

Testing Laboratory
3787

RADIO TEST REPORT

FCC ID : UDX-600216010
Equipment : Cisco Wireless 9179F Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9179F
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 29, 2024, and testing was started from Dec. 12, 2024 and completed on Jul. 03, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Rex Liao

Sporton International Inc. Hsinchu Laboratory

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Photographs of EUT v01



History of this test report

[illegible]



Summary of Test Result

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

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung



1 General Description

1.1 Information

1.1.1 RF General Information

<Radio 1>

For Indoor AP and Subordinate:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7115	1-233 [59]

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	1TX

For Standard Power AP:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	ax (HEW20)	5955-6415	1-93 [24]
6525-6875		6535-6855	117-181 [17]

Band	Mode	BWch (MHz)	Nant
UNII 5, UNII 7	802.11ax HEW20	20	1TX

**<Radio 4>****For Indoor AP and Subordinate:**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20), be (EHT20)	5955-7115	1-233 [59]
5925-7125	ax (HEW40), be (EHT40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80), be (EHT80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160), be (EHT160)	6025-6985	15-207 [7]
5925-7125	be (EHT320)	6105-6905	31-191 [6]

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	1, 2, 4TX
UNII 5~8	802.11ax HEW20-BF	20	2, 4TX
UNII 5~8	802.11be EHT20	20	1, 2, 4TX
UNII 5~8	802.11be EHT20-BF	20	2, 4TX
UNII 5~8	802.11ax HEW40	40	1, 2, 4TX
UNII 5~8	802.11ax HEW40-BF	40	2, 4TX
UNII 5~8	802.11be EHT40	40	1, 2, 4TX
UNII 5~8	802.11be EHT40-BF	40	2, 4TX
UNII 5~8	802.11ax HEW80	80	1, 2, 4TX
UNII 5~8	802.11ax HEW80-BF	80	2, 4TX
UNII 5~8	802.11be EHT80	80	1, 2, 4TX
UNII 5~8	802.11be EHT80-BF	80	2, 4TX
UNII 5~8	802.11ax HEW160	160	1, 2, 4TX
UNII 5~8	802.11ax HEW160-BF	160	2, 4TX
UNII 5~8	802.11be EHT160	160	1, 2, 4TX
UNII 5~8	802.11be EHT160-BF	160	2, 4TX
UNII 5~8	802.11be EHT320	320	1, 2, 4TX
UNII 5~8	802.11be EHT320-BF	320	2, 4TX



For MRU (Static preamble puncturing):
Multi-RU:

RU-tone	Bandwidth (MHz)				6GHz Test CH	
	80				UNII-5 CH7	UNII-8 CH215
242+242(MCS0)	242			242	V	V
242+242(MCS4)	242			242	V	V
484+242(MCS0)		484		242	V	V
484+242(MCS4)		484		242	V	V

RU-tone	Bandwidth (MHz)				6GHz Test CH	
	160				UNII-5 CH15	UNII-8 CH207
996+484(MCS0)	484			996	V	V
996+484(MCS4)	484			996	V	V
484+3x242(MCS0)	484	242	242	242	V	V
484+3x242(MCS4)	484	242	242	242	V	V
484+484(MCS0)	484			484	V	V
484+484(MCS4)	484			484	V	V

RU-tone	Bandwidth (MHz)				6GHz Test CH	
	320				UNII-5 CH31	UNII-8 CH191
3x996(MCS0)	996	996	996		V	--
3x996(MCS4)	996	996	996		V	--
2x996+484(MCS0)		484	996	996	--	V
2x996+484(MCS4)		484	996	996	--	V
2x996+484(MCS0)	996	996		484	V	V
2x996+484(MCS4)	996	996		484	V	V
2x996(MCS0)	996			996	V	V
2x996(MCS4)	996			996	V	V

Puncturing:

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

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

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

**For Standard Power AP:**

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

Band	Mode	BWch (MHz)	Nant
UNII 5, UNII 7	802.11ax HEW20	20	1, 2, 4TX
UNII 5, UNII 7	802.11ax HEW20-BF	20	2, 4TX
UNII 5, UNII 7	802.11be EHT20	20	1, 2, 4TX
UNII 5, UNII 7	802.11be EHT20-BF	20	2, 4TX
UNII 5, UNII 7	802.11ax HEW40	40	1, 2, 4TX
UNII 5, UNII 7	802.11ax HEW40-BF	40	2, 4TX
UNII 5, UNII 7	802.11be EHT40	40	1, 2, 4TX
UNII 5, UNII 7	802.11be EHT40-BF	40	2, 4TX
UNII 5, UNII 7	802.11ax HEW80	80	1, 2, 4TX
UNII 5, UNII 7	802.11ax HEW80-BF	80	2, 4TX
UNII 5, UNII 7	802.11be EHT80	80	1, 2, 4TX
UNII 5, UNII 7	802.11be EHT80-BF	80	2, 4TX
UNII 5, UNII 7	802.11ax HEW160	160	1, 2, 4TX
UNII 5, UNII 7	802.11ax HEW160-BF	160	2, 4TX
UNII 5, UNII 7	802.11be EHT160	160	1, 2, 4TX
UNII 5, UNII 7	802.11be EHT160-BF	160	2, 4TX
UNII 5, UNII 7	802.11be EHT320	320	1, 2, 4TX
UNII 5, UNII 7	802.11be EHT320-BF	320	2, 4TX

**For MRU (Static preamble puncturing):
Multi-RU:**

RU-tone	Bandwidth (MHz)			6GHz Test CH
	80			UNII-5 CH7
242+242(MCS0)	242		242	V
242+242(MCS4)	242		242	V
484+242(MCS0)	484		242	V
484+242(MCS4)	484		242	V

RU-tone	Bandwidth (MHz)			6GHz Test CH
	160			UNII-5 CH15
996+484(MCS0)	484		996	V
996+484(MCS4)	484		996	V
484+3x242(MCS0)	484	242	242	V
484+3x242(MCS4)	484	242	242	V
484+484(MCS0)	484		484	V
484+484(MCS4)	484		484	V

RU-tone	Bandwidth (MHz)			6GHz Test CH
	320			UNII-5 CH31
3x996(MCS0)	996	996	996	V
3x996(MCS4)	996	996	996	V
2x996+484(MCS0)		484	996	--
2x996+484(MCS4)		484	996	--
2x996+484(MCS0)	996	996	484	V
2x996+484(MCS4)	996	996	484	V
2x996(MCS0)	996		996	V
2x996(MCS4)	996		996	V

Puncturing:

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

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

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

**Note:**

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

1.1.2 Worst case of MRU (Static preamble puncturing) evaluation procedure

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



1.1.3 Antenna Information

<Internal Antenna>

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	WNC	57XPAD15.LAU	Dipole	U.FL	Radio 1
2	WNC	57XPAD15.MAU	Dipole	U.FL	
3	WNC	57XPAD15.AAU	Dipole	U.FL	Radio 2
4	WNC	57XPAD15.BAU	Dipole	U.FL	
5	WNC	57XPAD15.CAU	Dipole	U.FL	
6	WNC	57XPAD15.DAU	Dipole	U.FL	
7	WNC	57XPAD15.HAU	Dipole	U.FL	Radio 3
8	WNC	57XPAD15.HAU	Dipole	U.FL	
9	WNC	57XPAD15.IAU	Dipole	U.FL	
10	WNC	57XPAD15.IAU	Dipole	U.FL	
11	WNC	57XPAD15.JAU	Dipole	U.FL	Radio 4
12	WNC	57XPAD15.JAU	Dipole	U.FL	
13	WNC	57XPAD15.KAU	Dipole	U.FL	
14	WNC	57XPAD15.KAU	Dipole	U.FL	
15	WNC	57XPAD15.EAU	Dipole	U.FL	Radio 5
16	WNC	57XPAD15.EAU	Dipole	U.FL	
17	WNC	57XPAD15.FAU	Dipole	U.FL	
18	WNC	57XPAD15.FAU	Dipole	U.FL	
19	WNC	57XPAD15.NAU	Loop	U.FL	Radio 6
20	WNC	57XPAD15.PAU	PIFA	U.FL	Radio 7
21	WNC	57XPAD15.0DG	PIFA	U.FL	
22	WNC	57XPAD15.OAU	Patch	U.FL	Radio 8
23	WNC	57XPAD15.OAU	Patch	U.FL	

Ant.	Port	Gain (dBi)						Support
		WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz			
			UNII 1~2A	UNII 2C~3	UNII 5~6	UNII 7	UNII 8	
1	1	3.7	4.9	6.1	5.0	5.8	5.7	Radio 1
2	2	5.1	4.5	5.2	5.5	6.4	5.3	
3	1	5.0	-	-	-	-	-	Radio 2
4	2	4.3	-	-	-	-	-	
5	3	5.1	-	-	-	-	-	
6	4	5.3	-	-	-	-	-	

Ant.	Port	Gain (dBi)					Support
		WLAN 5GHz					
		Mode	UNII 1	UNII 2A	UNII 2C	UNII 3	
7	3	Boresight	9.3	9.4	9.7	9.8	Radio 3
		Steering	9.4	9.4	10.0	10.0	
8	4	Boresight	10.3	10.3	10.6	10.2	
		Steering	10.2	10.2	10.6	10.3	
9	2	Boresight	9.6	9.9	10.3	9.9	
		Steering	9.9	9.8	10.3	10.1	
10	1	Boresight	10.4	10.6	10.7	10.4	
		Steering	10.3	10.7	10.6	10.4	

Ant.	Port	Gain (dBi)					Support
		WLAN 6GHz					
		Mode	UNII 5	UNII 6	UNII 7	UNII 8	
11	3	Narrow Beam	9.2	9.0	9.0	9.1	Radio 4
		Wide Beam	5.4	4.9	5.3	6.0	
12	4	Narrow Beam	9.2	8.7	8.7	8.8	
		Wide Beam	5.1	5.2	5.2	5.4	
13	2	Narrow Beam	10.0	9.8	9.8	9.9	
		Wide Beam	6.4	6.2	6.5	6.9	
14	1	Narrow Beam	9.8	10.1	10.1	10.0	
		Wide Beam	5.6	6.2	6.2	7.0	

Ant.	Port	Gain (dBi)						Support
		WLAN 5GHz			Bluetooth / Zigbee	UWB	GPS	
		Mode	UNII 1	UNII 2A				
15	2	Boresight	8.6	8.8	-	-	-	Radio 5
		Steering	8.5	9.0	-	-	-	
16	1	Boresight	9.4	9.4	-	-	-	
		Steering	9.4	9.4	-	-	-	
17	4	Boresight	8.7	9.3	-	-	-	
		Steering	8.8	9.2	-	-	-	
18	3	Boresight	8.5	9.0	-	-	-	
		Steering	8.5	9.0	-	-	-	
19	1	-	-	-	6.1	-	-	Radio 6
20	1	-	-	-	-	-	3.8	Radio 7
21	1	-	-	-	-	-	3.5	
22	2	-	-	-	-	8.2	-	Radio 8
23	1	-	-	-	-	8.6	-	


<External Antenna>

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	1~4	CISCO	AIR-ANT2588P4M-NS	(Panel) Dual-polarized directional	N-Female Bulkhead	Radio 2, Radio 5
2	1~4	CISCO	AIR-ANT2566D4M-R	(Patch) Dual-Band Polarization-Diverse Directional Array	RP-TNC (with coupling ring)	
3	1~4	CISCO	AIR-ANT2566D4M-RS	(Patch) Dual-Band Polarization-Diverse Directional Array	RP-TNC (with coupling ring)	
4	1~4	CISCO	AIR-ANT2566P4W-R	(Patch) 4-element dual-band MIMO	RP-TNC	
5	1~4	CISCO	AIR-ANT2566P4W-RS	(Patch) 4-element dual-band MIMO	RP-TNC	
6	1~4	CISCO	CW-ANT-T-D3-N	Dipole	RP-TNC	Radio 7
7	1	CISCO	CW-ANT-GPS1-M-00	OMNI	MMCX	

Ant.	Gain (dBi)					Support
	Pol	WLAN 2.4GHz				
		Peak Gain	Internal Cable Loss	External Cable Loss	Net Gain	
1	V-Pol*2	9.1	0.83	0.5	7.77	Radio 2
	H-Pol*2	7.1	0.83		5.77	
2~3	V-Pol*2	6	0.83	-	5.17	
	H-Pol*2	6	0.83	-	5.17	
4~5	V-Pol*4	6	0.83	-	5.17	
6	-	6	0.83	-	5.17	

Ant.	Gain (dBi)					Support
	Pol	WLAN 5GHz				
		Peak Gain	Internal Cable Loss	External Cable Loss	Net Gain	
1	V-Pol*2	9.6	1.29	0.8	7.51	Radio 5
	H-Pol*2	7.8	1.29		5.71	
2~3	V-Pol*2	6	1.29	-	4.71	
	H-Pol*2	6	1.29	-	4.71	
4~5	V-Pol*4	6	1.29	-	4.71	
6	-	7.5	1.29	-	6.21	

Ant.	Gain (dBi)	Support
	GPS	
7	5	Radio 7

Note 1: The above information was declared by manufacturer.

Note 2: For external Ant. 1~6:

For radiated measurement: The external Ant. 1, 5 and 6 with the highest antenna gain for each type were selected for testing.

For conducted measurement:

NonTXBF power: The external Ant. 1 with the highest antenna gain was selected for testing.



NonTXBF PSD / TXBF power & PSD:

2.4GHz: The external Ant. 4 with the highest antenna array gain was selected for testing.

5GHz: The external Ant. 6 with the highest antenna array gain was selected for testing.

Note 3: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,2) = 10^{G3/20} ; NSS1(g1,2) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where;

For nonTXBF power:

Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
2	2.4G External	2TX	7.77	5.77	-	-	7.77	Cross-Polarized Antenna
		4TX	7.77	5.77	7.77	5.77	7.77	
	2.4G Internal	2TX	5	4.3	-	-	5	
		4TX	5	4.3	5.1	5.3	5.3	
3	5G UNII 1 (Note 4)	2TX	10.4	9.9	-	-	10.4	
		4TX	10.4	9.9	9.4	10.3	10.4	
	5G UNII 1 (Boresight)	2TX	10.4	9.6	-	-	10.4	
		4TX	10.4	9.6	9.3	10.3	10.4	
	5G UNII 2A (Note 4)	2TX	10.7	9.9	-	-	10.7	
		4TX	10.7	9.9	9.4	10.3	10.7	
	5G UNII 2A (Boresight)	2TX	10.6	9.9	-	-	10.6	
		4TX	10.6	9.9	9.4	10.3	10.6	
	5G UNII 2C (Note 4)	2TX	10.7	10.3	-	-	10.7	
		4TX	10.7	10.3	10	10.6	10.7	
	5G UNII 2C (Boresight)	2TX	10.7	10.3	-	-	10.7	
		4TX	10.7	10.3	9.7	10.6	10.7	
	5G UNII 2C (Steering)	2TX	10.6	10.3	-	-	10.6	
		4TX	10.6	10.3	10	10.6	10.6	



Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
3	5G UNII 3 (Note 4)	2TX	10.4	10.1	-	-	10.4	Cross-Polarized Antenna
		4TX	10.4	10.1	10	10.3	10.4	
	5G UNII 3 (Boresight)	2TX	10.4	9.9	-	-	10.4	
		4TX	10.4	9.9	9.8	10.2	10.4	
	5G UNII 3 (Steering)	2TX	10.4	10.1	-	-	10.4	
		4TX	10.4	10.1	10	10.3	10.4	
4	6G UNII 5 (Narrow Beam)	2TX	9.8	10	-	-	10	
		4TX	9.8	10	9.2	9.2	10	
	6G UNII 5 (Wide Beam)	2TX	5.6	6.4	-	-	6.4	
		4TX	5.6	6.4	5.4	5.1	6.4	
	6G UNII 6 (Narrow Beam)	2TX	10.1	9.8	-	-	10.1	
		4TX	10.1	9.8	9	8.7	10.1	
	6G UNII 6 (Wide Beam)	2TX	6.2	6.2	-	-	6.2	
		4TX	6.2	6.2	4.9	5.2	6.2	
	6G UNII 7 (Narrow Beam)	2TX	10.1	9.8	-	-	10.1	
		4TX	10.1	9.8	9	8.7	10.1	
	6G UNII 7 (Wide Beam)	2TX	6.2	6.5	-	-	6.5	
		4TX	6.2	6.5	5.3	5.2	6.5	
	6G UNII 8 (Narrow Beam)	2TX	10	9.9	-	-	10	
		4TX	10	9.9	9.1	8.8	10	
5	5G UNII 1~2A External	2TX	7.51	5.71	-	-	7.51	
		4TX	7.51	5.71	7.51	5.71	7.51	
	5G UNII 1 Internal (Note 4)	2TX	9.4	8.6	-	-	9.4	
		4TX	9.4	8.6	8.5	8.8	9.4	
	5G UNII 1 Internal (Boresight)	2TX	9.4	8.6	-	-	9.4	
		4TX	9.4	8.6	8.5	8.7	9.4	
	5G UNII 1 Internal (Steering)	2TX	9.4	8.5	-	-	9.4	
		4TX	9.4	8.5	8.5	8.8	9.4	
	5G UNII 2A Internal (Note 4)	2TX	9.4	9	-	-	9.4	
		4TX	9.4	9	9	9.3	9.4	
	5G UNII 2A Internal (Boresight)	2TX	9.4	8.8	-	-	9.4	
		4TX	9.4	8.8	9	9.3	9.4	
	5G UNII 2A Internal (Steering)	2TX	9.4	9	-	-	9.4	
		4TX	9.4	9	9	9.2	9.4	

**For nonTXBF PSD / TXBF power & PSD:**

Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
2	2.4G External	2TX	5.17	5.17	-	-	8.18	-
		4TX	5.17	5.17	5.17	5.17	11.19	
	2.4G Internal	2TX	5	4.3	-	-	5	
		4TX	5	4.3	5.1	5.3	7.95	
3	5G UNII 1 (Note 4)	2TX	10.4	9.9	-	-	10.4	Cross-Polarized Antenna
		4TX	10.4	9.9	9.4	10.3	13.02	
	5G UNII 1 (Boresight)	2TX	10.4	9.6	-	-	10.4	
		4TX	10.4	9.6	9.3	10.3	12.93	
	5G UNII 2A (Note 4)	2TX	10.7	9.9	-	-	10.7	
		4TX	10.7	9.9	9.4	10.3	13.11	
	5G UNII 2A (Boresight)	2TX	10.6	9.9	-	-	10.6	
		4TX	10.6	9.9	9.4	10.3	13.08	
	5G UNII 2C (Note 4)	2TX	10.7	10.3	-	-	10.7	
		4TX	10.7	10.3	10	10.6	13.42	
	5G UNII 2C (Boresight)	2TX	10.7	10.3	-	-	10.7	
		4TX	10.7	10.3	9.7	10.6	13.35	
	5G UNII 2C (Steering)	2TX	10.6	10.3	-	-	10.6	
		4TX	10.6	10.3	10	10.6	13.31	
	5G UNII 3 (Note 4)	2TX	10.4	10.1	-	-	10.4	
		4TX	10.4	10.1	10	10.3	13.21	
	5G UNII 3 (Boresight)	2TX	10.4	9.9	-	-	10.4	
		4TX	10.4	9.9	9.8	10.2	13.09	
	5G UNII 3 (Steering)	2TX	10.4	10.1	-	-	10.4	
		4TX	10.4	10.1	10	10.3	13.21	
4	6G UNII 5 (Narrow Beam)	2TX	9.8	10	-	-	10	
		4TX	9.8	10	9.2	9.2	12.57	
	6G UNII 5 (Wide Beam)	2TX	5.6	6.4	-	-	6.4	
		4TX	5.6	6.4	5.4	5.1	8.66	
	6G UNII 6 (Narrow Beam)	2TX	10.1	9.8	-	-	10.1	
		4TX	10.1	9.8	9	8.7	12.45	
	6G UNII 6 (Wide Beam)	2TX	6.2	6.2	-	-	6.2	
		4TX	6.2	6.2	4.9	5.2	8.67	
	6G UNII 7 (Narrow Beam)	2TX	10.1	9.8	-	-	10.1	
		4TX	10.1	9.8	9	8.7	12.45	
	6G UNII 7 (Wide Beam)	2TX	6.2	6.5	-	-	6.5	
		4TX	6.2	6.5	5.3	5.2	8.85	
	6G UNII 8 (Narrow Beam)	2TX	10	9.9	-	-	10	
		4TX	10	9.9	9.1	8.8	12.49	
	6G UNII 8 (Wide Beam)	2TX	7	6.9	-	-	7	
		4TX	7	6.9	6.0	5.4	9.38	



Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
5	5G UNII 1~2A External	2TX	6.21	6.21	-	-	9.22	-
		4TX	6.21	6.21	6.21	6.21	12.23	
	5G UNII 1 Internal (Note 4)	2TX	9.4	8.6	-	-	9.4	Cross-Polarized Antenna
		4TX	9.4	8.6	8.5	8.8	12.19	
	5G UNII 1 Internal (Boresight)	2TX	9.4	8.6	-	-	9.4	
		4TX	9.4	8.6	8.5	8.7	11.82	
	5G UNII 1 Internal (Steering)	2TX	9.4	8.5	-	-	9.4	
		4TX	9.4	8.5	8.5	8.8	11.82	
	5G UNII 2A Internal (Note 4)	2TX	9.4	9	-	-	9.4	
		4TX	9.4	9	9	9.3	12.19	
	5G UNII 2A Internal (Boresight)	2TX	9.4	8.8	-	-	9.4	
		4TX	9.4	8.8	9	9.3	12.14	
	5G UNII 2A Internal (Steering)	2TX	9.4	9	-	-	9.4	
		4TX	9.4	9	9	9.2	12.16	

Note 4: For RF Conducted: For internal Ant. 7~10 and Ant. 15~18, only the mode with higher antenna gain between Boresight mode and Steering mode was selected to record in this column and to perform all the test items, except for RF exposure and CBP tests.

Note 5: For CBP tests:

For Radio 1: The internal Ant. 1 with the lowest antenna gain (4.8 dBi) was selected to test.

For Radio 4: The internal Ant. 12 with the lowest antenna gain (4.1 dBi) was selected to test.

Note 6: **<Radio 1>**

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax (1TX/2RX):

Only Port 1 can be used as transmitting antenna.

Both Port 1 and 2 can be used as receiving antenna.

Port 1~2 could receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax (1TX/2RX):

Only Port 1 can be used as transmitting antenna.

Both Port 1 and 2 can be used as receiving antenna.

Port 1~2 could receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax (1TX/2RX):

Only Port 1 can be used as transmitting antenna.

Both Port 1 and 2 can be used as receiving antenna.

Port 1~2 could receive simultaneously.

**<Radio 2>****For 2.4GHz function:****For IEEE 802.11 b/g/n/VHT/ax/be (1TX, 2TX, 4TX/4RX):****1TX:**

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

<Radio 3>**For 5GHz function:****For IEEE 802.11 a/n/ac/ax/be (1TX, 2TX, 4TX/4RX):****1TX:**

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

<Radio 4>**For 6GHz function:****For IEEE 802.11 ax/be (1TX, 2TX, 4TX/4RX):****1TX:**

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

**<Radio 5>****For 5GHz function:****For IEEE 802.11 a/n/ac/ax/be (1TX, 2TX, 4TX/4RX):****1TX:**

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

<Radio 6>**For Bluetooth function (1TX/1RX):**

Only Port 1 can be used as transmitting/receiving antenna.

For Zigbee function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

<Radio 7>**For GPS function (1RX):**

The EUT supports the antenna with RX diversity functions.

Internal Ant. 20~21 and external Ant. 7 can be used as receiving antenna, but only one of them will be used at one time.

<Radio 8>**For UWB function (1TX/2RX):**

Only Port 1 can be used as transmitting antenna.

Both Port 1 and 2 can be used as receiving antenna.

Port 1~2 could receive simultaneously.

**1.1.4 Mode Test Duty Cycle**

<Radio 1>

For Indoor AP:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss1,(M0)	0.773	1.12	5.446m	300

For Standard Power AP:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss1,(M0)	0.773	1.12	5.446m	300

<Radio 4>

For Indoor AP_Narrow Beam_Full RU_Non-BF mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_1TX	0.997	0.01	5.459m	10
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_2TX	0.997	0.01	5.459m	10
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_4TX	0.997	0.01	5.459m	10

For Indoor AP_Narrow Beam_Full RU_BF mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.917	0.38	2.991m	500
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.948	0.23	3.716m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.948	0.23	3.9m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.951	0.22	3.9m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.933	0.3	3.991m	300
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.946	0.24	2.988m	500
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.947	0.24	3.716m	300
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.951	0.22	3.9m	300
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.956	0.2	3.913m	300
802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.948	0.23	3.991m	300

**For Indoor AP_Narrow Beam_Multi-RU:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242	0.789	1.03	1.761m	1k
802.11be EHT80_Nss1,(MCS0),RU242+RU242	0.914	0.39	2.745m	1k
802.11be EHT160_Nss1,(MCS0),RU996+RU484	0.778	1.09	1.421m	1k
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242	0.878	0.57	2.763m	1k
802.11be EHT160_Nss1,(MCS0),RU484+RU484	0.799	0.97	1.423m	1k
802.11be EHT320_Nss1,(MCS0),3xRU996	0.821	0.86	1.435m	1k
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484	0.905	0.43	3.043m	1k
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484	0.802	0.96	1.433m	1k
802.11be EHT320_Nss1,(MCS0),2xRU996	0.926	0.33	5.175m	300

For Indoor AP_Narrow Beam_Puncturing:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.998	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.997	0.01	5.46m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996	0.997	0.01	5.458m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.998	0.01	5.46m	10Hz (DC>=0.98)

For Indoor AP_Wide Beam_Full RU_Non-BF mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_1TX	0.997	0.01	5.459m	10
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_2TX	0.997	0.01	5.459m	10
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_4TX	0.997	0.01	5.459m	10

**For Indoor AP_Wide Beam_Full RU_BF mode:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.959	0.18	2.992m	500
5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.957	0.19	3.712m	300
5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.952	0.21	3.897m	300
5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.936	0.29	3.897m	300
5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.95	0.22	3.988m	300
5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.952	0.21	2.992m	500
5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.911	0.4	3.712m	300
5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.97	0.13	3.896m	300
5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.954	0.2	3.897m	300
5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.975	0.11	3.988m	300
6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.959	0.18	2.992m	500
6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.957	0.19	3.712m	300
6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.952	0.21	3.897m	300
6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.936	0.29	3.897m	300
6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.95	0.22	3.988m	300
6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.952	0.21	2.992m	500
6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.911	0.4	3.712m	300
6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.97	0.13	3.896m	300
6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.954	0.2	3.897m	300
6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.975	0.11	3.988m	300
6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.959	0.18	2.992m	500
6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.957	0.19	3.712m	300
6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.952	0.21	3.897m	300
6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.936	0.29	3.897m	300
6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.95	0.22	3.988m	300
6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.952	0.21	2.992m	500
6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.911	0.4	3.712m	300
6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.97	0.13	3.896m	300
6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.954	0.2	3.897m	300
6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.975	0.11	3.988m	300
6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.959	0.18	2.992m	500
6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.957	0.19	3.712m	300
6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.952	0.21	3.897m	300
6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.936	0.29	3.897m	300
6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.952	0.21	2.992m	500
6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.911	0.4	3.712m	300
6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.97	0.13	3.896m	300
6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.954	0.2	3.897m	300

**For Indoor AP_Wide Beam_Multi-RU:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.886	0.53	3.583m	300
802.11be EHT80_Nss 1,(M0),RU242+RU242	0.906	0.43	2.748m	500
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.79	1.02	1.423m	1k
802.11be EHT160_Nss 1,(M0),RU484+3xRU242	0.89	0.51	2.763m	500
802.11be EHT160_Nss 1,(M0),RU484+RU484	0.809	0.92	1.423m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.812	0.9	1.435m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.913	0.4	3.043m	500
802.11be EHT320_Nss 1,(M0),2xRU996	0.932	0.31	5.173m	200

For Indoor AP_Wide Beam_Puncturing:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242	0.998	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484	0.998	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484	0.998	0.01	5.46m	10
802.11be EHT320_Nss1,(MCS0),3xRU996	0.997	0.01	5.458m	10
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484	0.998	0.01	5.46m	10

For Standard Power AP_Narrow Beam_Full RU_Non-BF mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.978	0.1	5.141m	300
802.11be EHT40_Nss 1,(M0)	0.979	0.09	5.306m	300
802.11be EHT80_Nss 1,(M0)	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss 1,(M0)	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT320_Nss 1,(M0)	0.961	0.17	2.659m	1k

For Standard Power AP_Narrow Beam_Full RU_BF mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.935	0.29	2.986m	1k
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.956	0.2	3.715m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.952	0.21	3.9m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.914	0.39	3.9m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.949	0.23	3.99m	300
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.935	0.29	2.989m	1k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.946	0.24	3.738m	300
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.96	0.18	3.898m	300
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.934	0.3	3.9m	300
802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.958	0.19	3.99m	300

**For Standard Power AP_Narrow Beam_Multi-RU:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.915	0.39	3.585m	300
802.11be EHT80_Nss 1,(M0),RU242+RU242	0.879	0.56	2.749m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.79	1.02	1.425m	1k
802.11be EHT160_Nss 1,(M0),RU484+3xRU242	0.888	0.52	2.767m	1k
802.11be EHT160_Nss 1,(M0),RU484+RU484	0.802	0.96	1.425m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.806	0.94	1.436m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.91	0.41	3.049m	1k
802.11be EHT320_Nss 1,(M0),2xRU996	0.943	0.25	5.13m	300

For Standard Power AP_Narrow Beam_Puncturing:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.998	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.99	0.04	5.46m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996	0.998	0.01	5.46m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.998	0.01	5.46m	10Hz (DC>=0.98)

For Standard Power AP_Wide Beam_Full RU_Non-BF mode:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_1TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_1TX	0.997	0.01	5.459m	10
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_2TX	0.997	0.01	5.459m	10
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	5.455m	10
802.11be EHT320_Nss1,(MCS0)_4TX	0.997	0.01	5.459m	10

**For Standard Power AP_Wide Beam_Full RU_BF mode:**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.94	0.27	2.991m	500
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.97	0.13	3.712m	300
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.957	0.19	3.896m	300
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.968	0.14	3.897m	300
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.964	0.16	3.988m	300
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.951	0.22	3.1m	500
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.954	0.2	3.711m	300
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.951	0.22	3.897m	300
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.962	0.17	3.897m	300
802.11be EHT320-BF_Nss1,(MCS0)_4TX	0.941	0.26	3.988m	300

For Standard Power AP_Wide Beam_Multi-RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.886	0.53	2.749m	500
802.11be EHT80_Nss 1,(M0),RU242+RU242	0.897	0.47	2.749m	500
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.784	1.06	1.425m	1k
802.11be EHT160_Nss 1,(M0),RU484+3xRU242	0.888	0.52	2.764m	500
802.11be EHT160_Nss 1,(M0),RU484+RU484	0.789	1.03	1.425m	1k
802.11be EHT320_Nss 1,(M0),3xRU996	0.784	1.06	1.436m	1k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.839	0.76	1.852m	1k
802.11be EHT320_Nss 1,(M0),2xRU996	0.927	0.33	5.175m	200

For Standard Power AP_Wide Beam_Puncturing:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.998	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.998	0.01	5.457m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),3xRU996	0.997	0.01	5.457m	10Hz (DC>=0.98)
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.997	0.01	5.457m	10Hz (DC>=0.98)

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From PoE	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz (Radio 2), n/ac/ax/be in 5GHz (Radio 3 and Radio 5) and ax/be in 6GHz (Radio 4).	
Device Type	☒ Indoor Access Point	☒ Subordinate
	☐ Indoor Client	☒ Standard Power Access Point
	☐ Dual Client	☐ Standard Client
	☐ Fixed Client	☐ Very Low Power
Condition of EUT	☒ Indoor	☐ Outdoor
Channel Puncturing Function	☒ Supported Static Puncturing in Radio 4	
	☐ Supported Dynamic Puncturing	
	☒ Unsupported in Radio 1	
	Note: The EUT doesn't support puncturing for CBP.	
Support RU	☒ Full RU in Radio 1 and 4	☒ Partial RU in Radio 4
Test Software Version	Non-beamforming mode: QSPR Version 6.00.00142.1 Beamforming mode: For Conducted: DOS[10.0.19045.4780] For Radiated: Tera term V1.0.0.18	
Software / Firmware Version for CBP	For Cisco SW: Radio 1: Thu Feb 6 11:17:52 GMT 2025 Radio 4: Thu May 8 18:53:07 UTC 2025 For Meraki SW: 31-1-202411252332-G55909786bdfc-rel-shore	
Serial Number	For others: WNT284508JE For AC Conduction and Radiated below 1GHz tests: WNT284706NC For CBP test: Cisco SW: Radio 1: WNT284706NX Radio 4: WNT284706KH Meraki SW: WNT284603H5	

Note: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

Equipment Name	Model Name	BW of 5G Mode (MHz)	Radio 3	6G Mode	SW	Frequencies supported by 320MHz (MHz)
Cisco Wireless 9179F Series Wi-Fi 7 Access Point	CW9179F	20/40/80/160	UNII 1~3/ UNII 2C~3	6ID	Cisco	6105, 6265, 6425, 6745
				6SD		Not support
		20/40/80	UNII 2C~3	6ID&6PP	Meraki	6105, 6265, 6425, 6585, 6745, 6905
				6SD		6105

Note: The above information was declared by manufacturer.

1.1.7 Table for EUT Support Function

Function	Supports Band
AP	2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8, Bluetooth, Zigbee, UWB and GPS
Mesh	6GHz UNII 5~8

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

Note 2: The above information was declared by manufacturer.

1.1.8 Table for Radio Function

Function Radio (R)	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	Zigbee	UWB	GPS
R1 (Scanning Radio)	✓	✓ (UNII 1~3)	✓	-	-	-	-
R2	✓	-	-	-	-	-	-
R3	-	✓ (Note 1) (Full band: UNII 1~3) (High band: UNII 2C~3)	-	-	-	-	-
R4	-	-	✓	-	-	-	-
R5	-	✓ (Low band: UNII 1~2A)	-	-	-	-	-
R6	-	-	-	✓	✓	-	-
R7	-	-	-	-	-	-	✓
R8	-	-	-	-	-	✓	-

Note 1: For R3, the full band mode supports Boresight mode only, and the high band mode supports both Boresight mode and Steering mode.

Note 2: For WLAN 2.4GHz, R1 and R2 can't operate at the same frequency simultaneously.

For WLAN 5GHz, R1, R3 and R5 can't operate at the same frequency simultaneously.

For WLAN 6GHz, R1 and R4 can't operate at the same frequency simultaneously.

Note 3: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v03
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH03-CB	Ederson Huang	23.2~24.9 / 61~64	Dec. 18, 2024~ Jan. 24, 2025
				Mar. 21, 2025~ Mar. 22, 2025
Radiated < 1GHz	03CH05-CB	Jackson Peng	21.9~22.4 / 60~62	Feb. 19, 2025~ Feb. 25, 2025
Radiated > 1GHz (Cabinet)	03CH06-CB	Jackson Peng	22.5~22.9 / 58~60	Feb. 06, 2025~ Feb. 08, 2025
Radiated > 1GHz and RF Radiated (E.I.R.P. Power/PSD) for Full RU	03CH01-CB	Jackson Peng	22.1~23.1 / 60~62	Dec. 12, 2024~ Jan. 09, 2025
	03CH02-CB		22~23 / 61~63	
	03CH03-CB		22.2~22.6 / 59~61	
	03CH04-CB		22.7~23.8 / 58~60	
	03CH05-CB		21.9~22.4 / 60~62	
	03CH06-CB		22.5~22.9 / 58~60	
Radiated > 1GHz and RF Radiated (E.I.R.P. Power/PSD) for Multi-RU & Puncturing	03CH01-CB	Jackson Peng	22.1~23.1 / 60~62	Feb. 14, 2025~ Mar. 24, 2025
	03CH02-CB		22~23 / 61~63	
	03CH03-CB		22.2~22.6 / 59~61	
	03CH06-CB		22.5~22.9 / 58~60	
AC Conduction	CO02-CB	Joe Chu	23~24 / 50~51	Jan. 21, 2025~ Feb. 06, 2025
				Mar. 18, 2025
RF Conducted (Contention-Based Protocol test: Mode 1)	DF02-CB	Simmon Cheng	21.1~22.9 / 60~62	Mar. 05, 2025~ Mar. 06, 2025



Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Contention-Based Protocol test: Mode 2&4)	DF01-CB	Eddie Weng	21.4~23.1 / 55~56	Jan. 16, 2025~ Jan. 23, 2025
RF Conducted (Contention-Based Protocol test: Mode 3)	DF01-CB	Eason Chen	21.1~22.9 / 60~62	Jun. 25, 2025~ Jul. 03, 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 date: Before May 28, 2025

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%

Test date: After May 27, 2025

Test Items	Uncertainty	Remark
Conducted Emission	2.5 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

<Radio 1>

For Indoor AP:

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz

For Standard Power AP:

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz

**<Radio 4>****For Indoor AP_Narrow Beam_Full RU_Non-BF mode:**

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz



Mode
6985MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_2TX



Mode
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz



Mode
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

For Indoor AP_Narrow Beam_Full RU_BF mode:

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz



Mode
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz



Mode
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

For Indoor AP_Narrow Beam_Multi-RU:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX



Mode
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_1TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_2TX



Mode
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6905MHz

For Indoor AP_Narrow Beam_Puncturing:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX



Mode
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 2_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_1TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 2_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 8_2TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_4TX



Mode
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 2_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 8_4TX
6905MHz

For Indoor AP_Wide Beam_Full RU_Non-BF mode:

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz



Mode
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz



Mode
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz



Mode
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

For Indoor AP_Wide Beam_Full RU_BF mode:

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz



Mode
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz



Mode
6895MHz
6995MHz
7095MHz
7115MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

For Indoor AP_Wide Beam_Multi-RU:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5985MHz



Mode
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_1TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
6985MHz



Mode
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_2TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
7025MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 8_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6905MHz

For Indoor AP_Wide Beam_Puncturing:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX



Mode
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 2_1TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 10_1TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 2_2TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 8_2TX
6905MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX
7025MHz



Mode
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 5_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 2_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 8_4TX
6905MHz

For Standard Power AP_Narrow Beam_Full RU_Non-BF mode:

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



Mode
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
6265MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz



Mode
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz

For Standard Power AP_Narrow Beam_Full RU_BF mode:

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz



Mode
6185MHz
6345MHz
6505MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
6425MHz
6585MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz



Mode
6585MHz

For Standard Power AP_Narrow Beam_Multi-RU:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_1TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX



Mode
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX
6105MHz

For Standard Power AP_Narrow Beam_Puncturing:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_1TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_4TX
6105MHz

For Standard Power AP_Wide Beam_Full RU_Non-BF mode:

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz



Mode
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
6265MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz



Mode
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz

For Standard Power AP_Wide Beam_Full RU_BF mode:

Mode
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz



Mode
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz

**For Standard Power AP_Wide Beam_Multi-RU:**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_1TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 5_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996 MRU 1_4TX



Mode
6105MHz

For Standard Power AP_Wide Beam_Puncturing:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_1TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 CP 6_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 CP 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 CP 3_4TX
6105MHz

Note:

- ♦ For Radio 4: EHT20 / EHT40 / EHT80 / EHT160 covers HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation. The power setting for HEW20 / HEW40 / HEW80 / HEW160 is the same or lower than EHT20 / EHT40 / EHT80 / EHT160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests									
Tests Item	AC power-line conducted emissions								
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz								
Operating Mode	Normal Link								
	R1 (2.4GHz/ 5GHz/6GHz)	R2 (2.4GHz)	R3 (5GHz)	R4 (6GHz)	R5 (5GHz)	R6 (BT/ Zigbee)	R7 (GPS)	R8 (UWB)	PoE
1	2.4GHz	Internal Ant.	Boresight	Narrow Beam	N/A	BT	Internal Ant. 20	✓	1 (Test LAN 0)
2									1 (Test LAN 1)
Mode 2 has been evaluated to be the worst case among Mode 1~2, so the measurement for Mode 3~9 will follow this same test mode.									
3	2.4GHz	Internal Ant.	Boresight	Narrow Beam	N/A	BT	Internal Ant. 20	✓	2 (Test LAN 1)
4									3 (Test LAN 1)
5									4 (Test LAN 1)
6									5 (Test LAN 1)
7									6 (Test LAN 1)
8									7 (Test LAN 1)
9									8 (Test LAN 1)
Mode 5 has been evaluated to be the worst case among Mode 1~9, so the measurement for Mode 10~11 will follow this same test mode.									
10	5GHz	Internal Ant.	Boresight	Narrow Beam	N/A	BT	Internal Ant. 20	✓	4 (Test LAN 1)
11	6GHz								
Mode 5 has been evaluated to be the worst case among Mode 1~11, so the measurement for Mode 12 will follow this same test mode.									
12	2.4GHz	Internal Ant.	Boresight	Narrow Beam	N/A	Zigbee	Internal Ant. 20	✓	4 (Test LAN 1)
Mode 5 has been evaluated to be the worst case among Mode 1~12, so the measurement for Mode 13~14 will follow this same test mode.									
13	2.4GHz	Internal Ant.	Boresight	Narrow Beam	N/A	BT	Internal Ant. 21	✓	4 (Test LAN 1)
14							External Ant. 7		
Mode 5 has been evaluated to be the worst case among Mode 1~14, so the measurement for Mode 15~19 will follow this same test mode.									
15	2.4GHz	Internal Ant.	Steering	Wide Beam	Internal Ant. (Steering)	BT	Internal Ant. 20	✓	4 (Test LAN 1)



Operating Mode	Normal Link								
	R1 (2.4GHz/ 5GHz/6GHz)	R2 (2.4GHz)	R3 (5GHz)	R4 (6GHz)	R5 (5GHz)	R6 (BT/ Zigbee)	R7 (GPS)	R8 (UWB)	PoE
16	2.4GHz	External Ant. 1	Boresight	Narrow Beam	External Ant. 1	BT	Internal Ant. 20	✓	4 (Test LAN 1)
17		External Ant. 5			External Ant. 5				
18		External Ant. 6			External Ant. 6				
19		Internal Ant.			Internal Ant. (Boresight)				
For operating, mode 5 is the worst case and it was recorded in this test report.									

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth
Test Condition	Conducted measurement at transmit chains
Operating Mode	1 EUT_R1: 6GHz / Indoor AP
	2 EUT_R1: 6GHz / Standard Power AP
	3 EUT_R4: 6GHz / Indoor AP (Narrow Beam)
	4 EUT_R4: 6GHz / Indoor AP (Wide Beam)
	5 EUT_R4: 6GHz / Standard Power AP (Narrow Beam)
	6 EUT_R4: 6GHz / Standard Power AP (Wide Beam)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
Operating Mode	1 EUT_R1: 6GHz / Indoor AP
	2 EUT_R1: 6GHz / Standard Power AP



The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)
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	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R4: 6GHz / Indoor AP (Narrow Beam)
2	EUT in Y axis_R4: 6GHz / Indoor AP (Wide Beam)
3	EUT in Y axis_R4: 6GHz / Standard Power AP (Narrow Beam)
4	EUT in Y axis_R4: 6GHz / Standard Power AP (Wide Beam)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.)
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	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R4: 6GHz / Indoor AP (Narrow Beam)_Full RU
2	EUT in Y axis_R4: 6GHz / Indoor AP (Narrow Beam)_Multi-RU
3	EUT in Y axis_R4: 6GHz / Indoor AP (Narrow Beam)_Puncturing
4	EUT in Y axis_R4: 6GHz / Indoor AP (Wide Beam)_Full RU
5	EUT in Y axis_R4: 6GHz / Indoor AP (Wide Beam)_Multi-RU
6	EUT in Y axis_R4: 6GHz / Indoor AP (Wide Beam)_Puncturing
7	EUT in Y axis_R4: 6GHz / Standard Power AP (Narrow Beam)_Full RU
8	EUT in Y axis_R4: 6GHz / Standard Power AP (Narrow Beam)_Multi-RU
9	EUT in Y axis_R4: 6GHz / Standard Power AP (Narrow Beam)_Puncturing
10	EUT in Y axis_R4: 6GHz / Standard Power AP (Wide Beam)_Full RU
11	EUT in Y axis_R4: 6GHz / Standard Power AP (Wide Beam)_Multi-RU
12	EUT in Y axis_R4: 6GHz / Standard Power AP (Wide Beam)_Puncturing



The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
Operating Mode	1 EUT_R1: 6GHz / Indoor AP_Cisco SW
	2 EUT_R1: 6GHz / Indoor AP_Meraki SW
	3 EUT_R4: 6GHz / Indoor AP_Cisco SW
	4 EUT_R4: 6GHz / Indoor AP_Meraki SW

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R1: 2.4GHz + PoE 1
2	EUT in Y axis_R1: 2.4GHz + PoE 2
3	EUT in Y axis_R1: 2.4GHz + PoE 3
4	EUT in Y axis_R1: 2.4GHz + PoE 4
5	EUT in Y axis_R1: 2.4GHz + PoE 5
6	EUT in Y axis_R1: 2.4GHz + PoE 6
7	EUT in Y axis_R1: 2.4GHz + PoE 7
8	EUT in Y axis_R1: 2.4GHz + PoE 8
Mode 4 has been evaluated to be the worst case among Mode 1~8, so the measurement for Mode 9~25 will follow this same test mode.	
9	EUT in Y axis_R1: 5GHz + PoE 4
10	EUT in Y axis_R1: 6GHz + PoE 4
11	EUT in Y axis_R2: 2.4GHz (Internal Ant.) + PoE 4
12	EUT in Y axis_R3: 5GHz (Boresight) + PoE 4
13	EUT in Y axis_R4: 6GHz (Narrow Beam) + PoE 4
14	EUT in Y axis_R5: 5GHz (Internal Ant. - Boresight) + PoE 4
15	EUT in Y axis_R6: Bluetooth + PoE 4
16	EUT in Y axis_R6: Zigbee + PoE 4
17	EUT in Y axis_R3: 5GHz (Steering) + PoE 4

18	EUT in Y axis_R4: 6GHz (Wide Beam) + PoE 4
19	EUT in Y axis_R5: 5GHz (Internal Ant. - Steering) + PoE 4
20	EUT in Y axis_R2: 2.4GHz (External Ant. 1) + PoE 4
21	EUT in Y axis_R2: 2.4GHz (External Ant. 5) + PoE 4
22	EUT in Y axis_R2: 2.4GHz (External Ant. 6) + PoE 4
23	EUT in Y axis_R5: 5GHz (External Ant. 1) + PoE 4
24	EUT in Y axis_R5: 5GHz (External Ant. 5) + PoE 4
25	EUT in Y axis_R5: 5GHz (External Ant. 6) + PoE 4
For operating, mode 13 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX (Cabinet)
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R1: 6GHz
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R4: 6GHz / Indoor AP (Narrow Beam)
2	EUT in Y axis_R4: 6GHz / Indoor AP (Wide Beam)
3	EUT in Y axis_R4: 6GHz / Standard Power AP (Narrow Beam)
4	EUT in Y axis_R4: 6GHz / Standard Power AP (Wide Beam)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Conducted measurement at transmit chains
Operating Mode > 1GHz	CTX (Harmonic & Bandedge)
1	EUT_R1: 6GHz / Indoor AP
2	EUT_R1: 6GHz / Standard Power AP



The Worst Case Mode for Following Conformance Tests		
Tests Item	Emission MASK	
Test Condition	Conducted measurement at transmit chains	
Operating Mode	1	EUT_R1: 6GHz / Indoor AP
	2	EUT_R1: 6GHz / Standard Power AP
	3	EUT_R4: 6GHz / Indoor AP (Narrow Beam)_Full RU
	4	EUT_R4: 6GHz / Indoor AP (Narrow Beam)_Multi-RU
	5	EUT_R4: 6GHz / Indoor AP (Narrow Beam)_Puncturing
	6	EUT_R4: 6GHz / Indoor AP (Wide Beam)_Full RU
	7	EUT_R4: 6GHz / Indoor AP (Wide Beam)_Multi-RU
	8	EUT_R4: 6GHz / Indoor AP (Wide Beam)_Puncturing
	9	EUT_R4: 6GHz / Standard Power AP (Narrow Beam)_Full RU
	10	EUT_R4: 6GHz / Standard Power AP (Narrow Beam)_Multi-RU
	11	EUT_R4: 6GHz / Standard Power AP (Narrow Beam)_Puncturing
	12	EUT_R4: 6GHz / Standard Power AP (Wide Beam)_Full RU
	13	EUT_R4: 6GHz / Standard Power AP (Wide Beam)_Multi-RU
	14	EUT_R4: 6GHz / Standard Power AP (Wide Beam)_Puncturing



The Worst Case Mode for Following Conformance Tests							
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation						
Operating Mode	R1 (2.4GHz/5GHz/ 6GHz)	R2 (2.4GHz)	R3 (5GHz UNII 1~3/ 5GHz UNII 2C~3)	R4 (6GHz)	R5 (5GHz)	R6 (BT/ Zigbee)	R8 (UWB)
1	2.4GHz	Internal Ant.	Full band: UNII 1~3 (Boresight)	Narrow Beam	N/A	BT	✓
2	5GHz					Zigbee	
3	6GHz						
4	2.4GHz						
5	5GHz						
6	6GHz						
7	2.4GHz		High band: UNII 2C~3 (Steering)	Wide Beam	Internal Ant. (Steering)	BT	
8	5GHz					Zigbee	
9	6GHz						
10	2.4GHz						
11	5GHz						
12	6GHz						
13	2.4GHz	External Ant.	High band: UNII 2C~3 (Boresight)	Narrow Beam	External Ant.	BT	
14	5GHz					Zigbee	
15	6GHz						
16	2.4GHz						
17	5GHz						
18	6GHz						
19	2.4GHz	Internal Ant.			Internal Ant. (Boresight)	BT	
20	5GHz					Zigbee	
21	6GHz						
22	2.4GHz						
23	5GHz						
24	6GHz						
Refer to Sporton Test Report No.: FA4N2714-02 for Co-location RF Exposure Evaluation.							

Refer to Sporton Test Report No.: FA4N2714-02 for Co-location RF Exposure Evaluation.

Note: The PoEs were for measurement only and would not be marketed. Their information is shown as below:

Equipment	Brand	Model Name
PoE 1	Microsemi	PD-9001GR/AT/AC
PoE 2	PHIHONG	POE29U-1AT(PL)
PoE 3	DELTA	ADH-65AR B
PoE 4	PHIHONG	POEA33U-1ATE



Equipment	Brand	Model Name
PoE 5	PHIHONG	POE60U-1BT-X
PoE 6	PHIHONG	POE60U-BTA(X66M-R)
PoE 7	PHIHONG	POE60U-BTA(X664-R)
PoE 8	DELTA	ADH-65AR P

2.3 EUT Operation during Test

For CTX Mode:

Non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

Beamforming mode:

For Conducted:

During the test, the following programs under WIN 10 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "DOS[10.0.19045.4780]" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Radiated:

During the test, the following programs under WIN 10 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Tera term V1.0.0.18" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Bracket*1 (Optional)

IO Bazel*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 4 (1)	PHIHONG	POEA33U-1ATE	N/A
B	2.4G NB	DELL	E6400	N/A
C	5G NB	DELL	E6400	N/A
D	6G module	MTK	MT7927	N/A
E	6G NB	DELL	E6400	N/A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A
G	LAN1 PC	ASUS	S300TA	TX2-RTL8821CE
H	PoE 4 (2)	PHIHONG	POEA33U-1ATE	N/A
I	LAN0 PC	ASUS	S300TA	TX2-RTL8821CE
J	Smart phone	REDMI	M1810F6LH	2AFZZ-RMSF6LG
K	UWB Device	CISCO	DB10	N/A

For Radiated < 1GHz and Radiated > 1GHz (Cabinet):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 4	PHIHONG	POEA33U-1ATE	N/A

For Radiated > 1GHz and RF Radiated (E.I.R.P. Power/PSD):

Non-beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 4	PHIHONG	POEA33U-1ATE	N/A

Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 4	PHIHONG	POEA33U-1ATE	N/A
C	NB	DELL	E4300	N/A
D	PoE	CISCO	MA-INJ-5	N/A
E	Client	CISCO	Alpine	N/A



For RF Conducted (Other tests):
Non-beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 4	PHIHONG	POEA33U-1ATE	N/A

Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 4	PHIHONG	POEA33U-1ATE	N/A
C	NB	DELL	E4300	N/A
D	Client	CISCO	Alpine	N/A

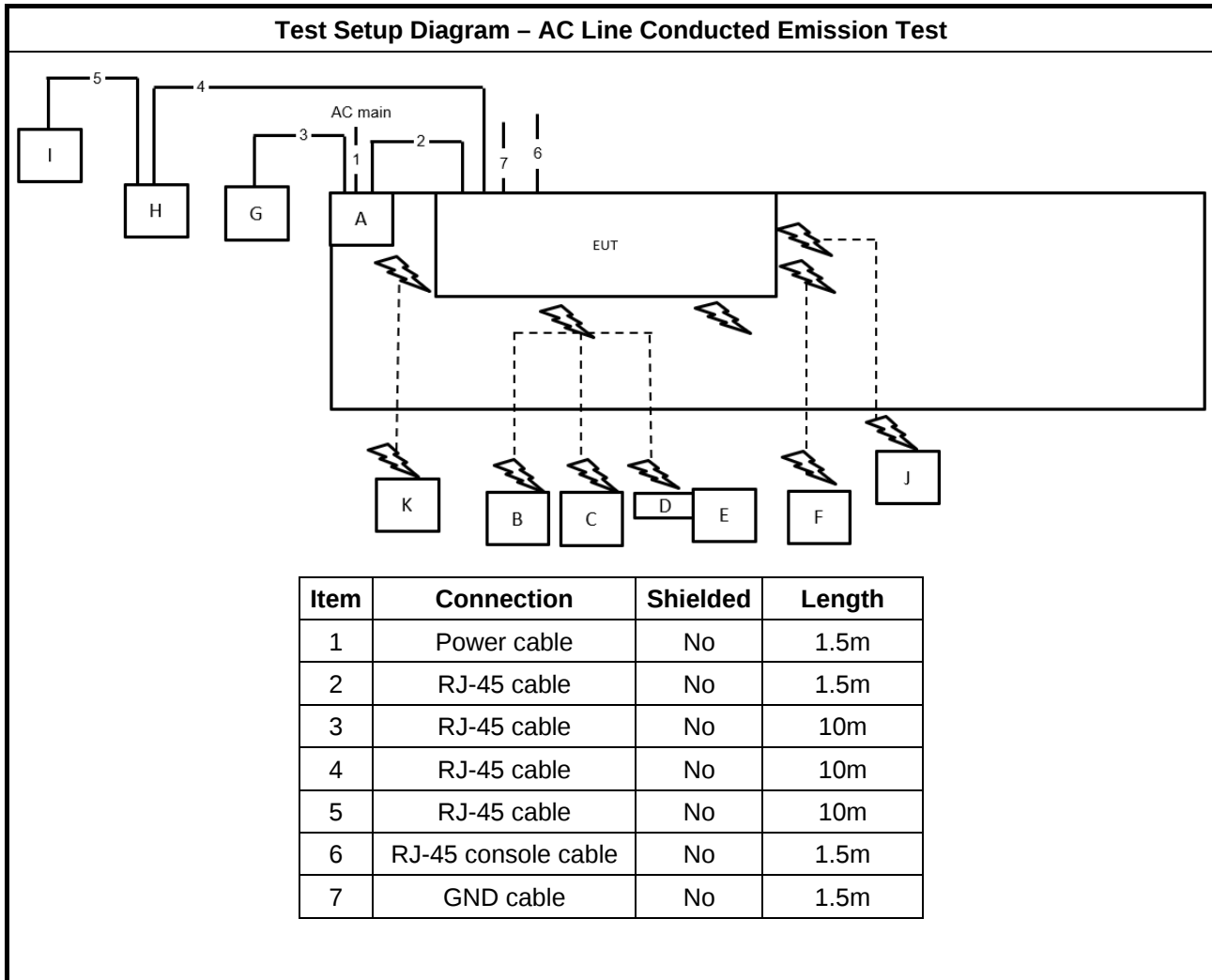
For RF Conducted (Contention Based Protocol test):
Test mode: Mode 1&3

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	BE200NGW	PD9BE200NG
D	CISCO Katar	CISCO	C9800-L-C-KP	N/A
E	PoE 1	Microsemi	PD-9001GR/AT/AC	N/A

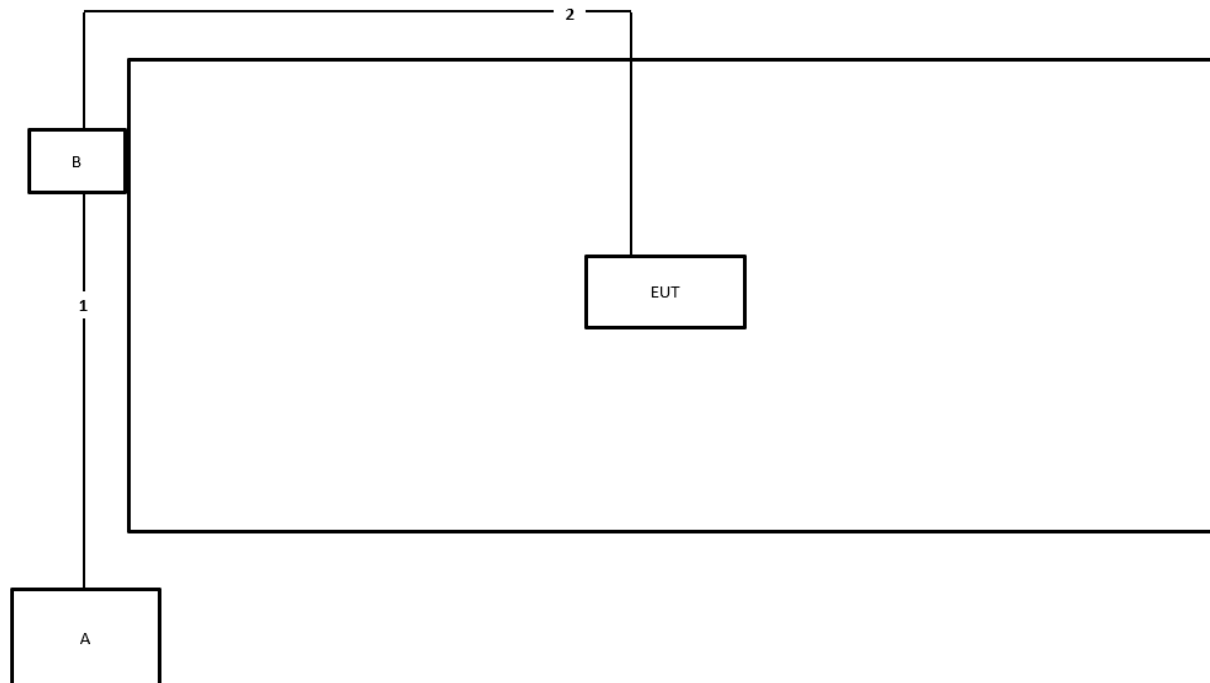
Test mode: Mode 2&4

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	AX210NGW	PD9AX210NG
D	WLAN AP	NETGEAR	WNDR3300v2	PY309300116
E	PoE 1	Microsemi	PD-9001GR/AT/AC	N/A

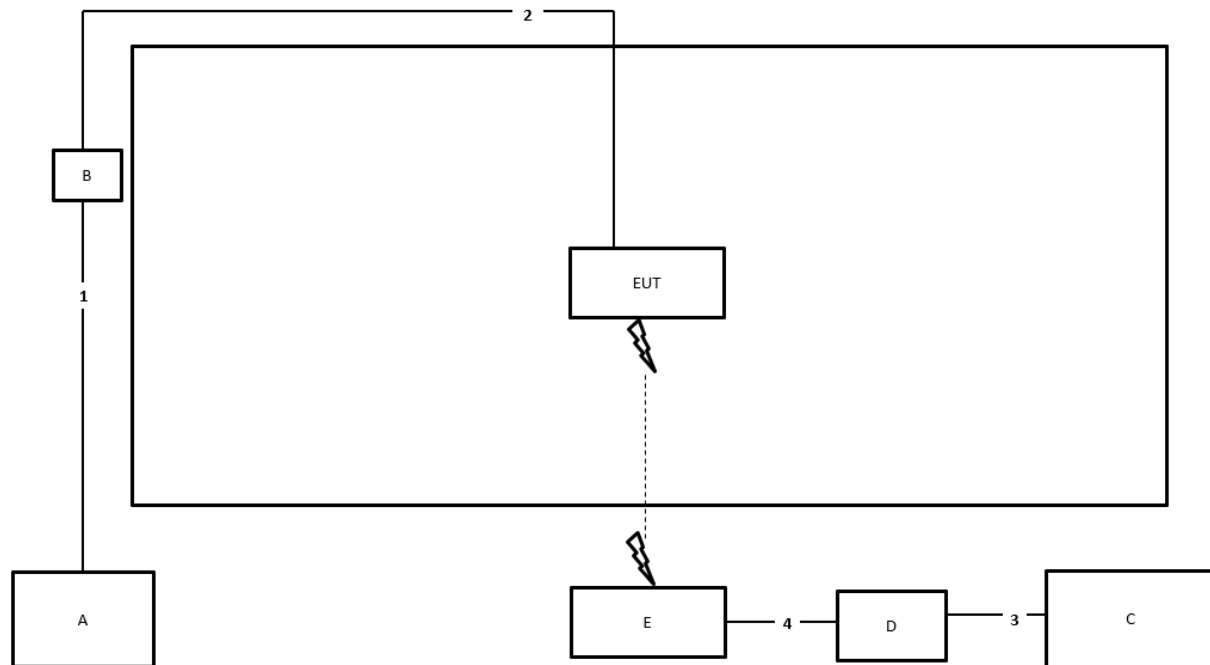
2.6 Test Setup Diagram



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



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

Test Setup Diagram - Radiated Test > 1GHz for Beamforming mode


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

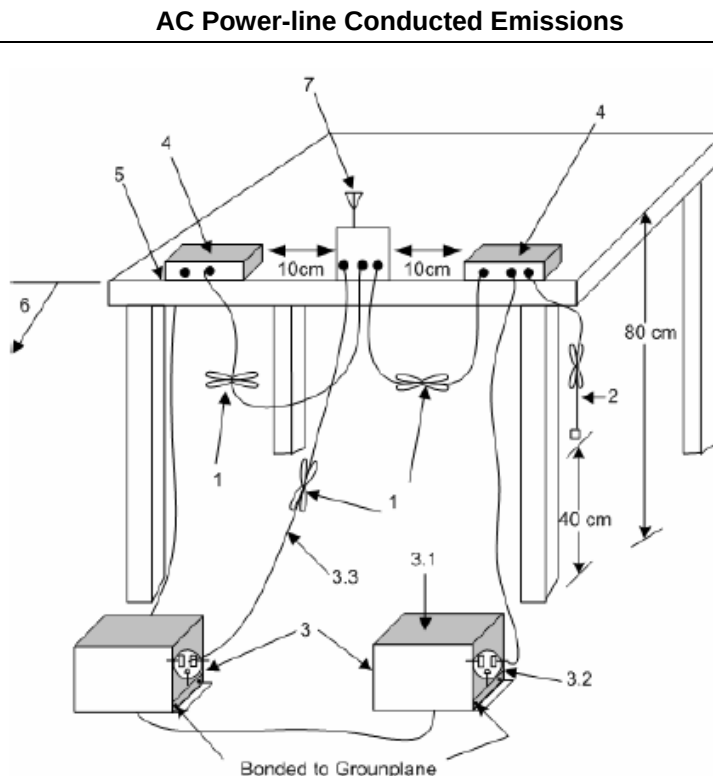
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



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

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

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

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

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

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

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

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

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

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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. $\text{Corrected Reading (dBuV)} = \text{LISN Factor} + \text{Cable Loss} + \text{Read Level} = \text{Level}$

b. $\text{Margin} = -\text{Limit} + (\text{Read Level} + \text{LISN Factor} + \text{Cable Loss})$

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5925-6425 GHz band, 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
RLAN 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

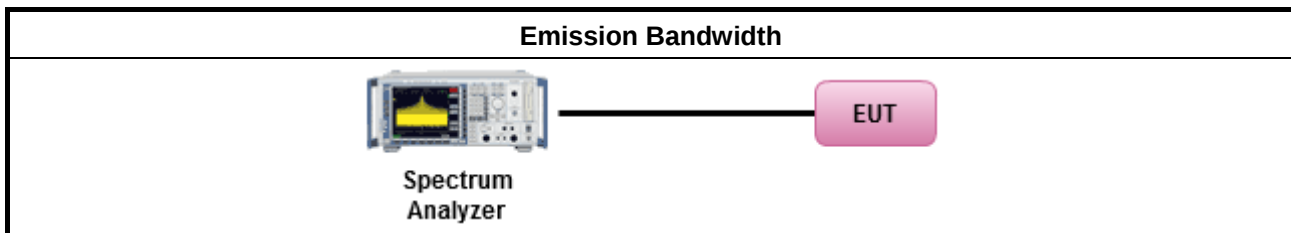
3.2.2 Measuring Instruments

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:	
☒	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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



3.3.2 Measuring Instruments

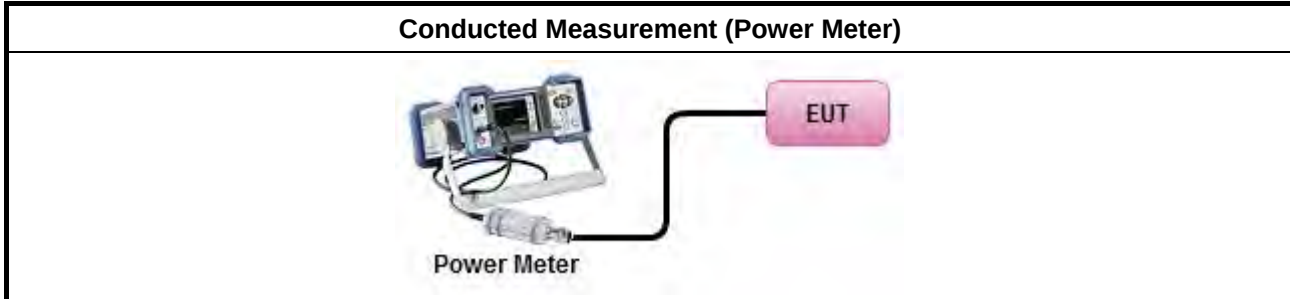
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

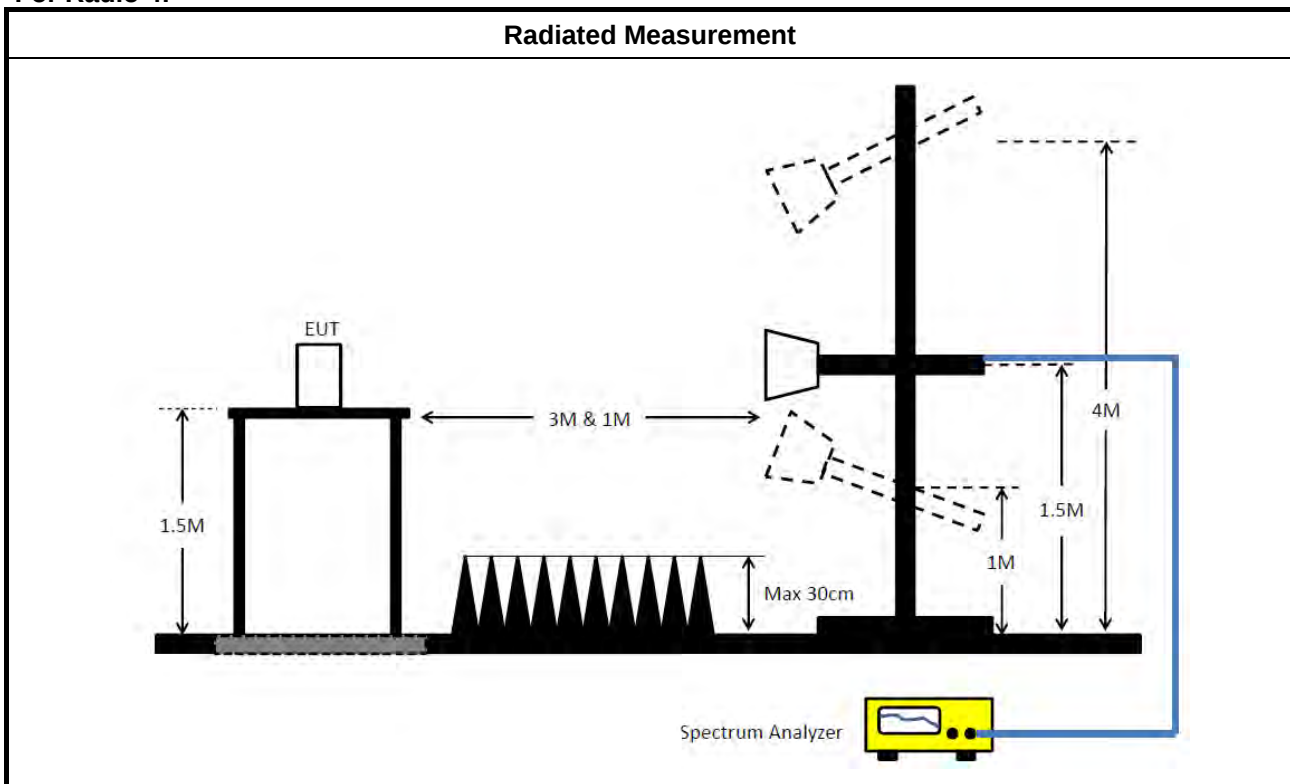
Test Method	
▪ According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
	Average over on/off periods with duty factor
	☒ For Radio 4: Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ For Radio 1: Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement. (For Radio 1)	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement. (For Radio 4)	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Radio 1:



For Radio 4:



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

Refer as Appendix C



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

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

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

3.4.2 Measuring Instruments

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



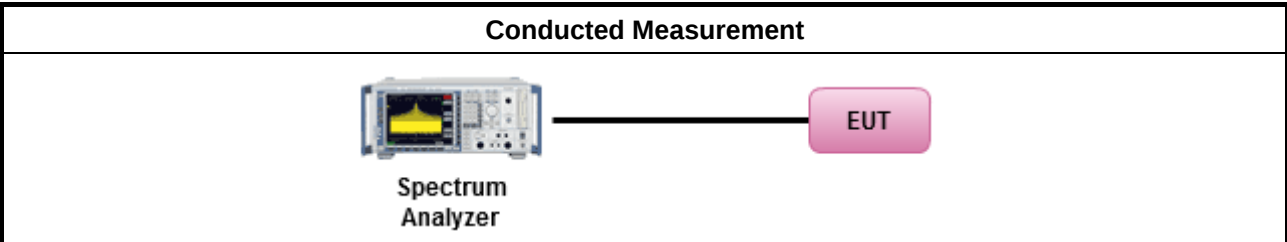
3.4.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement. (For Radio 1)
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]) $EIRP_{total} = PPSD_{total} + DG$	

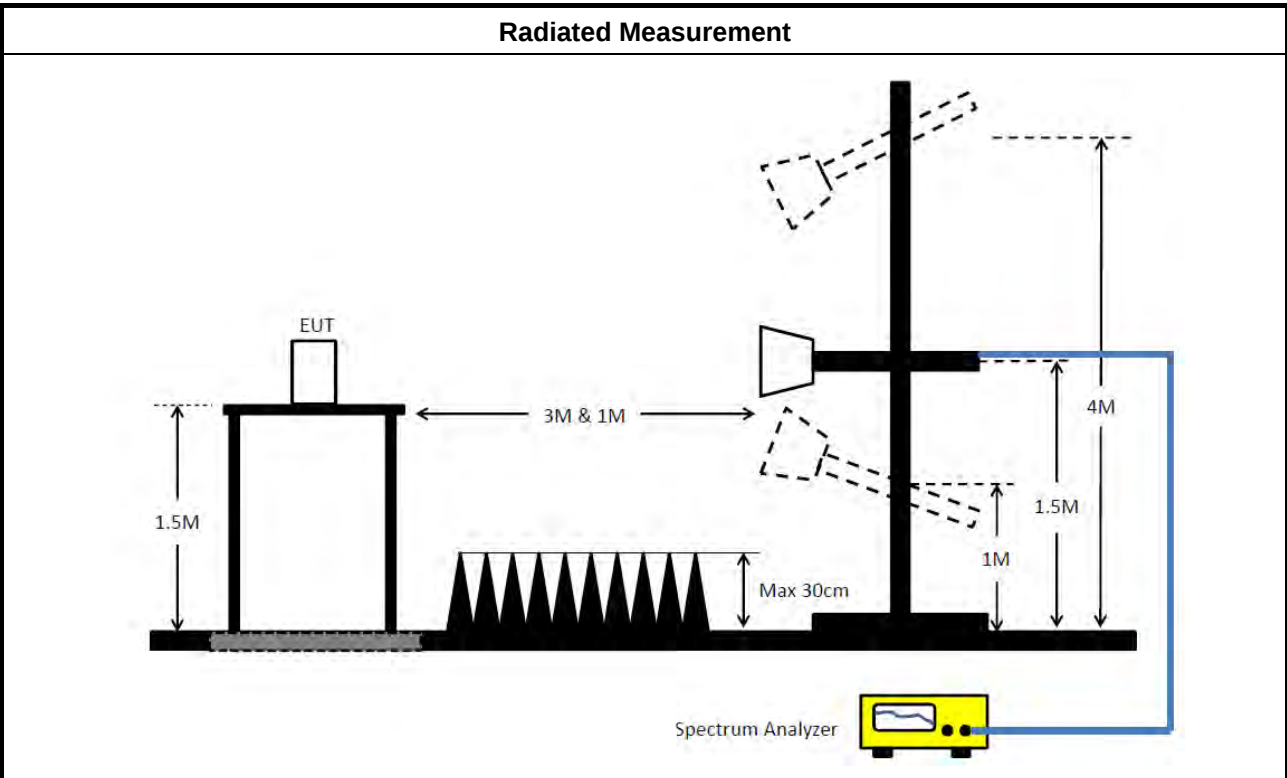
☒	For radiated measurement. (For Radio 4)
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

For Radio 1:



For Radio 4:



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

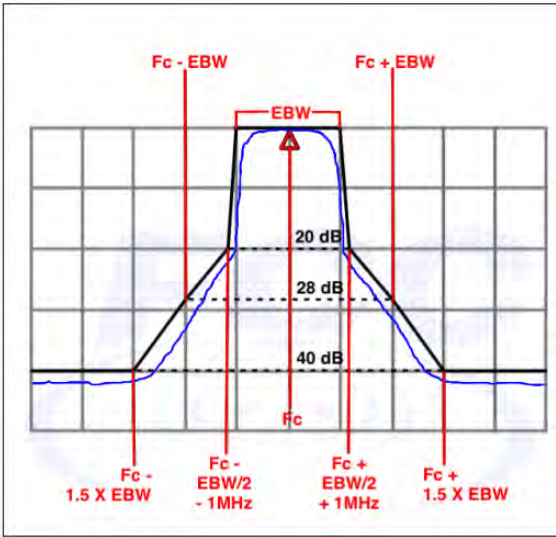
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

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

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

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

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

Frequency	Emission MASK Limit
5.925 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.  The diagram illustrates the Emission MASK Limit on a grid. A blue curve represents the power spectral density. Key points on the x-axis are labeled: $F_c - 1.5 \times EBW$, $F_c - EBW/2 - 1\text{MHz}$, F_c, $F_c + EBW/2 + 1\text{MHz}$, and $F_c + 1.5 \times EBW$. Vertical lines indicate suppression levels: 20 dB at $F_c - EBW$ and $F_c + EBW$, 28 dB at $F_c - EBW/2 - 1\text{MHz}$ and $F_c + EBW/2 + 1\text{MHz}$, and 40 dB at $F_c - 1.5 \times EBW$ and $F_c + 1.5 \times EBW$. The channel bandwidth (EBW) is marked at the top of the curve.



3.5.2 Measuring Instruments

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

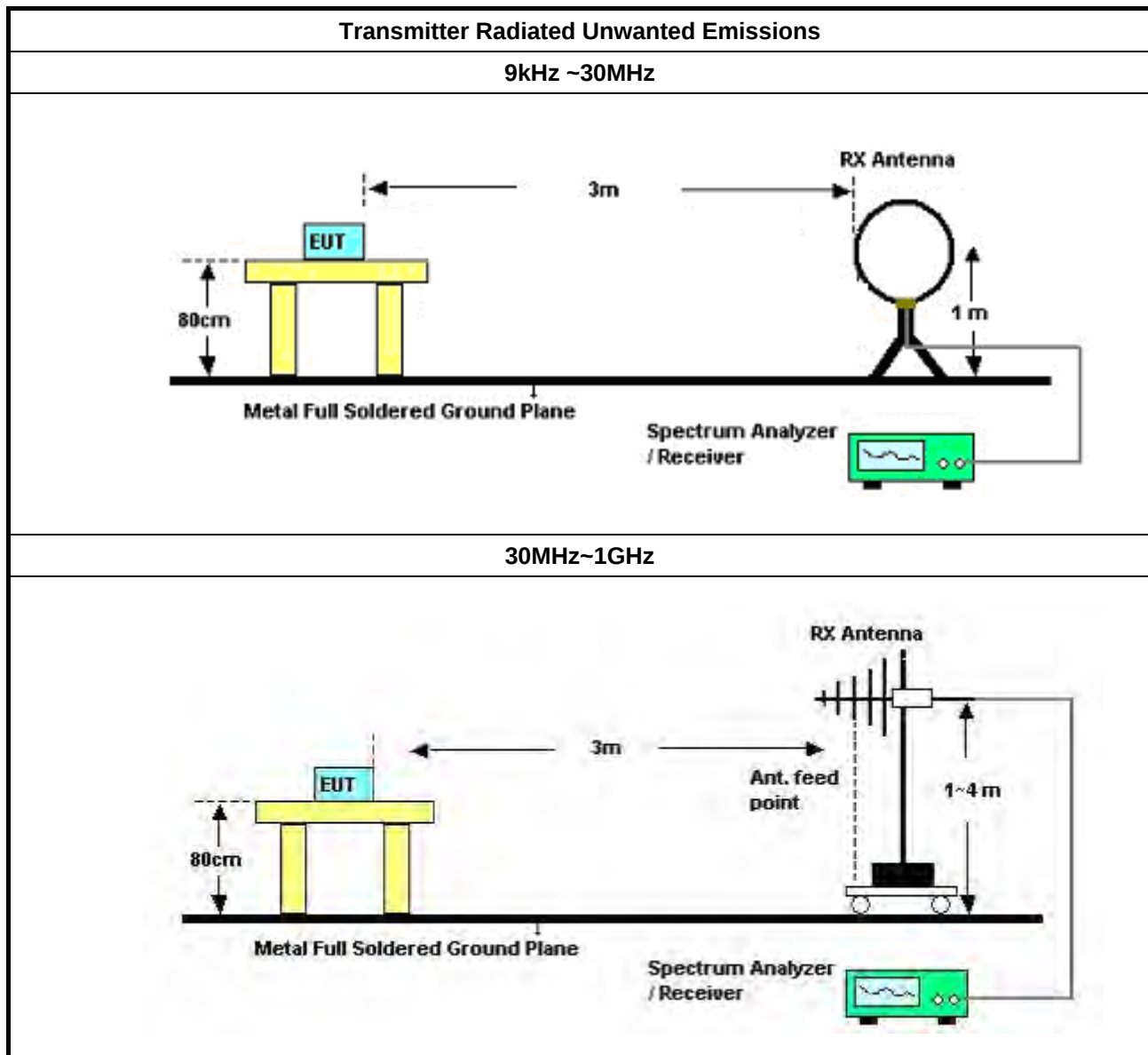
3.5.3 Test Procedures

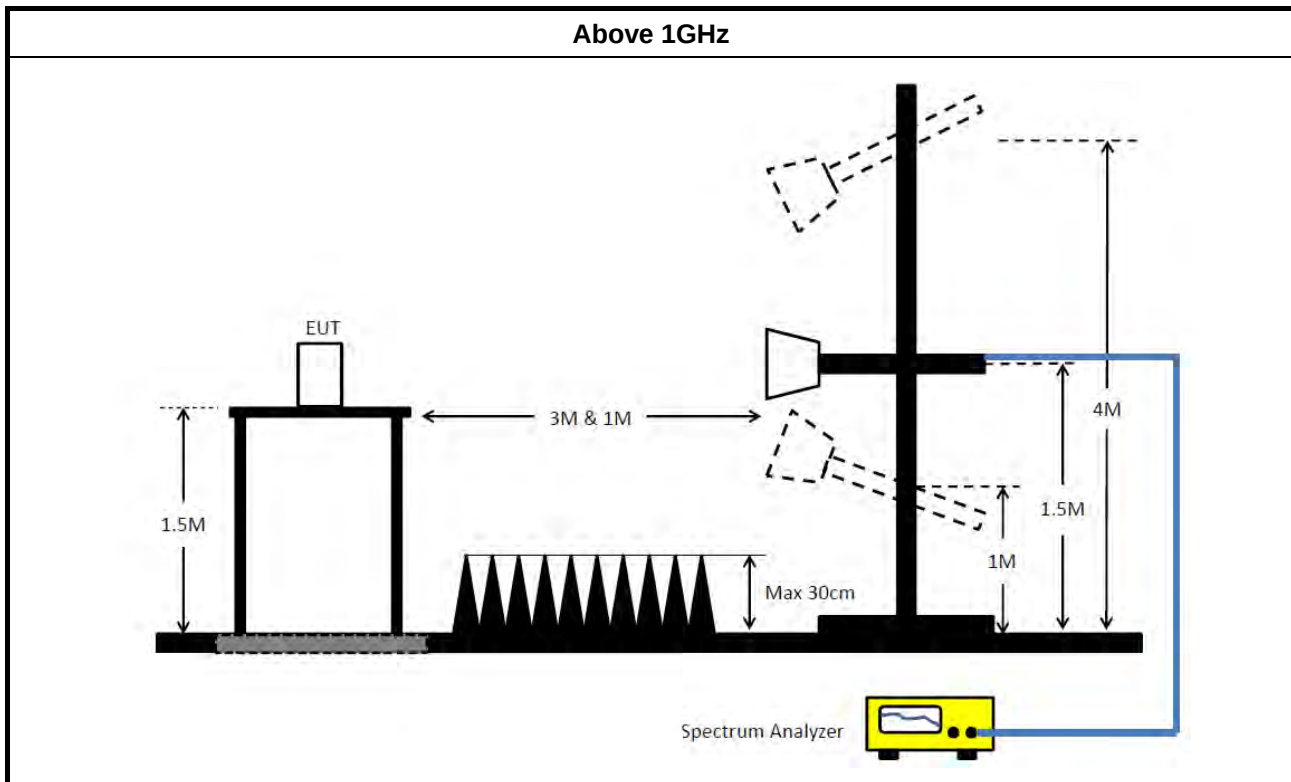
Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

**For Radio 1 only:**

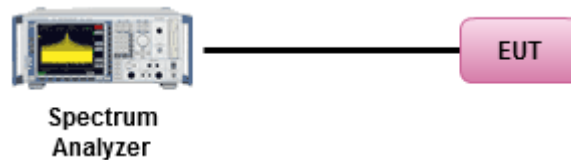
Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033 D02, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions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

3.5.4 Test Setup

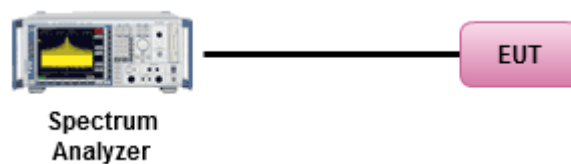




Transmitter Conducted Unwanted Emissions (For Radio 1 only)



Emission MASK





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

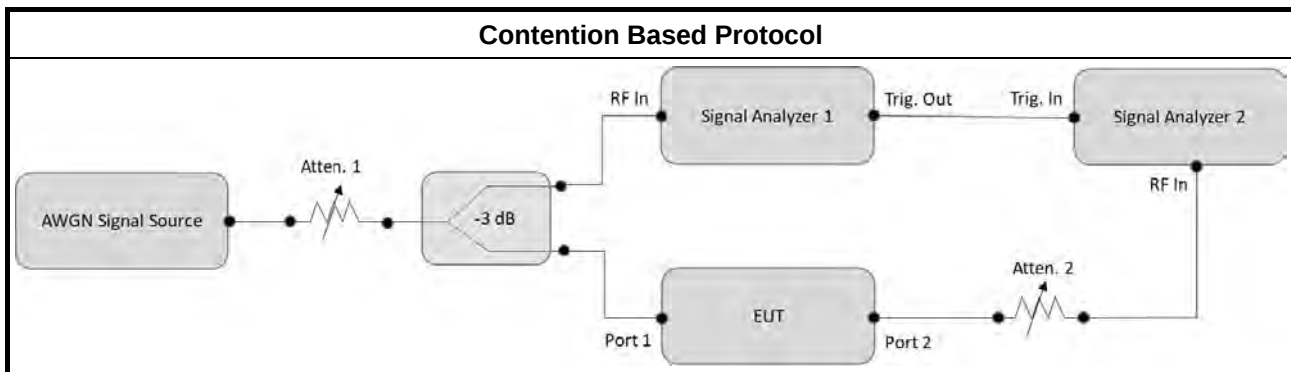
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 15, 2024	Apr. 14, 2025	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 15, 2024	May 14, 2025	Conduction (CO02-CB)
COND Cable	Woken	Cable	02	0.15MHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH06-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz z	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 23	5.15GHz- 7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Nov. 26, 2024	Nov. 25, 2025	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Jan. 14, 2025	Jan. 13, 2026	Conducted (DF01-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-52	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-53	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-54	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 08, 2024	Nov. 07, 2025	Conducted (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Oct. 28, 2024	Oct. 27, 2025	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV02	1 ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV04	1 ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV05	1 ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



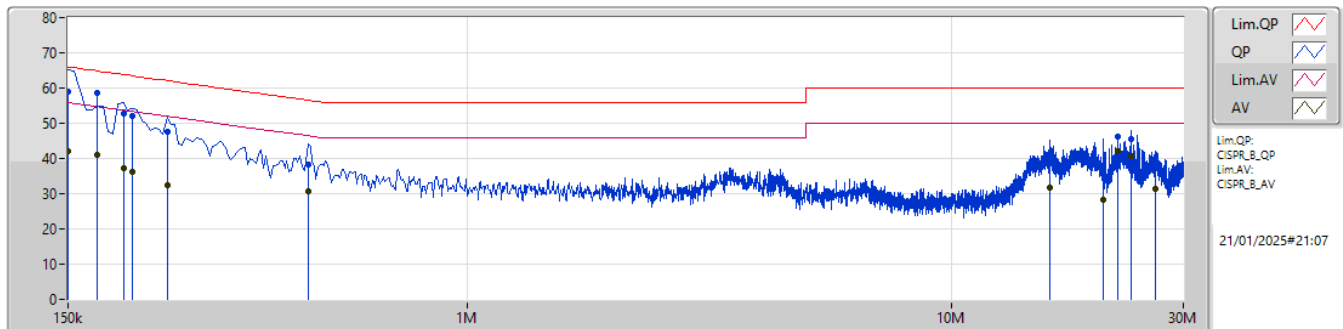
Conducted Emissions at Powerline

Appendix A

Summary

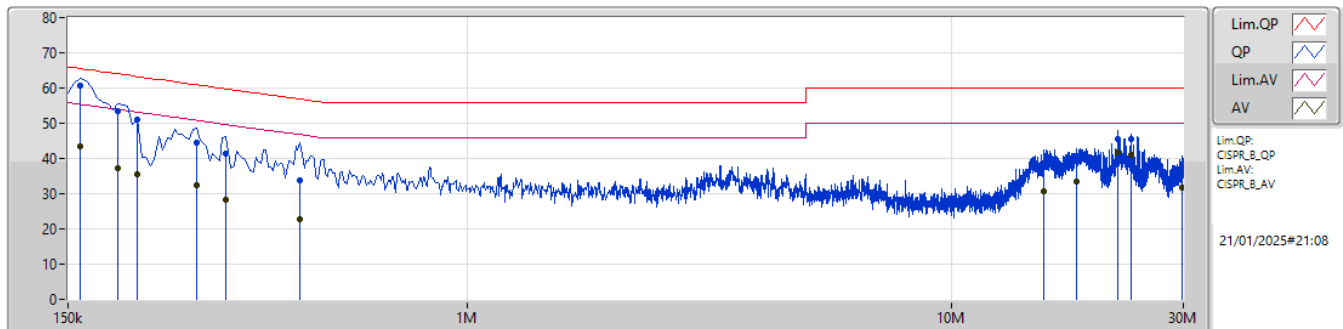
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	QP	159k	60.69	65.52	-4.83	Neutral

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	58.86	66.00	-7.14	10.15	Line	-	48.71	0.05	0.08	10.02						
AV	150k	41.91	56.00	-14.09	10.15	Line	-	31.76	0.05	0.08	10.02						
QP	172.5k	58.48	64.83	-6.35	10.14	Line	"Worst"	48.34	0.05	0.07	10.02						
AV	172.5k	40.98	54.83	-13.85	10.14	Line	-	30.84	0.05	0.07	10.02						
QP	195k	52.89	63.82	-10.93	10.14	Line	-	42.75	0.05	0.07	10.02						
AV	195k	37.14	53.82	-16.68	10.14	Line	-	27.00	0.05	0.07	10.02						
QP	204k	52.00	63.44	-11.44	10.14	Line	-	41.86	0.05	0.07	10.02						
AV	204k	36.16	53.44	-17.28	10.14	Line	-	26.02	0.05	0.07	10.02						
QP	240k	47.42	62.10	-14.68	10.15	Line	-	37.27	0.05	0.08	10.02						
AV	240k	32.51	52.10	-19.59	10.15	Line	-	22.36	0.05	0.08	10.02						
QP	469.5k	38.21	56.52	-18.31	10.18	Line	-	28.03	0.05	0.10	10.03						
AV	469.5k	30.68	46.52	-15.84	10.18	Line	-	20.50	0.05	0.10	10.03						
QP	15.909M	38.70	60.00	-21.30	10.61	Line	-	28.09	0.34	0.24	10.03						
AV	15.909M	31.76	50.00	-18.24	10.61	Line	-	21.15	0.34	0.24	10.03						
QP	20.477M	35.60	60.00	-24.40	10.74	Line	-	24.86	0.40	0.33	10.01						
AV	20.477M	28.43	50.00	-21.57	10.74	Line	-	17.69	0.40	0.33	10.01						
QP	21.957M	46.04	60.00	-13.96	10.78	Line	-	35.26	0.44	0.32	10.02						
AV	21.957M	42.01	50.00	-7.99	10.78	Line	-	31.23	0.44	0.32	10.02						
QP	23.451M	45.59	60.00	-14.41	10.81	Line	-	34.78	0.47	0.32	10.02						
AV	23.451M	40.67	50.00	-9.33	10.81	Line	-	29.86	0.47	0.32	10.02						
QP	26.21M	37.46	60.00	-22.54	10.90	Line	-	26.56	0.53	0.32	10.05						
AV	26.21M	31.34	50.00	-18.66	10.90	Line	-	20.44	0.53	0.32	10.05						

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	60.69	65.52	-4.83	10.15	Neutral	"Worst"	50.54	0.05	0.08	10.02						
AV	159k	43.58	55.52	-11.94	10.15	Neutral	-	33.43	0.05	0.08	10.02						
QP	190.5k	53.52	64.01	-10.49	10.14	Neutral	-	43.38	0.05	0.07	10.02						
AV	190.5k	37.15	54.01	-16.86	10.14	Neutral	-	27.01	0.05	0.07	10.02						
QP	208.5k	51.08	63.27	-12.19	10.14	Neutral	-	40.94	0.05	0.07	10.02						
AV	208.5k	35.52	53.27	-17.75	10.14	Neutral	-	25.38	0.05	0.07	10.02						
QP	276k	44.53	60.93	-16.40	10.15	Neutral	-	34.38	0.05	0.08	10.02						
AV	276k	32.51	50.93	-18.42	10.15	Neutral	-	22.36	0.05	0.08	10.02						
QP	316.5k	41.25	59.80	-18.55	10.17	Neutral	-	31.08	0.05	0.09	10.03						
AV	316.5k	28.36	49.80	-21.44	10.17	Neutral	-	18.19	0.05	0.09	10.03						
QP	451.5k	33.75	56.84	-23.09	10.18	Neutral	-	23.57	0.05	0.10	10.03						
AV	451.5k	22.83	46.84	-24.01	10.18	Neutral	-	12.65	0.05	0.10	10.03						
QP	15.486M	37.42	60.00	-22.58	10.50	Neutral	-	26.92	0.24	0.23	10.03						
AV	15.486M	30.54	50.00	-19.46	10.50	Neutral	-	20.04	0.24	0.23	10.03						
QP	18.083M	39.80	60.00	-20.20	10.56	Neutral	-	29.24	0.25	0.29	10.02						
AV	18.083M	33.57	50.00	-16.43	10.56	Neutral	-	23.01	0.25	0.29	10.02						
QP	21.957M	45.68	60.00	-14.32	10.62	Neutral	-	35.06	0.28	0.32	10.02						
AV	21.957M	41.81	50.00	-8.19	10.62	Neutral	-	31.19	0.28	0.32	10.02						
QP	23.451M	45.66	60.00	-14.34	10.63	Neutral	-	35.03	0.29	0.32	10.02						
AV	23.451M	41.15	50.00	-8.85	10.63	Neutral	-	30.52	0.29	0.32	10.02						
QP	29.846M	37.75	60.00	-22.25	10.76	Neutral	-	26.99	0.33	0.33	10.10						
AV	29.846M	31.61	50.00	-18.39	10.76	Neutral	-	20.85	0.33	0.33	10.10						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.57M	18.905M	18M9D1D	20.075M	18.847M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.68M	18.908M	18M9D1D	20.35M	18.885M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.46M	18.909M	18M9D1D	20.13M	18.84M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.625M	18.916M	18M9D1D	20.075M	18.851M

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

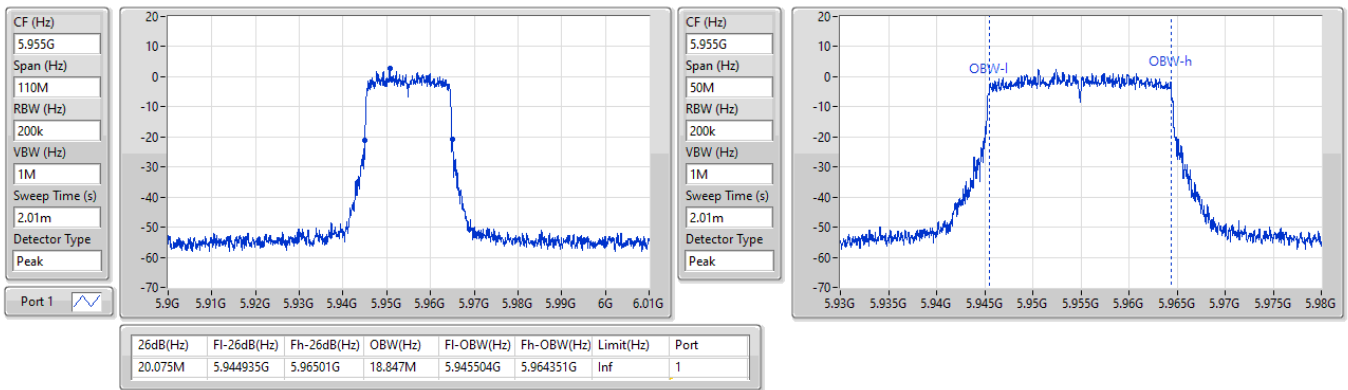
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.075M	18.847M
6195MHz	Pass	Inf	20.13M	18.888M
6415MHz	Pass	Inf	20.57M	18.905M
6435MHz	Pass	Inf	20.625M	18.885M
6475MHz	Pass	Inf	20.68M	18.908M
6515MHz	Pass	Inf	20.35M	18.908M
6535MHz	Pass	Inf	20.185M	18.84M
6695MHz	Pass	Inf	20.46M	18.909M
6875MHz	Pass	Inf	20.13M	18.84M
6895MHz	Pass	Inf	20.625M	18.902M
6995MHz	Pass	Inf	20.075M	18.851M
7095MHz	Pass	Inf	20.075M	18.859M
7115MHz	Pass	Inf	20.625M	18.916M

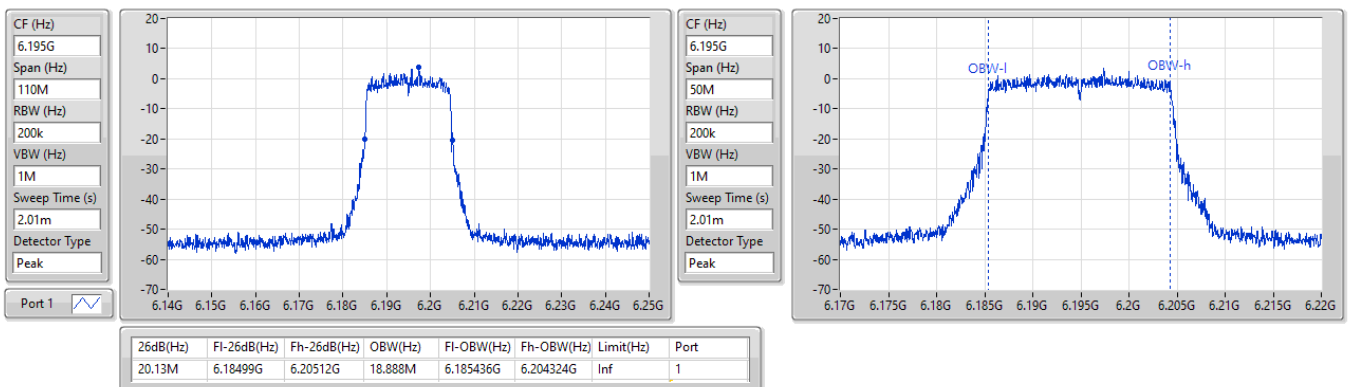
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5955MHz

24/12/2024

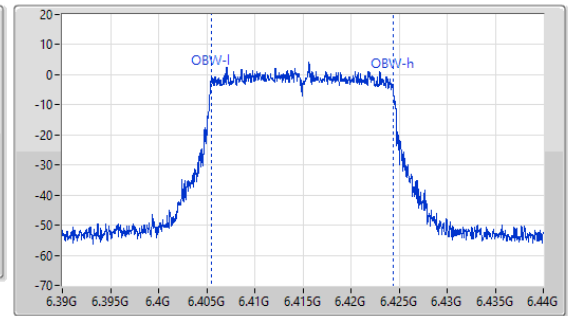
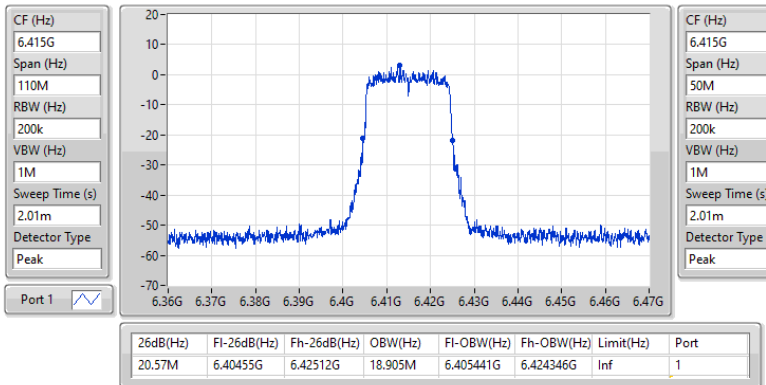

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

24/12/2024

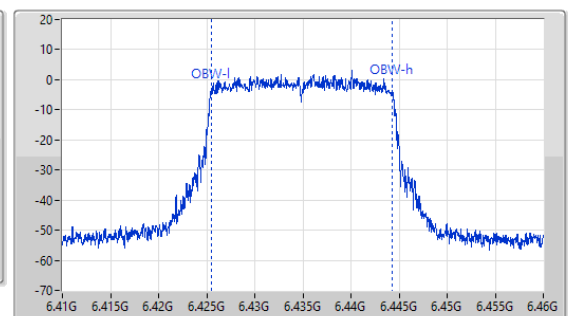
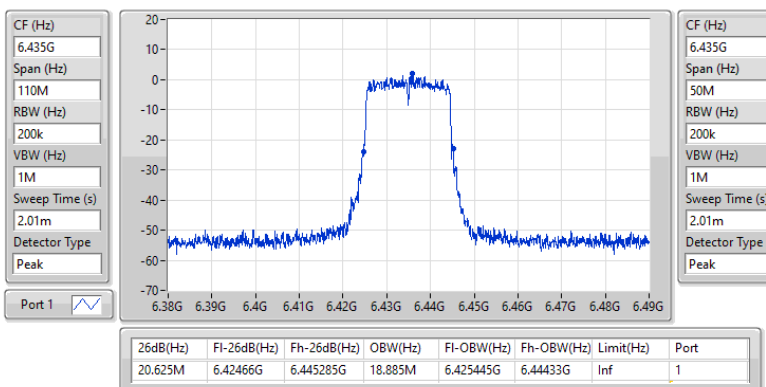


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

24/12/2024

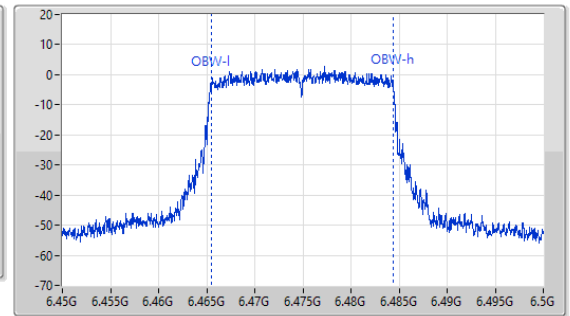
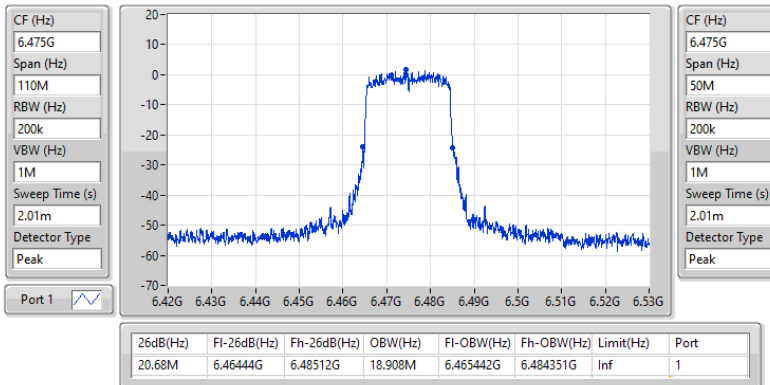

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6435MHz

24/12/2024

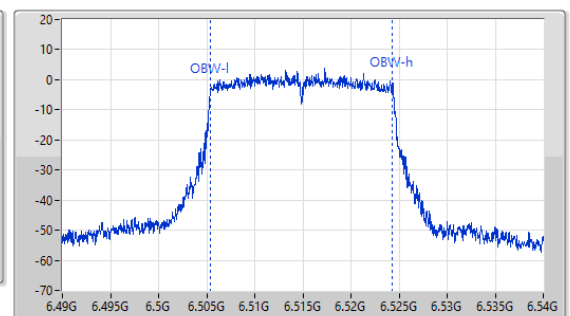
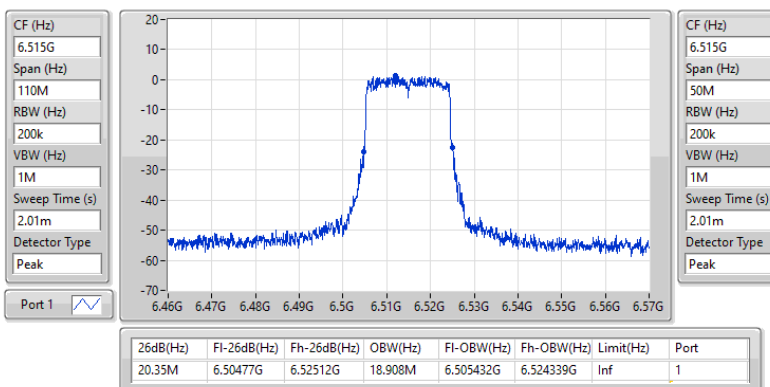


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6475MHz

24/12/2024

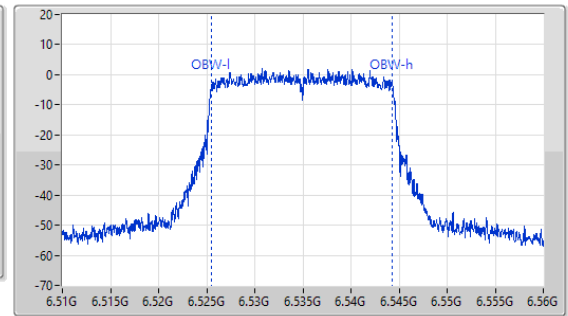
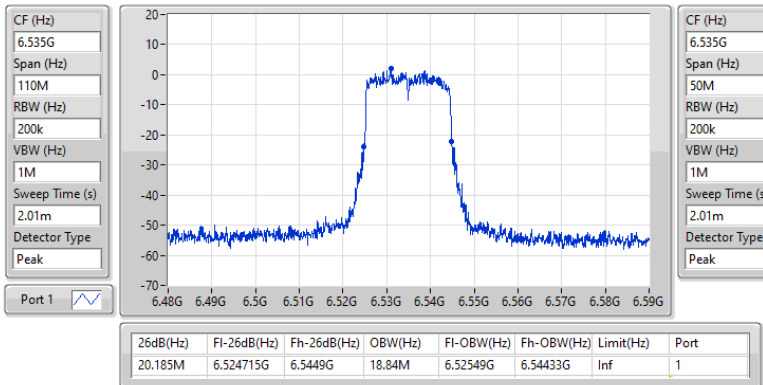

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6515MHz

24/12/2024

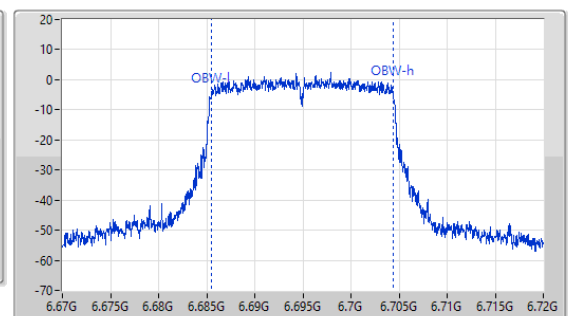
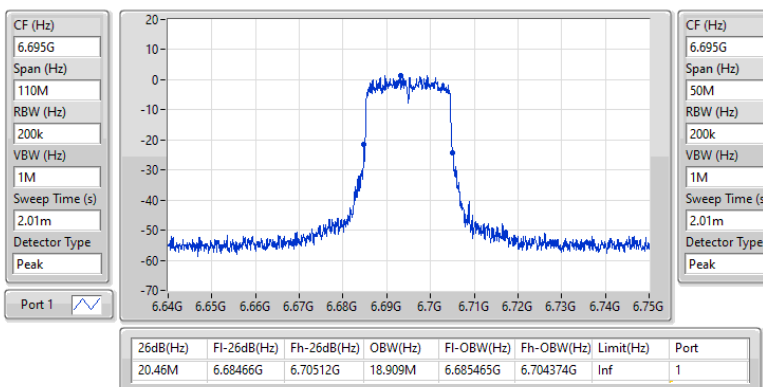


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

24/12/2024

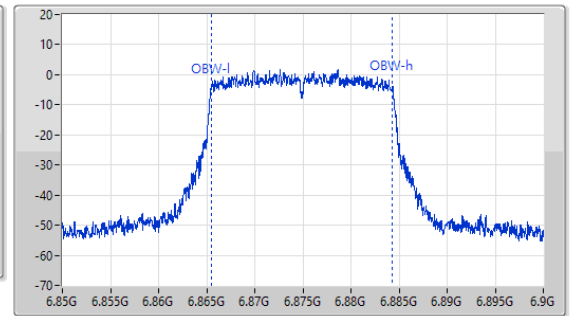
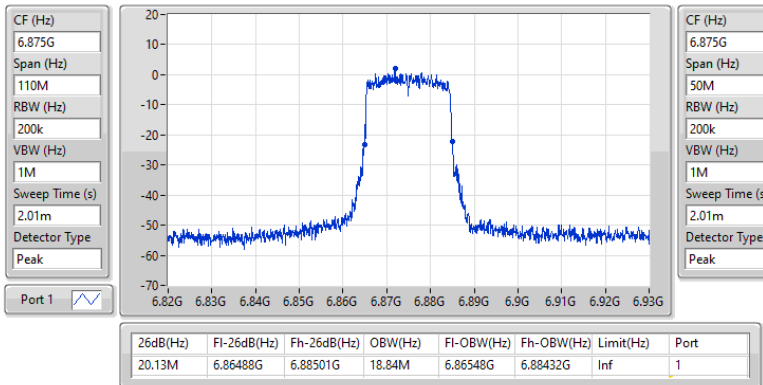

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6695MHz

24/12/2024

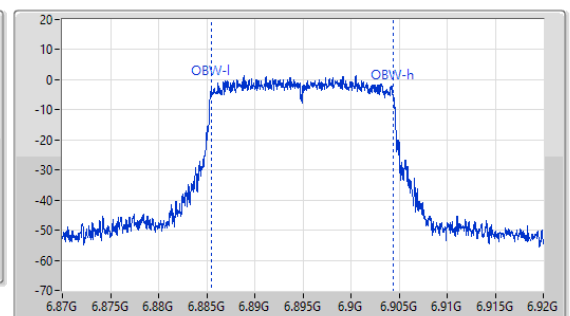
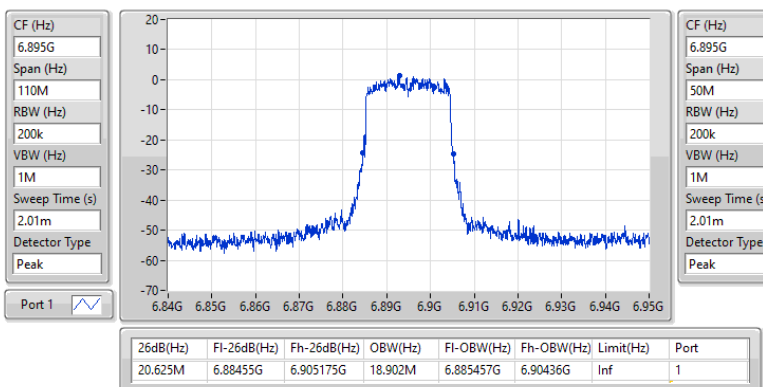


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6875MHz

24/12/2024

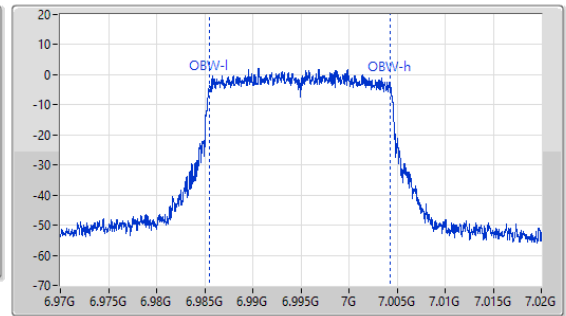
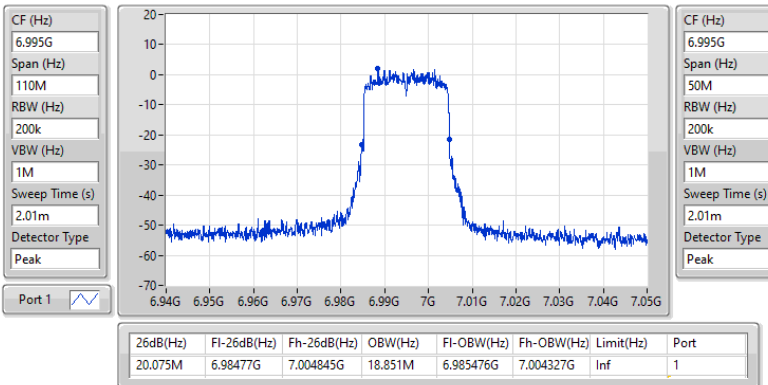

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6895MHz

24/12/2024

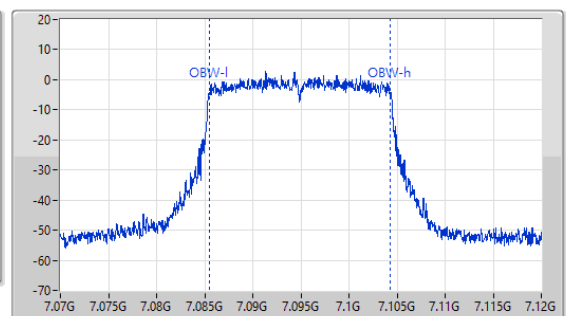
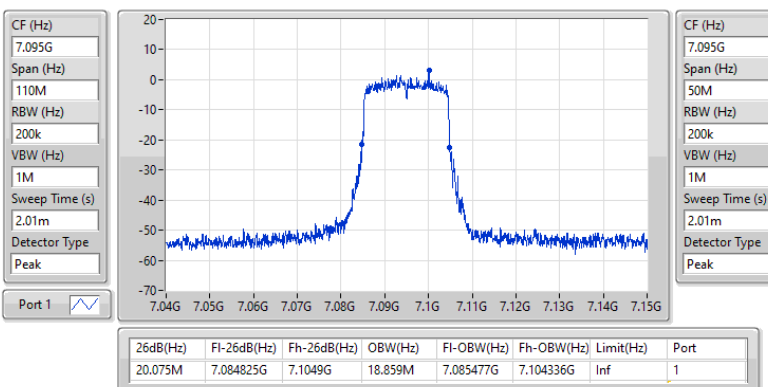


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6995MHz

24/12/2024


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7095MHz

24/12/2024

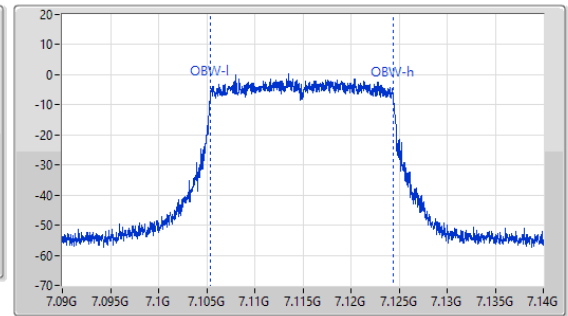
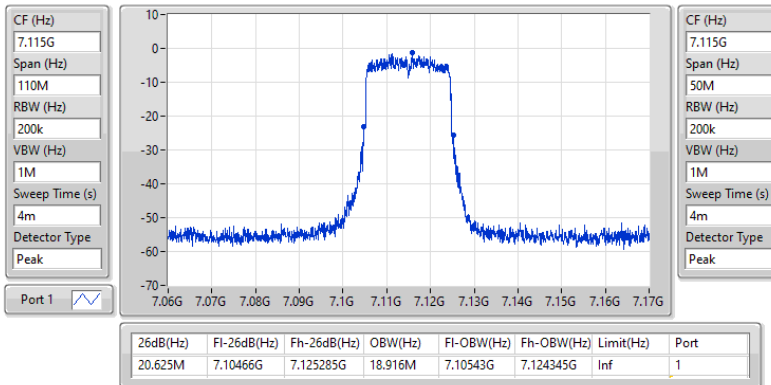


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

27/12/2024



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	42.24M	22.564M	22M6D1D	34.1M	19.565M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	41.36M	20.115M	20M1D1D	36.355M	19.29M

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



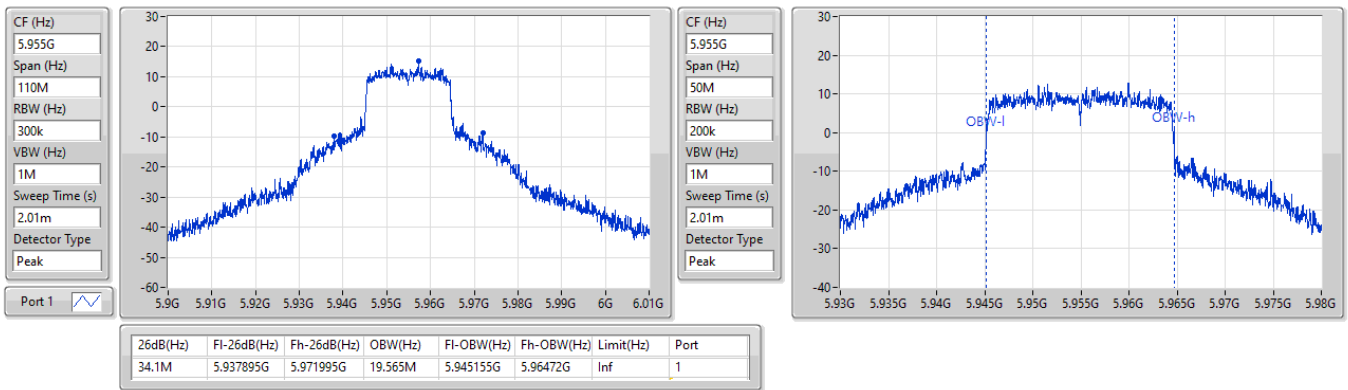
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	34.1M	19.565M
6195MHz	Pass	Inf	42.24M	22.564M
6415MHz	Pass	Inf	37.73M	19.69M
6535MHz	Pass	Inf	36.355M	19.29M
6695MHz	Pass	Inf	40.04M	19.715M
6855MHz	Pass	Inf	41.36M	20.115M

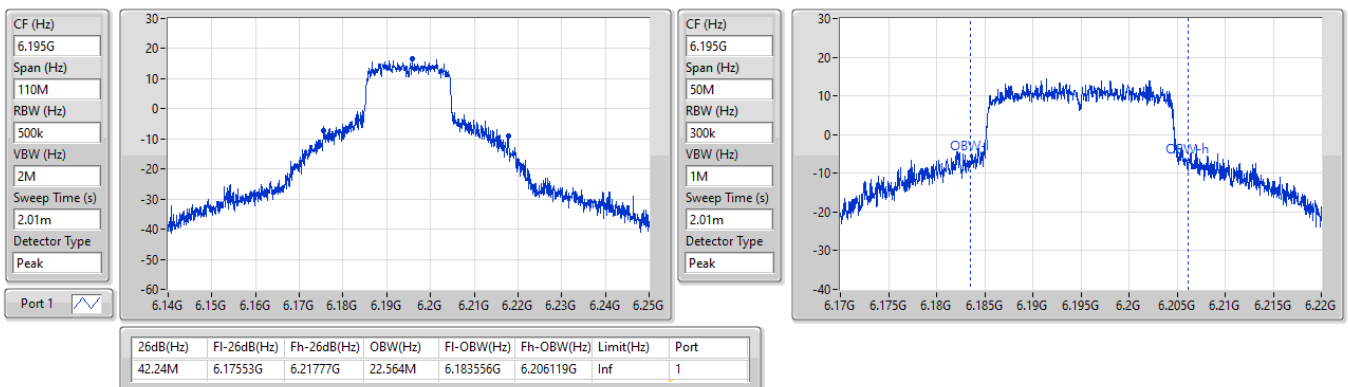
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5955MHz

27/12/2024

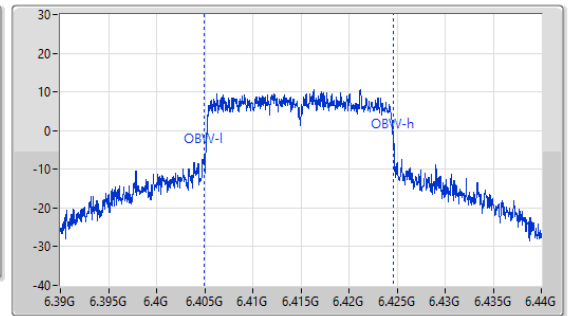
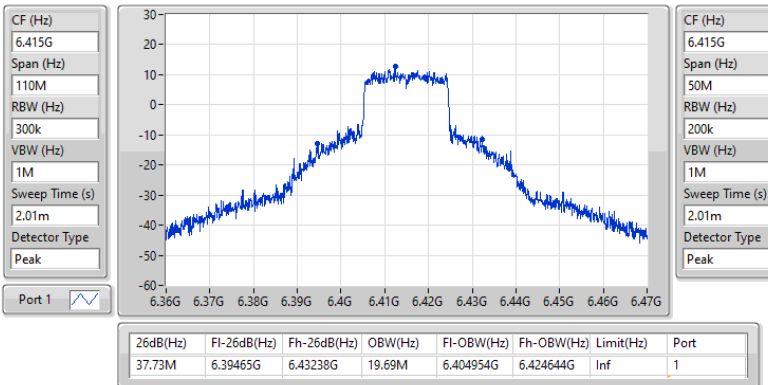

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

27/12/2024

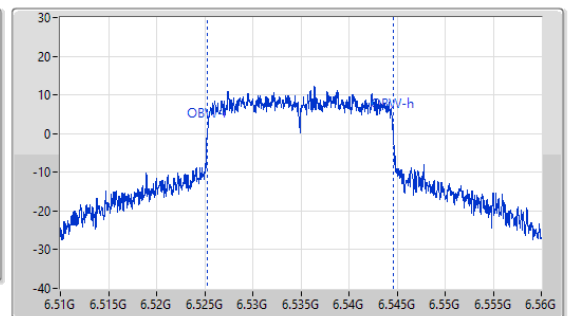
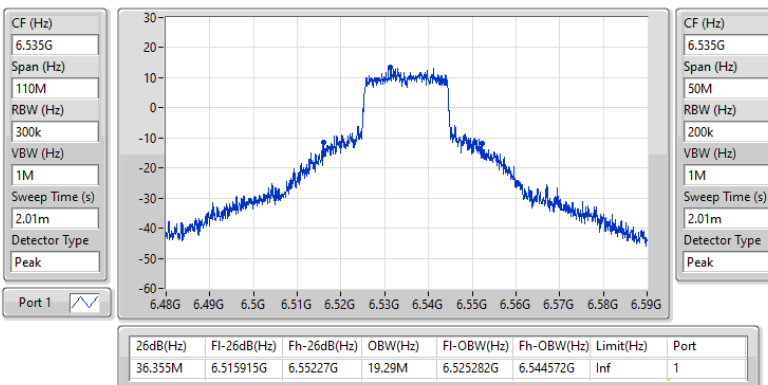


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

24/12/2024


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

24/12/2024

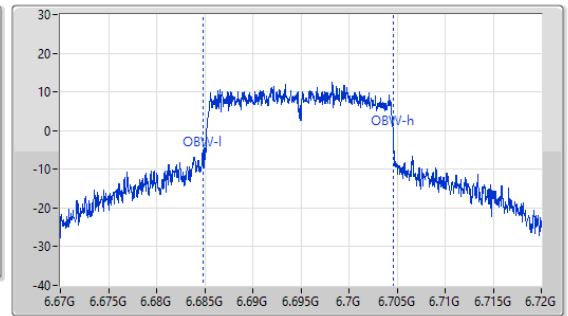
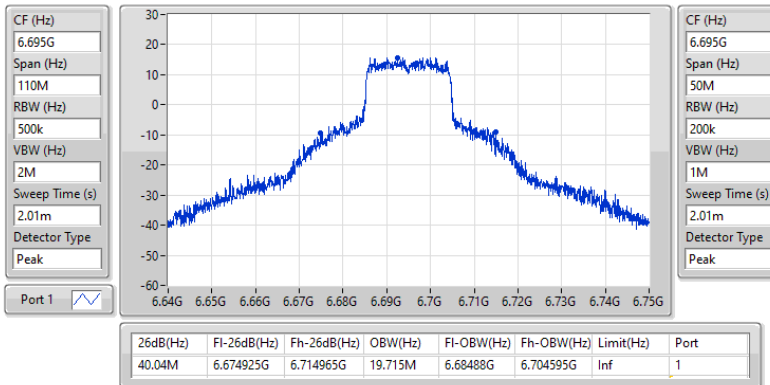


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

27/12/2024

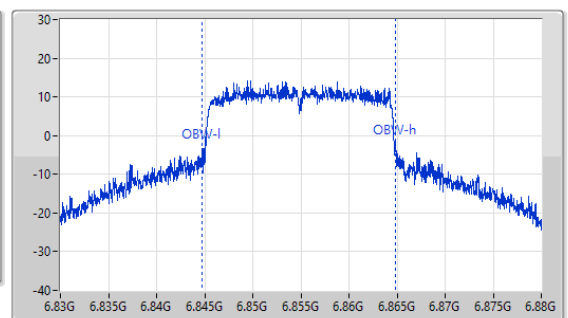
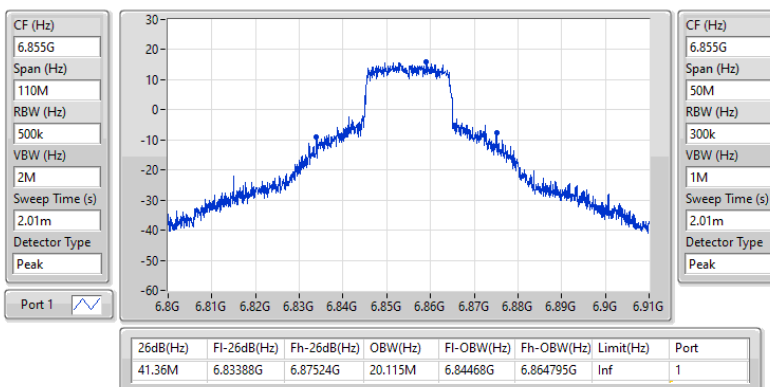


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

27/12/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.275M	19.042M	19MOD1D	21.505M	19.012M
802.11be EHT20_Nss1,(MCS0)_2TX	22.55M	19.065M	19M1D1D	21.395M	19.012M
802.11be EHT20_Nss1,(MCS0)_4TX	23.1M	19.046M	19MOD1D	21.505M	18.983M
802.11be EHT40_Nss1,(MCS0)_1TX	43.67M	37.997M	38MOD1D	42.35M	37.89M
802.11be EHT40_Nss1,(MCS0)_2TX	43.67M	38.012M	38MOD1D	42.35M	37.944M
802.11be EHT40_Nss1,(MCS0)_4TX	43.67M	38.017M	38MOD1D	41.91M	37.896M
802.11be EHT80_Nss1,(MCS0)_1TX	87.12M	77.68M	77M7D1D	85.36M	77.526M
802.11be EHT80_Nss1,(MCS0)_2TX	89.1M	77.57M	77M6D1D	85.14M	77.479M
802.11be EHT80_Nss1,(MCS0)_4TX	89.1M	77.726M	77M7D1D	84.48M	77.445M
802.11be EHT160_Nss1,(MCS0)_1TX	168.96M	156.994M	157MD1D	167.2M	156.556M
802.11be EHT160_Nss1,(MCS0)_2TX	169.4M	157.037M	157MD1D	165M	156.474M
802.11be EHT160_Nss1,(MCS0)_4TX	170.28M	157.176M	157MD1D	165.44M	156.573M
802.11be EHT320_Nss1,(MCS0)_1TX	334.4M	315.765M	316MD1D	328.24M	314.463M
802.11be EHT320_Nss1,(MCS0)_2TX	337.92M	315.773M	316MD1D	328.24M	314.38M
802.11be EHT320_Nss1,(MCS0)_4TX	334.4M	315.691M	316MD1D	325.6M	314.664M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.88M	19.035M	19MOD1D	21.725M	18.983M
802.11be EHT20_Nss1,(MCS0)_2TX	23.155M	19.064M	19M1D1D	21.89M	19.003M
802.11be EHT20_Nss1,(MCS0)_4TX	22.495M	19.056M	19M1D1D	20.79M	18.992M
802.11be EHT40_Nss1,(MCS0)_1TX	43.78M	38.008M	38MOD1D	42.35M	37.942M
802.11be EHT40_Nss1,(MCS0)_2TX	44.22M	38.068M	38M1D1D	42.46M	37.896M
802.11be EHT40_Nss1,(MCS0)_4TX	44.22M	38.064M	38M1D1D	41.8M	37.851M
802.11be EHT80_Nss1,(MCS0)_1TX	88.88M	77.588M	77M6D1D	87.56M	77.548M
802.11be EHT80_Nss1,(MCS0)_2TX	89.54M	77.682M	77M7D1D	86.24M	77.632M
802.11be EHT80_Nss1,(MCS0)_4TX	87.56M	77.82M	77M8D1D	85.36M	77.541M
802.11be EHT160_Nss1,(MCS0)_1TX	170.72M	157.019M	157MD1D	170.72M	157.019M
802.11be EHT160_Nss1,(MCS0)_2TX	169.4M	156.889M	157MD1D	168.52M	156.823M
802.11be EHT160_Nss1,(MCS0)_4TX	176M	156.935M	157MD1D	166.76M	156.766M
802.11be EHT320_Nss1,(MCS0)_1TX	335.28M	315.749M	316MD1D	335.28M	315.749M
802.11be EHT320_Nss1,(MCS0)_2TX	330.88M	315.277M	315MD1D	329.12M	315.131M
802.11be EHT320_Nss1,(MCS0)_4TX	337.92M	315.851M	316MD1D	330.88M	315.012M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.165M	19.021M	19MOD1D	22.055M	18.996M
802.11be EHT20_Nss1,(MCS0)_2TX	22.715M	19.087M	19M1D1D	21.67M	18.969M
802.11be EHT20_Nss1,(MCS0)_4TX	22.715M	19.073M	19M1D1D	21.23M	18.976M
802.11be EHT40_Nss1,(MCS0)_1TX	43.67M	38.028M	38MOD1D	42.79M	37.977M
802.11be EHT40_Nss1,(MCS0)_2TX	43.12M	37.977M	38MOD1D	41.58M	37.88M
802.11be EHT40_Nss1,(MCS0)_4TX	44.66M	37.995M	38MOD1D	41.91M	37.911M
802.11be EHT80_Nss1,(MCS0)_1TX	87.34M	77.69M	77M7D1D	84.92M	77.518M
802.11be EHT80_Nss1,(MCS0)_2TX	90.2M	77.803M	77M8D1D	85.58M	77.469M
802.11be EHT80_Nss1,(MCS0)_4TX	88.88M	77.706M	77M7D1D	84.04M	77.457M
802.11be EHT160_Nss1,(MCS0)_1TX	171.16M	156.95M	157MD1D	168.96M	156.759M
802.11be EHT160_Nss1,(MCS0)_2TX	171.16M	157.12M	157MD1D	168.96M	156.602M
802.11be EHT160_Nss1,(MCS0)_4TX	170.28M	157.008M	157MD1D	167.64M	156.605M
802.11be EHT320_Nss1,(MCS0)_1TX	335.28M	315.649M	316MD1D	334.4M	315.329M
802.11be EHT320_Nss1,(MCS0)_2TX	338.8M	315.916M	316MD1D	333.52M	315.086M
802.11be EHT320_Nss1,(MCS0)_4TX	337.04M	315.83M	316MD1D	328.24M	314.262M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	22.66M	19.067M	19M1D1D	21.67M	19.005M
802.11be EHT20_Nss1,(MCS0)_2TX	22.935M	19.076M	19M1D1D	21.505M	19.024M
802.11be EHT20_Nss1,(MCS0)_4TX	22.55M	19.092M	19M1D1D	21.45M	18.988M
802.11be EHT40_Nss1,(MCS0)_1TX	43.45M	37.977M	38MOD1D	42.46M	37.916M
802.11be EHT40_Nss1,(MCS0)_2TX	43.56M	37.98M	38MOD1D	42.46M	37.876M
802.11be EHT40_Nss1,(MCS0)_4TX	43.78M	38.036M	38MOD1D	41.58M	37.857M



802.11be EHT80_Nss1,(MCS0)_1TX	87.34M	77.587M	77M6D1D	87.12M	77.52M
802.11be EHT80_Nss1,(MCS0)_2TX	88M	77.695M	77M7D1D	86.24M	77.639M
802.11be EHT80_Nss1,(MCS0)_4TX	89.76M	77.798M	77M8D1D	84.92M	77.507M
802.11be EHT160_Nss1,(MCS0)_1TX	169.4M	157.015M	157MD1D	169.4M	157.015M
802.11be EHT160_Nss1,(MCS0)_2TX	168.96M	156.893M	157MD1D	166.76M	156.83M
802.11be EHT160_Nss1,(MCS0)_4TX	171.16M	157.038M	157MD1D	169.4M	156.74M

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	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW	Port 3-N dB	Port 3-OBW	Port 4-N dB	Port 4-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.67M	19.012M						
6195MHz	Pass	Inf	22.275M	19.028M						
6415MHz	Pass	Inf	21.505M	19.042M						
6435MHz	Pass	Inf	21.725M	19.01M						
6475MHz	Pass	Inf	21.78M	18.983M						
6515MHz	Pass	Inf	22.88M	19.035M						
6535MHz	Pass	Inf	22.165M	18.996M						
6695MHz	Pass	Inf	22.055M	19.021M						
6875MHz	Pass	Inf	22.055M	19.013M						
6895MHz	Pass	Inf	21.67M	19.047M						
6995MHz	Pass	Inf	22.44M	19.005M						
7095MHz	Pass	Inf	22.66M	19.067M						
7115MHz	Pass	Inf	22.385M	19.024M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	43.67M	37.89M						
6205MHz	Pass	Inf	43.01M	37.997M						
6405MHz	Pass	Inf	42.35M	37.963M						
6445MHz	Pass	Inf	43.78M	37.942M						
6485MHz	Pass	Inf	43.78M	37.944M						
6525MHz	Pass	Inf	42.35M	38.008M						
6565MHz	Pass	Inf	42.79M	37.998M						
6685MHz	Pass	Inf	43.67M	37.977M						
6885MHz	Pass	Inf	43.67M	38.028M						
6925MHz	Pass	Inf	43.45M	37.926M						
7005MHz	Pass	Inf	42.46M	37.916M						
7085MHz	Pass	Inf	42.57M	37.977M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	85.36M	77.526M						
6225MHz	Pass	Inf	87.12M	77.68M						
6385MHz	Pass	Inf	86.24M	77.629M						
6465MHz	Pass	Inf	88.88M	77.548M						
6545MHz	Pass	Inf	87.56M	77.588M						
6625MHz	Pass	Inf	86.02M	77.518M						
6705MHz	Pass	Inf	84.92M	77.69M						
6785MHz	Pass	Inf	85.14M	77.605M						
6865MHz	Pass	Inf	87.34M	77.679M						
6945MHz	Pass	Inf	87.34M	77.587M						
7025MHz	Pass	Inf	87.12M	77.52M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	167.2M	156.556M						
6185MHz	Pass	Inf	168.08M	156.627M						
6345MHz	Pass	Inf	168.96M	156.994M						
6505MHz	Pass	Inf	170.72M	157.019M						
6665MHz	Pass	Inf	168.96M	156.759M						
6825MHz	Pass	Inf	171.16M	156.95M						
6985MHz	Pass	Inf	169.4M	157.015M						
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	328.24M	314.463M						
6265MHz	Pass	Inf	332.64M	315.12M						
6425MHz	Pass	Inf	334.4M	315.765M						
6585MHz	Pass	Inf	335.28M	315.749M						
6745MHz	Pass	Inf	335.28M	315.649M						
6905MHz	Pass	Inf	334.4M	315.329M						
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-

**EBW_R4_Indoor AP_Narrow Beam_Non-BF mode****Appendix B.3**

5955MHz	Pass	Inf	22.55M	19.031M	21.835M	19.051M				
6195MHz	Pass	Inf	22M	19.012M	22.275M	19.016M				
6415MHz	Pass	Inf	21.835M	19.046M	21.395M	19.065M				
6435MHz	Pass	Inf	22.055M	19.017M	21.89M	19.003M				
6475MHz	Pass	Inf	22.11M	19.048M	22.11M	19.064M				
6515MHz	Pass	Inf	22.275M	19.032M	23.155M	19.009M				
6535MHz	Pass	Inf	21.67M	19.069M	22.715M	19.023M				
6695MHz	Pass	Inf	21.835M	19.004M	21.78M	18.969M				
6875MHz	Pass	Inf	22.605M	19.087M	22.495M	18.999M				
6895MHz	Pass	Inf	21.505M	19.039M	21.505M	19.028M				
6995MHz	Pass	Inf	22.275M	19.024M	21.56M	19.06M				
7095MHz	Pass	Inf	22.935M	19.053M	22.22M	19.076M				
7115MHz	Pass	Inf	21.945M	19.034M	21.945M	19.032M				
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	43.67M	38.012M	42.57M	37.944M				
6205MHz	Pass	Inf	42.35M	38.006M	42.35M	37.975M				
6405MHz	Pass	Inf	42.35M	37.975M	43.23M	38.01M				
6445MHz	Pass	Inf	44.22M	38.068M	43.45M	37.896M				
6485MHz	Pass	Inf	43.45M	37.907M	44.11M	37.943M				
6525MHz	Pass	Inf	42.46M	37.987M	43.78M	37.978M				
6565MHz	Pass	Inf	42.57M	37.946M	41.58M	37.977M				
6685MHz	Pass	Inf	43.12M	37.939M	41.8M	37.943M				
6885MHz	Pass	Inf	43.01M	37.933M	42.79M	37.88M				
6925MHz	Pass	Inf	43.34M	37.876M	43.23M	37.98M				
7005MHz	Pass	Inf	42.68M	37.923M	42.9M	37.977M				
7085MHz	Pass	Inf	43.56M	37.944M	42.46M	37.889M				
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	87.56M	77.479M	87.78M	77.535M				
6225MHz	Pass	Inf	88.44M	77.57M	89.1M	77.48M				
6385MHz	Pass	Inf	86.24M	77.527M	85.14M	77.57M				
6465MHz	Pass	Inf	86.24M	77.682M	89.54M	77.669M				
6545MHz	Pass	Inf	88.44M	77.632M	88M	77.637M				
6625MHz	Pass	Inf	89.76M	77.551M	85.58M	77.685M				
6705MHz	Pass	Inf	88M	77.646M	87.34M	77.469M				
6785MHz	Pass	Inf	85.58M	77.667M	90.2M	77.537M				
6865MHz	Pass	Inf	87.56M	77.803M	89.32M	77.549M				
6945MHz	Pass	Inf	86.24M	77.676M	88M	77.675M				
7025MHz	Pass	Inf	86.68M	77.695M	87.56M	77.639M				
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	168.52M	156.474M	168.96M	156.625M				
6185MHz	Pass	Inf	168.08M	157.037M	169.4M	156.74M				
6345MHz	Pass	Inf	165M	156.891M	168.08M	156.783M				
6505MHz	Pass	Inf	169.4M	156.889M	168.52M	156.823M				
6665MHz	Pass	Inf	170.72M	157.12M	171.16M	156.852M				
6825MHz	Pass	Inf	168.96M	156.8M	168.96M	156.602M				
6985MHz	Pass	Inf	166.76M	156.83M	168.96M	156.893M				
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	329.12M	314.38M	330.88M	315.11M				
6265MHz	Pass	Inf	337.92M	314.887M	329.12M	315.534M				
6425MHz	Pass	Inf	328.24M	315.617M	329.12M	315.773M				
6585MHz	Pass	Inf	329.12M	315.277M	330.88M	315.131M				
6745MHz	Pass	Inf	337.04M	315.916M	337.04M	315.218M				
6905MHz	Pass	Inf	338.8M	315.086M	333.52M	315.086M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	22.55M	18.992M	21.505M	19.026M	21.945M	19.034M	22.385M	18.997M
6195MHz	Pass	Inf	22.165M	18.988M	23.1M	19.021M	21.78M	18.985M	22.715M	18.983M
6415MHz	Pass	Inf	21.89M	19.038M	22.055M	19.038M	22.055M	19.001M	22.825M	19.046M
6435MHz	Pass	Inf	21.505M	18.992M	22.275M	19.056M	21.34M	19.014M	22.055M	19.044M

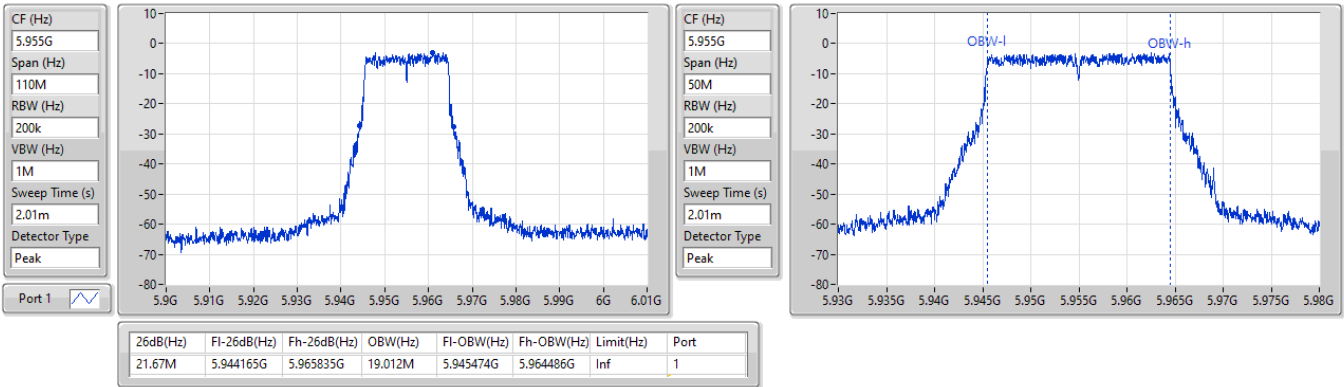


6475MHz	Pass	Inf	21.395M	19.015M	21.945M	19.051M	22.33M	19.034M	22M	19.011M
6515MHz	Pass	Inf	21.285M	19.024M	22.495M	19.037M	20.79M	19.006M	22.44M	18.993M
6535MHz	Pass	Inf	22M	19.021M	22.11M	19.029M	22.22M	19.002M	22.275M	19.025M
6695MHz	Pass	Inf	21.835M	19.057M	21.835M	19.073M	22.495M	19.025M	21.67M	19.005M
6875MHz	Pass	Inf	22.275M	19.023M	22.22M	19.027M	22.715M	18.976M	21.23M	19.069M
6895MHz	Pass	Inf	21.89M	19.029M	22.055M	19.038M	21.945M	18.988M	21.78M	19.042M
6995MHz	Pass	Inf	21.89M	19.035M	21.78M	19.092M	21.78M	19.023M	22.55M	19M
7095MHz	Pass	Inf	21.45M	19.001M	21.89M	19.057M	21.835M	19.036M	22.22M	19.002M
7115MHz	Pass	Inf	22.385M	19.058M	22.33M	19.018M	21.56M	19.056M	21.45M	19.022M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	42.46M	37.952M	42.24M	37.926M	43.67M	37.896M	42.13M	38.003M
6205MHz	Pass	Inf	41.91M	37.992M	41.91M	37.959M	43.12M	37.995M	42.9M	38.006M
6405MHz	Pass	Inf	42.46M	37.955M	42.68M	37.934M	43.56M	38.017M	42.02M	37.904M
6445MHz	Pass	Inf	43.12M	37.967M	43.45M	37.896M	42.35M	38.064M	43.01M	37.93M
6485MHz	Pass	Inf	43.67M	37.943M	41.8M	37.95M	43.67M	38.012M	44.22M	37.926M
6525MHz	Pass	Inf	42.46M	37.941M	43.45M	37.851M	42.46M	37.977M	42.68M	37.989M
6565MHz	Pass	Inf	42.57M	37.995M	42.13M	37.937M	42.57M	37.986M	44.66M	37.98M
6685MHz	Pass	Inf	42.24M	37.953M	43.12M	37.98M	43.45M	37.959M	41.91M	37.938M
6885MHz	Pass	Inf	44.22M	37.911M	43.56M	37.919M	43.23M	37.916M	43.34M	37.918M
6925MHz	Pass	Inf	42.68M	38.036M	42.68M	37.942M	42.13M	37.911M	42.35M	37.857M
7005MHz	Pass	Inf	42.79M	37.949M	42.13M	37.943M	43.78M	37.912M	42.35M	37.947M
7085MHz	Pass	Inf	42.68M	38.017M	43.01M	37.891M	41.8M	37.994M	41.58M	38.015M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	85.58M	77.559M	87.12M	77.606M	86.02M	77.521M	85.14M	77.726M
6225MHz	Pass	Inf	87.56M	77.585M	89.1M	77.539M	84.48M	77.613M	88.88M	77.445M
6385MHz	Pass	Inf	86.9M	77.658M	87.12M	77.608M	85.8M	77.526M	86.24M	77.579M
6465MHz	Pass	Inf	85.58M	77.621M	87.34M	77.581M	87.56M	77.82M	87.34M	77.655M
6545MHz	Pass	Inf	86.68M	77.6M	85.58M	77.559M	85.36M	77.634M	86.02M	77.541M
6625MHz	Pass	Inf	87.34M	77.561M	88.88M	77.536M	88M	77.479M	86.02M	77.581M
6705MHz	Pass	Inf	88.44M	77.648M	87.34M	77.513M	86.68M	77.653M	87.12M	77.457M
6785MHz	Pass	Inf	87.56M	77.698M	87.12M	77.706M	88.44M	77.614M	88M	77.482M
6865MHz	Pass	Inf	87.12M	77.545M	86.46M	77.518M	88.44M	77.597M	84.04M	77.524M
6945MHz	Pass	Inf	89.76M	77.507M	89.54M	77.576M	88.66M	77.531M	88.22M	77.564M
7025MHz	Pass	Inf	86.9M	77.631M	86.24M	77.798M	84.92M	77.64M	86.9M	77.67M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	169.84M	156.614M	165.88M	156.719M	168.52M	156.813M	165.44M	156.573M
6185MHz	Pass	Inf	168.52M	156.75M	167.2M	156.746M	167.2M	156.952M	169.84M	156.674M
6345MHz	Pass	Inf	169.84M	157.14M	170.28M	156.968M	169.4M	157.176M	168.08M	156.734M
6505MHz	Pass	Inf	176M	156.935M	170.72M	156.873M	166.76M	156.766M	169.84M	156.795M
6665MHz	Pass	Inf	168.96M	156.638M	168.52M	156.718M	168.08M	156.709M	169.4M	156.647M
6825MHz	Pass	Inf	170.28M	156.948M	169.4M	156.605M	169.4M	157.008M	167.64M	156.706M
6985MHz	Pass	Inf	169.4M	156.74M	171.16M	156.754M	169.4M	157.038M	170.72M	156.958M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	330M	314.681M	325.6M	314.769M	330M	314.664M	328.24M	315.216M
6265MHz	Pass	Inf	334.4M	315.335M	332.64M	315.628M	333.52M	315.355M	330.88M	315.625M
6425MHz	Pass	Inf	333.52M	315.691M	331.76M	315.312M	334.4M	315.599M	330.88M	315.427M
6585MHz	Pass	Inf	337.92M	315.157M	334.4M	315.851M	330.88M	315.318M	335.28M	315.012M
6745MHz	Pass	Inf	335.28M	315.65M	332.64M	315.83M	334.4M	315.237M	336.16M	315.318M
6905MHz	Pass	Inf	331.76M	315.299M	337.04M	315.179M	335.28M	315.306M	328.24M	314.262M

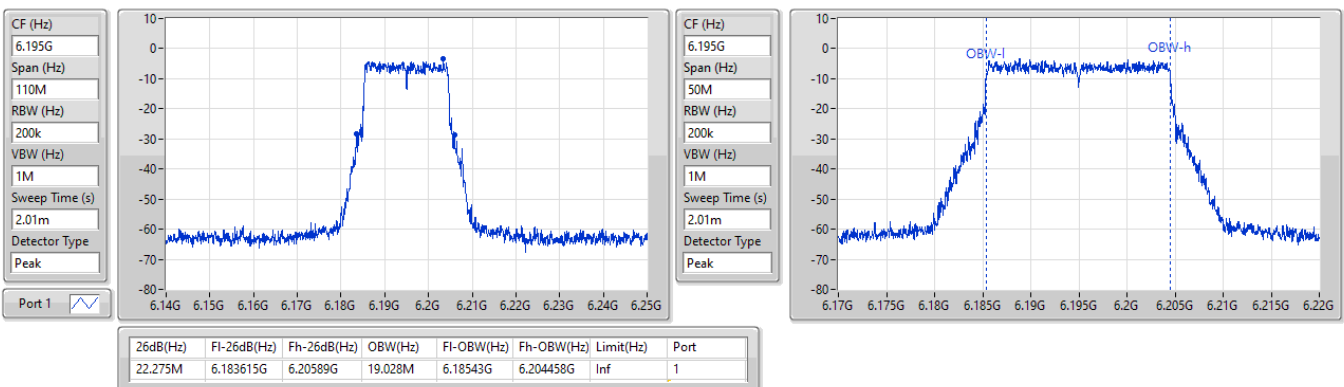
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

26/12/2024

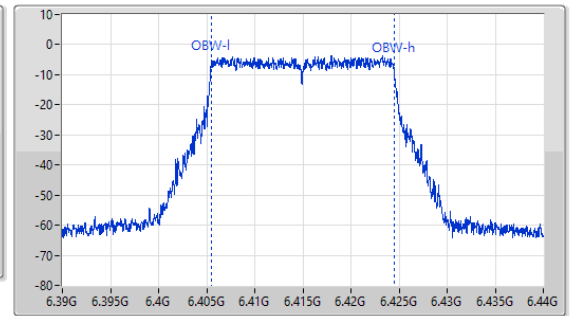
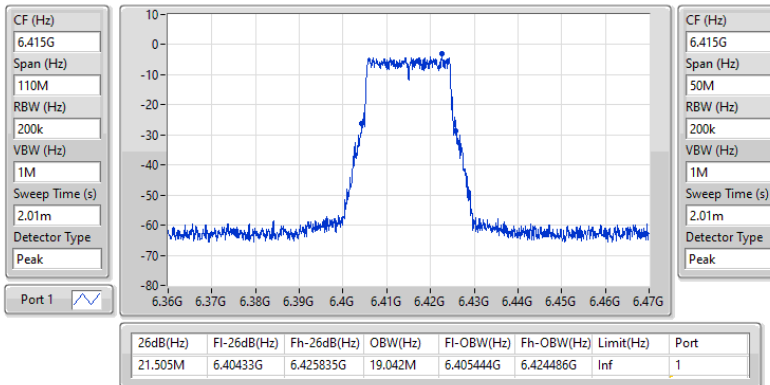

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6195MHz

26/12/2024

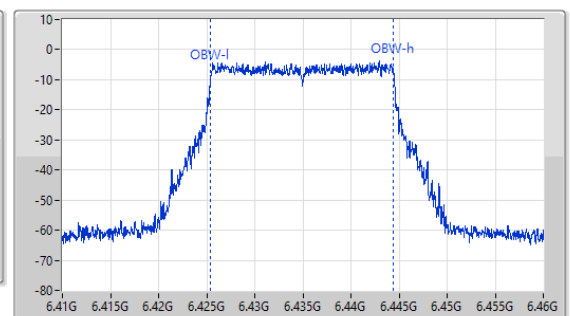
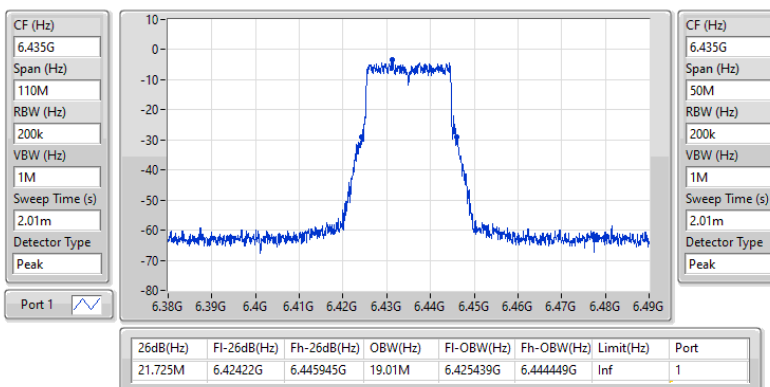


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6415MHz

26/12/2024

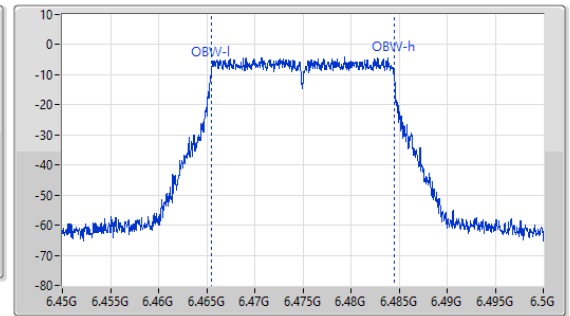
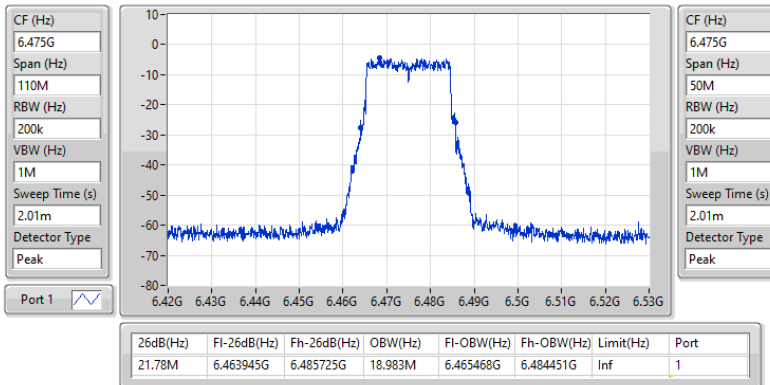

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6435MHz

26/12/2024

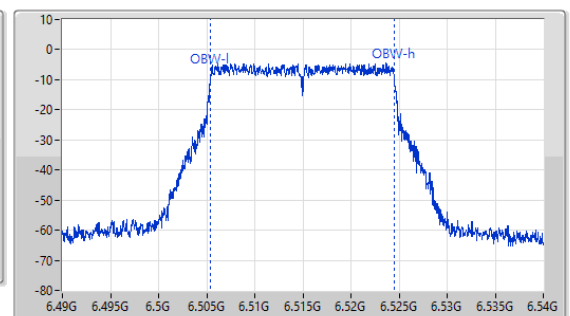
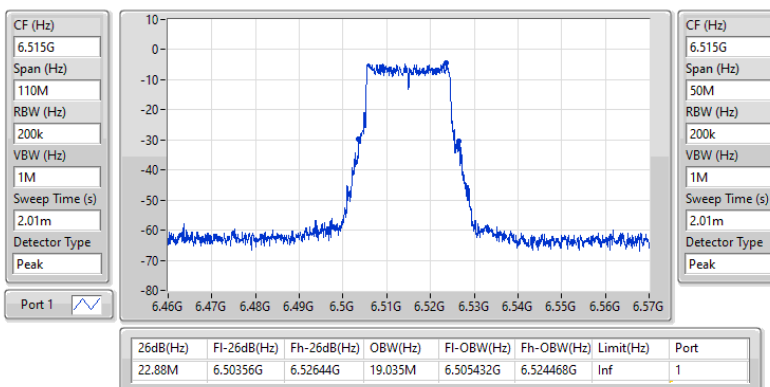


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6475MHz

26/12/2024


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

26/12/2024

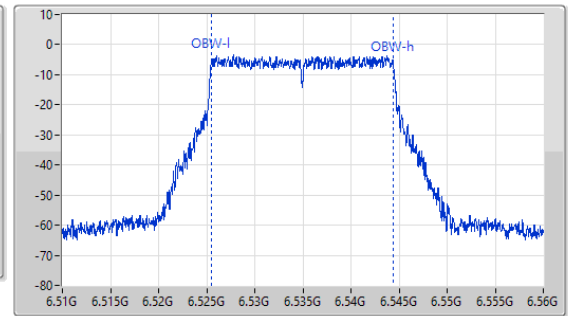
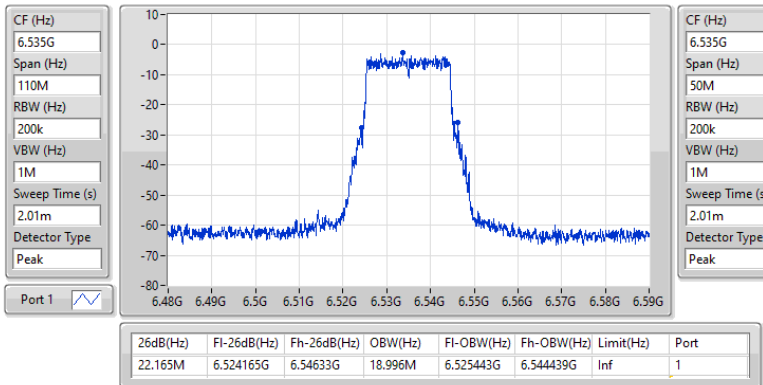


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

6535MHz

26/12/2024

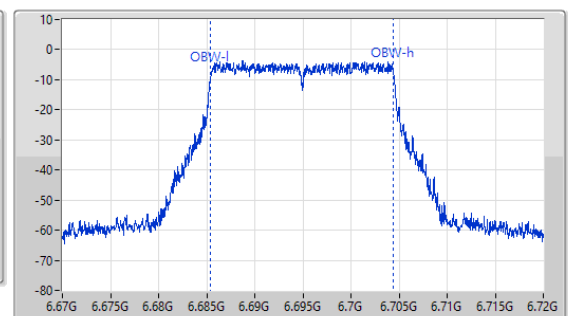
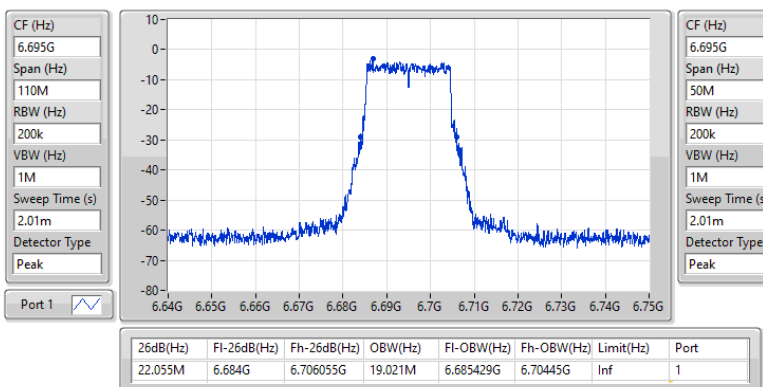


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

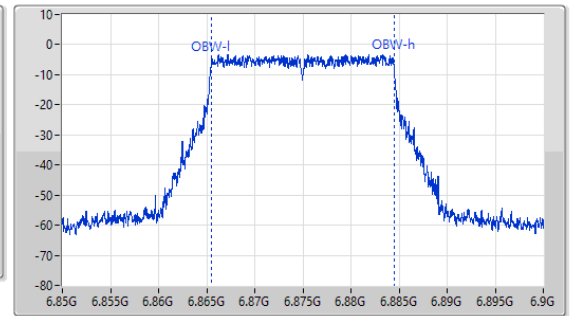
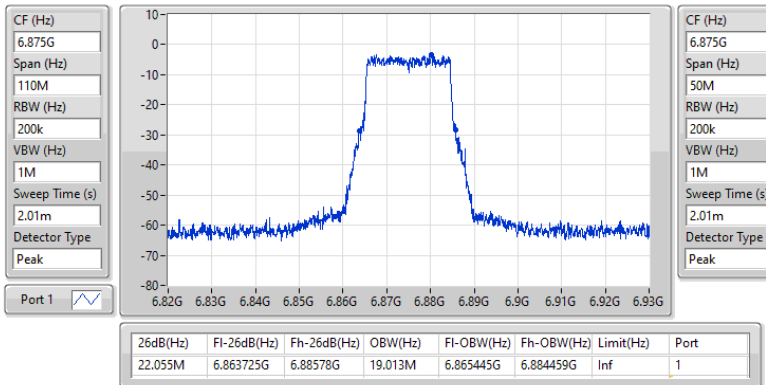
6695MHz

26/12/2024

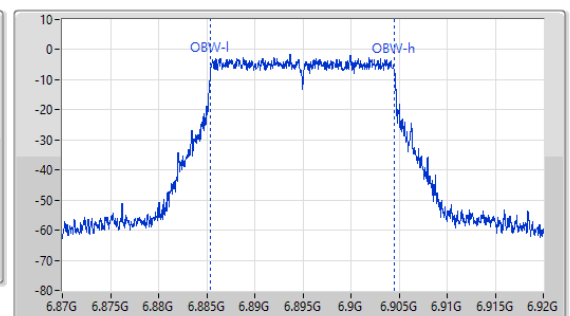
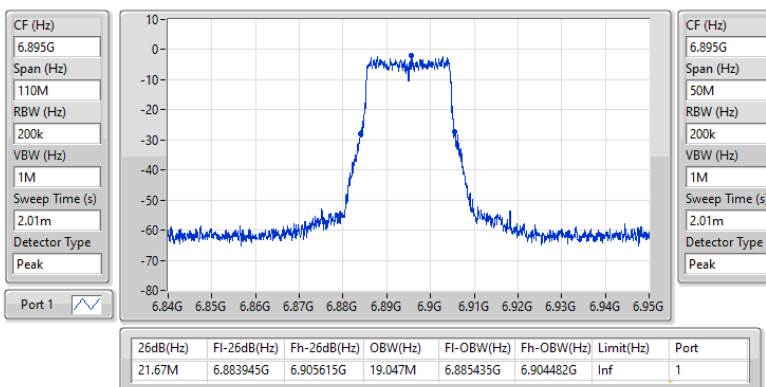


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6875MHz

26/12/2024

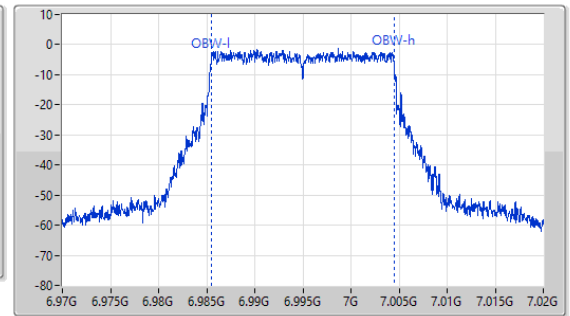
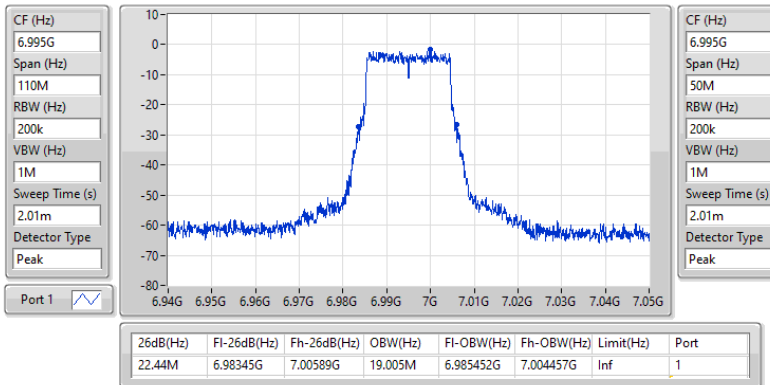

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6895MHz

26/12/2024

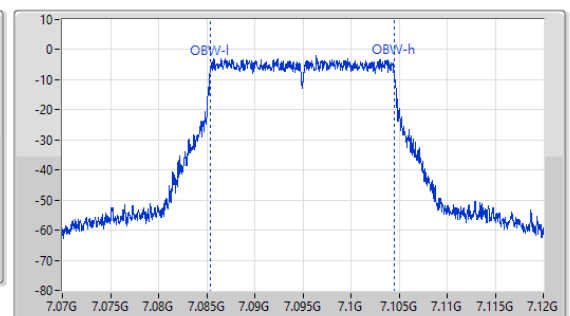
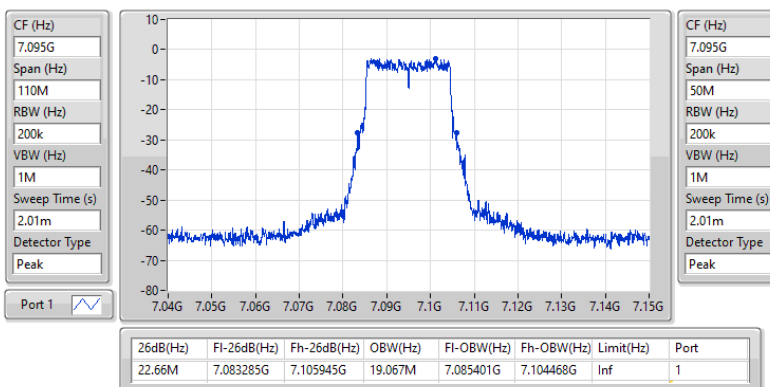


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6995MHz

26/12/2024

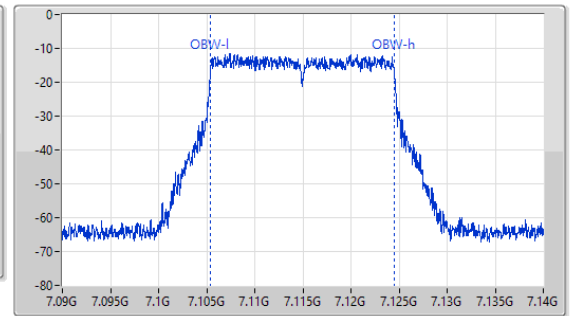
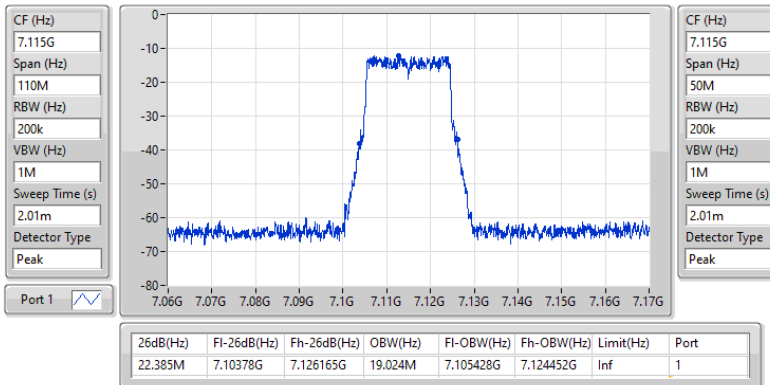

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
7095MHz

26/12/2024

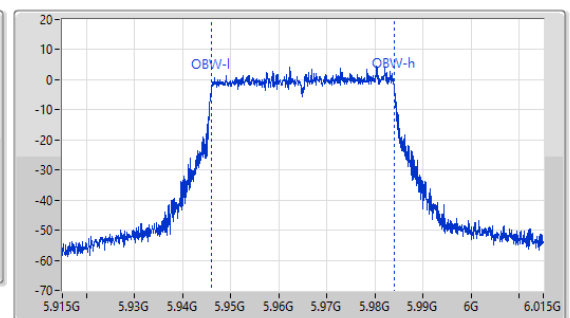
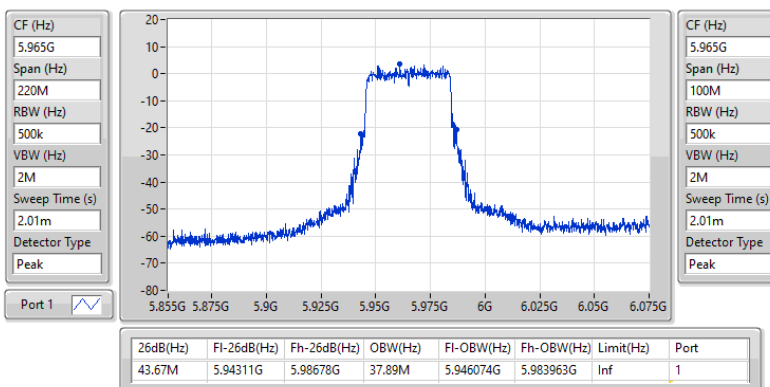


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
7115MHz

26/12/2024

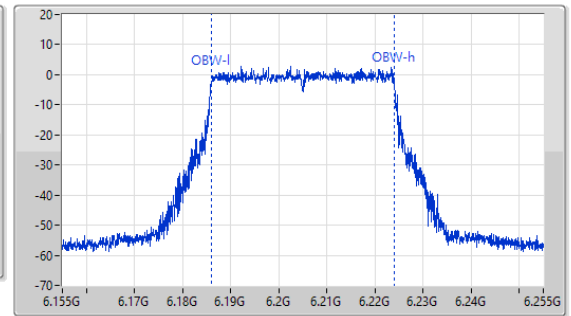
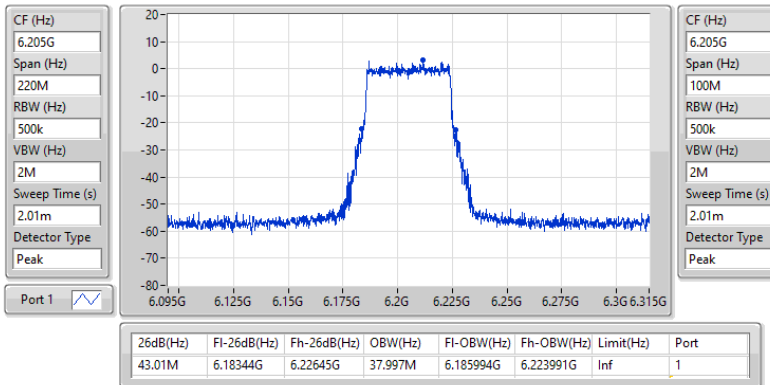

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5965MHz

26/12/2024

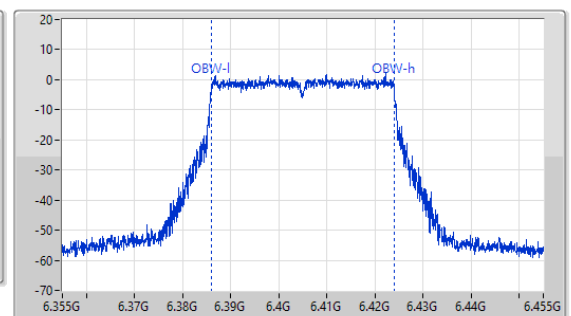
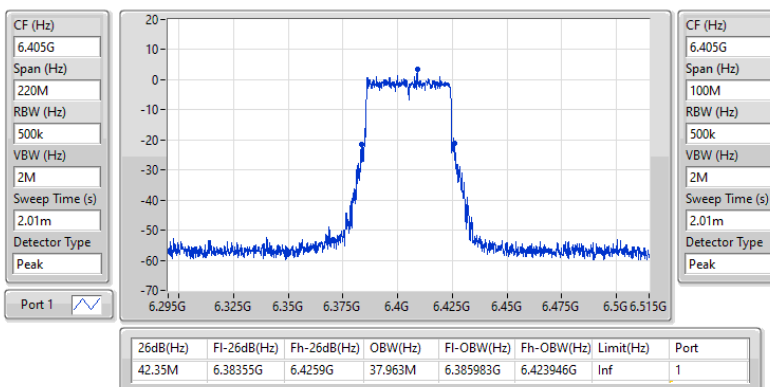


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6205MHz

26/12/2024

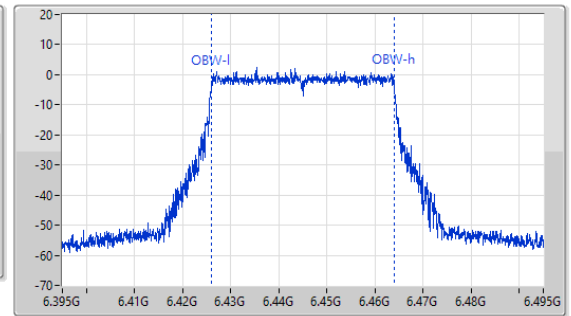
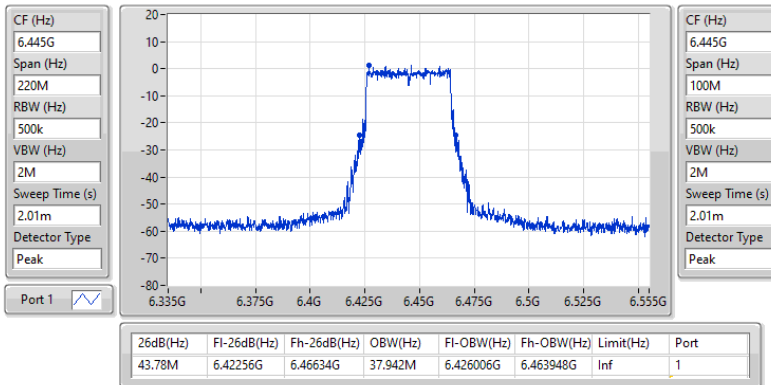

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6405MHz

26/12/2024

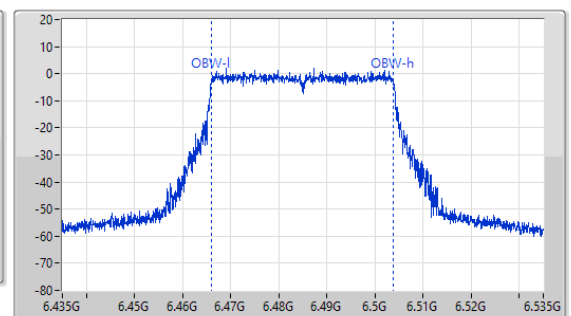
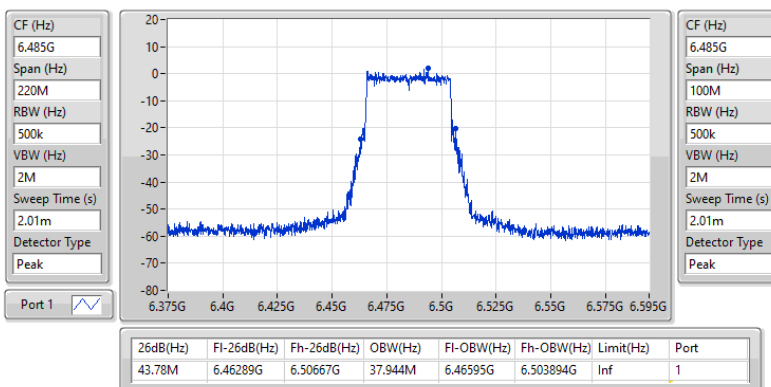


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6445MHz

26/12/2024

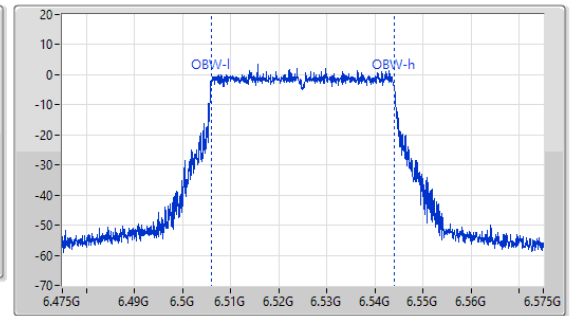
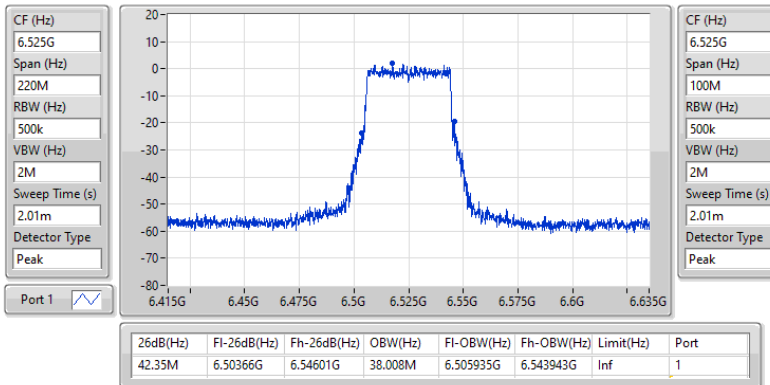

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6485MHz

26/12/2024

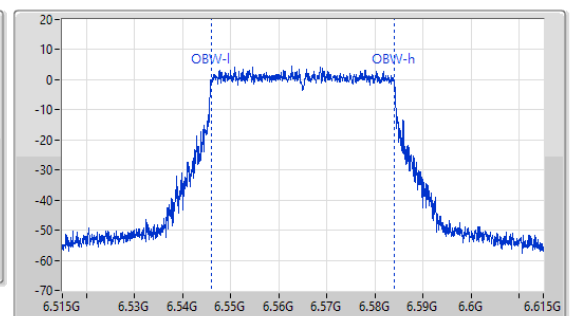
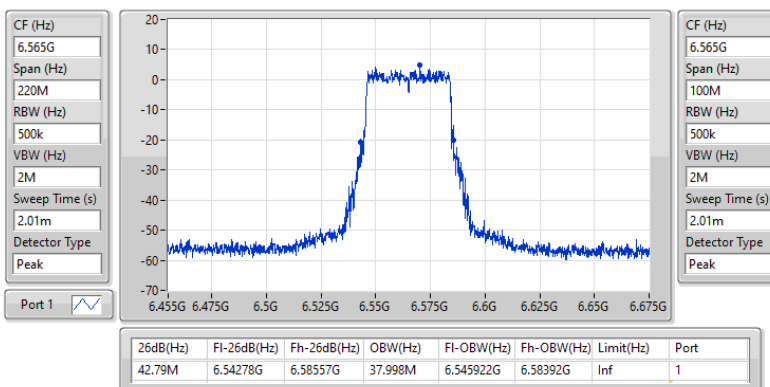


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6525MHz

26/12/2024

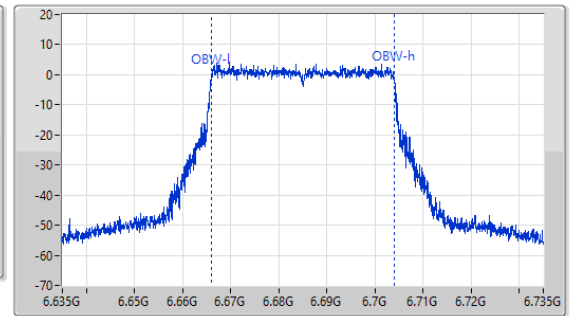
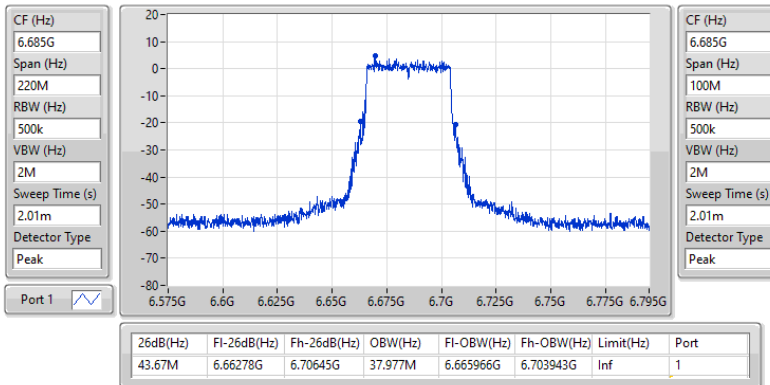

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6565MHz

26/12/2024

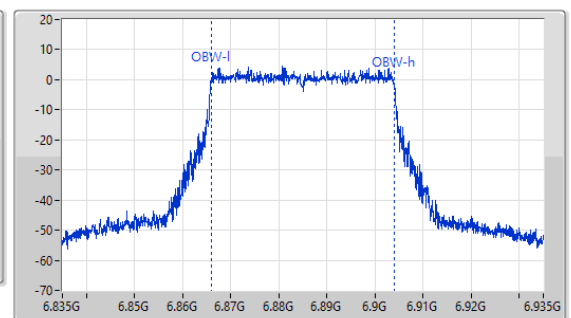
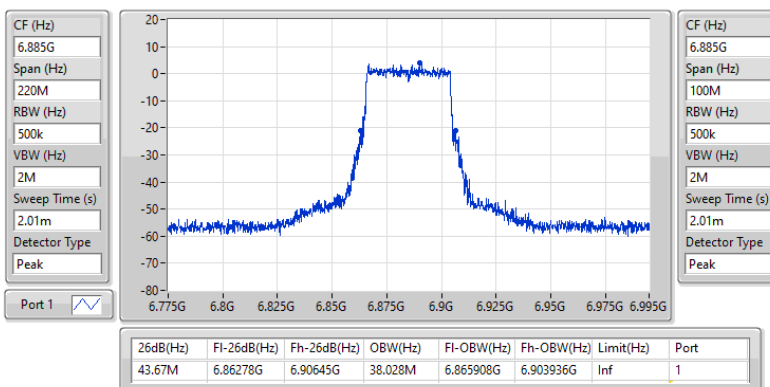


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

26/12/2024

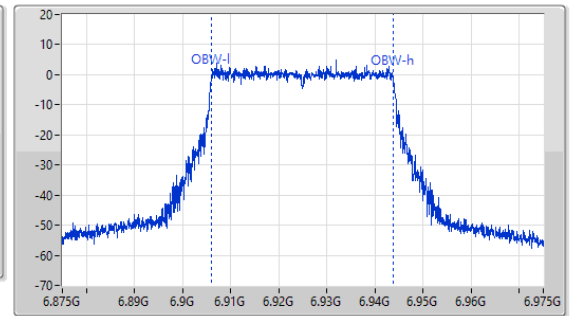
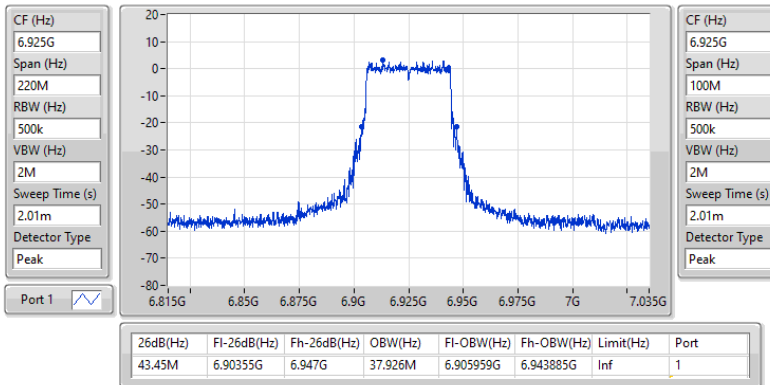

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6885MHz

26/12/2024

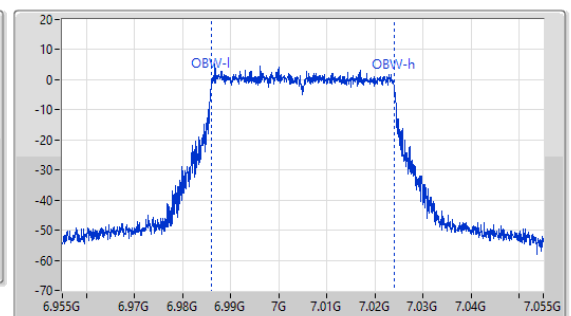
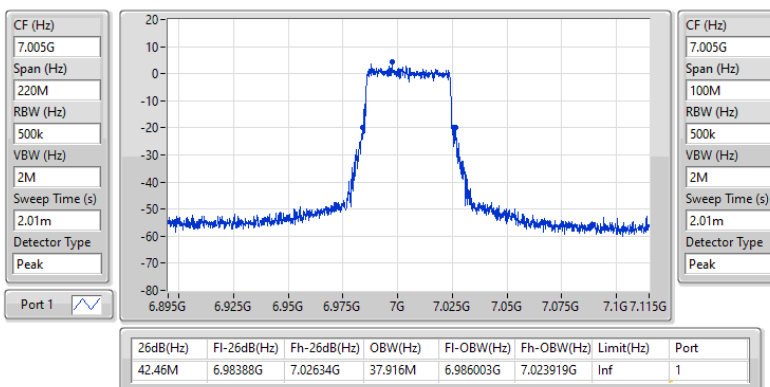


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6925MHz

26/12/2024

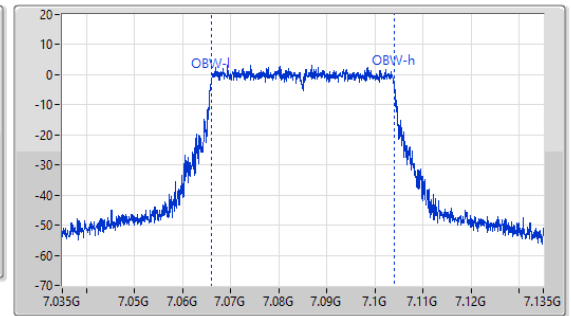
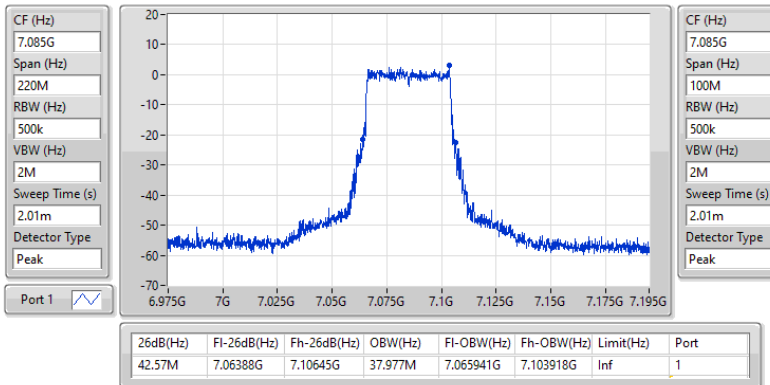

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
7005MHz

26/12/2024

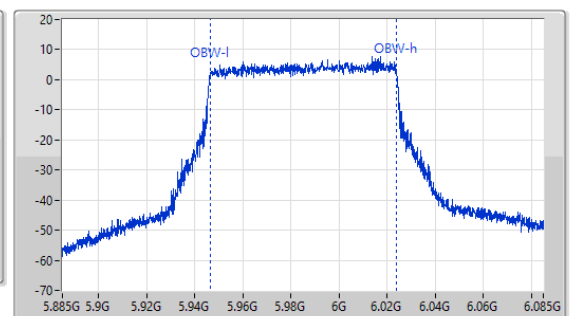
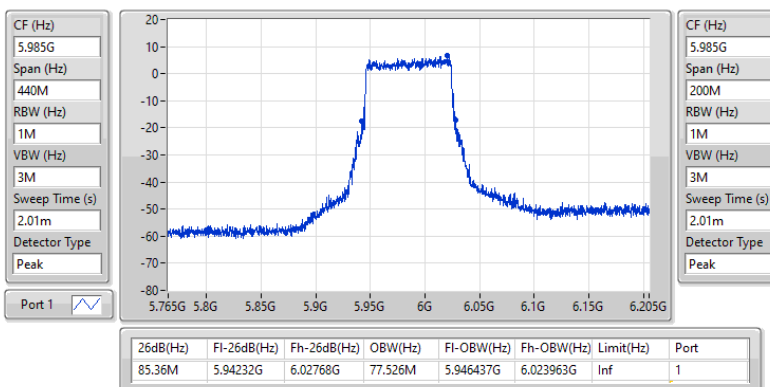


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
7085MHz

26/12/2024

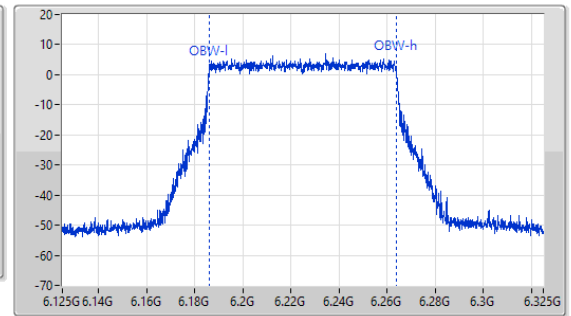
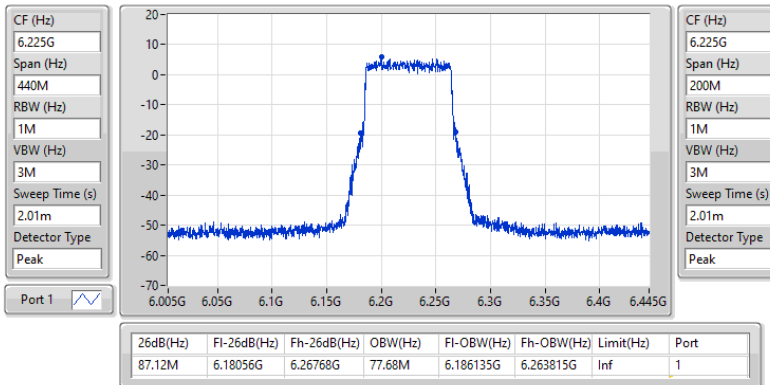

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5985MHz

26/12/2024

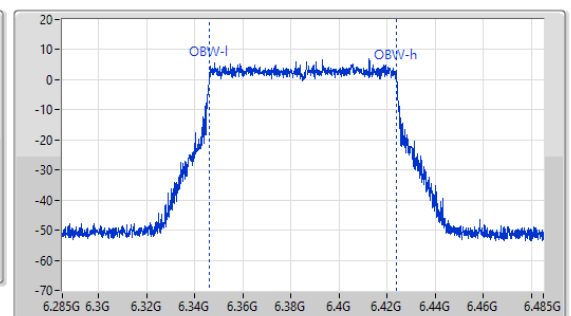
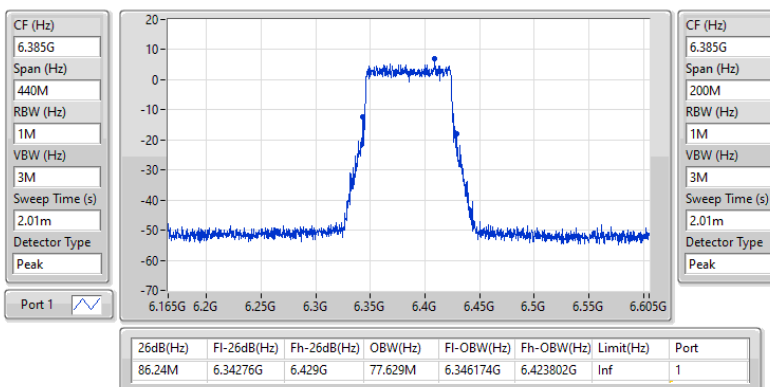


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6225MHz

26/12/2024

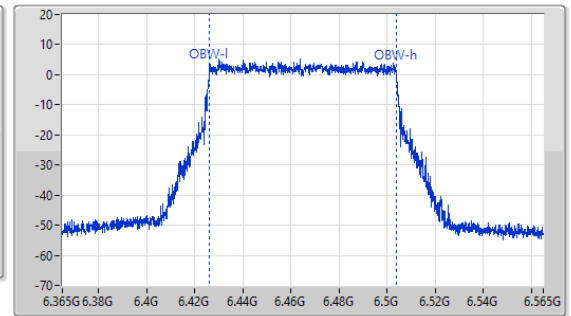
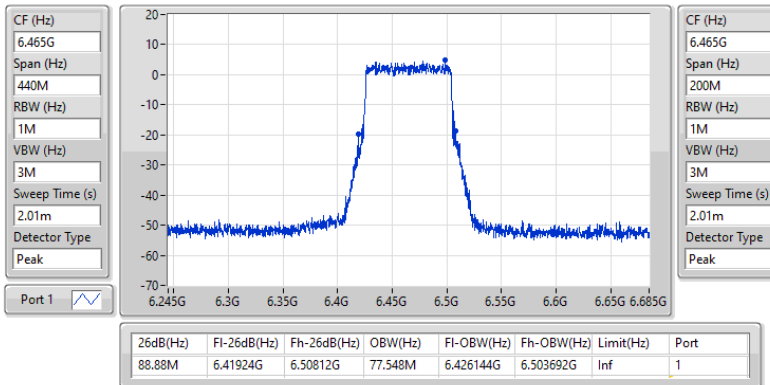

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6385MHz

26/12/2024

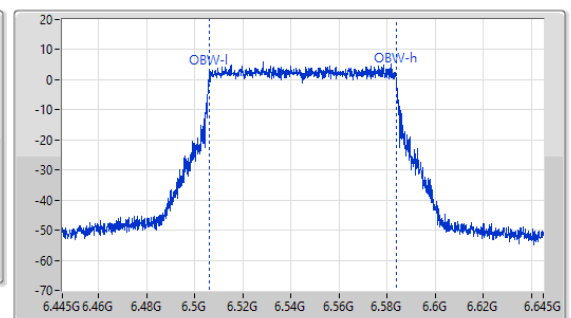
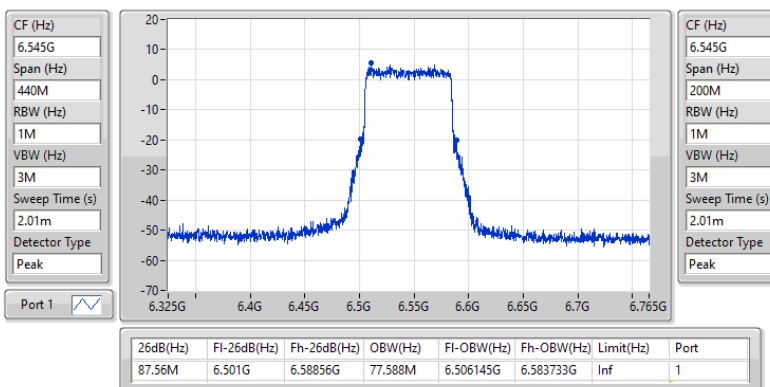


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6465MHz

26/12/2024

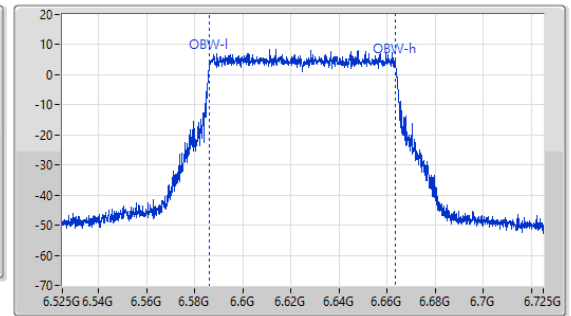
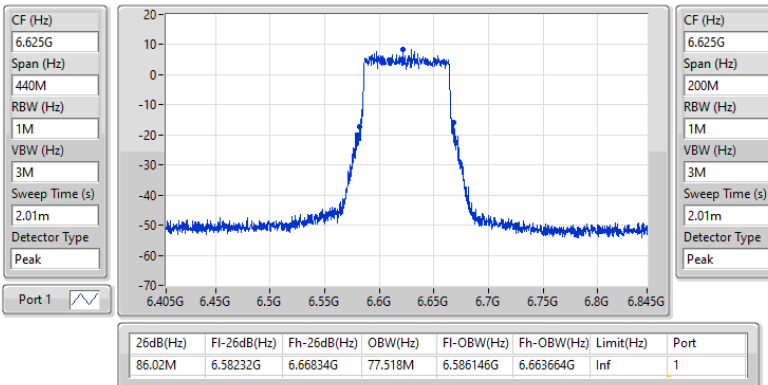

6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6545MHz

26/12/2024

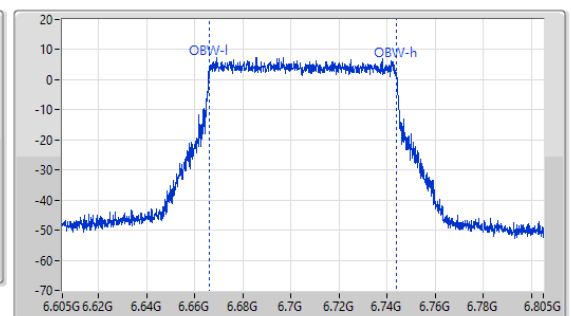
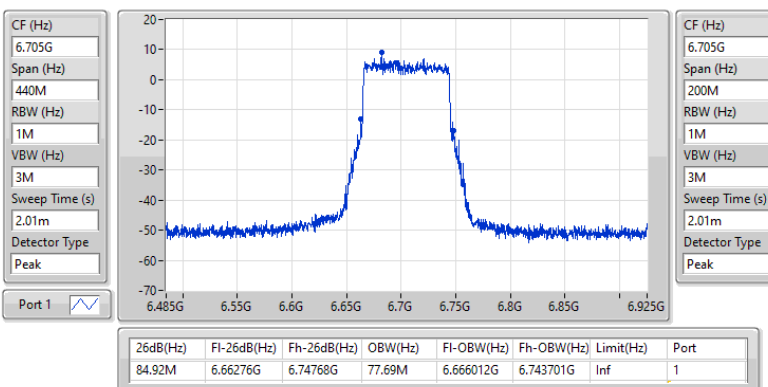


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

26/12/2024

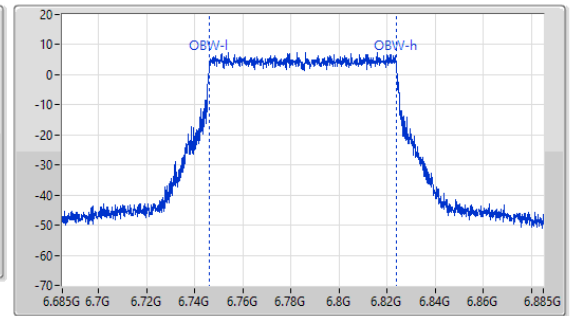
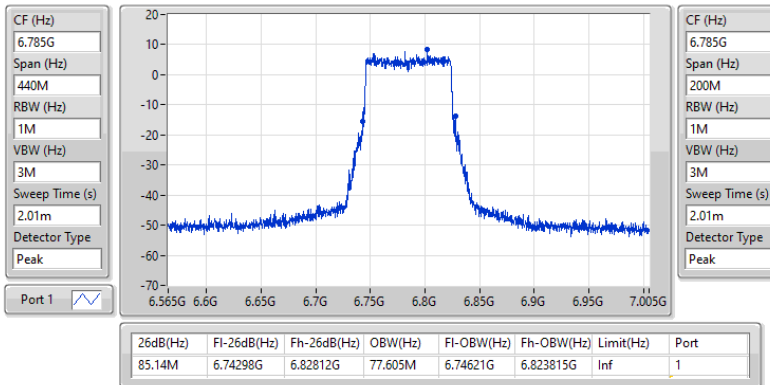

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

26/12/2024

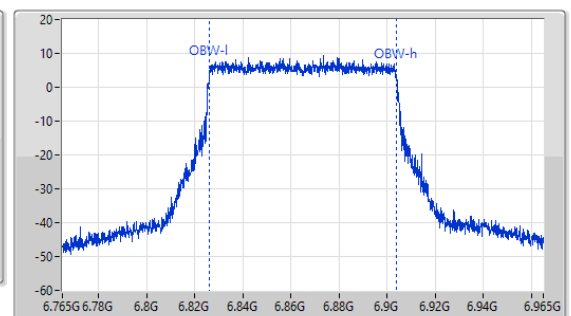
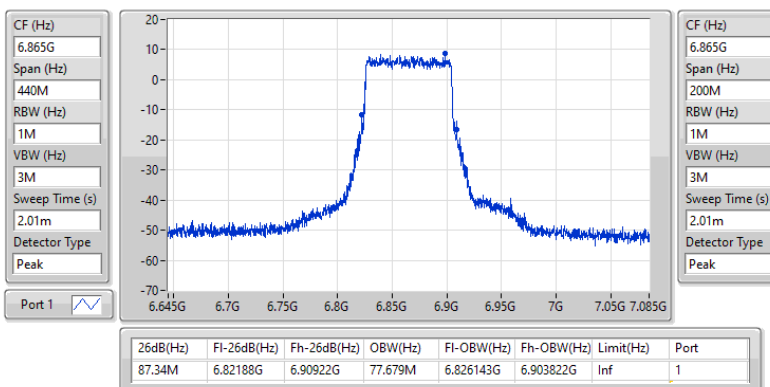


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

26/12/2024

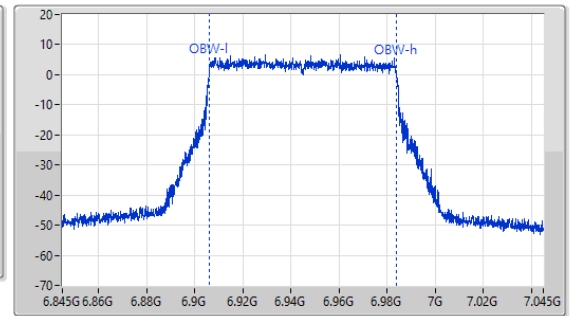
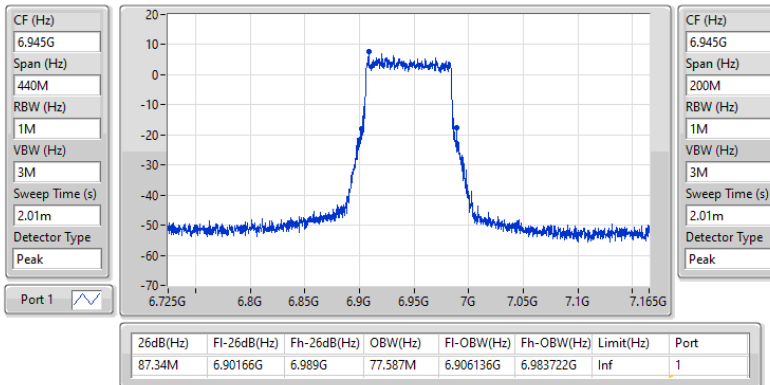

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6865MHz

26/12/2024

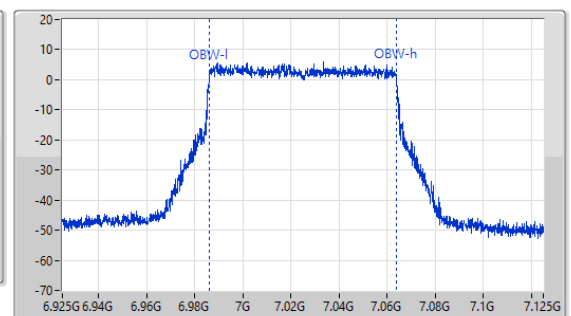
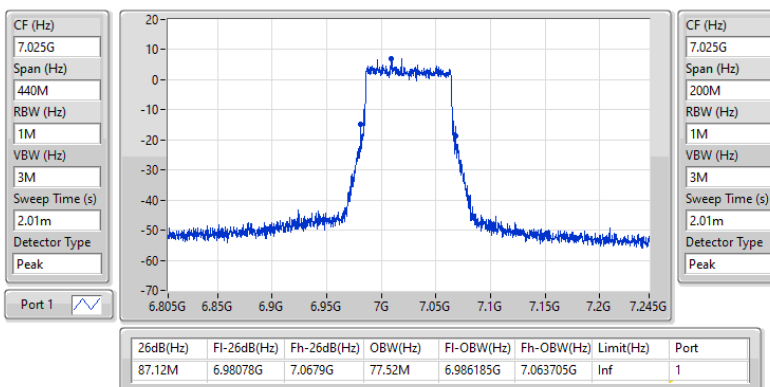


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6945MHz

26/12/2024

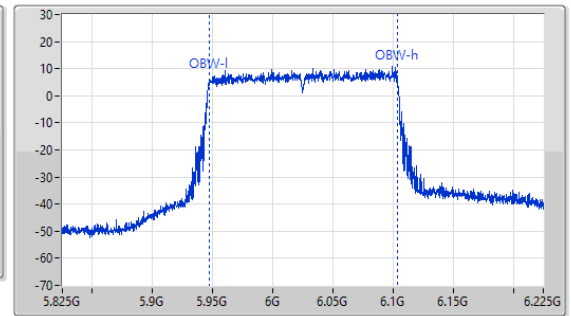
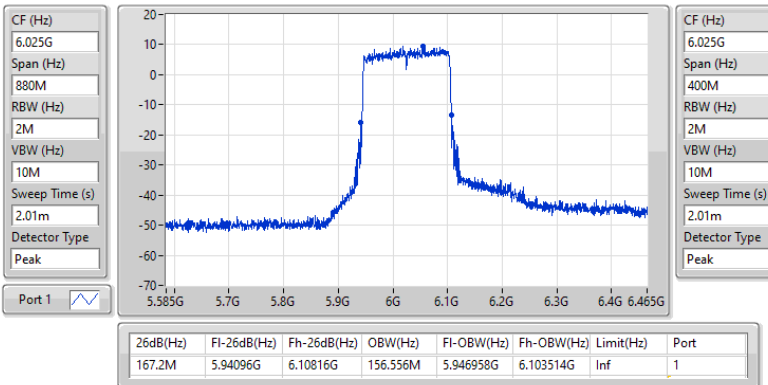

6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
7025MHz

26/12/2024

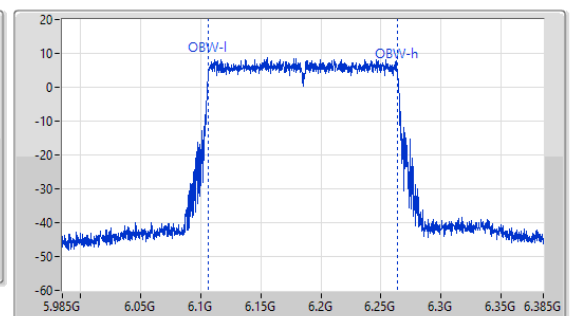
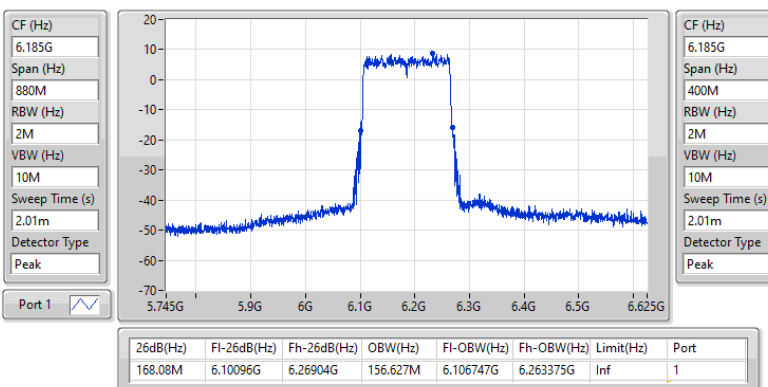


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6025MHz

26/12/2024

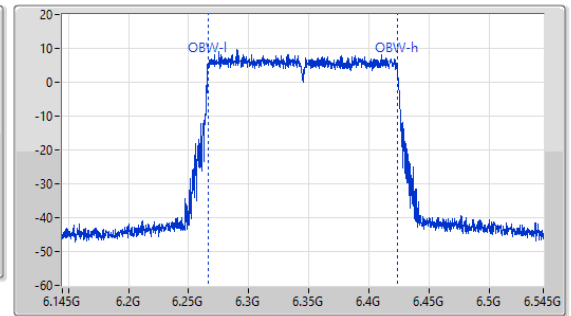
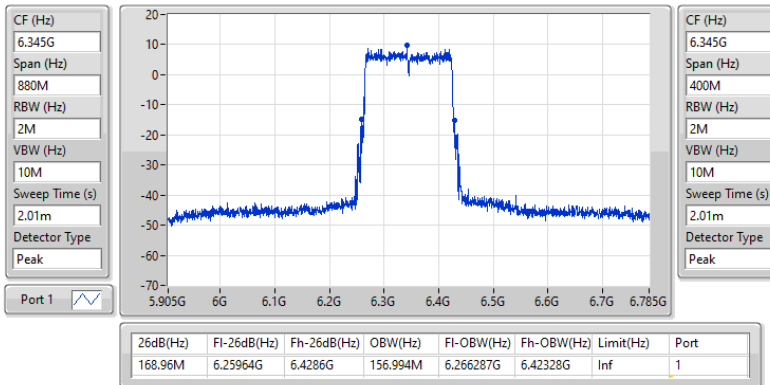

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6185MHz

26/12/2024

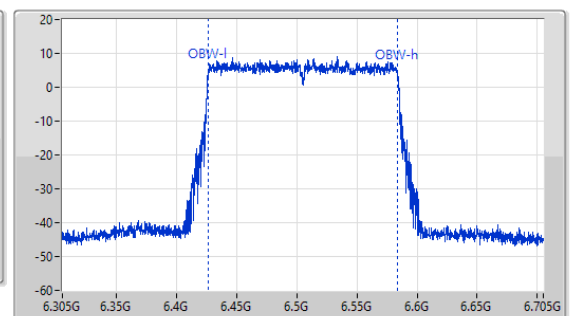
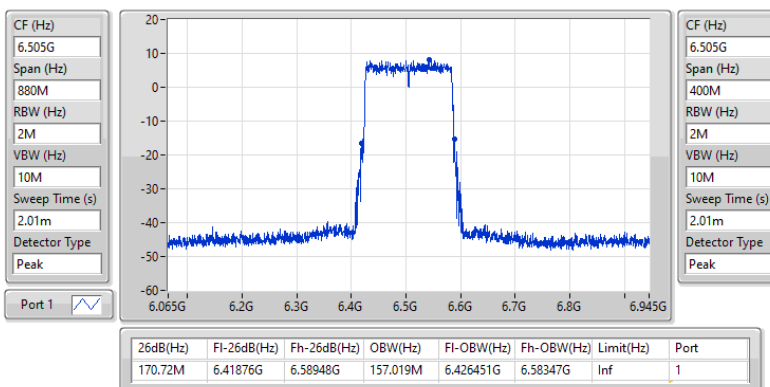


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6345MHz

26/12/2024

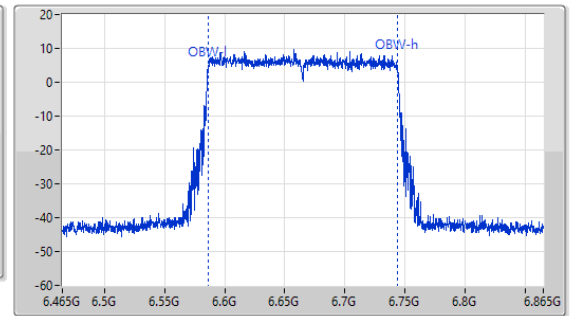
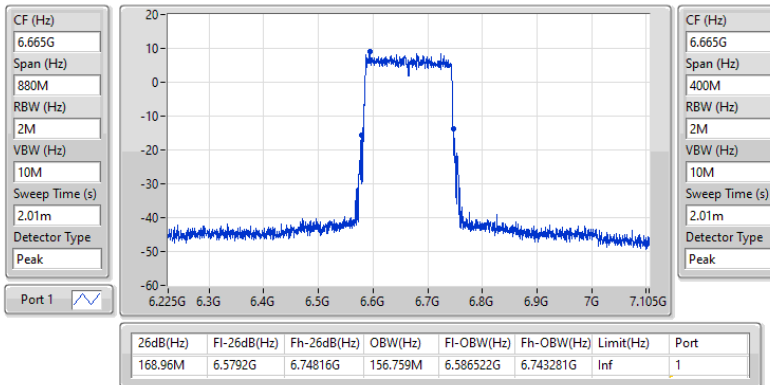

6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6505MHz

26/12/2024

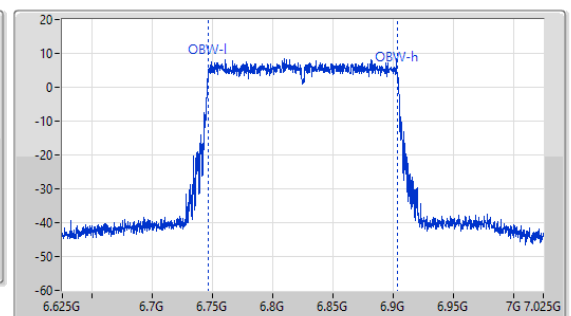
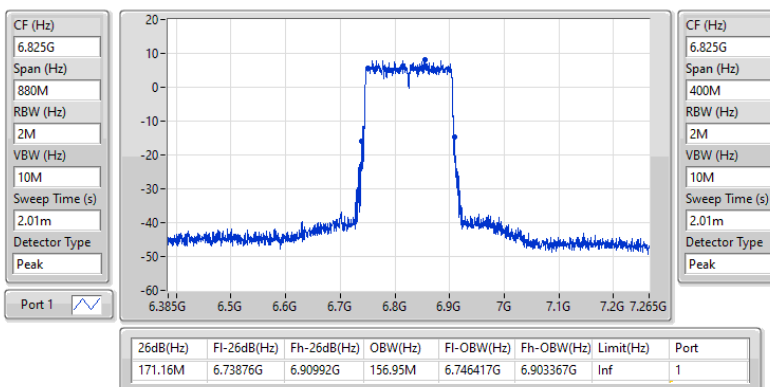


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6665MHz

26/12/2024

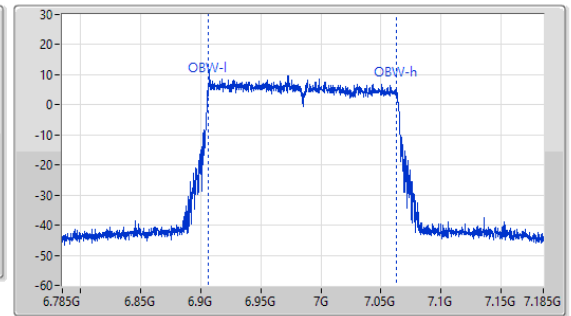
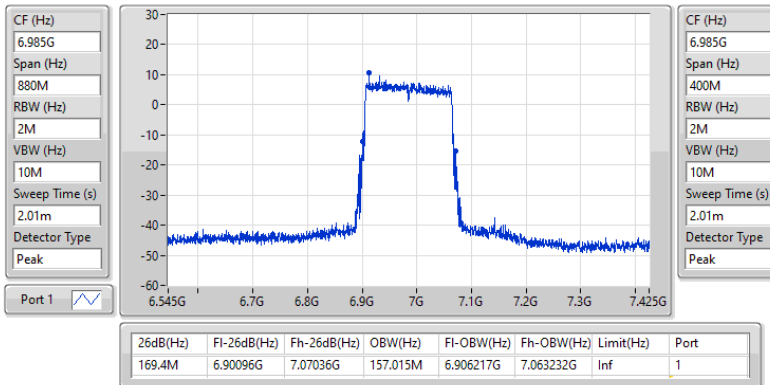

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6825MHz

26/12/2024

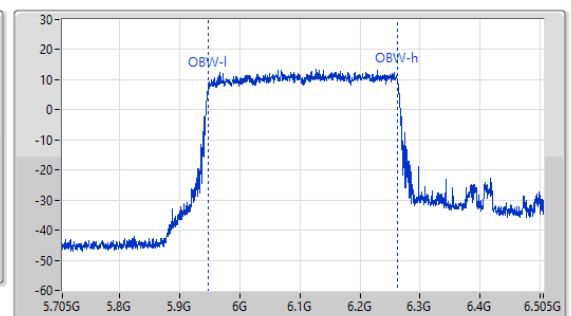
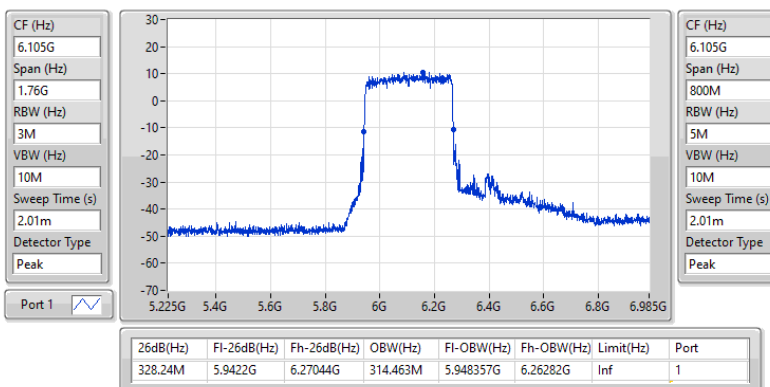


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6985MHz

26/12/2024

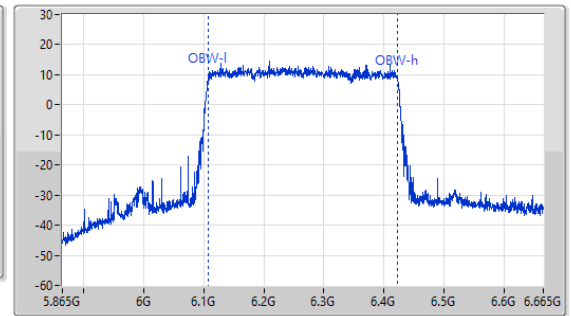
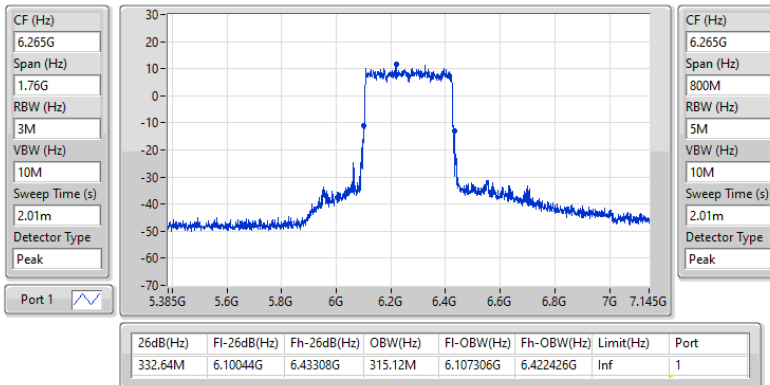

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6105MHz

26/12/2024

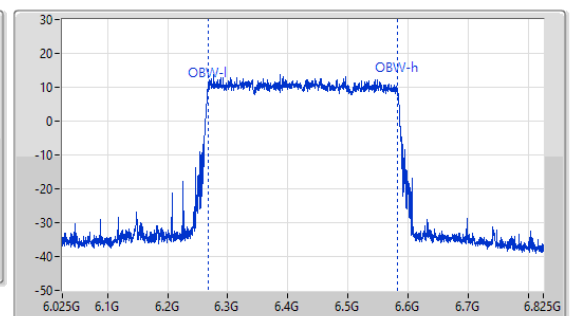
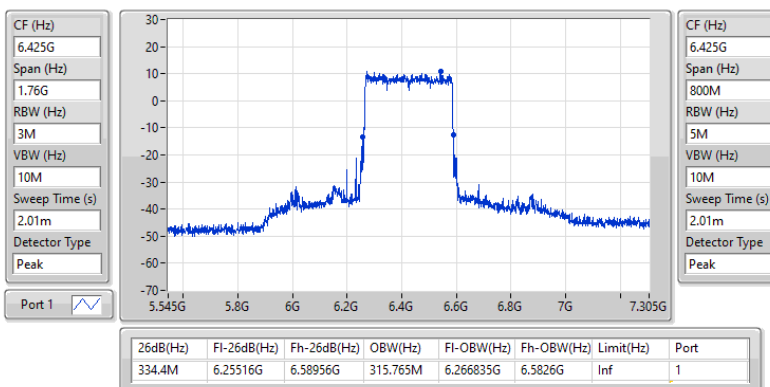


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6265MHz

26/12/2024

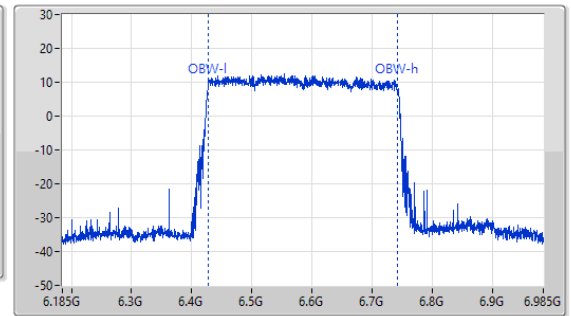
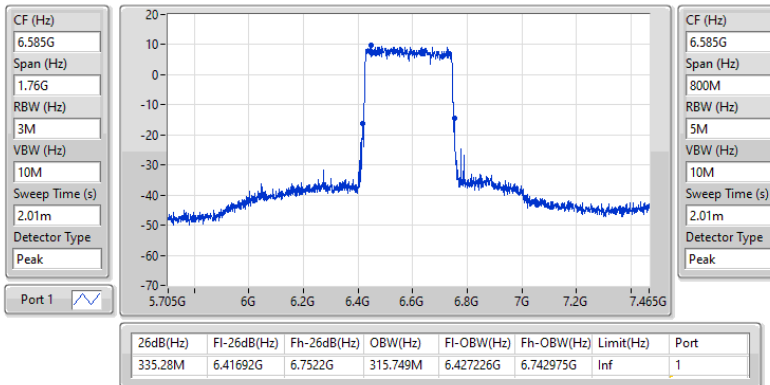

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6425MHz

26/12/2024

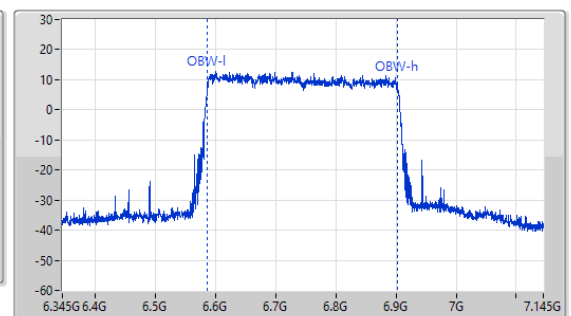
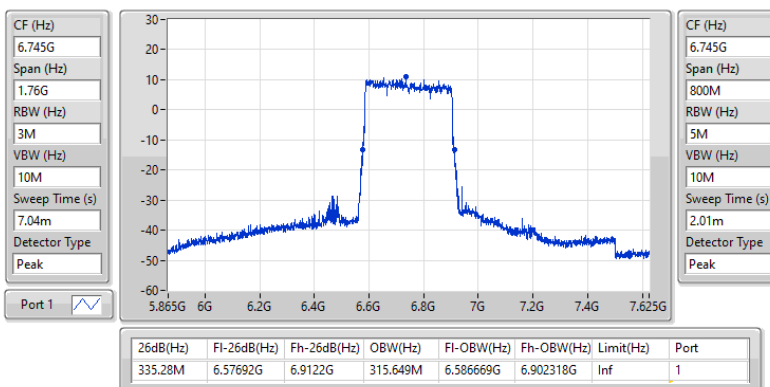


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6585MHz

26/12/2024

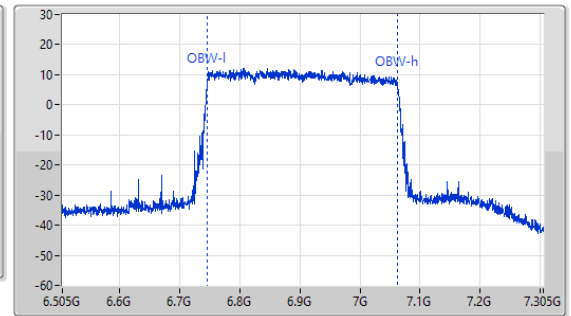
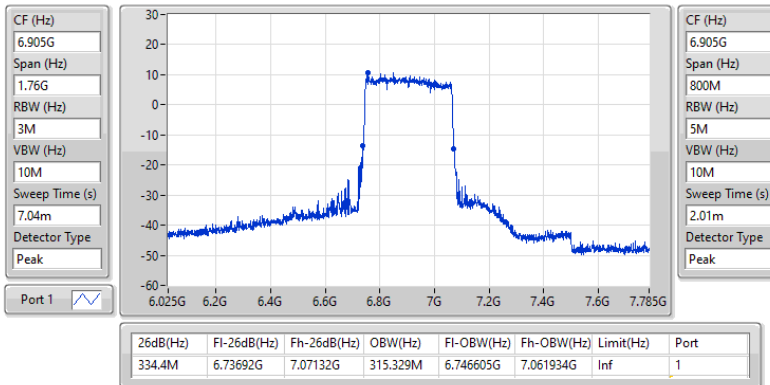

6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6745MHz

26/12/2024

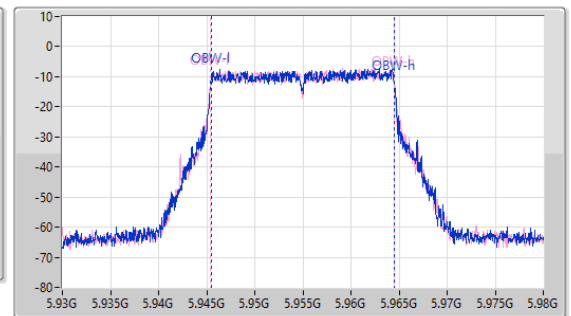
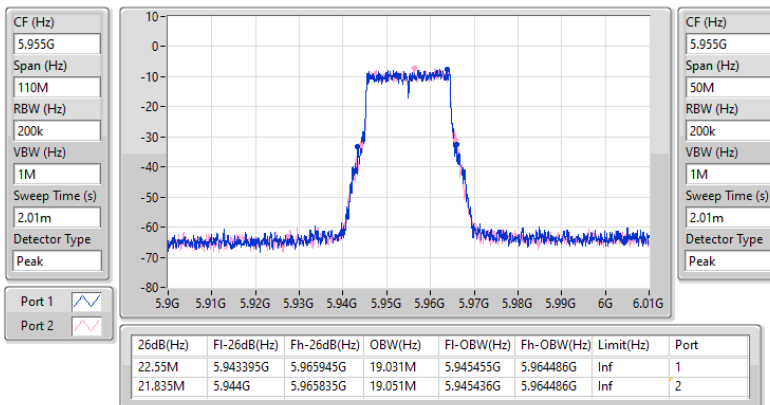


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6905MHz

26/12/2024

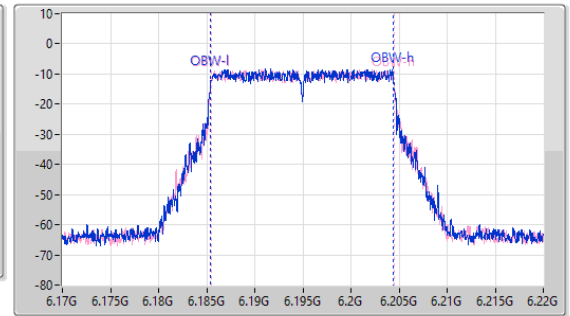
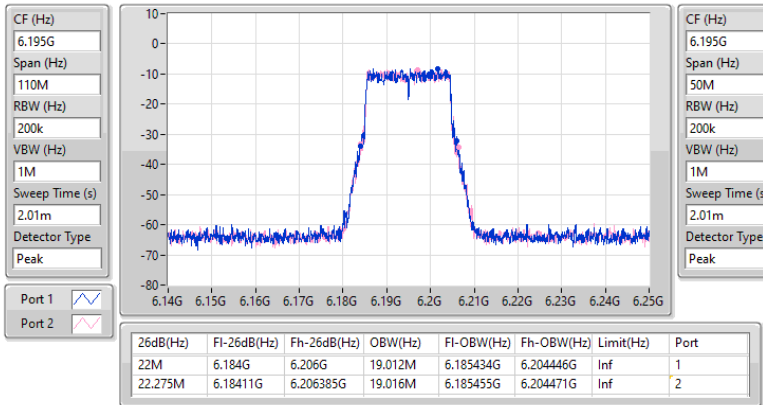

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5955MHz

26/12/2024

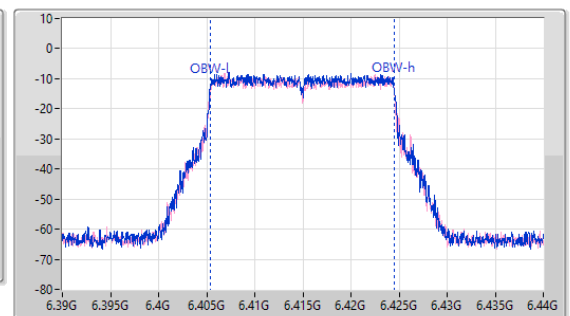
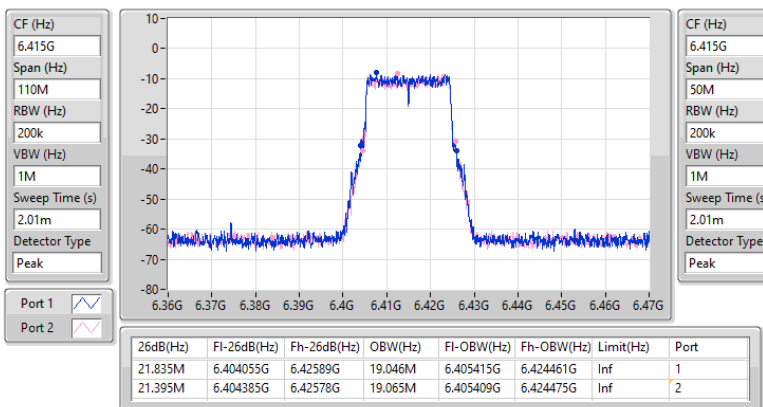


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6195MHz

26/12/2024

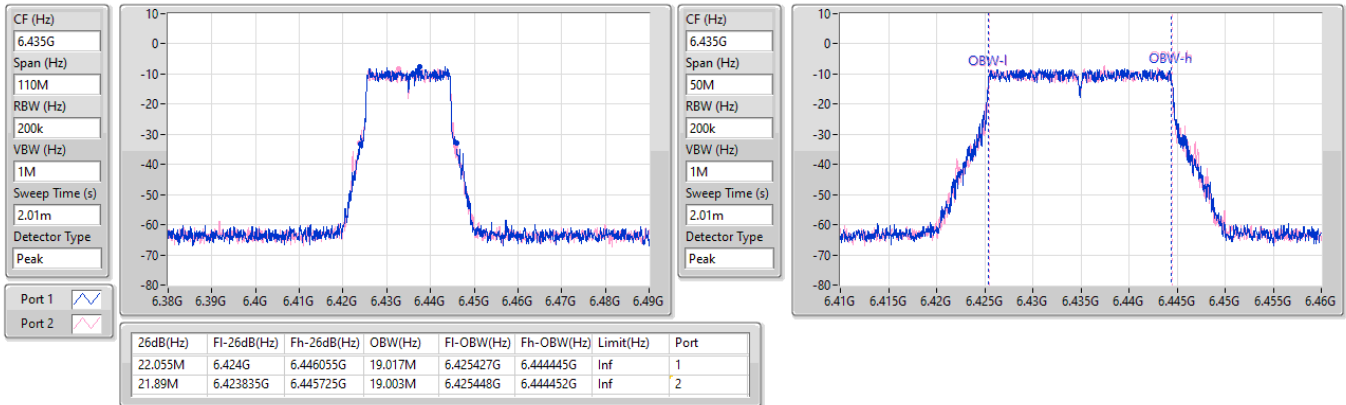

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6415MHz

26/12/2024

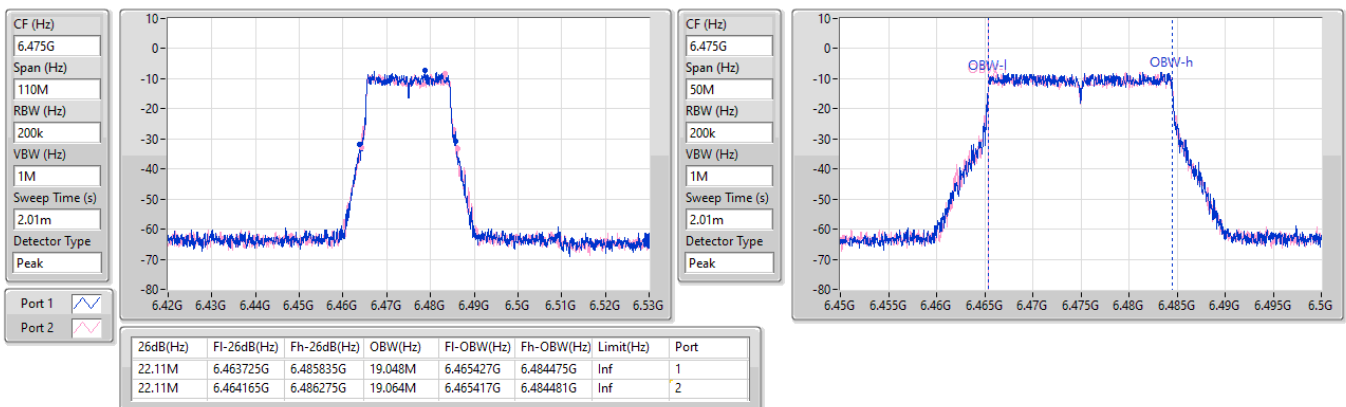


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6435MHz

26/12/2024

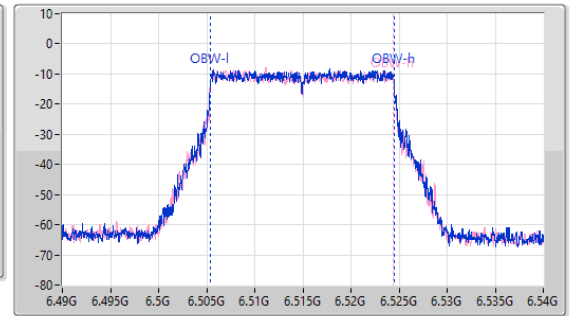
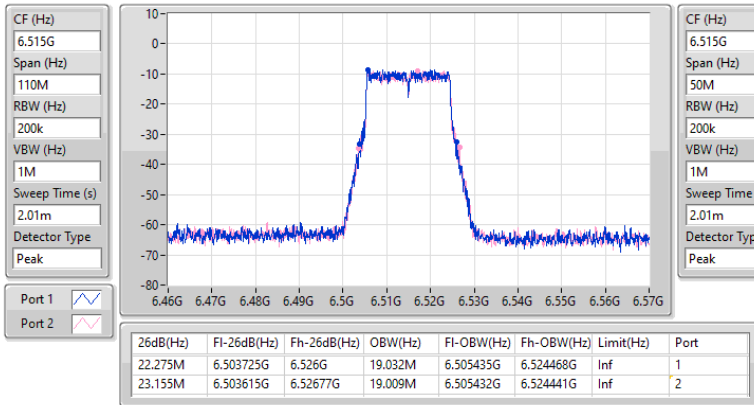

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6475MHz

26/12/2024

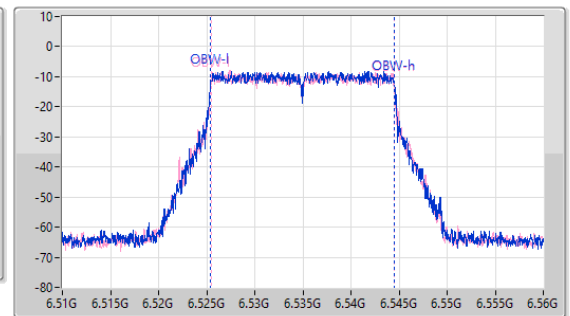
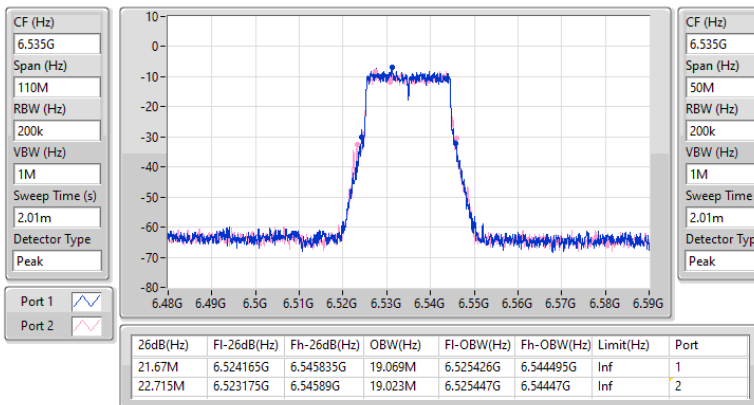


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6515MHz

26/12/2024

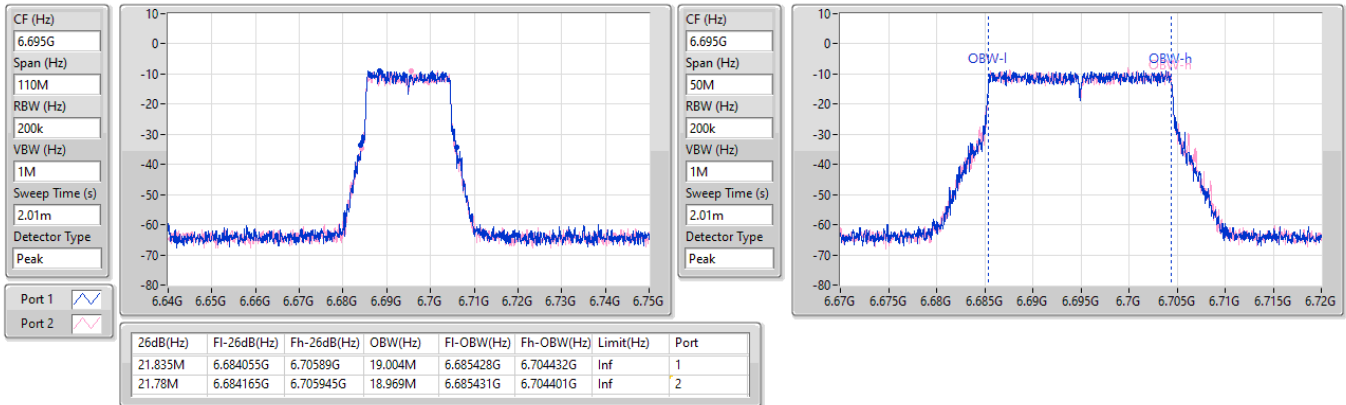

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6535MHz

26/12/2024

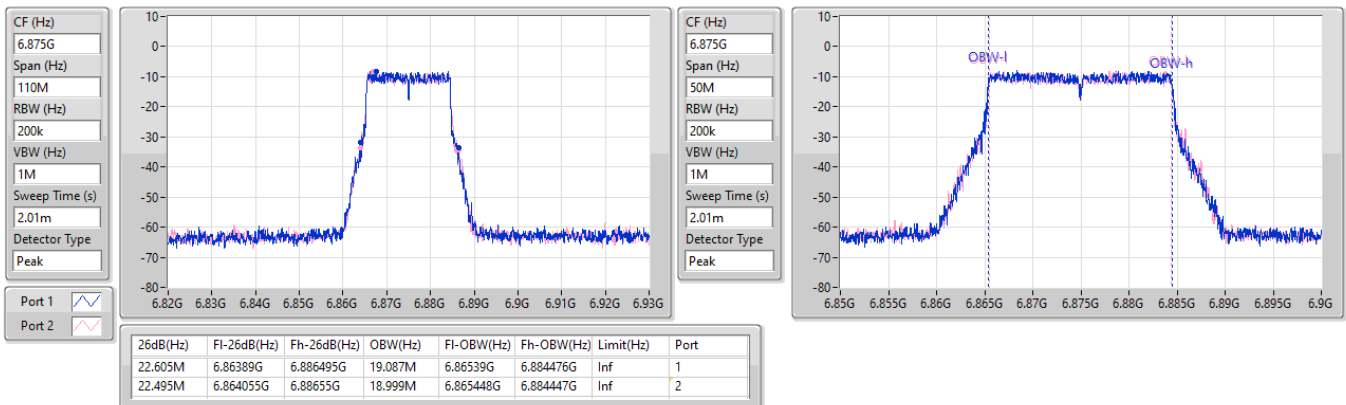


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6695MHz

26/12/2024

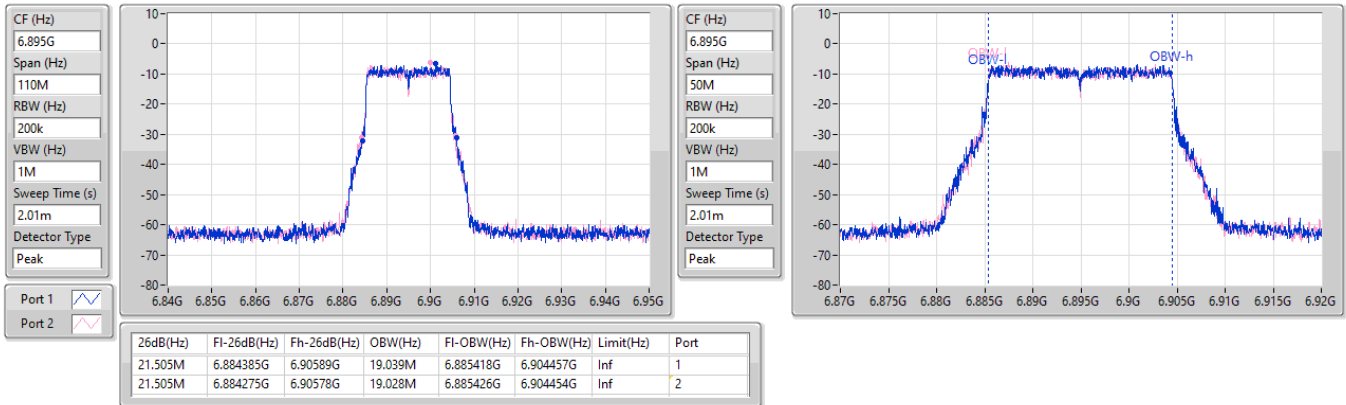

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6875MHz

26/12/2024

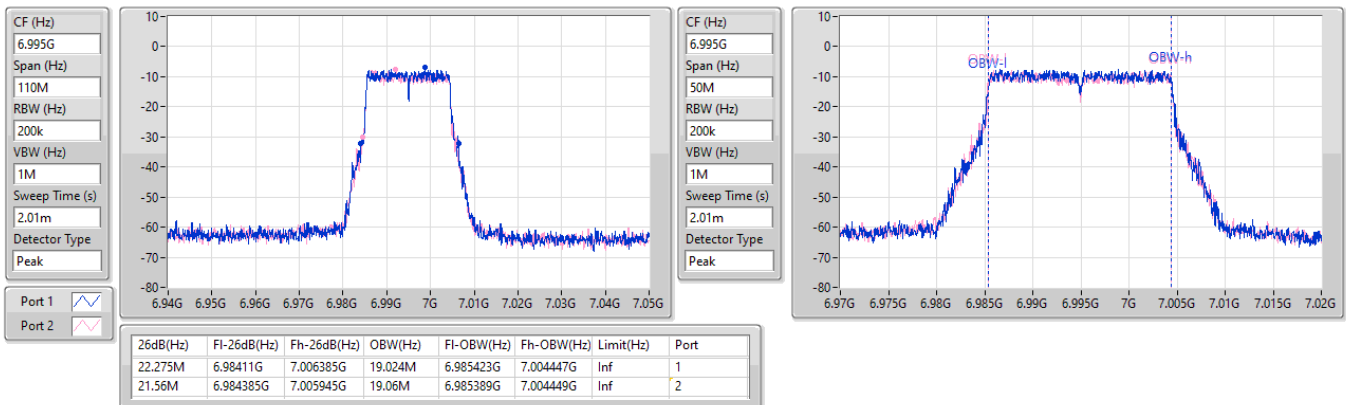


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6895MHz

26/12/2024

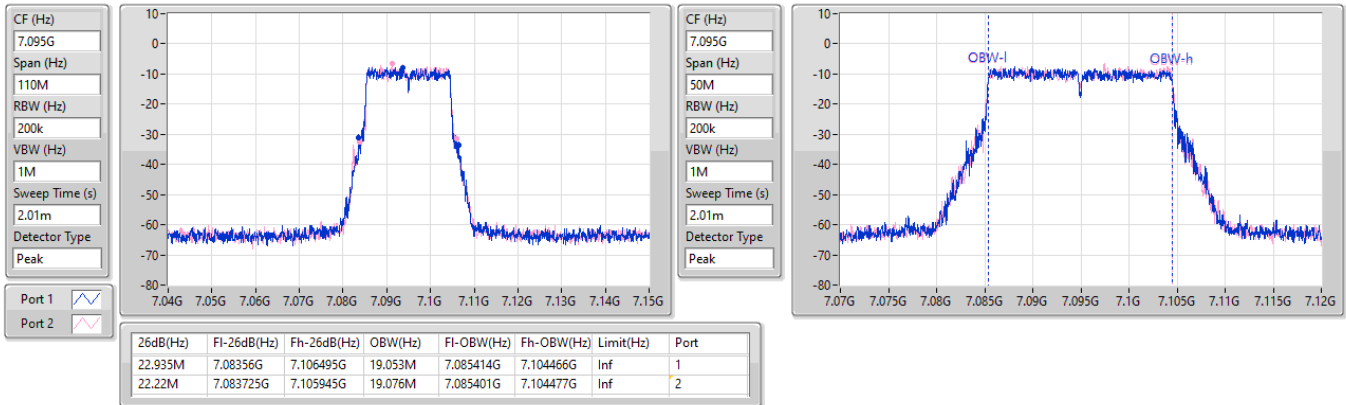

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6995MHz

26/12/2024

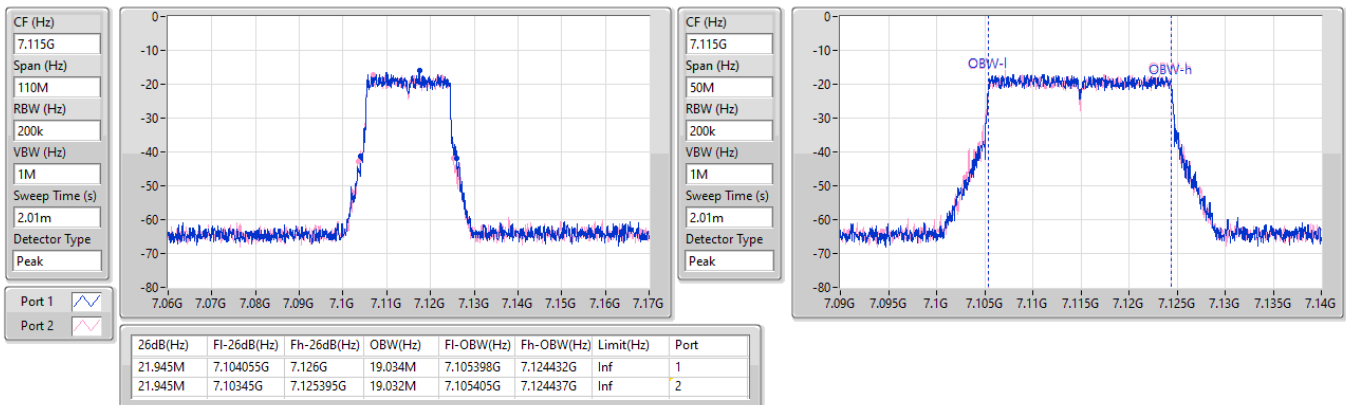


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
7095MHz

26/12/2024

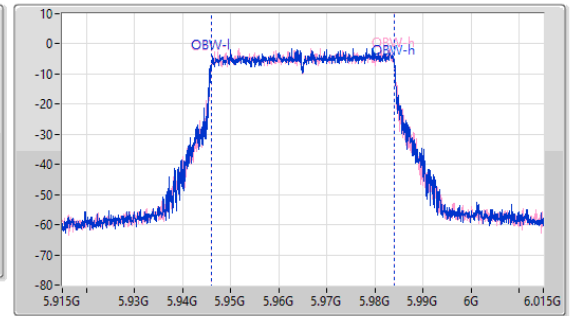
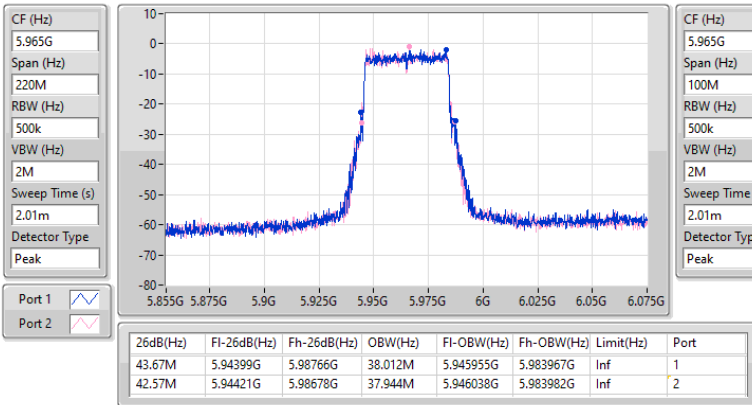

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
7115MHz

26/12/2024

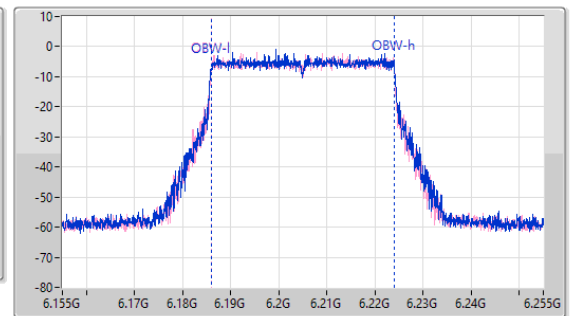
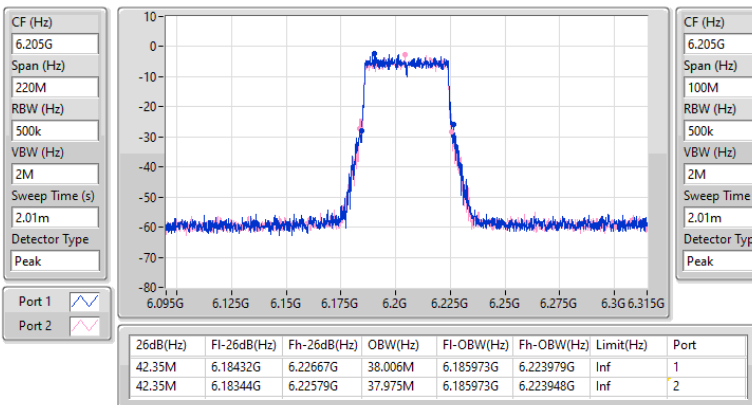


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5965MHz

26/12/2024

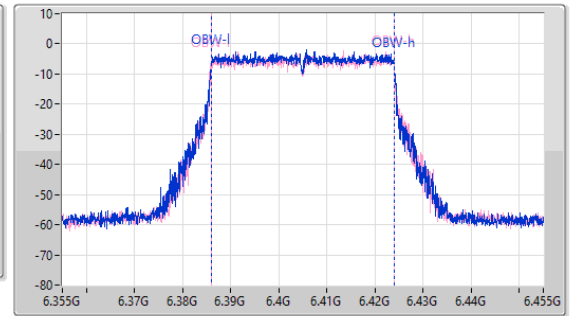
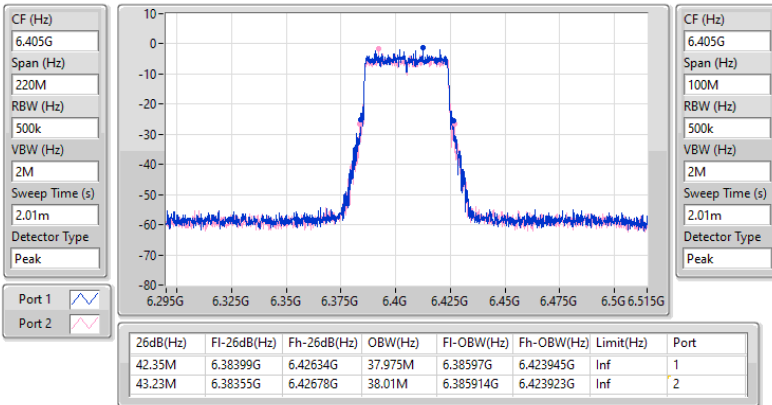

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6205MHz

26/12/2024

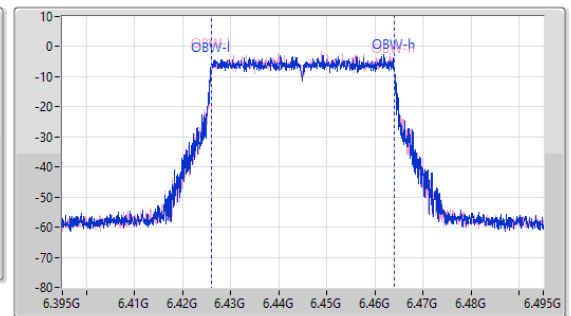
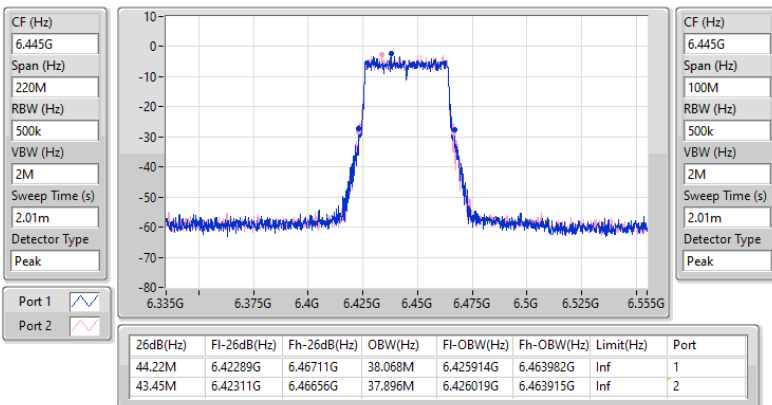


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6405MHz

26/12/2024

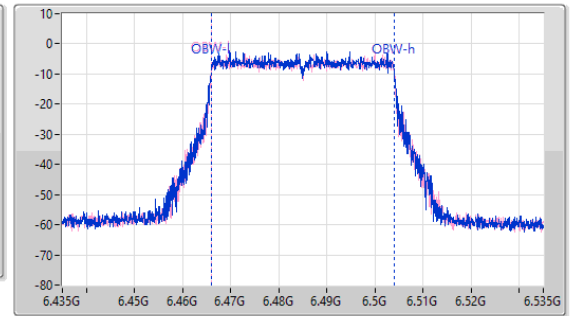
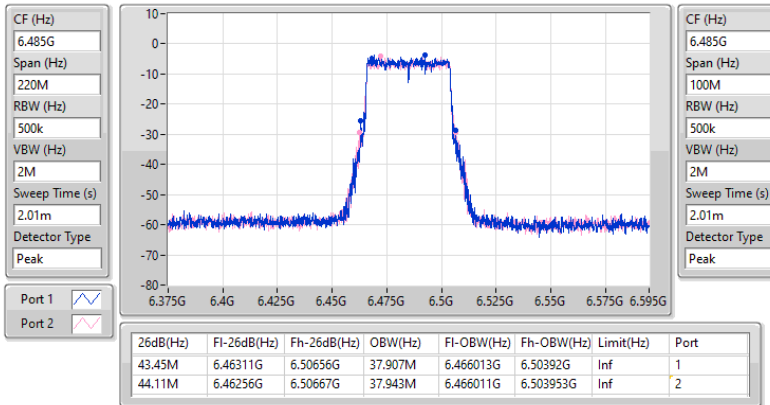

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6445MHz

26/12/2024

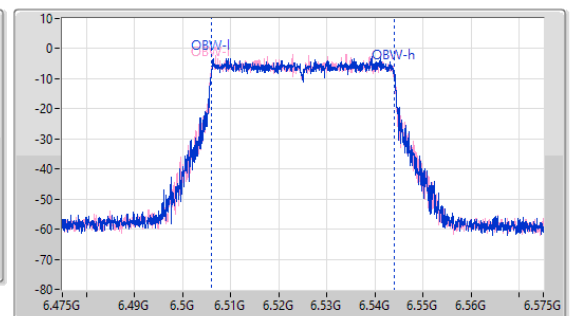
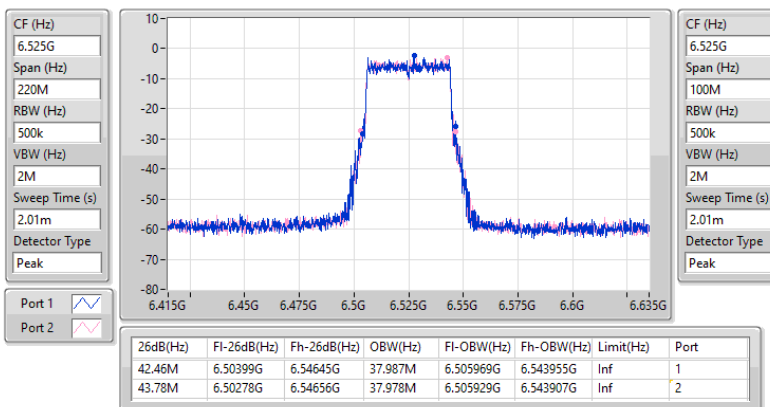


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6485MHz

26/12/2024

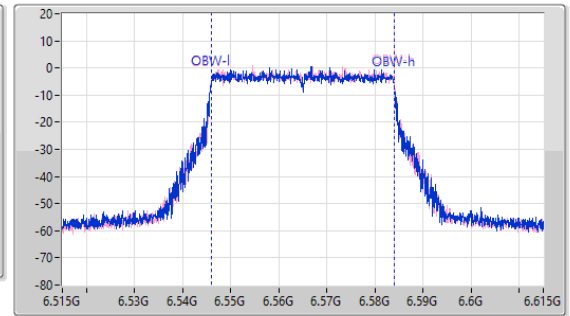
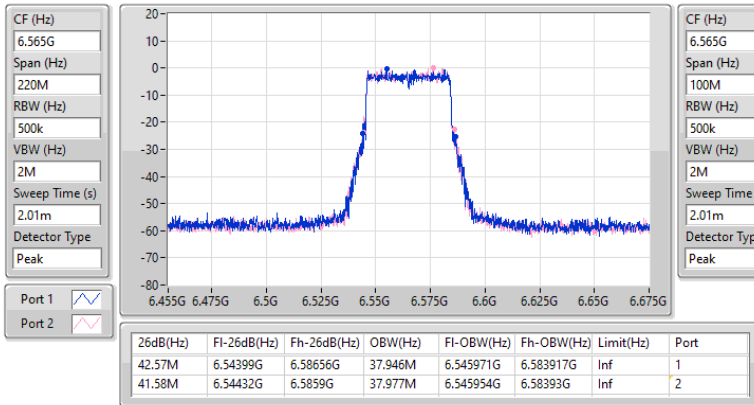

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6525MHz

26/12/2024

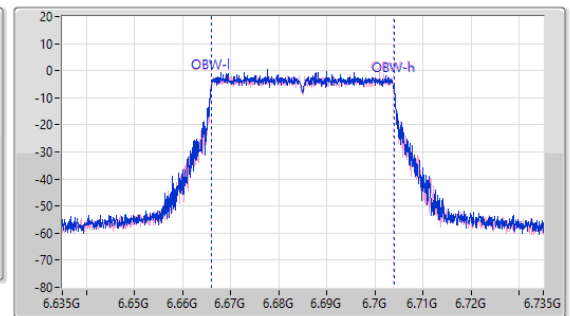
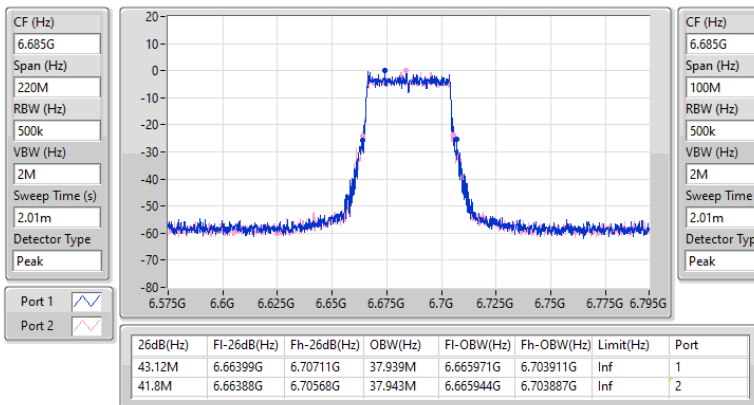


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6565MHz

26/12/2024

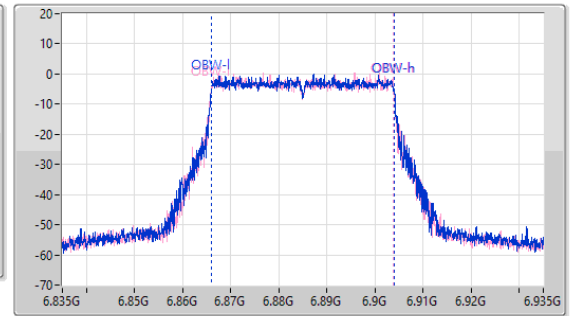
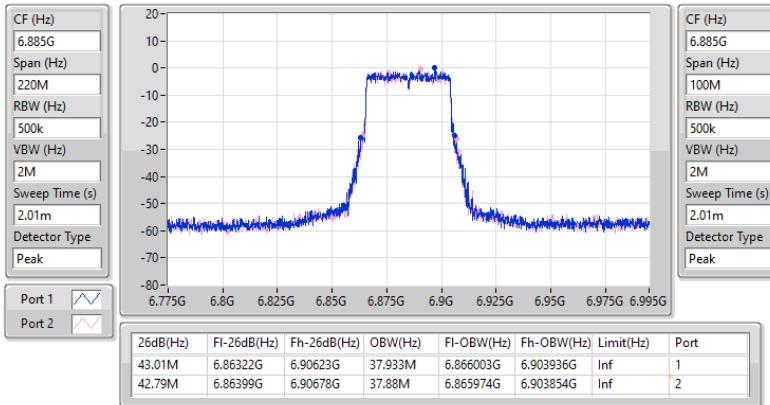

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6685MHz

26/12/2024

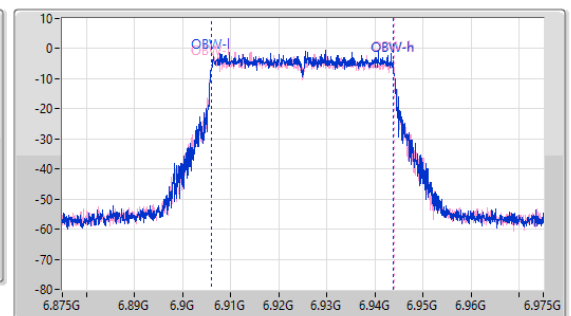
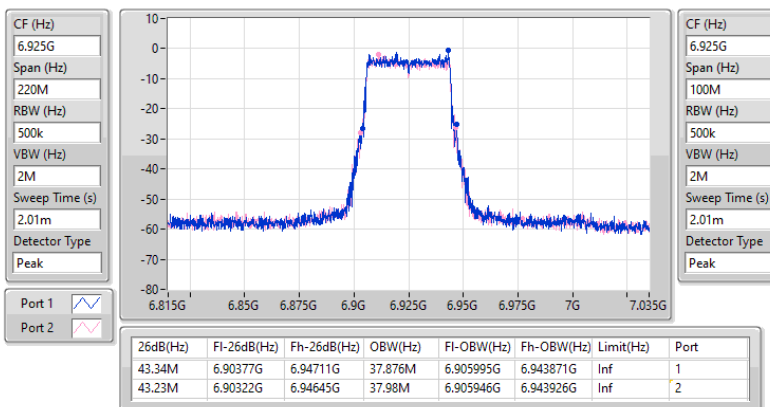


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6885MHz

26/12/2024

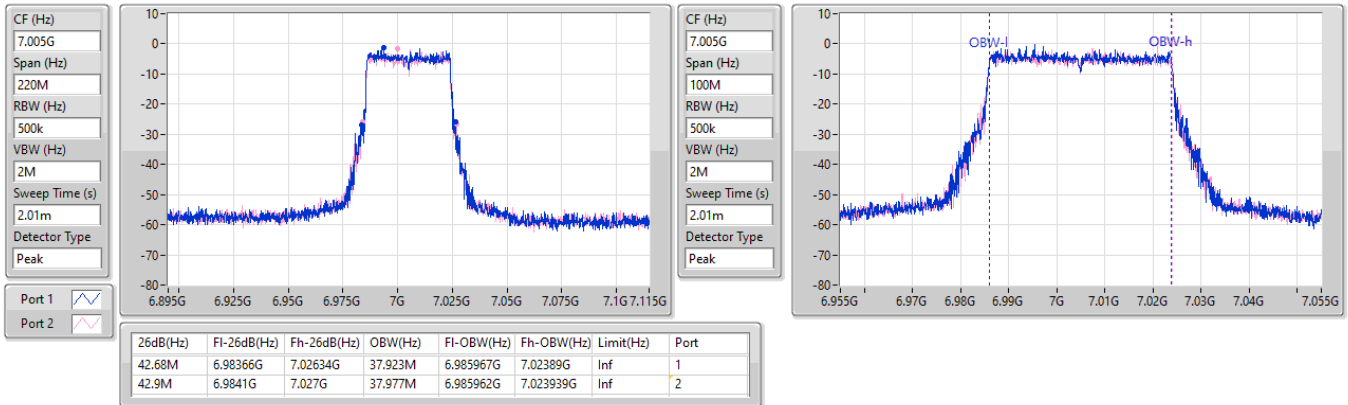

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6925MHz

26/12/2024

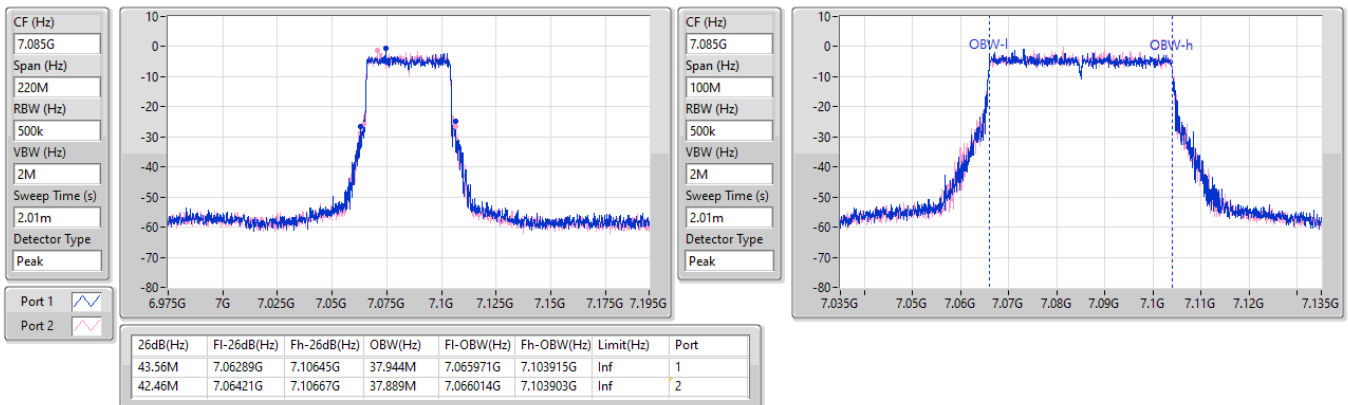


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
7005MHz

26/12/2024

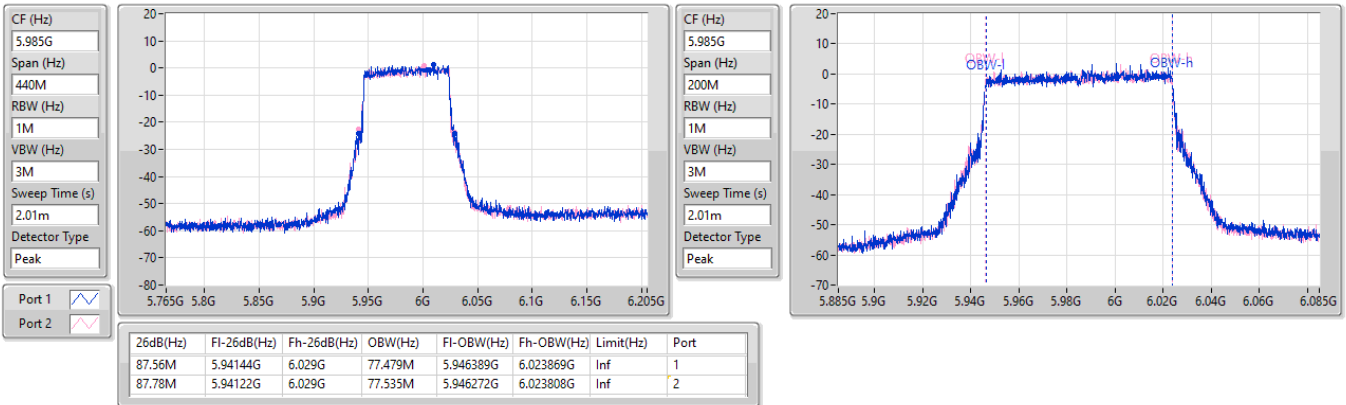

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
7085MHz

27/12/2024

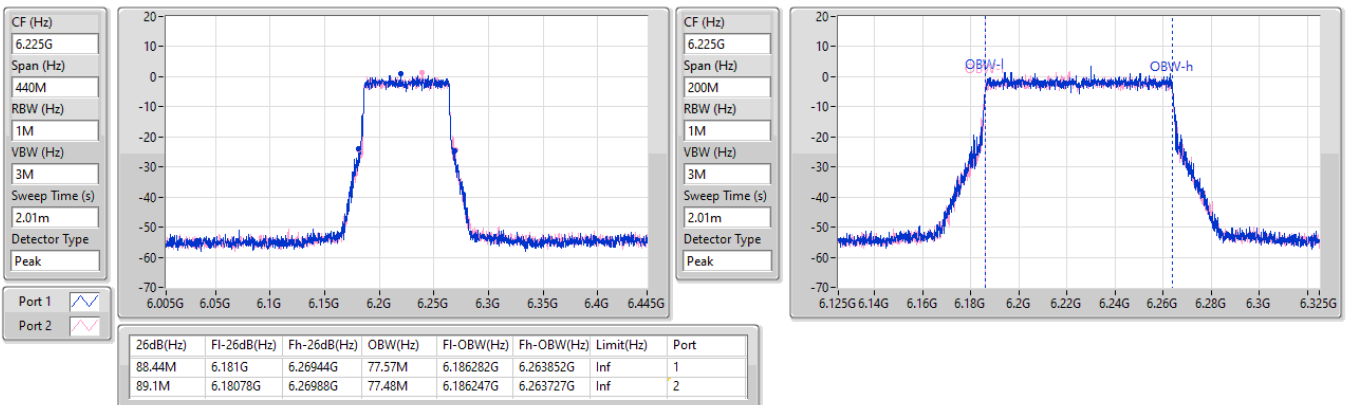


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5985MHz

27/12/2024

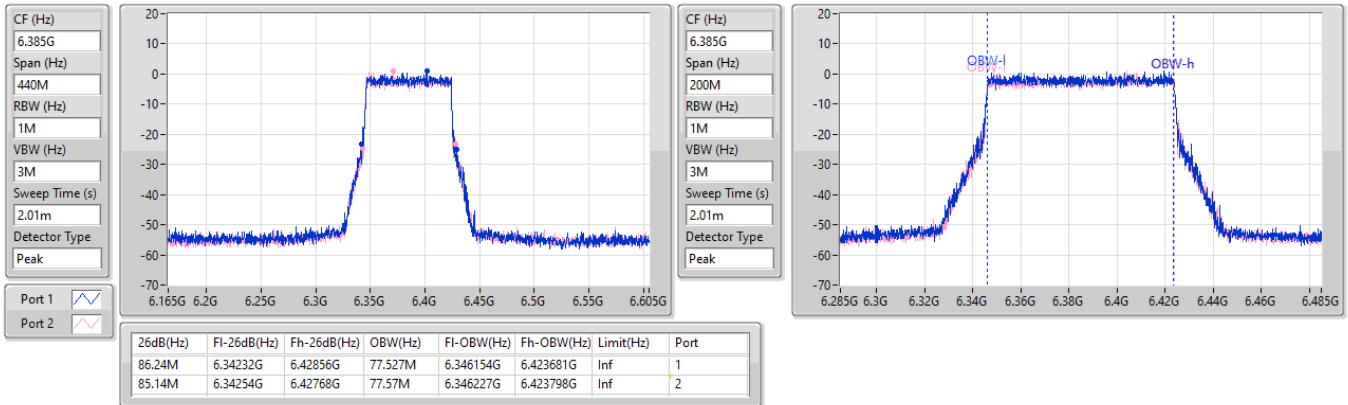

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6225MHz

27/12/2024

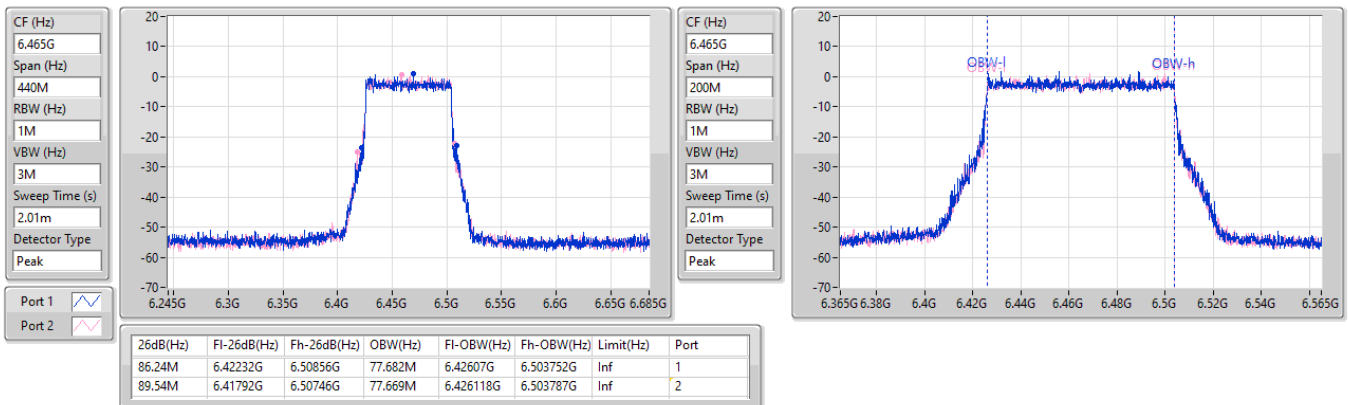


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6385MHz

27/12/2024

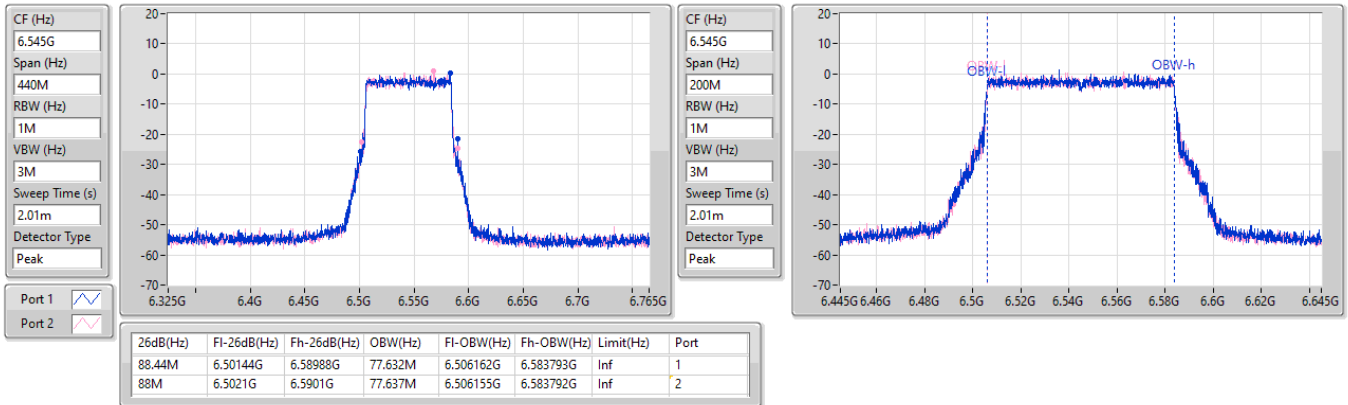

6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6465MHz

27/12/2024

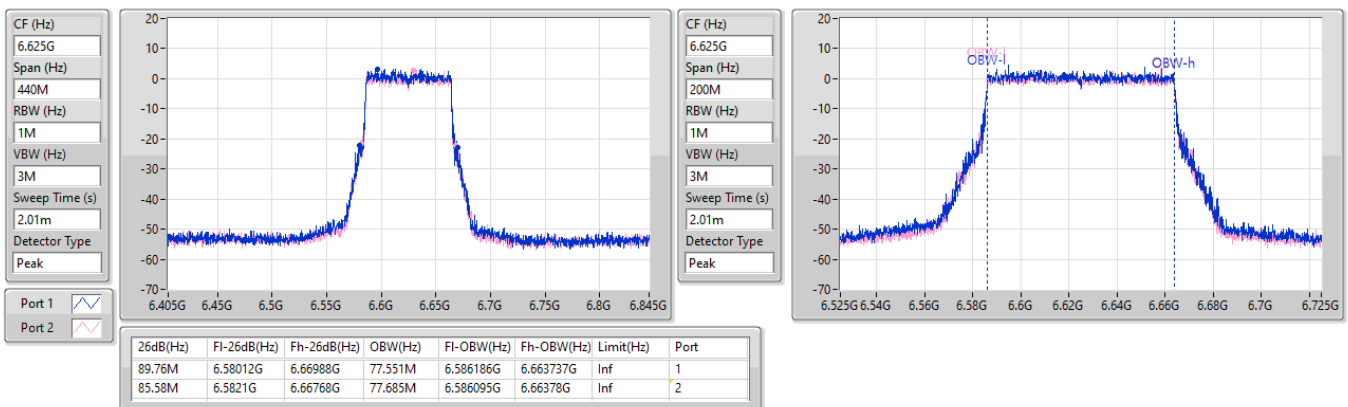


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6545MHz

27/12/2024

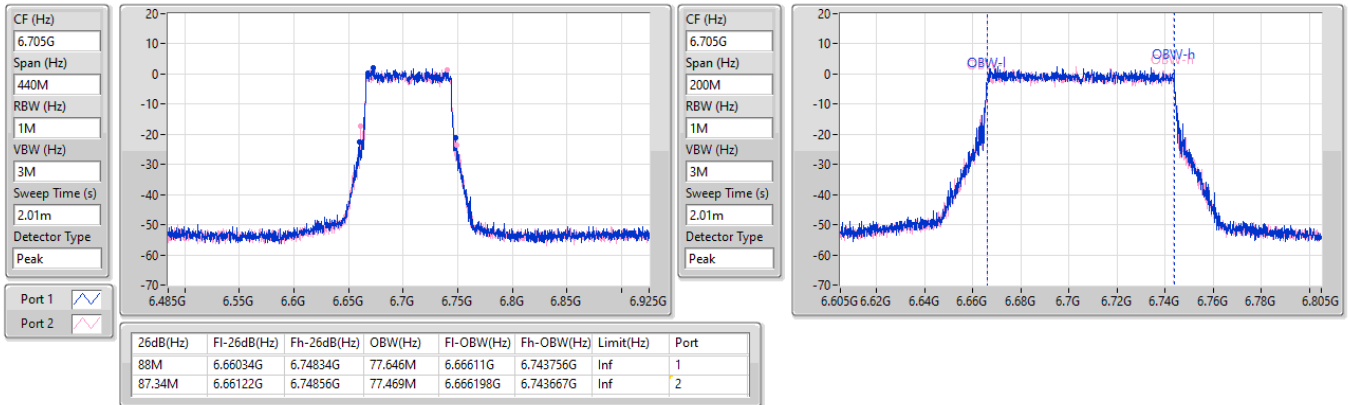

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6625MHz

27/12/2024

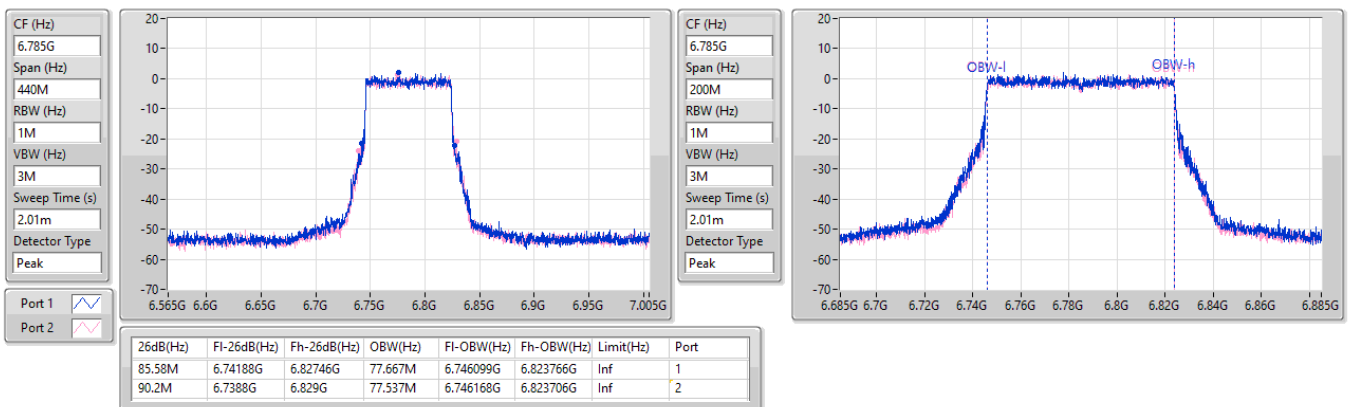


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6705MHz

27/12/2024

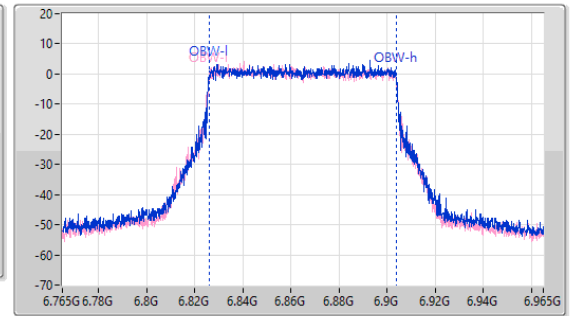
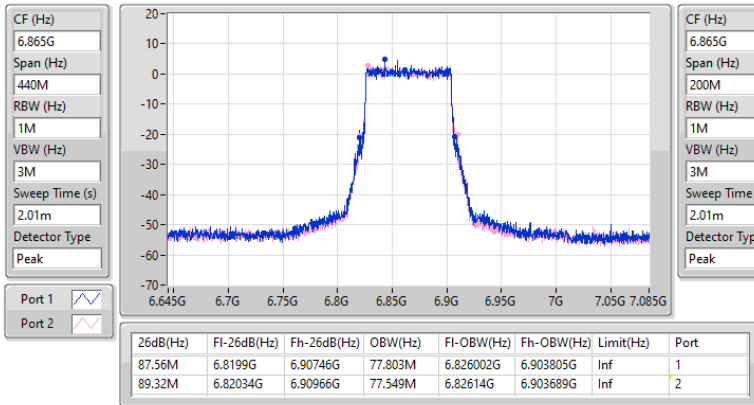

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6785MHz

27/12/2024

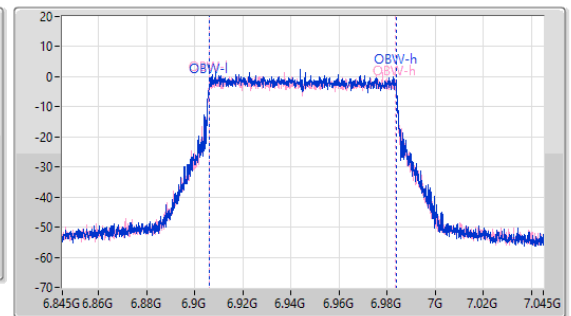
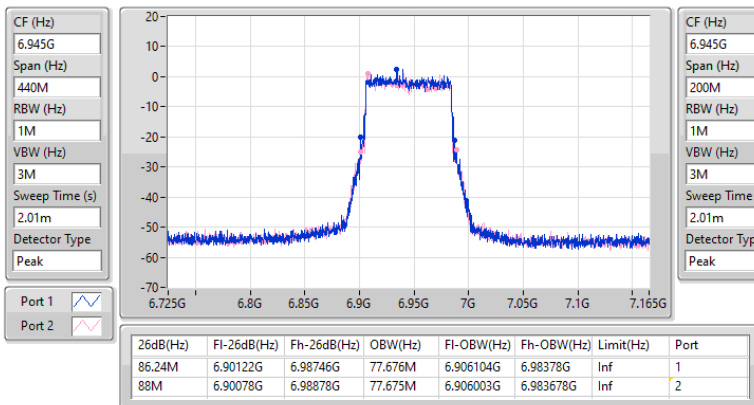


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6865MHz

27/12/2024

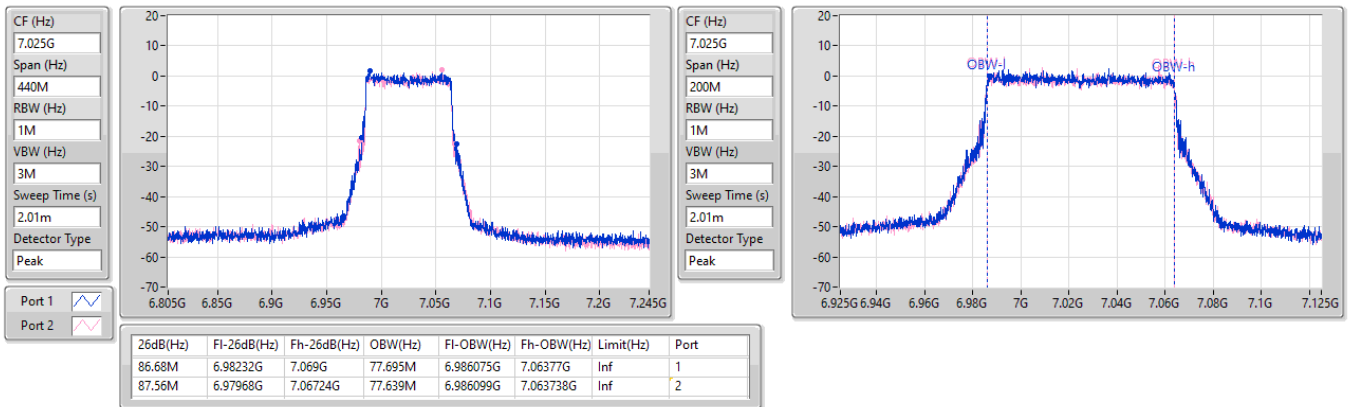

6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6945MHz

27/12/2024

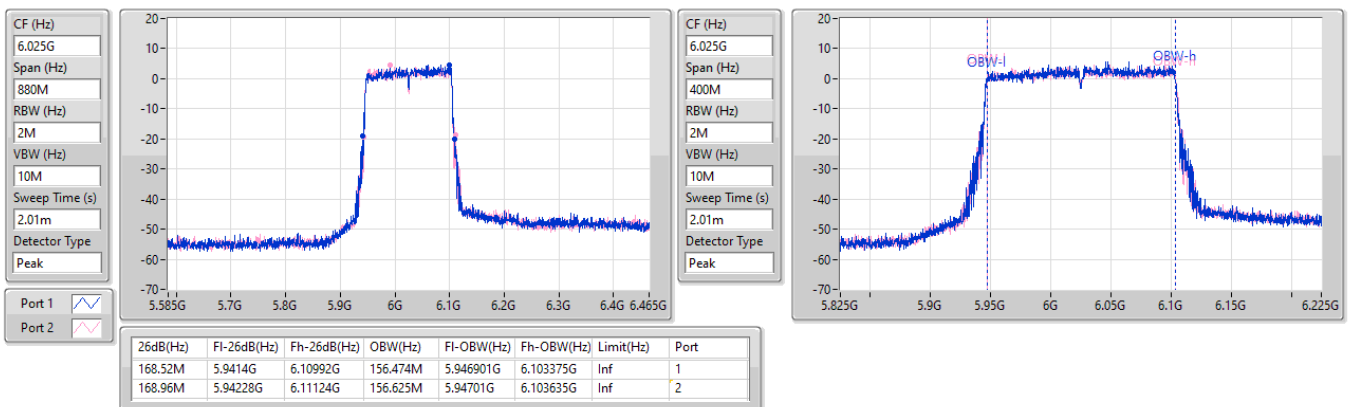


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
7025MHz

27/12/2024

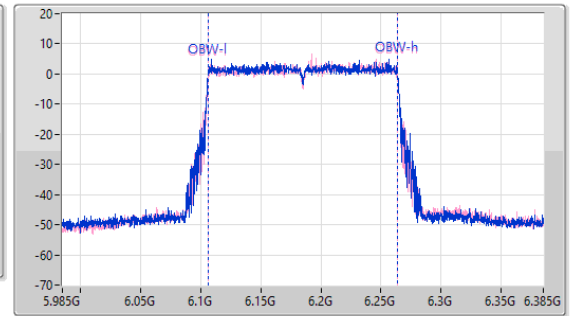
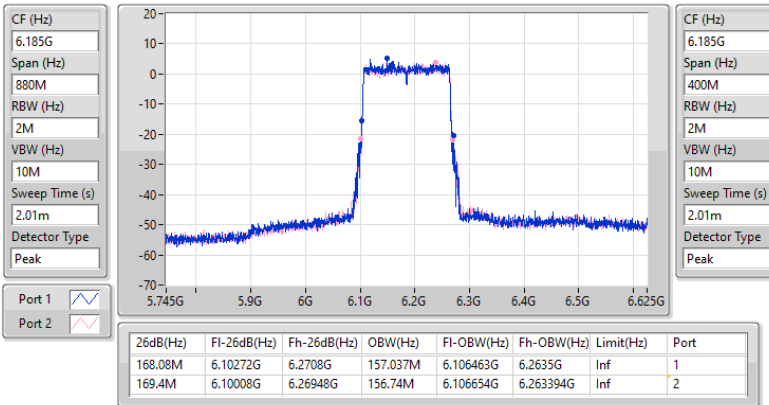

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6025MHz

27/12/2024

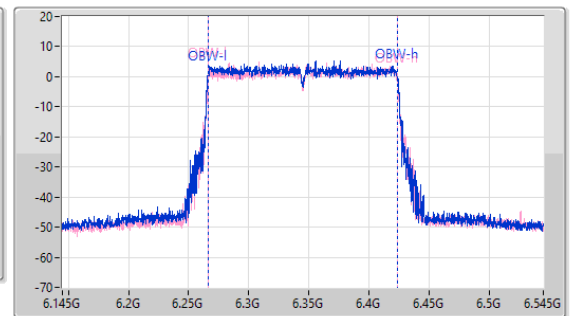
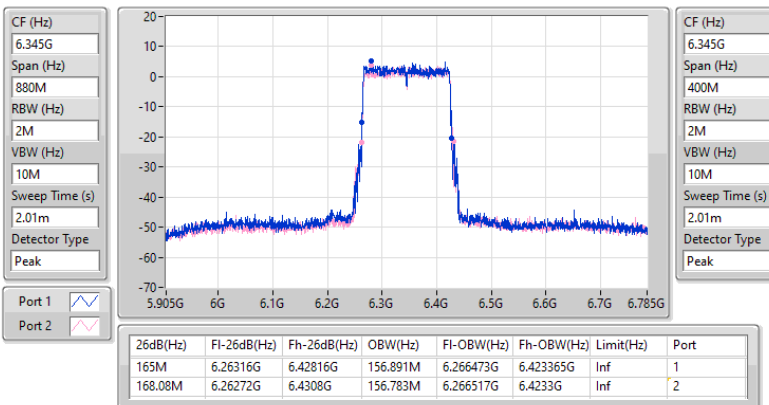


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6185MHz

27/12/2024

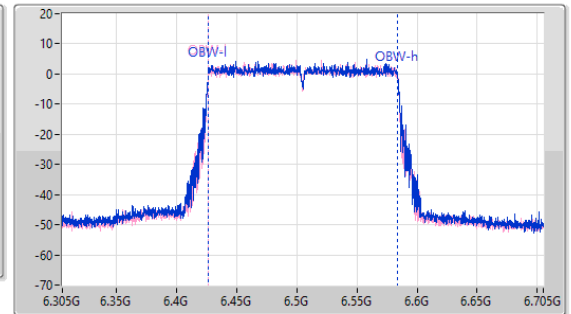
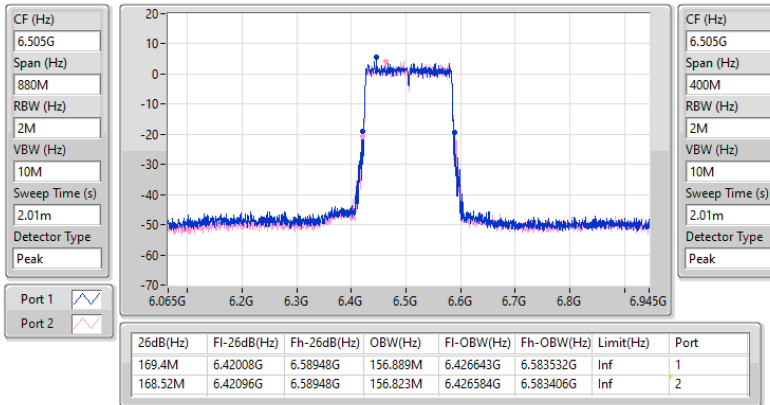

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6345MHz

27/12/2024

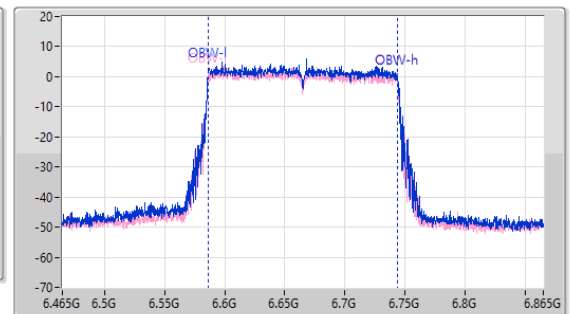
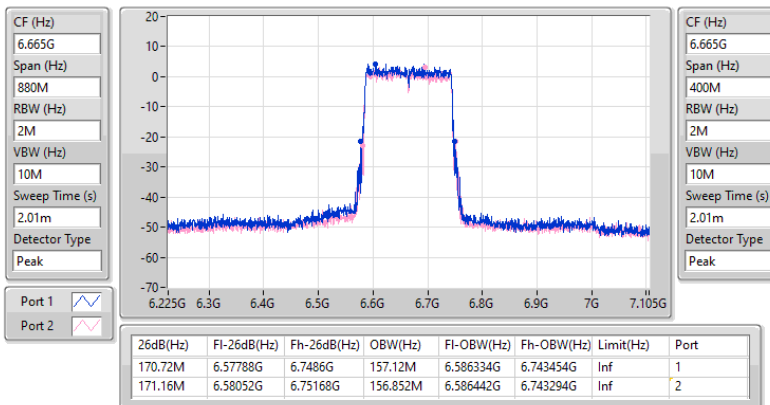


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6505MHz

27/12/2024

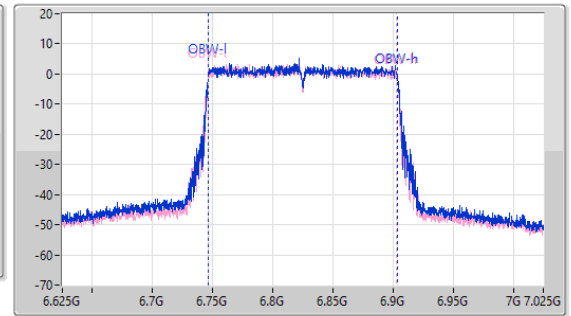
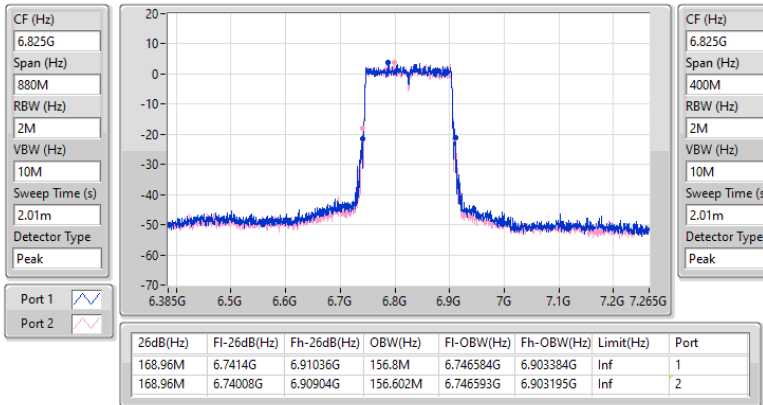

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6665MHz

27/12/2024

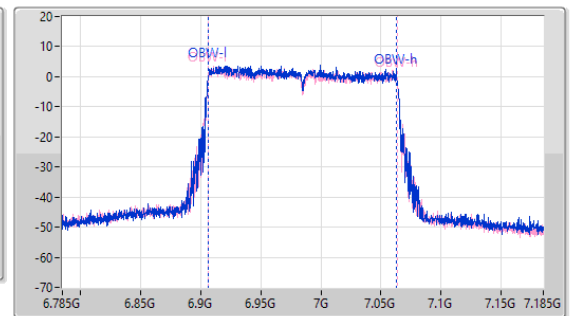
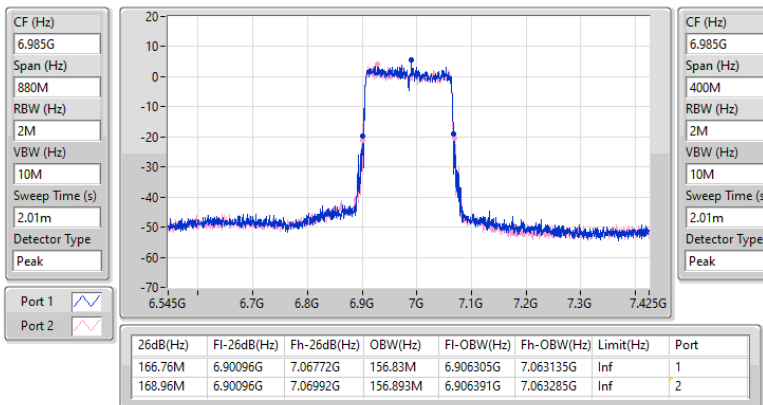


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6825MHz

27/12/2024

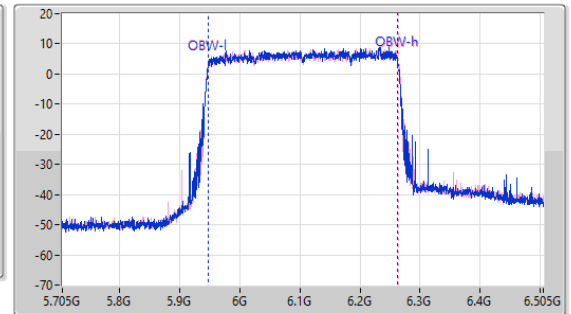
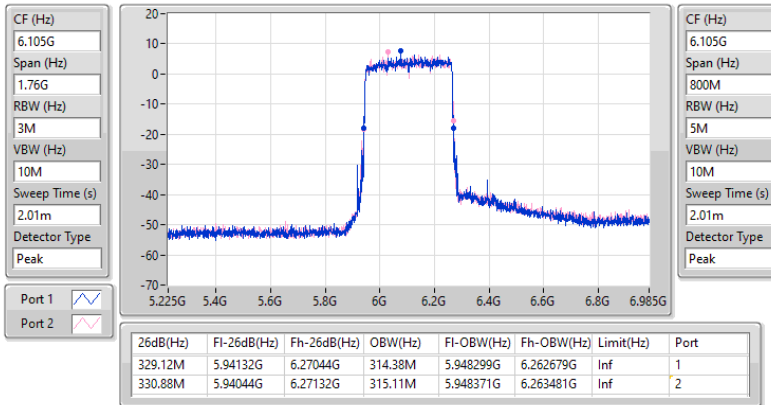

6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6985MHz

27/12/2024

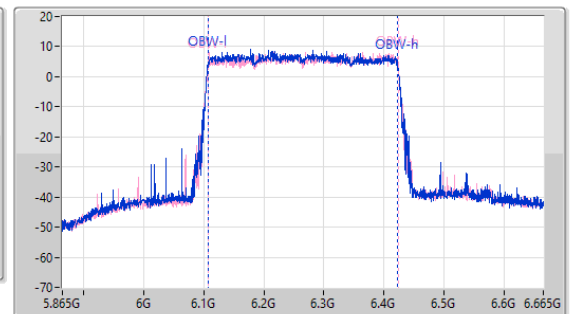
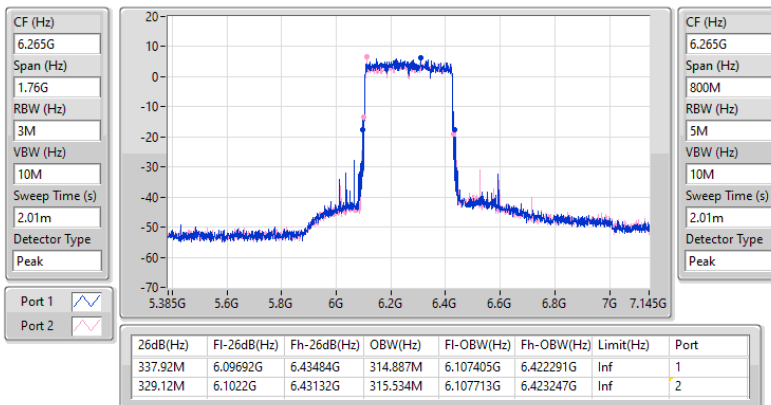


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6105MHz

27/12/2024

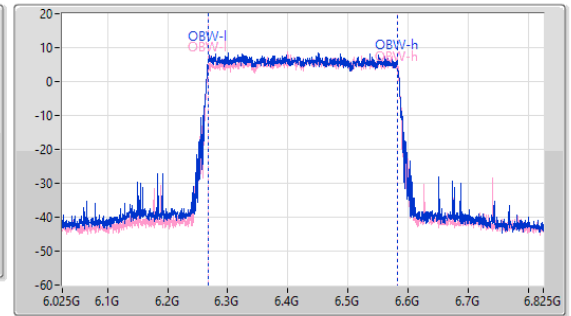
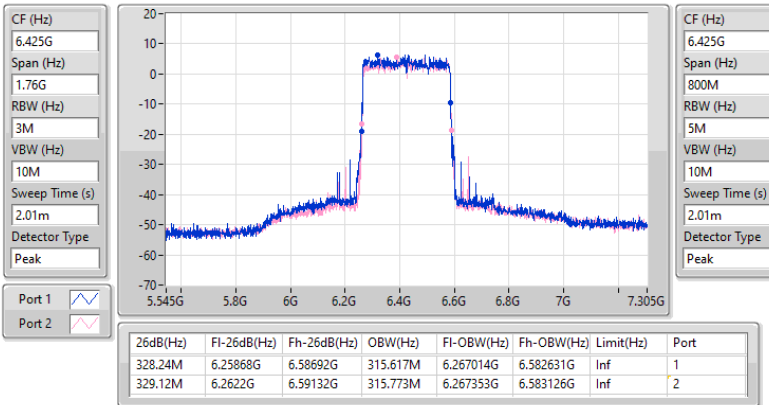

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6265MHz

27/12/2024

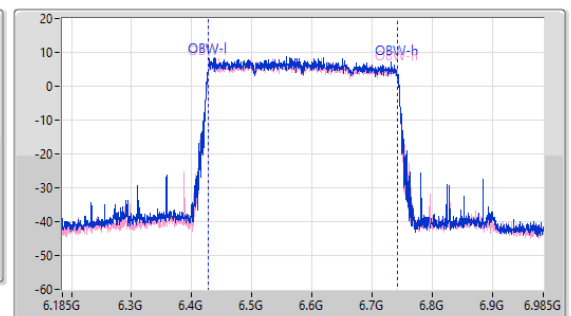
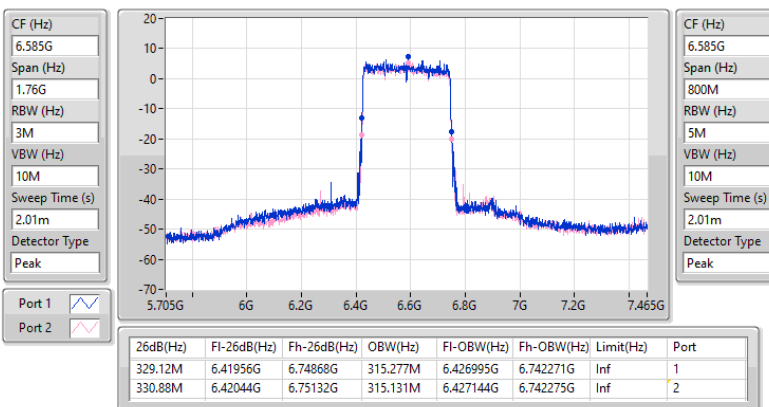


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6425MHz

27/12/2024

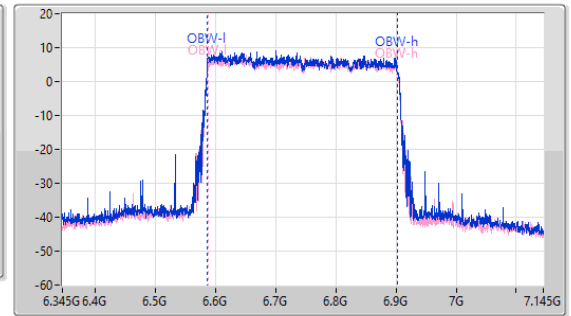
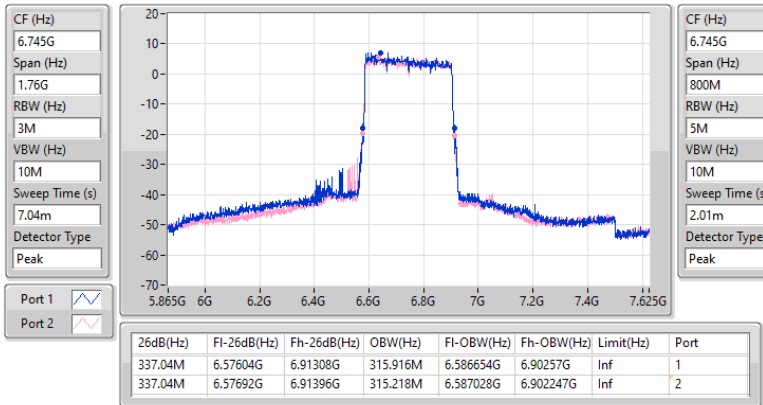

6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6585MHz

27/12/2024

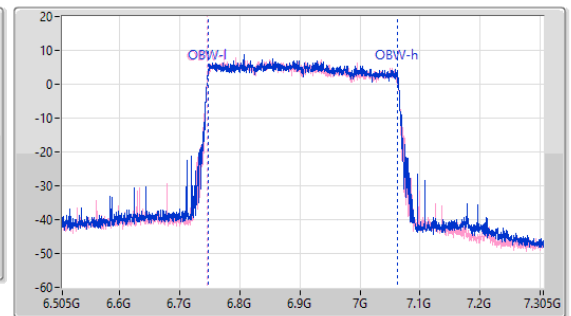
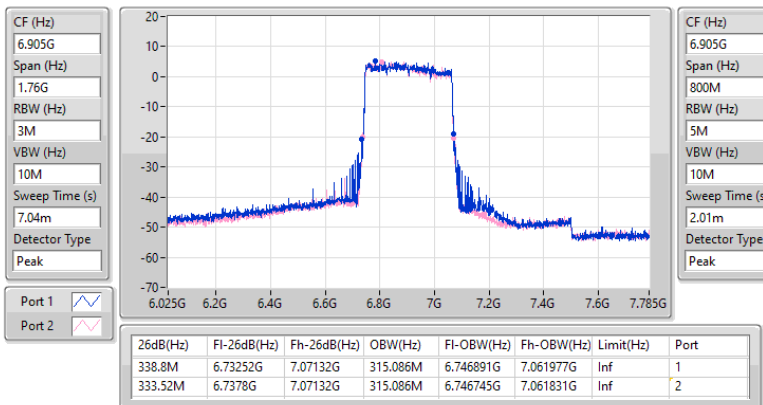


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6745MHz

27/12/2024

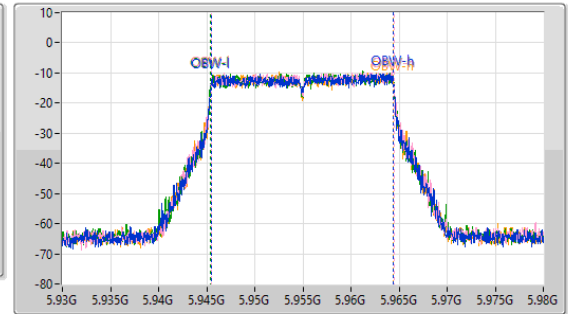
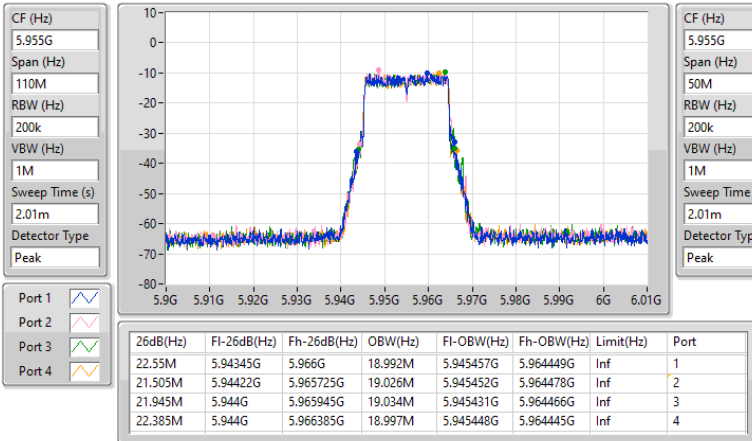

6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6905MHz

27/12/2024

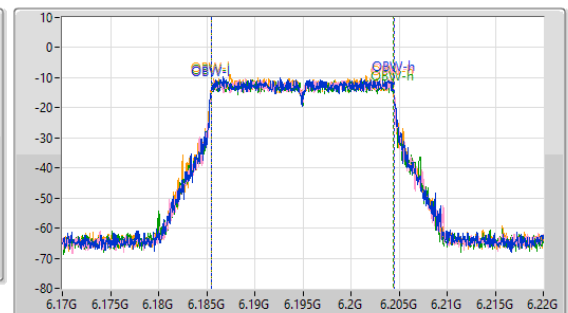
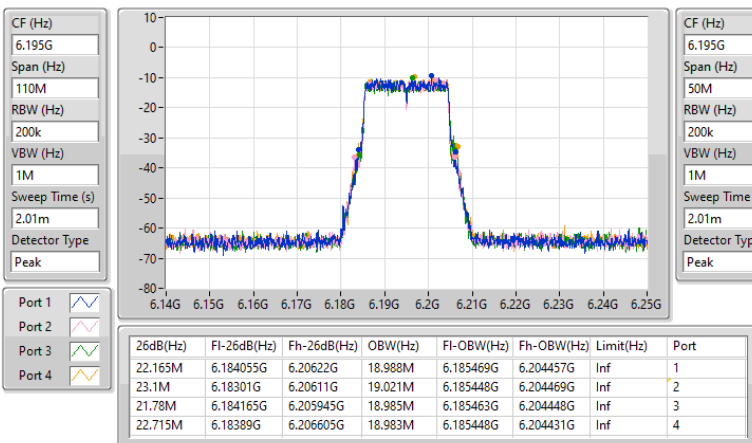


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5955MHz

27/12/2024

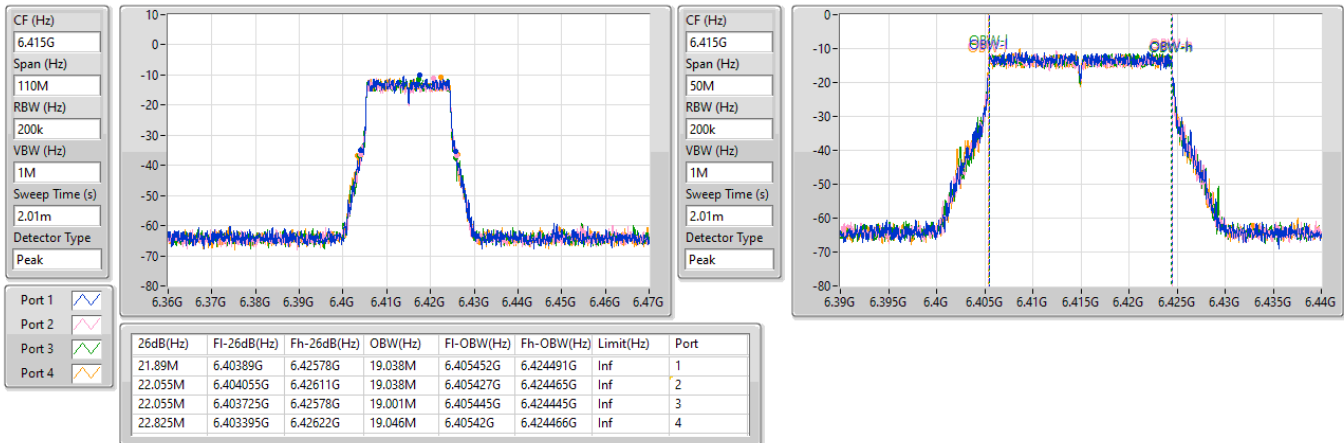

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6195MHz

27/12/2024

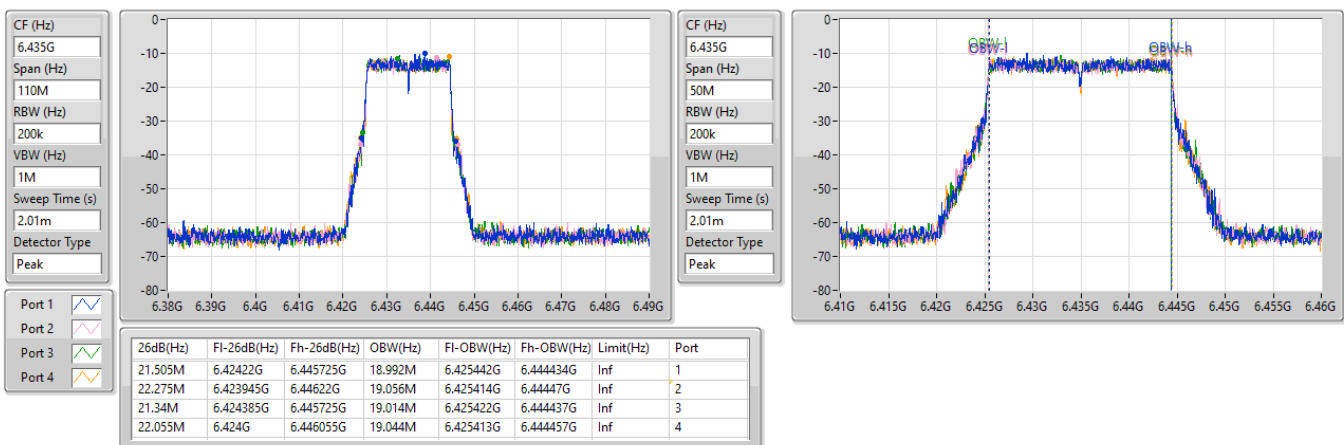


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

27/12/2024

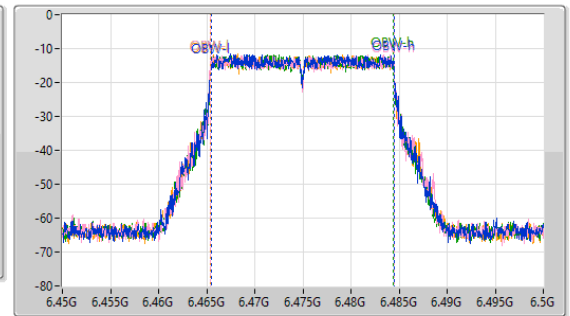
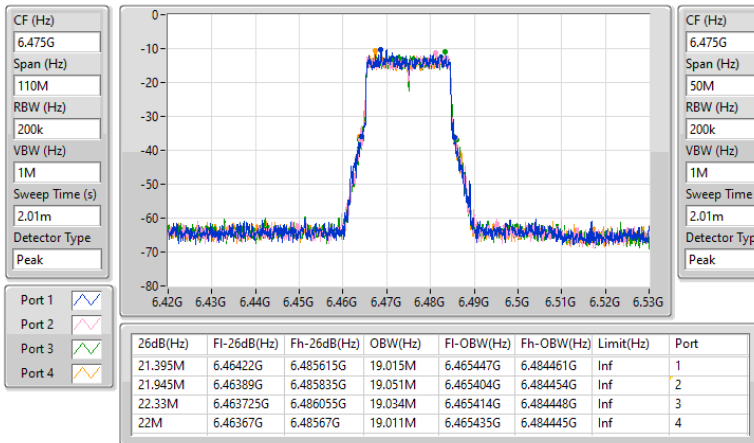

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6435MHz

27/12/2024

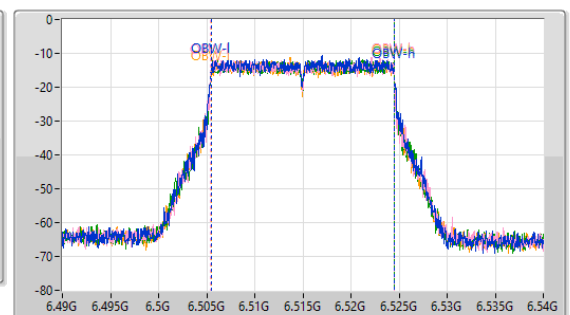
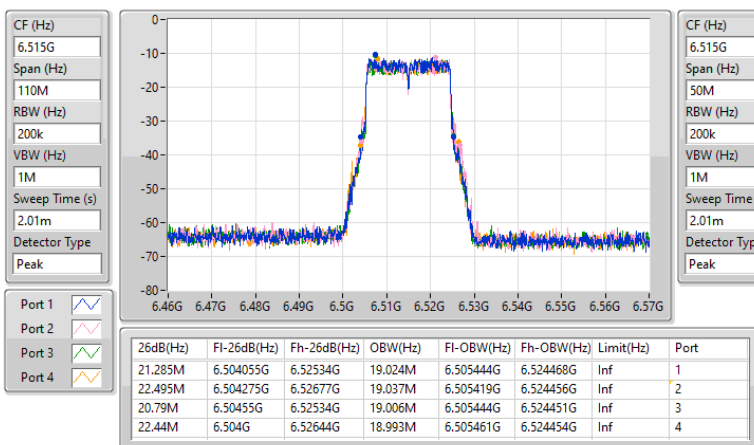


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6475MHz

27/12/2024

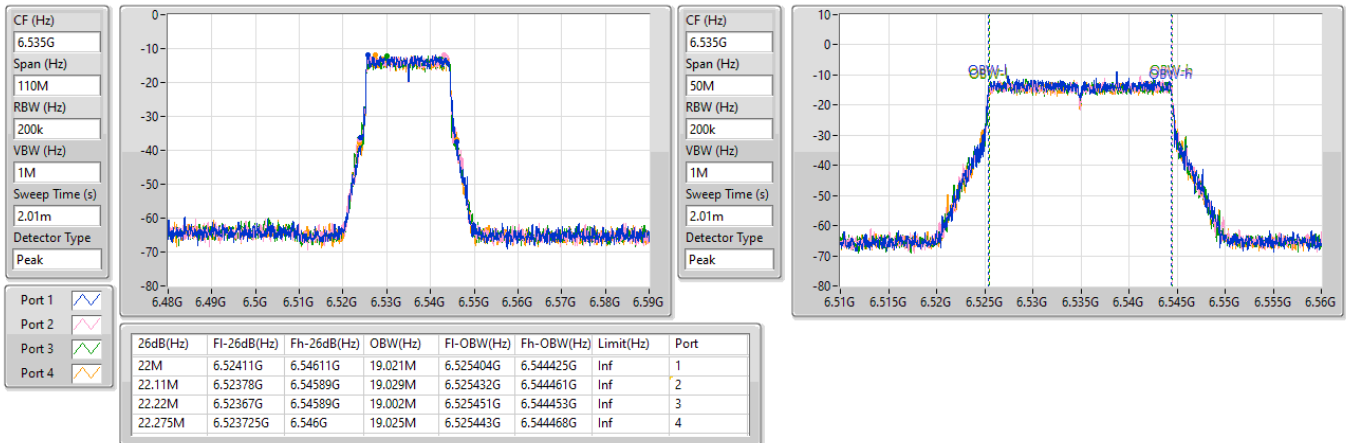

6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6515MHz

27/12/2024

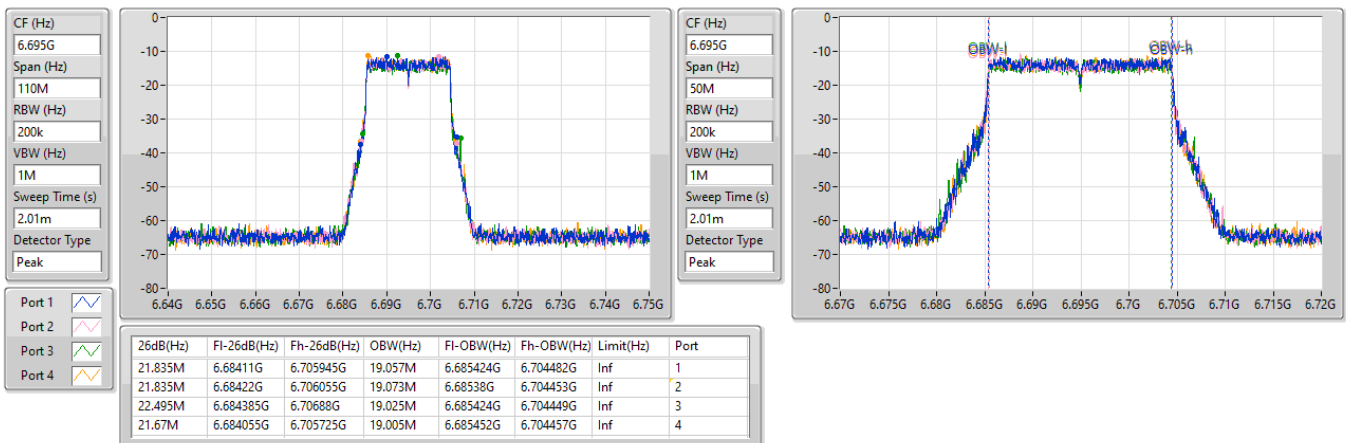


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

27/12/2024

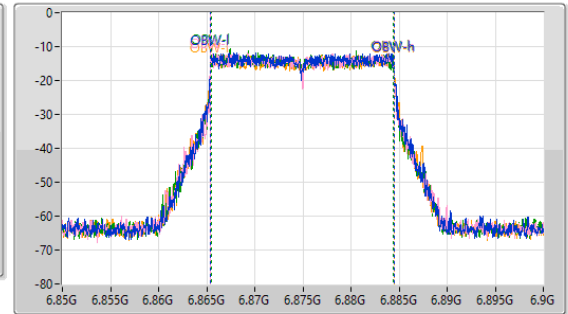
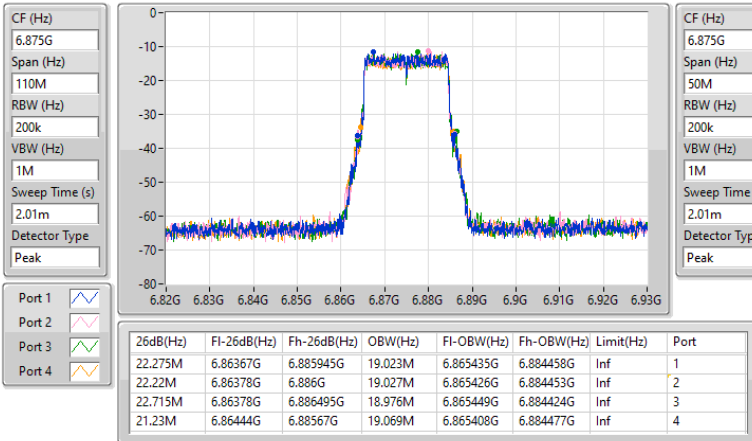

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6695MHz

27/12/2024

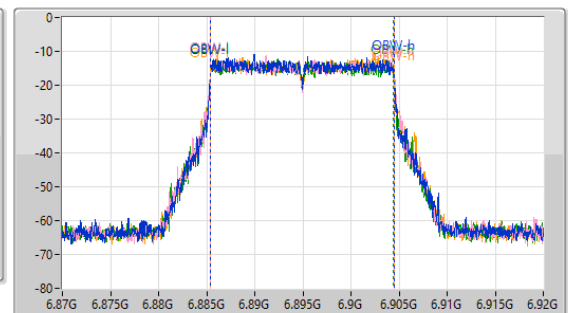
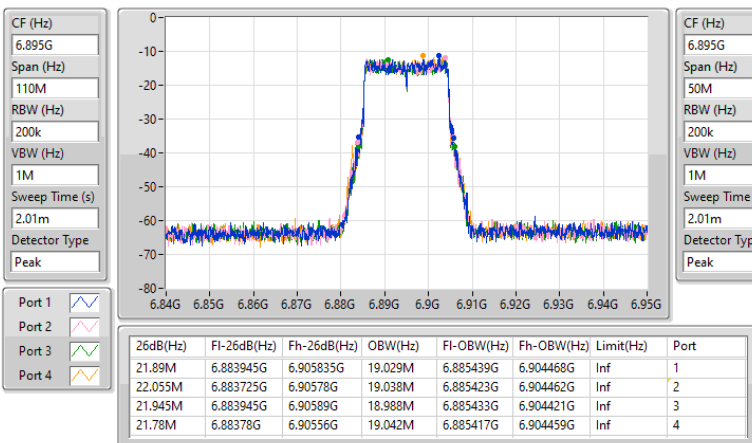


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6875MHz

27/12/2024

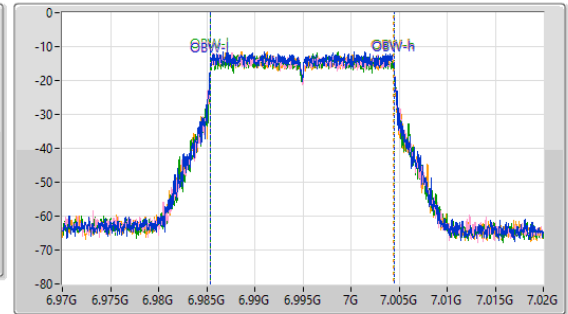
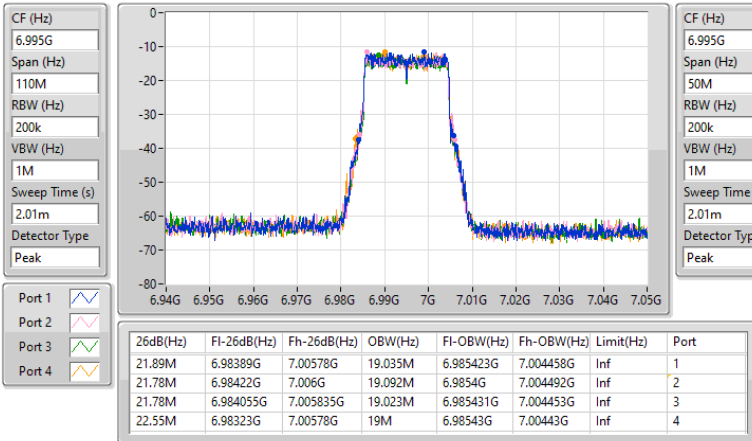

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6895MHz

27/12/2024

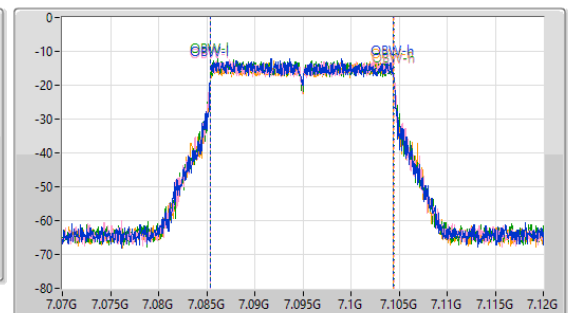
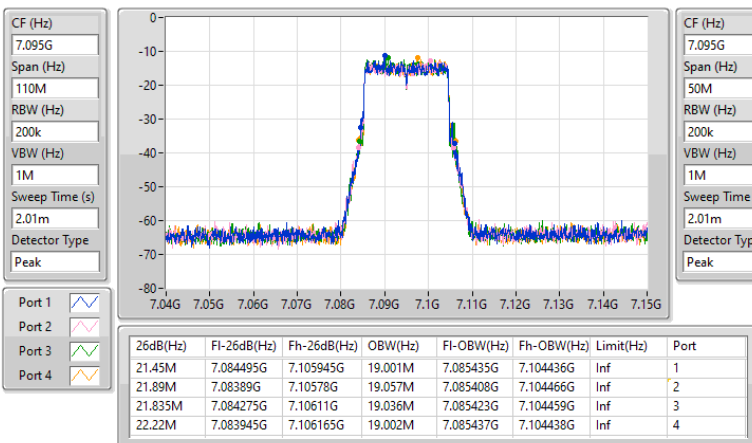


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6995MHz

27/12/2024

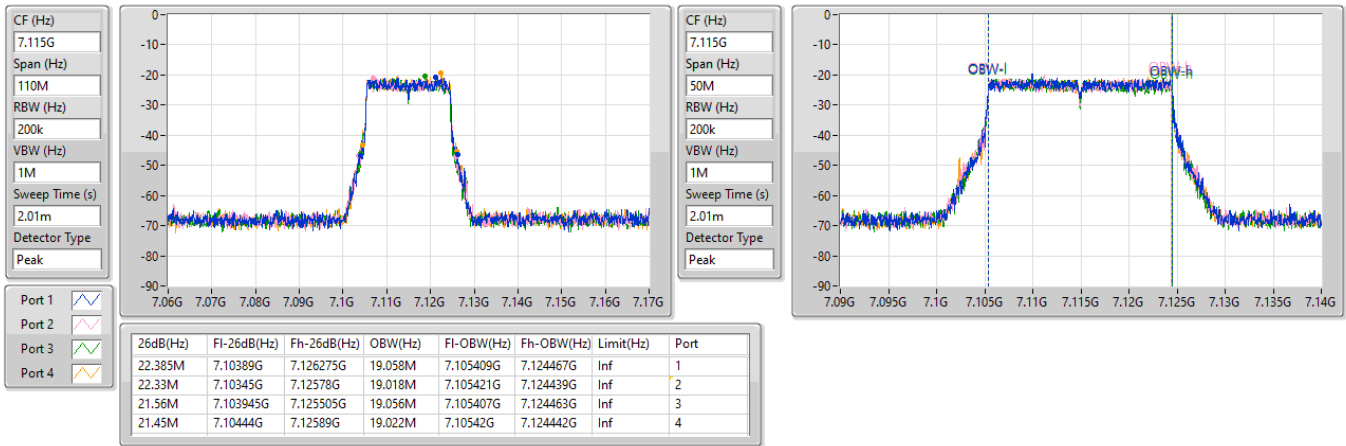

6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
7095MHz

27/12/2024

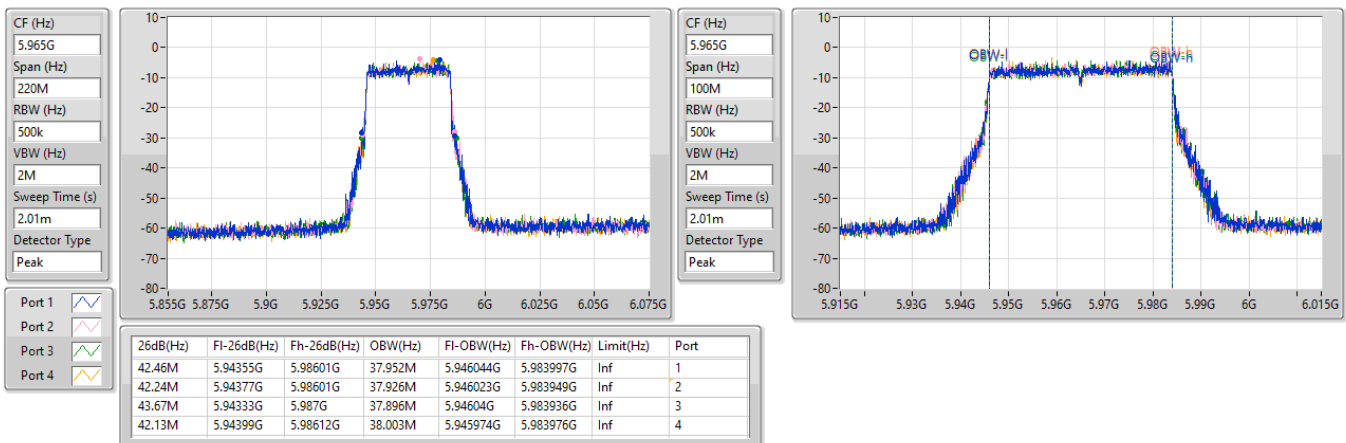


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
7115MHz

27/12/2024

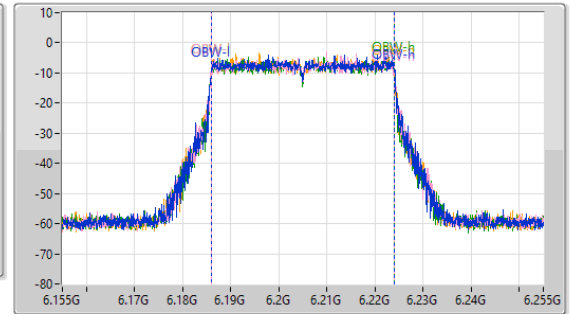
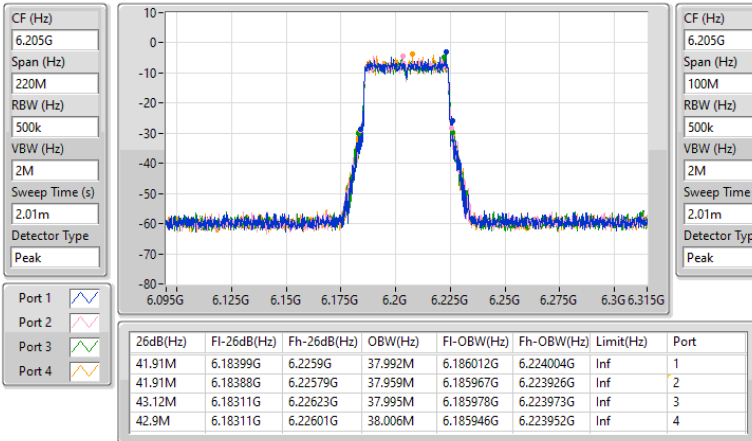

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5965MHz

27/12/2024

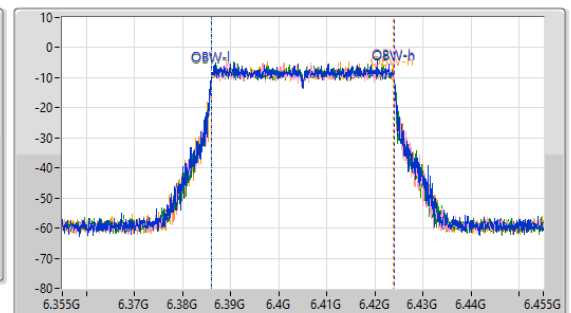
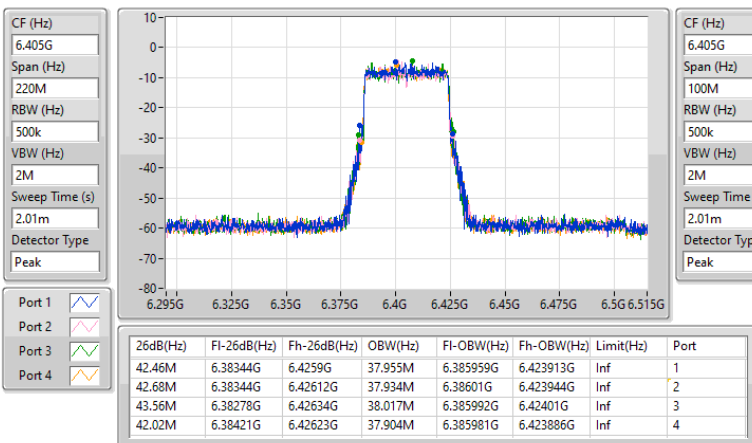


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

27/12/2024

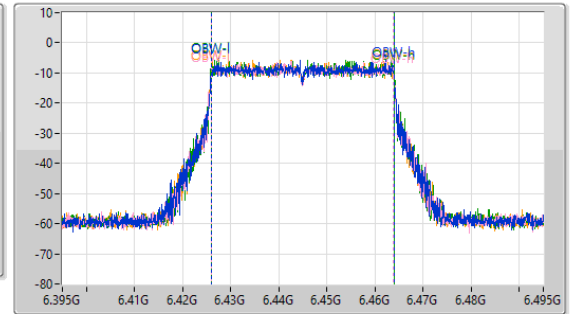
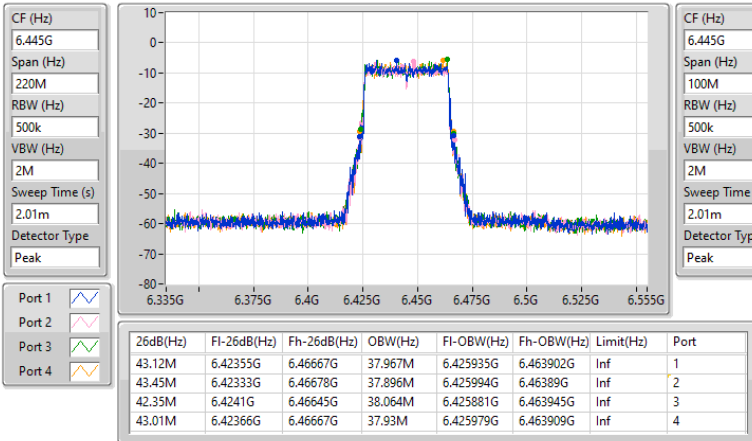

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6405MHz

27/12/2024

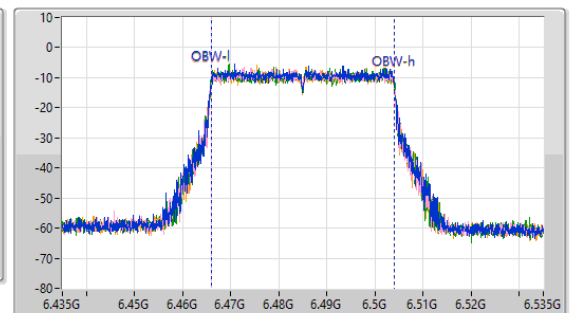
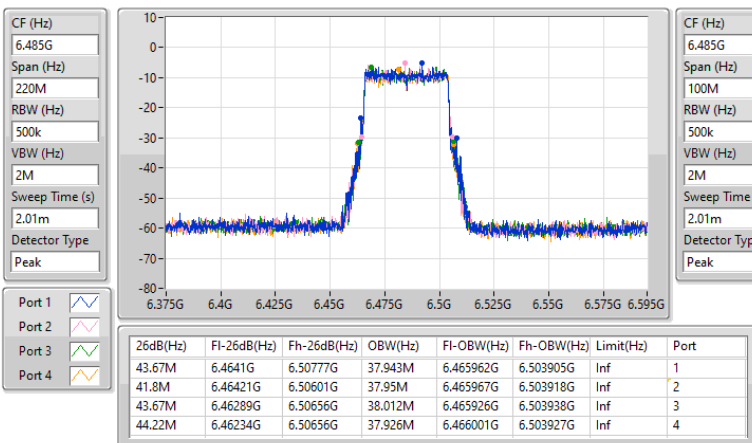


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6445MHz

27/12/2024

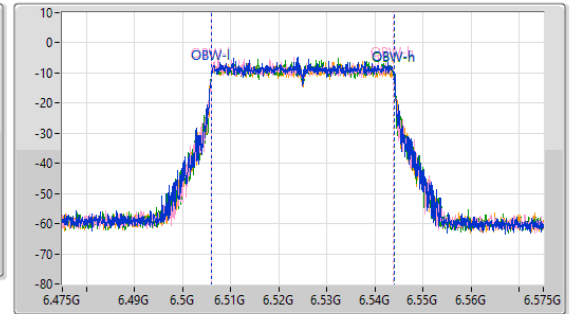
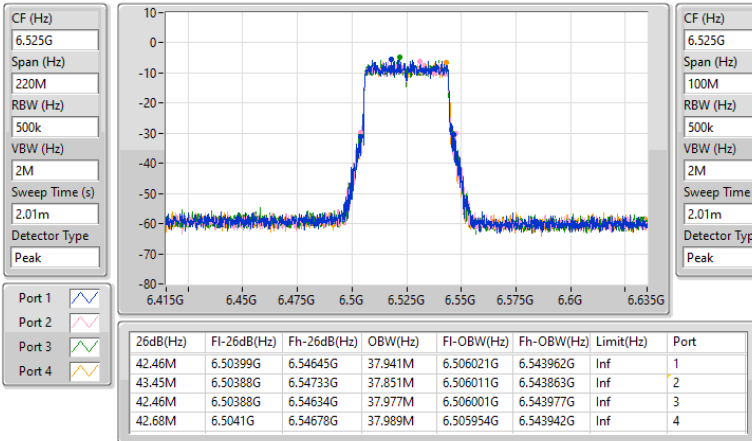

6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6485MHz

27/12/2024

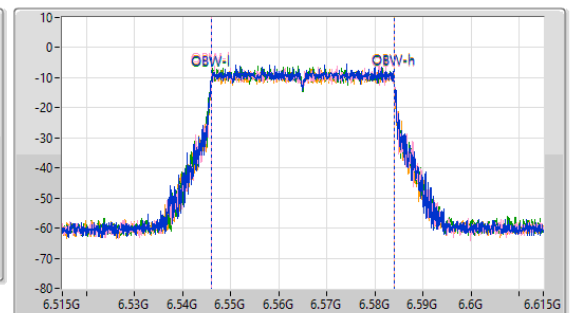
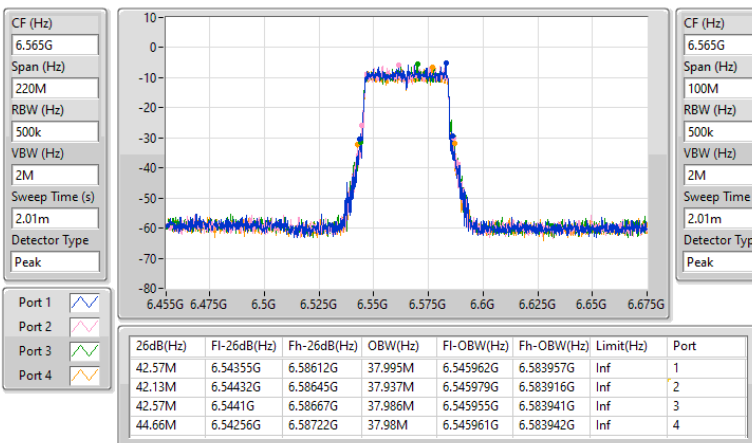


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6525MHz

27/12/2024

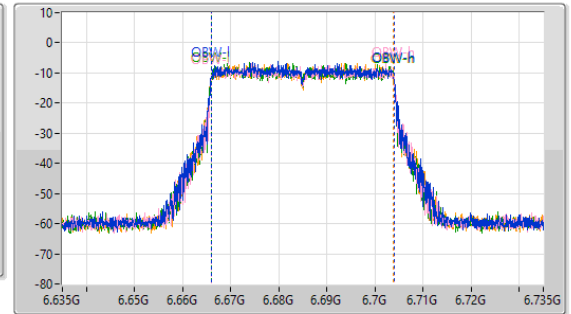
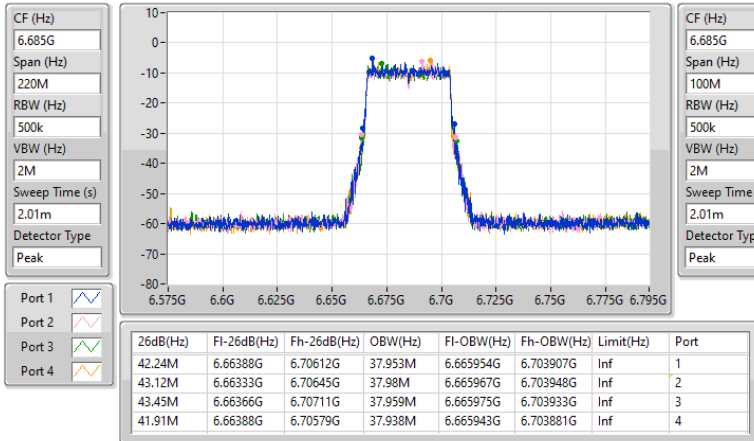

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6565MHz

27/12/2024

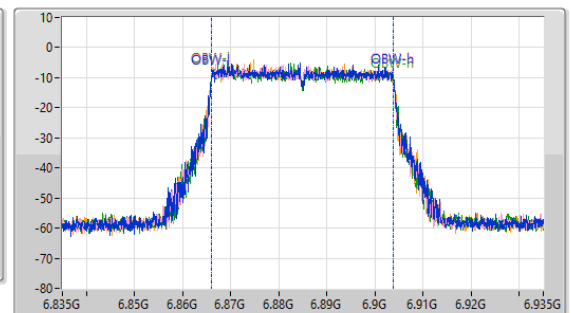
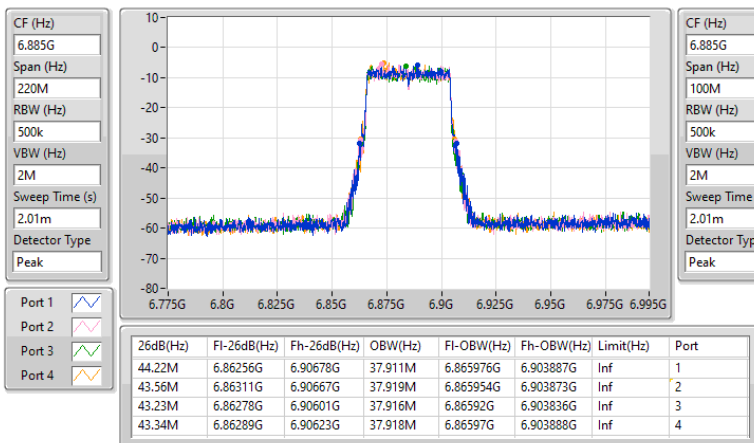


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

27/12/2024

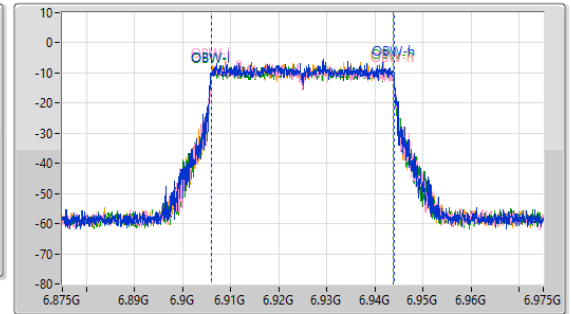
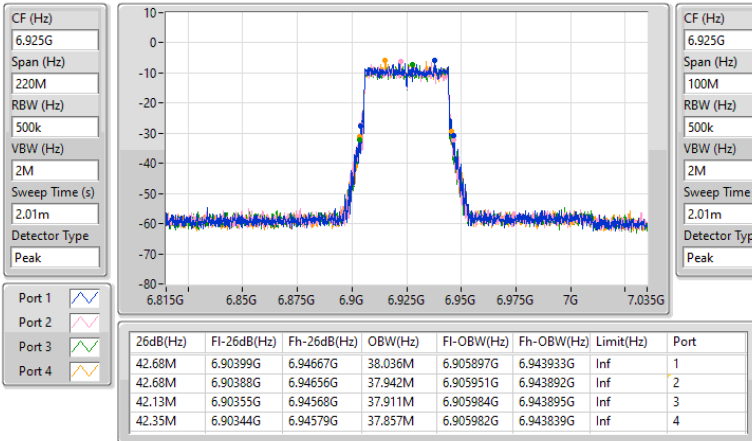

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

27/12/2024

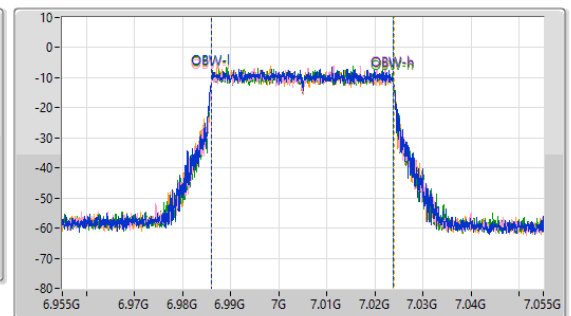
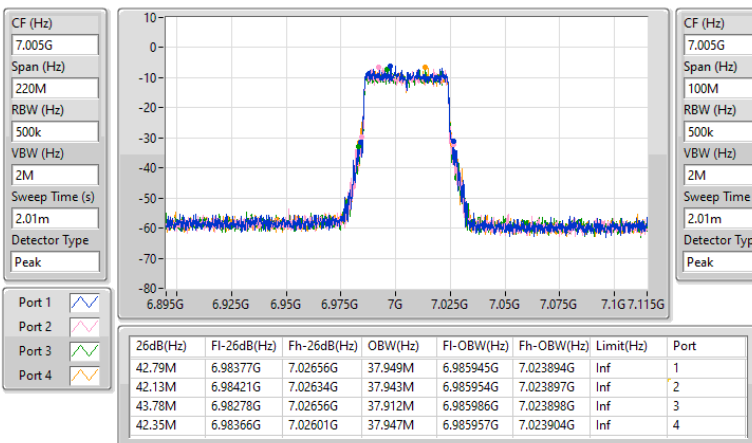


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6925MHz

27/12/2024

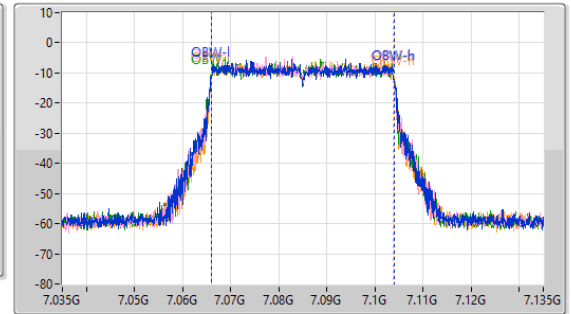
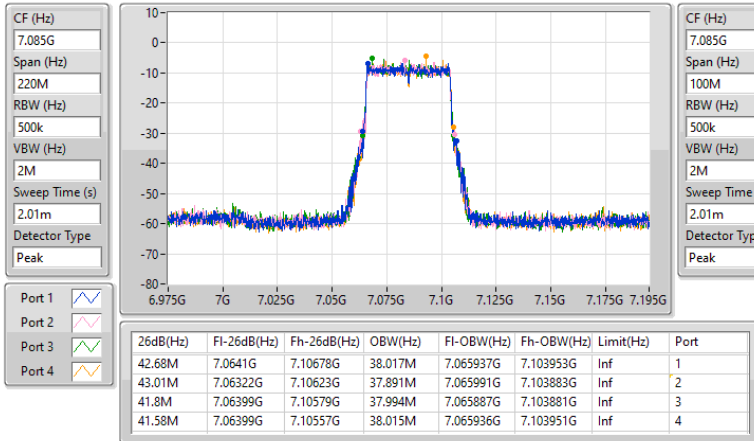

6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
7005MHz

27/12/2024



6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
7085MHz

27/12/2024


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

27/12/2024

