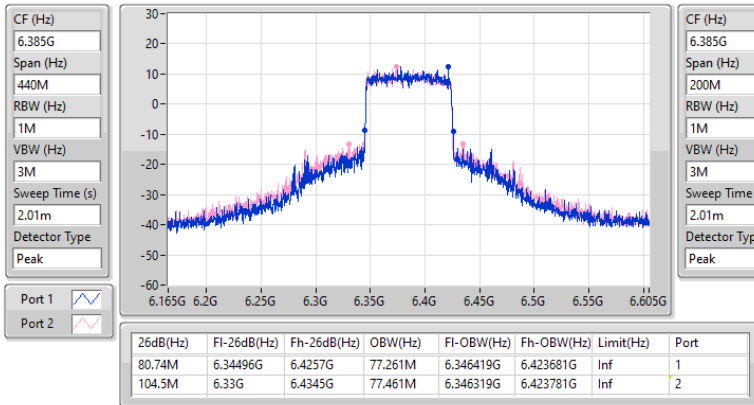


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6385MHz

11/07/2025

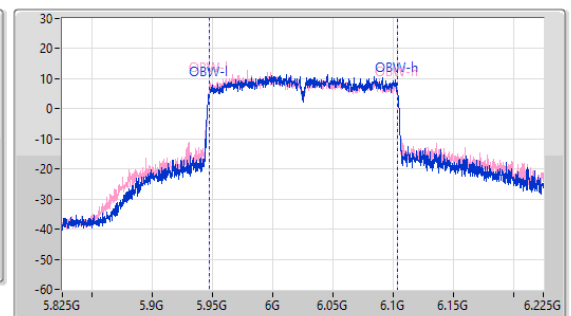
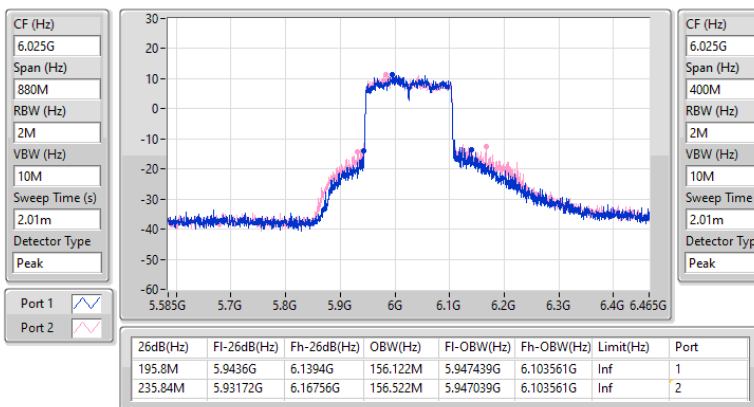


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6025MHz

11/07/2025

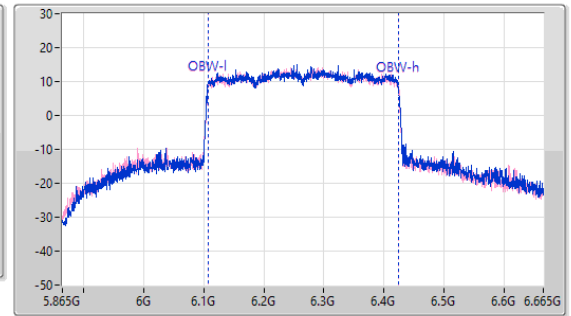
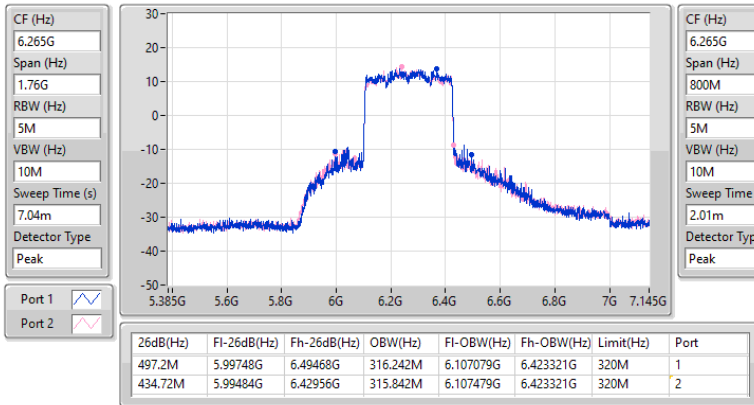


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6265MHz

11/07/2025

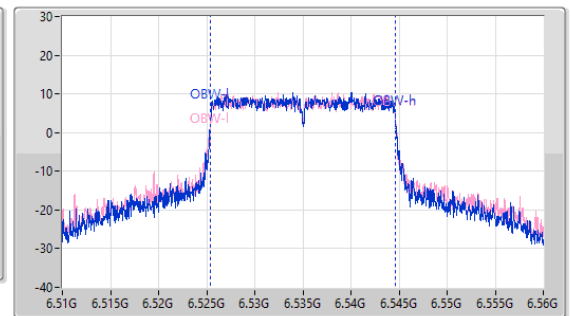
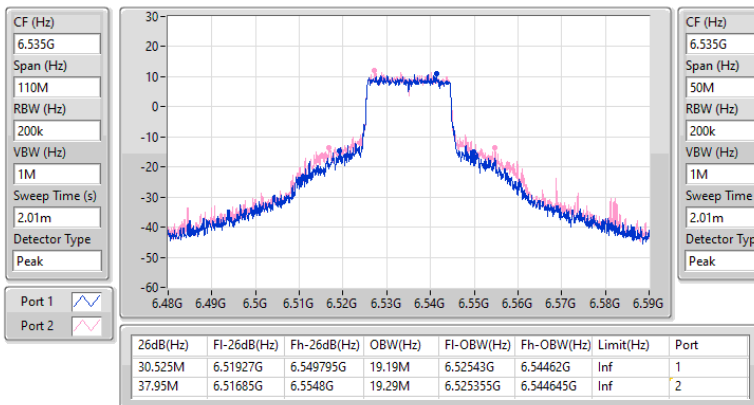


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

11/07/2025

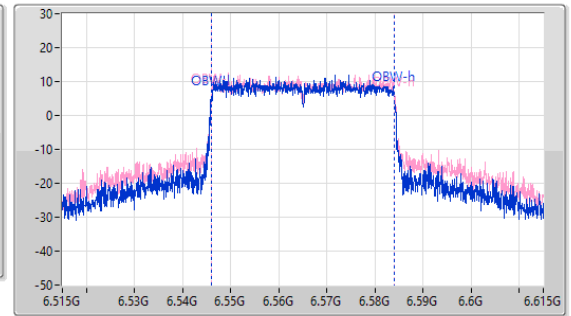
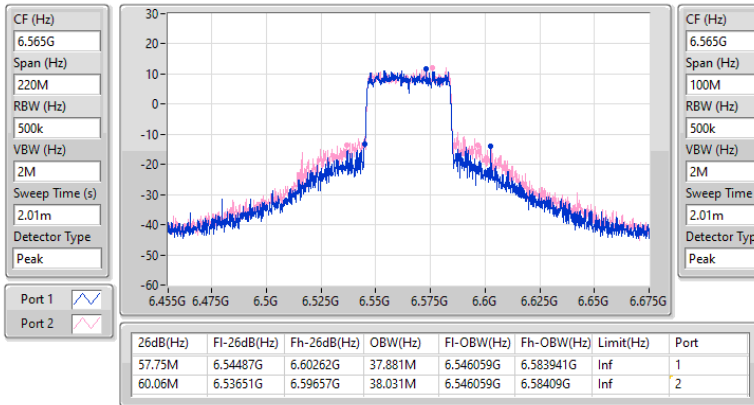


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6565MHz

11/07/2025

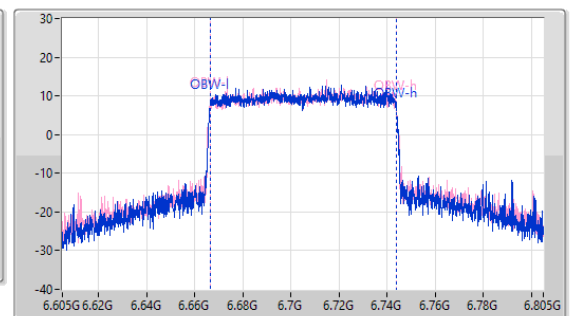
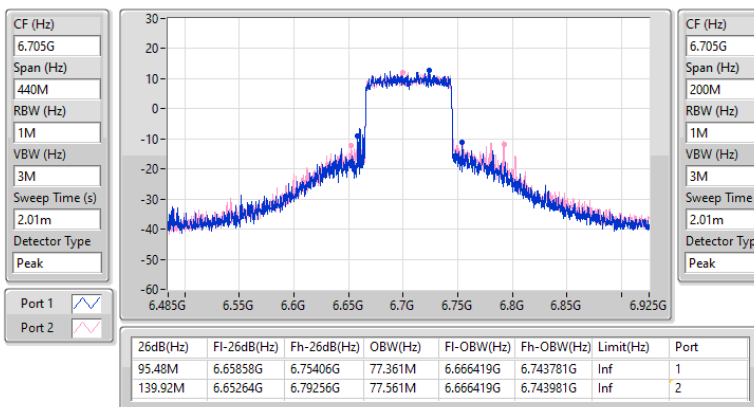


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6705MHz

11/07/2025

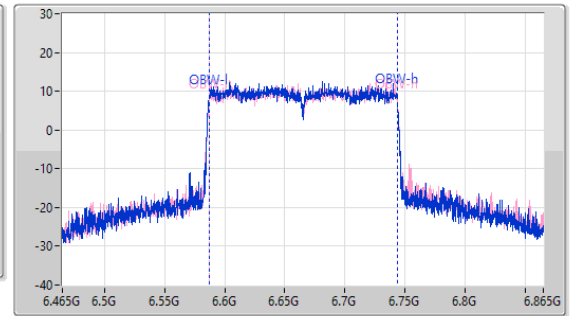
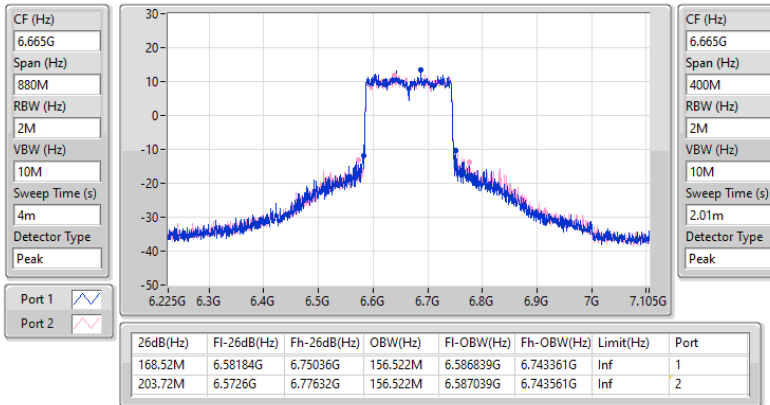


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

11/07/2025



**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	22.22M	16.667M	16M7D1D	20.68M	16.542M
a40_Nss1,(6Mbps)_1TX	74.8M	37.281M	37M3D1D	63.36M	36.582M
a80_Nss1,(6Mbps)_1TX	110.66M	76.362M	76M4D1D	105.38M	75.962M
a160_Nss1,(6Mbps)_1TX	316.8M	160.52M	161MD1D	285.12M	156.122M
6.525-6.875GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	30.965M	16.892M	16M9D1D	20.735M	16.667M
a40_Nss1,(6Mbps)_1TX	77.55M	47.576M	47M6D1D	75.68M	38.381M
a80_Nss1,(6Mbps)_1TX	170.72M	77.161M	77M2D1D	131.34M	76.762M
a160_Nss1,(6Mbps)_1TX	315.92M	160.32M	160MD1D	315.92M	160.32M

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	21.01M	16.667M
6195MHz	Pass	Inf	20.68M	16.542M
6415MHz	Pass	Inf	22.22M	16.592M
6535MHz	Pass	Inf	27.995M	16.892M
6695MHz	Pass	Inf	20.735M	16.667M
6855MHz	Pass	Inf	30.965M	16.867M
a40_Nss1,(6Mbps)_1TX	-	-	-	-
5965MHz	Pass	Inf	63.36M	36.582M
6205MHz	Pass	Inf	72.93M	37.281M
6405MHz	Pass	Inf	74.8M	37.231M
6565MHz	Pass	Inf	75.68M	38.381M
6685MHz	Pass	Inf	76.23M	38.531M
6845MHz	Pass	Inf	77.55M	47.576M
a80_Nss1,(6Mbps)_1TX	-	-	-	-
5985MHz	Pass	Inf	105.38M	75.962M
6225MHz	Pass	Inf	108.68M	76.262M
6385MHz	Pass	Inf	110.66M	76.362M
6625MHz	Pass	Inf	170.72M	76.762M
6705MHz	Pass	Inf	135.52M	76.862M
6785MHz	Pass	Inf	131.34M	77.161M
a160_Nss1,(6Mbps)_1TX	-	-	-	-
6025MHz	Pass	Inf	285.12M	156.122M
6185MHz	Pass	Inf	316.8M	156.322M
6345MHz	Pass	Inf	314.16M	160.52M
6665MHz	Pass	Inf	315.92M	160.32M

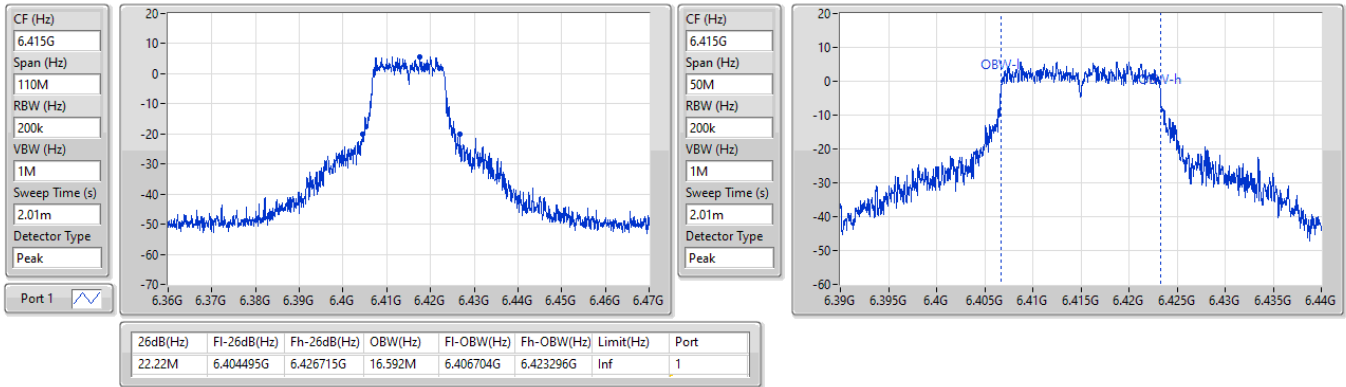
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_a20_Nss1,(6Mbps)_1TX

EBW

6415MHz

24/04/2025

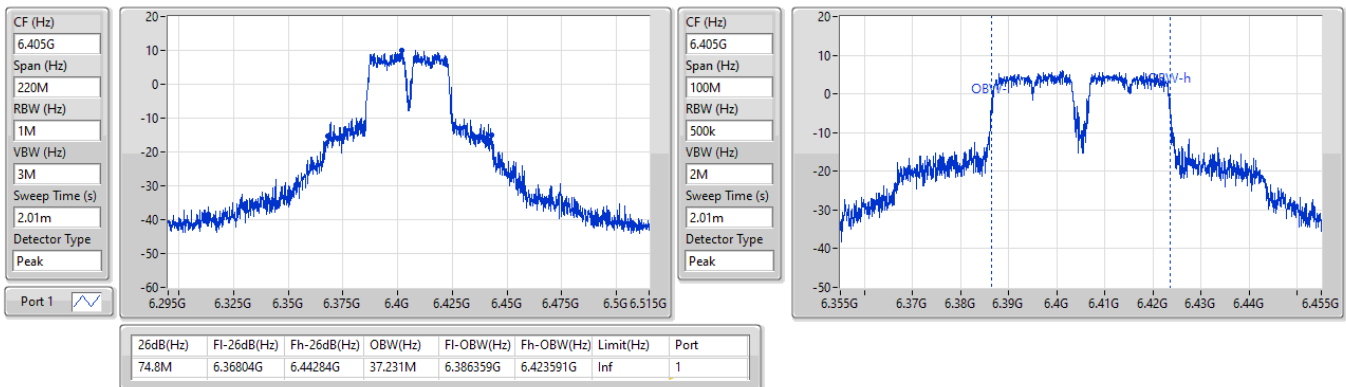


5.925-6.425GHz_a40_Nss1,(6Mbps)_1TX

EBW

6405MHz

24/04/2025

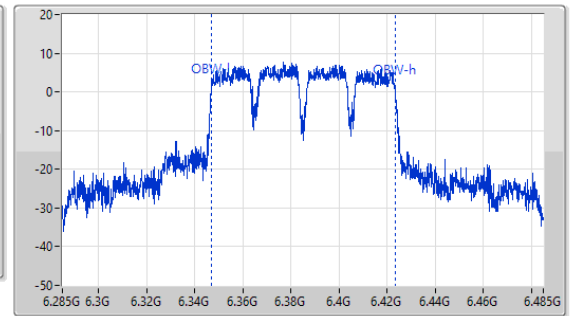
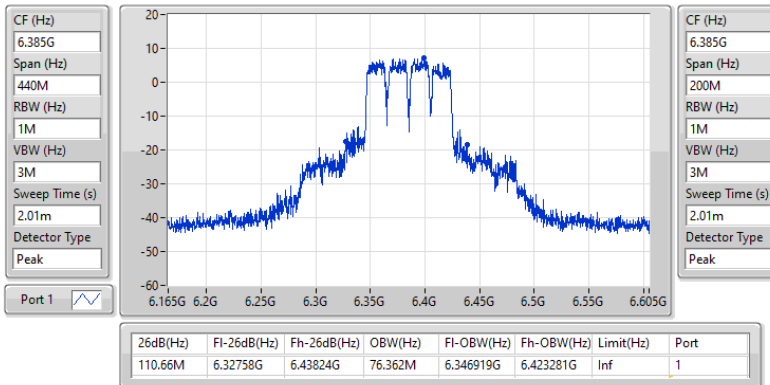


5.925-6.425GHz_a80_Nss1,(6Mbps)_1TX

EBW

6385MHz

24/04/2025

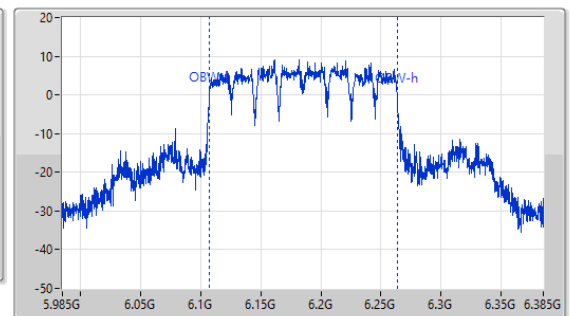
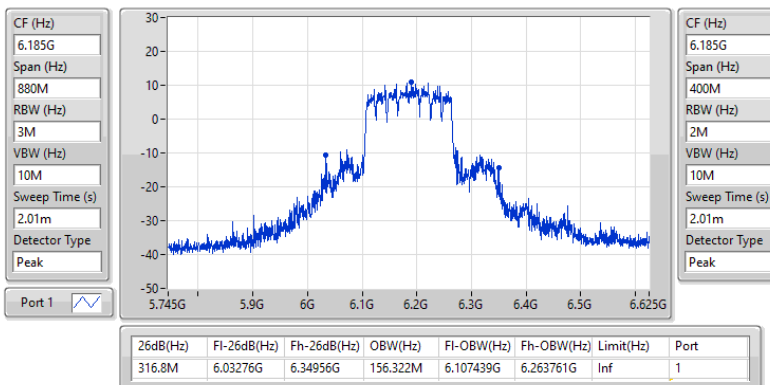


5.925-6.425GHz_a160_Nss1,(6Mbps)_1TX

EBW

6185MHz

24/04/2025

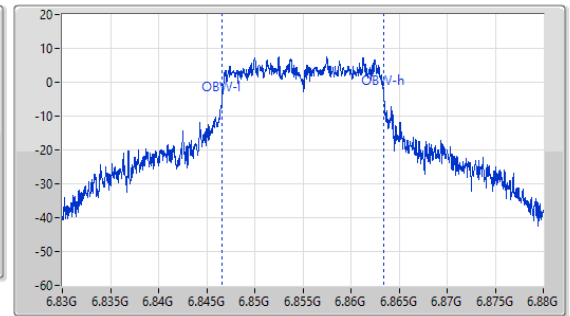
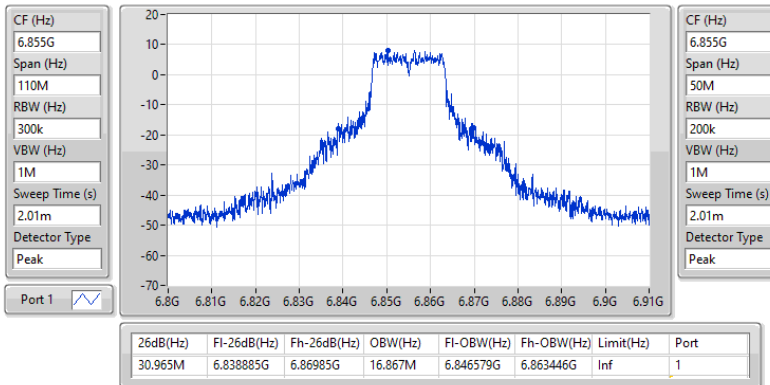


6.525-6.875GHz_a20_Nss1,(6Mbps)_1TX

EBW

6855MHz

24/04/2025

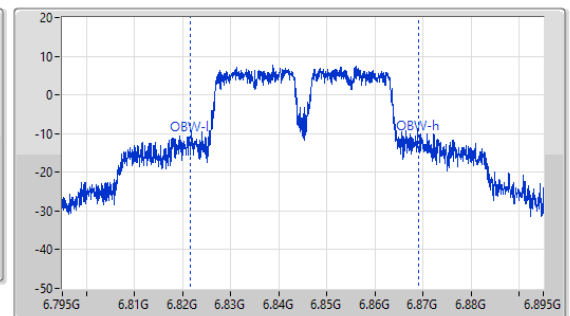
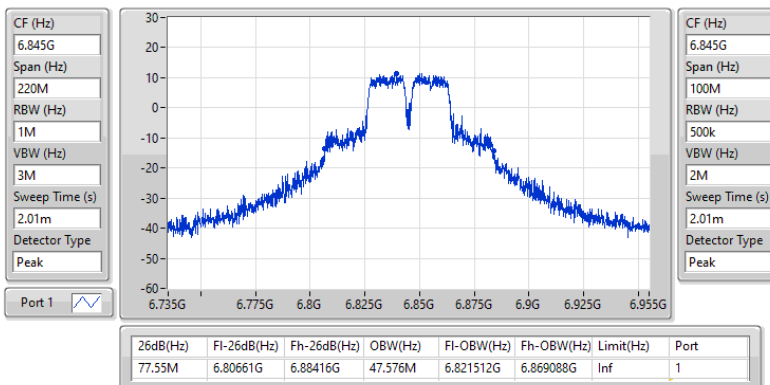


6.525-6.875GHz_a40_Nss1,(6Mbps)_1TX

EBW

6845MHz

24/04/2025

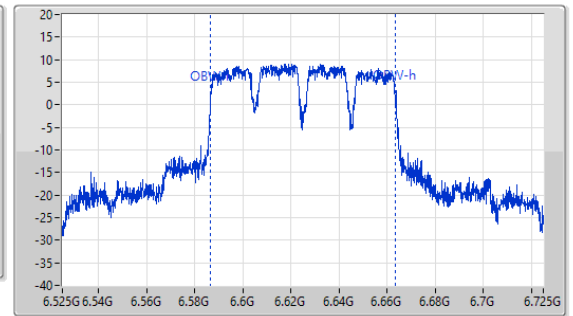
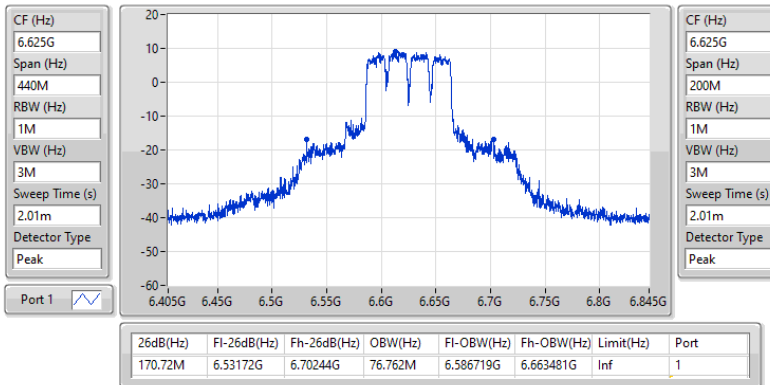


6.525-6.875GHz_a80_Nss1,(6Mbps)_1TX

EBW

6625MHz

24/04/2025

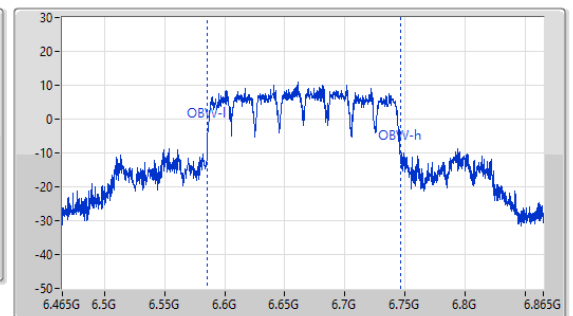
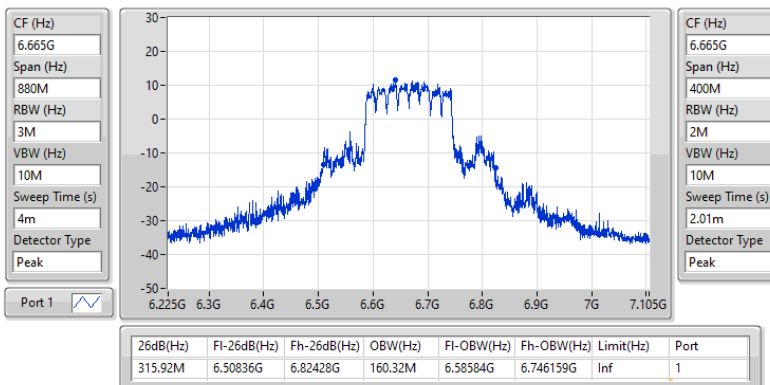


6.525-6.875GHz_a160_Nss1,(6Mbps)_1TX

EBW

6665MHz

24/04/2025





EBW_Non-Beamforming_ Radio 3_1T1S_Outdoor_Peak Gain

Appendix B.6

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	16.712M	16M7D1D	21.01M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX	21.395M	19.04M	19M0D1D	21.065M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	40.26M	37.731M	37M7D1D	39.82M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.161M	77M2D1D	80.96M	76.762M
802.11be EHT160_Nss1,(MCS0)_1TX	163.24M	156.522M	157MD1D	161.92M	155.922M
802.11be EHT320_Nss1,(MCS0)_1TX	325.6M	315.442M	315MD1D	324.72M	314.643M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.23M	16.734M	16M7D1D	20.9M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX	21.23M	19.065M	19M1D1D	21.175M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	40.26M	37.781M	37M8D1D	39.49M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	81.4M	77.261M	77M3D1D	80.96M	77.161M
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_Outdoor_Peak Gain

Appendix B.6

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.065M	16.646M
6195MHz	Pass	Inf	21.01M	16.69M
6415MHz	Pass	Inf	21.285M	16.712M
6535MHz	Pass	Inf	21.23M	16.734M
6695MHz	Pass	Inf	21.175M	16.668M
6855MHz	Pass	Inf	20.9M	16.69M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.175M	19.04M
6195MHz	Pass	Inf	21.395M	19.04M
6415MHz	Pass	Inf	21.065M	19.04M
6535MHz	Pass	Inf	21.23M	19.065M
6695MHz	Pass	Inf	21.23M	19.015M
6855MHz	Pass	Inf	21.175M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	39.82M	37.681M
6205MHz	Pass	Inf	40.04M	37.681M
6405MHz	Pass	Inf	40.26M	37.731M
6565MHz	Pass	Inf	39.49M	37.681M
6685MHz	Pass	Inf	40.26M	37.781M
6845MHz	Pass	Inf	39.93M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.18M	76.762M
6225MHz	Pass	Inf	81.62M	77.161M
6385MHz	Pass	Inf	80.96M	77.161M
6625MHz	Pass	Inf	81.4M	77.161M
6705MHz	Pass	Inf	80.96M	77.161M
6785MHz	Pass	Inf	81.18M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	161.92M	155.922M
6185MHz	Pass	Inf	163.24M	156.522M
6345MHz	Pass	Inf	162.36M	156.122M
6665MHz	Pass	Inf	163.24M	156.122M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.442M
6265MHz	Pass	Inf	324.72M	314.643M

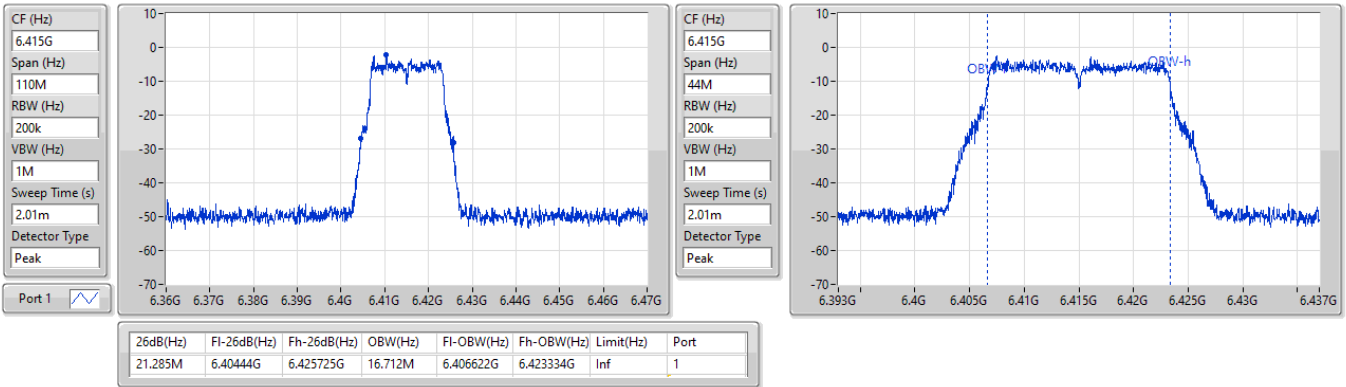
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6415MHz

23/04/2025

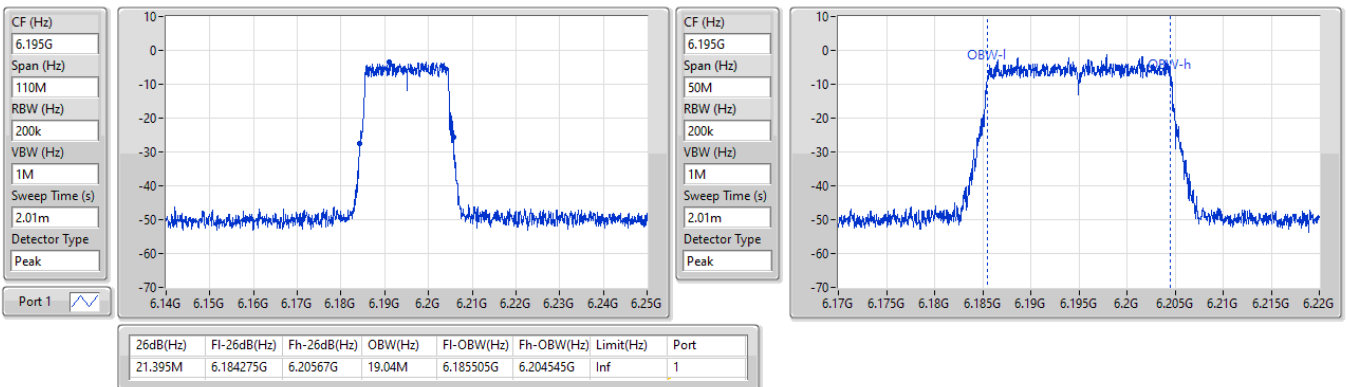


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6195MHz

23/04/2025

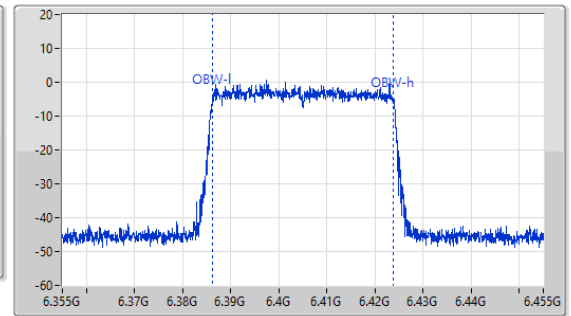
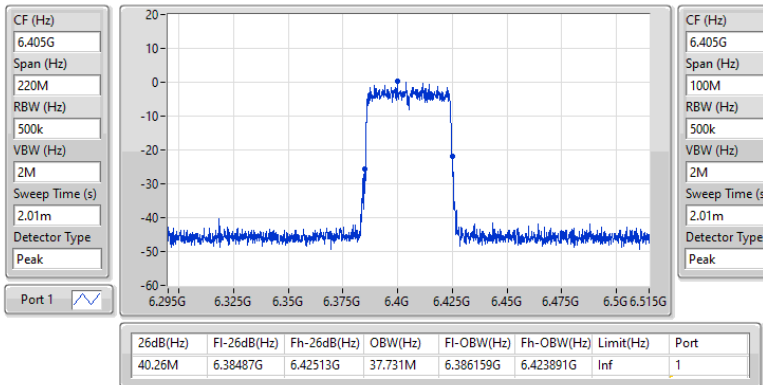


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6405MHz

23/04/2025

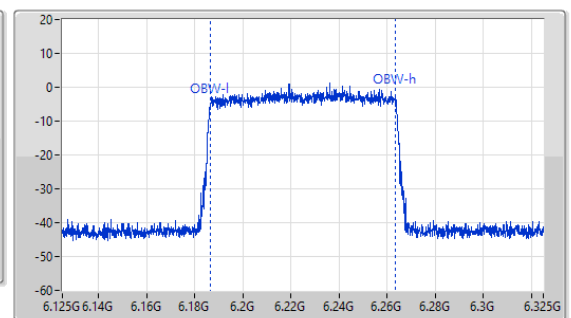
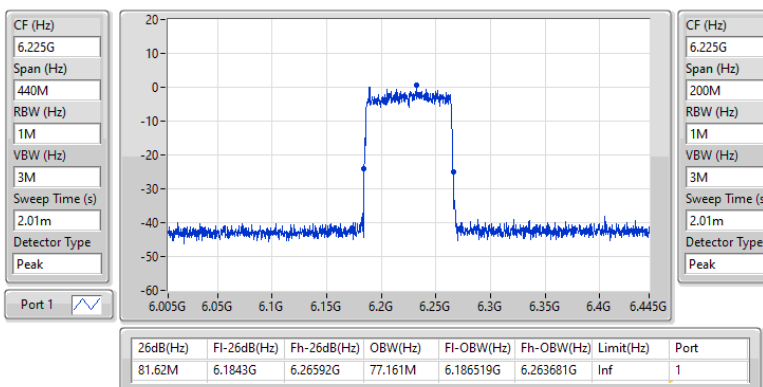


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6225MHz

23/04/2025

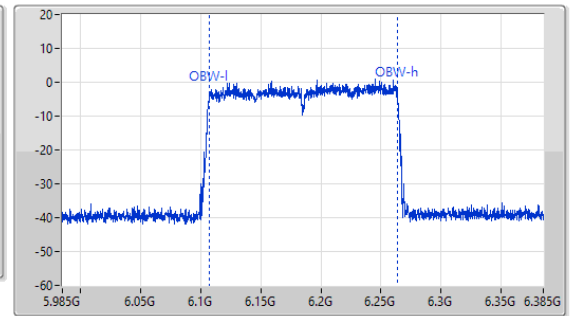
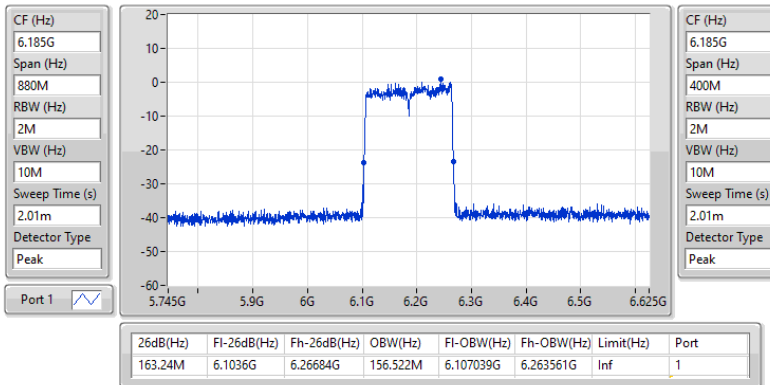


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6185MHz

23/04/2025

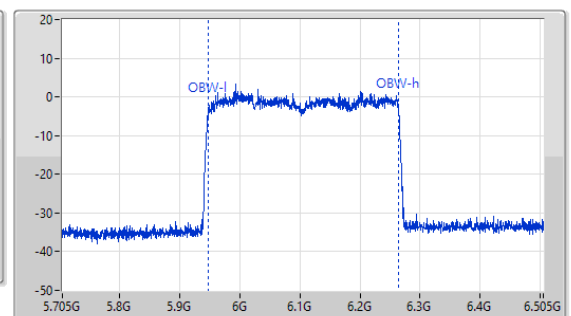
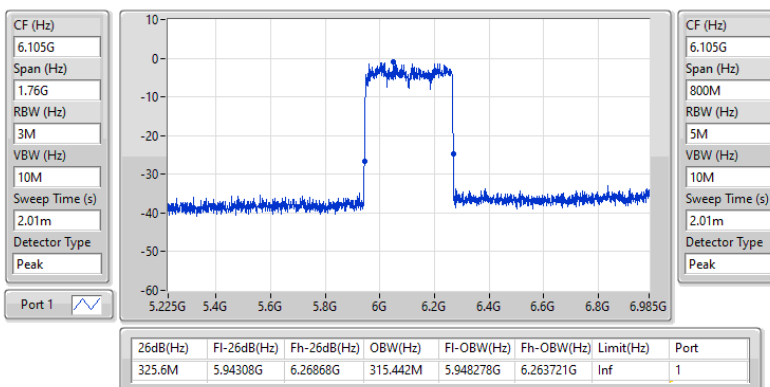


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6105MHz

23/04/2025

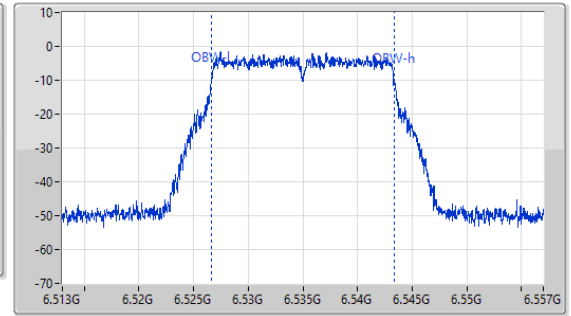
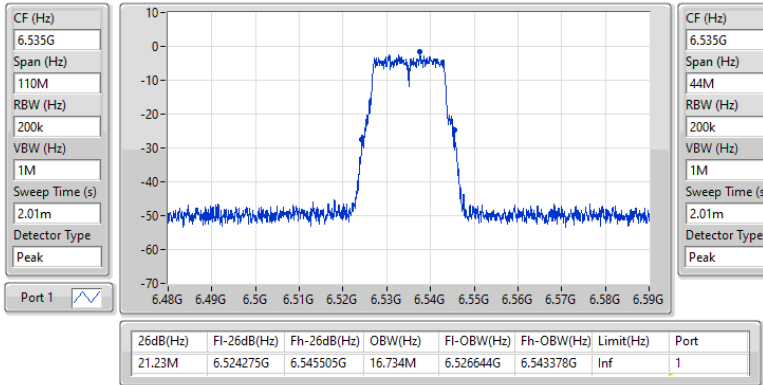


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6535MHz

23/04/2025

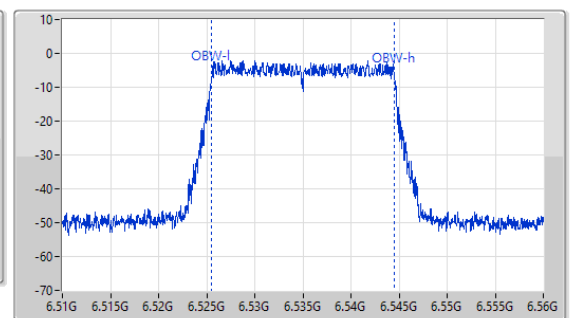
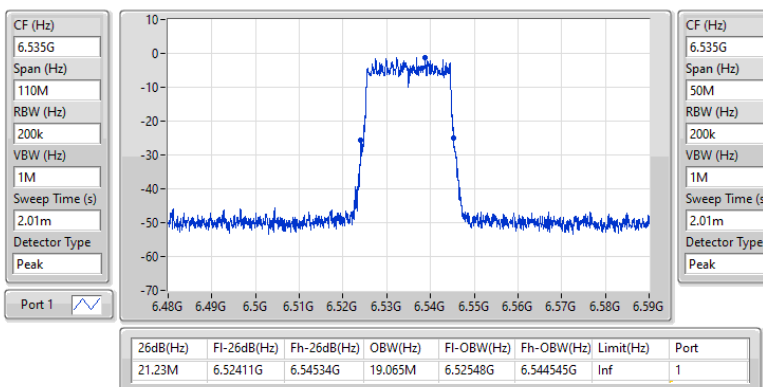


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6535MHz

23/04/2025

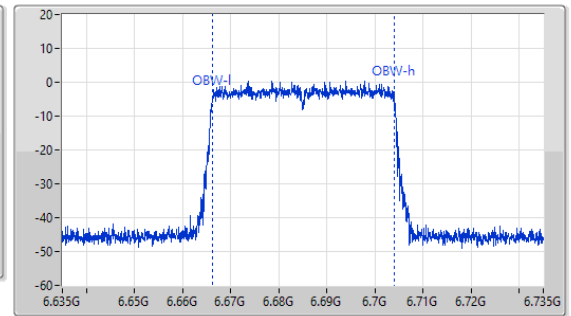
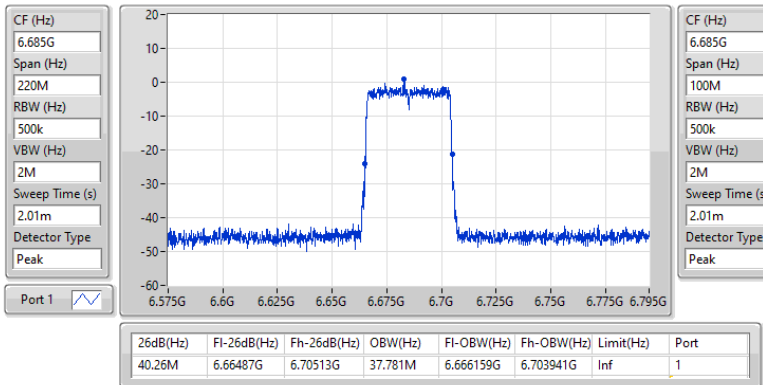


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6685MHz

23/04/2025

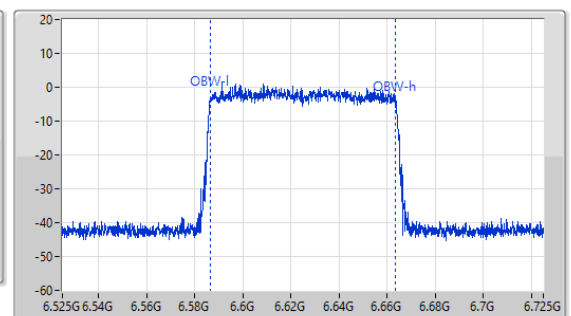
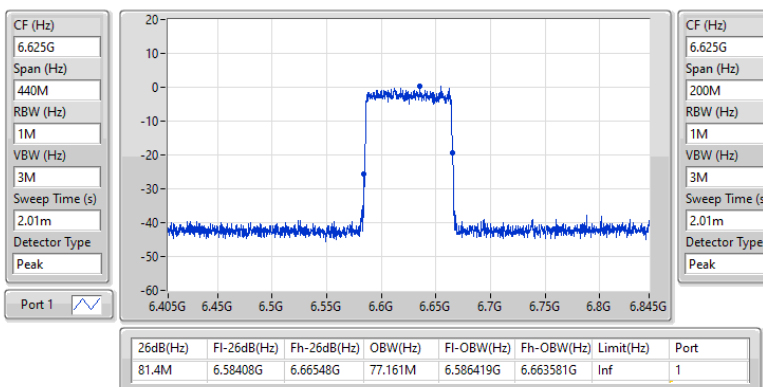


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6625MHz

23/04/2025



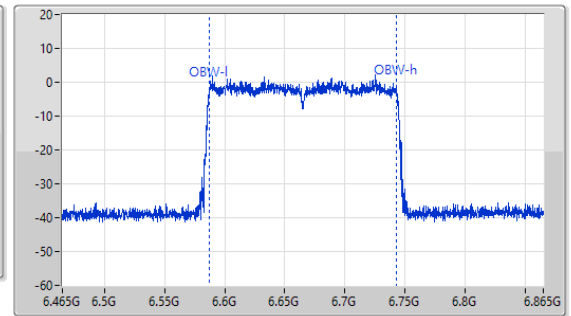
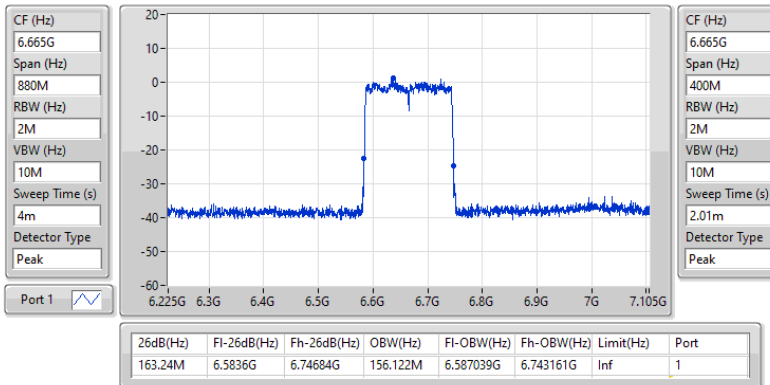


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

23/04/2025





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	21.34M	16.69M	16M7D1D	20.79M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	21.395M	19.04M	19M0D1D	20.9M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	40.37M	37.781M	37M8D1D	39.82M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.261M	77M3D1D	80.52M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	163.68M	156.322M	156MD1D	162.36M	155.722M
802.11be EHT320_Nss1,(MCS0)_2TX	326.48M	316.642M	317MD1D	324.72M	314.643M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.285M	16.734M	16M7D1D	20.845M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	21.45M	19.04M	19M0D1D	20.955M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	39.82M	37.781M	37M8D1D	39.6M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.62M	77.261M	77M3D1D	81.18M	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

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	20.79M	16.646M	20.845M	16.69M
6195MHz	Pass	Inf	21.175M	16.646M	21.34M	16.69M
6415MHz	Pass	Inf	20.955M	16.668M	21.285M	16.69M
6535MHz	Pass	Inf	21.12M	16.734M	21.175M	16.69M
6695MHz	Pass	Inf	21.065M	16.624M	20.845M	16.734M
6855MHz	Pass	Inf	21.285M	16.668M	21.12M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.23M	19.015M	21.395M	19.015M
6195MHz	Pass	Inf	20.9M	19.015M	21.065M	19.04M
6415MHz	Pass	Inf	21.34M	18.941M	21.23M	19.015M
6535MHz	Pass	Inf	20.955M	19.015M	21.45M	18.991M
6695MHz	Pass	Inf	21.45M	18.991M	20.955M	19.04M
6855MHz	Pass	Inf	21.45M	19.015M	20.955M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.82M	37.631M	39.82M	37.681M
6205MHz	Pass	Inf	39.93M	37.731M	39.82M	37.681M
6405MHz	Pass	Inf	40.04M	37.781M	40.37M	37.731M
6565MHz	Pass	Inf	39.71M	37.731M	39.82M	37.781M
6685MHz	Pass	Inf	39.71M	37.781M	39.71M	37.731M
6845MHz	Pass	Inf	39.6M	37.631M	39.71M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.18M	76.962M	80.52M	76.962M
6225MHz	Pass	Inf	81.84M	77.161M	81.62M	77.161M
6385MHz	Pass	Inf	81.18M	77.261M	80.74M	77.161M
6625MHz	Pass	Inf	81.4M	77.161M	81.4M	77.261M
6705MHz	Pass	Inf	81.18M	77.061M	81.18M	77.161M
6785MHz	Pass	Inf	81.62M	77.061M	81.62M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	162.8M	155.922M	163.68M	155.722M
6185MHz	Pass	Inf	163.24M	156.322M	163.68M	155.922M
6345MHz	Pass	Inf	162.36M	155.922M	163.68M	156.122M
6665MHz	Pass	Inf	163.24M	156.322M	163.68M	156.322M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	326.48M	315.442M	326.48M	316.642M
6265MHz	Pass	Inf	325.6M	314.643M	324.72M	315.042M

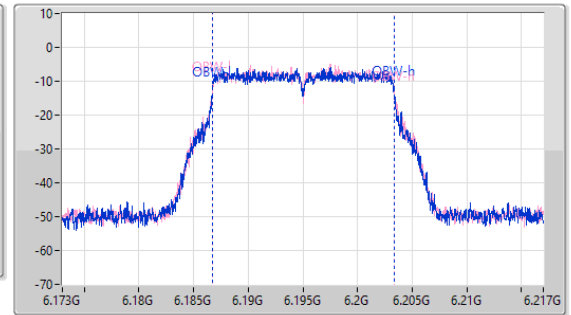
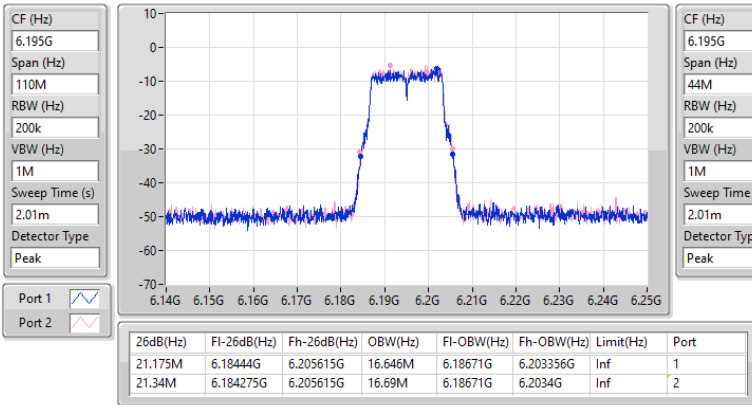
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6195MHz

23/04/2025

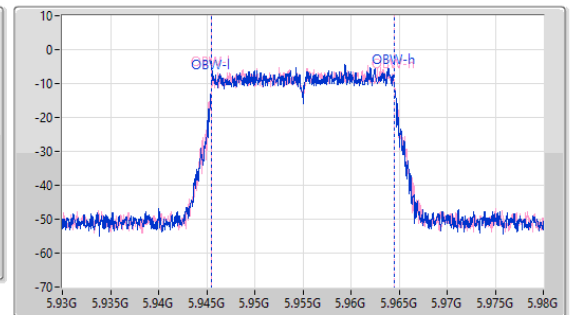
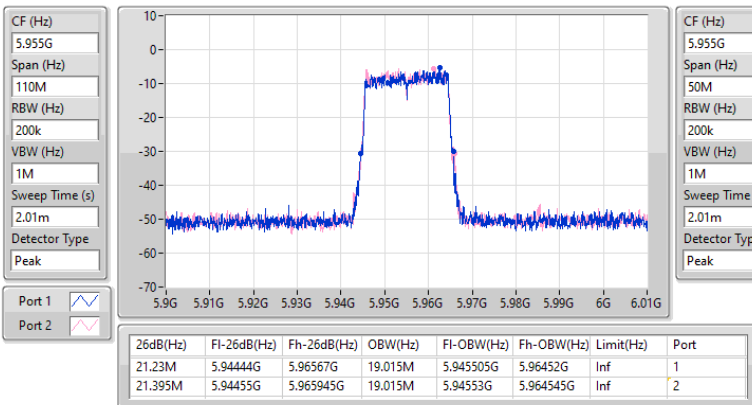


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

23/04/2025

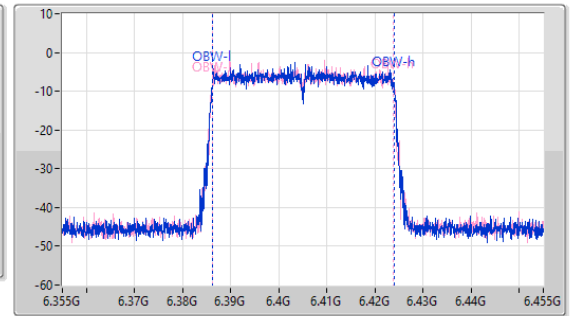
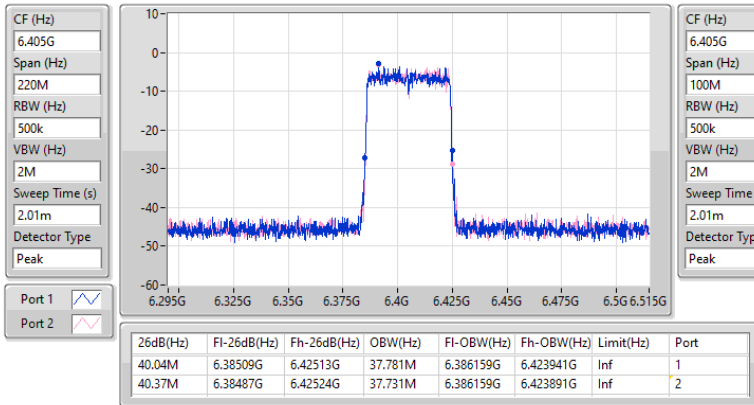


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6405MHz

23/04/2025

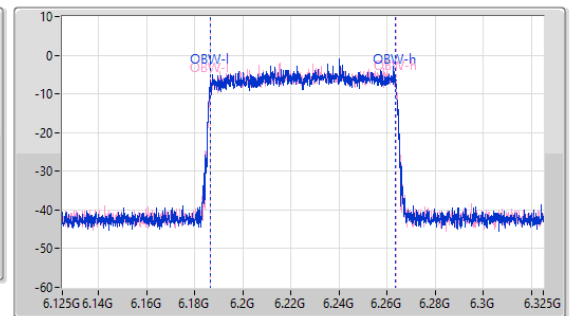
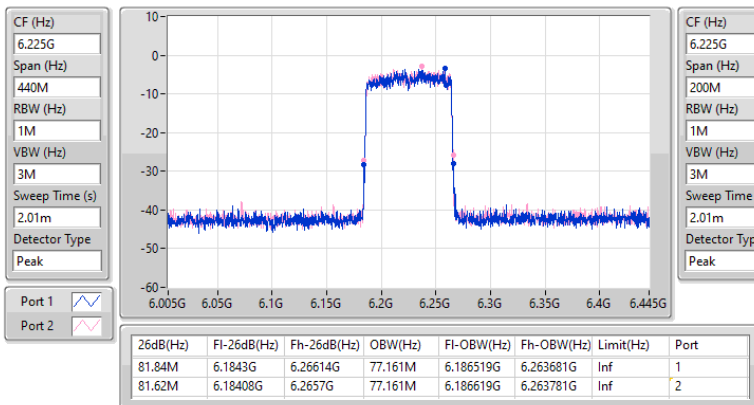


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

23/04/2025

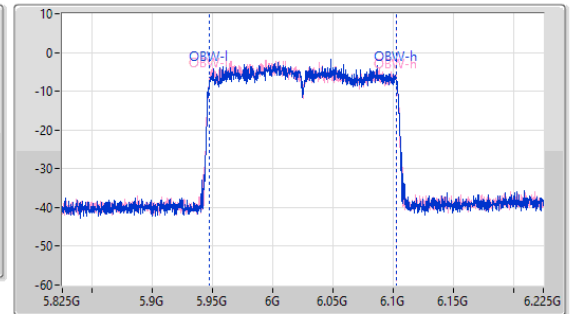
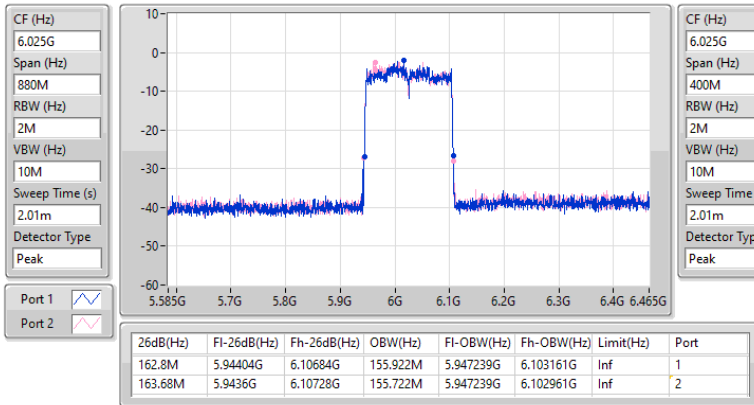


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6025MHz

23/04/2025

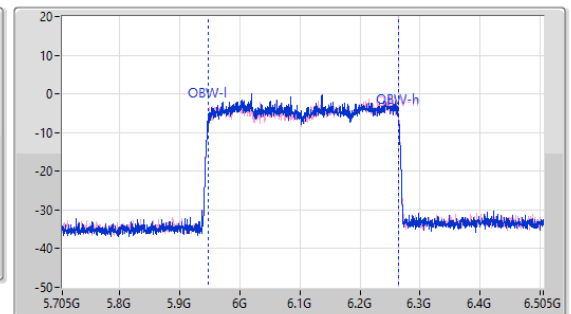
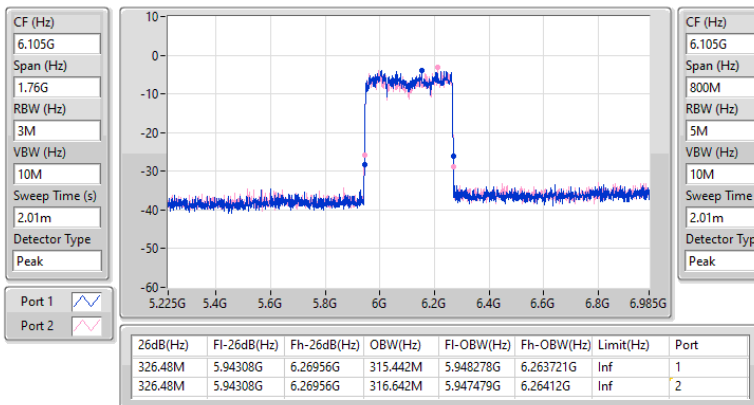


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6105MHz

23/04/2025

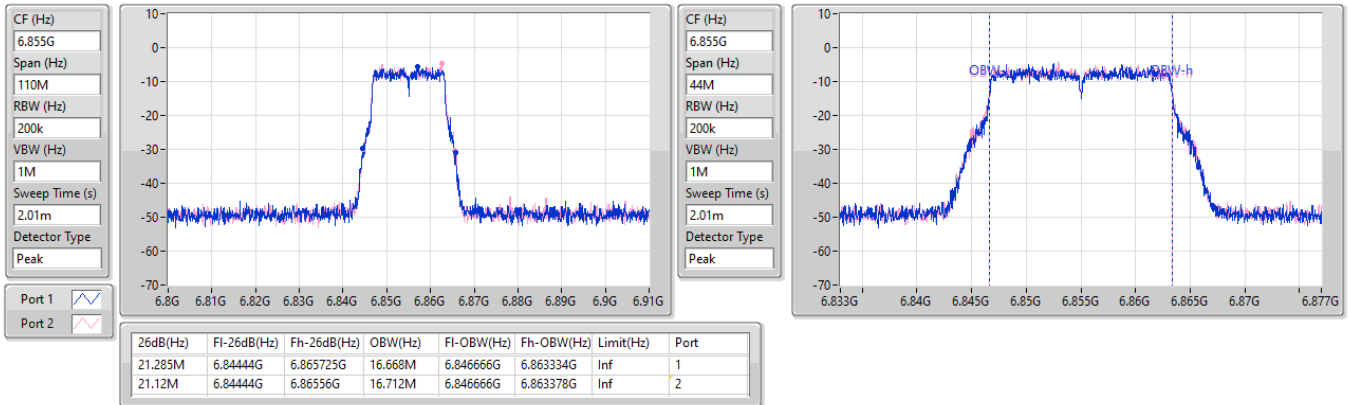


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6855MHz

23/04/2025

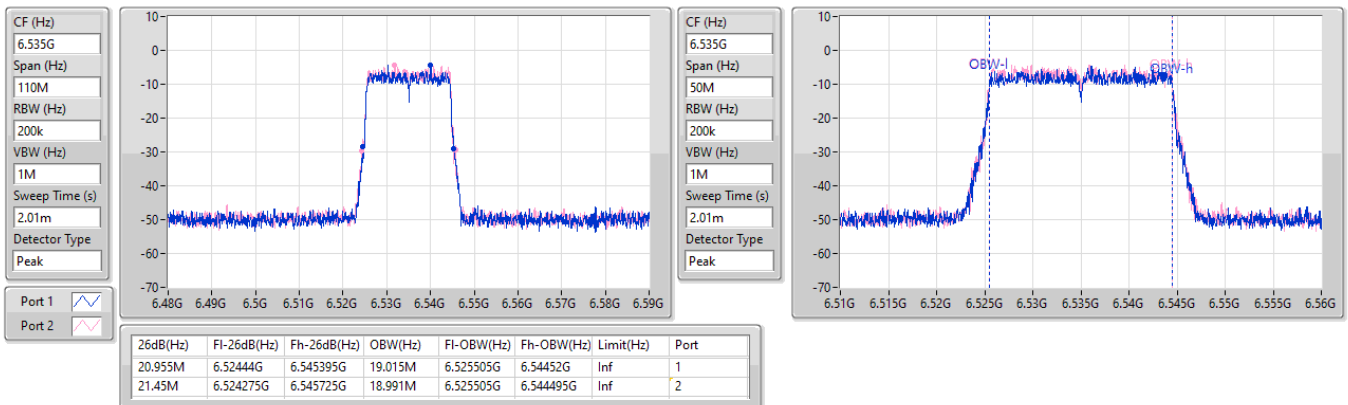


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6535MHz

23/04/2025

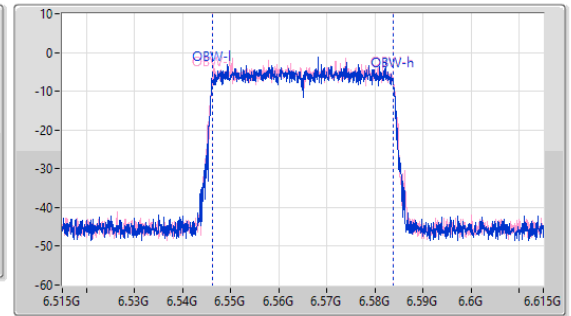
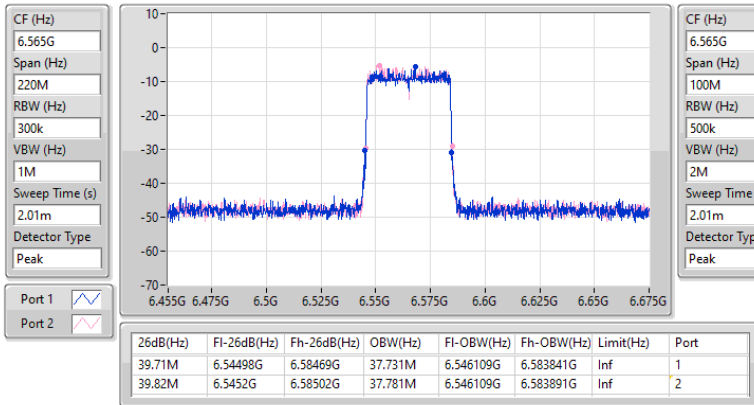


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6565MHz

23/04/2025

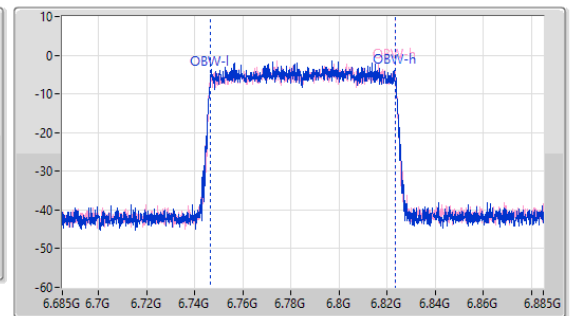
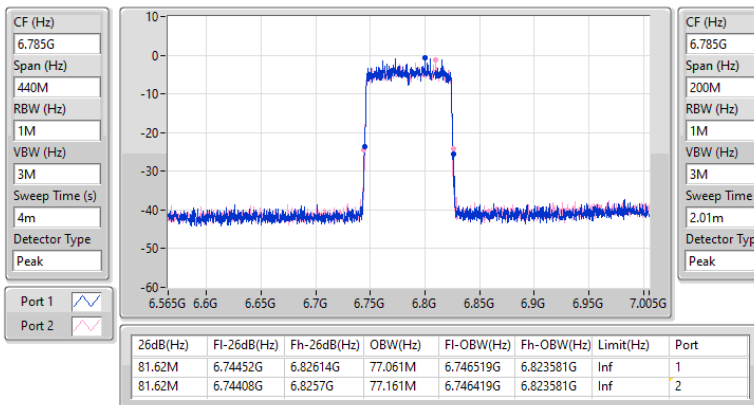


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

23/04/2025



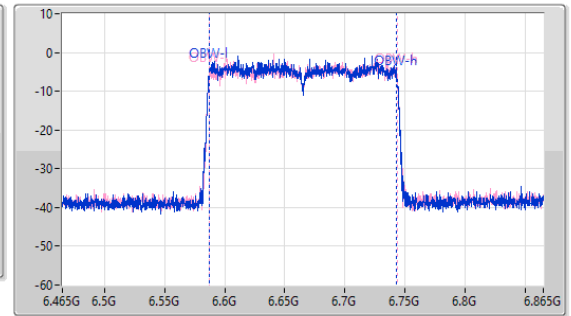
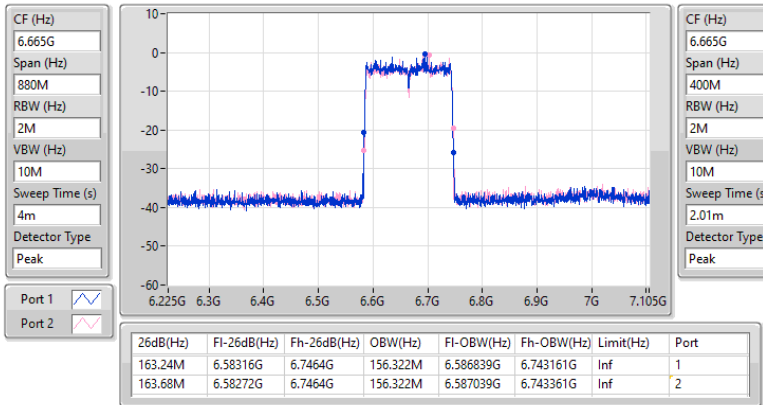


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

23/04/2025





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	21.725M	19.065M	19M1D1D	21.12M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	39.82M	37.731M	37M7D1D	39.38M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	81.62M	77.261M	77M3D1D	80.74M	76.962M
802.11be EHT160_Nss2,(MCS0)_2TX	163.68M	156.322M	156MD1D	162.36M	155.722M
802.11be EHT320_Nss2,(MCS0)_2TX	326.48M	316.642M	317MD1D	323.84M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.285M	19.09M	19M1D1D	20.955M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	40.37M	37.781M	37M8D1D	39.38M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	82.06M	77.261M	77M3D1D	80.52M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	164.56M	156.322M	156MD1D	164.12M	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_Outdoor_Peak Gain

Appendix B.8

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	21.725M	19.015M	21.67M	19.04M
6195MHz	Pass	Inf	21.12M	19.015M	21.12M	19.04M
6415MHz	Pass	Inf	21.285M	19.04M	21.175M	19.065M
6535MHz	Pass	Inf	21.285M	19.015M	20.955M	19.04M
6695MHz	Pass	Inf	21.175M	18.991M	21.23M	18.991M
6855MHz	Pass	Inf	21.12M	19.04M	21.065M	19.09M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.38M	37.731M	39.38M	37.731M
6205MHz	Pass	Inf	39.6M	37.681M	39.38M	37.631M
6405MHz	Pass	Inf	39.82M	37.731M	39.6M	37.681M
6565MHz	Pass	Inf	39.6M	37.731M	39.82M	37.731M
6685MHz	Pass	Inf	39.38M	37.731M	39.93M	37.731M
6845MHz	Pass	Inf	40.26M	37.781M	40.37M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.74M	76.962M	80.96M	76.962M
6225MHz	Pass	Inf	81.18M	77.161M	81.62M	77.061M
6385MHz	Pass	Inf	81.18M	77.161M	81.18M	77.261M
6625MHz	Pass	Inf	80.74M	77.161M	80.52M	77.261M
6705MHz	Pass	Inf	81.4M	77.261M	81.18M	77.261M
6785MHz	Pass	Inf	82.06M	77.161M	82.06M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.24M	155.722M	163.24M	156.122M
6185MHz	Pass	Inf	163.24M	156.122M	162.36M	156.322M
6345MHz	Pass	Inf	163.68M	156.322M	162.8M	156.322M
6665MHz	Pass	Inf	164.12M	156.122M	164.56M	156.322M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	323.84M	315.842M	326.48M	316.642M
6265MHz	Pass	Inf	326.48M	315.042M	324.72M	315.042M

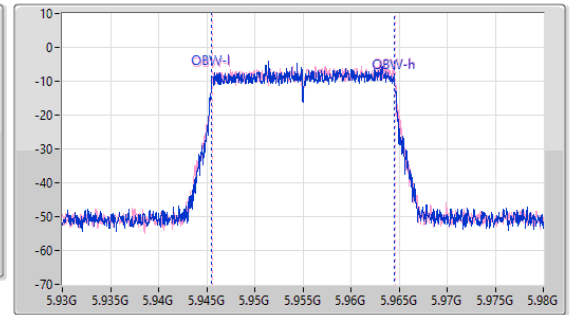
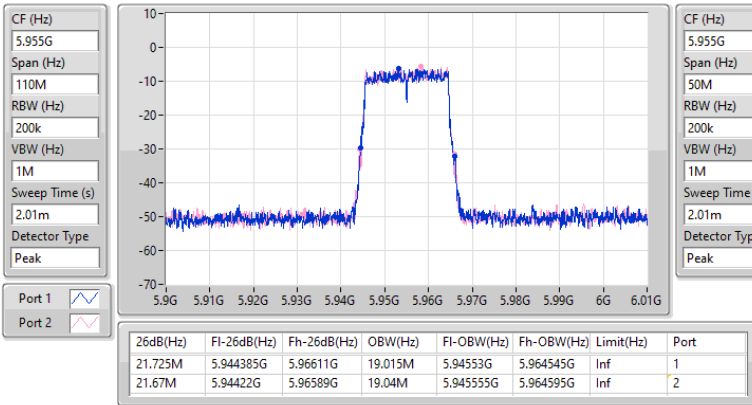
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

23/04/2025

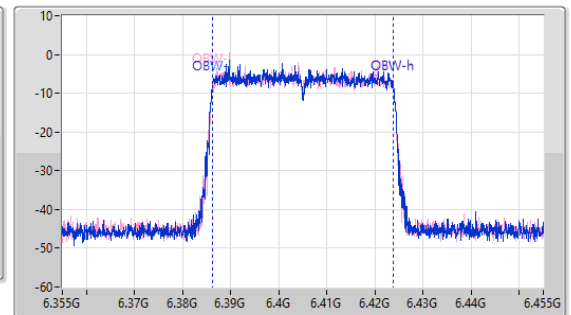


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6405MHz

23/04/2025

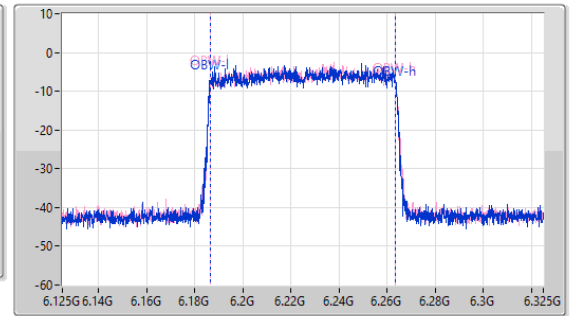
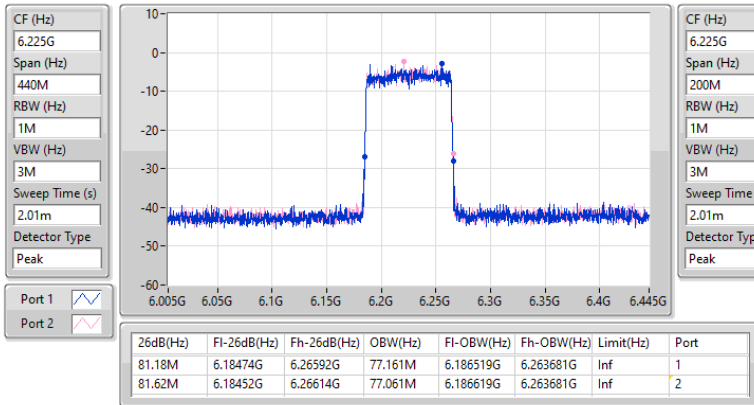


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6225MHz

23/04/2025

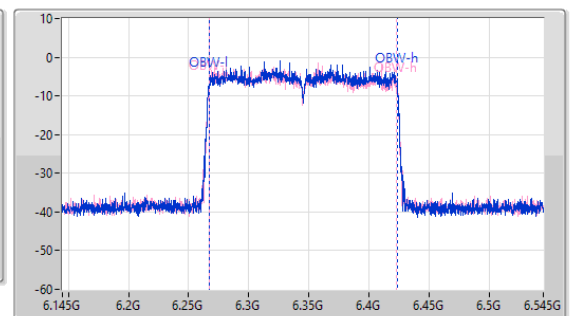
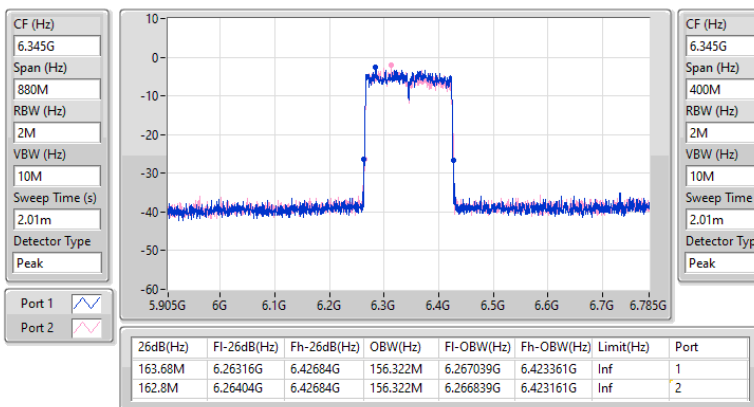


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6345MHz

23/04/2025

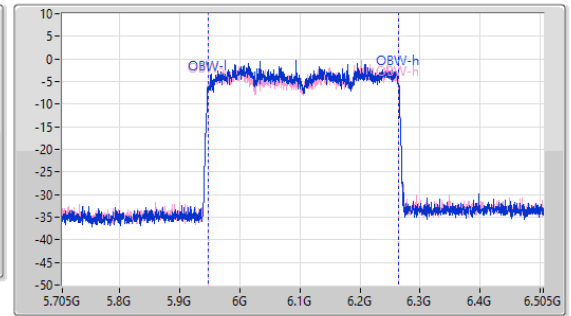
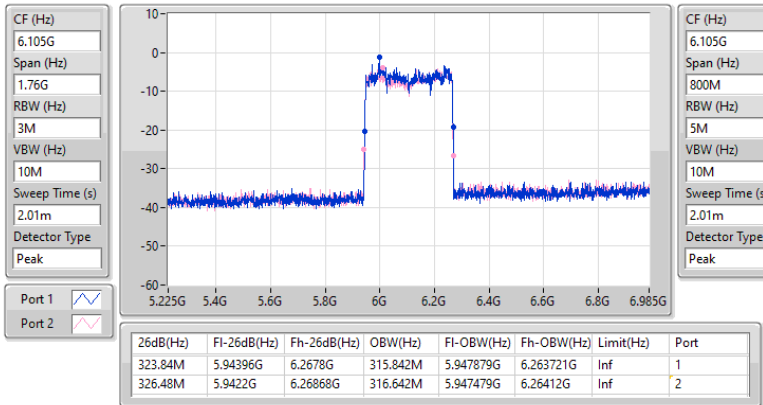


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6105MHz

23/04/2025

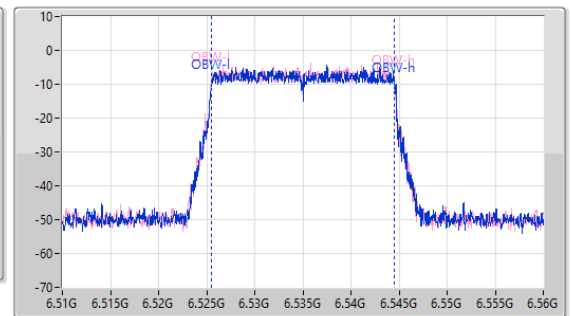
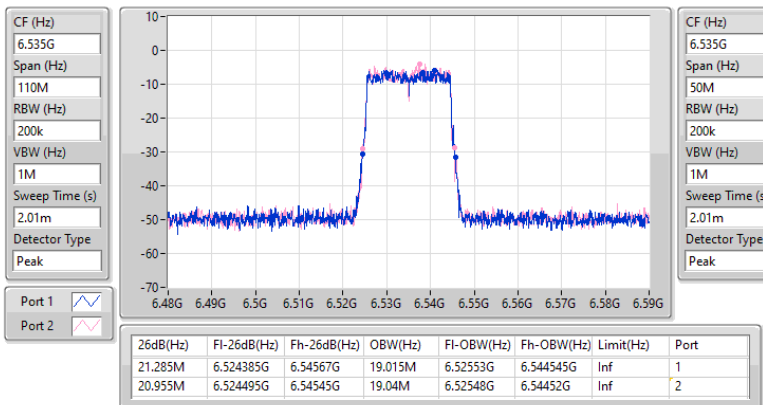


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

23/04/2025

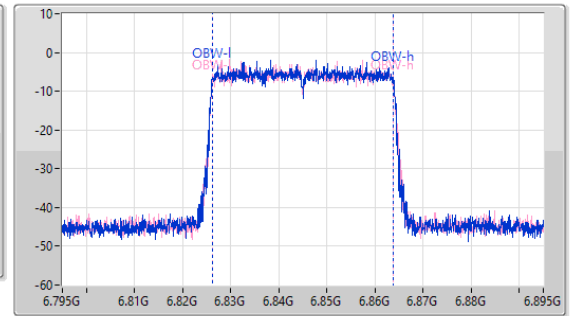
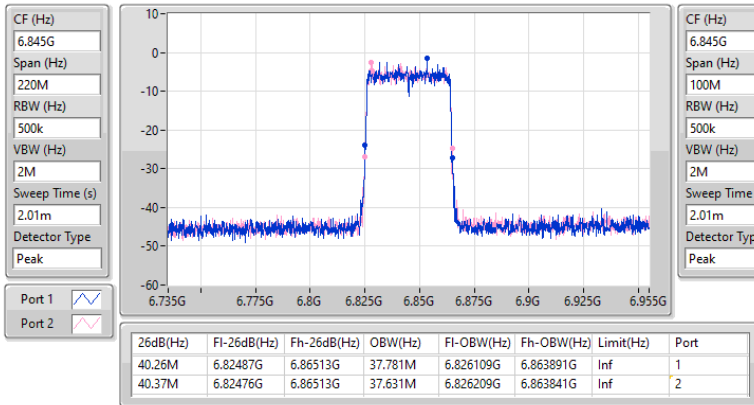


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6845MHz

23/04/2025

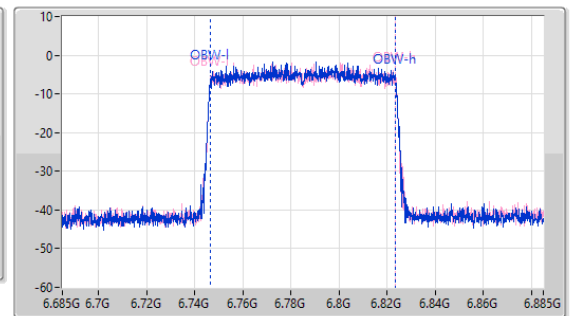
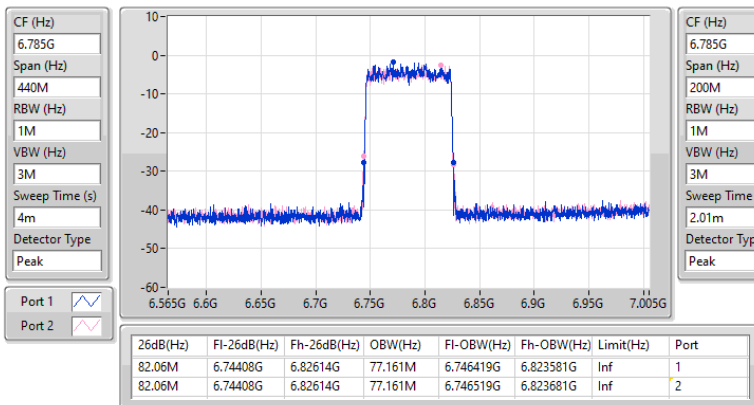


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6785MHz

23/04/2025



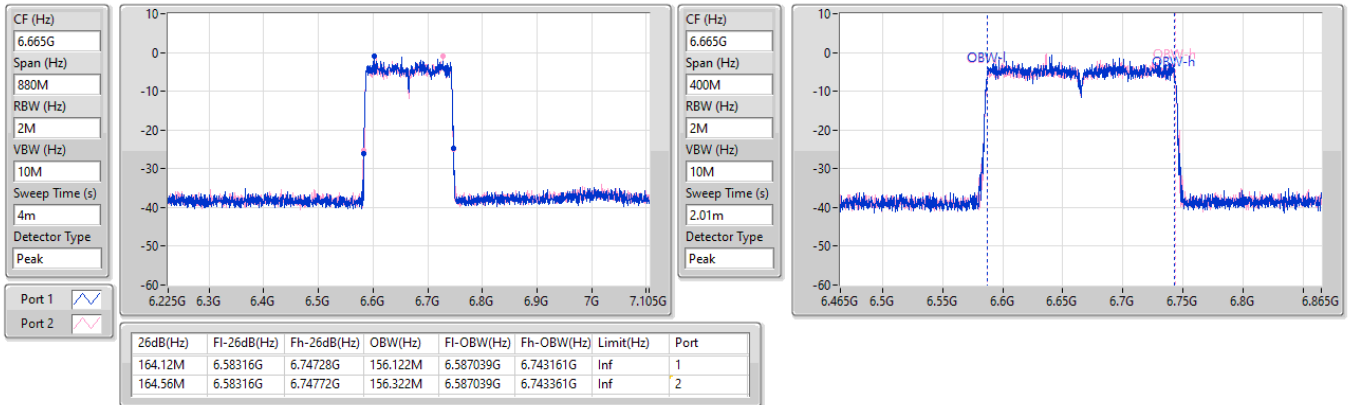


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

23/04/2025





EBW_Non-Beamforming_ Radio 3_1T1S_Outdoor_30 Degree 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	26.125M	16.998M	17M0D1D	20.735M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	26.345M	19.14M	19M1D1D	21.395M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	44.77M	37.881M	37M9D1D	40.15M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	101.64M	77.361M	77M4D1D	80.52M	77.061M
802.11be EHT160_Nss1,(MCS0)_1TX	212.52M	156.922M	157MD1D	163.24M	155.922M
802.11be EHT320_Nss1,(MCS0)_1TX	325.6M	316.242M	316MD1D	323.84M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.175M	16.712M	16M7D1D	21.01M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	21.725M	19.09M	19M1D1D	21.12M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	40.04M	37.781M	37M8D1D	39.6M	37.681M
802.11be EHT80_Nss1,(MCS0)_1TX	81.84M	77.261M	77M3D1D	81.62M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	165M	156.522M	157MD1D	165M	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_1T1S_Outdoor_30 Degree 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	26.125M	16.998M
6195MHz	Pass	Inf	20.735M	16.712M
6415MHz	Pass	Inf	21.615M	16.778M
6535MHz	Pass	Inf	21.175M	16.712M
6695MHz	Pass	Inf	21.01M	16.712M
6855MHz	Pass	Inf	21.175M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	26.345M	19.14M
6195MHz	Pass	Inf	21.45M	19.065M
6415MHz	Pass	Inf	21.395M	19.115M
6535MHz	Pass	Inf	21.12M	19.09M
6695MHz	Pass	Inf	21.725M	18.991M
6855MHz	Pass	Inf	21.615M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	40.15M	37.781M
6205MHz	Pass	Inf	40.15M	37.881M
6405MHz	Pass	Inf	44.77M	37.831M
6565MHz	Pass	Inf	39.6M	37.681M
6685MHz	Pass	Inf	39.6M	37.731M
6845MHz	Pass	Inf	40.04M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	94.16M	77.061M
6225MHz	Pass	Inf	80.52M	77.261M
6385MHz	Pass	Inf	101.64M	77.361M
6625MHz	Pass	Inf	81.62M	77.261M
6705MHz	Pass	Inf	81.84M	77.161M
6785MHz	Pass	Inf	81.62M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	163.24M	155.922M
6185MHz	Pass	Inf	183.48M	156.922M
6345MHz	Pass	Inf	212.52M	156.922M
6665MHz	Pass	Inf	165M	156.522M
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-
6105MHz	Pass	Inf	325.6M	315.042M
6265MHz	Pass	Inf	323.84M	316.242M

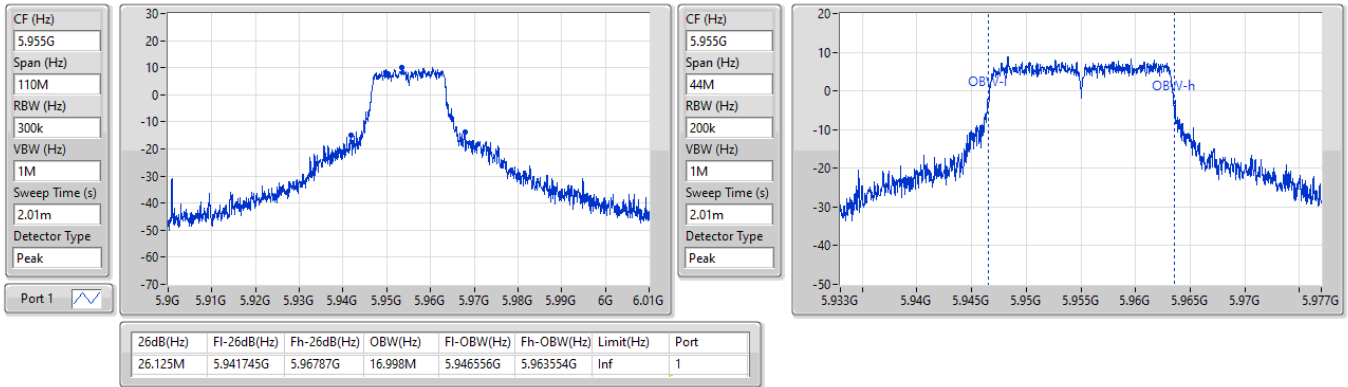
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

22/04/2025

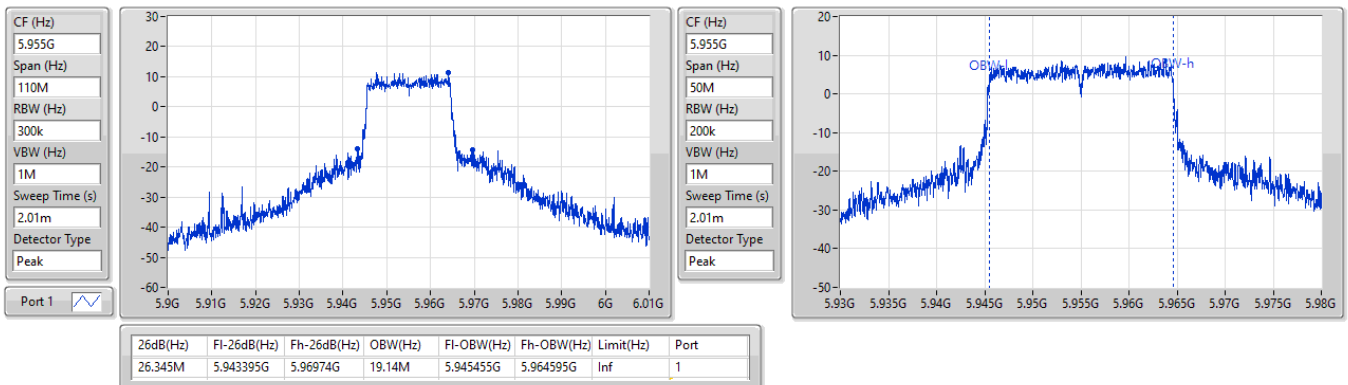


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

23/04/2025

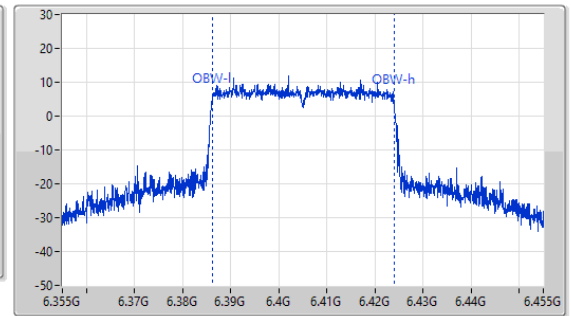
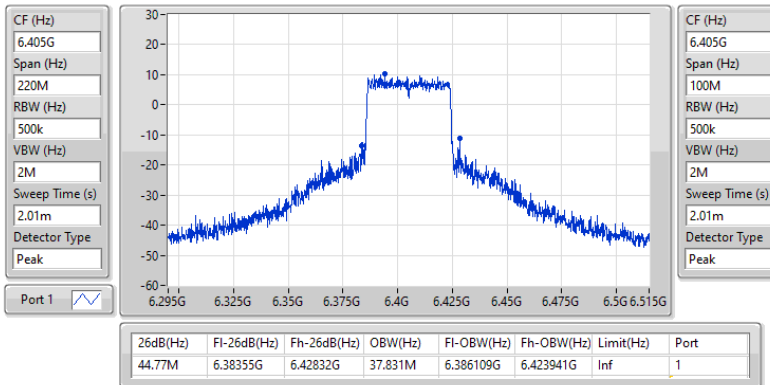


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6405MHz

23/04/2025

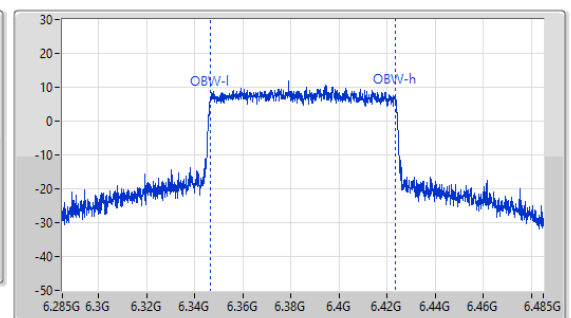
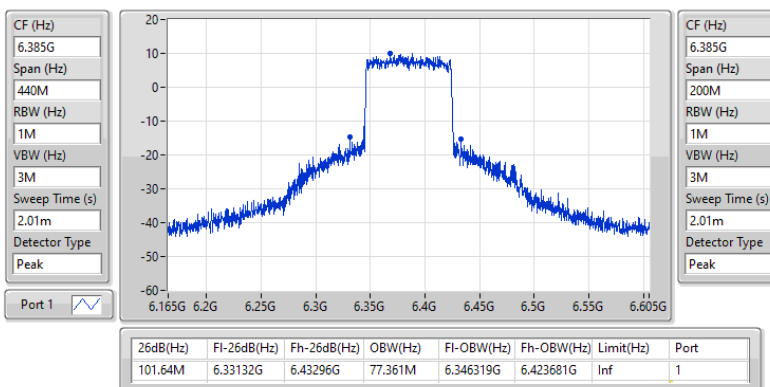


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6385MHz

23/04/2025

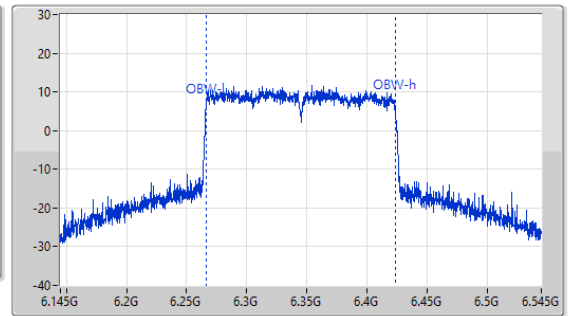
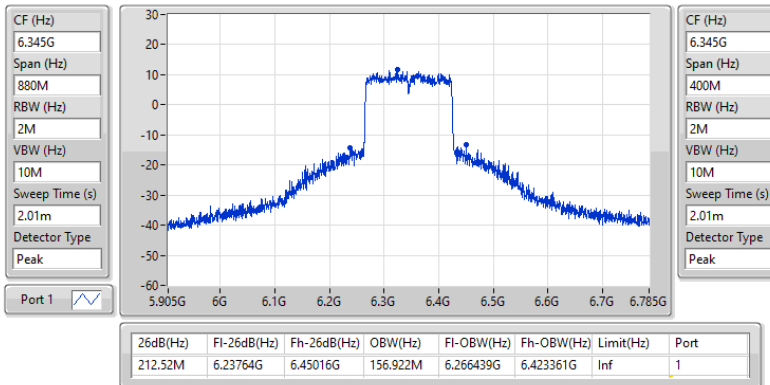


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6345MHz

23/04/2025

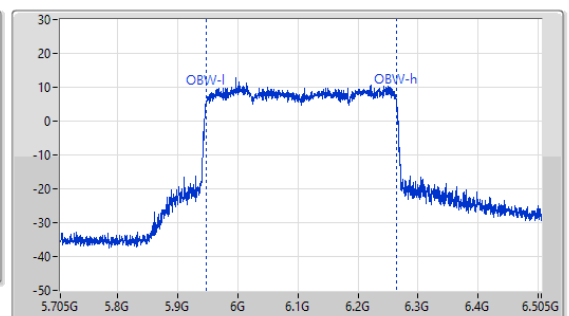
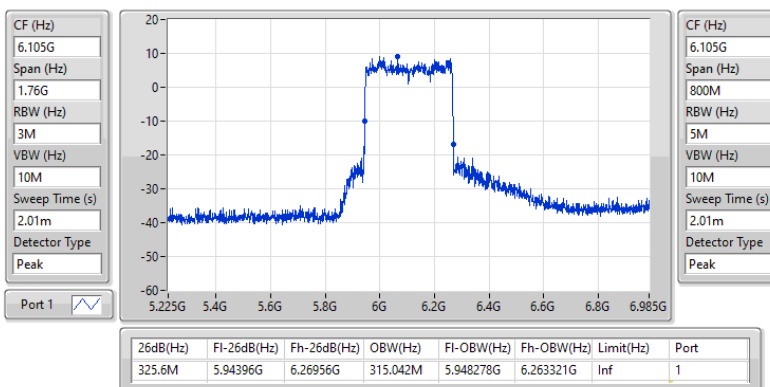


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6105MHz

23/04/2025

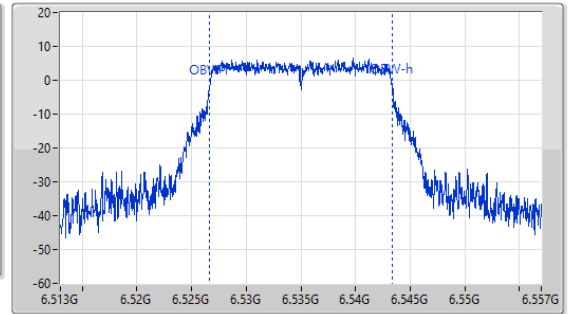
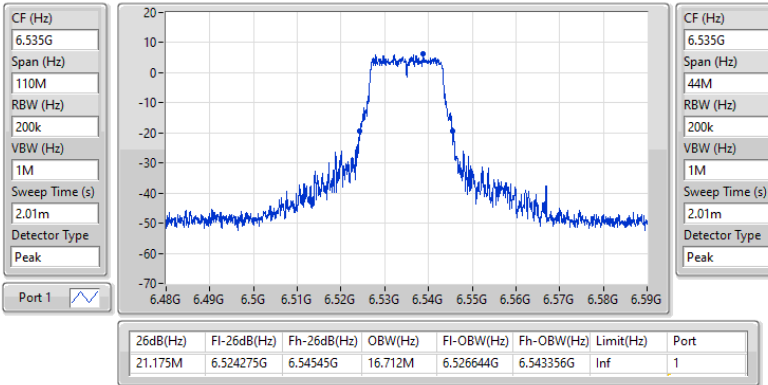


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

6535MHz

23/04/2025

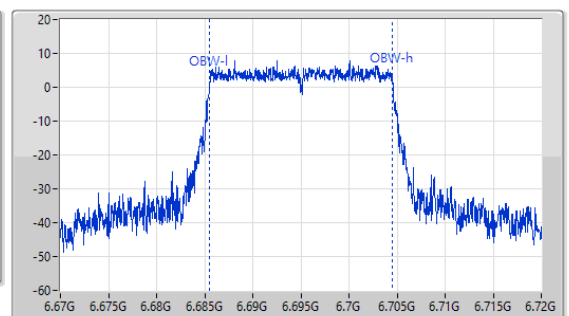
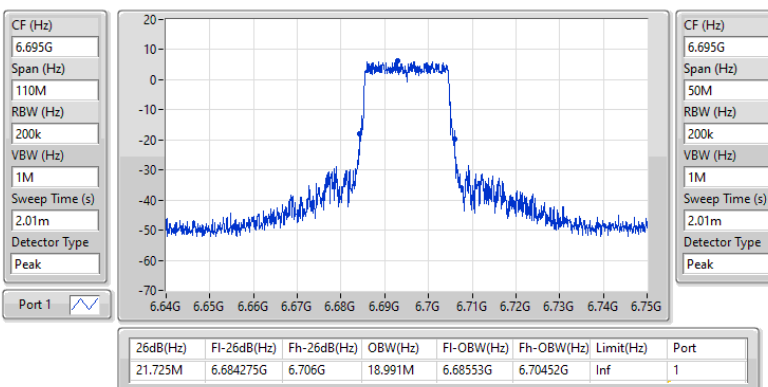


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6695MHz

23/04/2025

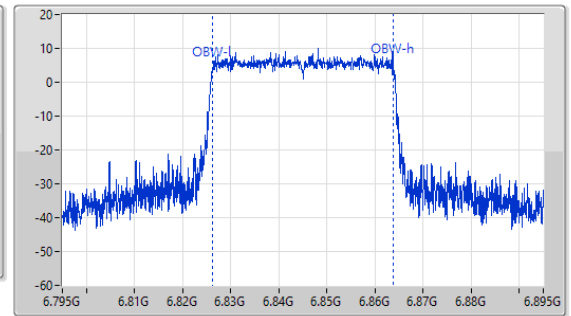
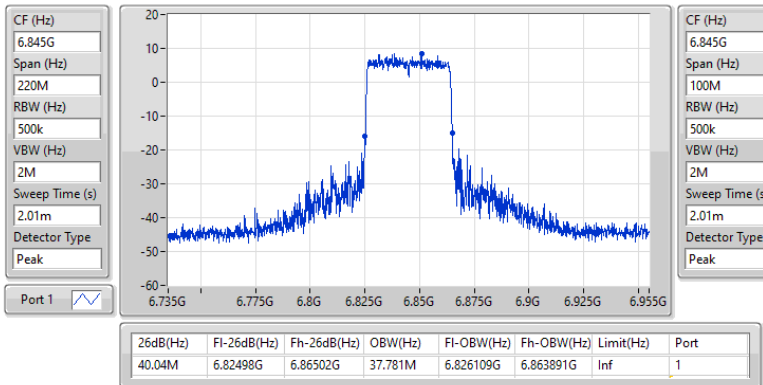


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

6845MHz

23/04/2025

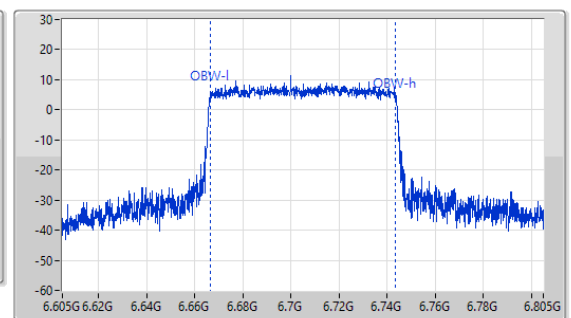
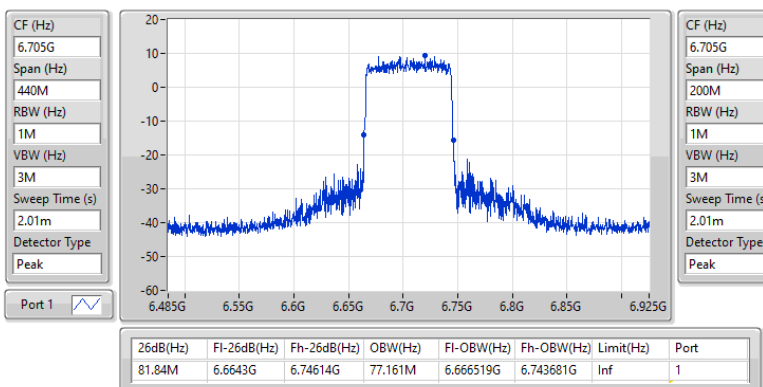


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

6705MHz

23/04/2025



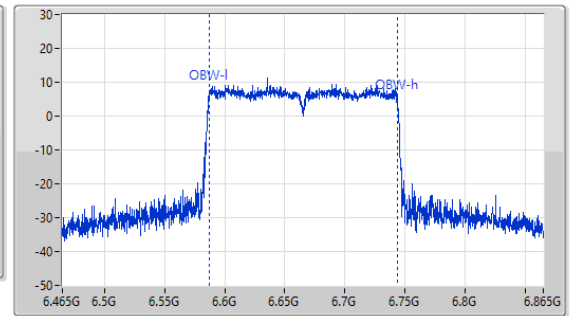
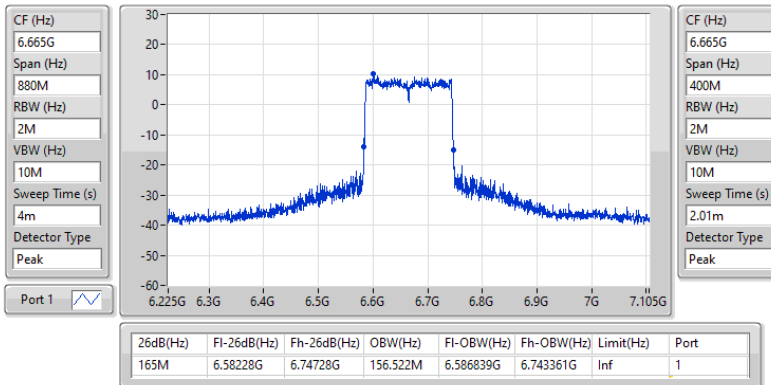


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

6665MHz

23/04/2025





EBW_Non-Beamforming_ Radio 3_2T1S_Outdoor_30 Degree 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	21.505M	16.69M	16M7D1D	20.735M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	21.45M	19.065M	19M1D1D	21.065M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	40.15M	37.831M	37M8D1D	39.49M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.4M	77.261M	77M3D1D	80.08M	76.862M
802.11be EHT160_Nss1,(MCS0)_2TX	164.56M	156.522M	157MD1D	161.92M	156.122M
802.11be EHT320_Nss1,(MCS0)_2TX	325.6M	315.842M	316MD1D	323.84M	314.643M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.175M	16.668M	16M7D1D	20.735M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	21.285M	19.04M	19M0D1D	20.625M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	40.26M	37.731M	37M7D1D	39.49M	37.631M
802.11be EHT80_Nss1,(MCS0)_2TX	81.62M	77.261M	77M3D1D	80.3M	77.061M
802.11be EHT160_Nss1,(MCS0)_2TX	163.68M	156.322M	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_2T1S_Outdoor_30 Degree 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	21.065M	16.646M	20.79M	16.668M
6195MHz	Pass	Inf	20.735M	16.624M	20.955M	16.646M
6415MHz	Pass	Inf	21.505M	16.646M	21.175M	16.69M
6535MHz	Pass	Inf	21.12M	16.668M	21.175M	16.646M
6695MHz	Pass	Inf	20.735M	16.602M	21.01M	16.668M
6855MHz	Pass	Inf	21.175M	16.668M	21.12M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	21.065M	19.04M	21.12M	19.015M
6195MHz	Pass	Inf	21.12M	19.04M	21.45M	19.065M
6415MHz	Pass	Inf	21.45M	19.04M	21.12M	19.015M
6535MHz	Pass	Inf	20.625M	18.966M	21.175M	19.015M
6695MHz	Pass	Inf	21.175M	19.015M	21.065M	19.04M
6855MHz	Pass	Inf	21.23M	19.015M	21.285M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.49M	37.681M	39.82M	37.731M
6205MHz	Pass	Inf	39.71M	37.681M	39.71M	37.681M
6405MHz	Pass	Inf	40.15M	37.831M	40.04M	37.631M
6565MHz	Pass	Inf	39.49M	37.681M	39.71M	37.681M
6685MHz	Pass	Inf	39.82M	37.631M	39.6M	37.731M
6845MHz	Pass	Inf	40.26M	37.681M	40.04M	37.681M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.08M	76.862M	80.74M	77.061M
6225MHz	Pass	Inf	80.3M	77.161M	81.4M	77.061M
6385MHz	Pass	Inf	81.4M	77.261M	80.74M	77.061M
6625MHz	Pass	Inf	80.3M	77.261M	81.4M	77.061M
6705MHz	Pass	Inf	81.18M	77.061M	80.96M	77.161M
6785MHz	Pass	Inf	81.62M	77.061M	81.4M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	161.92M	156.122M	163.24M	156.122M
6185MHz	Pass	Inf	163.68M	156.522M	163.24M	156.322M
6345MHz	Pass	Inf	162.8M	156.322M	164.56M	156.322M
6665MHz	Pass	Inf	163.68M	156.122M	163.24M	156.322M
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	323.84M	315.042M	324.72M	315.842M
6265MHz	Pass	Inf	325.6M	315.042M	325.6M	314.643M

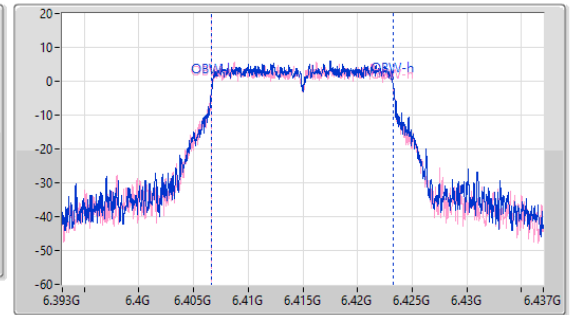
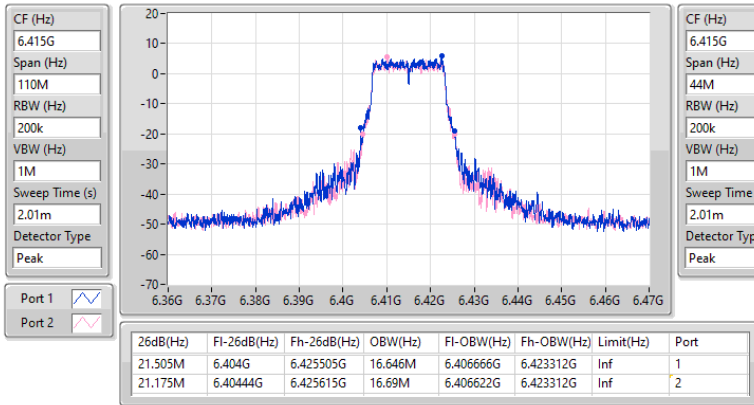
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

6415MHz

24/04/2025

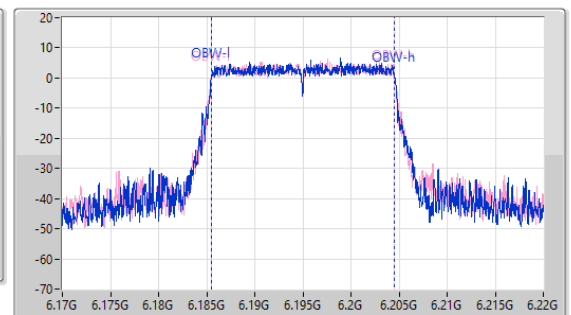
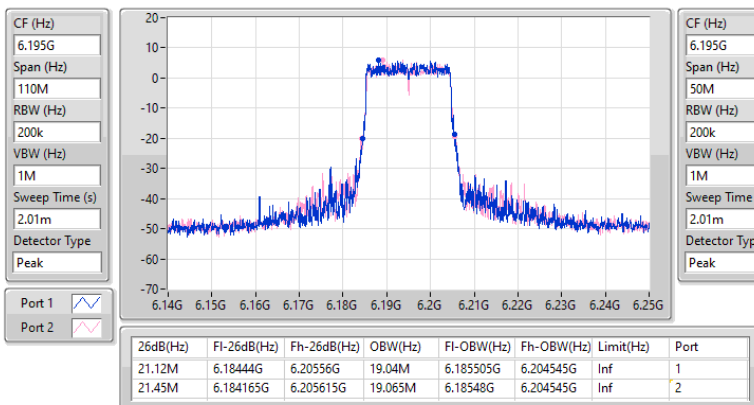


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6195MHz

24/04/2025

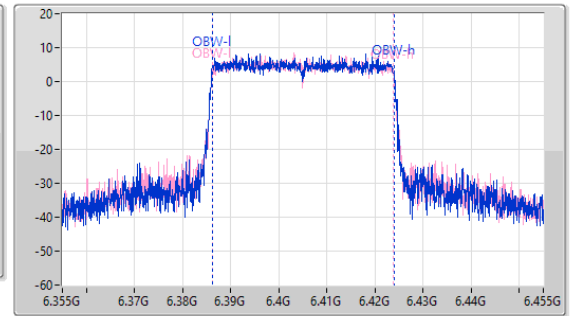
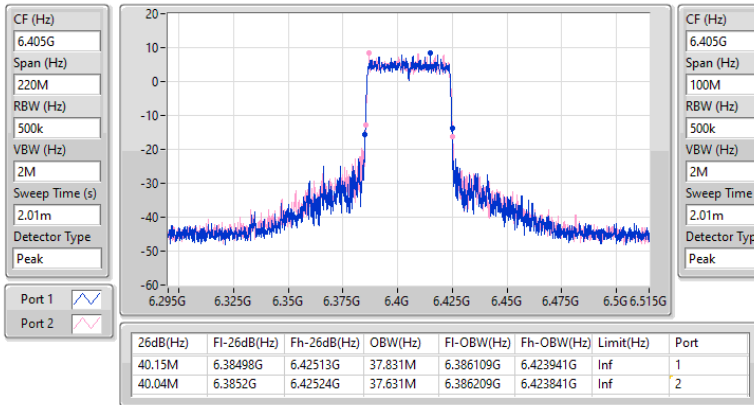


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6405MHz

24/04/2025

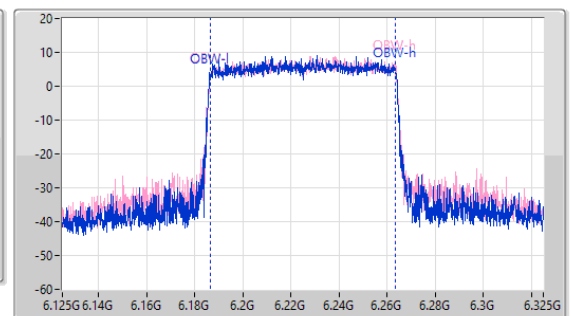
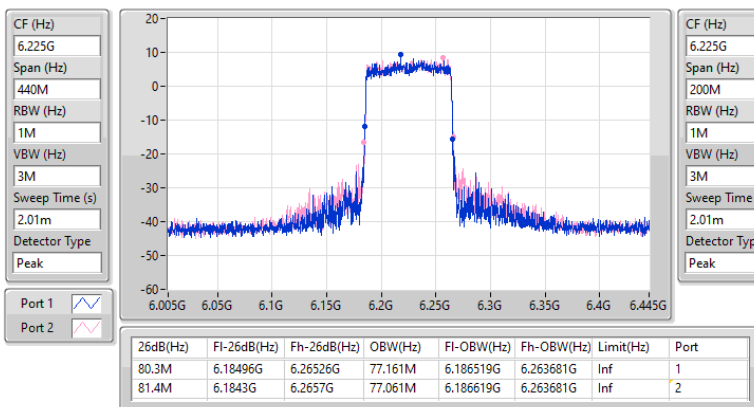


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6225MHz

24/04/2025

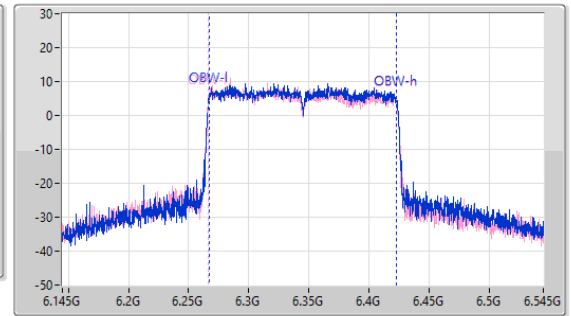
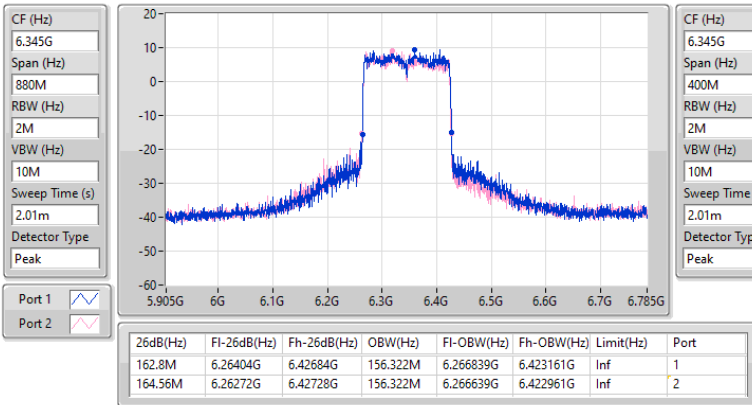


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6345MHz

24/04/2025

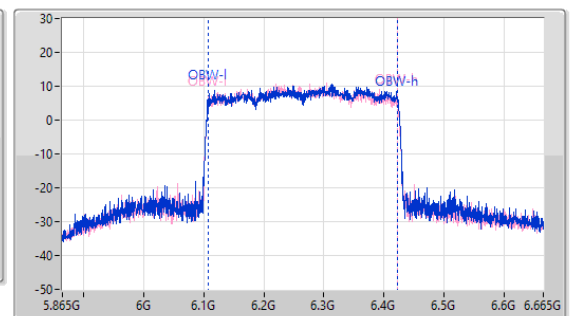
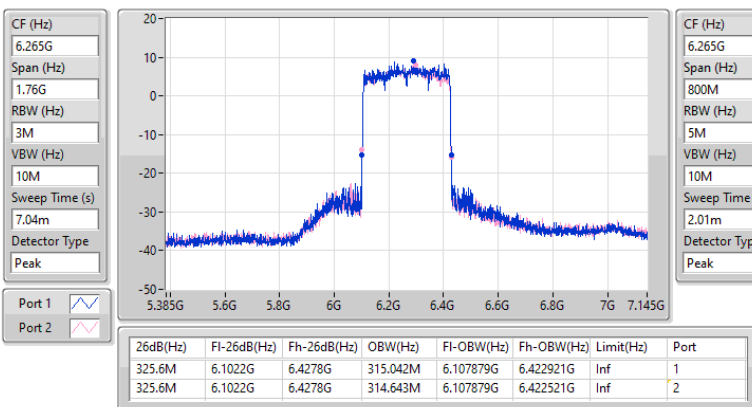


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX

EBW

6265MHz

24/04/2025

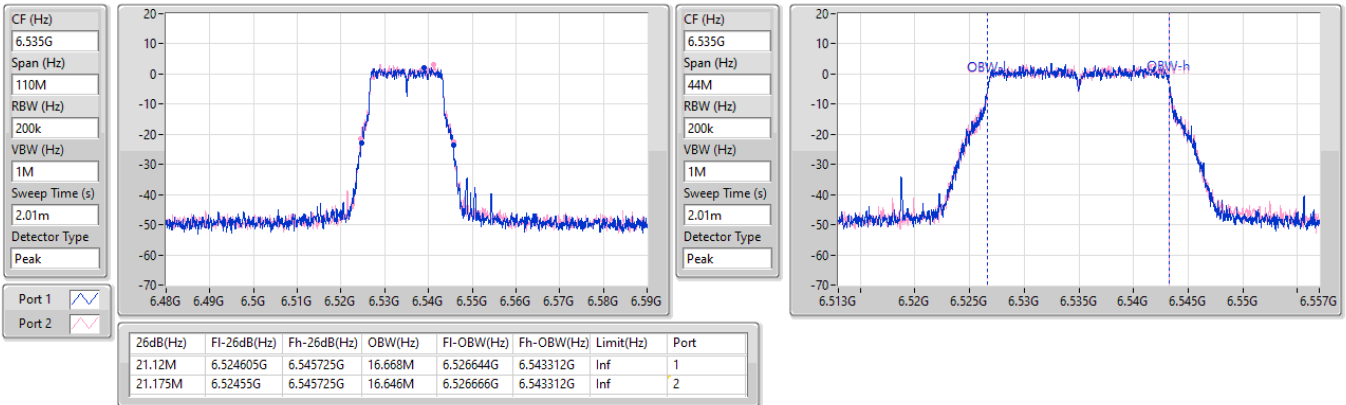


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

6535MHz

24/04/2025

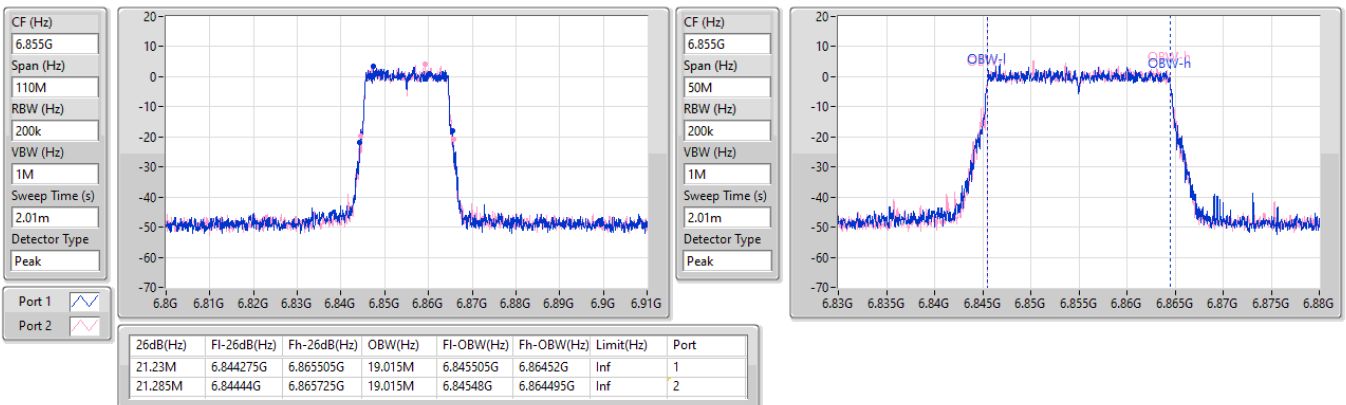


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

6855MHz

24/04/2025

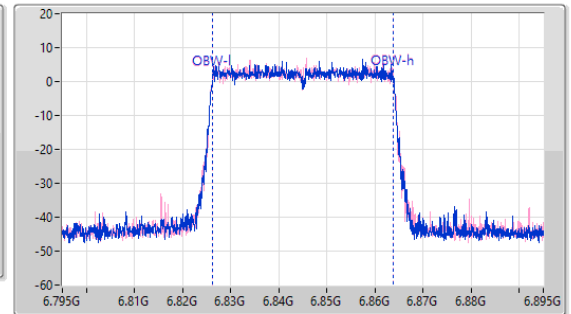
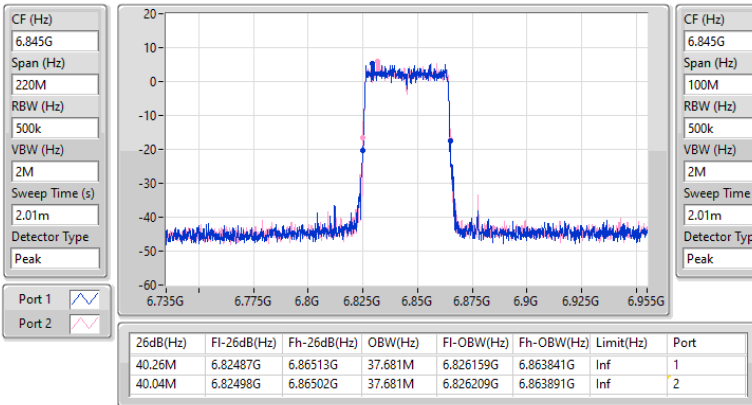


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

6845MHz

24/04/2025

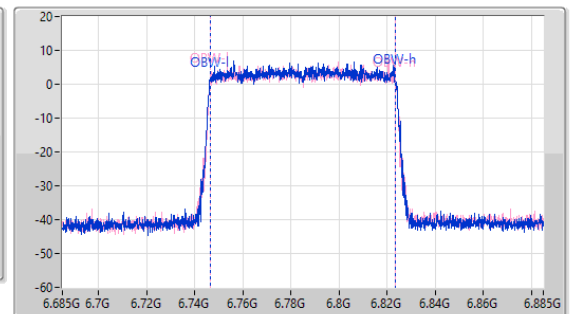
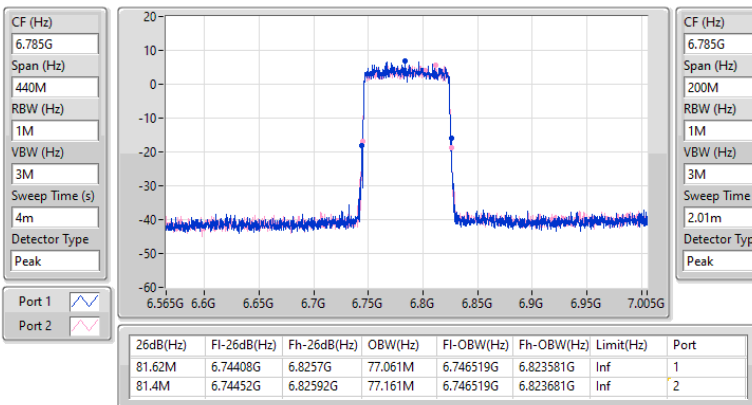


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6785MHz

24/04/2025



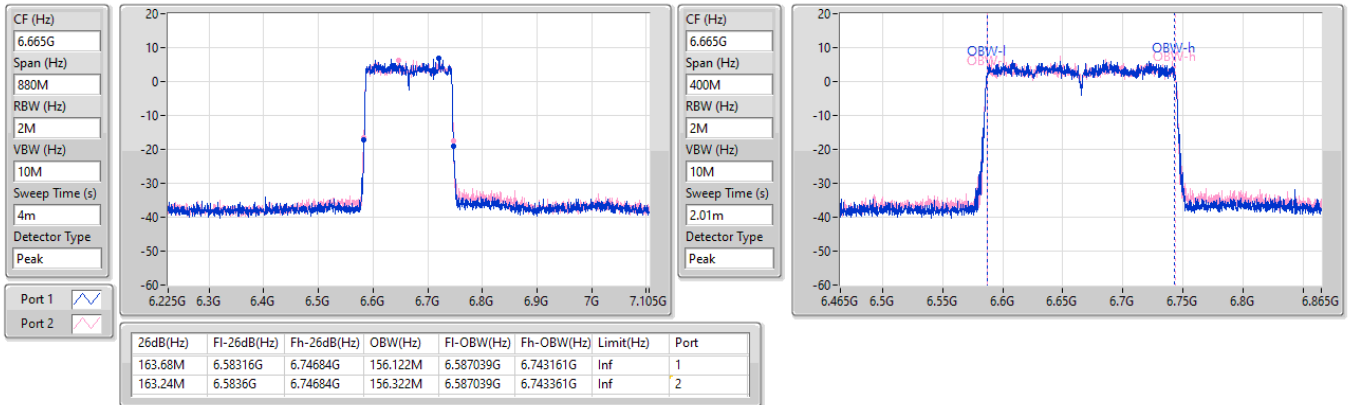


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

6665MHz

24/04/2025





EBW_Non-Beamforming_ Radio 3_2T2S_Outdoor_30 Degree 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	21.45M	19.065M	19M1D1D	21.01M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	39.71M	37.731M	37M7D1D	39.27M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	94.82M	77.361M	77M4D1D	80.74M	76.962M
802.11be EHT160_Nss2,(MCS0)_2TX	175.12M	156.322M	156MD1D	162.8M	155.722M
802.11be EHT320_Nss2,(MCS0)_2TX	326.48M	315.842M	316MD1D	323.84M	314.243M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	21.505M	19.115M	19M1D1D	21.175M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	40.48M	37.781M	37M8D1D	39.6M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	81.62M	77.161M	77M2D1D	80.52M	76.962M
802.11be EHT160_Nss2,(MCS0)_2TX	163.24M	156.322M	156MD1D	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_Outdoor_30 Degree 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	21.45M	19.04M	21.175M	19.065M
6195MHz	Pass	Inf	21.175M	18.991M	21.175M	19.065M
6415MHz	Pass	Inf	21.175M	19.015M	21.01M	19.015M
6535MHz	Pass	Inf	21.23M	19.065M	21.505M	19.04M
6695MHz	Pass	Inf	21.23M	19.115M	21.175M	19.065M
6855MHz	Pass	Inf	21.23M	19.065M	21.395M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.27M	37.681M	39.71M	37.631M
6205MHz	Pass	Inf	39.6M	37.731M	39.6M	37.681M
6405MHz	Pass	Inf	39.27M	37.731M	39.71M	37.731M
6565MHz	Pass	Inf	39.6M	37.731M	39.71M	37.781M
6685MHz	Pass	Inf	40.48M	37.731M	40.15M	37.681M
6845MHz	Pass	Inf	40.26M	37.681M	40.15M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.74M	76.962M	81.18M	76.962M
6225MHz	Pass	Inf	81.4M	77.161M	80.96M	77.061M
6385MHz	Pass	Inf	80.74M	77.161M	94.82M	77.361M
6625MHz	Pass	Inf	80.74M	77.161M	81.18M	77.161M
6705MHz	Pass	Inf	80.52M	77.061M	81.18M	76.962M
6785MHz	Pass	Inf	81.62M	77.161M	81.4M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	175.12M	155.722M	170.72M	156.122M
6185MHz	Pass	Inf	163.24M	156.122M	164.12M	156.122M
6345MHz	Pass	Inf	162.8M	156.122M	163.68M	156.322M
6665MHz	Pass	Inf	162.8M	156.322M	163.24M	156.122M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	Inf	323.84M	315.042M	326.48M	315.842M
6265MHz	Pass	Inf	325.6M	314.643M	324.72M	314.243M

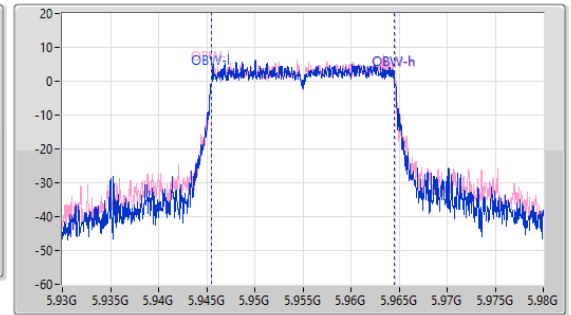
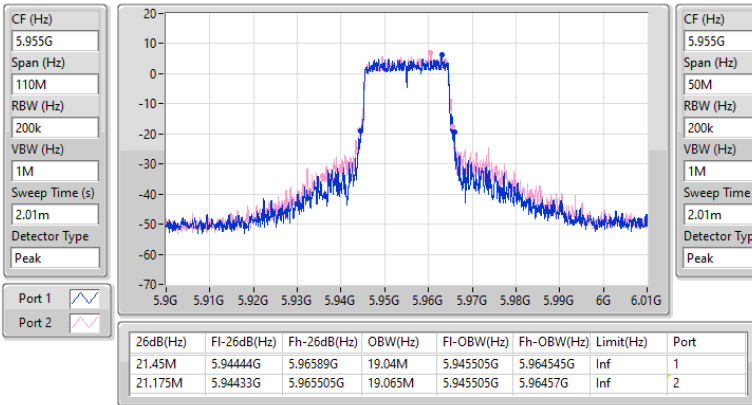
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

24/04/2025

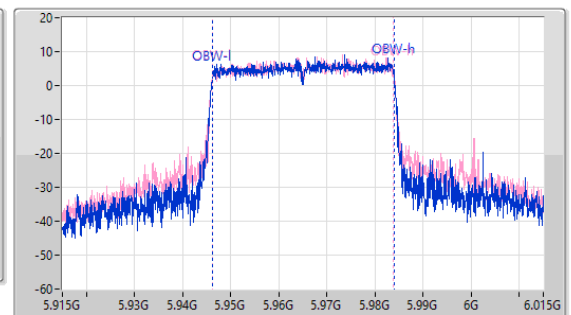
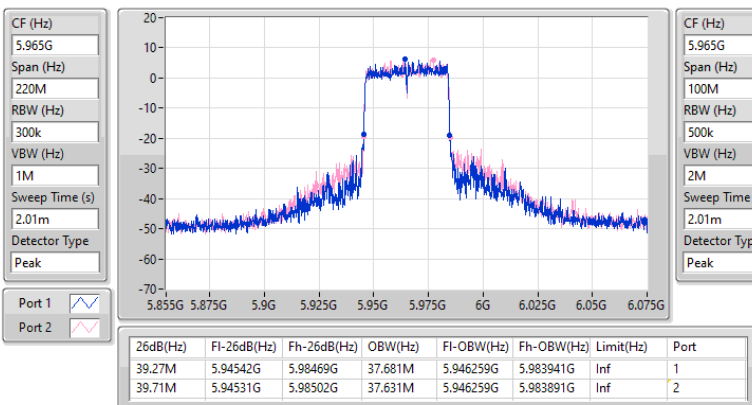


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5965MHz

24/04/2025

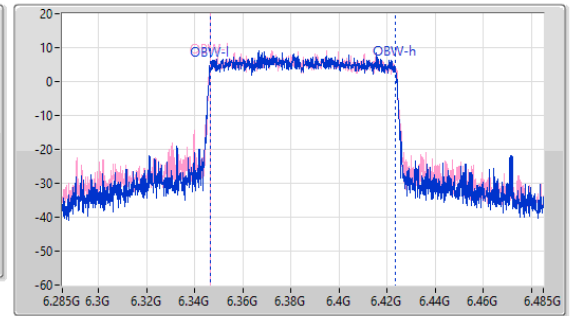
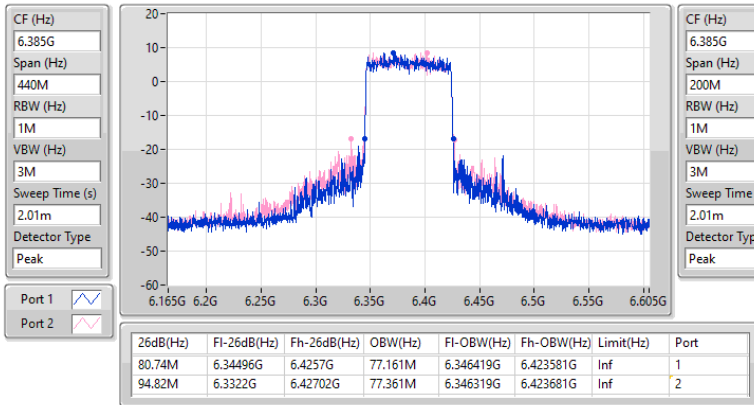


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6385MHz

24/04/2025

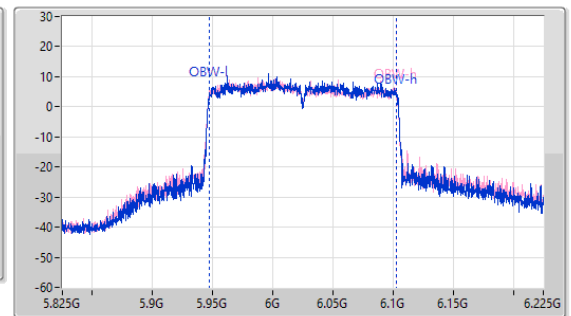
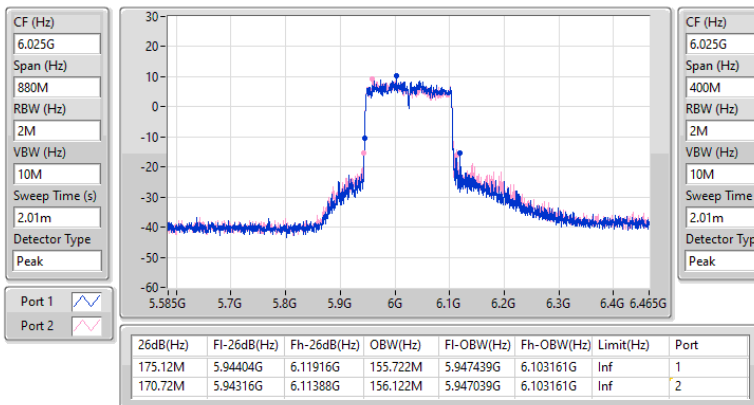


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6025MHz

24/04/2025

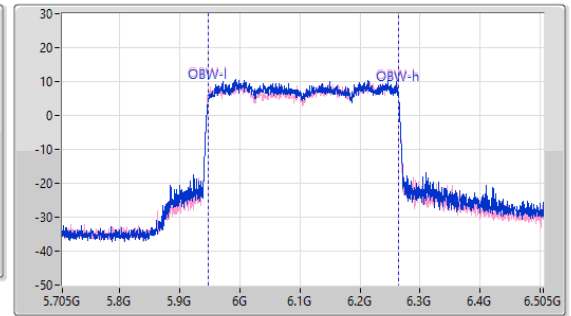
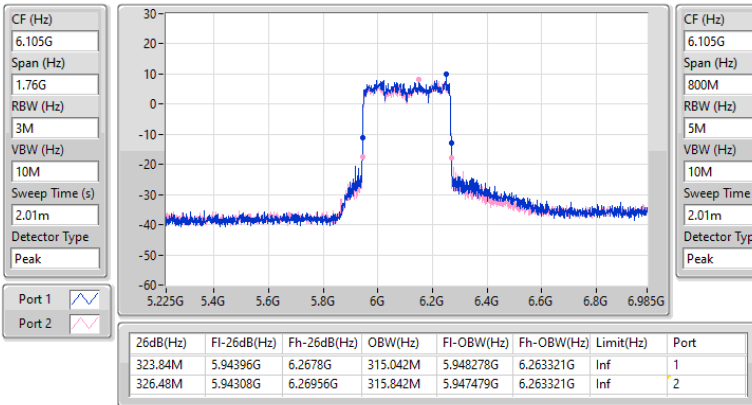


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX

EBW

6105MHz

24/04/2025

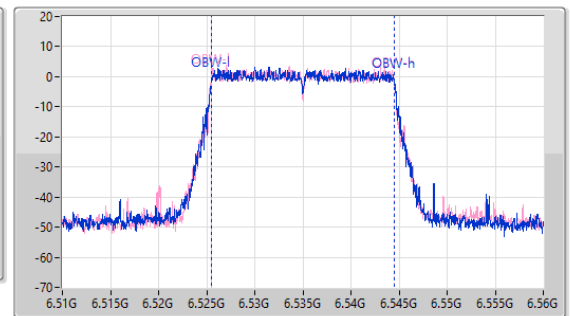
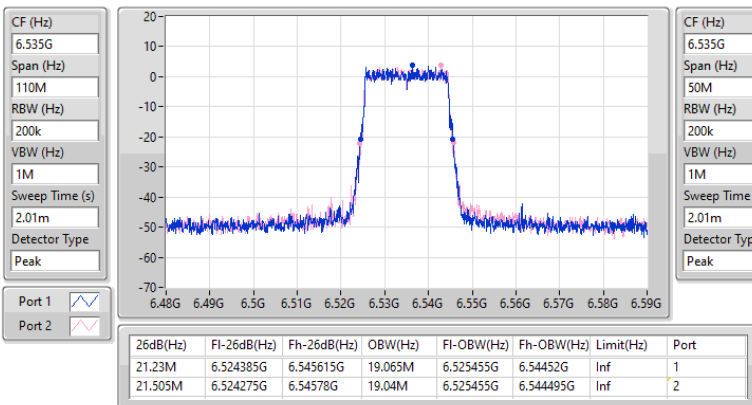


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

6535MHz

24/04/2025

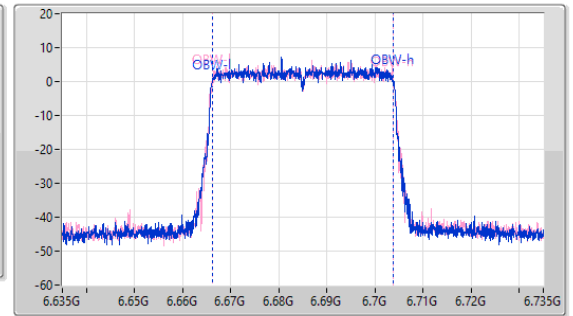
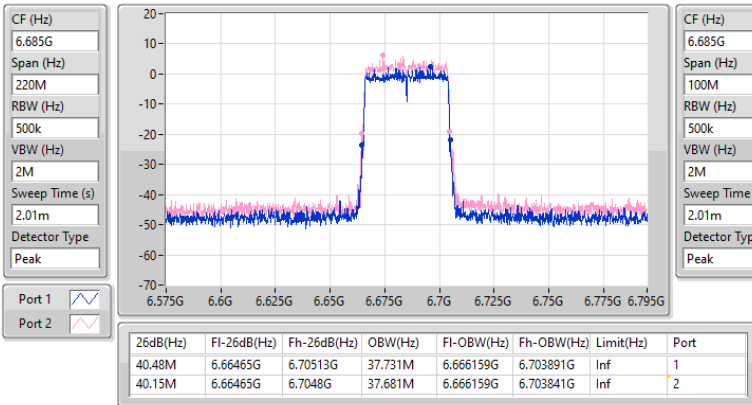


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

6685MHz

24/04/2025

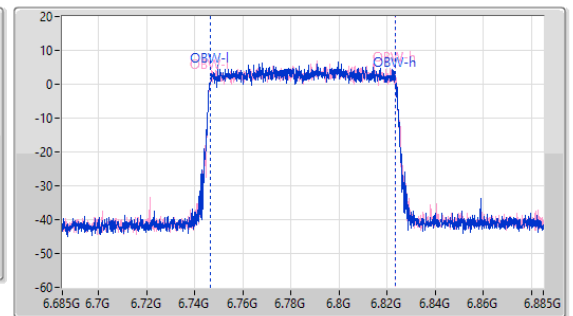
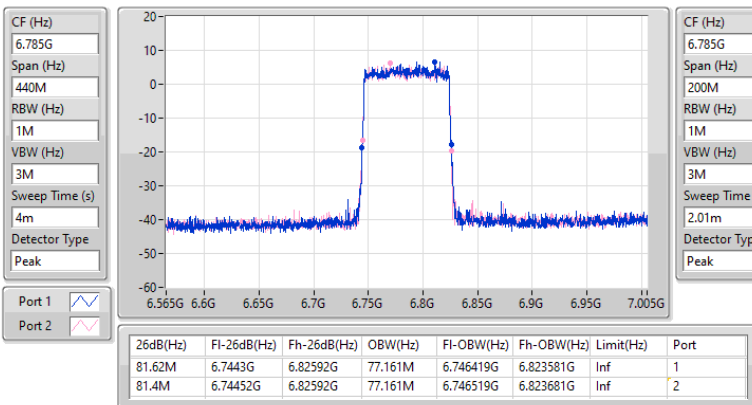


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

6785MHz

24/04/2025



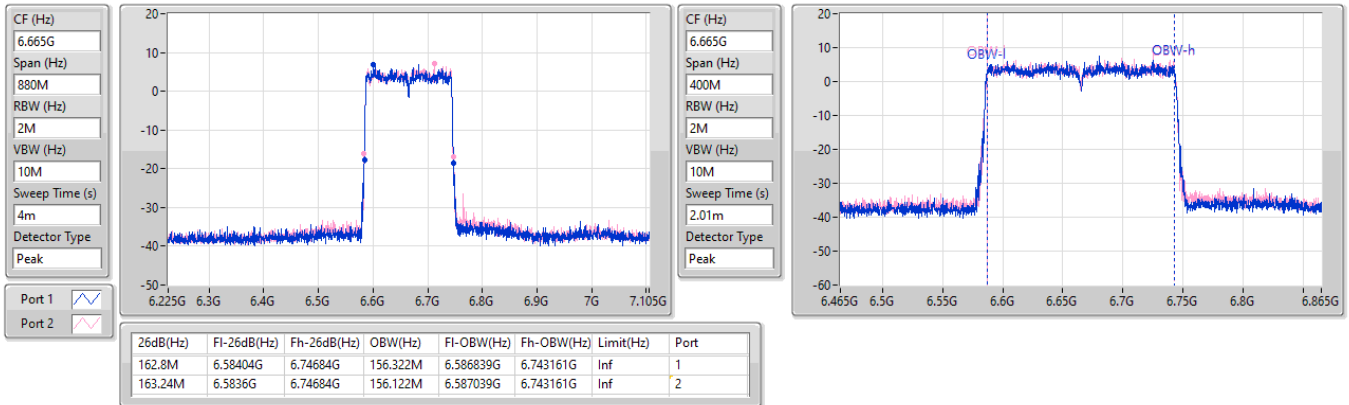


6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

6665MHz

24/04/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
a20_Nss1,(6Mbps)_1TX	19.93	0.09840	24.89	0.30832
a40_Nss1,(6Mbps)_1TX	18.96	0.07870	23.92	0.24660
a80_Nss1,(6Mbps)_1TX	19.53	0.08974	24.49	0.28119
a160_Nss1,(6Mbps)_1TX	17.92	0.06194	22.88	0.19409
6.525-6.875GHz	-	-	-	-
a20_Nss1,(6Mbps)_1TX	19.33	0.08570	22.88	0.19409
a40_Nss1,(6Mbps)_1TX	19.77	0.09484	23.32	0.21478
a80_Nss1,(6Mbps)_1TX	19.89	0.09750	23.44	0.22080
a160_Nss1,(6Mbps)_1TX	17.45	0.05559	21.00	0.12589

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
a20_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	4.96	19.93	19.93	Inf	24.89	36.00
6195MHz	Pass	4.96	19.70	19.70	Inf	24.66	36.00
6415MHz	Pass	4.96	18.20	18.20	Inf	23.16	36.00
6535MHz	Pass	3.55	18.28	18.28	Inf	21.83	36.00
6695MHz	Pass	3.55	19.33	19.33	Inf	22.88	36.00
6855MHz	Pass	3.55	19.29	19.29	Inf	22.84	36.00
a40_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	4.96	15.74	15.74	Inf	20.70	36.00
6205MHz	Pass	4.96	18.96	18.96	Inf	23.92	36.00
6405MHz	Pass	4.96	18.16	18.16	Inf	23.12	36.00
6565MHz	Pass	3.55	18.16	18.16	Inf	21.71	36.00
6685MHz	Pass	3.55	19.69	19.69	Inf	23.24	36.00
6845MHz	Pass	3.55	19.77	19.77	Inf	23.32	36.00
a80_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	4.96	16.94	16.94	Inf	21.90	36.00
6225MHz	Pass	4.96	19.53	19.53	Inf	24.49	36.00
6385MHz	Pass	4.96	18.39	18.39	Inf	23.35	36.00
6625MHz	Pass	3.55	19.44	19.44	Inf	22.99	36.00
6705MHz	Pass	3.55	19.82	19.82	Inf	23.37	36.00
6785MHz	Pass	3.55	19.89	19.89	Inf	23.44	36.00
a160_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	4.96	15.50	15.50	Inf	20.46	36.00
6185MHz	Pass	4.96	17.92	17.92	Inf	22.88	36.00
6345MHz	Pass	4.96	16.85	16.85	Inf	21.81	36.00
6665MHz	Pass	3.55	17.45	17.45	Inf	21.00	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.24	0.10568	31.57	1.43549
802.11be EHT20_Nss1,(MCS0)_1TX	20.51	0.11246	31.84	1.52757
802.11be EHT40_Nss1,(MCS0)_1TX	20.31	0.10740	31.64	1.45881
802.11be EHT80_Nss1,(MCS0)_1TX	20.91	0.12331	32.24	1.67494
802.11be EHT160_Nss1,(MCS0)_1TX	20.42	0.11015	31.75	1.49624
802.11be EHT320_Nss1,(MCS0)_1TX	20.21	0.10495	31.54	1.42561
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.14	0.13002	31.65	1.46218
802.11be EHT20_Nss1,(MCS0)_1TX	21.34	0.13614	31.85	1.53109
802.11be EHT40_Nss1,(MCS0)_1TX	20.73	0.11830	31.24	1.33045
802.11be EHT80_Nss1,(MCS0)_1TX	20.93	0.12388	31.44	1.39316
802.11be EHT160_Nss1,(MCS0)_1TX	20.12	0.10280	30.63	1.15611



Average Power_Non-Beamforming_Radio 3_1T1S_Indoor

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	11.33	19.88	19.88	Inf	31.21	36.00
6195MHz	Pass	11.33	20.24	20.24	Inf	31.57	36.00
6415MHz	Pass	11.33	19.86	19.86	Inf	31.19	36.00
6535MHz	Pass	10.51	21.14	21.14	Inf	31.65	36.00
6695MHz	Pass	10.51	20.24	20.24	Inf	30.75	36.00
6855MHz	Pass	10.51	20.16	20.16	Inf	30.67	36.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	11.33	19.79	19.79	Inf	31.12	36.00
6195MHz	Pass	11.33	20.51	20.51	Inf	31.84	36.00
6415MHz	Pass	11.33	20.23	20.23	Inf	31.56	36.00
6535MHz	Pass	10.51	21.34	21.34	Inf	31.85	36.00
6695MHz	Pass	10.51	20.45	20.45	Inf	30.96	36.00
6855MHz	Pass	10.51	20.47	20.47	Inf	30.98	36.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	11.33	18.10	18.10	Inf	29.43	36.00
6205MHz	Pass	11.33	20.31	20.31	Inf	31.64	36.00
6405MHz	Pass	11.33	20.27	20.27	Inf	31.60	36.00
6565MHz	Pass	10.51	20.27	20.27	Inf	30.78	36.00
6685MHz	Pass	10.51	20.73	20.73	Inf	31.24	36.00
6845MHz	Pass	10.51	20.60	20.60	Inf	31.11	36.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	11.33	18.31	18.31	Inf	29.64	36.00
6225MHz	Pass	11.33	20.91	20.91	Inf	32.24	36.00
6385MHz	Pass	11.33	20.17	20.17	Inf	31.50	36.00
6625MHz	Pass	10.51	20.93	20.93	Inf	31.44	36.00
6705MHz	Pass	10.51	20.75	20.75	Inf	31.26	36.00
6785MHz	Pass	10.51	20.26	20.26	Inf	30.77	36.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	11.33	18.10	18.10	Inf	29.43	36.00
6185MHz	Pass	11.33	20.42	20.42	Inf	31.75	36.00
6345MHz	Pass	11.33	19.90	19.90	Inf	31.23	36.00
6665MHz	Pass	10.51	20.12	20.12	Inf	30.63	36.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6105MHz	Pass	11.33	18.76	18.76	Inf	30.09	36.00
6265MHz	Pass	11.33	20.21	20.21	Inf	31.54	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.52	0.17865	33.85	2.42661
802.11be EHT20_Nss1,(MCS0)_2TX	22.95	0.19724	34.28	2.67917
802.11be EHT40_Nss1,(MCS0)_2TX	23.77	0.23823	35.10	3.23594
802.11be EHT80_Nss1,(MCS0)_2TX	24.10	0.25704	35.43	3.49140
802.11be EHT160_Nss1,(MCS0)_2TX	23.35	0.21627	34.68	2.93765
802.11be EHT320_Nss1,(MCS0)_2TX	23.06	0.20230	34.39	2.74789
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.68	0.18535	33.30	2.13796
802.11be EHT20_Nss1,(MCS0)_2TX	23.47	0.22233	34.09	2.56448
802.11be EHT40_Nss1,(MCS0)_2TX	23.78	0.23878	34.40	2.75423
802.11be EHT80_Nss1,(MCS0)_2TX	23.93	0.24717	34.55	2.85102
802.11be EHT160_Nss1,(MCS0)_2TX	23.19	0.20845	33.81	2.40436



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	11.33	18.90	19.74	22.35	Inf	33.68	36.00
6195MHz	Pass	11.33	19.23	19.14	22.20	Inf	33.53	36.00
6415MHz	Pass	11.33	19.82	19.17	22.52	Inf	33.85	36.00
6535MHz	Pass	10.62	19.64	19.44	22.55	Inf	33.17	36.00
6695MHz	Pass	10.62	19.47	19.40	22.45	Inf	33.07	36.00
6855MHz	Pass	10.62	19.48	19.86	22.68	Inf	33.30	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	11.33	18.67	19.53	22.13	Inf	33.46	36.00
6195MHz	Pass	11.33	18.93	18.81	21.88	Inf	33.21	36.00
6415MHz	Pass	11.33	20.36	19.48	22.95	Inf	34.28	36.00
6535MHz	Pass	10.62	20.62	20.29	23.47	Inf	34.09	36.00
6695MHz	Pass	10.62	20.31	20.42	23.38	Inf	34.00	36.00
6855MHz	Pass	10.62	20.35	20.47	23.42	Inf	34.04	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	11.33	17.24	17.59	20.43	Inf	31.76	36.00
6205MHz	Pass	11.33	20.54	20.97	23.77	Inf	35.10	36.00
6405MHz	Pass	11.33	20.25	19.99	23.13	Inf	34.46	36.00
6565MHz	Pass	10.62	20.40	21.11	23.78	Inf	34.40	36.00
6685MHz	Pass	10.62	20.59	20.50	23.56	Inf	34.18	36.00
6845MHz	Pass	10.62	20.67	20.76	23.73	Inf	34.35	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	11.33	17.94	17.69	20.83	Inf	32.16	36.00
6225MHz	Pass	11.33	21.07	21.11	24.10	Inf	35.43	36.00
6385MHz	Pass	11.33	20.05	20.15	23.11	Inf	34.44	36.00
6625MHz	Pass	10.62	20.83	20.65	23.75	Inf	34.37	36.00
6705MHz	Pass	10.62	20.90	20.93	23.93	Inf	34.55	36.00
6785MHz	Pass	10.62	20.01	20.20	23.12	Inf	33.74	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	11.33	16.89	16.64	19.78	Inf	31.11	36.00
6185MHz	Pass	11.33	20.54	20.14	23.35	Inf	34.68	36.00
6345MHz	Pass	11.33	20.14	19.95	23.06	Inf	34.39	36.00
6665MHz	Pass	10.62	20.29	20.06	23.19	Inf	33.81	36.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	11.33	16.85	16.34	19.61	Inf	30.94	36.00
6265MHz	Pass	11.33	20.18	19.91	23.06	Inf	34.39	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.03	0.20091	34.36	2.72898
802.11be EHT40_Nss2,(MCS0)_2TX	23.62	0.23014	34.95	3.12608
802.11be EHT80_Nss2,(MCS0)_2TX	24.16	0.26062	35.49	3.53997
802.11be EHT160_Nss2,(MCS0)_2TX	23.37	0.21727	34.70	2.95121
802.11be EHT320_Nss2,(MCS0)_2TX	23.06	0.20230	34.39	2.74789
6.525-6.875GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.40	0.27542	35.02	3.17687
802.11be EHT40_Nss2,(MCS0)_2TX	23.78	0.23878	34.40	2.75423
802.11be EHT80_Nss2,(MCS0)_2TX	23.92	0.24660	34.54	2.84446
802.11be EHT160_Nss2,(MCS0)_2TX	23.15	0.20654	33.77	2.38232



Average Power_Non-Beamforming_Radio 3_2T2S_Indoor

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	11.33	18.68	19.45	22.09	Inf	33.42	36.00
6195MHz	Pass	11.33	20.07	19.96	23.03	Inf	34.36	36.00
6415MHz	Pass	11.33	20.27	19.59	22.95	Inf	34.28	36.00
6535MHz	Pass	10.62	21.42	21.36	24.40	Inf	35.02	36.00
6695MHz	Pass	10.62	20.56	20.29	23.44	Inf	34.06	36.00
6855MHz	Pass	10.62	20.58	20.74	23.67	Inf	34.29	36.00
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	11.33	17.86	18.22	21.05	Inf	32.38	36.00
6205MHz	Pass	11.33	20.33	20.88	23.62	Inf	34.95	36.00
6405MHz	Pass	11.33	20.46	20.07	23.28	Inf	34.61	36.00
6565MHz	Pass	10.62	20.37	21.01	23.71	Inf	34.33	36.00
6685MHz	Pass	10.62	20.69	20.37	23.54	Inf	34.16	36.00
6845MHz	Pass	10.62	20.75	20.78	23.78	Inf	34.40	36.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	11.33	17.93	17.65	20.80	Inf	32.13	36.00
6225MHz	Pass	11.33	21.16	21.14	24.16	Inf	35.49	36.00
6385MHz	Pass	11.33	20.11	20.33	23.23	Inf	34.56	36.00
6625MHz	Pass	10.62	20.78	20.75	23.78	Inf	34.40	36.00
6705MHz	Pass	10.62	20.93	20.88	23.92	Inf	34.54	36.00
6785MHz	Pass	10.62	20.35	20.14	23.26	Inf	33.88	36.00
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	11.33	19.44	19.35	22.41	Inf	33.74	36.00
6185MHz	Pass	11.33	20.43	20.29	23.37	Inf	34.70	36.00
6345MHz	Pass	11.33	20.14	19.97	23.07	Inf	34.40	36.00
6665MHz	Pass	10.62	20.25	20.02	23.15	Inf	33.77	36.00
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	11.33	18.94	18.32	21.65	Inf	32.98	36.00
6265MHz	Pass	11.33	20.12	19.98	23.06	Inf	34.39	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



**Average Power_Non-Beamforming_
Radio 1_Scan_Outdoor**

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
a20_Nss1,(6Mbps)_1TX	15.52	0.03565	20.48	0.11169
a40_Nss1,(6Mbps)_1TX	15.52	0.03565	20.48	0.11169
a80_Nss1,(6Mbps)_1TX	15.51	0.03556	20.47	0.11143
a160_Nss1,(6Mbps)_1TX	15.49	0.03540	20.45	0.11092
6.525-6.875GHz	-	-	-	-
a20_Nss1,(6Mbps)_1TX	16.94	0.04943	20.49	0.11194
a40_Nss1,(6Mbps)_1TX	16.94	0.04943	20.49	0.11194
a80_Nss1,(6Mbps)_1TX	16.94	0.04943	20.49	0.11194
a160_Nss1,(6Mbps)_1TX	16.72	0.04699	20.27	0.10641

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
a20_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	4.96	15.52	15.52	Inf	20.48	36.00
6195MHz	Pass	4.96	15.49	15.49	Inf	20.45	36.00
6415MHz	Pass	4.96	15.48	15.48	Inf	20.44	36.00
6535MHz	Pass	3.55	16.94	16.94	Inf	20.49	36.00
6695MHz	Pass	3.55	16.79	16.79	Inf	20.34	36.00
6855MHz	Pass	3.55	16.93	16.93	Inf	20.48	36.00
a40_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	4.96	15.34	15.34	Inf	20.30	36.00
6205MHz	Pass	4.96	15.52	15.52	Inf	20.48	36.00
6405MHz	Pass	4.96	15.40	15.40	Inf	20.36	36.00
6565MHz	Pass	3.55	16.84	16.84	Inf	20.39	36.00
6685MHz	Pass	3.55	16.90	16.90	Inf	20.45	36.00
6845MHz	Pass	3.55	16.94	16.94	Inf	20.49	36.00
a80_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	4.96	15.51	15.51	Inf	20.47	36.00
6225MHz	Pass	4.96	15.35	15.35	Inf	20.31	36.00
6385MHz	Pass	4.96	15.46	15.46	Inf	20.42	36.00
6625MHz	Pass	3.55	16.94	16.94	Inf	20.49	36.00
6705MHz	Pass	3.55	16.90	16.90	Inf	20.45	36.00
6785MHz	Pass	3.55	16.86	16.86	Inf	20.41	36.00
a160_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	4.96	14.83	14.83	Inf	19.79	36.00
6185MHz	Pass	4.96	15.46	15.46	Inf	20.42	36.00
6345MHz	Pass	4.96	15.49	15.49	Inf	20.45	36.00
6665MHz	Pass	3.55	16.72	16.72	Inf	20.27	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Radio 3_1T1S_Outdoor_Peak Gain

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	9.11	0.00815	20.44	0.11066
802.11be EHT20_Nss1,(MCS0)_1TX	9.12	0.00817	20.45	0.11092
802.11be EHT40_Nss1,(MCS0)_1TX	9.09	0.00811	20.42	0.11015
802.11be EHT80_Nss1,(MCS0)_1TX	9.12	0.00817	20.45	0.11092
802.11be EHT160_Nss1,(MCS0)_1TX	9.10	0.00813	20.43	0.11041
802.11be EHT320_Nss1,(MCS0)_1TX	9.08	0.00809	20.41	0.10990
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	9.93	0.00984	20.44	0.11066
802.11be EHT20_Nss1,(MCS0)_1TX	9.96	0.00991	20.47	0.11143
802.11be EHT40_Nss1,(MCS0)_1TX	9.92	0.00982	20.43	0.11041
802.11be EHT80_Nss1,(MCS0)_1TX	9.97	0.00993	20.48	0.11169
802.11be EHT160_Nss1,(MCS0)_1TX	9.79	0.00953	20.30	0.10715



Average Power_Non-Beamforming_ Radio 3_1T1S_Outdoor_Peak Gain

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	11.33	9.11	9.11	Inf	20.44	36.00
6195MHz	Pass	11.33	8.93	8.93	Inf	20.26	36.00
6415MHz	Pass	11.33	8.90	8.90	Inf	20.23	36.00
6535MHz	Pass	10.51	9.93	9.93	Inf	20.44	36.00
6695MHz	Pass	10.51	9.77	9.77	Inf	20.28	36.00
6855MHz	Pass	10.51	9.76	9.76	Inf	20.27	36.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	11.33	9.12	9.12	Inf	20.45	36.00
6195MHz	Pass	11.33	8.93	8.93	Inf	20.26	36.00
6415MHz	Pass	11.33	9.06	9.06	Inf	20.39	36.00
6535MHz	Pass	10.51	9.90	9.90	Inf	20.41	36.00
6695MHz	Pass	10.51	9.58	9.58	Inf	20.09	36.00
6855MHz	Pass	10.51	9.96	9.96	Inf	20.47	36.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	11.33	9.03	9.03	Inf	20.36	36.00
6205MHz	Pass	11.33	9.07	9.07	Inf	20.40	36.00
6405MHz	Pass	11.33	9.09	9.09	Inf	20.42	36.00
6565MHz	Pass	10.51	9.89	9.89	Inf	20.40	36.00
6685MHz	Pass	10.51	9.92	9.92	Inf	20.43	36.00
6845MHz	Pass	10.51	9.87	9.87	Inf	20.38	36.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	11.33	8.87	8.87	Inf	20.20	36.00
6225MHz	Pass	11.33	9.12	9.12	Inf	20.45	36.00
6385MHz	Pass	11.33	9.06	9.06	Inf	20.39	36.00
6625MHz	Pass	10.51	9.93	9.93	Inf	20.44	36.00
6705MHz	Pass	10.51	9.81	9.81	Inf	20.32	36.00
6785MHz	Pass	10.51	9.97	9.97	Inf	20.48	36.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	11.33	9.00	9.00	Inf	20.33	36.00
6185MHz	Pass	11.33	9.02	9.02	Inf	20.35	36.00
6345MHz	Pass	11.33	9.10	9.10	Inf	20.43	36.00
6665MHz	Pass	10.51	9.79	9.79	Inf	20.30	36.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6105MHz	Pass	11.33	9.06	9.06	Inf	20.39	36.00
6265MHz	Pass	11.33	9.08	9.08	Inf	20.41	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Radio 3_2T1S_Outdoor_Peak Gain

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	9.12	0.00817	20.45	0.11092
802.11be EHT20_Nss1,(MCS0)_2TX	9.05	0.00804	20.38	0.10914
802.11be EHT40_Nss1,(MCS0)_2TX	9.13	0.00818	20.46	0.11117
802.11be EHT80_Nss1,(MCS0)_2TX	9.13	0.00818	20.46	0.11117
802.11be EHT160_Nss1,(MCS0)_2TX	9.02	0.00798	20.35	0.10839
802.11be EHT320_Nss1,(MCS0)_2TX	8.97	0.00789	20.30	0.10715
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	9.81	0.00957	20.43	0.11041
802.11be EHT20_Nss1,(MCS0)_2TX	9.85	0.00966	20.47	0.11143
802.11be EHT40_Nss1,(MCS0)_2TX	9.86	0.00968	20.48	0.11169
802.11be EHT80_Nss1,(MCS0)_2TX	9.83	0.00962	20.45	0.11092
802.11be EHT160_Nss1,(MCS0)_2TX	9.85	0.00966	20.47	0.11143



Average Power_Non-Beamforming_ Radio 3_2T1S_Outdoor_Peak Gain

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	11.33	5.73	6.15	8.96	Inf	20.29	36.00
6195MHz	Pass	11.33	5.96	6.25	9.12	Inf	20.45	36.00
6415MHz	Pass	11.33	6.48	5.41	8.99	Inf	20.32	36.00
6535MHz	Pass	10.62	6.67	6.93	9.81	Inf	20.43	36.00
6695MHz	Pass	10.62	6.94	6.65	9.81	Inf	20.43	36.00
6855MHz	Pass	10.62	6.71	6.75	9.74	Inf	20.36	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	11.33	5.85	6.09	8.98	Inf	20.31	36.00
6195MHz	Pass	11.33	6.10	5.98	9.05	Inf	20.38	36.00
6415MHz	Pass	11.33	6.27	5.60	8.96	Inf	20.29	36.00
6535MHz	Pass	10.62	6.22	6.98	9.63	Inf	20.25	36.00
6695MHz	Pass	10.62	6.65	6.87	9.77	Inf	20.39	36.00
6855MHz	Pass	10.62	6.79	6.88	9.85	Inf	20.47	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	11.33	5.92	6.32	9.13	Inf	20.46	36.00
6205MHz	Pass	11.33	5.83	6.18	9.02	Inf	20.35	36.00
6405MHz	Pass	11.33	6.02	5.99	9.02	Inf	20.35	36.00
6565MHz	Pass	10.62	6.62	7.06	9.86	Inf	20.48	36.00
6685MHz	Pass	10.62	6.51	6.76	9.65	Inf	20.27	36.00
6845MHz	Pass	10.62	6.72	6.87	9.81	Inf	20.43	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	11.33	6.19	6.05	9.13	Inf	20.46	36.00
6225MHz	Pass	11.33	5.77	6.07	8.93	Inf	20.26	36.00
6385MHz	Pass	11.33	5.69	6.10	8.91	Inf	20.24	36.00
6625MHz	Pass	10.62	6.72	6.57	9.66	Inf	20.28	36.00
6705MHz	Pass	10.62	6.59	7.01	9.82	Inf	20.44	36.00
6785MHz	Pass	10.62	6.89	6.75	9.83	Inf	20.45	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	11.33	5.82	6.12	8.98	Inf	20.31	36.00
6185MHz	Pass	11.33	5.97	5.92	8.96	Inf	20.29	36.00
6345MHz	Pass	11.33	6.16	5.85	9.02	Inf	20.35	36.00
6665MHz	Pass	10.62	6.93	6.75	9.85	Inf	20.47	36.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	11.33	6.10	5.80	8.96	Inf	20.29	36.00
6265MHz	Pass	11.33	5.87	6.05	8.97	Inf	20.30	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Radio 3_2T2S_Outdoor_Peak Gain

Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	9.08	0.00809	20.41	0.10990
802.11be EHT40_Nss2,(MCS0)_2TX	9.12	0.00817	20.45	0.11092
802.11be EHT80_Nss2,(MCS0)_2TX	9.14	0.00820	20.47	0.11143
802.11be EHT160_Nss2,(MCS0)_2TX	9.15	0.00822	20.48	0.11169
802.11be EHT320_Nss2,(MCS0)_2TX	9.15	0.00822	20.48	0.11169
6.525-6.875GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	9.83	0.00962	20.45	0.11092
802.11be EHT40_Nss2,(MCS0)_2TX	9.82	0.00959	20.44	0.11066
802.11be EHT80_Nss2,(MCS0)_2TX	9.83	0.00962	20.45	0.11092
802.11be EHT160_Nss2,(MCS0)_2TX	9.77	0.00948	20.39	0.10940



Average Power_Non-Beamforming_ Radio 3_2T2S_Outdoor_Peak Gain

Appendix C.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	11.33	5.91	6.23	9.08	Inf	20.41	36.00
6195MHz	Pass	11.33	5.86	6.17	9.03	Inf	20.36	36.00
6415MHz	Pass	11.33	6.20	5.61	8.93	Inf	20.26	36.00
6535MHz	Pass	10.62	6.66	6.89	9.79	Inf	20.41	36.00
6695MHz	Pass	10.62	6.92	6.70	9.82	Inf	20.44	36.00
6855MHz	Pass	10.62	7.00	6.63	9.83	Inf	20.45	36.00
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	11.33	5.70	6.48	9.12	Inf	20.45	36.00
6205MHz	Pass	11.33	5.81	6.22	9.03	Inf	20.36	36.00
6405MHz	Pass	11.33	6.14	6.06	9.11	Inf	20.44	36.00
6565MHz	Pass	10.62	6.30	7.27	9.82	Inf	20.44	36.00
6685MHz	Pass	10.62	6.52	6.82	9.68	Inf	20.30	36.00
6845MHz	Pass	10.62	6.76	6.84	9.81	Inf	20.43	36.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	11.33	6.02	5.84	8.94	Inf	20.27	36.00
6225MHz	Pass	11.33	5.80	6.09	8.96	Inf	20.29	36.00
6385MHz	Pass	11.33	5.84	6.40	9.14	Inf	20.47	36.00
6625MHz	Pass	10.62	6.69	6.57	9.64	Inf	20.26	36.00
6705MHz	Pass	10.62	6.75	6.83	9.80	Inf	20.42	36.00
6785MHz	Pass	10.62	6.90	6.73	9.83	Inf	20.45	36.00
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	11.33	6.01	6.22	9.13	Inf	20.46	36.00
6185MHz	Pass	11.33	6.19	6.03	9.12	Inf	20.45	36.00
6345MHz	Pass	11.33	6.29	5.99	9.15	Inf	20.48	36.00
6665MHz	Pass	10.62	6.85	6.66	9.77	Inf	20.39	36.00
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	11.33	6.33	5.93	9.14	Inf	20.47	36.00
6265MHz	Pass	11.33	6.35	5.92	9.15	Inf	20.48	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



**Average Power_Non-Beamforming_
Radio 3_1T1S_Outdoor_30 Degree Gain**

Appendix C.9

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.95	0.09886	20.48	0.11169
802.11be EHT20_Nss1,(MCS0)_1TX	19.88	0.09727	20.41	0.10990
802.11be EHT40_Nss1,(MCS0)_1TX	19.74	0.09419	20.27	0.10641
802.11be EHT80_Nss1,(MCS0)_1TX	19.83	0.09616	20.36	0.10864
802.11be EHT160_Nss1,(MCS0)_1TX	19.76	0.09462	20.29	0.10691
802.11be EHT320_Nss1,(MCS0)_1TX	19.61	0.09141	20.14	0.10328/
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.72	0.05916	20.48	0.11169
802.11be EHT20_Nss1,(MCS0)_1TX	17.71	0.05902	20.47	0.11143
802.11be EHT40_Nss1,(MCS0)_1TX	17.72	0.05916	20.48	0.11169
802.11be EHT80_Nss1,(MCS0)_1TX	17.71	0.05902	20.47	0.11143
802.11be EHT160_Nss1,(MCS0)_1TX	17.58	0.05728	20.34	0.10814



Average Power_Non-Beamforming_ Radio 3_1T1S_Outdoor_30 Degree Gain

Appendix C.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	0.53	19.95	19.95	Inf	20.48	36.00
6195MHz	Pass	0.53	19.74	19.74	Inf	20.27	36.00
6415MHz	Pass	0.53	19.04	19.04	Inf	19.57	36.00
6535MHz	Pass	2.76	17.67	17.67	Inf	20.43	36.00
6695MHz	Pass	2.76	17.72	17.72	Inf	20.48	36.00
6855MHz	Pass	2.76	17.69	17.69	Inf	20.45	36.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	0.53	19.79	19.79	Inf	20.32	36.00
6195MHz	Pass	0.53	19.88	19.88	Inf	20.41	36.00
6415MHz	Pass	0.53	19.25	19.25	Inf	19.78	36.00
6535MHz	Pass	2.76	17.57	17.57	Inf	20.33	36.00
6695MHz	Pass	2.76	17.70	17.70	Inf	20.46	36.00
6855MHz	Pass	2.76	17.71	17.71	Inf	20.47	36.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	0.53	17.77	17.77	Inf	18.30	36.00
6205MHz	Pass	0.53	19.74	19.74	Inf	20.27	36.00
6405MHz	Pass	0.53	19.15	19.15	Inf	19.68	36.00
6565MHz	Pass	2.76	17.72	17.72	Inf	20.48	36.00
6685MHz	Pass	2.76	17.44	17.44	Inf	20.20	36.00
6845MHz	Pass	2.76	17.61	17.61	Inf	20.37	36.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	0.53	17.85	17.85	Inf	18.38	36.00
6225MHz	Pass	0.53	19.83	19.83	Inf	20.36/	36.00
6385MHz	Pass	0.53	19.23	19.23	Inf	19.76	36.00
6625MHz	Pass	2.76	17.65	17.65	Inf	20.41	36.00
6705MHz	Pass	2.76	17.71	17.71	Inf	20.47	36.00
6785MHz	Pass	2.76	17.67	17.67	Inf	20.43	36.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	0.53	17.25	17.25	Inf	17.78	36.00
6185MHz	Pass	0.53	19.76	19.76	Inf	20.29	36.00
6345MHz	Pass	0.53	19.69	19.69	Inf	20.22	36.00
6665MHz	Pass	2.76	17.58	17.58	Inf	20.34	36.00
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6105MHz	Pass	0.53	17.77	17.77	Inf	18.30	36.00
6265MHz	Pass	0.53	19.61	19.61	Inf	20.14	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



**Average Power_Non-Beamforming_
Radio 3_2T1S_Outdoor_30 Degree Gain**

Appendix C.10

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.92	0.09817	20.45	0.11092
802.11be EHT20_Nss1,(MCS0)_2TX	19.96	0.09908	20.49	0.11194
802.11be EHT40_Nss1,(MCS0)_2TX	19.79	0.09528	20.32	0.10765
802.11be EHT80_Nss1,(MCS0)_2TX	19.93	0.09840	20.46	0.11117
802.11be EHT160_Nss1,(MCS0)_2TX	19.93	0.09840	20.46	0.11117
802.11be EHT320_Nss1,(MCS0)_2TX	19.82	0.09594	20.35	0.10839
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.67	0.05848	20.43	0.11041
802.11be EHT20_Nss1,(MCS0)_2TX	17.69	0.05875	20.45	0.11092
802.11be EHT40_Nss1,(MCS0)_2TX	17.68	0.05861	20.44	0.11066
802.11be EHT80_Nss1,(MCS0)_2TX	17.72	0.05916	20.48	0.11169
802.11be EHT160_Nss1,(MCS0)_2TX	17.47	0.05585	20.23	0.10544



Average Power_Non-Beamforming_ Radio 3_2T1S_Outdoor_30 Degree Gain

Appendix C.10

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	0.53	16.88	16.87	19.89	Inf	20.42	36.00
6195MHz	Pass	0.53	16.92	16.89	19.92	Inf	20.45	36.00
6415MHz	Pass	0.53	17.06	16.53	19.81	Inf	20.34	36.00
6535MHz	Pass	2.76	14.55	14.73	17.65	Inf	20.41	36.00
6695MHz	Pass	2.76	14.48	14.78	17.64	Inf	20.40	36.00
6855MHz	Pass	2.76	14.69	14.63	17.67	Inf	20.43	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	0.53	16.69	16.89	19.80	Inf	20.33	36.00
6195MHz	Pass	0.53	16.83	16.74	19.80	Inf	20.33	36.00
6415MHz	Pass	0.53	17.22	16.66	19.96	Inf	20.49	36.00
6535MHz	Pass	2.76	14.65	14.71	17.69	Inf	20.45	36.00
6695MHz	Pass	2.76	14.63	14.65	17.65	Inf	20.41	36.00
6855MHz	Pass	2.76	14.61	14.63	17.63	Inf	20.39	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	0.53	16.55	16.97	19.78	Inf	20.31	36.00
6205MHz	Pass	0.53	16.66	16.76	19.72	Inf	20.25	36.00
6405MHz	Pass	0.53	16.84	16.71	19.79	Inf	20.32	36.00
6565MHz	Pass	2.76	14.24	15.06	17.68	Inf	20.44	36.00
6685MHz	Pass	2.76	14.48	14.51	17.51	Inf	20.27	36.00
6845MHz	Pass	2.76	14.64	14.70	17.68	Inf	20.44	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	0.53	16.97	16.81	19.90	Inf	20.43	36.00
6225MHz	Pass	0.53	16.83	17.01	19.93	Inf	20.46	36.00
6385MHz	Pass	0.53	16.74	17.00	19.88	Inf	20.41	36.00
6625MHz	Pass	2.76	14.70	14.71	17.72	Inf	20.48	36.00
6705MHz	Pass	2.76	14.44	14.81	17.64	Inf	20.40	36.00
6785MHz	Pass	2.76	14.71	14.65	17.69	Inf	20.45	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	0.53	16.89	16.64	19.78	Inf	20.31	36.00
6185MHz	Pass	0.53	16.98	16.84	19.92	Inf	20.45	36.00
6345MHz	Pass	0.53	17.08	16.76	19.93	Inf	20.46	36.00
6665MHz	Pass	2.76	14.35	14.56	17.47	Inf	20.23	36.00
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	0.53	16.85	16.34	19.61	Inf	20.14	36.00
6265MHz	Pass	0.53	16.87	16.75	19.82	Inf	20.35	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



**Average Power_Non-Beamforming_
Radio 3_2T2S_Outdoor_30 Degree Gain**

Appendix C.11

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.92	0.09817	20.45	0.11092
802.11be EHT40_Nss2,(MCS0)_2TX	19.96	0.09908	20.49	0.11194
802.11be EHT80_Nss2,(MCS0)_2TX	19.95	0.09886	20.48	0.11169
802.11be EHT160_Nss2,(MCS0)_2TX	19.89	0.09750	20.42	0.11015
802.11be EHT320_Nss2,(MCS0)_2TX	19.92	0.09817	20.45	0.11092
6.525-6.875GHz	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	17.67	0.05848	20.43	0.11041
802.11be EHT40_Nss2,(MCS0)_2TX	17.66	0.05834	20.42	0.11015
802.11be EHT80_Nss2,(MCS0)_2TX	17.68	0.05861	20.44	0.11066
802.11be EHT160_Nss2,(MCS0)_2TX	17.66	0.05834	20.42	0.11015



Average Power_Non-Beamforming_ Radio 3_2T2S_Outdoor_30 Degree Gain

Appendix C.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	0.53	16.80	16.98	19.90	Inf	20.43	36.00
6195MHz	Pass	0.53	16.95	16.86	19.92	Inf	20.45	36.00
6415MHz	Pass	0.53	17.17	16.55	19.88	Inf	20.41	36.00
6535MHz	Pass	2.76	14.65	14.67	17.67	Inf	20.43	36.00
6695MHz	Pass	2.76	14.56	14.70	17.64	Inf	20.40	36.00
6855MHz	Pass	2.76	14.58	14.55	17.58	Inf	20.34	36.00
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	0.53	16.84	17.05	19.96	Inf	20.49	36.00
6205MHz	Pass	0.53	16.87	16.91	19.90	Inf	20.43	36.00
6405MHz	Pass	0.53	17.04	16.78	19.92	Inf	20.45	36.00
6565MHz	Pass	2.76	14.31	14.96	17.66	Inf	20.42	36.00
6685MHz	Pass	2.76	14.48	14.38	17.44	Inf	20.20	36.00
6845MHz	Pass	2.76	14.52	14.60	17.57	Inf	20.33	36.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	0.53	16.92	16.96	19.95	Inf	20.48	36.00
6225MHz	Pass	0.53	16.91	16.95	19.94	Inf	20.47	36.00
6385MHz	Pass	0.53	16.78	16.92	19.86	Inf	20.39	36.00
6625MHz	Pass	2.76	14.60	14.62	17.62	Inf	20.38	36.00
6705MHz	Pass	2.76	14.33	14.78	17.57	Inf	20.33	36.00
6785MHz	Pass	2.76	14.72	14.61	17.68	Inf	20.44	36.00
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	0.53	16.81	16.70	19.77	Inf	20.30	36.00
6185MHz	Pass	0.53	16.93	16.82	19.89	Inf	20.42	36.00
6345MHz	Pass	0.53	16.82	16.57	19.71	Inf	20.24	36.00
6665MHz	Pass	2.76	14.55	14.75	17.66	Inf	20.42	36.00
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	0.53	17.15	16.66	19.92	Inf	20.45	36.00
6265MHz	Pass	0.53	16.90	16.70	19.81	Inf	20.34	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.57	0.14355	35.36	3.43558
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.63	0.14555	35.42	3.48337
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.48	0.14060	35.27	3.36512
802.11be EHT160-BF_Nss1,(MCS0)_2TX	21.49	0.14093	35.28	3.37287
802.11be EHT320-BF_Nss1,(MCS0)_2TX	21.44	0.13932	35.23	3.33426
6.525-6.875GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.84	0.15276	35.39	3.45939
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.91	0.15524	35.46	3.51560
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.89	0.15453	35.44	3.49945
802.11be EHT160-BF_Nss1,(MCS0)_2TX	21.79	0.15101	35.34	3.41979

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	13.79	18.05	18.91	21.51	Inf	35.30	36.00
6195MHz	Pass	13.79	18.56	18.44	21.51	Inf	35.30	36.00
6415MHz	Pass	13.79	19.00	18.08	21.57	Inf	35.36	36.00
6535MHz	Pass	13.55	19.01	18.64	21.84	Inf	35.39	36.00
6695MHz	Pass	13.55	18.70	18.82	21.77	Inf	35.32	36.00
6855MHz	Pass	13.55	18.75	18.83	21.80	Inf	35.35	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	13.79	17.24	17.59	20.43	Inf	34.22	36.00
6205MHz	Pass	13.79	18.40	18.83	21.63	Inf	35.42	36.00
6405MHz	Pass	13.79	18.60	18.34	21.48	Inf	35.27	36.00
6565MHz	Pass	13.55	18.55	19.22	21.91	Inf	35.46	36.00
6685MHz	Pass	13.55	18.70	18.60	21.66	Inf	35.21	36.00
6845MHz	Pass	13.55	18.82	18.87	21.86	Inf	35.41	36.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	13.79	17.94	17.69	20.83	Inf	34.62	36.00
6225MHz	Pass	13.79	18.42	18.51	21.48	Inf	35.27	36.00
6385MHz	Pass	13.79	18.40	18.54	21.48	Inf	35.27	36.00
6625MHz	Pass	13.55	18.97	18.78	21.89	Inf	35.44	36.00
6705MHz	Pass	13.55	18.79	18.80	21.81	Inf	35.36	36.00
6785MHz	Pass	13.55	18.64	18.84	21.75	Inf	35.30	36.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	13.79	16.89	16.64	19.78	Inf	33.57	36.00
6185MHz	Pass	13.79	18.66	18.29	21.49	Inf	35.28	36.00
6345MHz	Pass	13.79	18.50	18.33	21.43	Inf	35.22	36.00
6665MHz	Pass	13.55	18.89	18.66	21.79	Inf	35.34	36.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	13.79	16.85	16.34	19.61	Inf	33.40	36.00
6265MHz	Pass	13.79	18.55	18.31	21.44	Inf	35.23	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	6.68	0.00466	20.47	0.11143
802.11be EHT40-BF_Nss1,(MCS0)_2TX	6.59	0.00456	20.38	0.10914
802.11be EHT80-BF_Nss1,(MCS0)_2TX	6.64	0.00461	20.43	0.11041
802.11be EHT160-BF_Nss1,(MCS0)_2TX	6.66	0.00463	20.45	0.11092
802.11be EHT320-BF_Nss1,(MCS0)_2TX	6.69	0.00467	20.48	0.11169
6.525-6.875GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	6.84	0.00483	20.39	0.10940
802.11be EHT40-BF_Nss1,(MCS0)_2TX	6.87	0.00486	20.42	0.11015
802.11be EHT80-BF_Nss1,(MCS0)_2TX	6.85	0.00484	20.40	0.10965
802.11be EHT160-BF_Nss1,(MCS0)_2TX	6.83	0.00482	20.38	0.10914

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	13.79	3.33	3.57	6.46	Inf	20.25	36.00
6195MHz	Pass	13.79	3.55	3.42	6.50	Inf	20.29	36.00
6415MHz	Pass	13.79	4.00	3.32	6.68	Inf	20.47	36.00
6535MHz	Pass	13.55	3.41	4.21	6.84	Inf	20.39	36.00
6695MHz	Pass	13.55	3.60	3.82	6.72	Inf	20.27	36.00
6855MHz	Pass	13.55	3.74	3.83	6.80	Inf	20.35	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	13.79	3.36	3.79	6.59	Inf	20.38	36.00
6205MHz	Pass	13.79	3.28	3.65	6.48	Inf	20.27	36.00
6405MHz	Pass	13.79	3.47	3.43	6.46	Inf	20.25	36.00
6565MHz	Pass	13.55	3.57	4.01	6.81	Inf	20.36	36.00
6685MHz	Pass	13.55	3.74	3.98	6.87	Inf	20.42	36.00
6845MHz	Pass	13.55	3.70	3.85	6.79	Inf	20.34	36.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	13.79	3.63	3.50	6.58	Inf	20.37	36.00
6225MHz	Pass	13.79	3.48	3.77	6.64	Inf	20.43	36.00
6385MHz	Pass	13.79	3.40	3.80	6.61	Inf	20.40	36.00
6625MHz	Pass	13.55	3.91	3.77	6.85	Inf	20.40	36.00
6705MHz	Pass	13.55	3.55	3.97	6.78	Inf	20.33	36.00
6785MHz	Pass	13.55	3.87	3.70	6.80	Inf	20.35	36.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	13.79	3.28	3.57	6.44	Inf	20.23	36.00
6185MHz	Pass	13.79	3.68	3.62	6.66	Inf	20.45	36.00
6345MHz	Pass	13.79	3.61	3.33	6.48	Inf	20.27	36.00
6665MHz	Pass	13.55	3.91	3.72	6.83	Inf	20.38	36.00
802.11be EHT320-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6105MHz	Pass	13.79	3.83	3.52	6.69	Inf	20.48	36.00
6265MHz	Pass	13.79	3.56	3.77	6.68	Inf	20.47	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.