

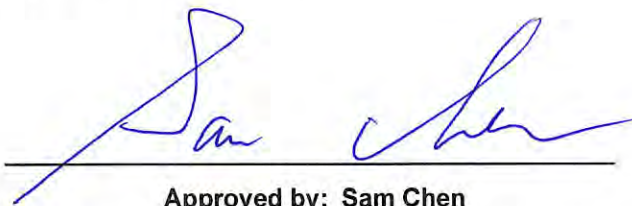


RADIO TEST REPORT

FCC ID : 2AHBN-AP36
Equipment : Wi-Fi 7 Wireless Access Point
Brand Name : Juniper
Model Name : AP36, AP37, AP36M
Applicant : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089
USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089
USA
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 13, 2025, and testing was started from Jun. 19, 2025 and completed on Aug. 20, 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 C63.10-2020 and shown compliance with the applicable technical standards.

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



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0



Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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.

Reviewed by: Sam Chen**Report Producer: Sandy Chuang**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20), be (EHT20)	5955-7095	1-229 [58]
5925-7125	ax (HEW40), be (EHT40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80), be (EHT80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160), be (EHT160)	6025-6985	15-207 [7]
5925-7125	be (EHT320)	6105-6905	31-191 [6]

For Radio 0:

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

**For Scanning Radio 3:**

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11ax HEW20	20	1TX
5.925-7.125GHz	802.11ax HEW40	40	1TX
5.925-7.125GHz	802.11ax HEW80	80	1TX
5.925-7.125GHz	802.11ax HEW160	160	1TX

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

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH	
		80				UNII-5 CH7	UNII-8 CH215
484+242	1		242		484	–	V
	2	242			484	V	V
	3		484			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			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			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
2×996+484	1		484	996	996	–	–
	2	484		996	996	V	–
	3		996		484	V	–
	4		996	484	996	V	–
	5		996	996		V	–
	6		996	996	484	V	–
	7			484	996	–	V
	8		484	996	996	–	V
	9			996	484	–	V
	10		996		484	–	V
	11		996	996		–	V
	12		996	996	484	–	–
3×996	1			996	996	–	V
	2		996		996	V	V
	3		996		996	V	V
	4		996		996	V	–
3×996+484	1		484	996	996	–	V
	2	484		996	996	V	V
	3		996		484	V	V
	4		996	484	996	V	V
	5		996		484	V	V
	6		996		484	V	V
	7		996	996		V	V
	8		996	996	484	V	–

Note:

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

**1.1.2 Worst case of MRU(static preamble puncturing) evaluation procedure**

For EUT 1: R3, EUT 3 (Internal Ant.): R3

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 BE/RSE testing.
5. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 2 & 4 is the same. If there is a channel where the setting drops due to the test in step 4, the MRU(static preamble puncturing) conducted PSD needs to be retested.
6. Use worst configuration of MRU(static preamble puncturing) and perform MASK measurements by conducted method.

For EUT 2 in Y axis: R0, EUT 3 (Internal Ant.) in Y axis: R0

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

<For EUT 1>

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	Juniper	AP36	PIFA	I-PEX	Note 1	WLAN 2.4GHz (Radio 2)
2	2	Juniper	AP36	PIFA	I-PEX		WLAN 5GHz UNII 1-3 (Radio 1)
3	3	Juniper	AP36	PIFA	I-PEX		
4	4	Juniper	AP36	PIFA	I-PEX		
5	1	Juniper	AP36	Alford loop	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
6	2	Juniper	AP36	Alford loop	I-PEX		
7	3	Juniper	AP36	Alford loop	I-PEX		
8	4	Juniper	AP36	Alford loop	I-PEX		
9	1	Juniper	AP36	PIFA	I-PEX		WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
10	1	Juniper	AP36	PIFA	I-PEX	4.3	802.15.4 (Zigbee, Thread) (Radio 4)
11	1	Juniper	AP36	PIFA	I-PEX	4.6	Bluetooth (Radio 4)
12	1	Juniper	AP36	PIFA	I-PEX	4.8	GPS (Radio 5)

Note 1:

NOTE 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)			WLAN 5GHz UNII 1-3 (Radio 1)					
	2.45GHz		5.2GHz	5.3GHz		5.6GHz		5.785GHz	
1	4.05		3.21	3.24		4.11		4.4	
2	3.39		3.48	3.74		5.48		5.39	
3	-		3.64	3.79		3.56		3.47	
4	-		4.60	4.98		3.74		4.32	
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)								
	6.175GHz		6.475GHz		6.695GHz		6.995GHz		
5	3.50		4.84		4.27		4.47		
6	4.49		5.36		3.76		5.35		
7	2.59		4.25		3.36		3.65		
8	4.04		5.27		3.69		4.18		
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
9	4.05	3.36	3.45	4.41	4.2	4.22	4.16	4.78	4.89



Directional Gain (dBi)				
Item	WLAN 2.4GHz (Radio 2)			
	2.45GHz			
2T1S	5.38			
2T2S	4.05			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
4T1S	7.24	8.01	8.66	8.48
4T2S	4.60	5.01	5.66	5.48
4T4S	4.60	4.98	5.48	5.39
Item	WLAN 6GHz UNII 5-8 (Radio 0)			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
4T1S	8.56	9.91	8.62	9.51
4T2S	5.56	6.91	5.62	6.51
4T4S	4.49	5.36	4.27	5.35

Note 2: The above information (excepting Ant. 1-9 antenna gain and directional gain) was declared by Manufacturer.

Note 3: Radio 0-3: Maximum Directional Gain following KDB662911 D03.

For Radio 0:

6GHz (UNII 5-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 1:

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):

2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (1TX/1RX)

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax mode (1TX/1RX)

6GHz (UNII 5-8) IEEE 802.11ax mode (1TX/1RX)

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

For Radio 4:

Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

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

For Radio 5:

GPS (1RX)

Only Port 1 can be used as receiving antenna.

<For EUT 2>

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	Juniper	AP37	PIFA	I-PEX	Note 1	WLAN 2.4GHz (Radio 2) WLAN 5GHz UNII 1-3 (Radio 1)
2	2	Juniper	AP37	PIFA	I-PEX		
3	3	Juniper	AP37	PIFA	I-PEX		
4	4	Juniper	AP37	PIFA	I-PEX		
5	1	Juniper	AP37	Alford loop	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
6	2	Juniper	AP37	Alford loop	I-PEX		
7	3	Juniper	AP37	Alford loop	I-PEX		WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
8	4	Juniper	AP37	Alford loop	I-PEX		
9	1	Juniper	AP37	PIFA	I-PEX		
10	1	Juniper	AP37	PIFA	I-PEX	3.5	802.15.4 (Zigbee, Thread) (Radio 4)
11	1	Juniper	AP37	PIFA	I-PEX	Beam 1-8: 4.2 Omni: 0.7	Bluetooth array [Beam 1-8/Omni] (Radio 4)
12	1	Juniper	AP37	Patch	I-PEX	2.7	Bluetooth array [Beam 9] (Radio 4)
13	1	Juniper	AP37	PIFA	I-PEX	3.7	GPS (Radio 5)



Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)			WLAN 5GHz UNII 1-3 (Radio 1)					
	2.45GHz			5.2GHz	5.3GHz	5.6GHz	5.785GHz		
1	3.15			3.09	3.28	3.42	3.32		
2	2.60			3.38	3.47	3.16	3.26		
3	-			3.34	3.19	3.25	3.21		
4	-			3.72	4.2	5.4	5.36		
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)								
	6.175GHz			6.475GHz		6.695GHz		6.995GHz	
5	5.29			6.17		5.78		6.15	
6	4.86			5.02		4.43		5.11	
7	4.02			4.62		3.51		4.29	
8	5.39			5.78		5.57		5.07	
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
9	3.47	2.57	2.33	3.34	2.81	3.06	4.15	3.87	4.85

Directional Gain (dBi)				
Item	WLAN 2.4GHz (Radio 2)			
	2.45GHz			
	3.21			
2T1S	3.21			
2T2S	3.15			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
	6.69	6.64	6.89	7.69
4T1S	6.69	6.64	6.89	7.69
4T2S	3.72	4.20	5.40	5.36
4T4S	3.72	4.20	5.40	5.36
Item	WLAN 6GHz UNII 5-8 (Radio 0)			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
	8.56	10.00	9.42	10.66
4T1S	8.56	10.00	9.42	10.66
4T2S	5.56	7.00	6.42	7.66
4T4S	5.39	6.17	5.78	6.15

Note 2: The above information (excepting Ant. 1-9 antenna gain and directional gain) was declared by Manufacturer.

Note 3: Radio 0-3: Maximum Directional Gain following KDB662911 D03.

Note 4: The EUT is equipped with thirteen internal antennas.

The ant.11 is BLE array (Beam 1-Beam 8/Omni).

The ant.12 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

**For Radio 0:****6GHz (UNII 5-8) IEEE 802.11ax/be mode (4TX/4RX)**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 1:**5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:**2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):**2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (1TX/1RX)****5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax mode (1TX/1RX)****6GHz (UNII 5-8) IEEE 802.11ax mode (1TX/1RX)**

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

For Radio 4:**Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)**

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

For Radio 5:**GPS (1RX)**

Only Port 1 can be used as receiving antenna.

**<For EUT 3>****Internal Ant.**

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	Juniper	AP36M	Dipole	I-PEX	Note 1	WLAN 2.4GHz (Radio 2) WLAN 5GHz UNII 1-3 (Radio 1)
2	2	Juniper	AP36M	Dipole	I-PEX		
3	3	Juniper	AP36M	Patch	I-PEX		
4	4	Juniper	AP36M	Patch	I-PEX		
5	1	Juniper	AP36M	Patch	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
6	2	Juniper	AP36M	Patch	I-PEX		
7	3	Juniper	AP36M	Patch	I-PEX		
8	4	Juniper	AP36M	Patch	I-PEX		
9	1	Juniper	AP36M	PIFA	I-PEX	Note 1	WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
10	1	Juniper	AP36M	Dipole	I-PEX	6.6	802.15.4 (Zigbee, Thread) (Radio 4)
11	1	Juniper	AP36M	PIFA	I-PEX	4.6	Bluetooth (Radio 4)
12	1	Juniper	AP36M	PIFA	I-PEX	4.4	GPS (Radio 5)



Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)			WLAN 5GHz UNII 1-3 (Radio 1)					
	2.45GHz			5.2GHz	5.3GHz	5.6GHz	5.785GHz		
1	6.52			3.62	4.13	3.78	3.75		
2	6.07			3.29	3.51	4.29	4.27		
3	-			3.61	4.41	5.67	4.86		
4	-			3.93	4.55	5.72	5.62		
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)								
	6.175GHz		6.475GHz		6.695GHz		6.995GHz		
5	5.12		5.82		3.88		5.21		
6	5.84		6.27		4.17		5.08		
7	5.57		5.74		4.23		4.99		
8	4.74		4.6		4.57		4.34		
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
9	5.12	2.84	3.5	4.28	3.75	3.74	3.42	2.95	3.57

Directional Gain (dBi)				
Item	WLAN 2.4GHz (Radio 2)			
	2.45GHz			
2T1S	6.52			
2T2S	6.52			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
4T1S	5.72	6.05	7.24	6.79
4T2S	3.93	4.55	5.72	5.62
4T4S	3.93	4.55	5.72	5.62
Item	WLAN 6GHz UNII 5-8 (Radio 0)			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
4T1S	8.76	9.31	8.26	8.09
4T2S	5.84	6.31	5.26	5.21
4T4S	5.84	6.27	4.57	5.21

Note 1: The above information (excepting Ant. 1-9 antenna gain and directional gain) was declared by Manufacturer.

Note 2: Radio 0-3: Maximum Directional Gain following KDB662911 D03.

Note 3: The EUT is equipped with twelve internal antennas.

**External Ant.**

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	AccelTex	ATS-OP-24 56-81010-1 0MPC-36	Patch	4-Port Samtec	Note 1	WLAN 2.4GHz (Radio 2)
	2						WLAN 5GHz UNII 1-3 (Radio 1)
	3						
	4						
	1				6-Port Samtec		WLAN 6GHz UNII 5-8 (Radio 0)
	2						
	3						
	4						
	1						

Note 1:

Ant.	Antenna Gain (dBi)			
	WLAN 2.4GHz (Radio 2)		WLAN 5GHz UNII 1-3 (Radio 1)	
	2.4GHz		5GHz	
1	8		10	
	WLAN 6GHz UNII 5-8 (Radio 0)		Scanning radio (Radio 3)	
	6GHz		2.4GHz	5GHz
	10		8	10

Note 2: The 6GHz function in the external antenna is not enabled at this time.

Note 3: The WiFi internal and external antennas do not operate at the same time.

Note 4: Antenna 1 is cross-polarized, with detailed information as follows:

Radio 0, 1: Vertical*2, Horizontal*2; the array gain only add 10log(2).

Radio 2: Vertical*1, Horizontal*1; it doesn't need to evaluate the array gain.

Note 5: The above information was declared by manufacturer.

Note 5: 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 $N_{ANT} \leq 4$	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left[\sum_{k=1}^{N_{ant}} g_{j,k} \right]^2}{N_{ANT}} \right]$
BF	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left[\sum_{k=1}^{N_{ant}} g_{j,k} \right]^2}{N_{ANT}} \right]$	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left[\sum_{k=1}^{N_{ant}} g_{j,k} \right]^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

$$NSS1(g_{1,1}) = 10^{G_1/20} ; NSS1(g_{1,2}) = 10^{G_2/20} ; NSS1(g_{1,3}) = 10^{G_3/20} ; NSS1(g_{1,4}) = 10^{G_4/20}$$

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

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

$$\log[(10^{G_1/20} + 10^{G_2/20} + 10^{G_3/20} + 10^{G_4/20})^2 / N_{ANT}]$$

Where ;

Cross-Polarized Antenna

Radio 2

$$G_1 = 8 \text{ dBi} ; G_2 = 8 \text{ dBi} ; DG = 8 \text{ dBi}$$

Radio 1

$$5G \text{ UNII-1 } G_1 = 10 \text{ dBi} ; G_2 = 10 \text{ dBi} ; G_3 = 10 \text{ dBi} ; G_4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

$$5G \text{ UNII-2A } G_1 = 10 \text{ dBi} ; G_2 = 10 \text{ dBi} ; G_3 = 10 \text{ dBi} ; G_4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

$$5G \text{ UNII-2C } G_1 = 10 \text{ dBi} ; G_2 = 10 \text{ dBi} ; G_3 = 10 \text{ dBi} ; G_4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

$$5G \text{ UNII-3 } G_1 = 10 \text{ dBi} ; G_2 = 10 \text{ dBi} ; G_3 = 10 \text{ dBi} ; G_4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

**For Radio 0:****6GHz (UNII 5-8) IEEE 802.11ax/be mode (4TX/4RX)**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 1:**5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:**2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):**2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (1TX/1RX)****5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax mode (1TX/1RX)****6GHz (UNII 5-8) IEEE 802.11ax mode (1TX/1RX)**

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

For Radio 4:**Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)**

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

For Radio 5:**GPS (1RX)**

Only Port 1 can be used as receiving antenna.

1.1.4 Mode Test Duty Cycle**For Full RU****<For EUT 1>****For Scanning Radio 3**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11ax HEW20_Nss1,(MCS0)_1TX	0.921	0.36	331.25u	10k
802.11ax HEW40_Nss1,(MCS0)_1TX	0.919	0.37	318.75u	10k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.909	0.41	303.75u	10k
802.11ax HEW160_Nss1,(MCS0)_1TX	0.906	0.43	292.5u	10k

<For EUT 2>**For Radio 0**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20	0.908	0.42	322.188u	5k
802.11be EHT40	0.907	0.42	304.375u	5k
802.11be EHT80	0.902	0.45	295u	5k
802.11be EHT160	0.901	0.45	290.938u	5k
802.11be EHT320	0.902	0.45	290.938u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.908	0.42	322.188u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.903	0.44	304.375u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.901	0.45	295u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.901	0.45	290.938u	5k
802.11be EHT320-BF_Nss 1,(M0)	0.902	0.45	290.938u	5k

**<For EUT 3>****For Internal Ant. / Radio 0**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss 1,(M0)	0.911	0.4	323.75u	10k
802.11be EHT40_Nss 1,(M0)	0.906	0.43	306.25u	10k
802.11be EHT80_Nss 1,(M0)	0.902	0.45	296.25u	10k
802.11be EHT160_Nss 1,(M0)	0.904	0.44	292.5u	10k
802.11be EHT320_Nss 1,(M0)	0.844	0.74	162.5u	10k
802.11be EHT20-BF_Nss 1,(M0)	0.95	0.22	3.122m	500
802.11be EHT40-BF_Nss 1,(M0)	0.963	0.16	4.644m	300
802.11be EHT80-BF_Nss 1,(M0)	0.944	0.25	5.172m	200
802.11be EHT160-BF_Nss 1,(M0)	0.932	0.31	5.112m	200
802.11be EHT320-BF_Nss 1,(M0)	0.909	0.41	5.116m	200

For Internal Ant. / Scanning Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11ax HEW20_Nss1,(MCS0)_1TX	0.906	0.43	324.375u	5k
802.11ax HEW40_Nss1,(MCS0)_1TX	0.905	0.43	311.25u	5k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.902	0.45	297.187u	5k
802.11ax HEW160_Nss1,(MCS0)_1TX	0.898	0.47	287.812u	5k

For Multi_RU/Puncturing**<For EUT 2>****For Radio 0**

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

<For EUT 3>**For Internal Ant. / Radio 0**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.968	0.14	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.969	0.14	999.063u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 1,(M0),3xRU996	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	998.75u	2k

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From PoE	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	The product has beamforming function for Radio 0 (ax/be in 6GHz) and Radio 1 (n/ac/ax/be in 5GHz), Radio 2 (n/VHT/ax/be in 2.4GHz).	
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 for Radio 0	
	☐ Supported Dynamic Puncturing (Reduce BW)	
	☒ Unsupported for Scanning Radio 3	
	Note: The EUT doesn't support puncturing for CBP.	
Support RU	☒ Full RU Radio 0 and Scanning Radio 3	☒ Partial RU for Radio 0
Test Software Version	accessMtool 3.0.0.8	
Software / Firmware Version for CBP	For Radio 0: geode-master-dfs-0.16.828-4d828f0a4 For Scanning Radio 3: geode-master-dfs-0.16.1022-d722796af	

Note: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

EUT	Model Name	6GHz (6ID)	6GHz (6SD)	Wi-Fi Antenna	802.15.4 Antenna	BT Antenna	GPS Antenna
1	AP36	Support	Support	Internal antenna (AP36/AP37 the same)	AP36/AP37 the same	AP36/AP36M the same	the same
2	AP37	Support	Support	Internal antenna (AP36/AP37 the same)	AP36/AP37 the same	Not the same	the same
3	AP36M	Internal Antenna: Support External Antenna: Not support	Internal Antenna: Support External Antenna: Support	Internal Antenna (Not the same) External Antenna	Not the same	AP36/AP36M the same	the same

Note 1: All models are identical to each other in all aspects except for the listing table.

Note 2: The WLAN 6GHz (6SD) function is not enabled at this time.

Note 3: The above information was declared by manufacturer.

Note 4: Based on the differences outlined in the table above, all models were selected for AC power-line conducted emissions, radiated emissions below 1 GHz, and radiated co-location testing. And for Contention-Based Protocol test, EUT 1 is selected to test Radio 0 and EUT 3 is selected to test Scanning Radio 3. The models selected for the remaining test items are listed in the table below.

Note 5:

Radio \ Model	AP36 (EUT 1)	AP37 (EUT 2)	AP36M (EUT 3)
0 (6GHz)	N/A	Yes (Note 5)	Yes (Internal antenna)
1 (5GHz)	Yes (Note 5)	N/A	Yes (Internal&External antenna)
2 (2.4GHz)	Yes (Note 5)	N/A	Yes (Internal&External antenna)
3 (Scanning radio 2.4/5/6GHz)	Yes (Note 5)	N/A	Yes (Internal&External antenna)
4 (802.15.4 (Zigbee, Thread))	Yes (Note 6)	Yes (Note 6)	Yes
4 (Bluetooth)	Yes (Note 7)	Yes	Yes (Note 7)

Note 5: The worst case was selected from EUT 1 and EUT 2 for testing.

Note 6:

For RF radiated emissions: EUT 1 and EUT 2 were selected for testing.

For RF conducted emissions: Only the highest gain antenna from EUT 1 and EUT 2 was selected for testing.

Note 7:

For RF radiated emissions: EUT 1 and EUT 3 were selected for testing.

For RF conducted emissions: Only the highest gain antenna from EUT 1 and EUT 3 was selected for testing.

1.1.7 Table for Radio Function

For EUT 1~3:

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	802.15.4 (Zigbee, Thread)	GPS
0	-	-	V (UNII 5~8)	-	-	-
1	-	V (UNII 1-3)	-	-	-	-
2	V	-	-	-	-	-
3 (Scanning radio)	V	V (UNII 1-3)	V (UNII 5~8)	-	-	-
4	-	-	-	V	V	-
5	-	-	-	-	-	V

Note 1: For WLAN 2.4GHz: The Radio 2 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 1 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 0 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

Note 2: 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 C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v03
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (EUT 1 / 3: others)	TH02-CB	Gino Huang	21.3~22.5 / 58~61	Jun. 19, 2025~ Aug. 13, 2025
RF Conducted (EUT 2)	TH02-CB	Gino Huang	21.3~22.5 / 58~61	Jun. 19, 2025~ Aug. 13, 2025
RF Conducted (EUT 3: External Ant.)	TH02-CB	Ken Yeh	21.3~22.5 / 58~61	Jun. 19, 2025~ Aug. 13, 2025
Radiated below 1GHz	10CH01-CB	Ryan Huang	23~24 / 56~57	Jul. 23, 2025~ Aug. 04, 2025
Radiated above 1GHz (EUT 1)	03CH03-CB 03CH05-CB	Gordon Hung	21.6~23.1 / 58~62 21.5~22.9 / 57~60	Jun. 19, 2025~ Jul. 22, 2025
Radiated above 1GHz (EUT 2)	03CH05-CB 03CH06-CB 03CH02-CB	Gordon Hung	21.5~22.9 / 57~60 21.9~23.1 / 60~62 21.5~23.3 / 58~61	Jun. 19, 2025~ Jul. 22, 2025
Radiated above 1GHz (EUT 3)	03CH02-CB 03CH01-CB 03CH04-CB	Gordon Hung	21.5~23.3 / 58~61 21.3~22.3 / 58~61 21.4~22.6 / 57~61	Jun. 19, 2025~ Jul. 22, 2025
Radiated above 1GHz (Co-location)	03CH04-CB	Gordon Hung	21.4~22.6 / 57~61	Aug. 20, 2025
AC Conduction	CO02-CB	Elvin Yeh	22~23 / 55~56	Jul. 31, 2025~ Aug. 06, 2025
RF Conducted (Contention-Based Protocol test: EUT 1: Radio 0)	DF02-CB	Paul Hu	21.2~22.8 / 56~62	Jul. 18, 2025~ Jul. 19, 2025
RF Conducted (Contention-Based Protocol test: EUT 3_Internal Ant.: Scanning Radio 3)	DF02-CB	RJ Huang	21.2~22.8 / 56~62	Jul. 19, 2025



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.9 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU

<For EUT 1>

For Scanning Radio 3

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11ax HEW160_Nss1,(MCS0)_1TX
6025MHz



6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz

<For EUT 2>**For Radio 0****Non-beamforming mode**

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz



802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

Beamforming mode

Mode
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz



6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz



<For EUT 3>

For Internal Ant. / Radio 0

Non-beamforming mode

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz



6985MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

Beamforming mode

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



802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

For Internal Ant. / Scanning Radio 3

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz



6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11ax HEW160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz



For Multi_RU/Puncturing
<For EUT 2>
For Radio 0

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 5_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 10_4TX
6905MHz

<For EUT 3>
For Internal Ant. / Radio 0

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX
7025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_4TX
6985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
6985MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 5_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 3_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 3_4TX



6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 4_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 2_4TX
6905MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 9_4TX
6905MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
2	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
3	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: 802.15.4(TX)+R5: GPS+PoE
5	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: 802.15.4(RX)+R5: GPS+PoE
6	EUT 2_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
7	EUT 2_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
8	EUT 2_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 8 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT 2_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: 802.15.4(TX)+R5: GPS+PoE
10	EUT 2_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: 802.15.4(RX)+R5: GPS+PoE
11	EUT 3 (External Ant.)_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
12	EUT 3 (External Ant.)_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
Mode 12 has been evaluated to be the worst case among Mode 11~12, thus measurement for Mode 13~14 will follow this same test mode.	
13	EUT 3 (External Ant.)_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+ R4: 802.15.4(TX)+ R5: GPS+PoE
14	EUT 3 (External Ant.)_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+ R4: 802.15.4(RX)+ R5: GPS+PoE
Mode 12 has been evaluated to be the worst case among Mode 11~14, thus measurement for Mode 15~17 will follow this same test mode.	
15	EUT 3 (Internal Ant.)_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
16	EUT 3 (Internal Ant.)_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
17	EUT 3 (Internal Ant.)_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
For operating mode 12 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth
Test Condition	Conducted measurement at transmit chains
1	EUT 1: R3
2	EUT 2: R0
3	EUT 3 (Internal Ant.): R0
4	EUT 3 (Internal Ant.): R3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT 1: R3
2	EUT 3 (Internal Ant.): R3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	Radiated measurement
After evaluating, the worst case was found at Y axis. Thus the measurement will follow this same test configuration.	
1	EUT 2 in Y axis: R0
2	EUT 3 (Internal Ant.) in Y axis: R0



The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT 1: R3
2	EUT 3 (Internal Ant.): R3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement
After evaluating, the worst case was found at Y axis. Thus the measurement will follow this same test configuration.	
1	EUT 2 in Y axis: R0
2	EUT 3 (Internal Ant.) in Y axis: R0
3	Multi_RU/Puncturing_EUT 2 in Y axis: R0
4	Multi_RU/Puncturing_EUT 3 (Internal Ant.) in Y axis: R0

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
Only the lowest gain antenna was selected to test from EUT 1~3.	
1	EUT 1: R0
2	EUT 3 (Internal Ant.)



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	Normal Link
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
2	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
3	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: 802.15.4(TX)+R5: GPS+PoE
5	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: 802.15.4(RX)+R5: GPS+PoE
6	EUT 2 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
7	EUT 2 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
8	EUT 2 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 6 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT 2 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: 802.15.4(TX)+R5: GPS+PoE
10	EUT 2 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: 802.15.4(RX)+R5: GPS+PoE
11	EUT 3 (External Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
12	EUT 3 (External Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
Mode 11 has been evaluated to be the worst case among Mode 11~12, thus measurement for Mode 13~14 will follow this same test mode.	
13	EUT 3 (External Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+ R4: 802.15.4(TX)+ R5: GPS+PoE
14	EUT 3 (External Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+ R4: 802.15.4(RX)+ R5: GPS+PoE
Mode 11 has been evaluated to be the worst case among Mode 11~14, thus measurement for Mode 15~17 will follow this same test mode.	
15	EUT 3 (Internal Ant.) in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
16	EUT 3 (Internal Ant.) in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
17	EUT 3 (Internal Ant.) in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
For operating mode 15 is the worst case and it was record in this test report.	



Operating Mode > 1GHz	CTX
After evaluating, the worst-case axis was found as below. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis: R3
2	EUT 2 in Y axis: R0
3	EUT 3 in Y axis (Internal Ant.): R0
4	EUT 3 in Z axis (Internal Ant.): R3
5	Multi_RU/Puncturing_EUT 2 in Y axis: R0
6	Multi_RU/Puncturing_EUT 3 in Y axis (Internal Ant.): R0

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT 1: R3
2	EUT 2: R0
3	EUT 3 (Internal Ant.): R0
4	EUT 3 (Internal Ant.): R3
5	Multi_RU/Puncturing_EUT 2: R0
6	Multi_RU/Puncturing_EUT 3 (Internal Ant.): R0

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, the worst-case axis was found as below. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis_R1: 5GHz+R2: 2.4GHz
2	EUT 3 (Internal Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz
3	EUT 3 (External Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz
4	EUT 3 (External Ant.) in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 2: R0 WLAN 6GHz+ EUT 1: R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN 2.4GHz+R4 Bluetooth
2	EUT 2: R0 WLAN 6GHz+ EUT 1: R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN 5GHz+R4 Bluetooth
3	EUT 2: R0 WLAN 6GHz+ EUT 1: R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN 6GHz+R4 Bluetooth
4	EUT 2: R0 WLAN 6GHz+R4 Bluetooth+ EUT 1: R1 WLAN 5GHz+ R2 WLAN 2.4GHz+R3 WLAN 2.4GHz
5	EUT 2: R0 WLAN 6GHz+R4 Bluetooth+ EUT 1: R1 WLAN 5GHz+ R2 WLAN 2.4GHz+R3 WLAN 5GHz
6	EUT 2: R0 WLAN 6GHz+R4 Bluetooth+ EUT 1: R1 WLAN 5GHz+ R2 WLAN 2.4GHz+R3 WLAN 6GHz
7	EUT 2: R0 WLAN 6GHz+ EUT 1: R1 WLAN 5GHz+ R2 WLAN 2.4GHz+R3 WLAN 2.4GHz+R4 802.15.4
8	EUT 2: R0 WLAN 6GHz+ EUT 1: R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN 5GHz+R4 802.15.4
9	EUT 2: R0 WLAN 6GHz+ EUT 1: R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN 6GHz+R4 802.15.4
10	EUT 3 (Internal Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN2.4GHz+R4 Bluetooth
11	EUT 3 (Internal Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 5GHz+R3 WLAN5GHz+R4 Bluetooth
12	EUT 3 (Internal Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 6GHz+R3 WLAN6GHz+R4 Bluetooth
13	EUT 3 (Internal Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN2.4GHz+R4 802.15.4
14	EUT 3 (Internal Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN5GHz+R4 802.15.4
15	EUT 3 (Internal Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN6GHz+R4 802.15.4
16	EUT 3 (External Ant.): R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN2.4GHz+R4 Bluetooth
17	EUT 3 (External Ant.): R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN5GHz+R4 Bluetooth
18	EUT 3 (External Ant.): R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN2.4GHz+R4 802.15.4
19	EUT 3 (External Ant.): R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN5GHz+R4 802.15.4
Refer to Sporton Test Report No.: FA561106 for Co-location RF Exposure Evaluation.	



Note1: R means Radio.

Note2: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE	PHIHONG	POE90U-BTA

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1 (Note)
Antenna Bracket of External Ant. 1 (Used for EUT 3) / (Note)

Note: Optional, not sold with EUT

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE90U-BTA	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	10G Eth0+PoE PC	ASUS	S300TA	TX2-RTL8821CE
D	PSE Device PC	ASUS	S300TA	TX2-RTL8821CE
E	PSE Device	Juniper	AP36M	2AHBN-AP36
F	5G Scan NB	Lenovo	X260	N/A
G	2.4G NB	Lenovo	X260	N/A
H	5G NB	Lenovo	X260	N/A
I	GPS Simulator	WELNAVIGATE	GS-100	N/A

**For Radiated (below 1GHz):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Flash disk3.0	Transcend	JetFlash-703	N/A
B	PoE	PHIHONG	POE90U-BTA	N/A
C	10G Eth0+PoE PC	ASUS	S300TA	TX2-RTL8821CE
D	PSE Device	Juniper	AP36M	2AHBN-AP36
E	PSE Device PC	ASUS	S300TA	TX2-RTL8821CE
F	6G module	INTEL	BE200	PD9BE200NG
G	6G NB	DELL	E7240	N/A
H	5G NB	Lenovo	X260	N/A
I	2.4G NB	Lenovo	X260	N/A
J	2.4G Scan NB	Lenovo	X260	N/A
K	GPS Simulator	WELNAVIGATE	GS-100	N/A

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE90U-BTA	N/A

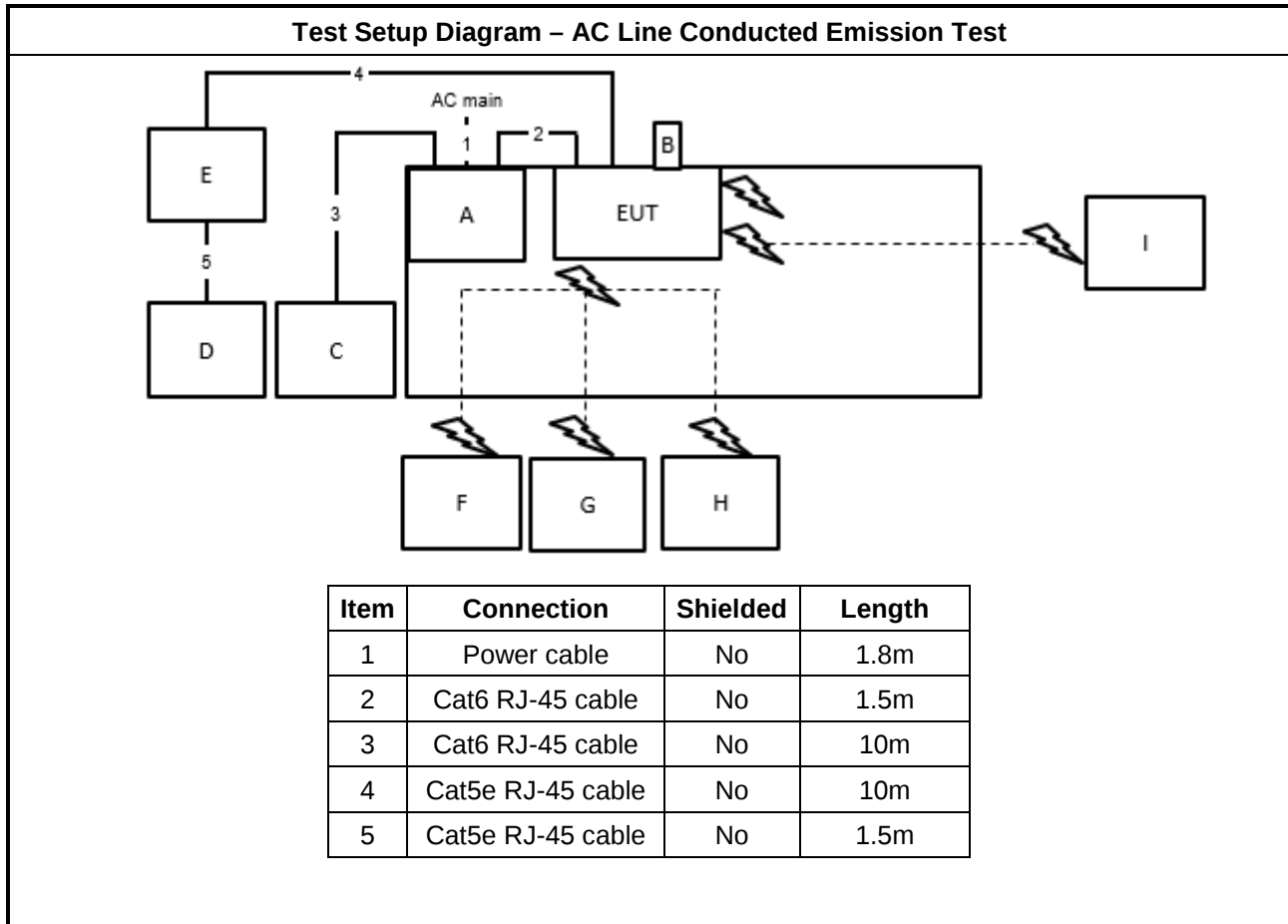
For RF Conducted (Other tests):

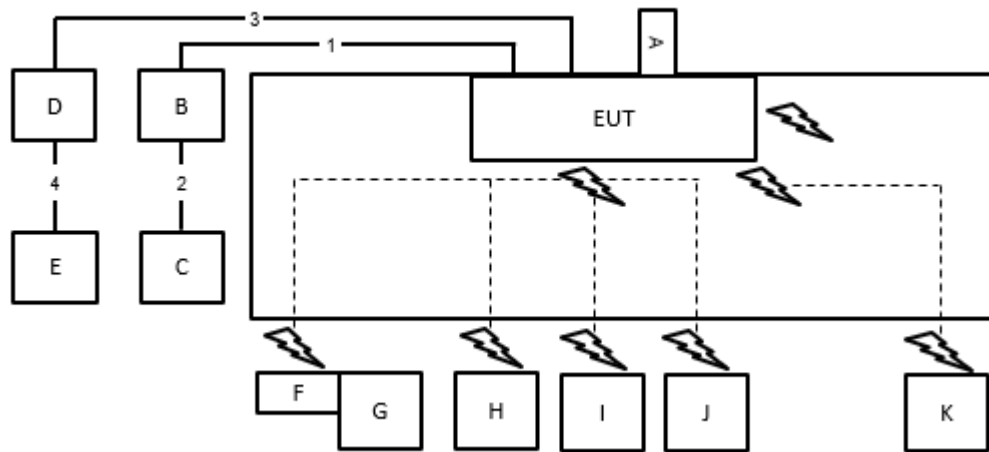
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE90U-BTA	N/A

For RF Conducted (Contention Based Protocol test):

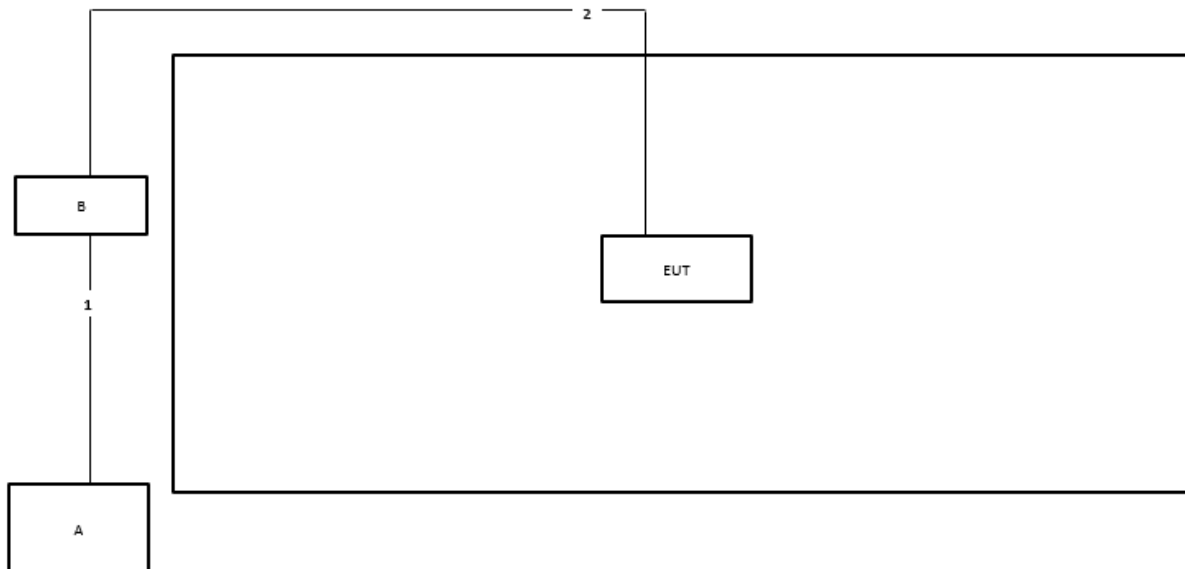
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E6230	N/A
B	NB	Lenovo	L440	N/A
C	WLAN module	MediaTek Inc.	MT7927	RAS-MT7927
D	PoE	PHIHONG	POE90U-BTA	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Cat6 RJ-45 cable	No	10m
2	Cat6 RJ-45 cable	No	5m
3	Cat5e RJ-45 cable	No	10m
4	Cat5e RJ-45 cable	No	5m

Test Setup Diagram - Radiated Test > 1GHz


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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

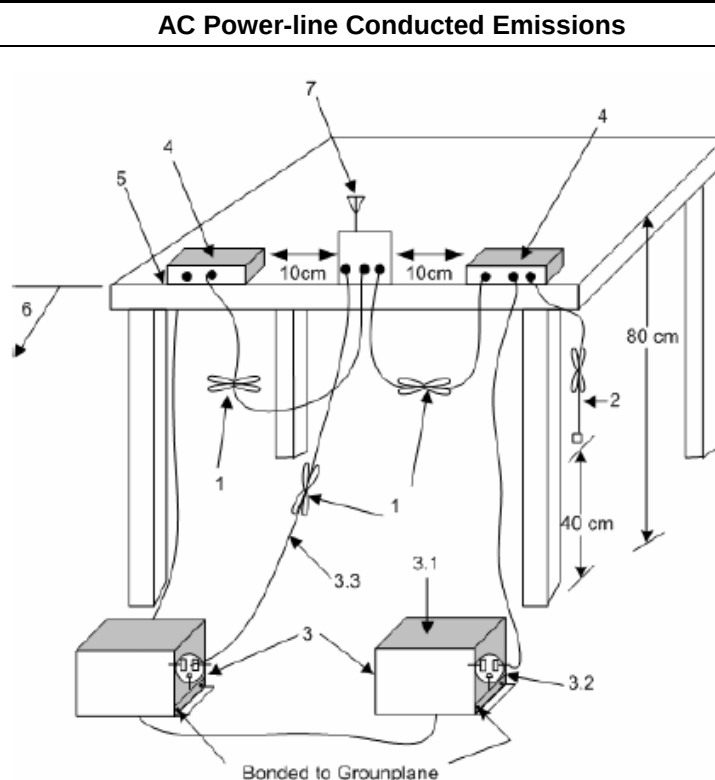
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



- 1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
- 2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
- 3.1—All other equipment powered from additional LISN(s).
- 3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
- 3.3—LISN at least 80 cm from nearest part of EUT chassis.
- 4—Non-EUT components of EUT system being tested.
- 5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
- 6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
- 7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBUV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

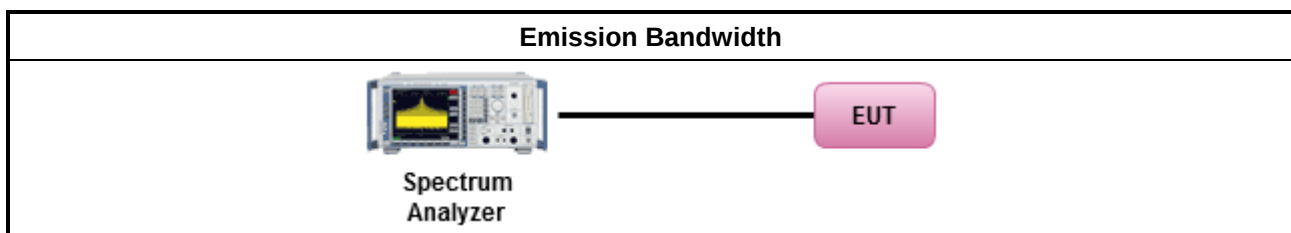
3.2.2 Measuring Instruments

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

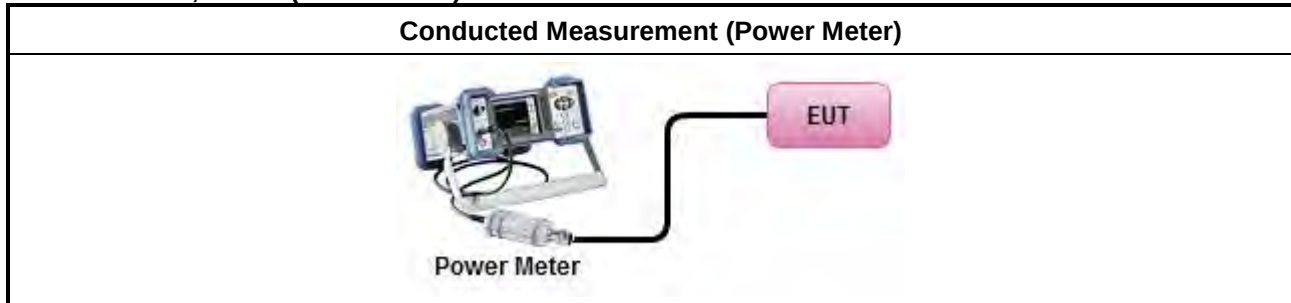
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

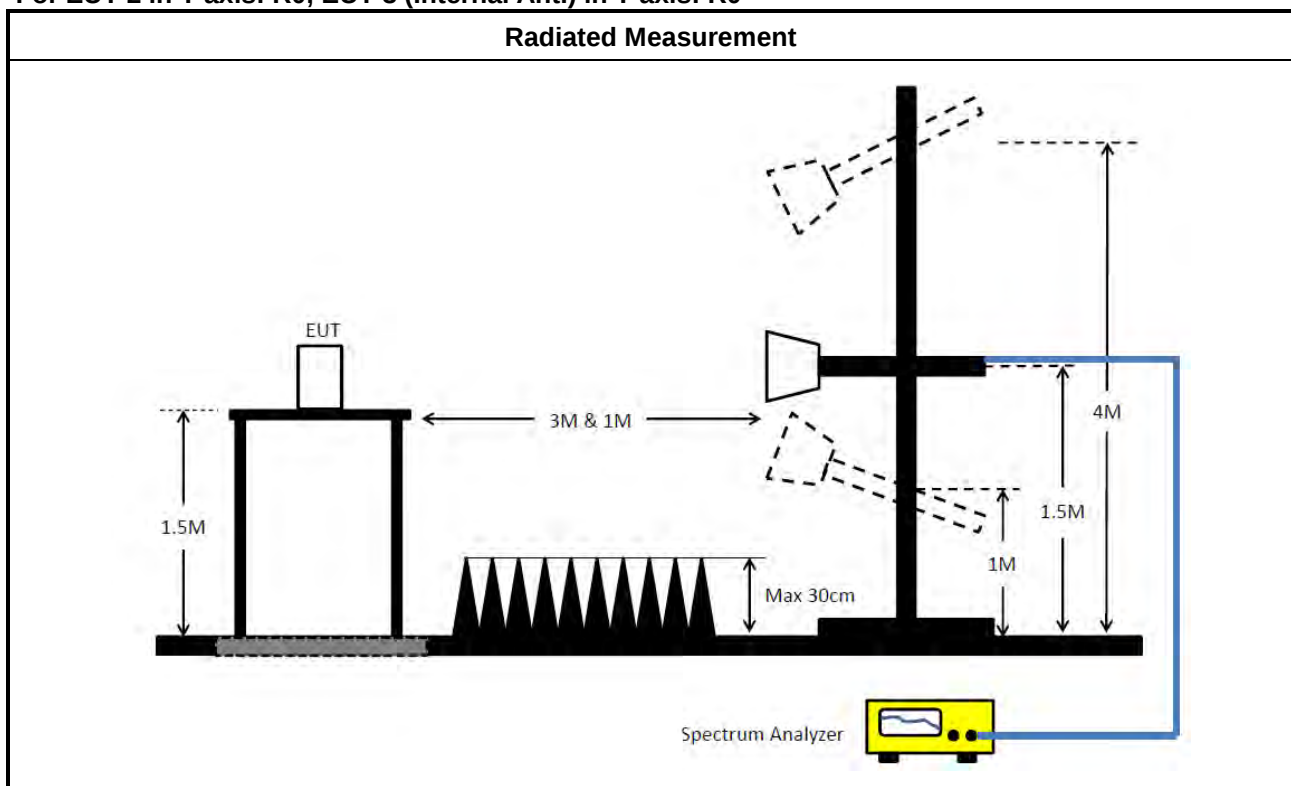
Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement. (for EUT 1: R3, EUT 3 (Internal Ant.): R3))
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 EUT 2 in Y axis: R0, EUT 3 (Internal Ant.) in Y axis: R0)
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 EUT 1: R3, EUT 3 (Internal Ant.): R3



For EUT 2 in Y axis: R0, EUT 3 (Internal Ant.) in Y axis: R0



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

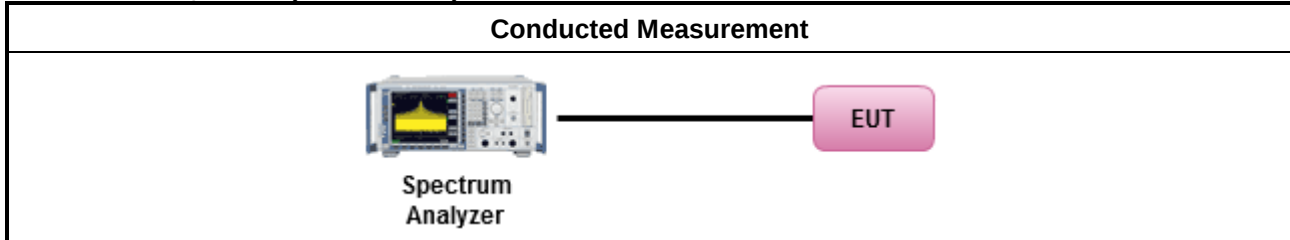
Refer a test equipment and calibration data table in this test report.

**3.4.3 Test Procedures**

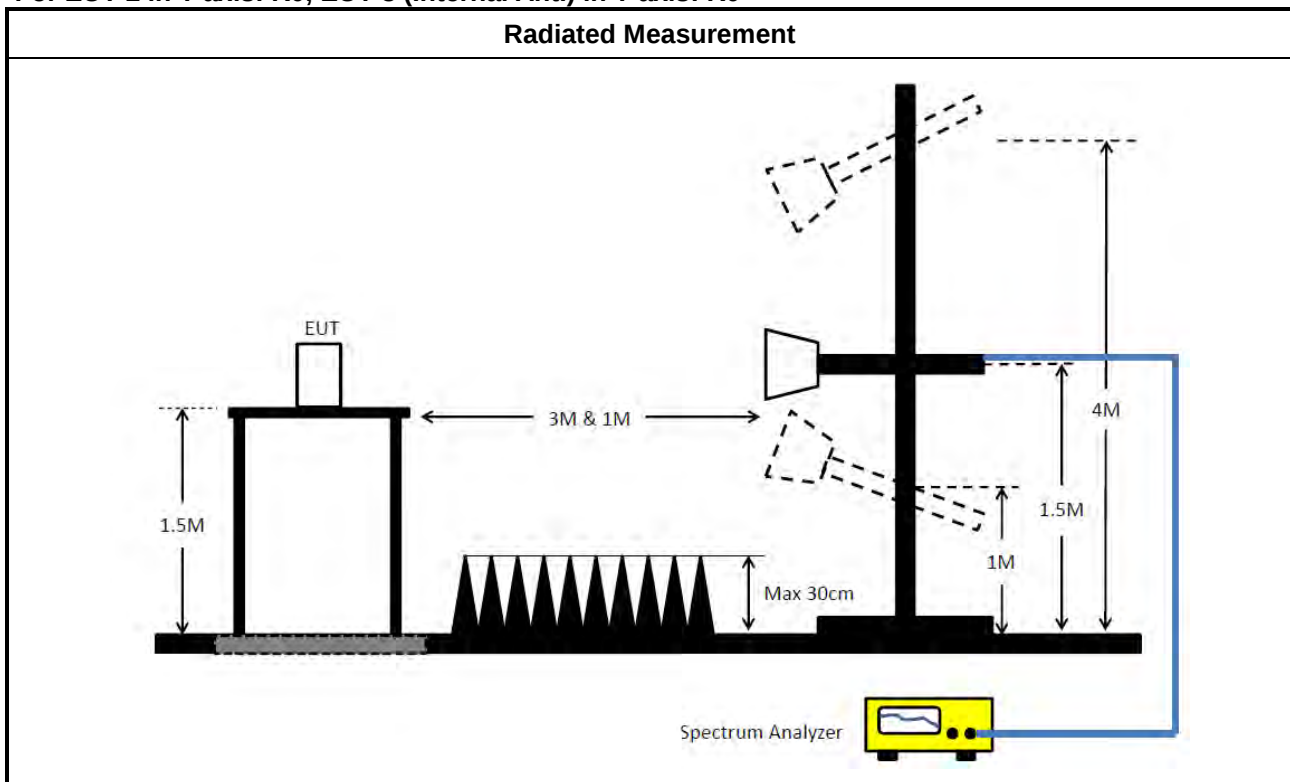
Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search 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 EUT 1: R3, EUT 3 (Internal Ant.): R3))
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 EUT 2 in Y axis: R0, EUT 3 (Internal Ant.) in Y axis: R0)
- 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 EUT 1: R3, EUT 3 (Internal Ant.): R3



For EUT 2 in Y axis: R0, EUT 3 (Internal Ant.) in Y axis: R0



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

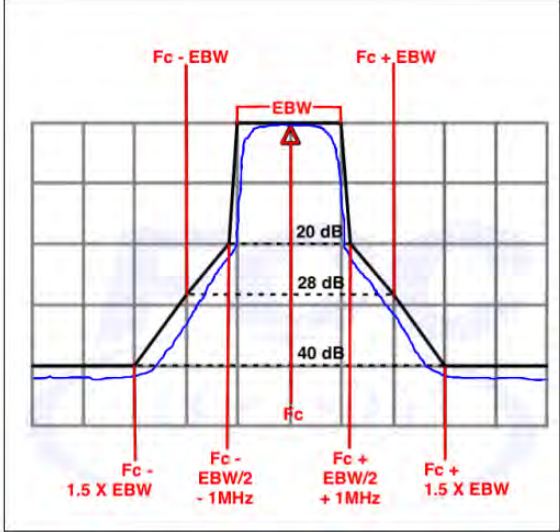
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. 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
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



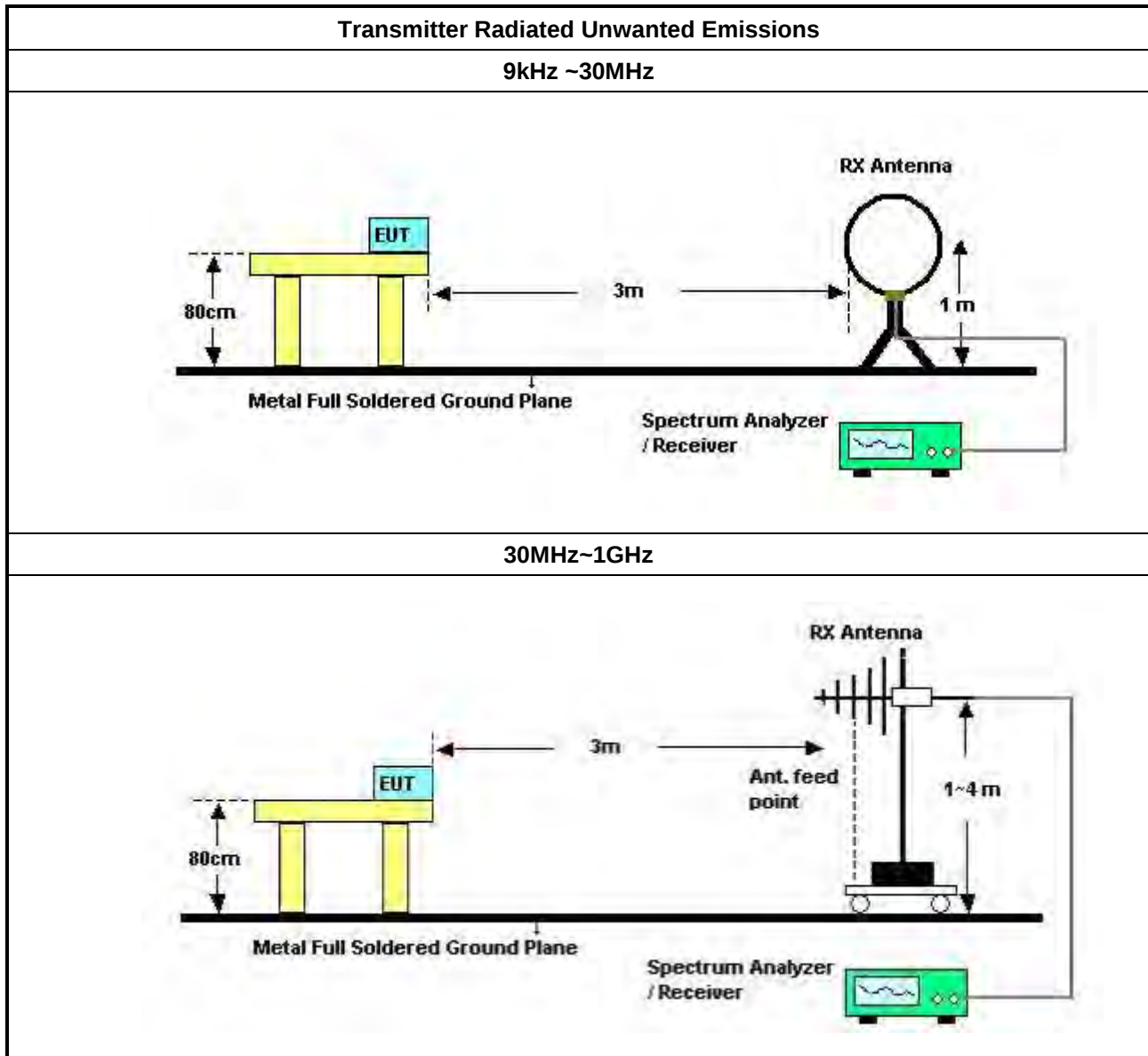
3.5.2 Measuring Instruments

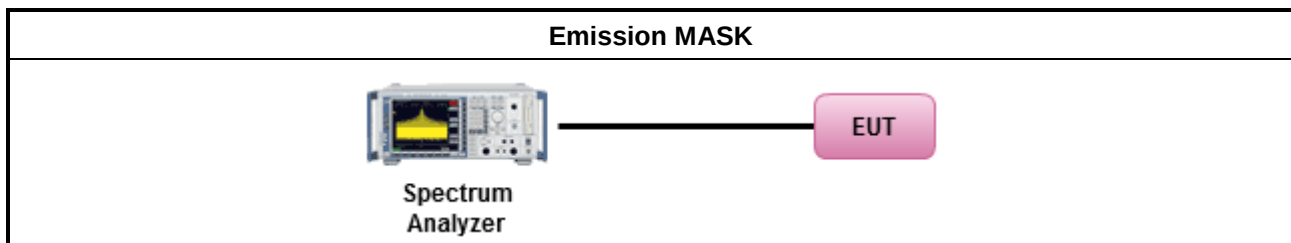
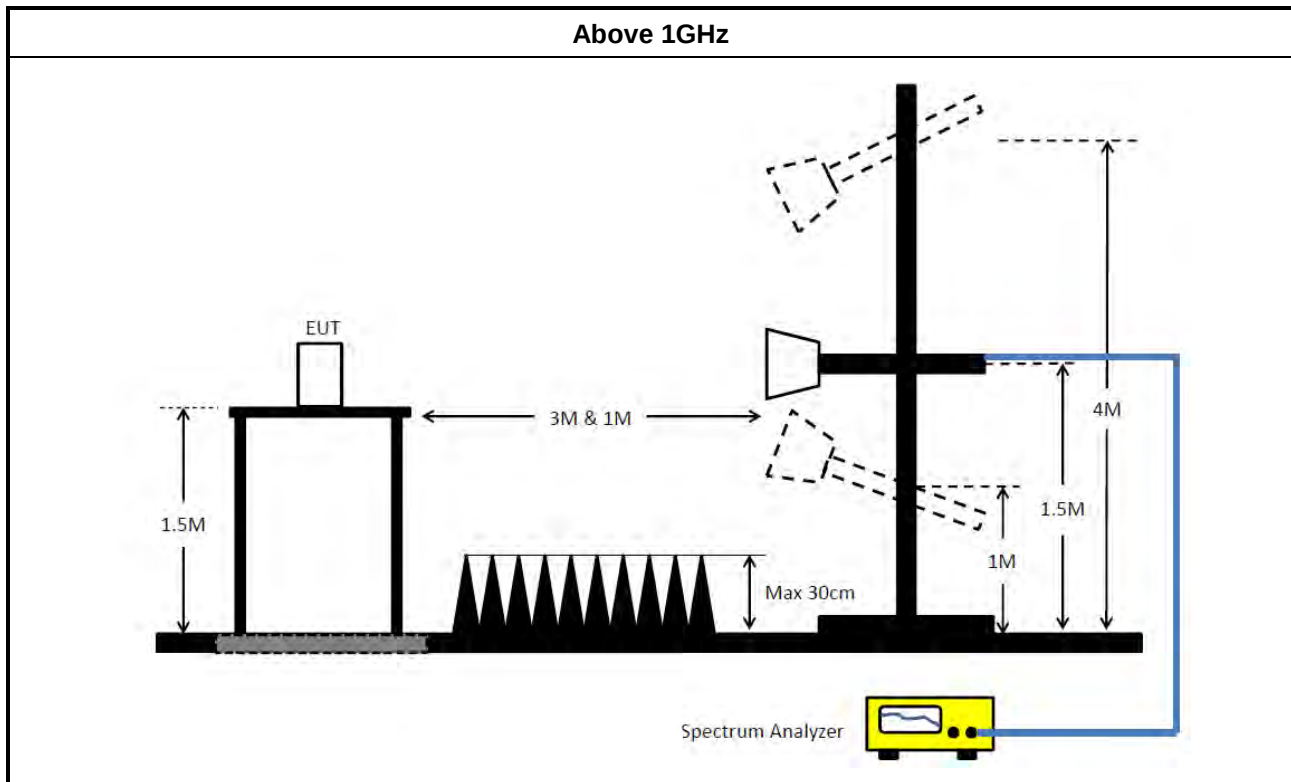
Refer a test equipment and calibration data table in this test report.

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.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

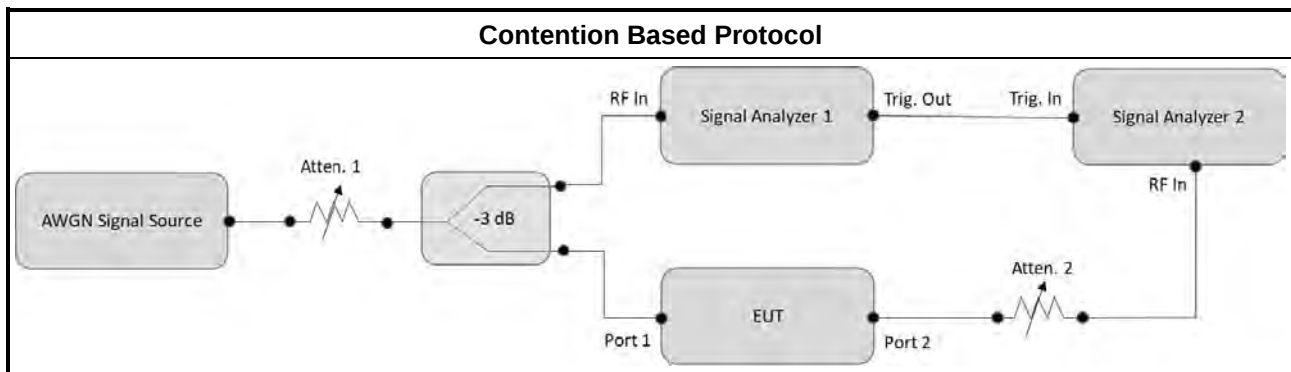
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 29, 2025	Apr. 28, 2026	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Feb. 06, 2025	Feb. 05, 2026	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 14, 2025	May 13, 2026	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
COND Cable	Woken	Cable	CO02	0.15MHz ~ 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. 17, 2024	Oct. 16, 2025	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 15, 2025	Jan. 14, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (10CH01-CB)
Bilog Ant & 6dB Attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 09, 2025	Jan. 08, 2026	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 17, 2024	Oct. 16, 2025	Radiation (10CH01-CB)
High Cable	TITAN	T318E	High cable01	30MHz ~ 18GHz	Feb. 04, 2025	Feb. 03, 2026	Radiation (10CH01-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 14, 2025	May 13, 2026	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde& Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 16, 2025	Apr. 15, 2026	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz z	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 15, 2025	Apr. 14, 2026	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	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	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
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. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz z	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 2026	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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
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. 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. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-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. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 27, 2024	Aug. 26, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH02-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	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 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.



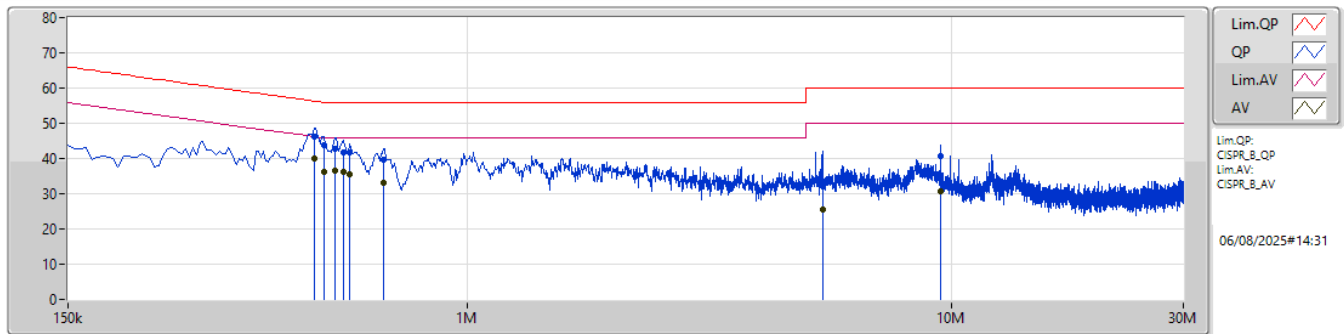
Conducted Emissions at Powerline

Appendix A

Summary

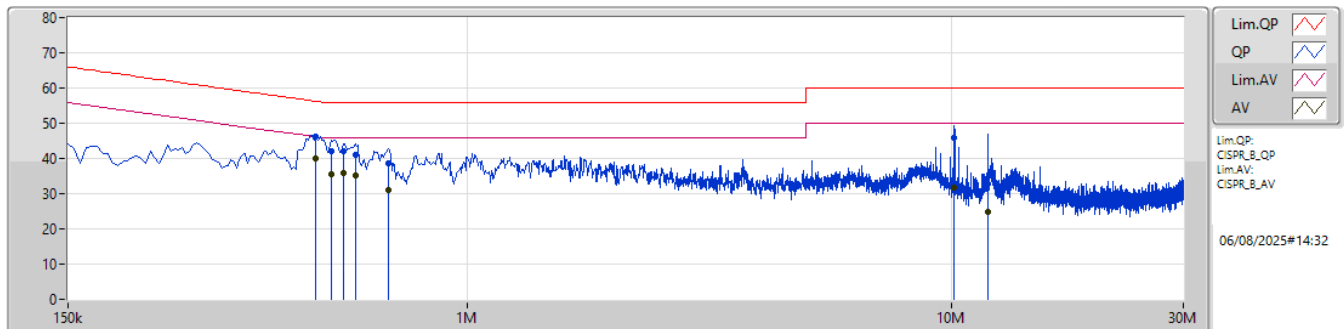
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 12	Pass	AV	487.5k	40.03	46.21	-6.18	Neutral

Mode 12



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	483k	46.14	56.29	-10.15	10.13	Line	-	36.01	0.06	0.04	10.03						
AV	483k	40.06	46.29	-6.23	10.13	Line	"Worst"	29.93	0.06	0.04	10.03						
QP	505.5k	43.68	56.00	-12.32	10.12	Line	-	33.56	0.06	0.03	10.03						
AV	505.5k	36.23	46.00	-9.77	10.12	Line	-	26.11	0.06	0.03	10.03						
QP	532.5k	42.91	56.00	-13.09	10.12	Line	-	32.79	0.06	0.03	10.03						
AV	532.5k	36.49	46.00	-9.51	10.12	Line	-	26.37	0.06	0.03	10.03						
QP	555k	41.86	56.00	-14.14	10.12	Line	-	31.74	0.06	0.03	10.03						
AV	555k	36.07	46.00	-9.93	10.12	Line	-	25.95	0.06	0.03	10.03						
QP	573k	41.65	56.00	-14.35	10.12	Line	-	31.53	0.06	0.03	10.03						
AV	573k	35.63	46.00	-10.37	10.12	Line	-	25.51	0.06	0.03	10.03						
QP	672k	39.53	56.00	-16.47	10.13	Line	-	29.40	0.07	0.03	10.03						
AV	672k	33.20	46.00	-12.80	10.13	Line	-	23.07	0.07	0.03	10.03						
QP	5.402M	32.18	60.00	-27.82	10.23	Line	-	21.95	0.16	0.03	10.04						
AV	5.402M	25.58	50.00	-24.42	10.23	Line	-	15.35	0.16	0.03	10.04						
QP	9.483M	40.65	60.00	-19.35	10.27	Line	-	30.38	0.22	0.04	10.01						
AV	9.483M	30.61	50.00	-19.39	10.27	Line	-	20.34	0.22	0.04	10.01						

Mode 12



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	487.5k	46.37	56.21	-9.84	10.14	Neutral	-	36.23	0.07	0.04	10.03						
AV	487.5k	40.03	46.21	-6.18	10.14	Neutral	"Worst"	29.89	0.07	0.04	10.03						
QP	523.5k	42.22	56.00	-13.78	10.13	Neutral	-	32.09	0.07	0.03	10.03						
AV	523.5k	35.56	46.00	-10.44	10.13	Neutral	-	25.43	0.07	0.03	10.03						
QP	555k	41.97	56.00	-14.03	10.13	Neutral	-	31.84	0.07	0.03	10.03						
AV	555k	36.00	46.00	-10.00	10.13	Neutral	-	25.87	0.07	0.03	10.03						
QP	586.5k	41.16	56.00	-14.84	10.13	Neutral	-	31.03	0.07	0.03	10.03						
AV	586.5k	35.17	46.00	-10.83	10.13	Neutral	-	25.04	0.07	0.03	10.03						
QP	685.5k	38.58	56.00	-17.42	10.14	Neutral	-	28.44	0.08	0.03	10.03						
AV	685.5k	31.14	46.00	-14.86	10.14	Neutral	-	21.00	0.08	0.03	10.03						
QP	10.118M	45.92	60.00	-14.08	10.26	Neutral	-	35.66	0.21	0.04	10.01						
AV	10.118M	31.87	50.00	-18.13	10.26	Neutral	-	21.61	0.21	0.04	10.01						
QP	11.868M	32.85	60.00	-27.15	10.28	Neutral	-	22.57	0.22	0.04	10.02						
AV	11.868M	24.85	50.00	-25.15	10.28	Neutral	-	14.57	0.22	0.04	10.02						

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	21.505M	19.099M	19M1D1D	21.395M	19.069M
802.11ax HEW40_Nss1,(MCS0)_1TX	42.57M	37.881M	37M9D1D	40.7M	37.813M
802.11ax HEW80_Nss1,(MCS0)_1TX	124.96M	77.889M	77M9D1D	97.24M	77.632M
802.11ax HEW160_Nss1,(MCS0)_1TX	310.64M	158.523M	159MD1D	176.44M	156.899M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.725M	19.121M	19M1D1D	21.505M	19.083M
802.11ax HEW40_Nss1,(MCS0)_1TX	44M	37.858M	37M9D1D	40.59M	37.841M
802.11ax HEW80_Nss1,(MCS0)_1TX	129.8M	78.025M	78M0D1D	128.26M	77.98M
802.11ax HEW160_Nss1,(MCS0)_1TX	282.04M	158.32M	158MD1D	282.04M	158.32M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.67M	19.088M	19M1D1D	21.505M	19.081M
802.11ax HEW40_Nss1,(MCS0)_1TX	48.95M	37.856M	37M9D1D	40.48M	37.82M
802.11ax HEW80_Nss1,(MCS0)_1TX	132.44M	77.951M	78M0D1D	115.06M	77.83M
802.11ax HEW160_Nss1,(MCS0)_1TX	298.32M	158.448M	158MD1D	297.88M	158.274M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.56M	19.108M	19M1D1D	21.505M	19.084M
802.11ax HEW40_Nss1,(MCS0)_1TX	49.17M	37.89M	37M9D1D	45.32M	37.854M
802.11ax HEW80_Nss1,(MCS0)_1TX	131.78M	77.873M	77M9D1D	120.56M	77.854M
802.11ax HEW160_Nss1,(MCS0)_1TX	194.04M	156.984M	157MD1D	194.04M	156.984M

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

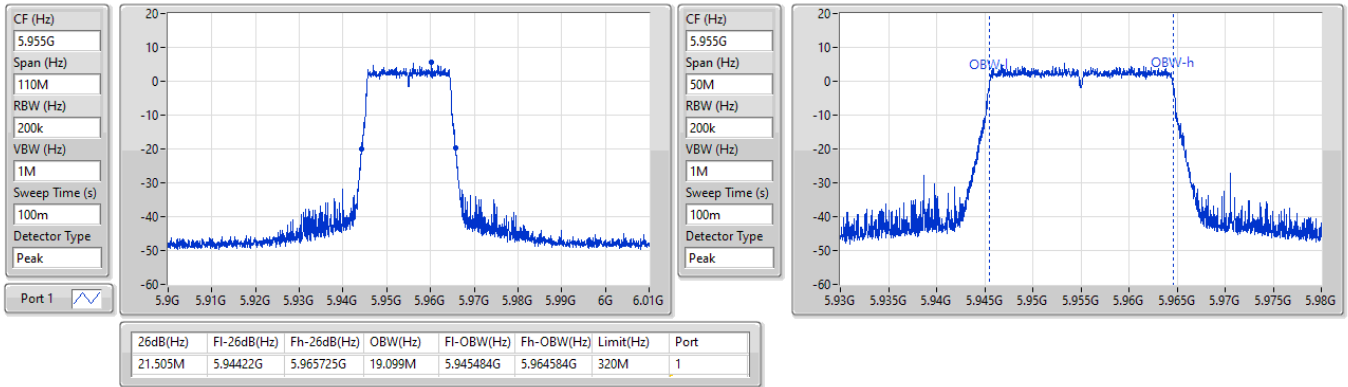
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	320M	21.505M	19.099M
6195MHz	Pass	320M	21.395M	19.088M
6415MHz	Pass	320M	21.45M	19.069M
6435MHz	Pass	320M	21.505M	19.121M
6475MHz	Pass	320M	21.67M	19.093M
6515MHz	Pass	320M	21.725M	19.083M
6535MHz	Pass	320M	21.67M	19.088M
6695MHz	Pass	320M	21.67M	19.081M
6875MHz	Pass	320M	21.505M	19.085M
6895MHz	Pass	320M	21.56M	19.1M
6995MHz	Pass	320M	21.505M	19.108M
7095MHz	Pass	320M	21.505M	19.084M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	320M	42.57M	37.813M
6205MHz	Pass	320M	40.7M	37.861M
6405MHz	Pass	320M	42.35M	37.881M
6445MHz	Pass	320M	40.59M	37.858M
6485MHz	Pass	320M	44M	37.841M
6525MHz	Pass	320M	42.24M	37.856M
6565MHz	Pass	320M	40.7M	37.82M
6685MHz	Pass	320M	40.48M	37.826M
6885MHz	Pass	320M	48.95M	37.856M
6925MHz	Pass	320M	45.32M	37.854M
7005MHz	Pass	320M	45.43M	37.87M
7085MHz	Pass	320M	49.17M	37.89M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	320M	97.24M	77.632M
6225MHz	Pass	320M	112.86M	77.674M
6385MHz	Pass	320M	124.96M	77.889M
6465MHz	Pass	320M	128.26M	77.98M
6545MHz	Pass	320M	129.8M	78.025M
6625MHz	Pass	320M	123.64M	77.893M
6705MHz	Pass	320M	115.06M	77.83M
6785MHz	Pass	320M	123.64M	77.872M
6865MHz	Pass	320M	132.44M	77.951M
6945MHz	Pass	320M	120.56M	77.854M
7025MHz	Pass	320M	131.78M	77.873M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	320M	176.44M	156.899M
6185MHz	Pass	320M	297.88M	158.351M
6345MHz	Pass	320M	310.64M	158.523M
6505MHz	Pass	320M	282.04M	158.32M
6665MHz	Pass	320M	297.88M	158.448M
6825MHz	Pass	320M	298.32M	158.274M
6985MHz	Pass	320M	194.04M	156.984M

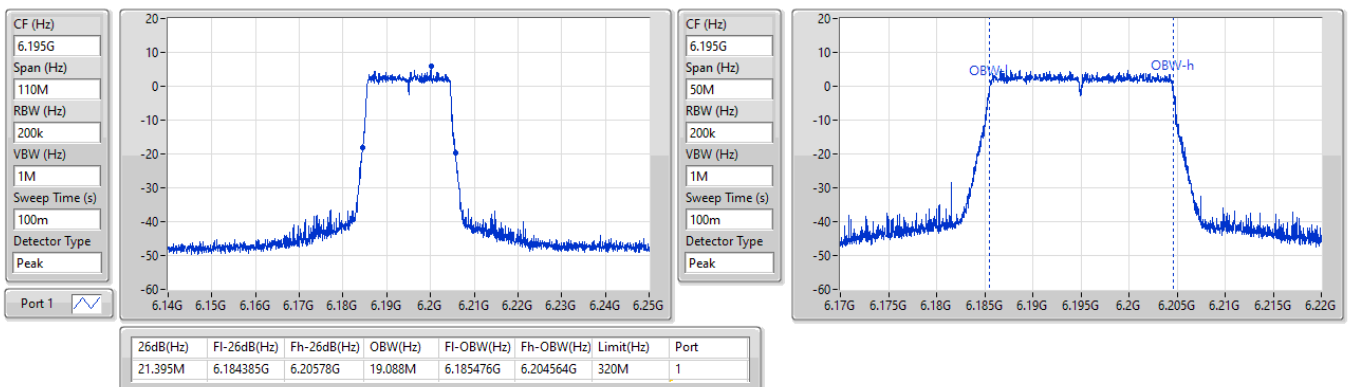
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

02/07/2025

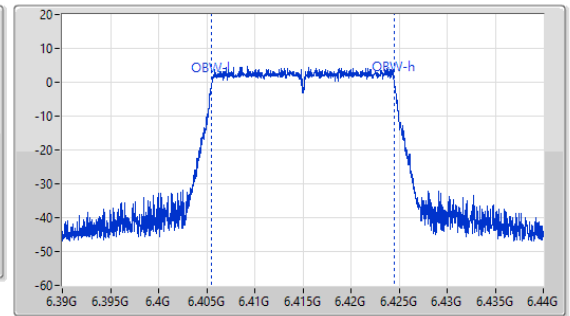
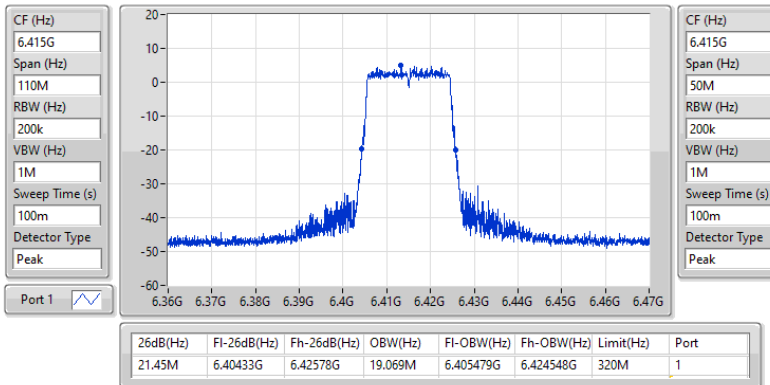

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

02/07/2025

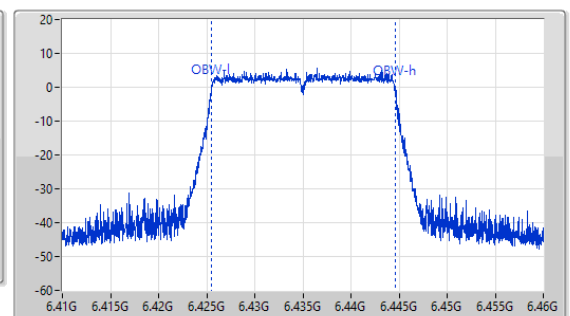
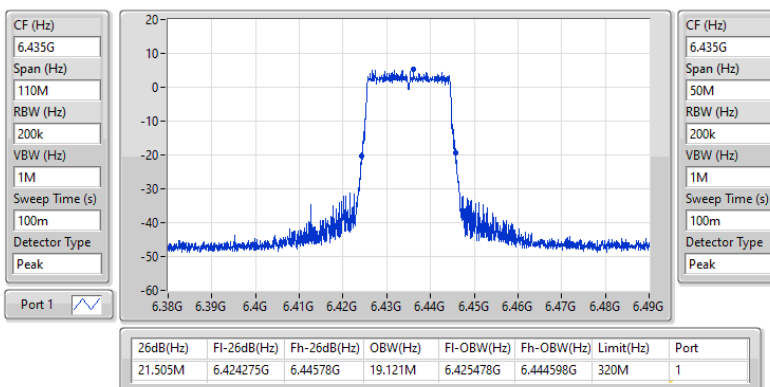


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

02/07/2025


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

02/07/2025

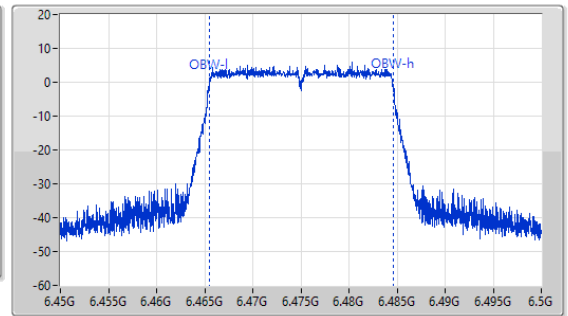
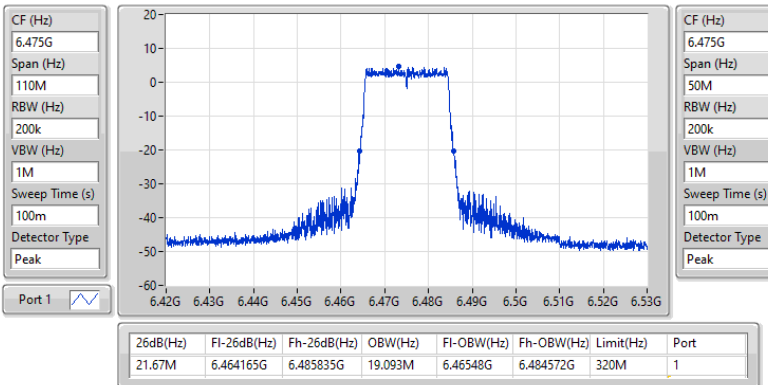


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

02/07/2025

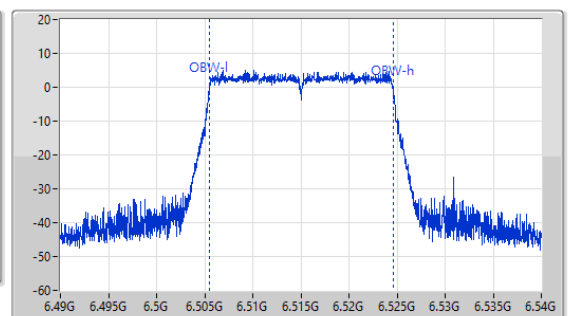
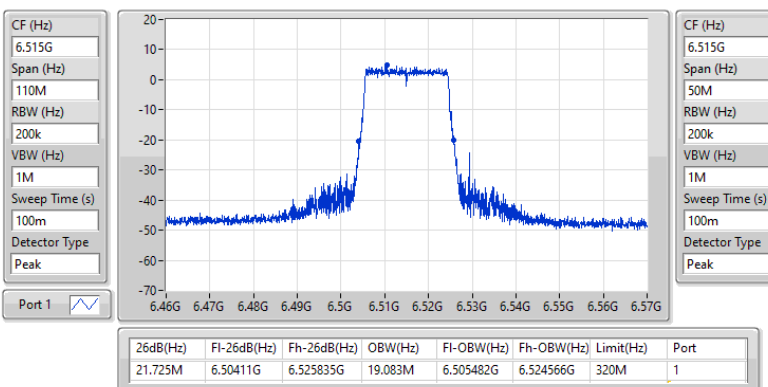


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

02/07/2025

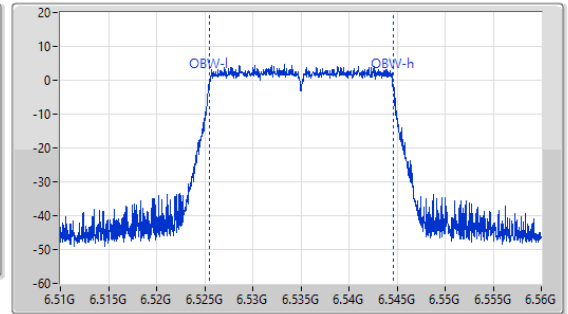
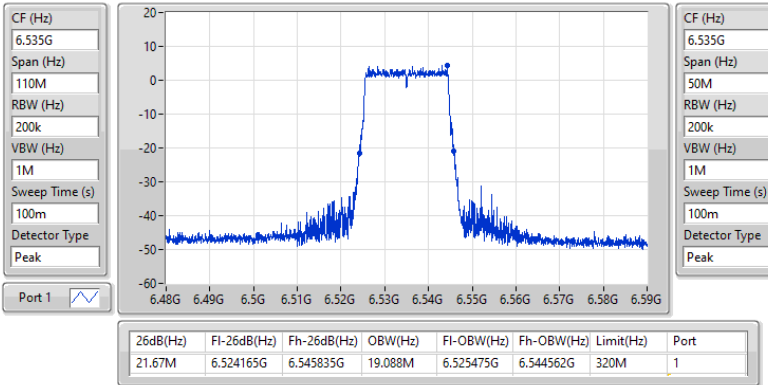


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

02/07/2025

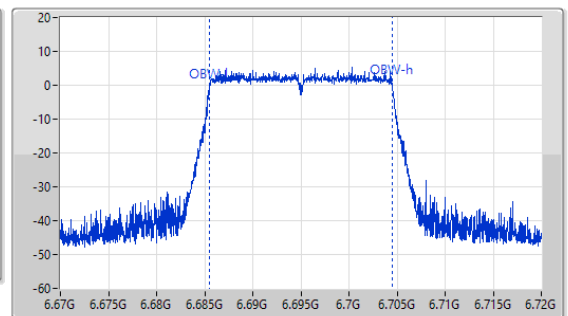
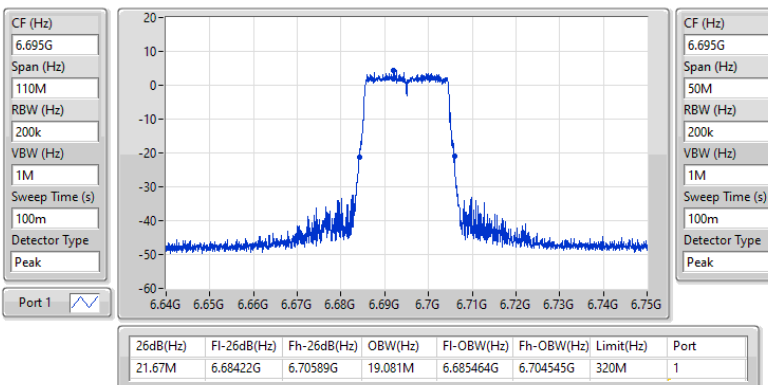


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

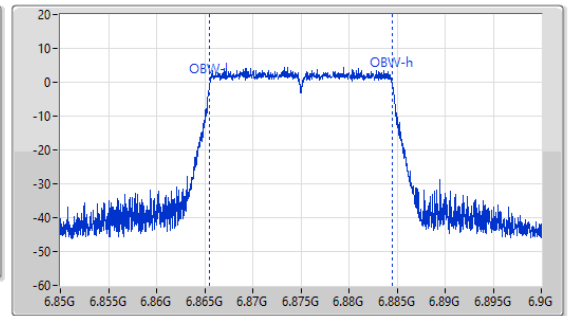
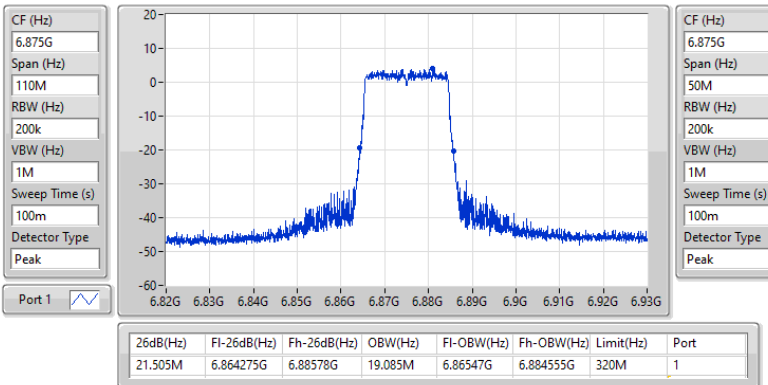
6695MHz

02/07/2025

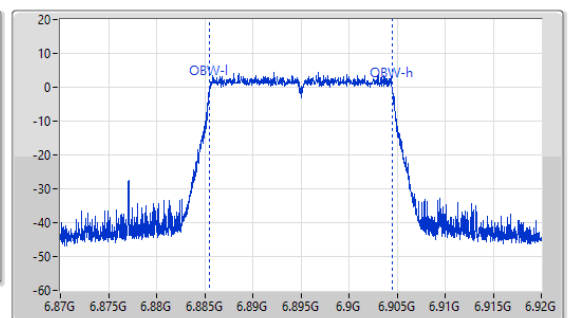
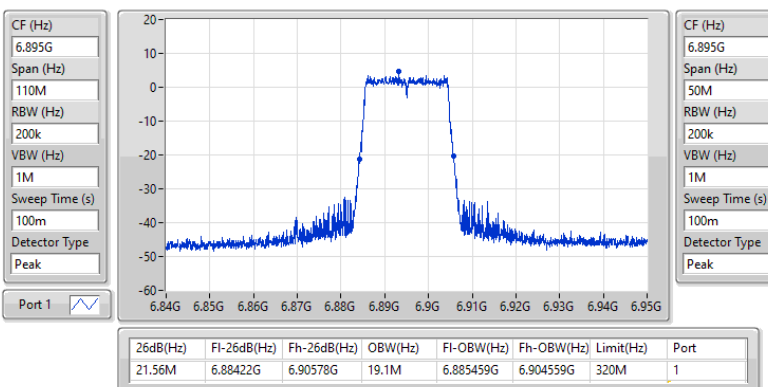


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6875MHz

02/07/2025


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

02/07/2025

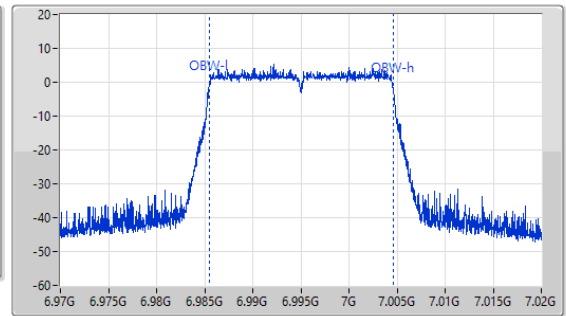
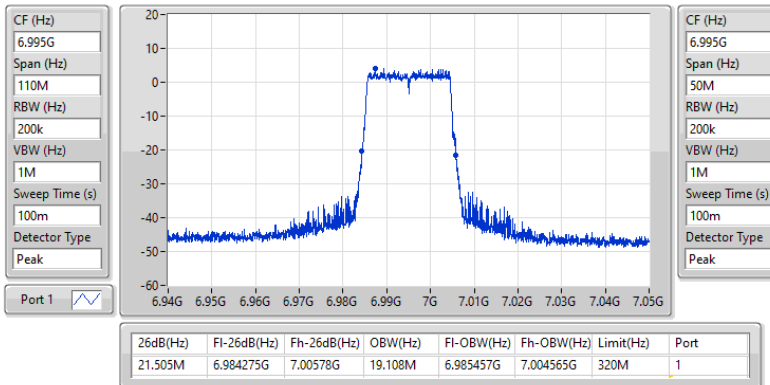


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

02/07/2025

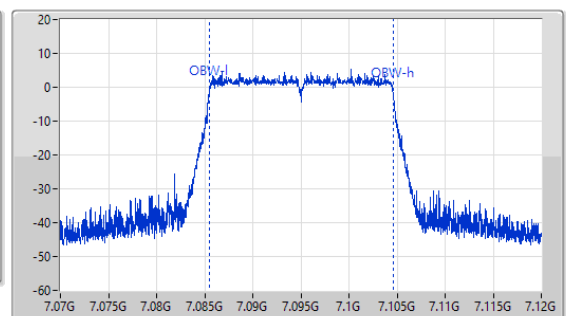
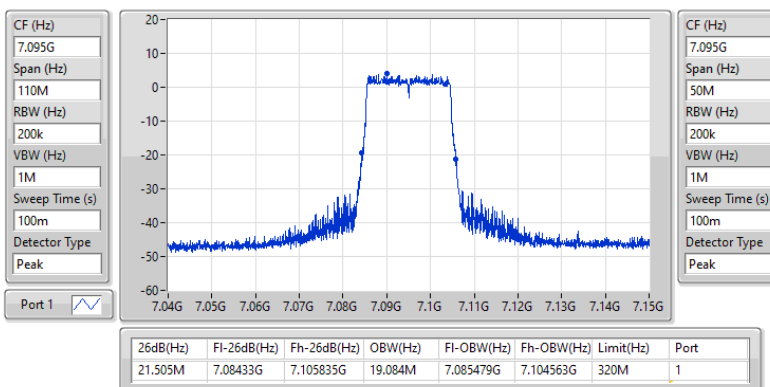


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

02/07/2025

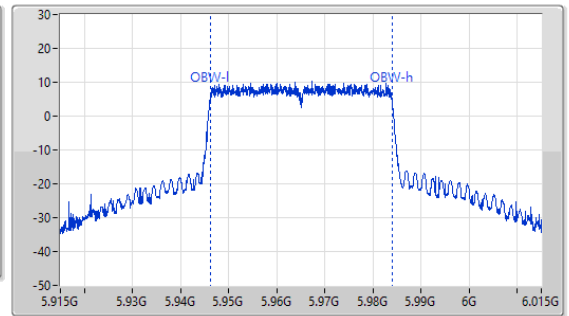
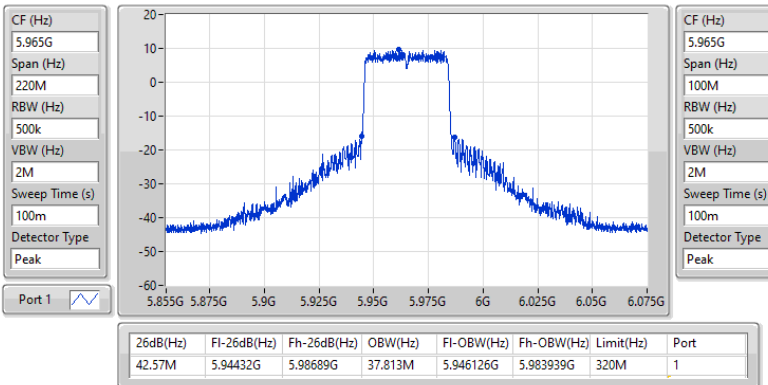


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5965MHz

02/07/2025

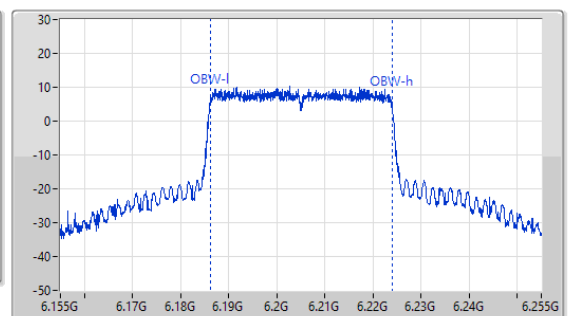
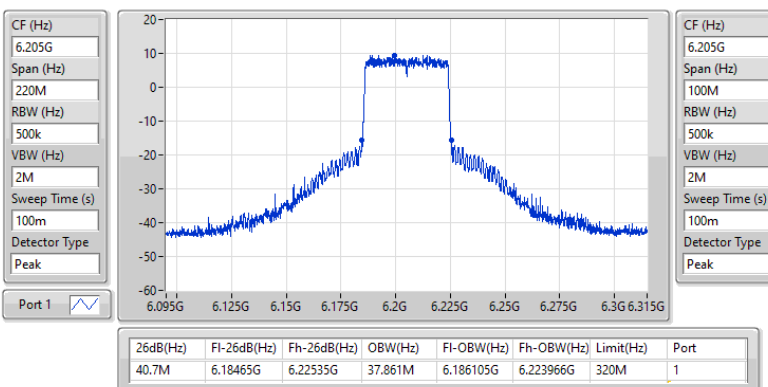


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6205MHz

02/07/2025

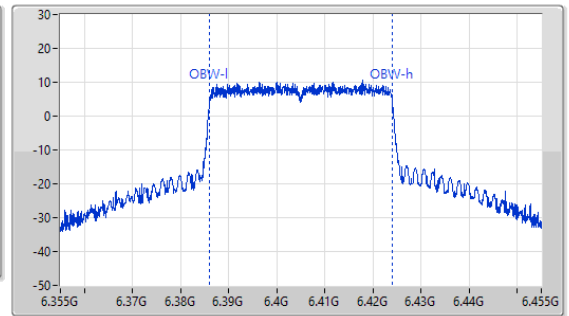
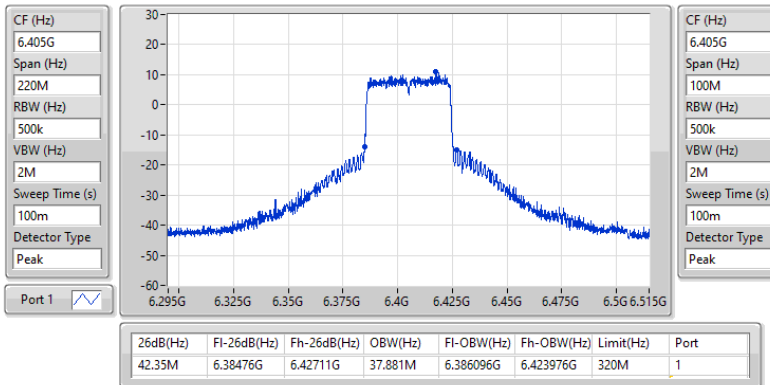


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6405MHz

02/07/2025

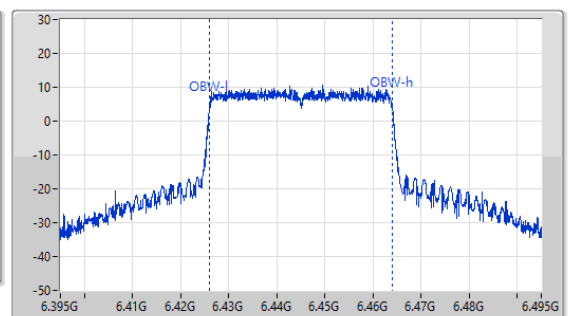
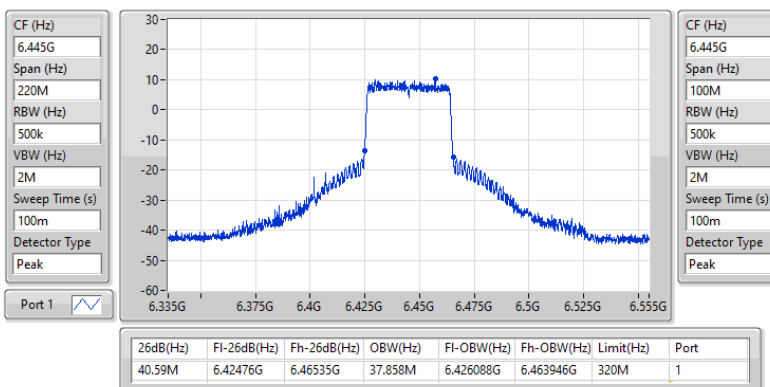


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

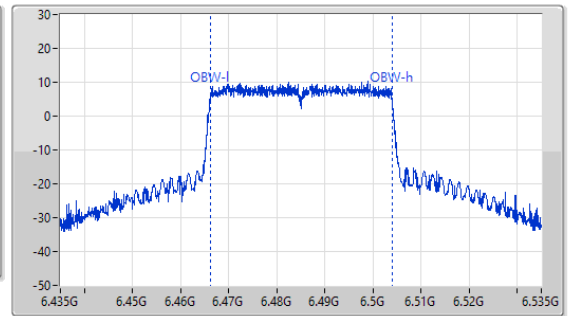
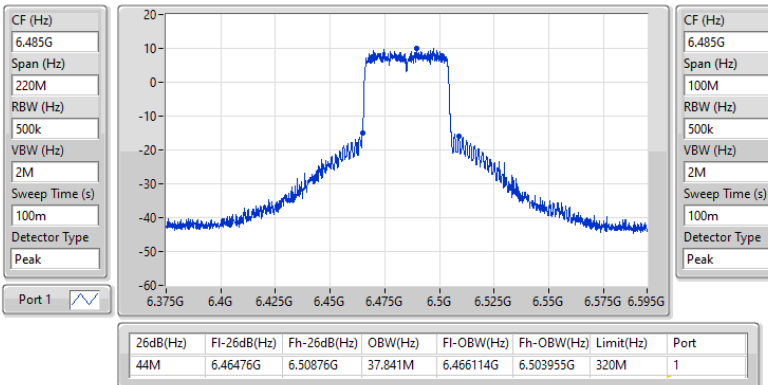
6445MHz

02/07/2025

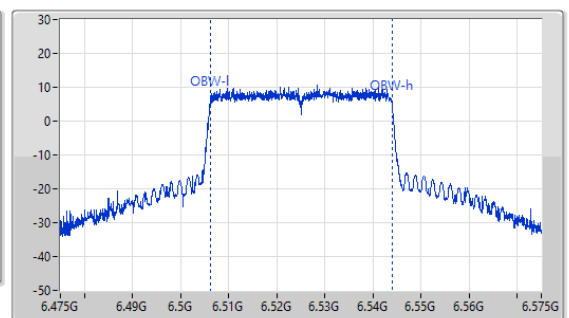
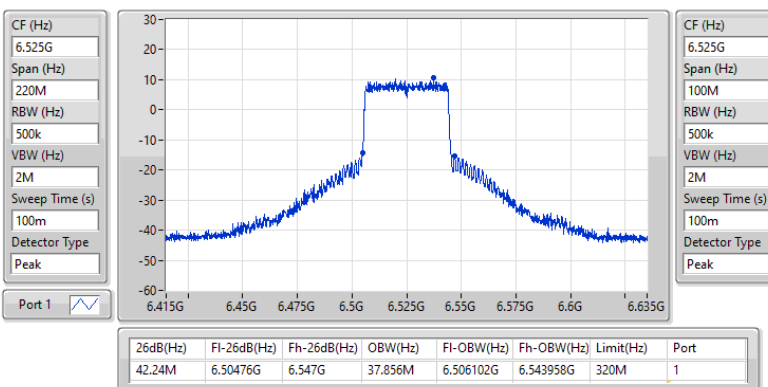


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6485MHz

02/07/2025

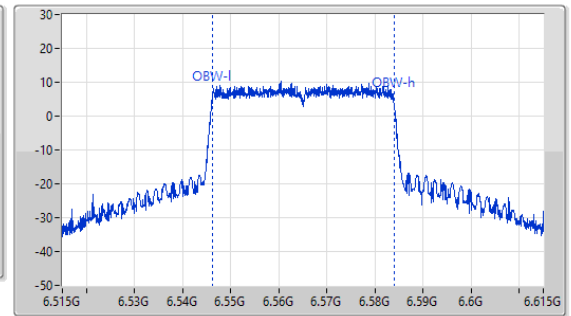
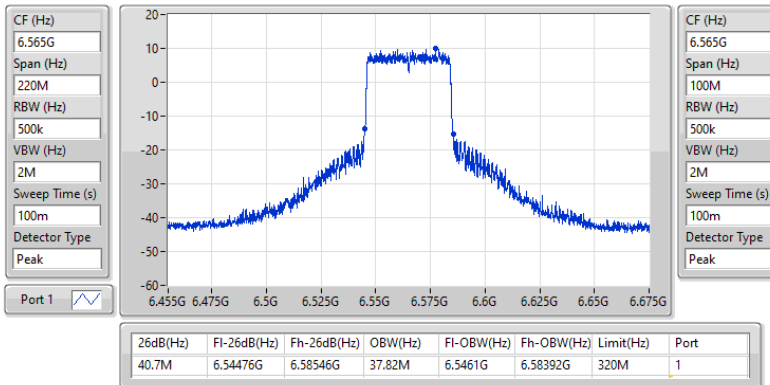

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6525MHz

02/07/2025

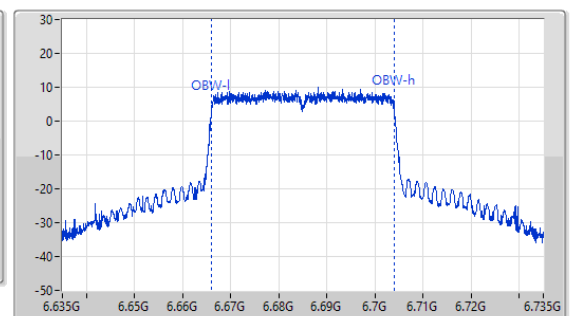
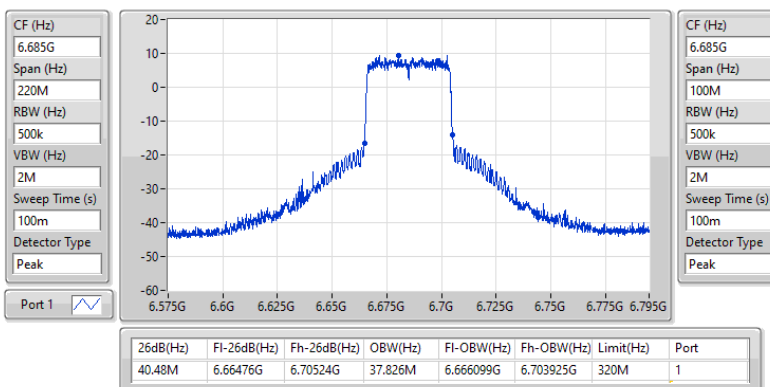


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6565MHz

02/07/2025

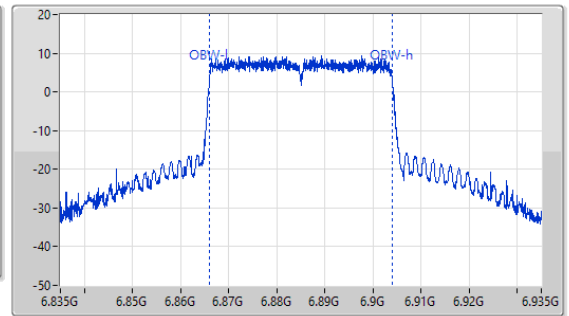
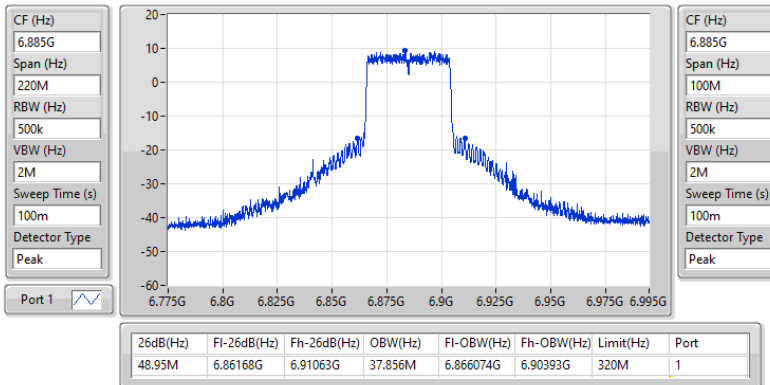

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

02/07/2025

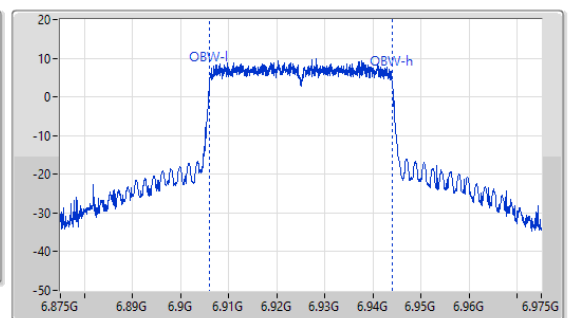
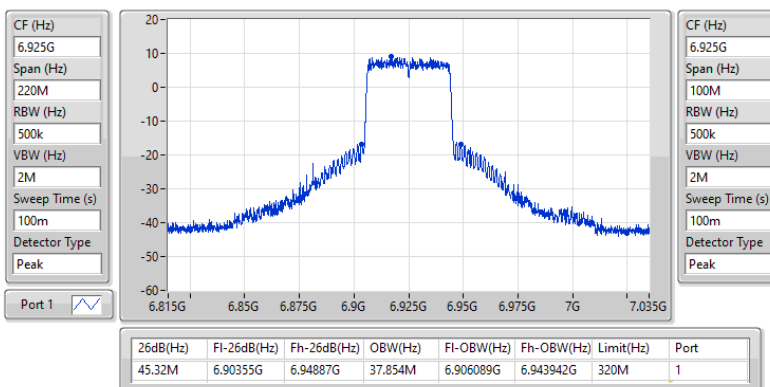


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6885MHz

02/07/2025

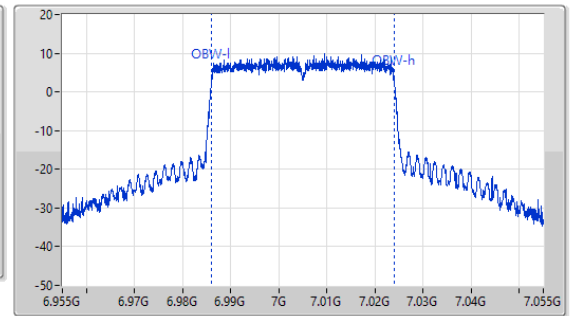
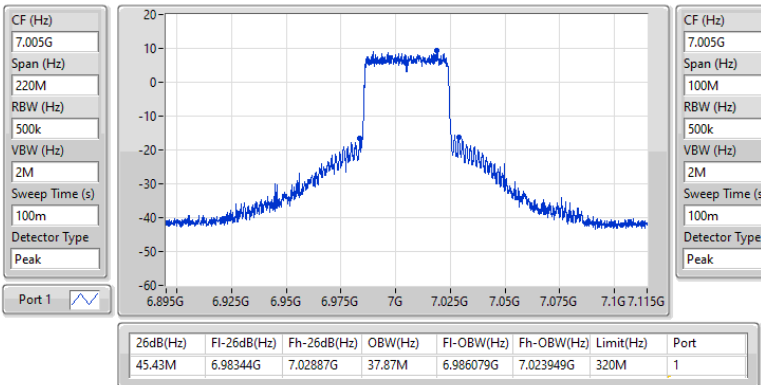

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6925MHz

02/07/2025

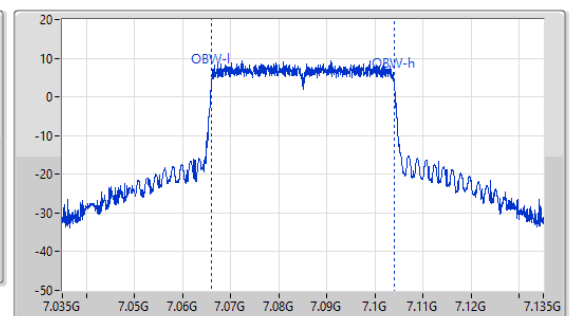
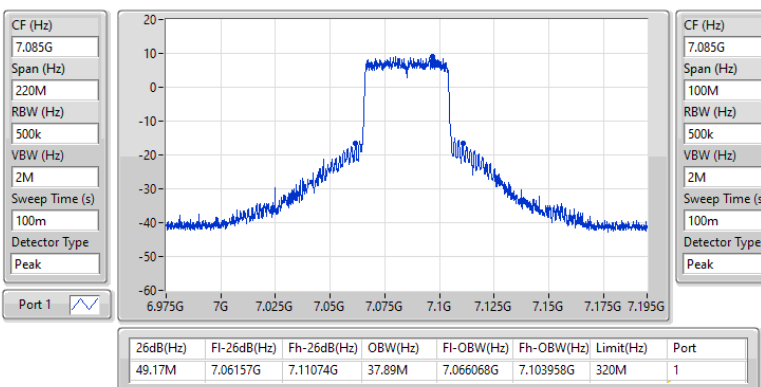


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7005MHz

02/07/2025

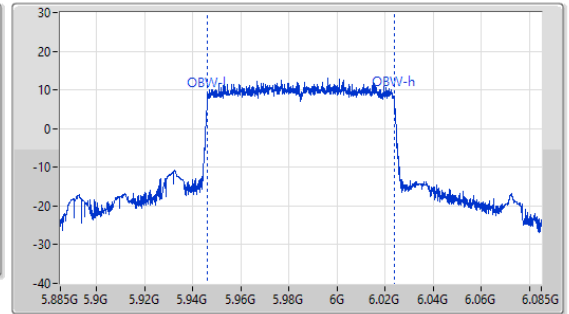
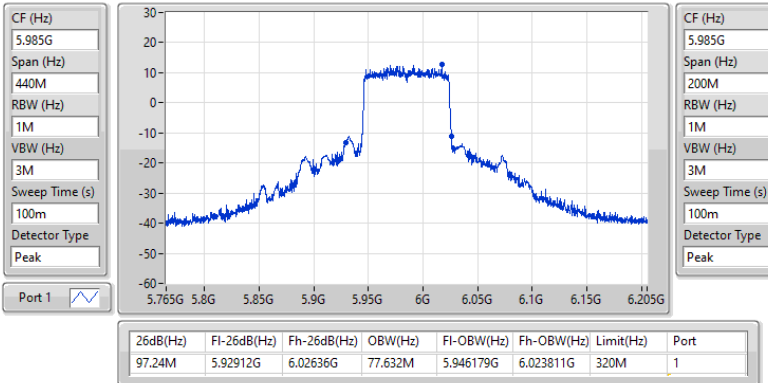

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7085MHz

02/07/2025

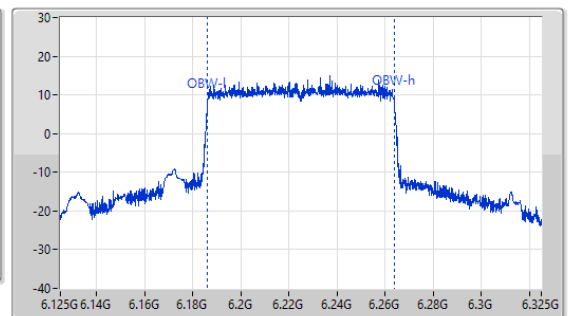
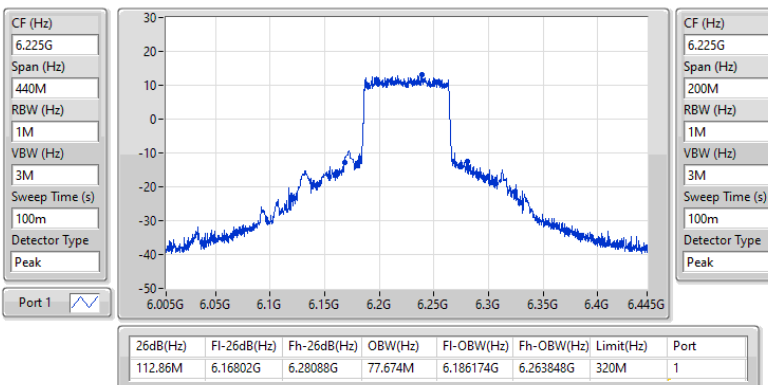


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5985MHz

02/07/2025


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6225MHz

02/07/2025

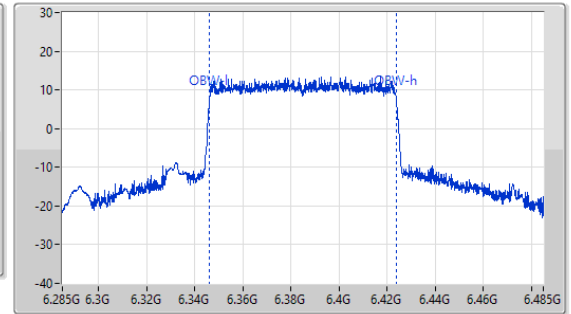
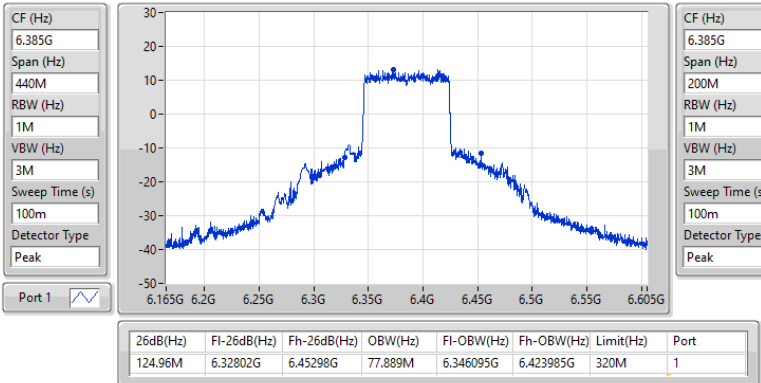


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6385MHz

02/07/2025

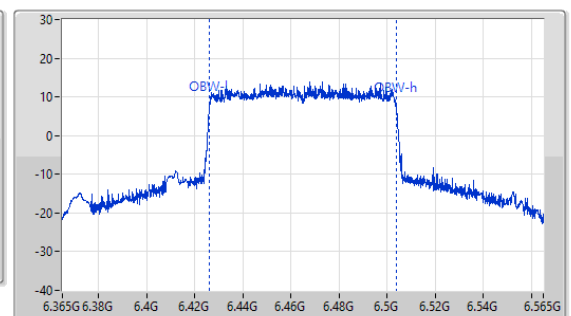
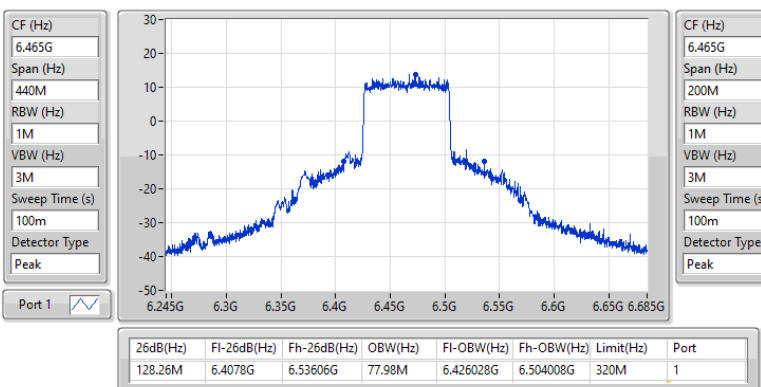


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

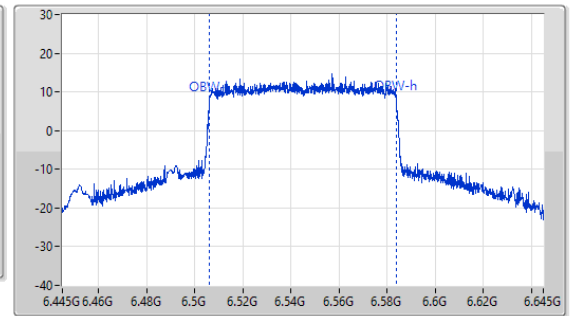
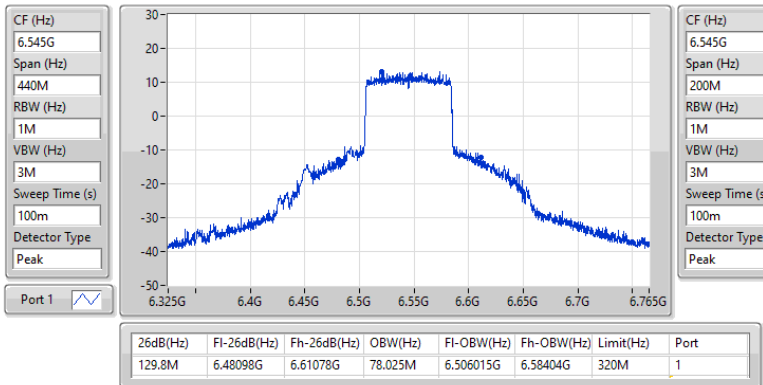
6465MHz

02/07/2025

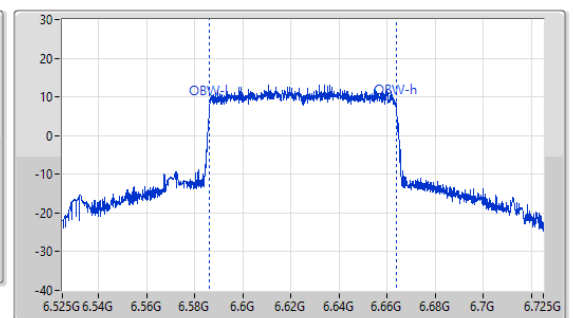
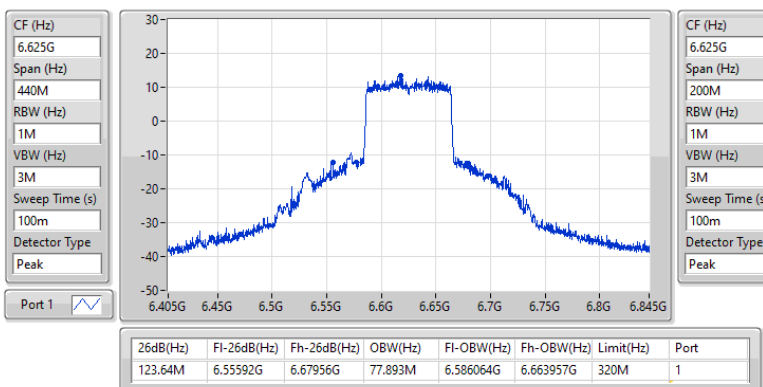


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6545MHz

02/07/2025

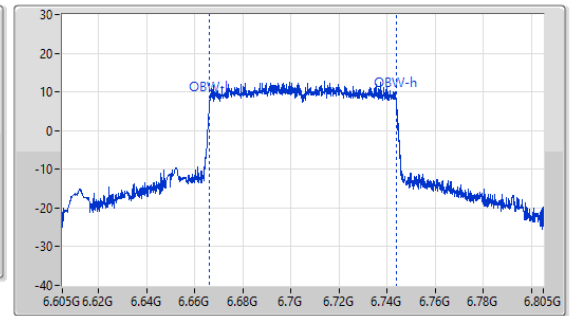
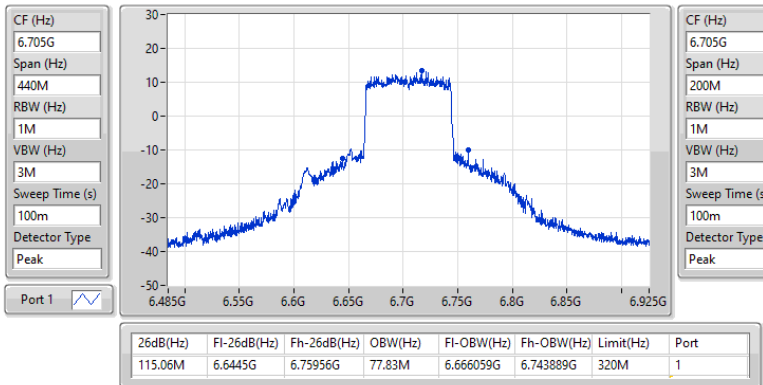

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6625MHz

02/07/2025

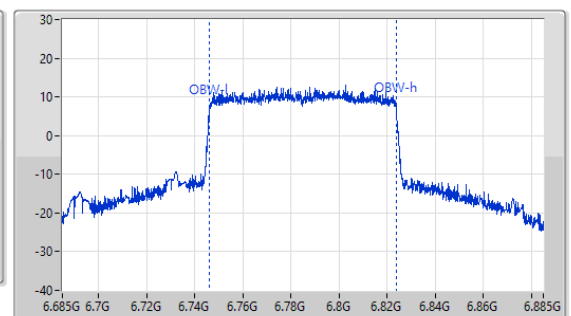
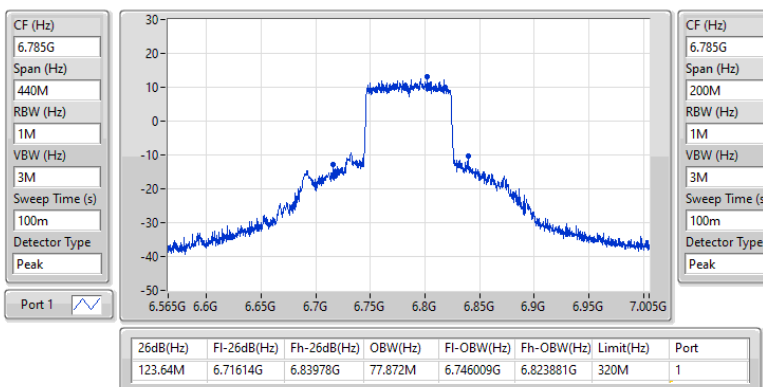


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6705MHz

02/07/2025

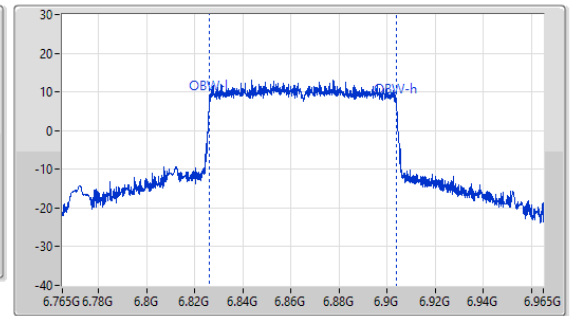
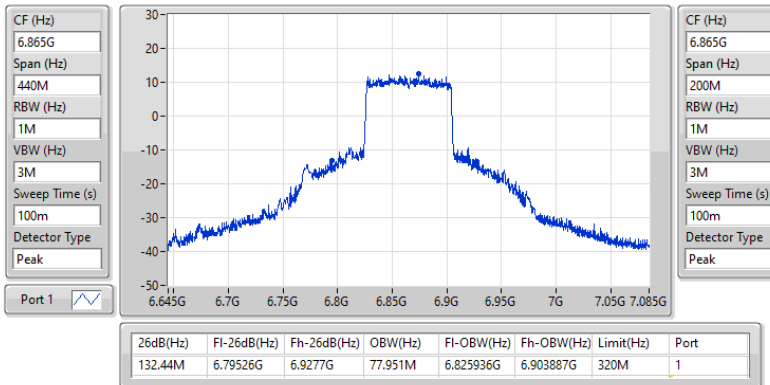

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6785MHz

02/07/2025

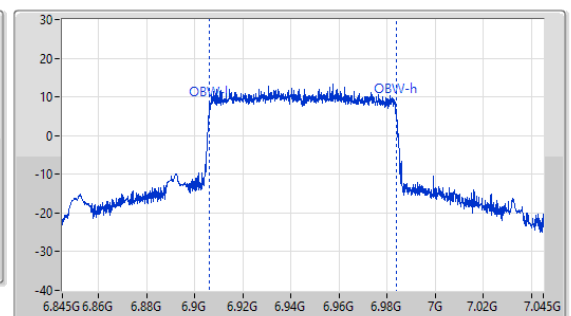
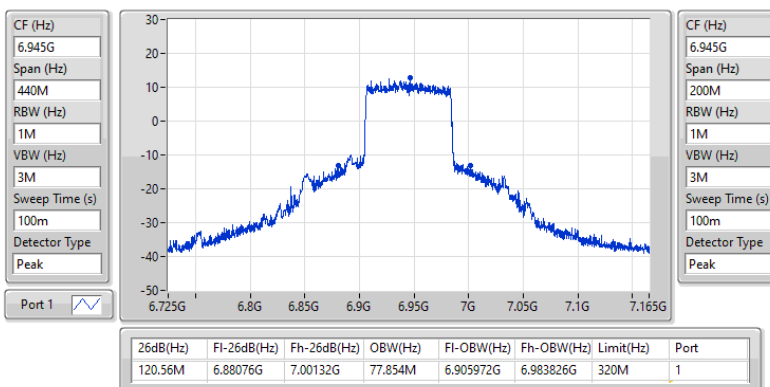


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6865MHz

02/07/2025

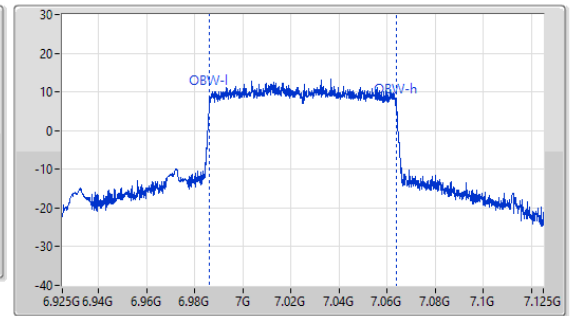
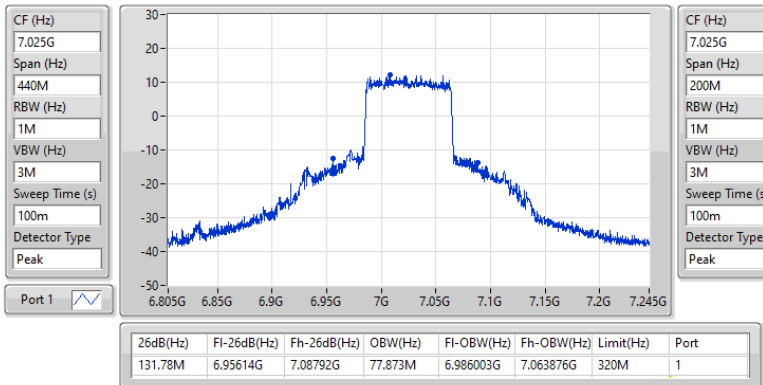

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6945MHz

02/07/2025

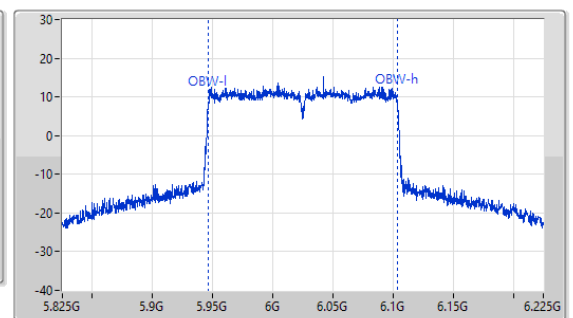
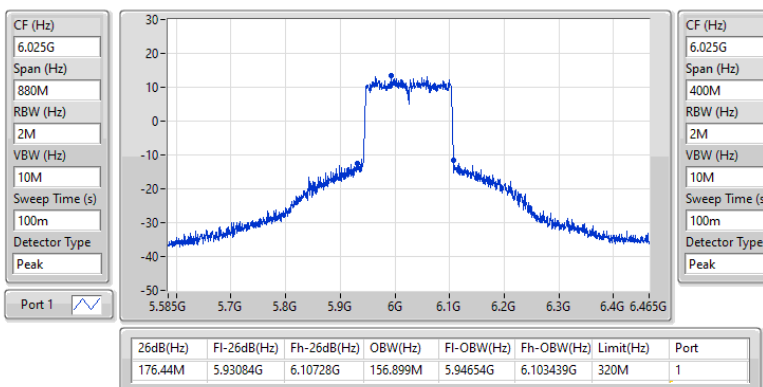


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
7025MHz

02/07/2025


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6025MHz

02/07/2025

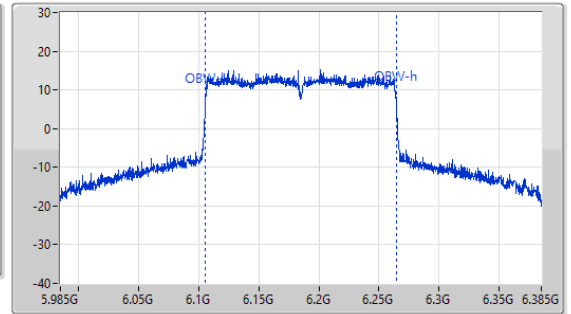
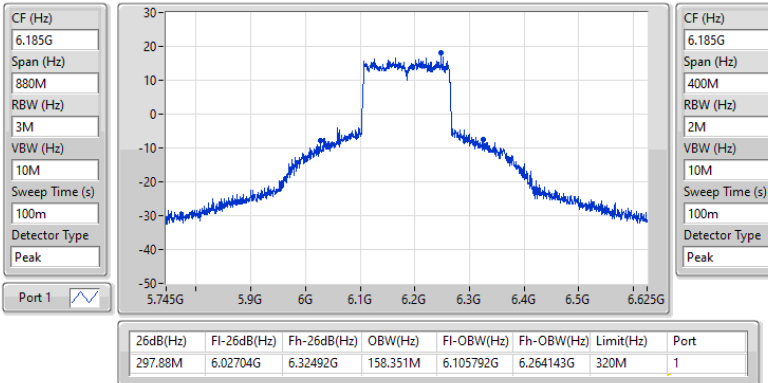


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6185MHz

02/07/2025

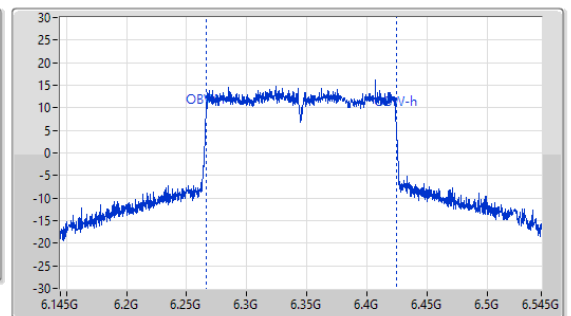
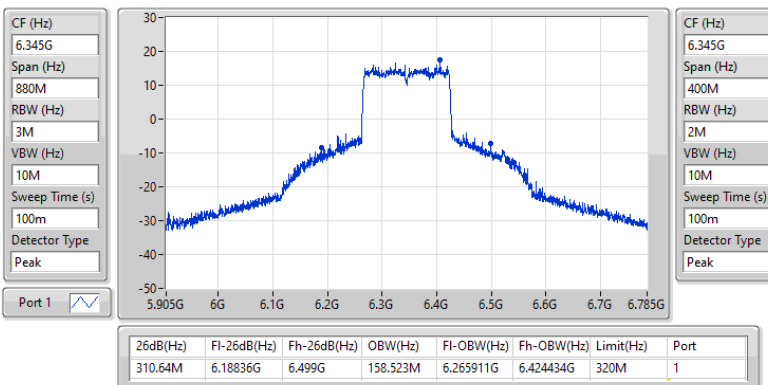


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

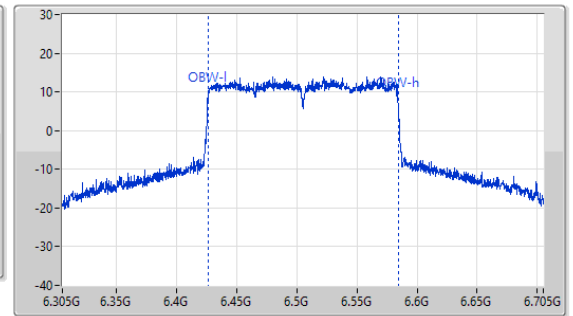
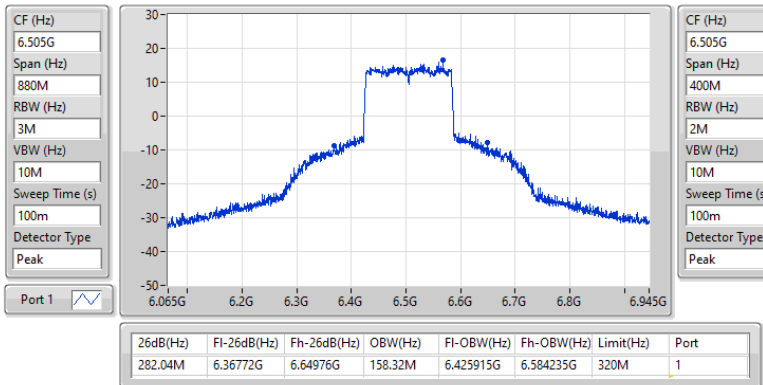
6345MHz

02/07/2025

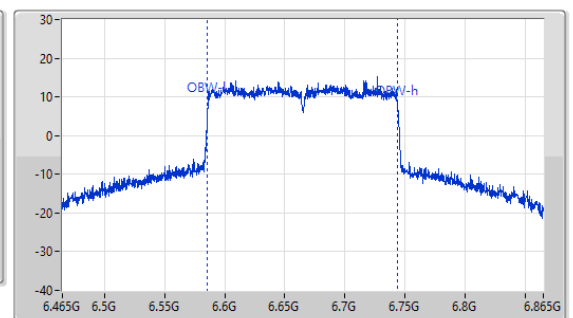
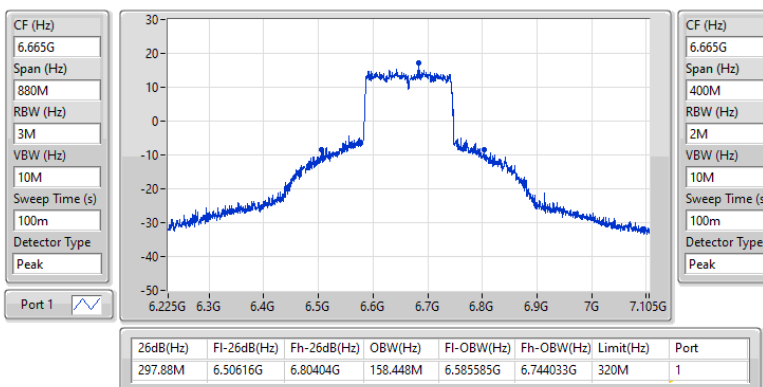


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6505MHz

02/07/2025


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6665MHz

02/07/2025

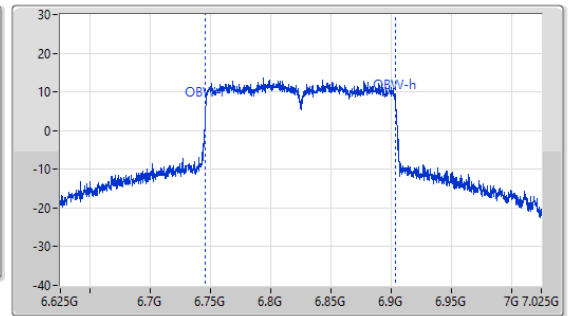
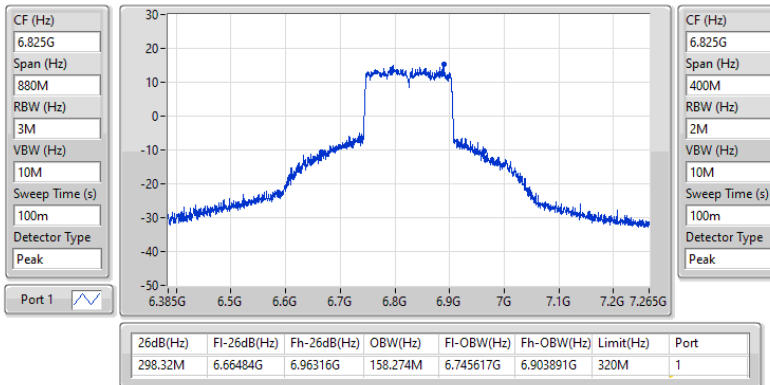


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6825MHz

02/07/2025

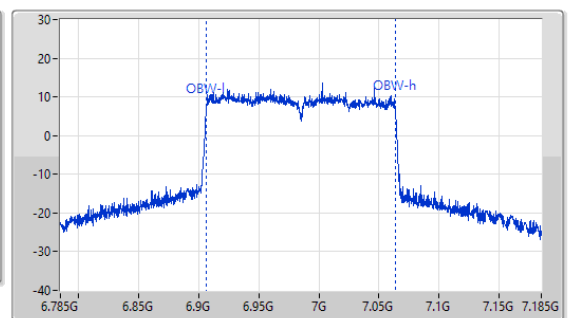
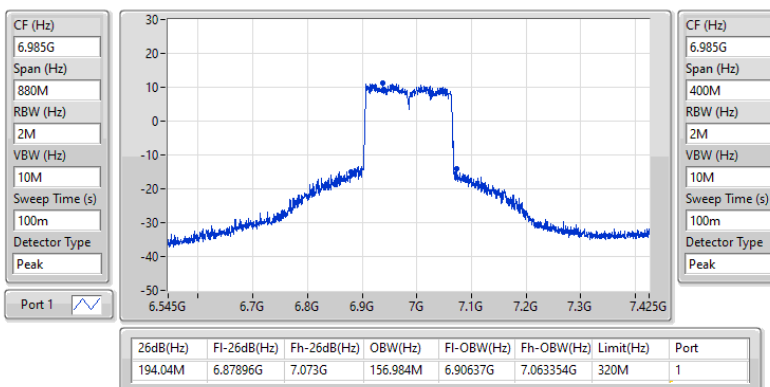


6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6985MHz

02/07/2025



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.505M	19.091M	19M1D1D	20.735M	18.915M
802.11be EHT40_Nss1,(MCS0)_4TX	40.37M	37.825M	37M8D1D	39.16M	37.589M
802.11be EHT80_Nss1,(MCS0)_4TX	82.28M	77.415M	77M4D1D	80.08M	76.757M
802.11be EHT160_Nss1,(MCS0)_4TX	173.36M	156.823M	157MD1D	161.48M	155.439M
802.11be EHT320_Nss1,(MCS0)_4TX	508.64M	317.47M	317MD1D	323.84M	314.254M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.56M	19.07M	19M1D1D	20.405M	18.928M
802.11be EHT40_Nss1,(MCS0)_4TX	39.93M	37.855M	37M9D1D	39.05M	37.589M
802.11be EHT80_Nss1,(MCS0)_4TX	81.84M	77.375M	77M4D1D	80.08M	76.847M
802.11be EHT160_Nss1,(MCS0)_4TX	162.36M	156.659M	157MD1D	161.92M	155.626M
802.11be EHT320_Nss1,(MCS0)_4TX	382.8M	316.247M	316MD1D	323.84M	313.32M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.23M	19.042M	19M0D1D	20.13M	18.951M
802.11be EHT40_Nss1,(MCS0)_4TX	40.26M	37.91M	37M9D1D	39.16M	37.561M
802.11be EHT80_Nss1,(MCS0)_4TX	81.62M	77.48M	77M5D1D	80.08M	76.87M
802.11be EHT160_Nss1,(MCS0)_4TX	162.8M	156.471M	156MD1D	161.92M	155.565M
802.11be EHT320_Nss1,(MCS0)_4TX	386.32M	316.592M	317MD1D	323.84M	313.733M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.45M	19.09M	19M1D1D	20.515M	18.919M
802.11be EHT40_Nss1,(MCS0)_4TX	39.93M	37.868M	37M9D1D	38.94M	37.541M
802.11be EHT80_Nss1,(MCS0)_4TX	81.4M	77.258M	77M3D1D	80.08M	76.885M
802.11be EHT160_Nss1,(MCS0)_4TX	172.92M	156.346M	156MD1D	161.92M	156.228M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	20.845M	18.992M	21.505M	18.915M	21.065M	18.963M	21.175M	18.976M
6195MHz	Pass	320M	21.175M	18.963M	21.34M	18.96M	21.175M	19.023M	21.01M	18.981M
6415MHz	Pass	320M	20.79M	19.017M	20.845M	19.091M	20.845M	18.964M	20.735M	19.062M
6435MHz	Pass	320M	21.395M	19.061M	21.12M	19.015M	21.065M	18.976M	20.9M	18.991M
6475MHz	Pass	320M	20.845M	19.015M	21.285M	18.999M	21.56M	19.07M	20.405M	19.047M
6515MHz	Pass	320M	21.34M	19.035M	21.285M	18.928M	20.735M	19.015M	20.9M	18.985M
6535MHz	Pass	320M	20.185M	19.035M	20.13M	19.011M	20.625M	19.03M	20.9M	18.981M
6695MHz	Pass	320M	21.23M	18.951M	20.9M	19.023M	20.845M	19.035M	21.23M	18.957M
6875MHz	Pass	320M	20.9M	19.042M	20.79M	19.007M	21.23M	19.014M	20.735M	19.031M
6895MHz	Pass	320M	21.285M	19.065M	20.57M	18.981M	20.625M	18.96M	21.065M	18.98M
6995MHz	Pass	320M	20.9M	18.988M	20.515M	19.047M	21.395M	18.919M	21.285M	19.069M
7095MHz	Pass	320M	21.01M	19.014M	20.68M	18.921M	21.45M	19.09M	20.9M	19.064M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	40.26M	37.687M	39.6M	37.636M	39.16M	37.764M	39.49M	37.714M
6205MHz	Pass	320M	40.15M	37.731M	40.15M	37.743M	40.37M	37.825M	39.93M	37.639M
6405MHz	Pass	320M	40.04M	37.786M	40.15M	37.686M	39.49M	37.788M	39.6M	37.589M
6445MHz	Pass	320M	39.27M	37.738M	39.16M	37.855M	39.82M	37.753M	39.93M	37.724M
6485MHz	Pass	320M	39.82M	37.671M	39.82M	37.821M	39.82M	37.589M	39.05M	37.705M
6525MHz	Pass	320M	39.71M	37.759M	39.93M	37.692M	39.6M	37.687M	39.6M	37.825M
6565MHz	Pass	320M	40.26M	37.891M	40.04M	37.697M	39.27M	37.671M	39.27M	37.91M
6685MHz	Pass	320M	40.15M	37.728M	39.38M	37.561M	39.71M	37.737M	39.27M	37.708M
6885MHz	Pass	320M	39.16M	37.757M	39.38M	37.667M	39.93M	37.713M	39.71M	37.818M
6925MHz	Pass	320M	39.49M	37.681M	39.6M	37.541M	39.93M	37.76M	39.16M	37.868M
7005MHz	Pass	320M	39.6M	37.618M	39.27M	37.757M	38.94M	37.689M	39.49M	37.733M
7085MHz	Pass	320M	39.38M	37.817M	39.82M	37.701M	39.49M	37.647M	39.93M	37.544M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	80.52M	77.182M	80.08M	77.187M	80.52M	77.102M	80.3M	77.043M
6225MHz	Pass	320M	81.18M	77.415M	80.3M	77.208M	80.3M	77.028M	81.18M	76.757M
6385MHz	Pass	320M	82.28M	77.071M	80.52M	76.826M	80.08M	77.196M	80.3M	77.233M
6465MHz	Pass	320M	80.74M	77.24M	80.52M	76.847M	80.96M	77.219M	81.62M	77.213M
6545MHz	Pass	320M	81.18M	77.336M	80.08M	77.105M	80.3M	77.052M	81.84M	77.375M
6625MHz	Pass	320M	81.4M	77.48M	80.3M	77.446M	80.52M	76.888M	80.74M	77.062M
6705MHz	Pass	320M	81.18M	77.31M	81.4M	76.923M	80.08M	77.264M	81.18M	77.185M
6785MHz	Pass	320M	81.62M	76.968M	80.74M	76.965M	80.96M	76.963M	81.18M	76.938M
6865MHz	Pass	320M	81.18M	76.87M	81.18M	77.263M	80.52M	77.091M	80.3M	77.226M
6945MHz	Pass	320M	80.52M	77.13M	80.3M	77.088M	80.08M	76.885M	80.08M	77.233M
7025MHz	Pass	320M	80.52M	77.115M	80.3M	77.258M	80.96M	77.245M	81.4M	76.95M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	162.36M	155.439M	161.92M	155.486M	161.92M	156.078M	162.36M	155.974M
6185MHz	Pass	320M	162.36M	156.109M	163.24M	156.455M	173.36M	156.216M	162.36M	156.612M
6345MHz	Pass	320M	161.92M	156.375M	162.8M	156.823M	161.92M	156.11M	161.48M	156.386M
6505MHz	Pass	320M	161.92M	156.069M	162.36M	156.659M	161.92M	155.626M	161.92M	156.561M
6665MHz	Pass	320M	161.92M	156.03M	161.92M	156.203M	162.36M	156.373M	161.92M	156.295M
6825MHz	Pass	320M	161.92M	156.289M	161.92M	156.471M	162.8M	155.565M	161.92M	155.958M
6985MHz	Pass	320M	161.92M	156.346M	172.92M	156.238M	161.92M	156.333M	161.92M	156.228M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	364.32M	314.254M	508.64M	315.925M	424.16M	315.818M	347.6M	315.467M
6265MHz	Pass	320M	325.6M	315.617M	326.48M	315.398M	421.52M	317.47M	325.6M	315.932M
6425MHz	Pass	320M	323.84M	314.607M	324.72M	316.901M	323.84M	315.618M	325.6M	315.604M
6585MHz	Pass	320M	324.72M	315.23M	382.8M	313.32M	327.36M	316.247M	323.84M	315.668M
6745MHz	Pass	320M	324.72M	313.984M	324.72M	316.592M	386.32M	316.092M	325.6M	314.323M
6905MHz	Pass	320M	323.84M	314.429M	323.84M	313.733M	324.72M	314.847M	323.84M	316.48M

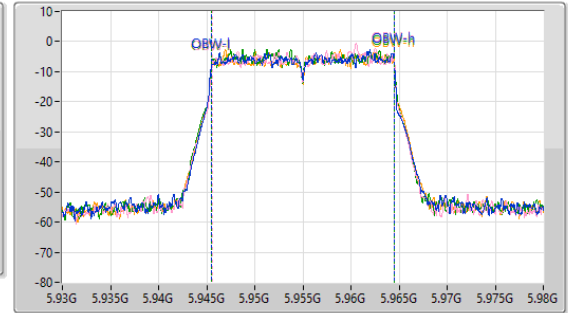
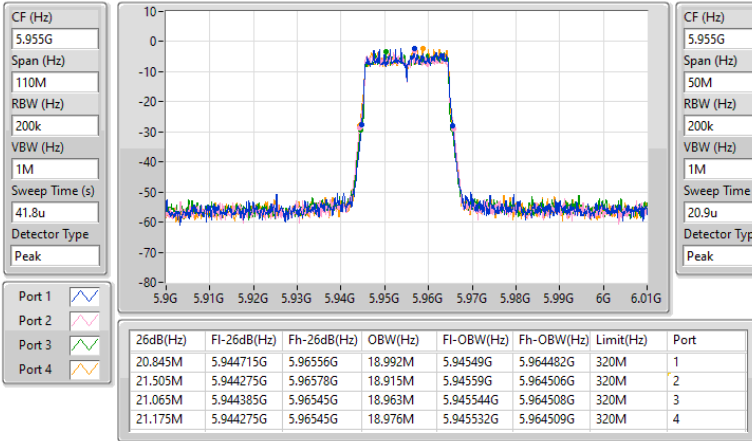
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

02/07/2025

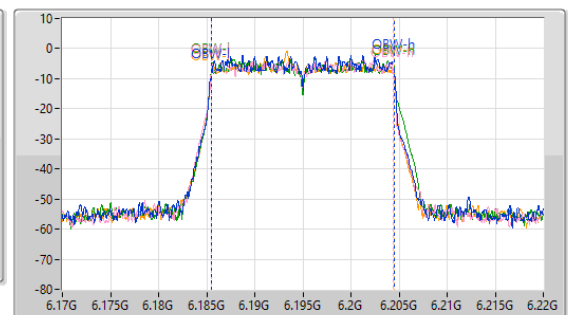
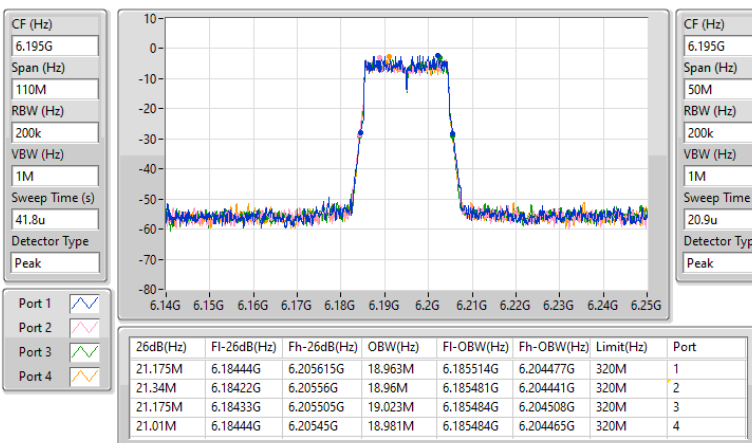


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6195MHz

02/07/2025

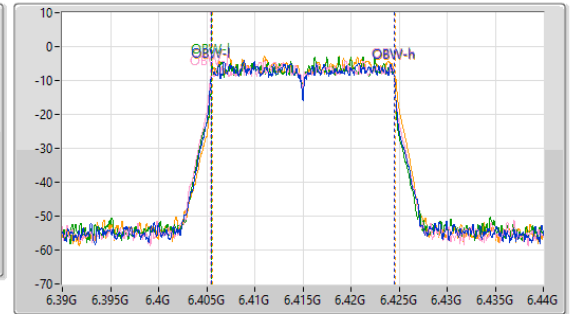
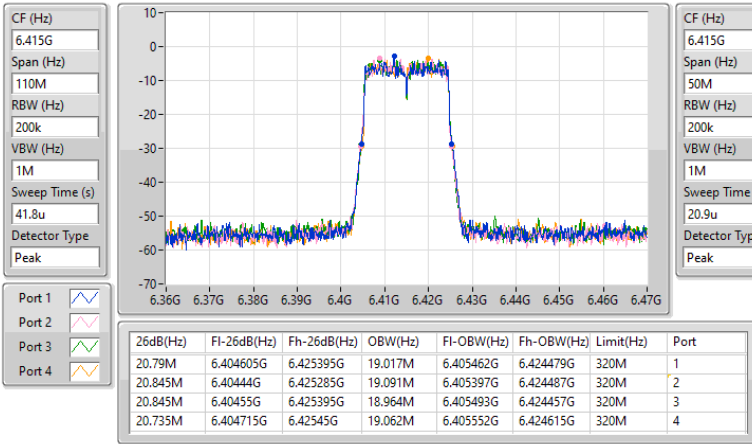


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6415MHz

02/07/2025

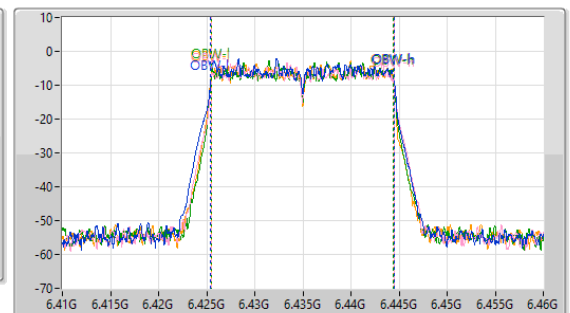
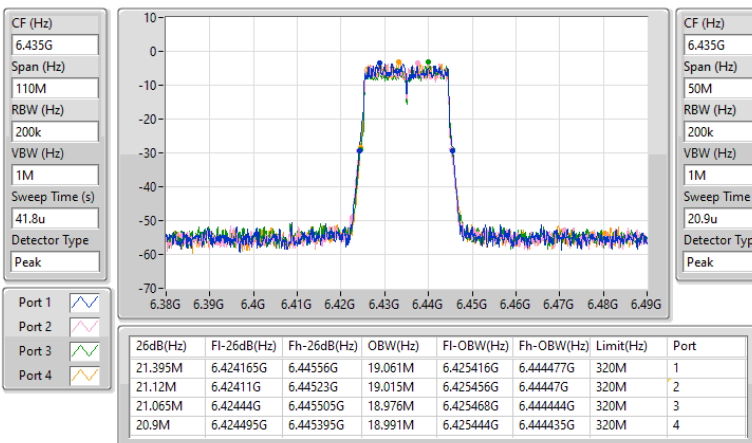


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6435MHz

02/07/2025

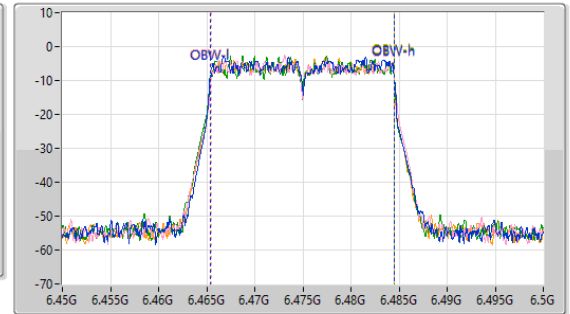
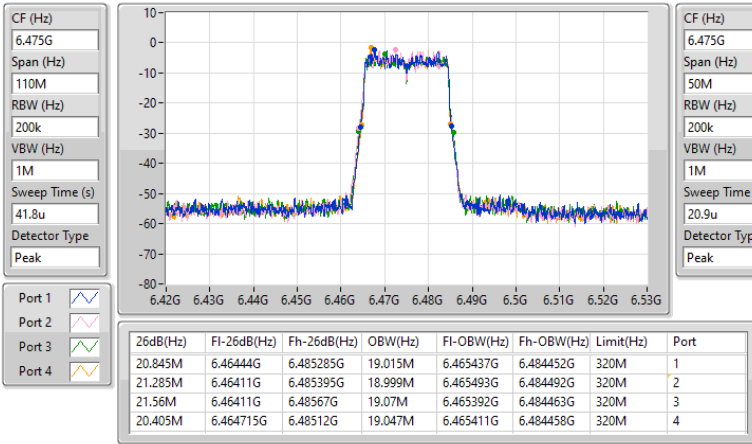


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6475MHz

02/07/2025

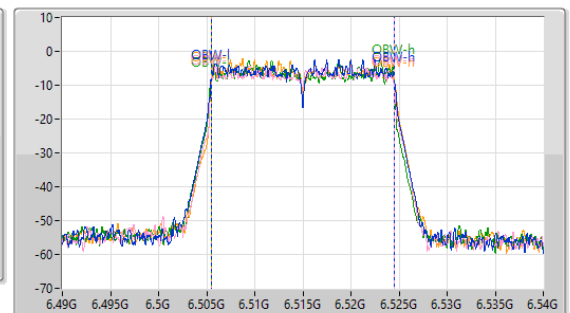
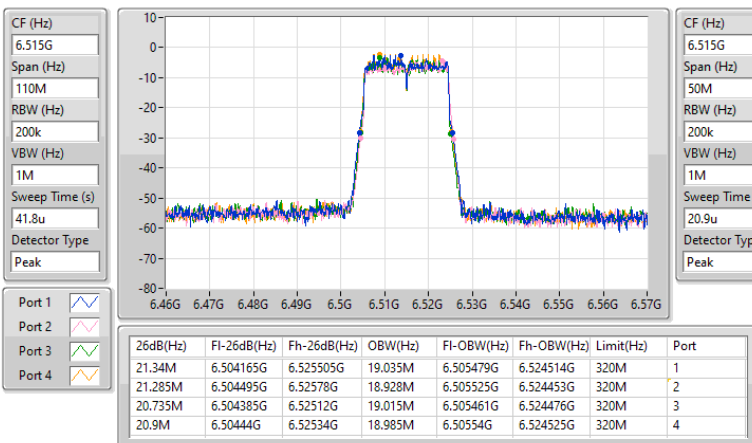


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6515MHz

02/07/2025

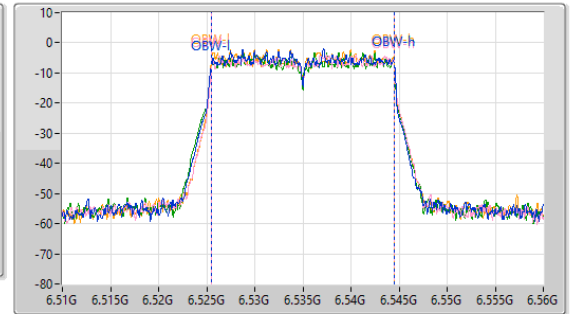
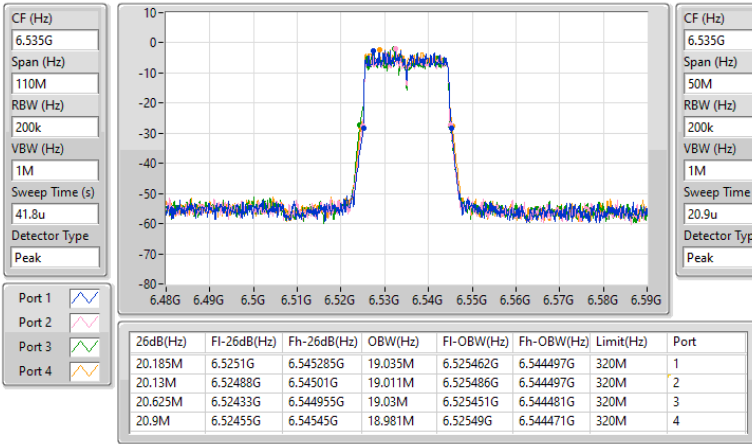


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6535MHz

02/07/2025

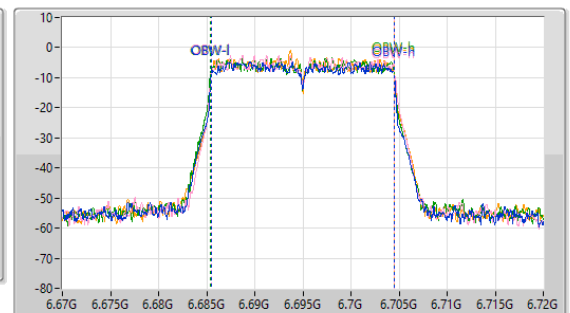
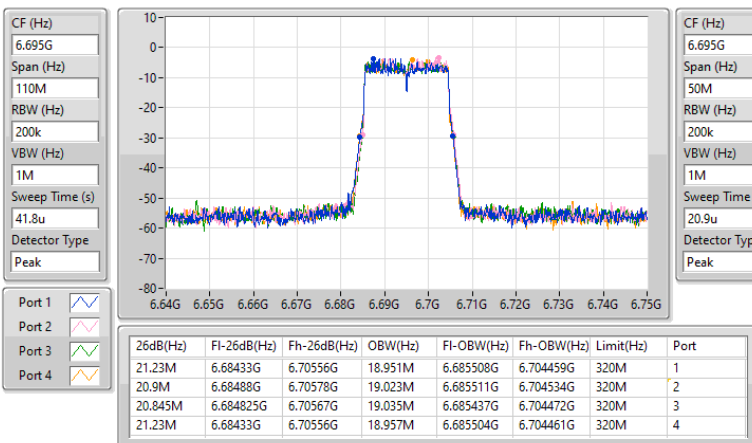


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

02/07/2025

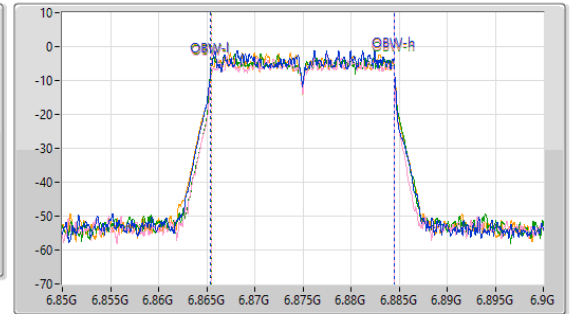
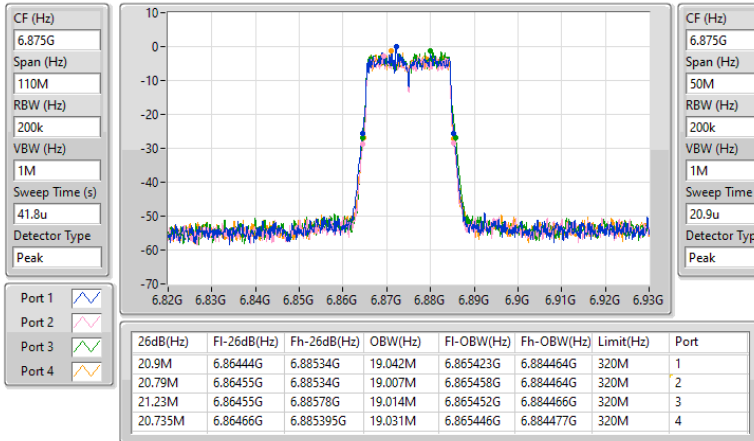


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6875MHz

02/07/2025

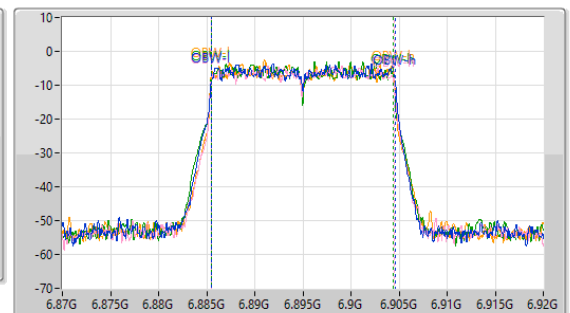
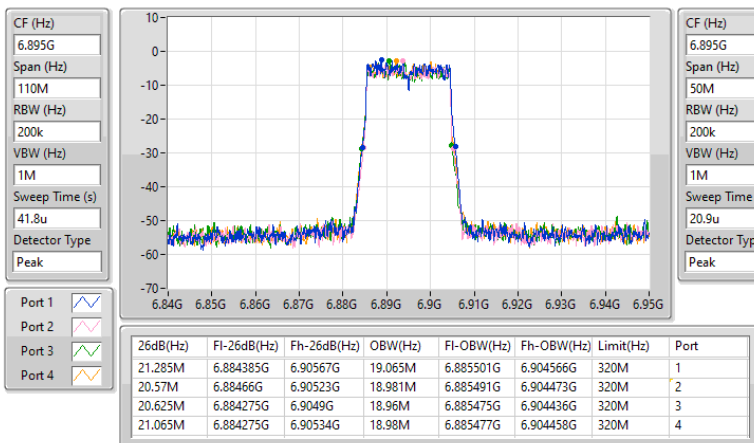


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6895MHz

02/07/2025

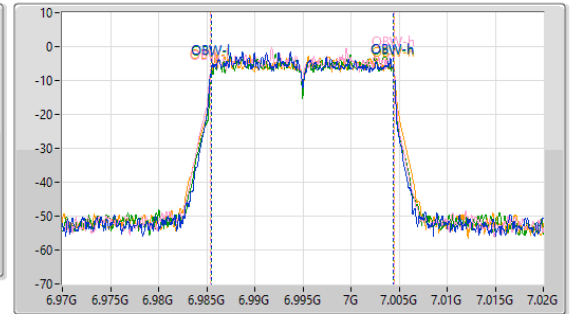
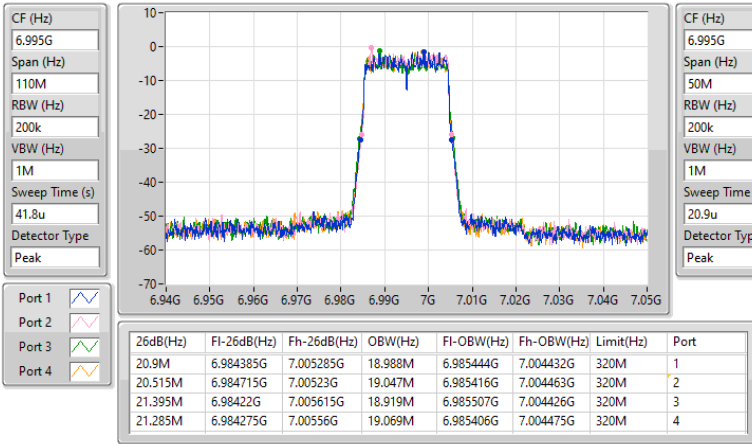


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6995MHz

02/07/2025

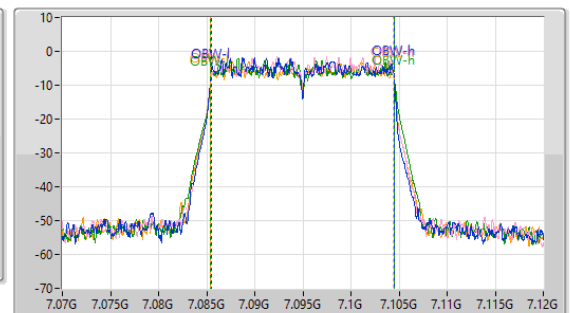
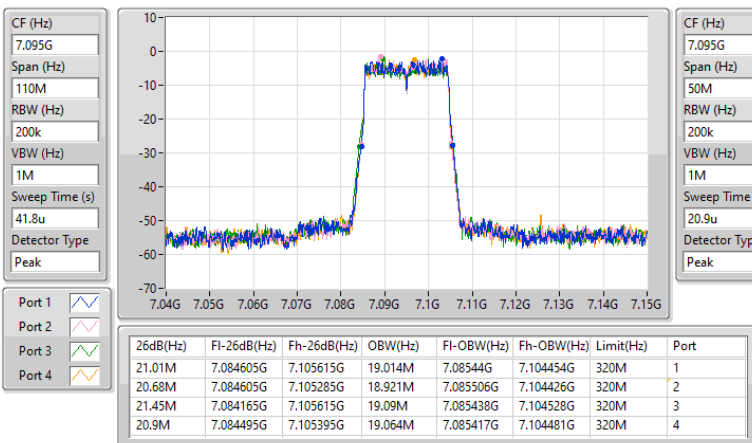


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

7095MHz

02/07/2025

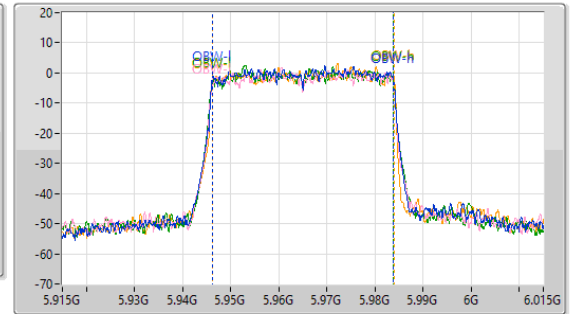
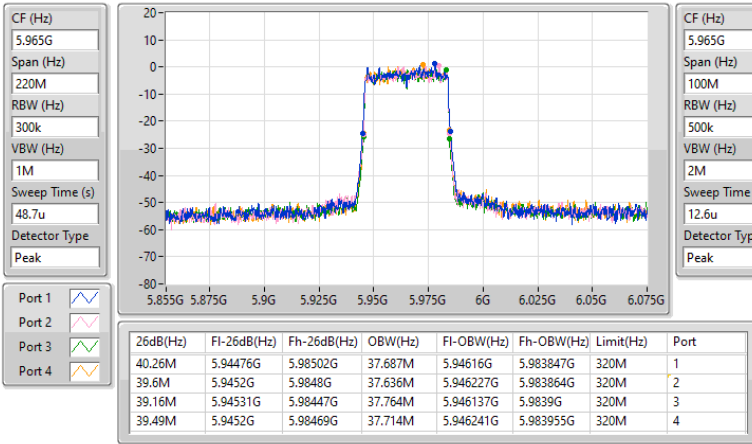


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5965MHz

02/07/2025

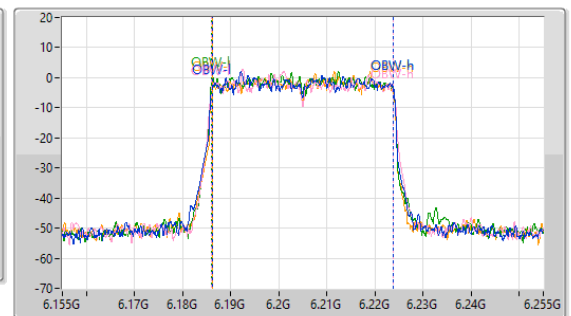
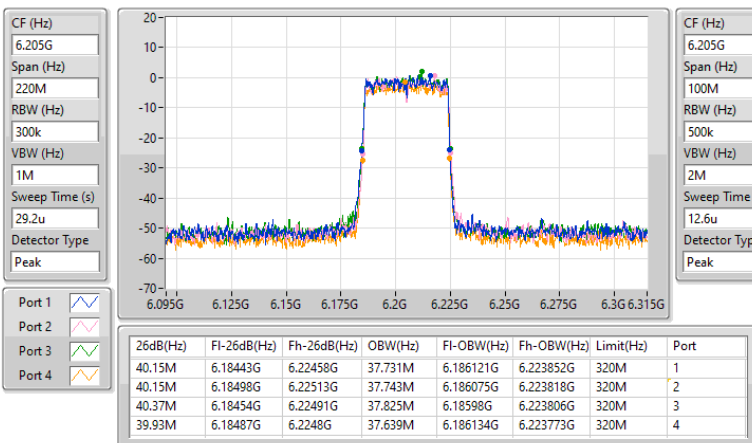


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6205MHz

02/07/2025

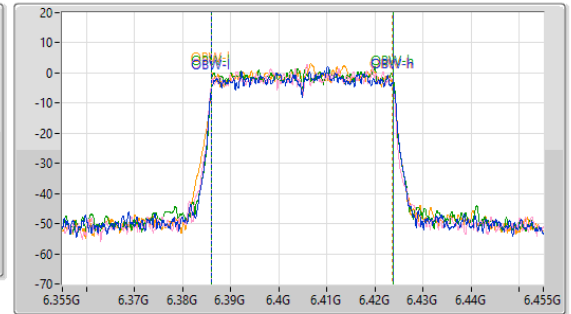
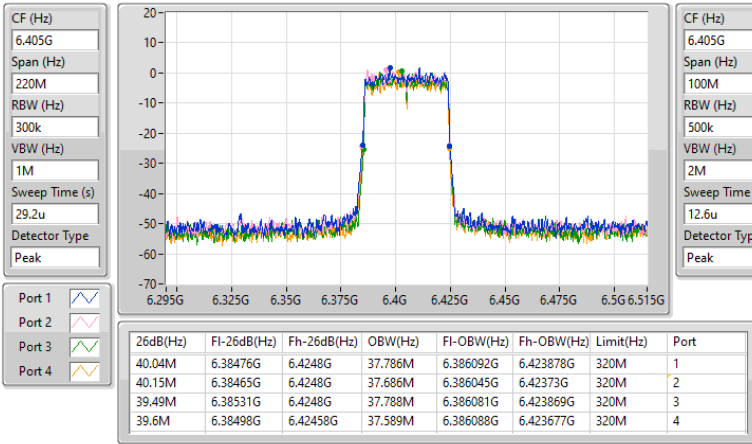


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6405MHz

02/07/2025

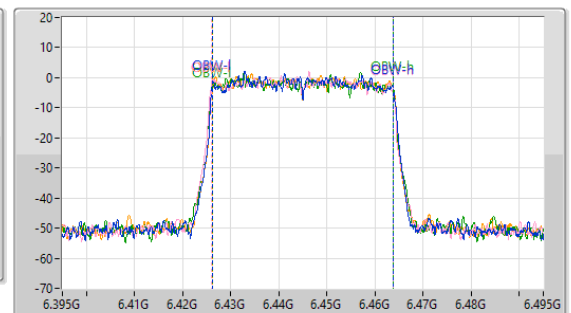
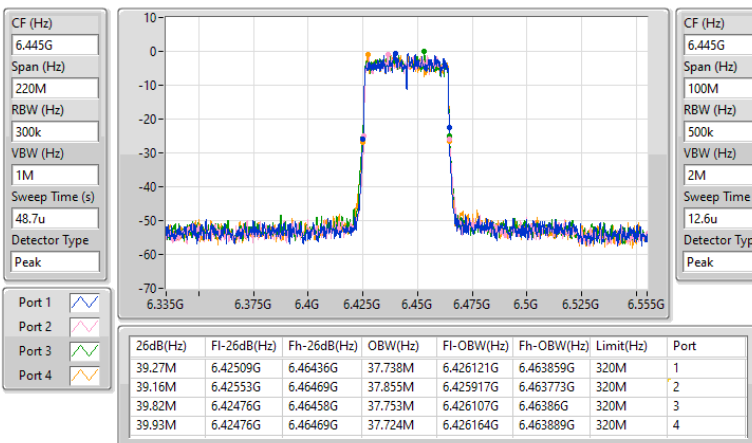


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6445MHz

02/07/2025

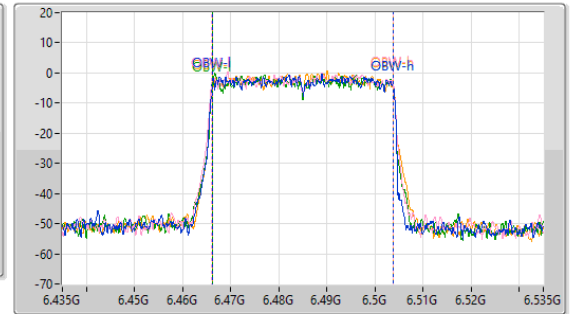
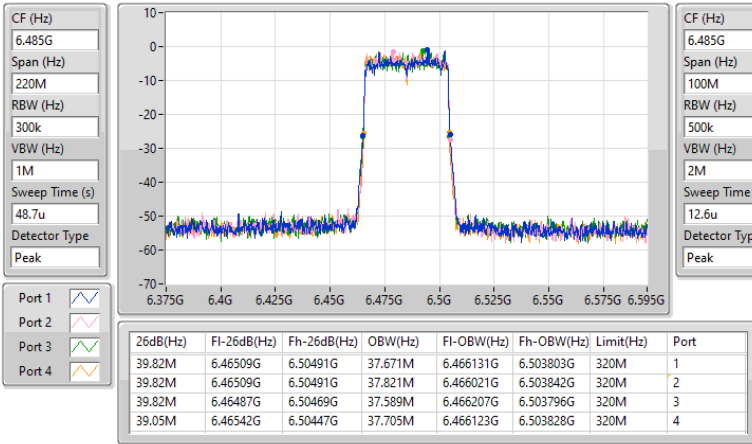


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6485MHz

02/07/2025

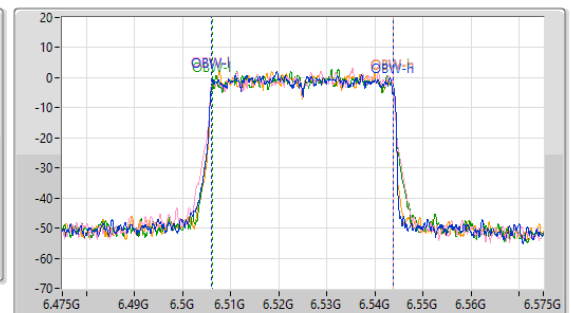
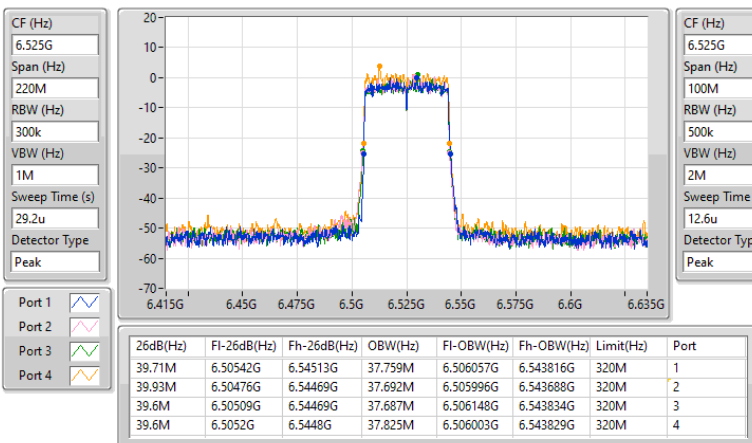


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6525MHz

02/07/2025

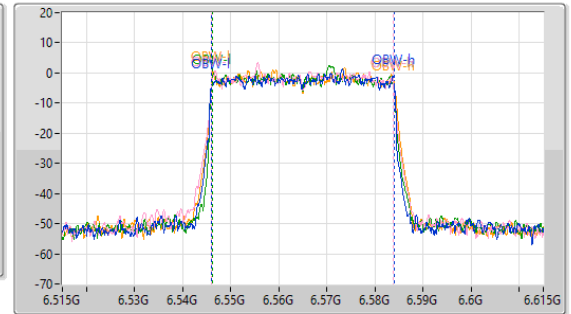
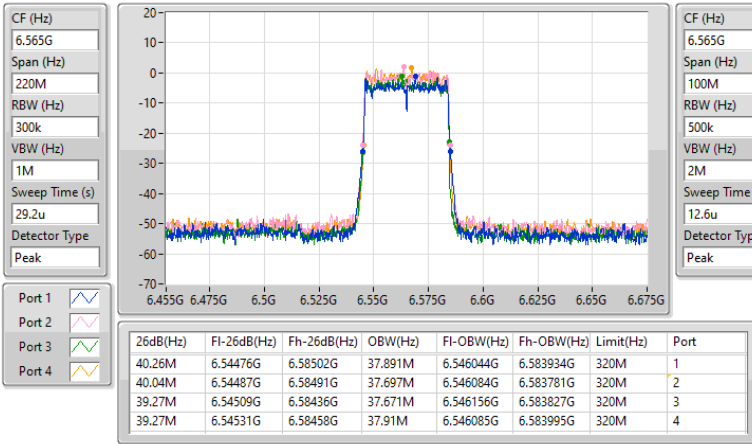


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6565MHz

02/07/2025

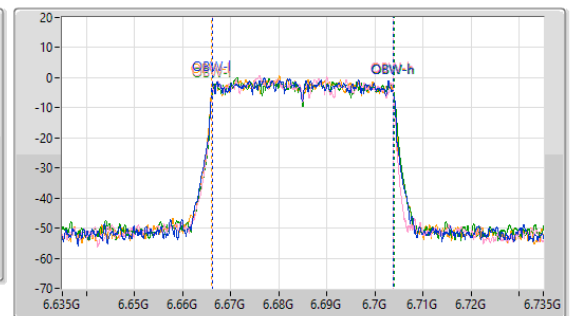
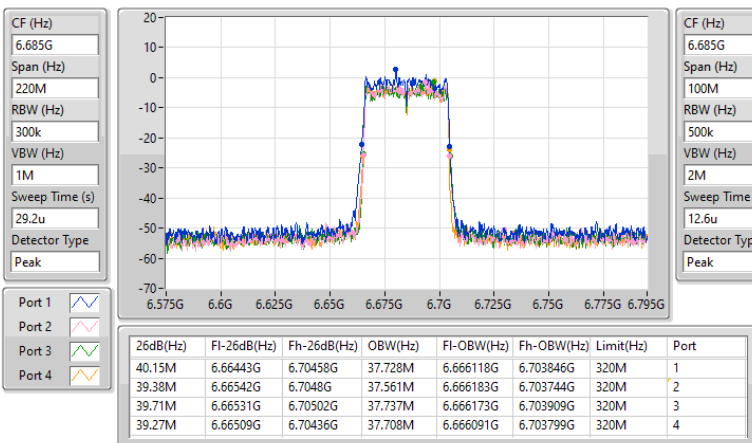


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

02/07/2025

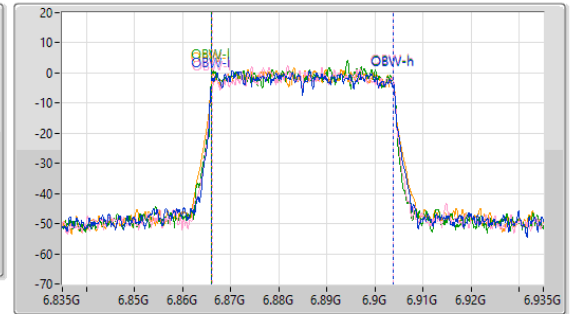
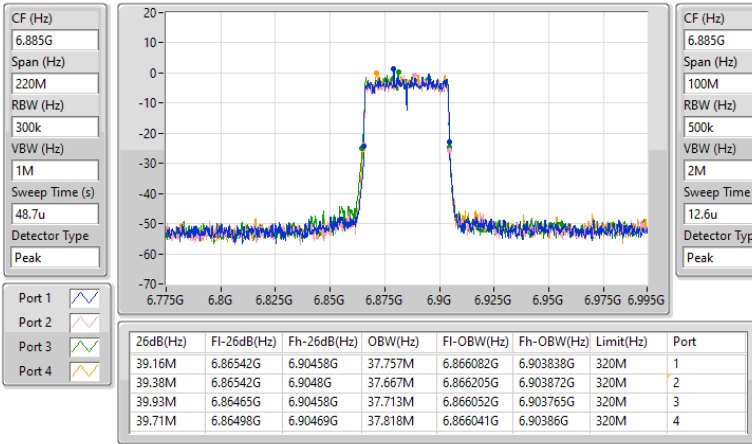


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6885MHz

02/07/2025

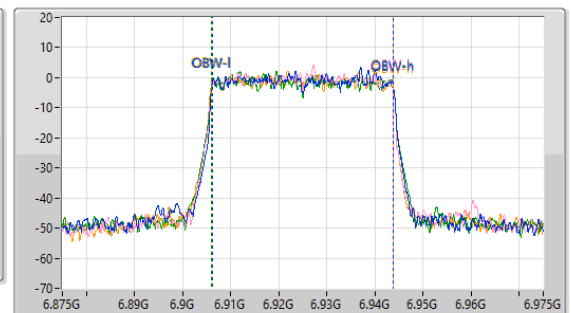
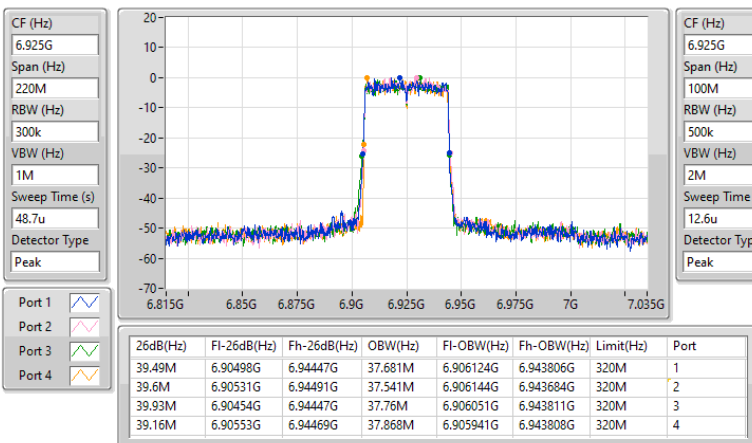


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6925MHz

02/07/2025

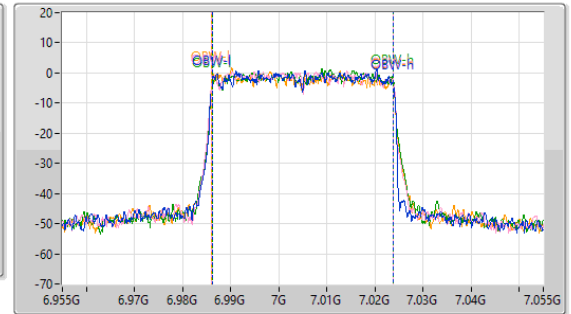
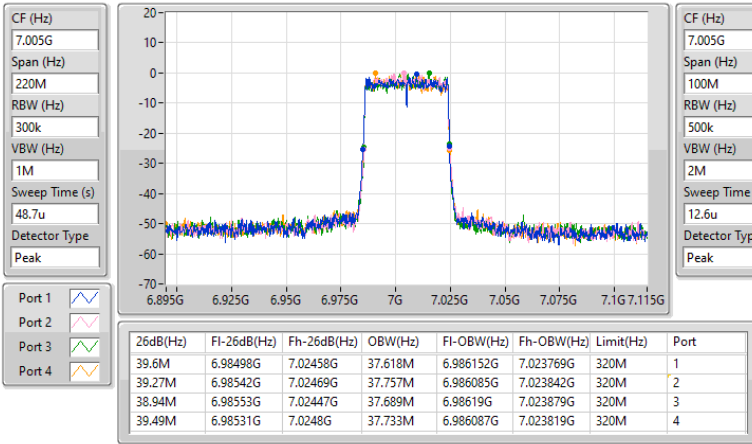


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7005MHz

02/07/2025

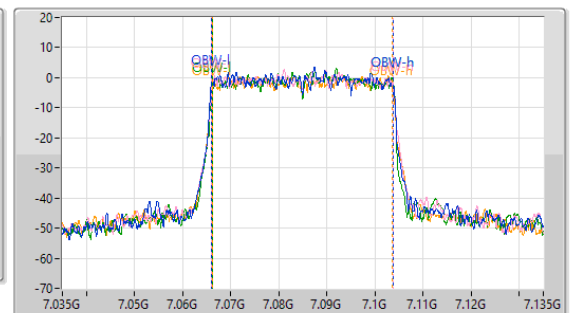
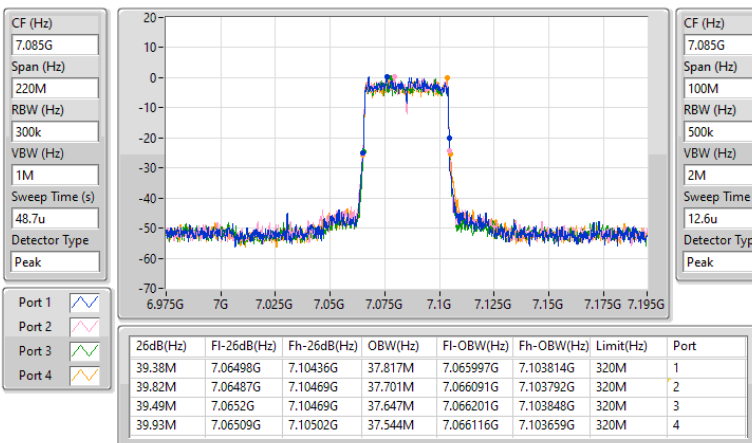


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7085MHz

02/07/2025

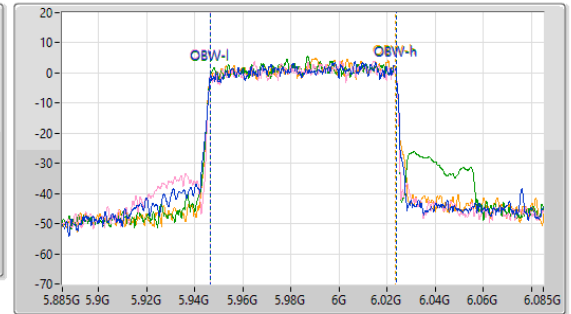
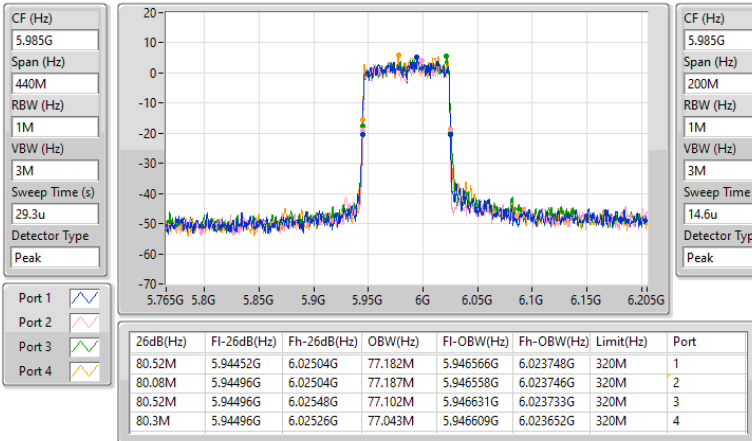


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5985MHz

02/07/2025

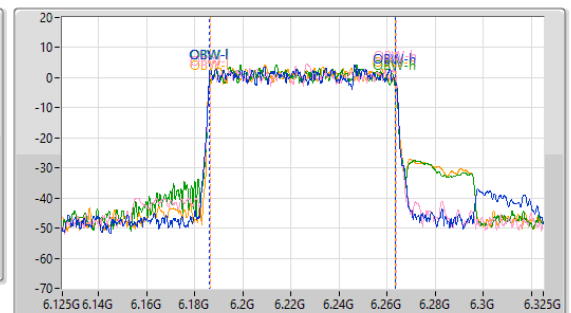
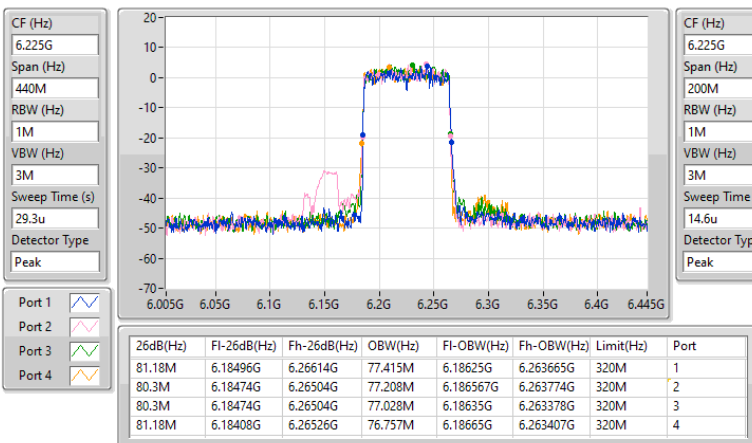


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6225MHz

02/07/2025

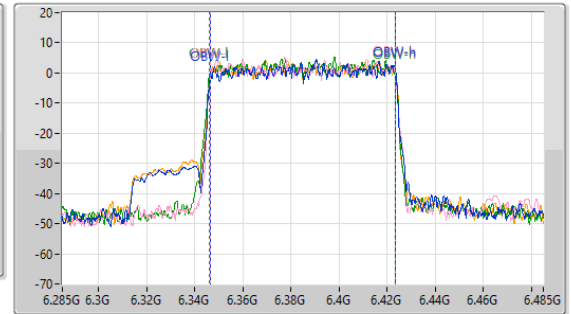
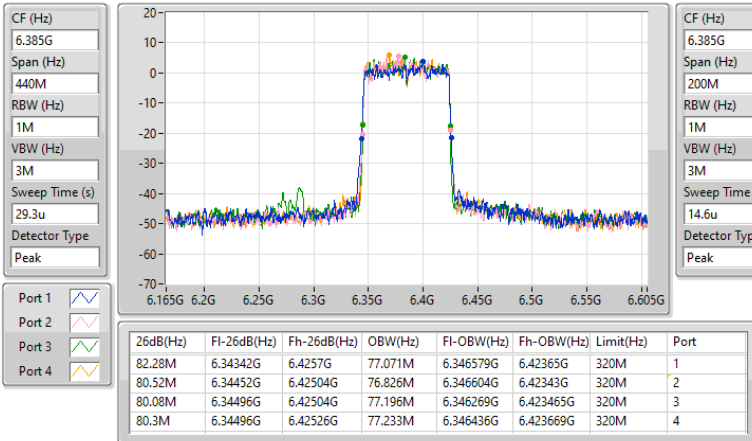


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6385MHz

02/07/2025

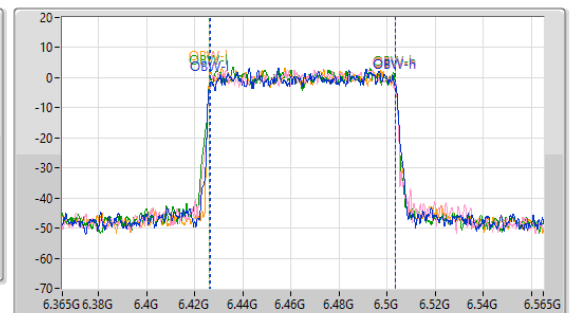
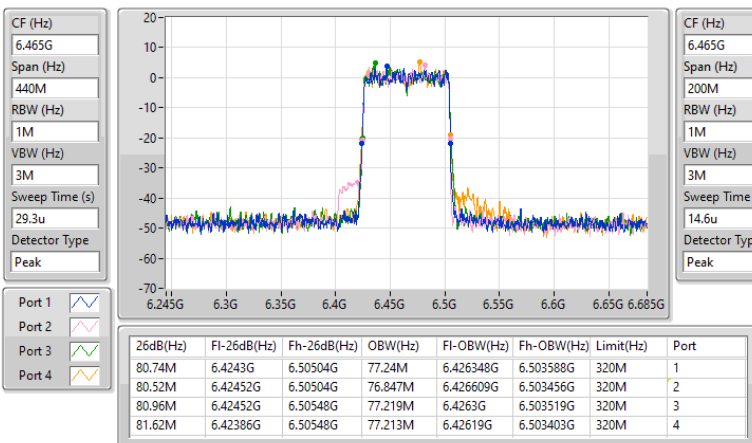


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6465MHz

02/07/2025

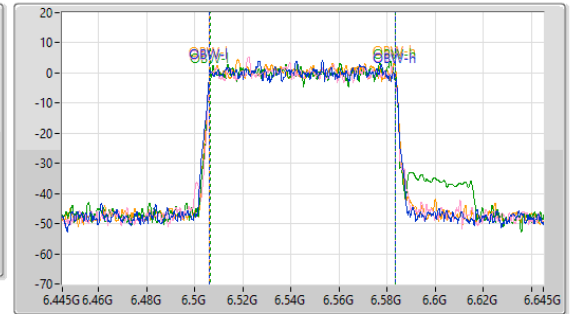
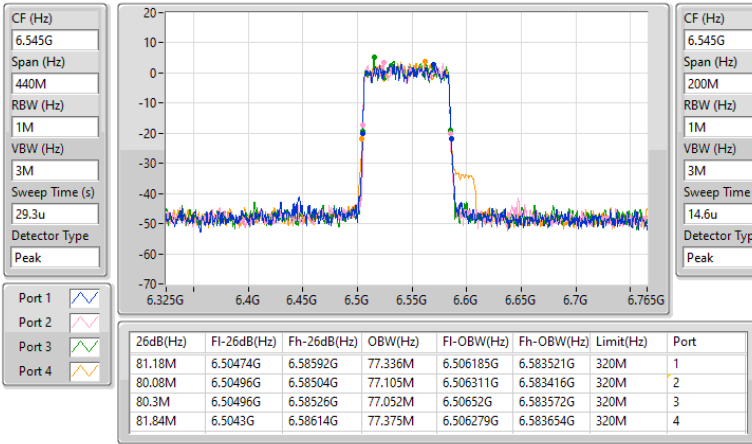


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6545MHz

02/07/2025

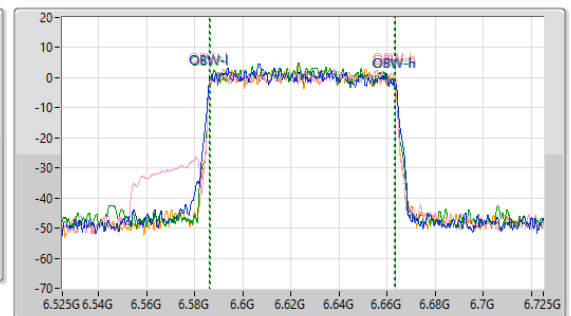
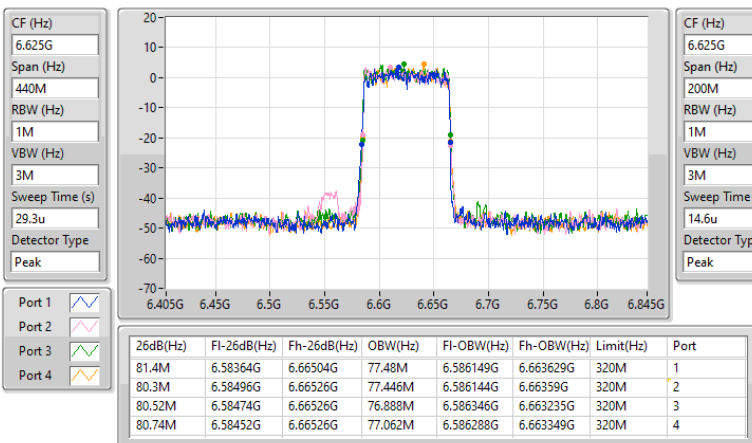


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

02/07/2025

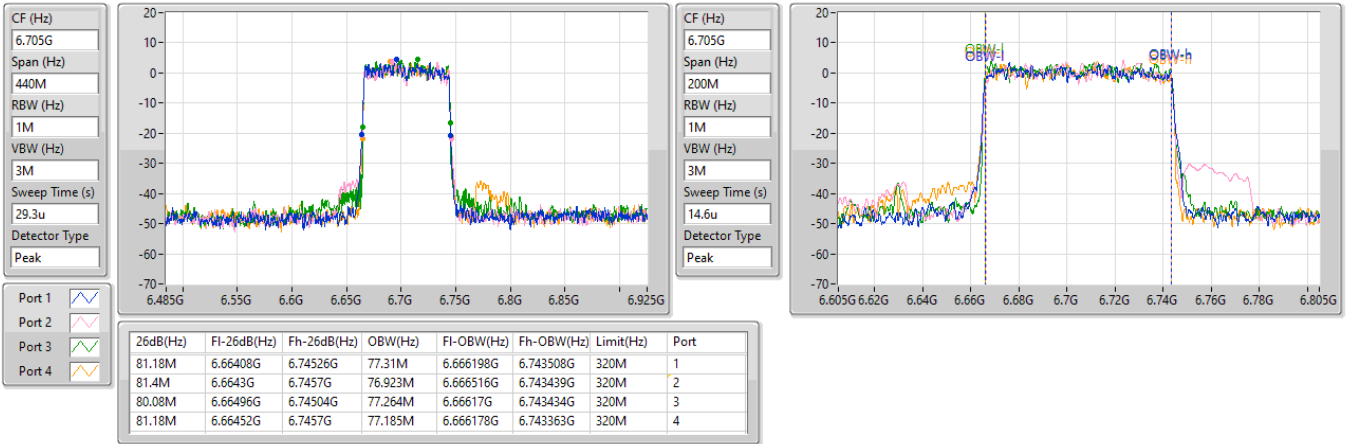


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

02/07/2025

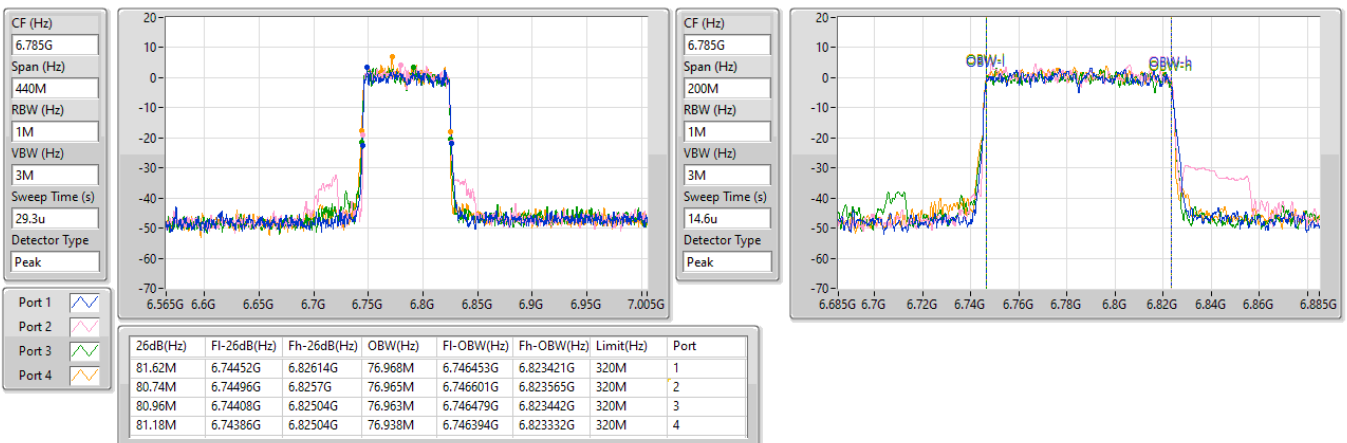


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

02/07/2025

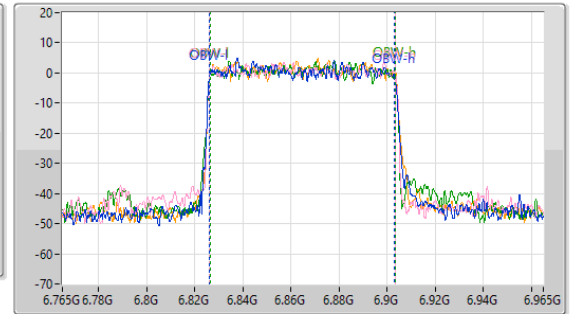
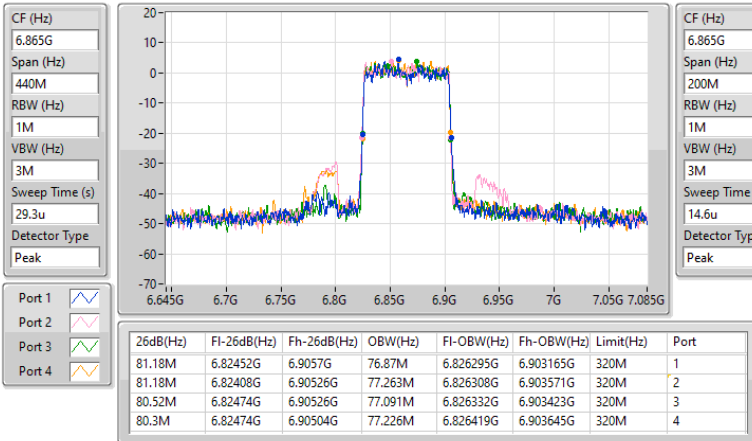


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6865MHz

02/07/2025

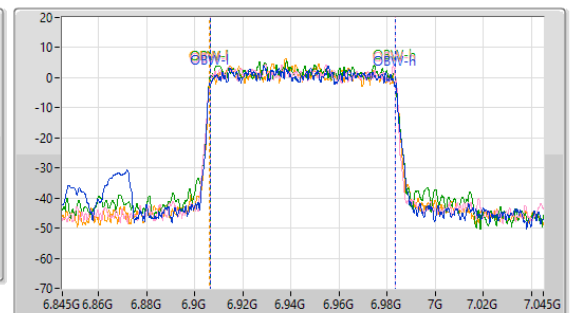
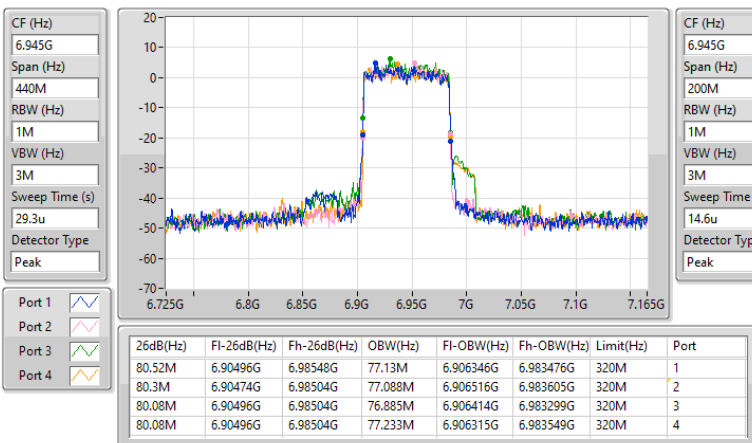


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6945MHz

02/07/2025

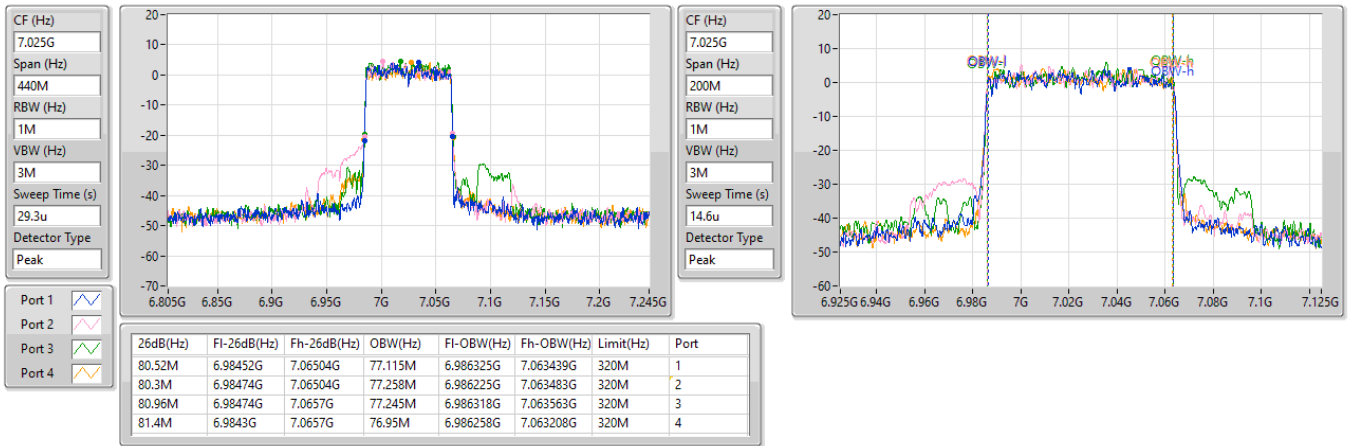


6.875-7.125GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

7025MHz

02/07/2025

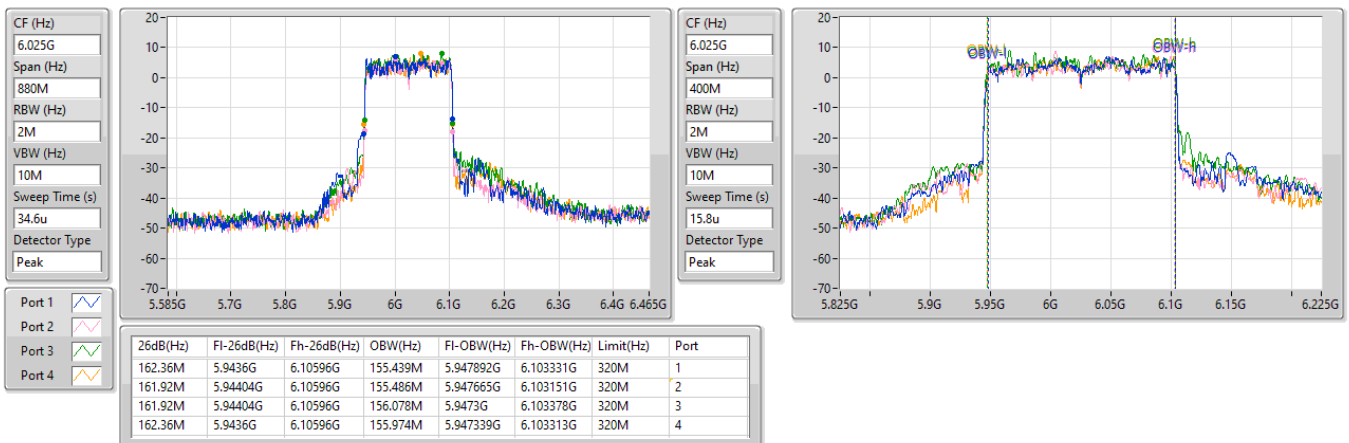


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

02/07/2025

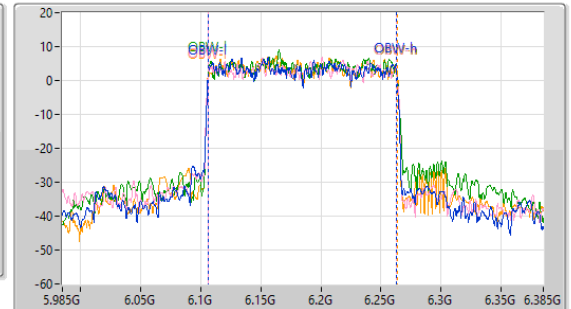
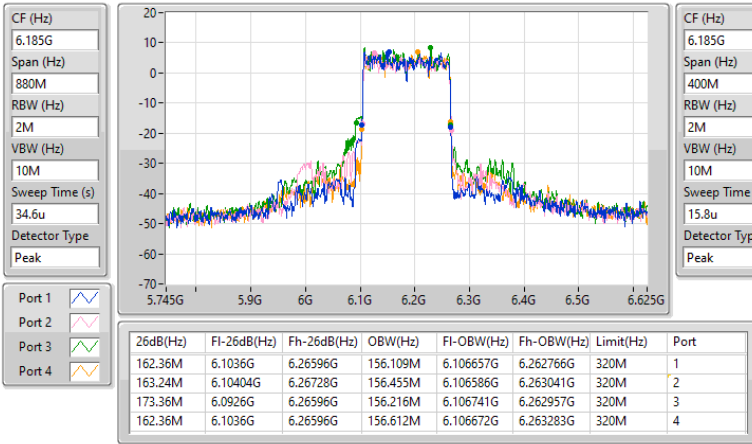


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6185MHz

02/07/2025

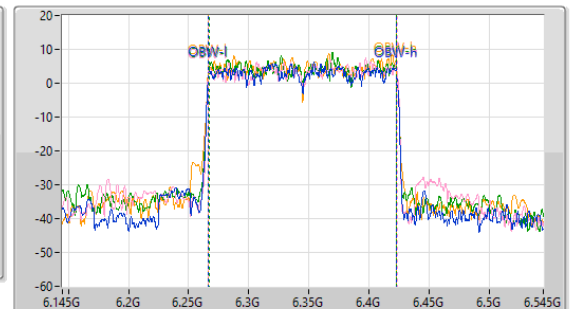
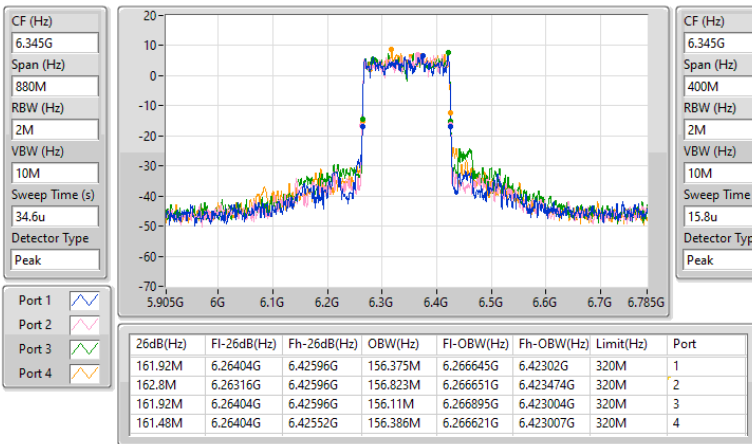


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6345MHz

02/07/2025

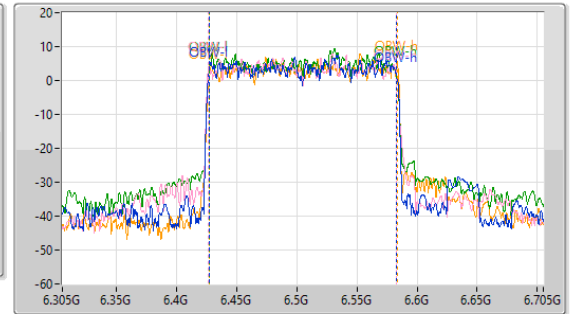
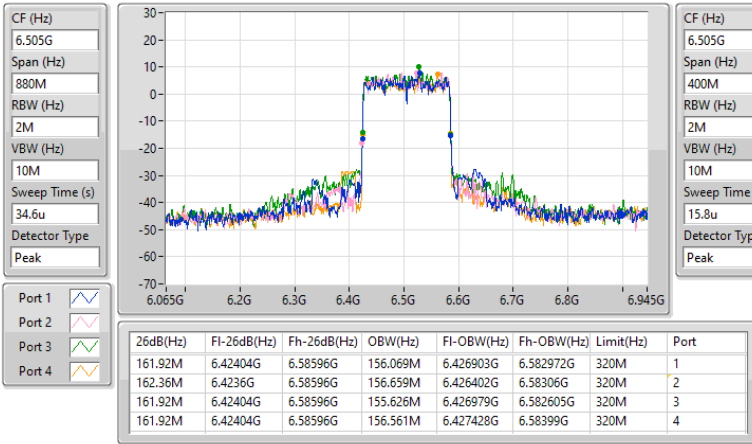


6.425-6.525GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6505MHz

02/07/2025

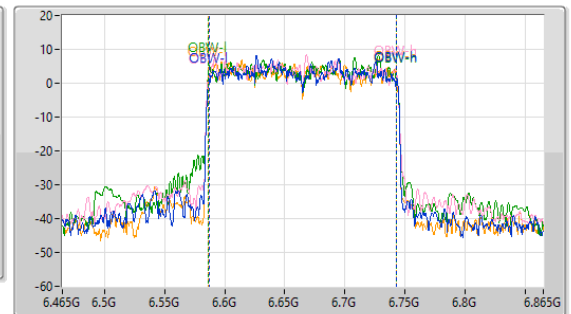
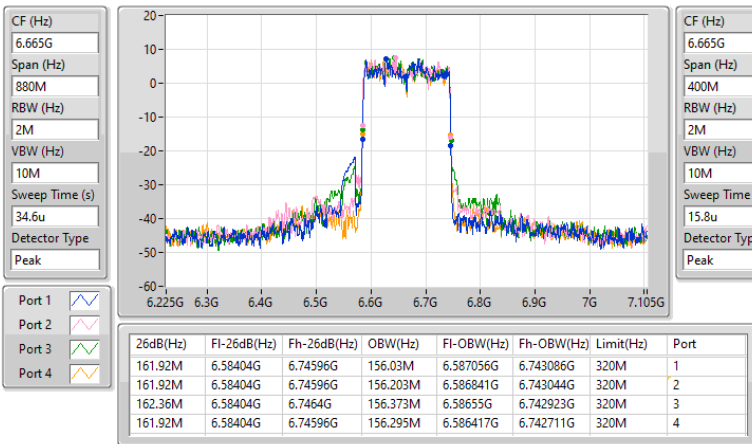


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6665MHz

02/07/2025

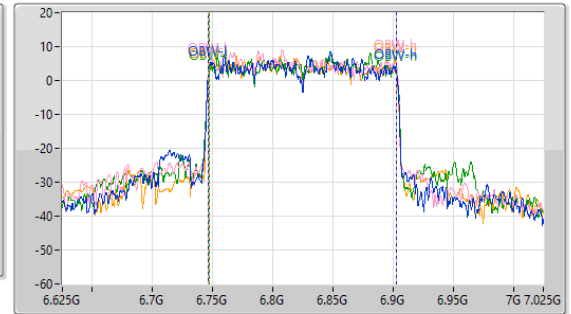
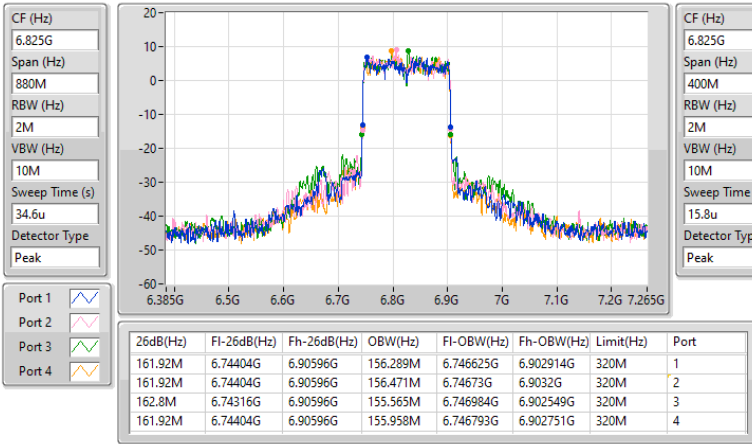


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6825MHz

02/07/2025

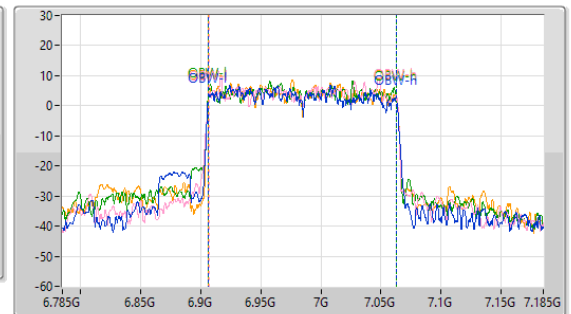
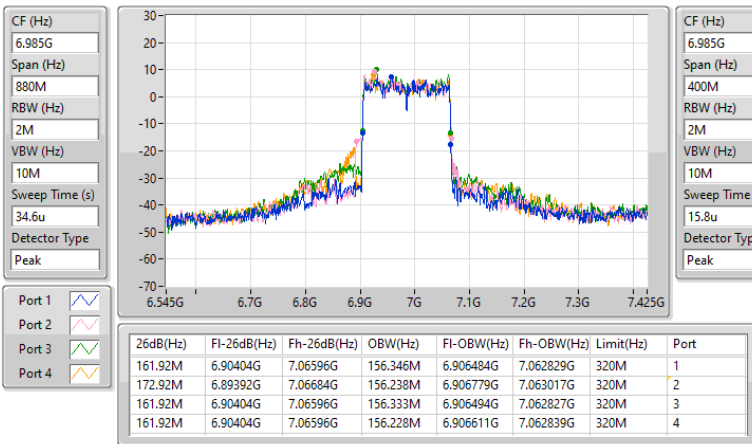


6.875-7.125GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6985MHz

02/07/2025

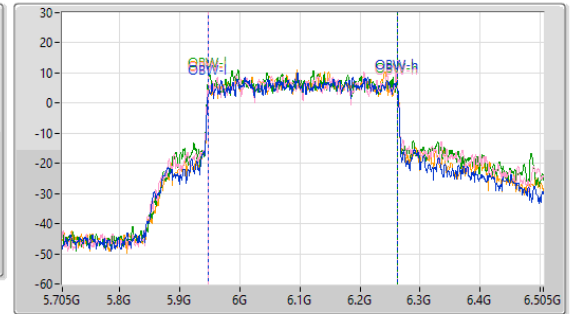
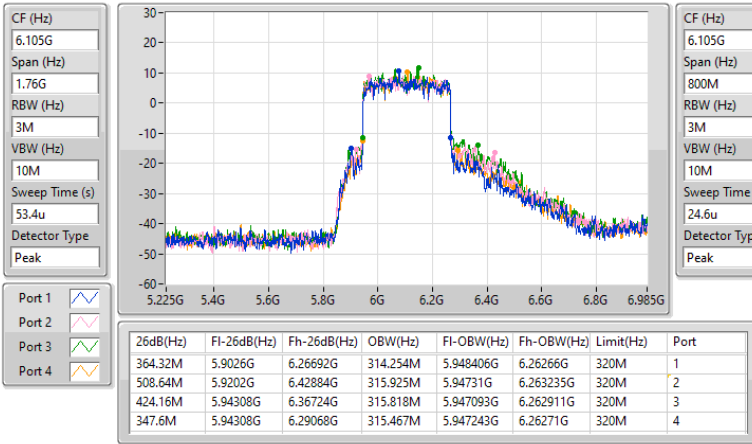


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6105MHz

02/07/2025

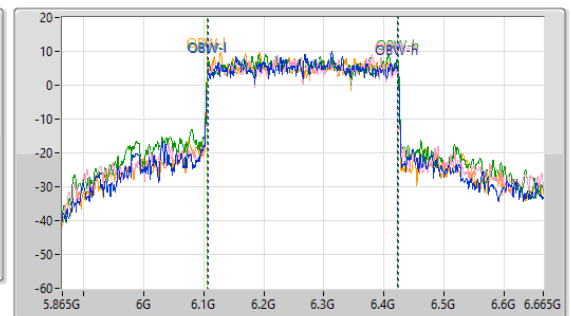
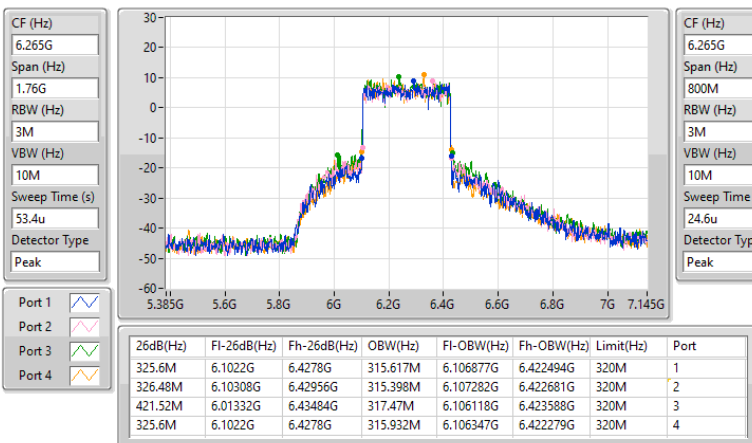


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6265MHz

02/07/2025

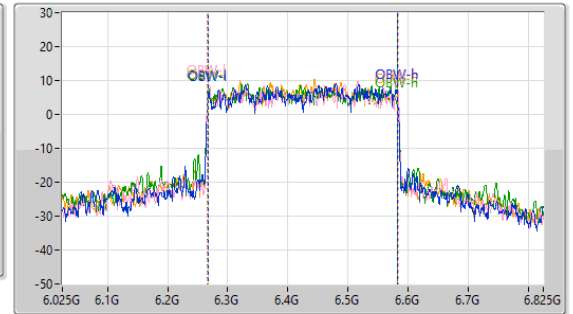
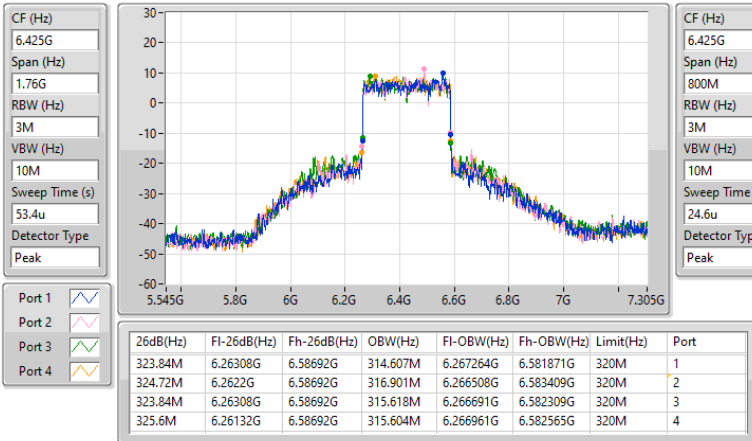


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6425MHz

02/07/2025

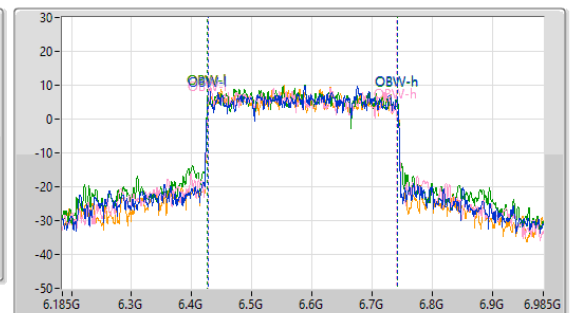
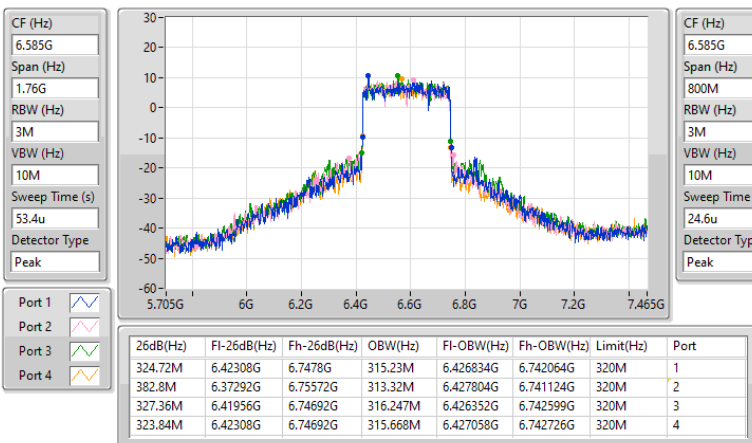


6.425-6.525GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6585MHz

02/07/2025

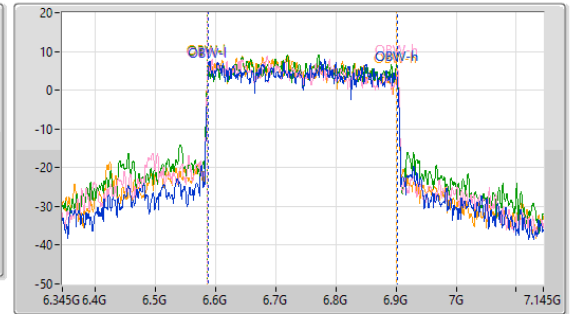
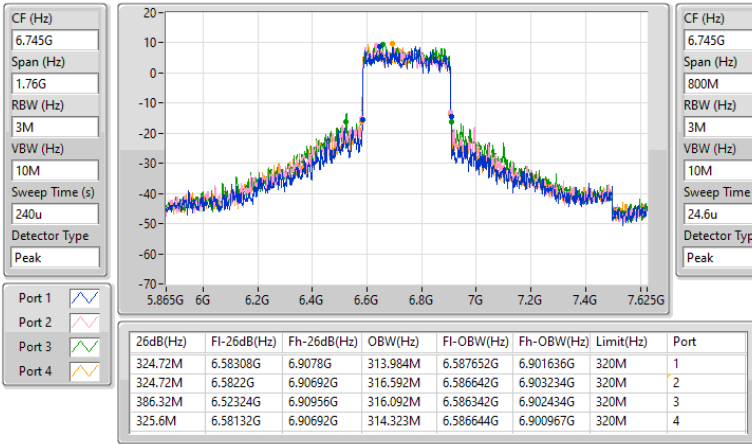


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6745MHz

02/07/2025

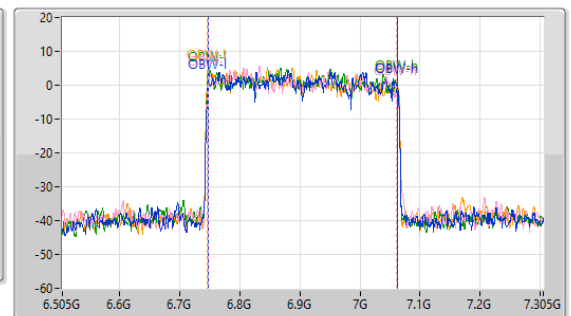
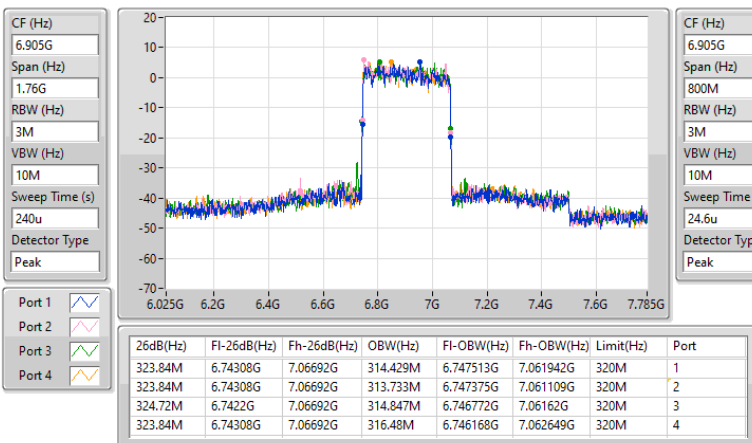


6.525-6.875GHz_802.11be EHT320_Nss1,(MCS0)_4TX

EBW

6905MHz

02/07/2025



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.67M	19.105M	19M1D1D	21.34M	19.069M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	41.03M	37.79M	37M8D1D	40.37M	37.696M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.28M	77.344M	77M3D1D	81.62M	77.076M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	168.08M	156.55M	157MD1D	164.12M	156.171M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	556.16M	318.062M	318MD1D	421.52M	316.096M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.725M	19.114M	19M1D1D	21.34M	19.061M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.81M	37.779M	37M8D1D	40.37M	37.715M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.72M	77.32M	77M3D1D	81.62M	77.158M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	166.32M	156.537M	157MD1D	164.56M	156.397M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	347.6M	317.032M	317MD1D	328.24M	316.168M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.67M	19.122M	19M1D1D	21.285M	19.068M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.81M	37.793M	37M8D1D	40.26M	37.726M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.5M	77.371M	77M4D1D	81.4M	77.115M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	175.56M	156.702M	157MD1D	164.56M	156.282M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	543.84M	318.923M	319MD1D	327.36M	315.687M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.78M	19.128M	19M1D1D	21.285M	19.072M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.92M	37.805M	37M8D1D	40.37M	37.699M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.72M	77.393M	77M4D1D	81.62M	77.186M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	201.08M	156.983M	157MD1D	178.2M	156.701M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	21.67M	19.083M	21.395M	19.07M	21.34M	19.078M	21.45M	19.075M
6195MHz	Pass	320M	21.505M	19.069M	21.56M	19.085M	21.615M	19.091M	21.395M	19.086M
6415MHz	Pass	320M	21.56M	19.105M	21.45M	19.105M	21.67M	19.094M	21.395M	19.089M
6435MHz	Pass	320M	21.45M	19.112M	21.67M	19.102M	21.45M	19.107M	21.56M	19.108M
6475MHz	Pass	320M	21.56M	19.066M	21.505M	19.097M	21.505M	19.114M	21.725M	19.078M
6515MHz	Pass	320M	21.505M	19.075M	21.56M	19.072M	21.34M	19.061M	21.505M	19.071M
6535MHz	Pass	320M	21.56M	19.079M	21.45M	19.115M	21.285M	19.113M	21.615M	19.068M
6695MHz	Pass	320M	21.505M	19.121M	21.67M	19.105M	21.505M	19.122M	21.505M	19.074M
6875MHz	Pass	320M	21.34M	19.092M	21.395M	19.115M	21.56M	19.068M	21.505M	19.079M
6895MHz	Pass	320M	21.505M	19.11M	21.615M	19.12M	21.285M	19.096M	21.395M	19.075M
6995MHz	Pass	320M	21.67M	19.072M	21.56M	19.085M	21.505M	19.079M	21.615M	19.083M
7095MHz	Pass	320M	21.78M	19.085M	21.615M	19.089M	21.56M	19.128M	21.395M	19.099M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	40.92M	37.739M	40.48M	37.718M	40.48M	37.724M	40.48M	37.696M
6205MHz	Pass	320M	40.59M	37.771M	40.37M	37.764M	40.48M	37.744M	40.48M	37.768M
6405MHz	Pass	320M	41.03M	37.777M	40.7M	37.733M	40.48M	37.79M	40.59M	37.747M
6445MHz	Pass	320M	40.81M	37.767M	40.59M	37.738M	40.59M	37.735M	40.59M	37.769M
6485MHz	Pass	320M	40.7M	37.724M	40.37M	37.715M	40.7M	37.779M	40.7M	37.724M
6525MHz	Pass	320M	40.81M	37.746M	40.59M	37.769M	40.7M	37.763M	40.48M	37.777M
6565MHz	Pass	320M	40.81M	37.793M	40.26M	37.726M	40.48M	37.756M	40.48M	37.773M
6685MHz	Pass	320M	40.81M	37.746M	40.37M	37.764M	40.48M	37.753M	40.7M	37.77M
6885MHz	Pass	320M	40.81M	37.787M	40.48M	37.771M	40.48M	37.781M	40.81M	37.789M
6925MHz	Pass	320M	40.81M	37.781M	40.37M	37.714M	40.81M	37.773M	40.37M	37.699M
7005MHz	Pass	320M	40.92M	37.716M	40.59M	37.749M	40.48M	37.805M	40.37M	37.765M
7085MHz	Pass	320M	40.92M	37.735M	40.59M	37.759M	40.37M	37.764M	40.59M	37.776M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	82.28M	77.096M	82.06M	77.13M	81.84M	77.076M	82.06M	77.118M
6225MHz	Pass	320M	82.28M	77.276M	82.06M	77.311M	82.06M	77.319M	82.06M	77.293M
6385MHz	Pass	320M	82.28M	77.344M	81.84M	77.279M	81.62M	77.168M	81.84M	77.27M
6465MHz	Pass	320M	82.72M	77.234M	81.84M	77.158M	82.06M	77.32M	81.84M	77.246M
6545MHz	Pass	320M	82.5M	77.223M	81.62M	77.196M	82.06M	77.223M	82.28M	77.221M
6625MHz	Pass	320M	82.06M	77.288M	81.84M	77.203M	81.4M	77.207M	82.06M	77.21M
6705MHz	Pass	320M	82.28M	77.234M	81.84M	77.115M	82.06M	77.214M	82.06M	77.183M
6785MHz	Pass	320M	82.06M	77.203M	81.84M	77.199M	81.62M	77.144M	81.84M	77.297M
6865MHz	Pass	320M	82.5M	77.272M	81.84M	77.371M	81.4M	77.198M	81.84M	77.305M
6945MHz	Pass	320M	82.06M	77.289M	81.62M	77.291M	82.28M	77.186M	81.84M	77.351M
7025MHz	Pass	320M	82.72M	77.273M	82.06M	77.227M	82.06M	77.31M	82.06M	77.393M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	164.56M	156.197M	164.56M	156.486M	165.88M	156.28M	165M	156.171M
6185MHz	Pass	320M	164.12M	156.402M	168.08M	156.55M	166.32M	156.379M	164.12M	156.468M
6345MHz	Pass	320M	165M	156.513M	164.56M	156.399M	165.44M	156.446M	164.12M	156.366M
6505MHz	Pass	320M	165M	156.397M	166.32M	156.466M	165.88M	156.537M	164.56M	156.519M
6665MHz	Pass	320M	165M	156.566M	168.52M	156.5M	165.44M	156.403M	164.56M	156.282M
6825MHz	Pass	320M	173.8M	156.567M	175.56M	156.702M	174.24M	156.635M	173.36M	156.695M
6985MHz	Pass	320M	179.52M	156.795M	178.2M	156.701M	201.08M	156.974M	179.96M	156.983M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	434.72M	316.393M	500.72M	317.48M	473.44M	317.689M	421.52M	316.096M
6265MHz	Pass	320M	436.48M	317.064M	491.92M	317.753M	556.16M	318.062M	443.52M	317.088M
6425MHz	Pass	320M	425.92M	316.835M	440.88M	316.801M	460.24M	317.309M	432.96M	316.987M
6585MHz	Pass	320M	328.24M	316.329M	346.72M	316.342M	347.6M	317.032M	344.08M	316.168M
6745MHz	Pass	320M	432.08M	317.169M	476.96M	318.005M	543.84M	318.923M	424.16M	317.013M
6905MHz	Pass	320M	327.36M	315.687M	346.72M	316.6M	375.76M	317.02M	328.24M	315.835M

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

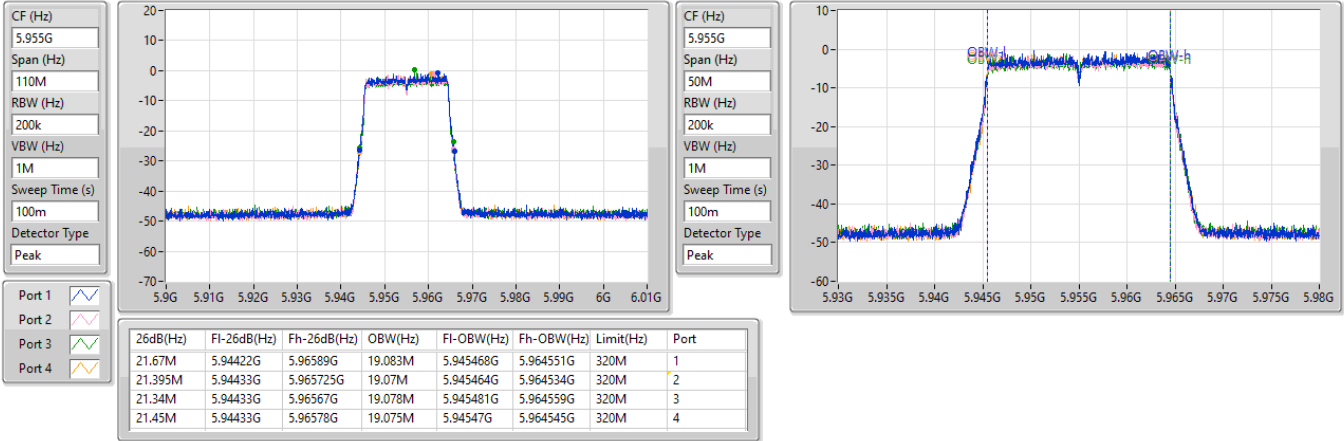


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

5955MHz

02/07/2025

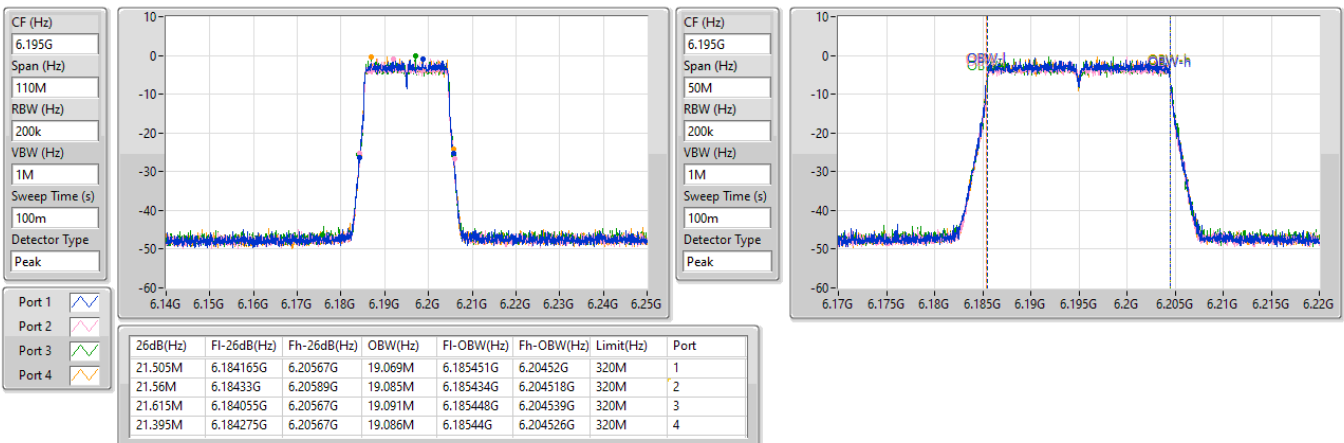


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6195MHz

02/07/2025

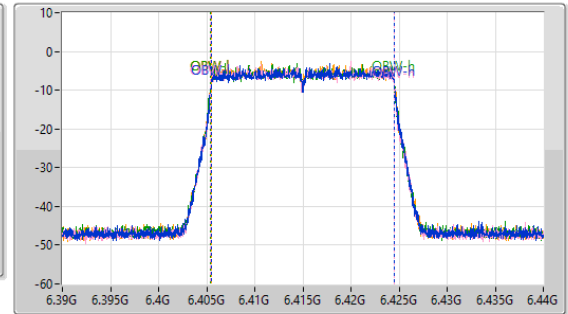
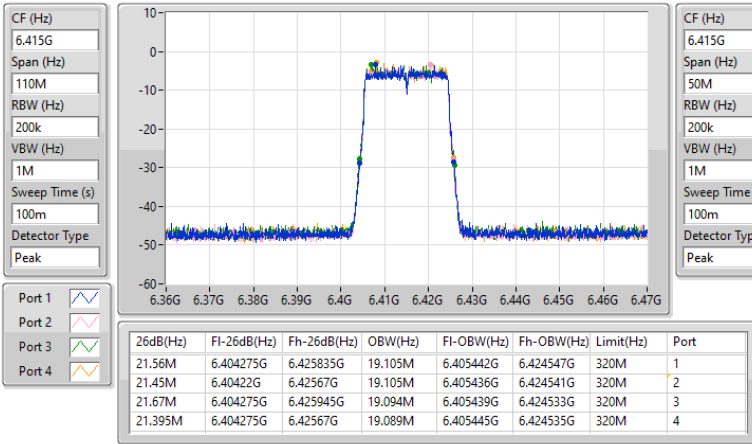


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

02/07/2025

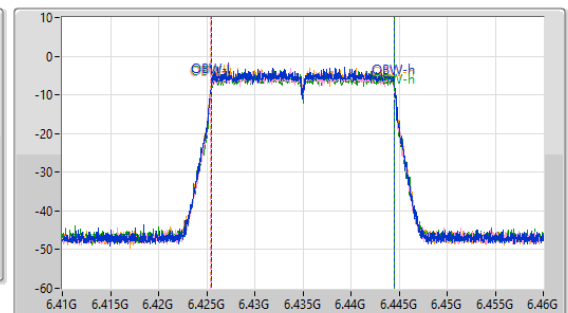
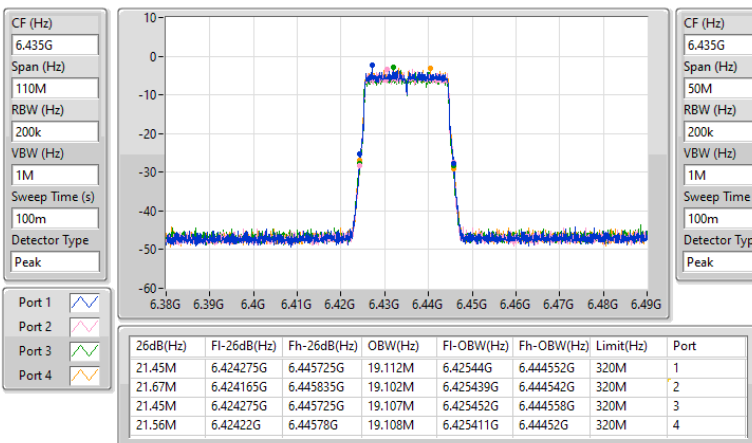


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

02/07/2025

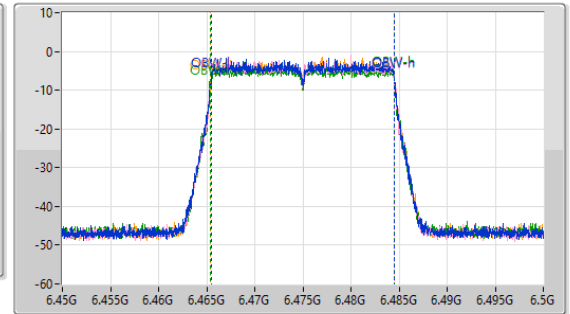
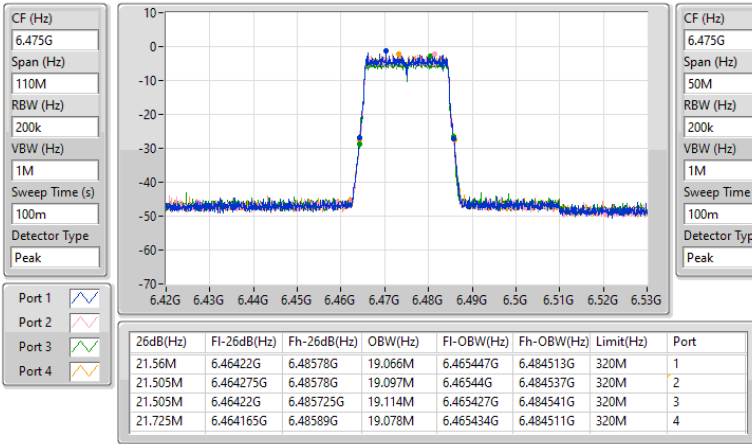


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

02/07/2025

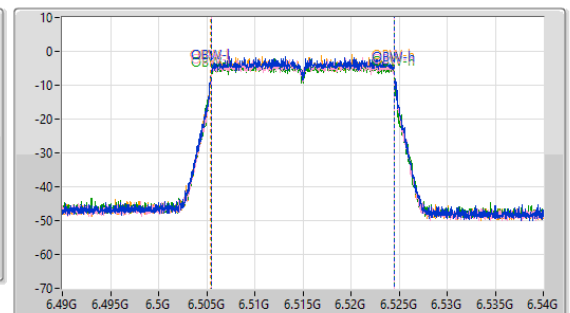
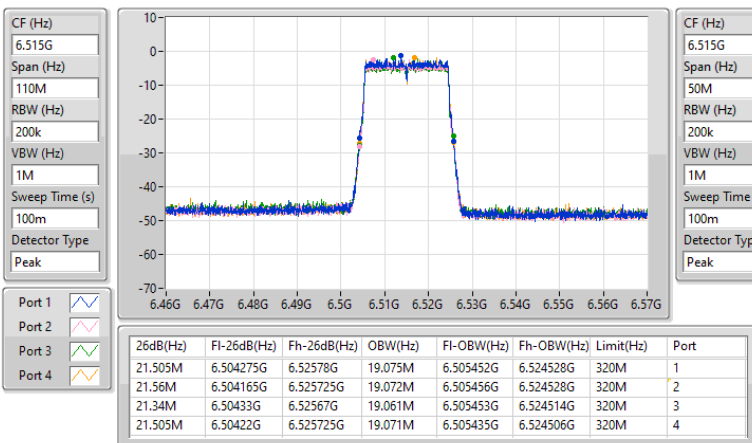


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6515MHz

02/07/2025

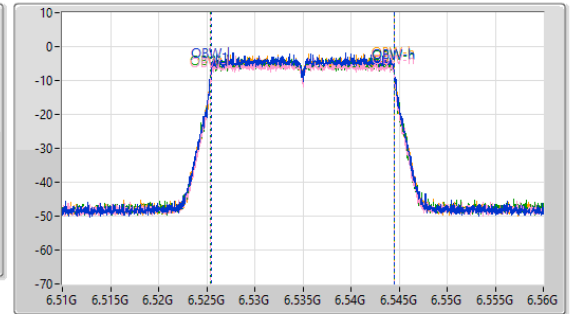
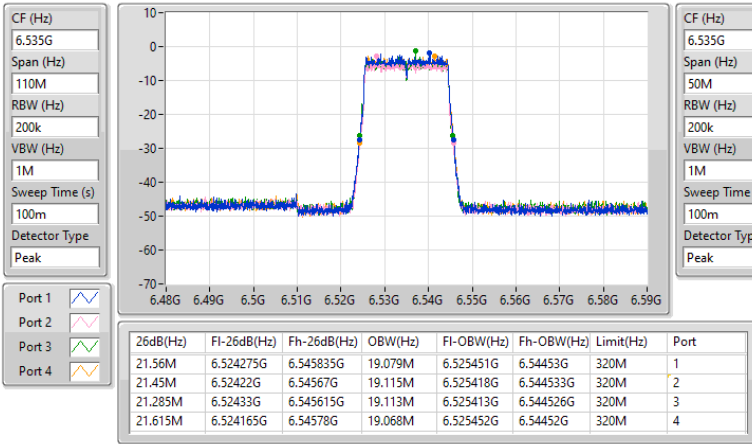


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

02/07/2025

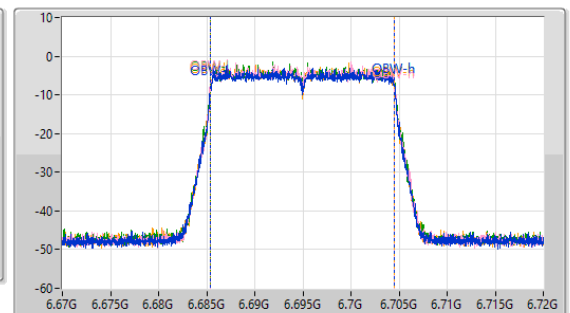
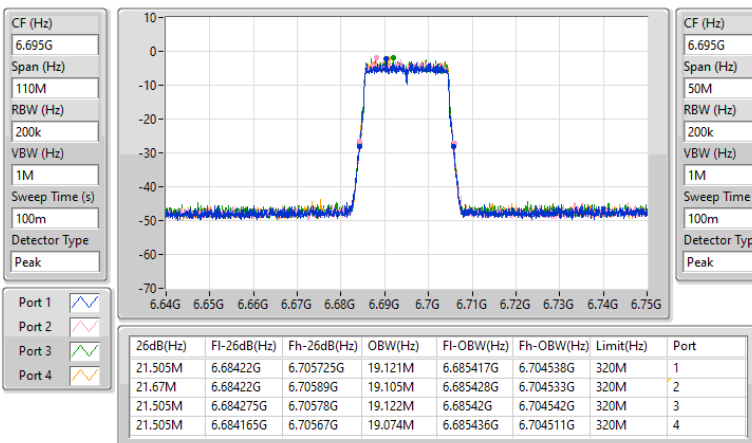


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

02/07/2025

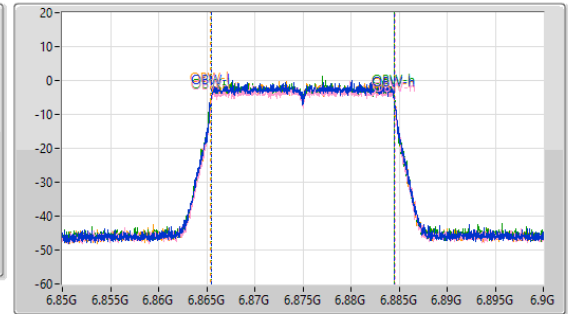
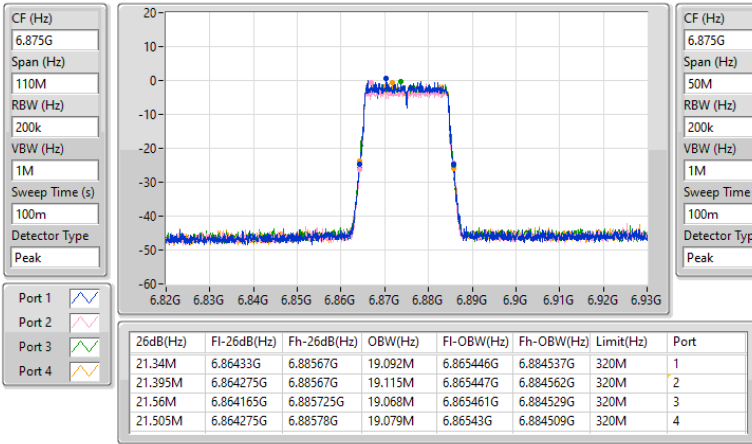


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

02/07/2025

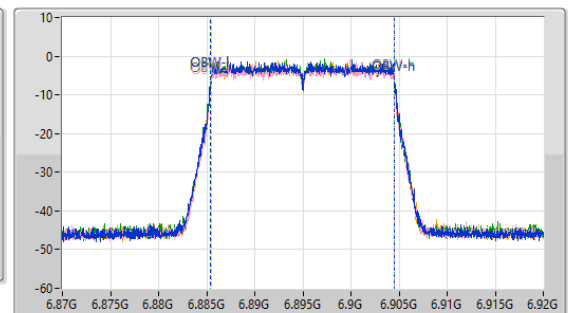
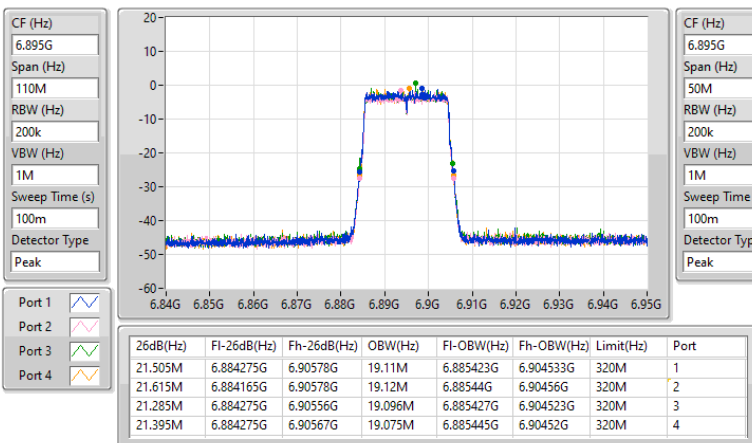


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

02/07/2025

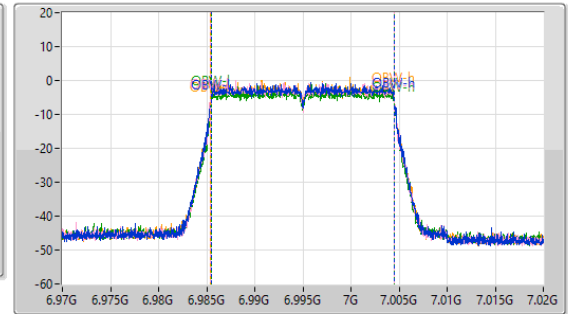
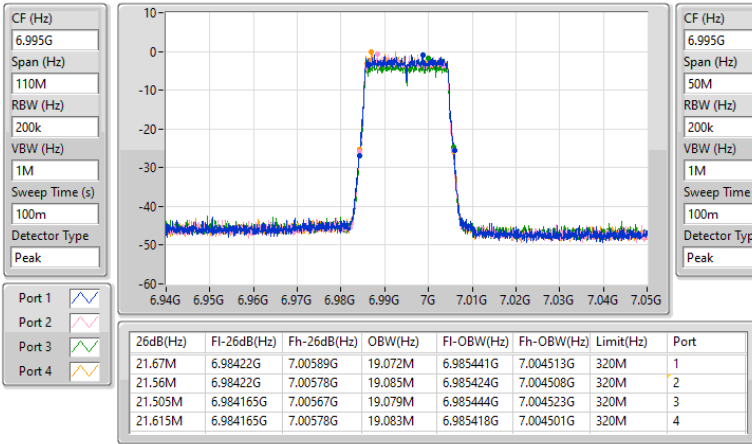


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

02/07/2025

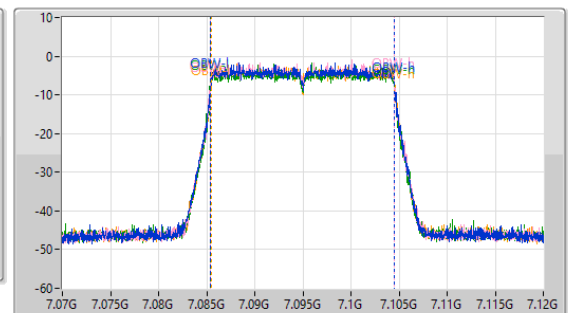
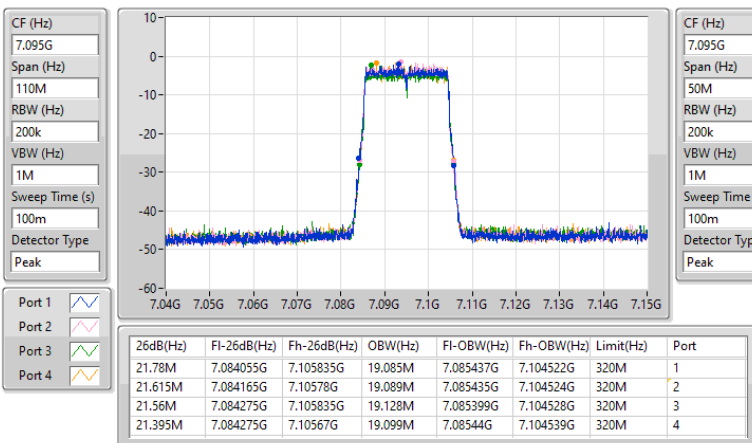


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

7095MHz

02/07/2025

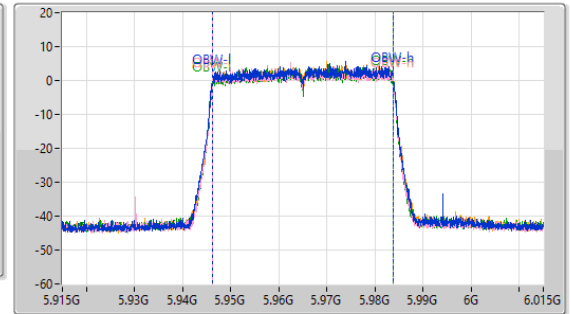
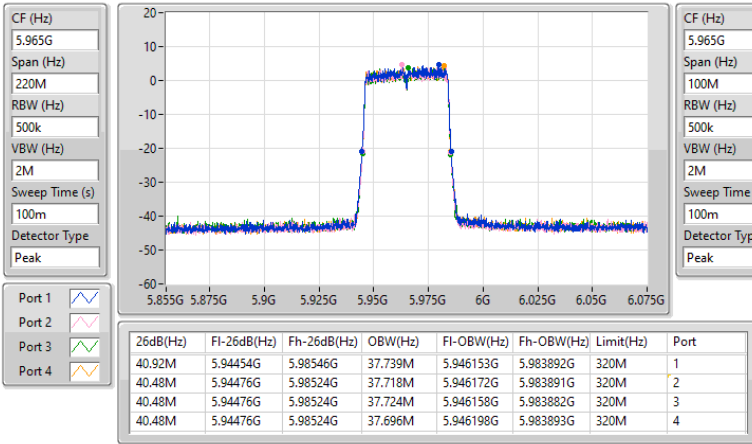


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

5965MHz

02/07/2025

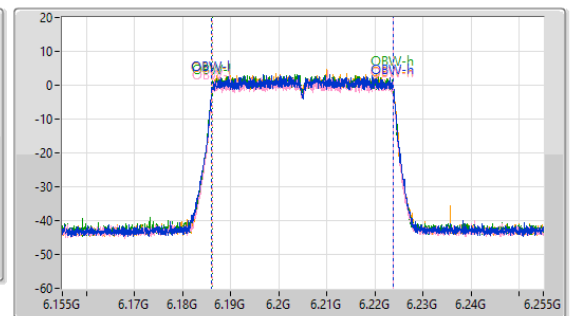
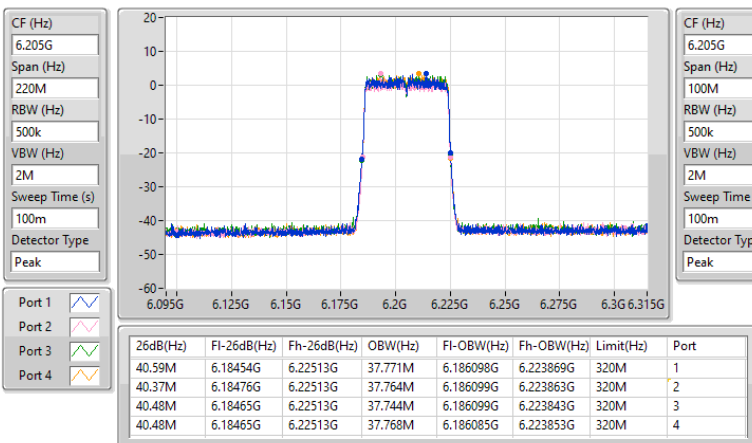


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6205MHz

02/07/2025

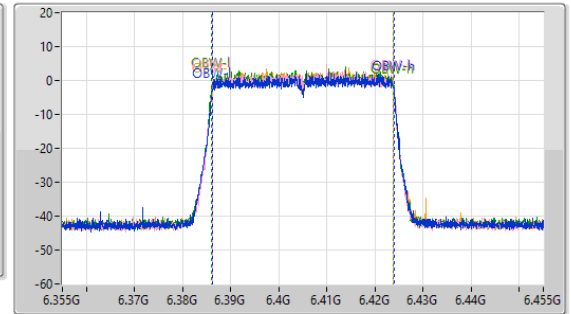
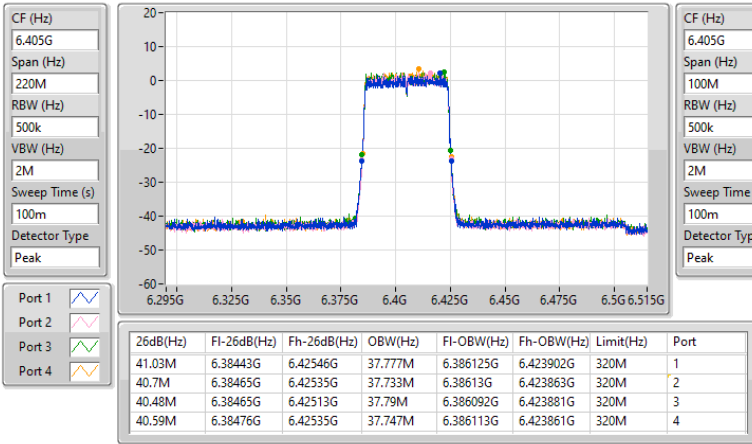


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

02/07/2025

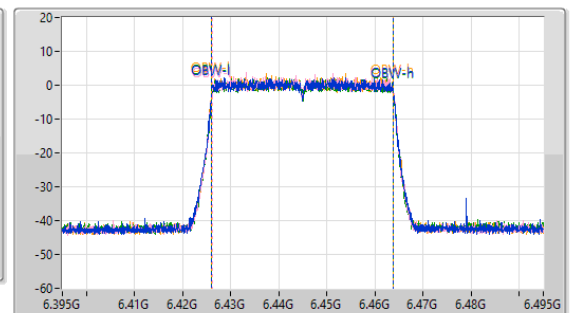
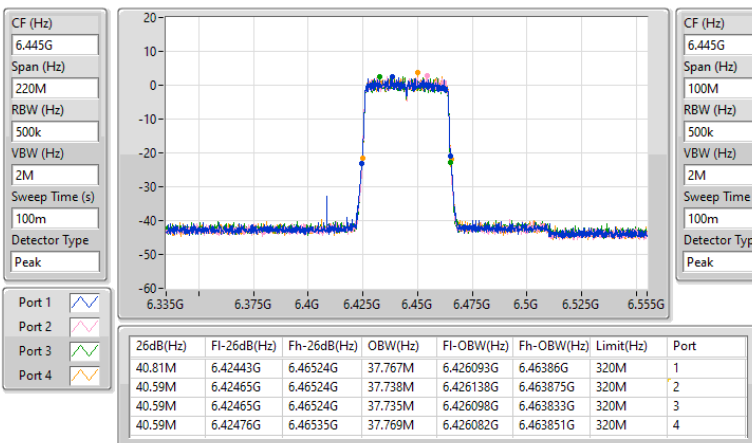


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6445MHz

02/07/2025

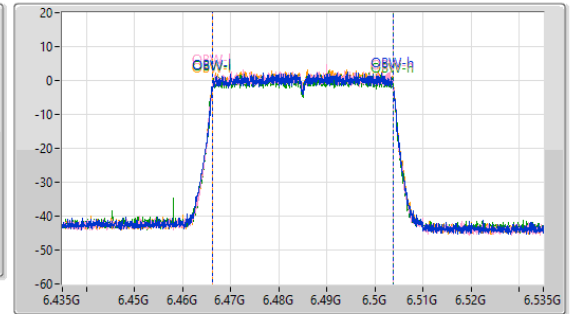
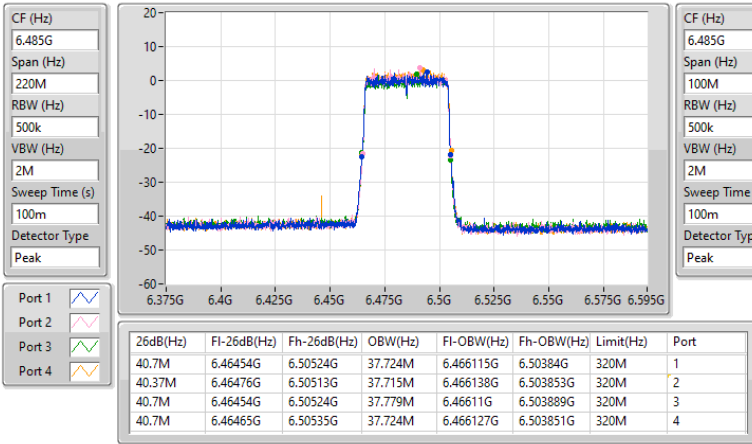


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6485MHz

02/07/2025

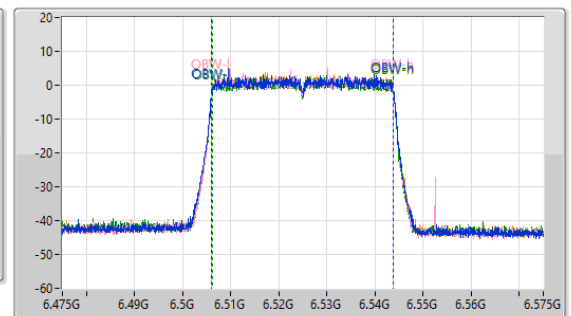
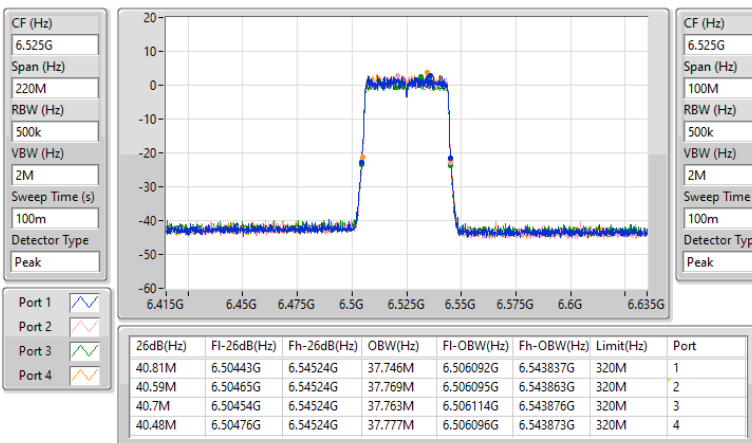


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6525MHz

02/07/2025

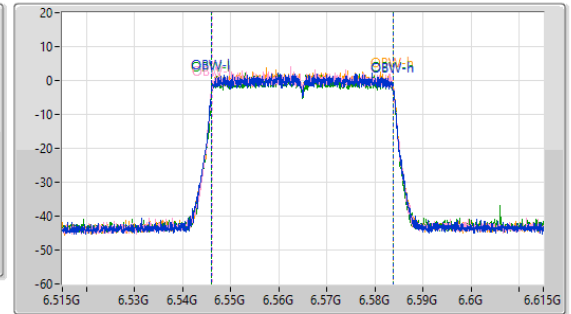
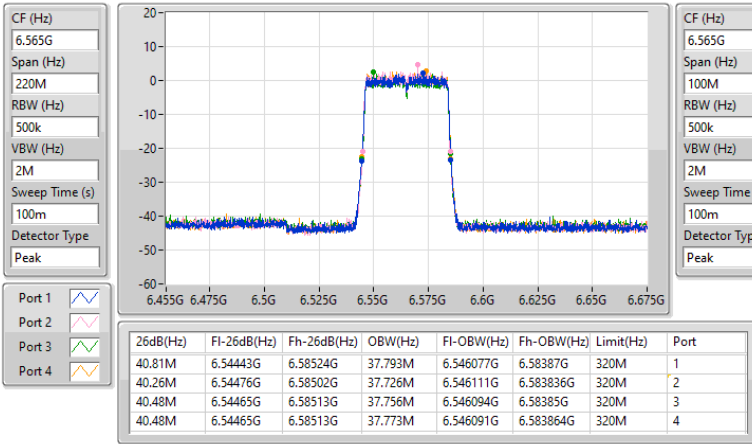


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6565MHz

02/07/2025

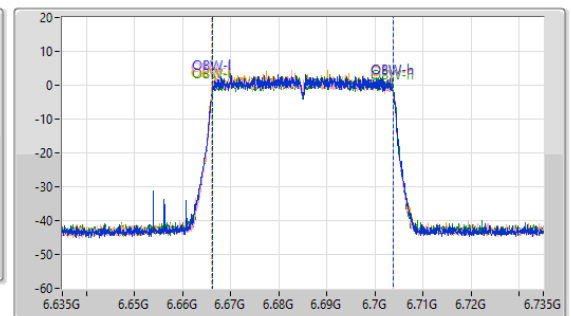
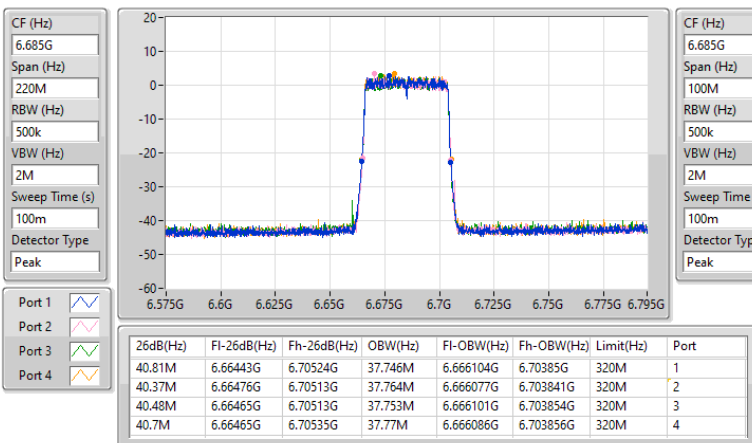


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

02/07/2025

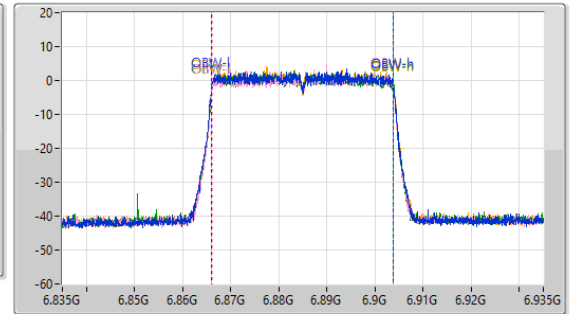
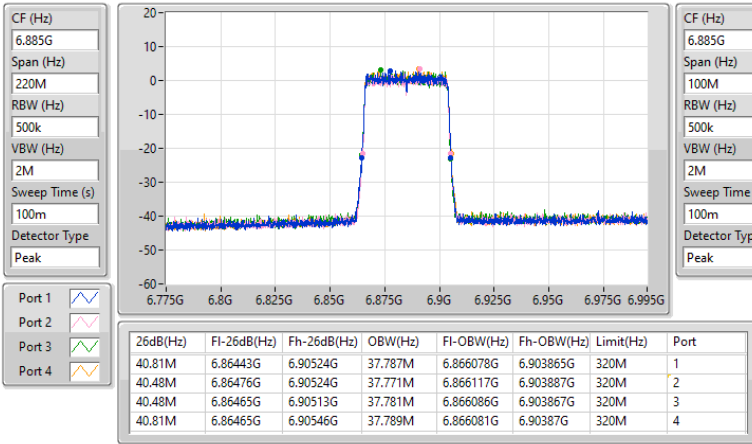


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

02/07/2025

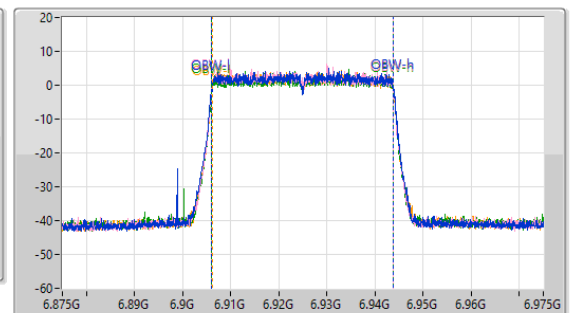
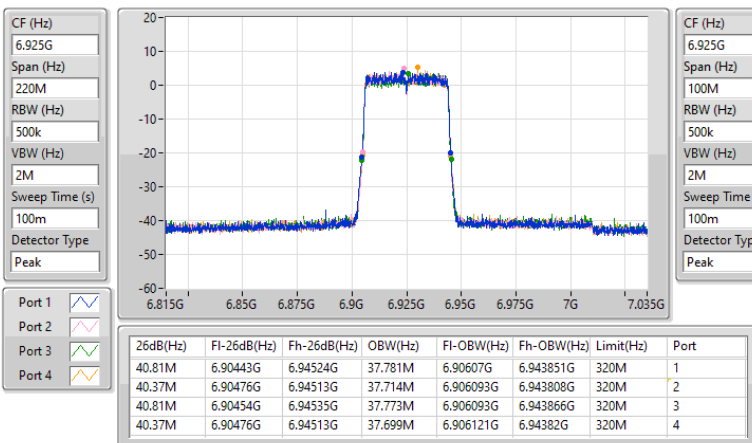


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

02/07/2025

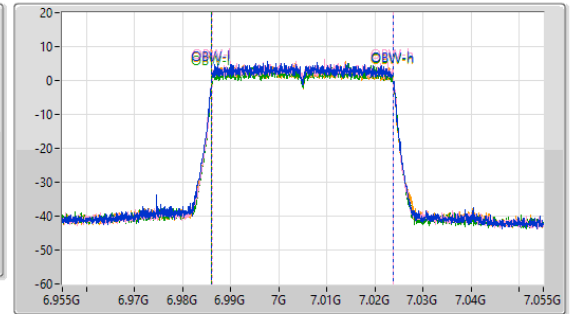
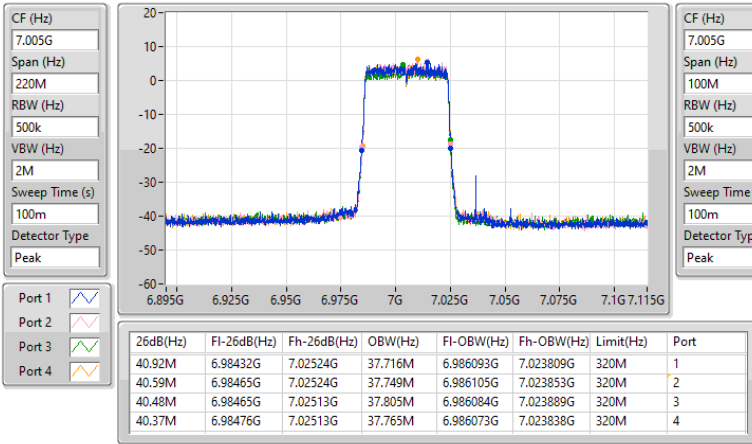


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

02/07/2025

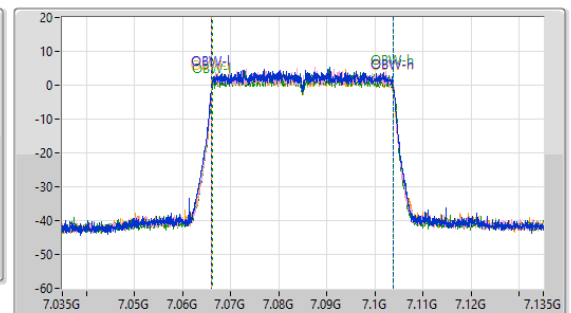
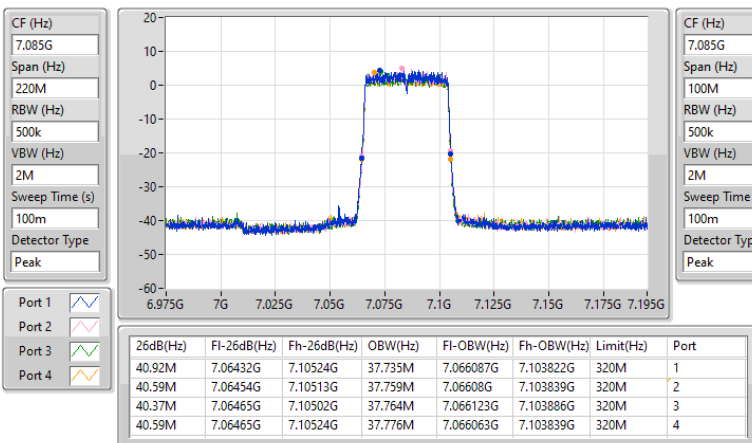


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7085MHz

02/07/2025

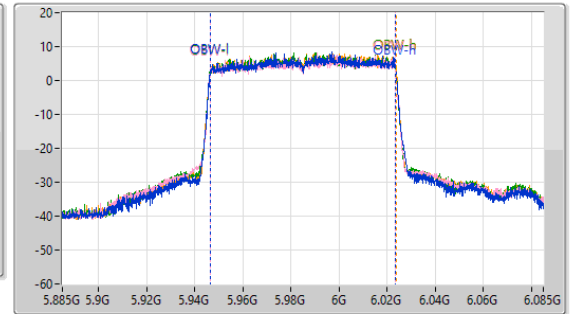
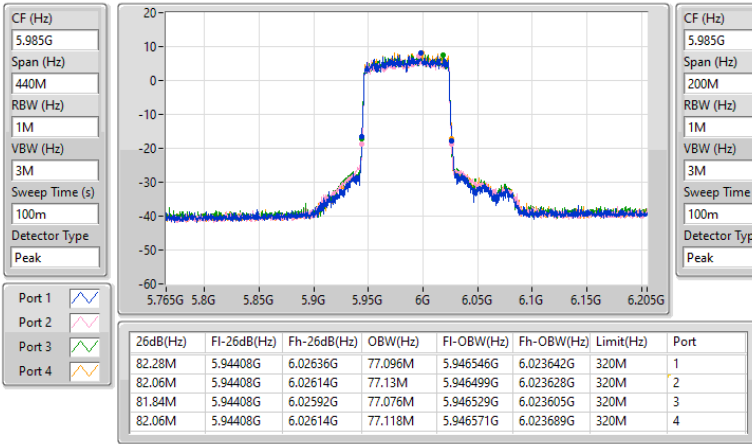


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

5985MHz

02/07/2025

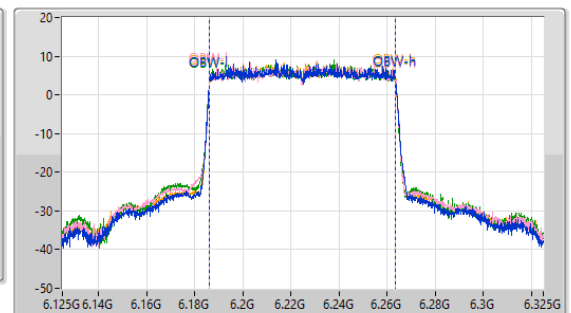
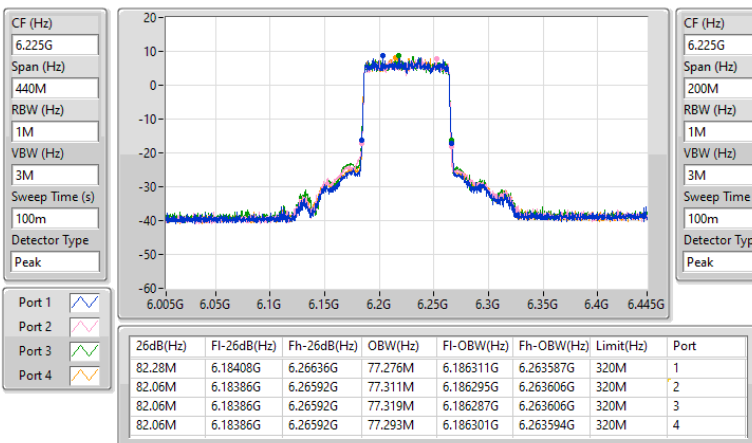


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6225MHz

02/07/2025

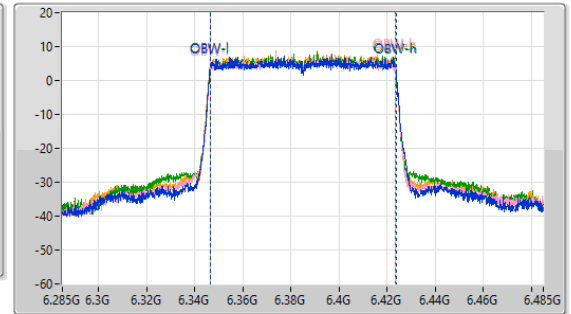
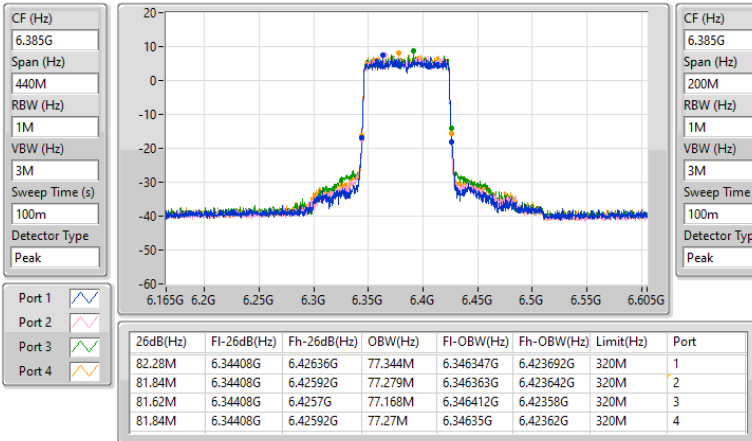


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6385MHz

02/07/2025

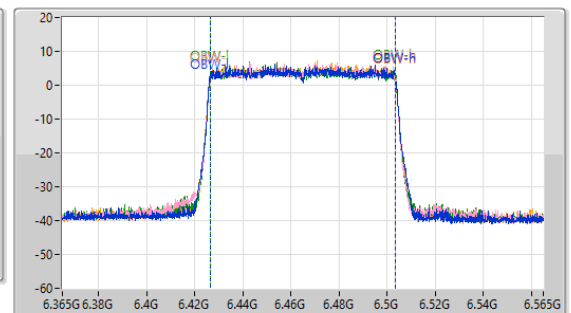
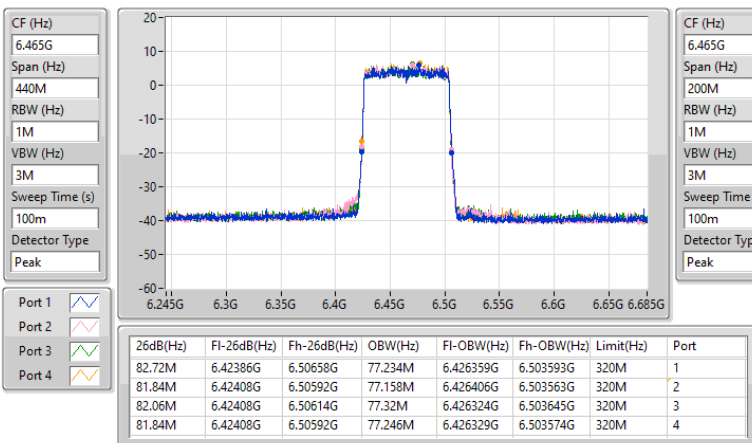


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6465MHz

02/07/2025

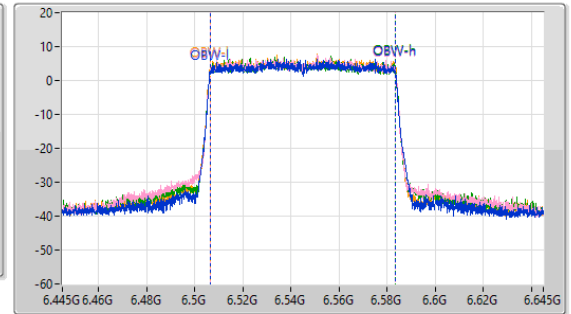
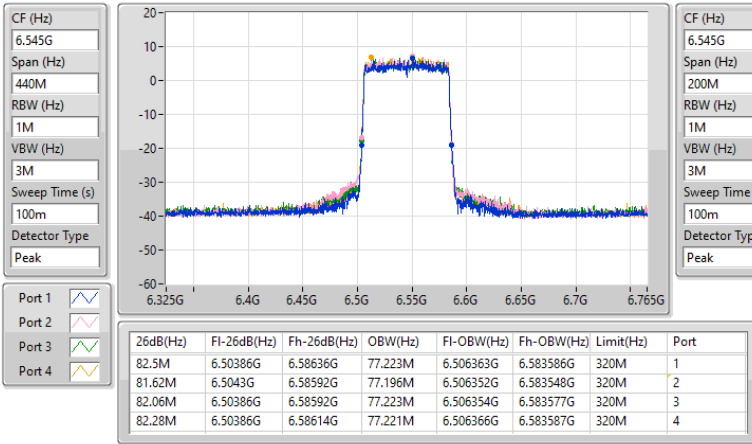


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

02/07/2025

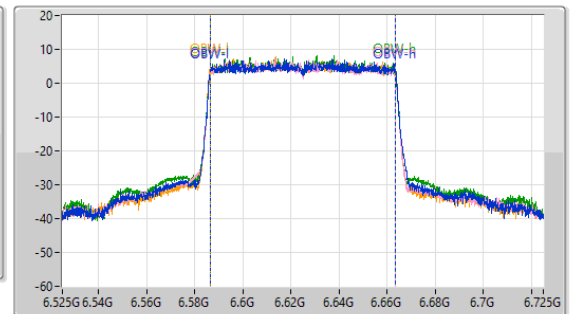
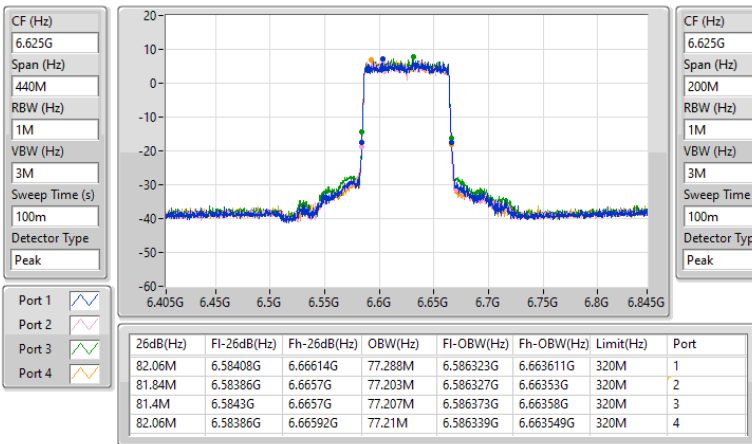


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

02/07/2025

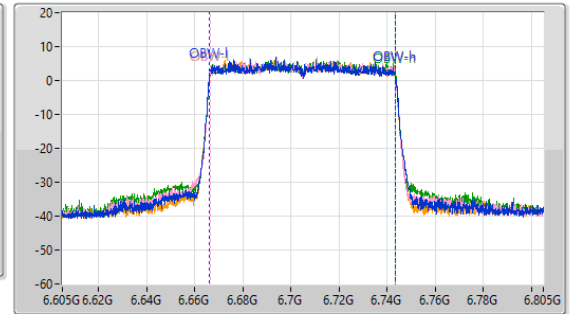
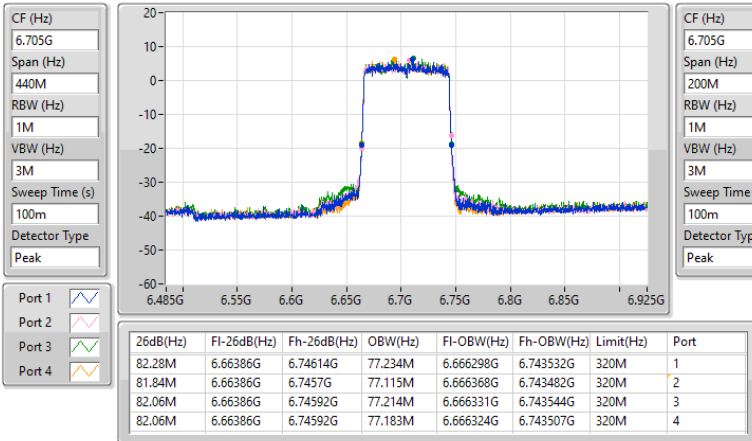


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

02/07/2025

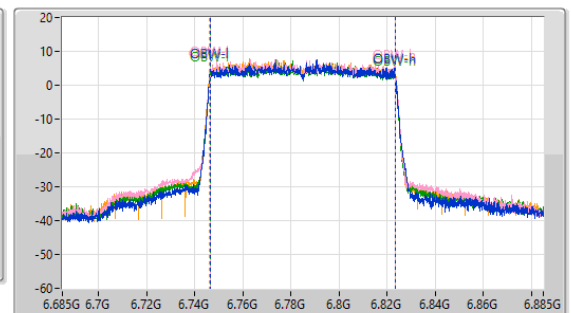
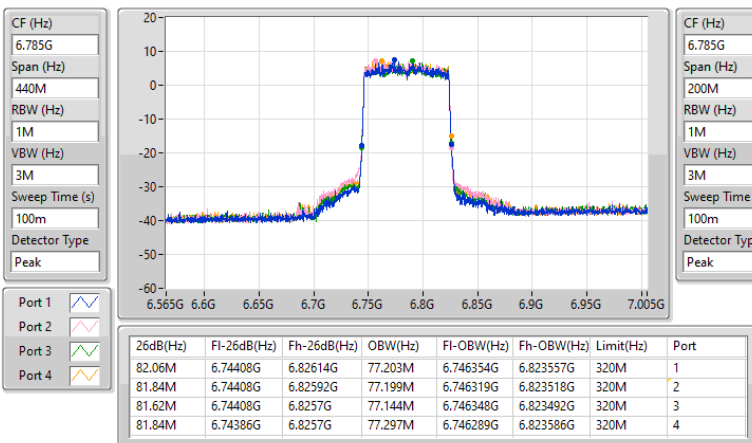


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

02/07/2025

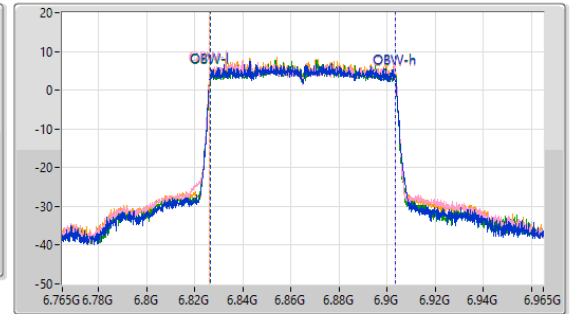
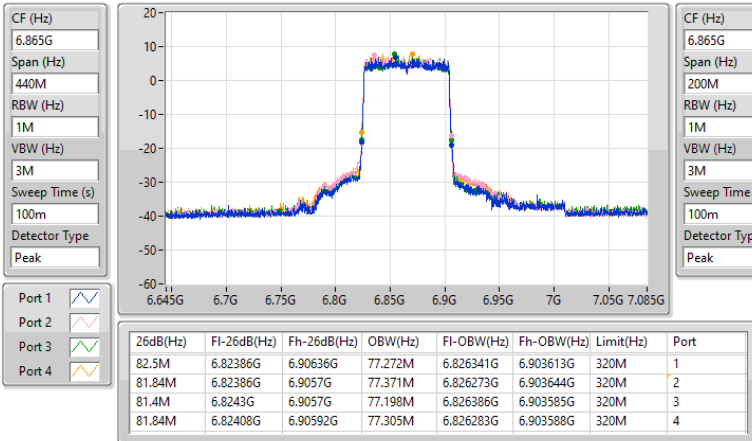


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6865MHz

02/07/2025

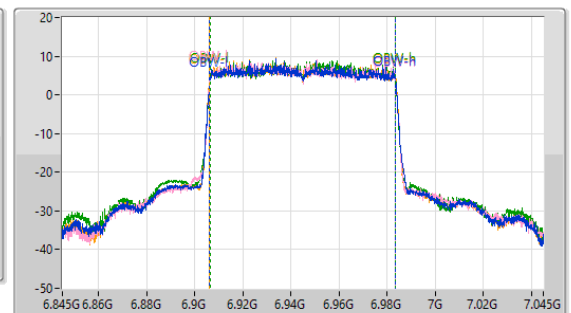
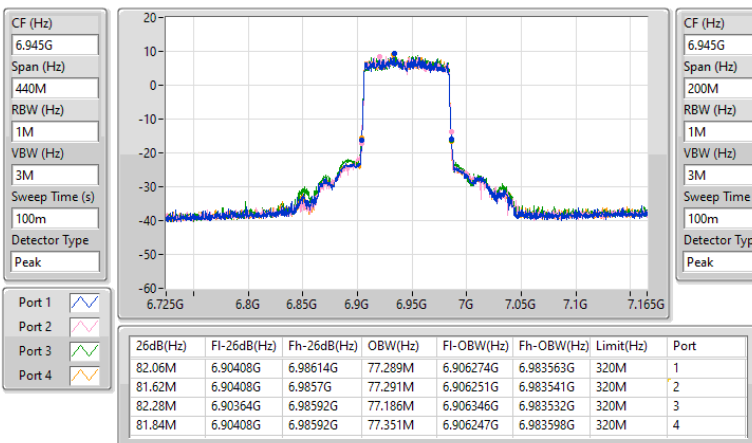


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6945MHz

02/07/2025

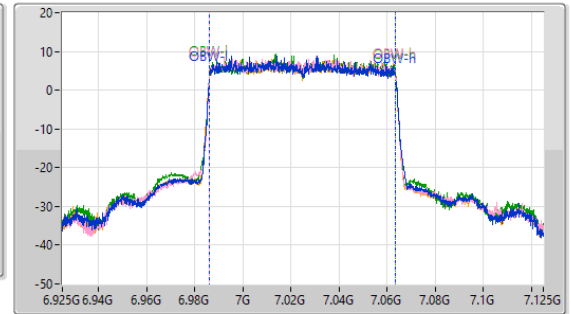
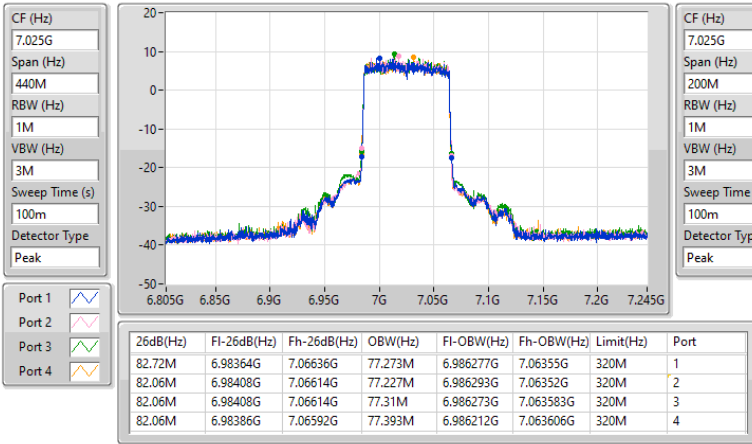


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

02/07/2025

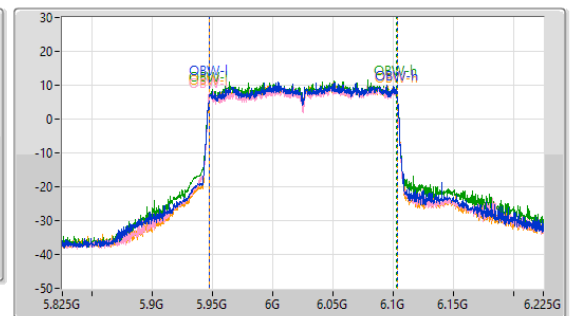
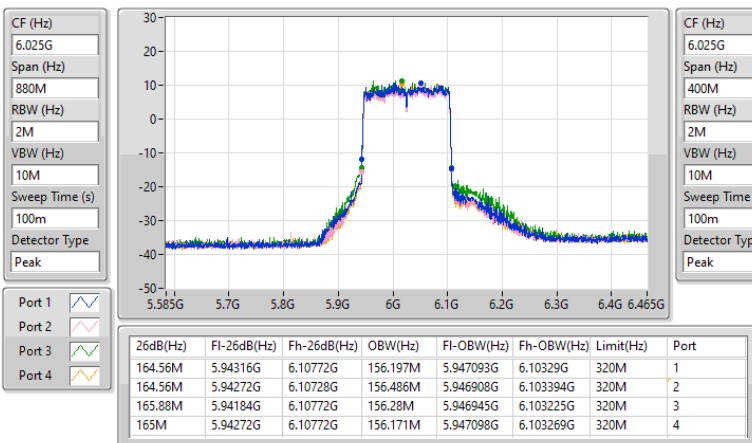


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6025MHz

02/07/2025

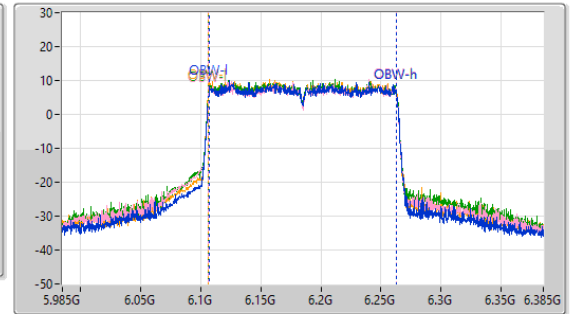
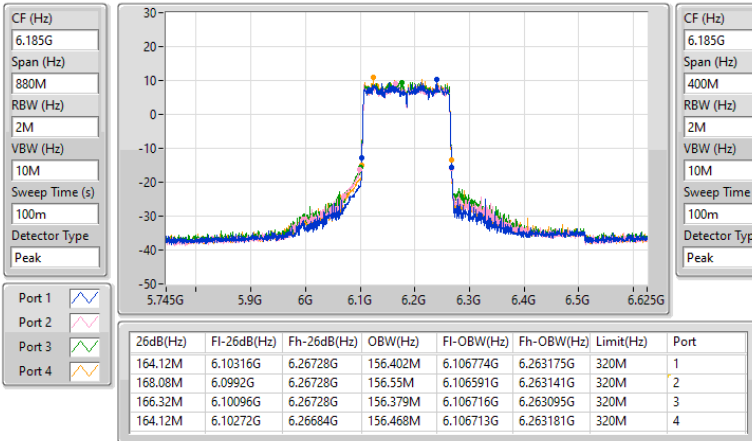


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

02/07/2025

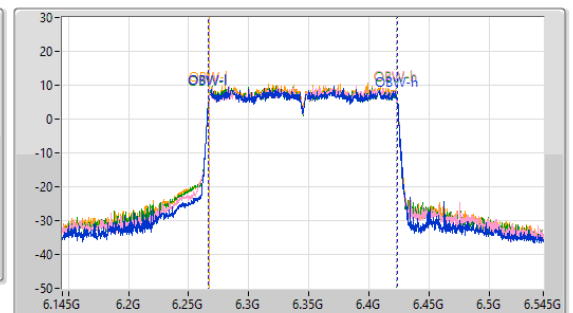
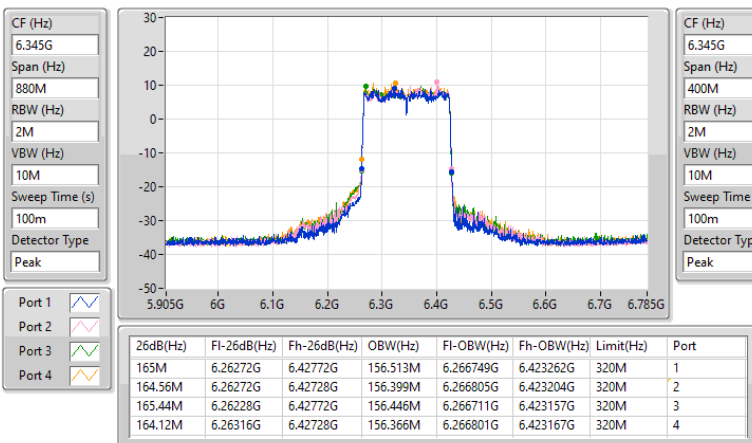


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

02/07/2025

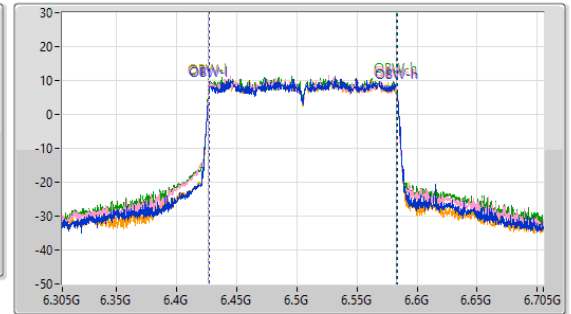
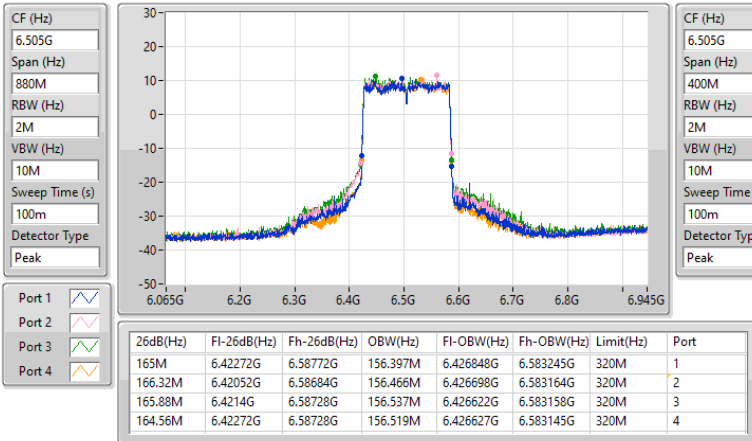


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

02/07/2025

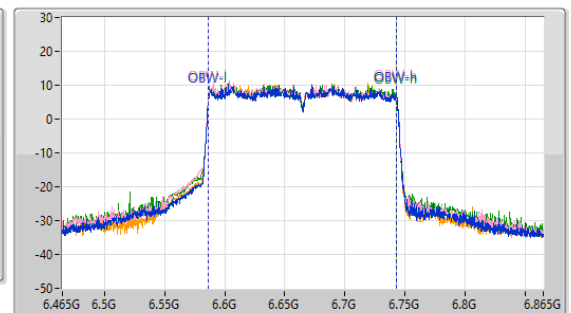
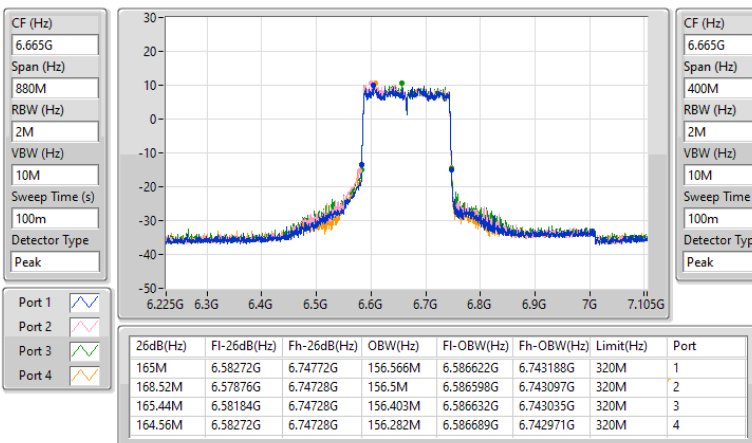


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

03/07/2025

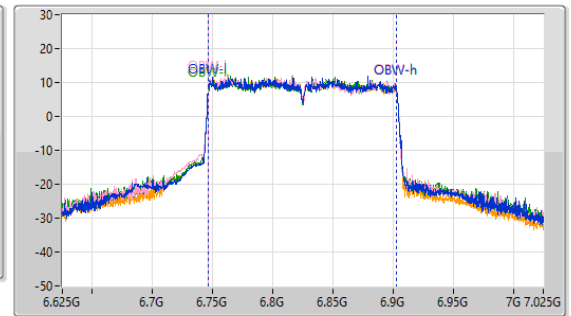
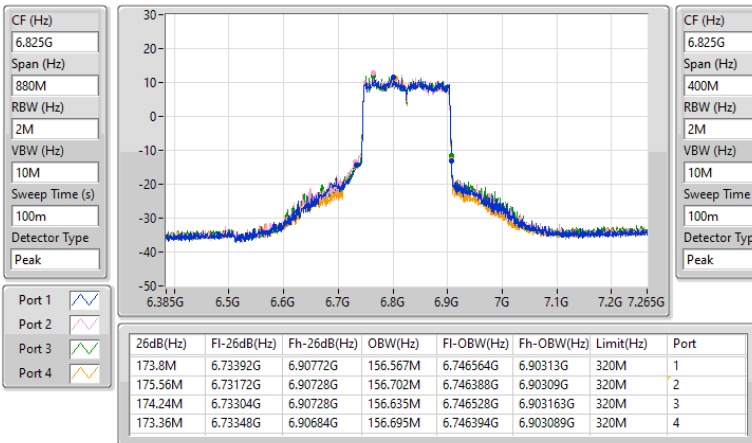


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

03/07/2025

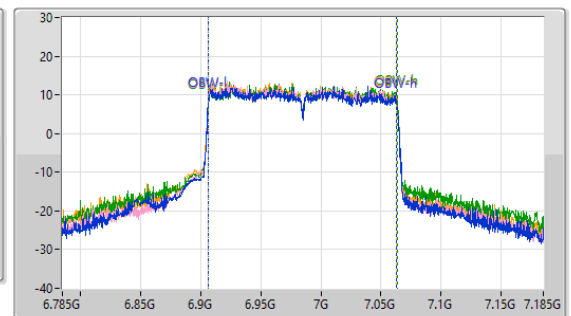
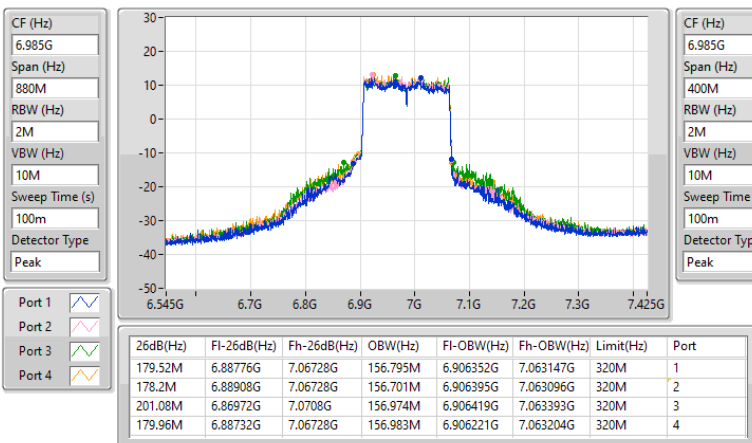


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

03/07/2025

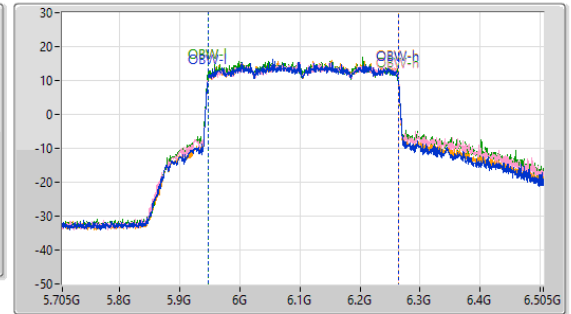
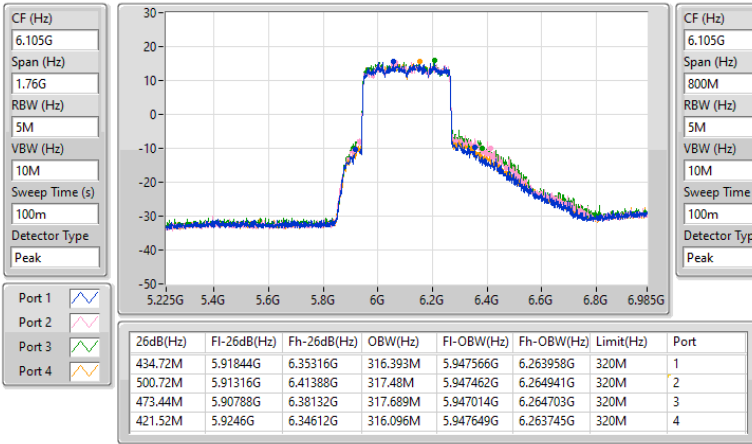


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6105MHz

03/07/2025

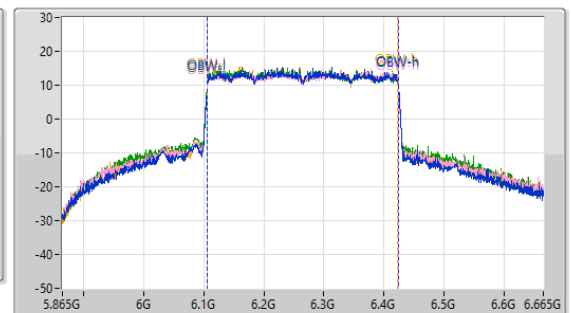
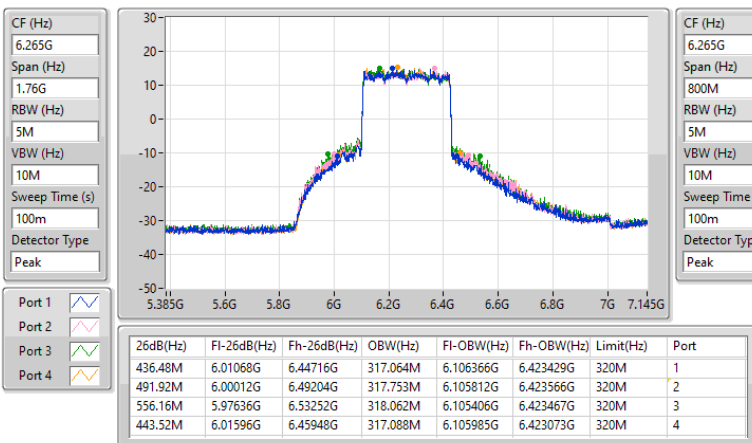


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6265MHz

03/07/2025

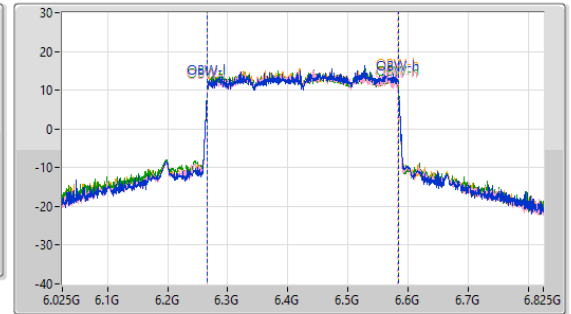
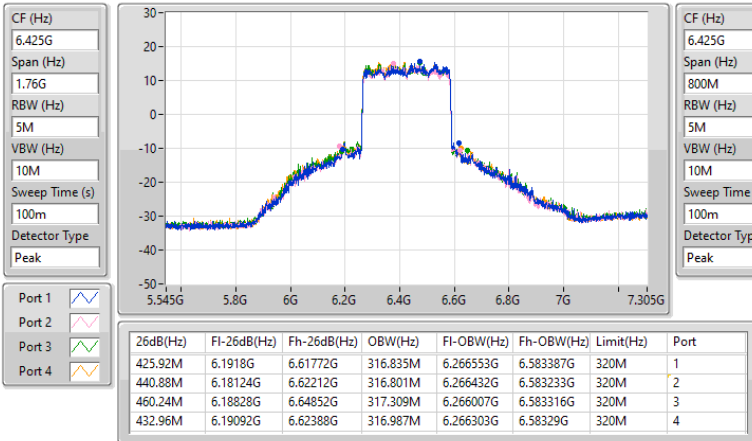


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6425MHz

03/07/2025

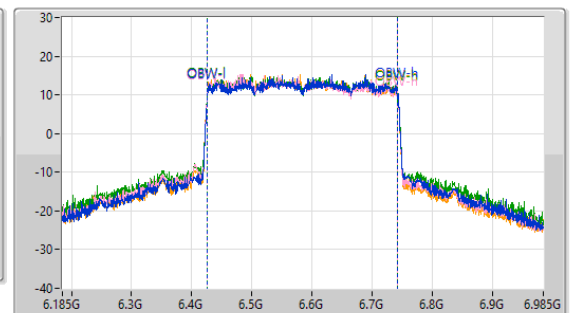
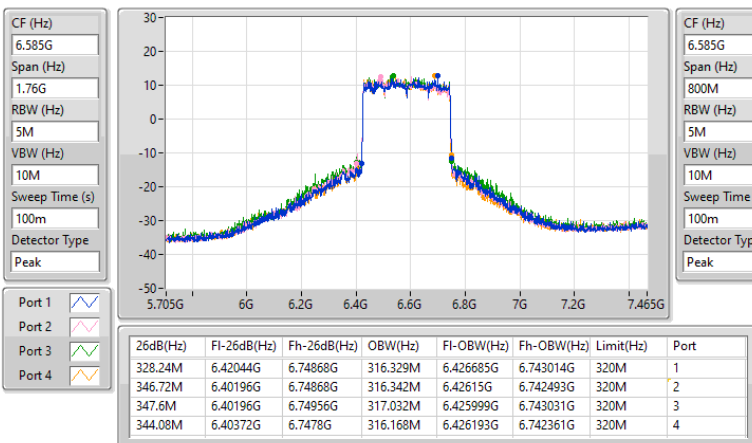


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6585MHz

03/07/2025

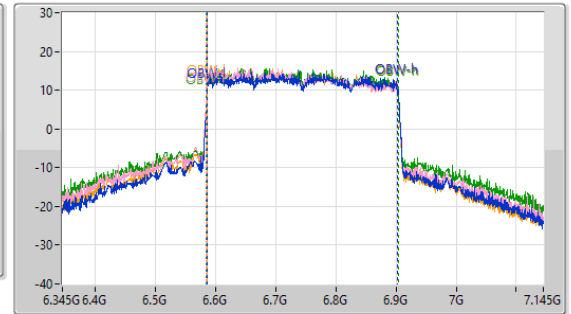
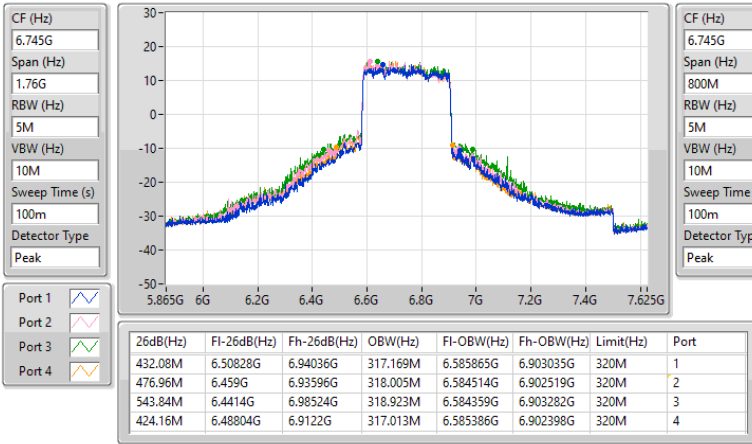


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6745MHz

03/07/2025

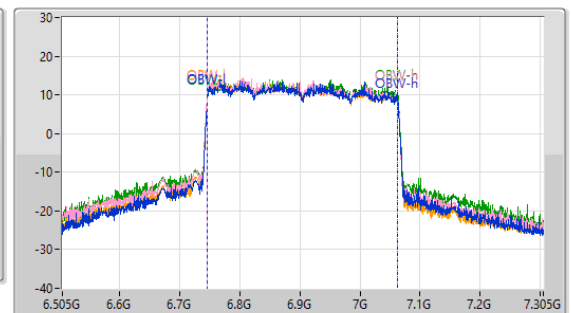
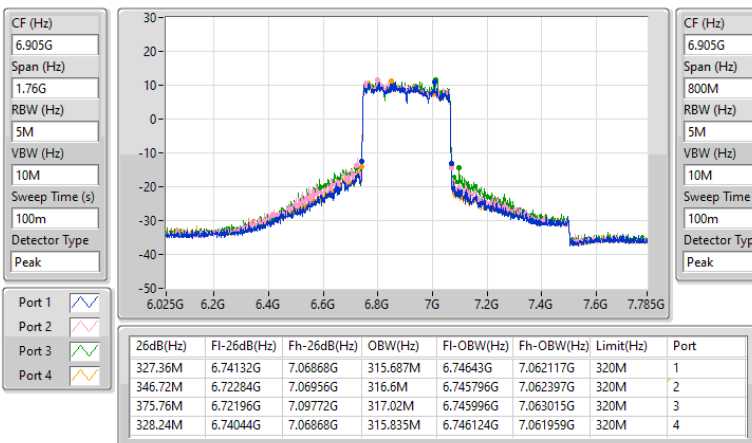


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6905MHz

03/07/2025



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.67M	19.084M	19M1D1D	21.23M	19.007M
802.11be EHT40_Nss1,(MCS0)_4TX	40.92M	37.807M	37M8D1D	40.15M	37.731M
802.11be EHT80_Nss1,(MCS0)_4TX	82.5M	77.427M	77M4D1D	81.62M	77.084M
802.11be EHT160_Nss1,(MCS0)_4TX	170.28M	156.618M	157MD1D	164.56M	156.214M
802.11be EHT320_Nss1,(MCS0)_4TX	538.56M	317.847M	318MD1D	327.36M	315.451M
6.425-6.525GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.78M	19.067M	19M1D1D	21.285M	19.029M
802.11be EHT40_Nss1,(MCS0)_4TX	40.92M	37.818M	37M8D1D	40.15M	37.689M
802.11be EHT80_Nss1,(MCS0)_4TX	82.5M	77.308M	77M3D1D	81.62M	77.144M
802.11be EHT160_Nss1,(MCS0)_4TX	165M	156.571M	157MD1D	164.12M	156.344M
802.11be EHT320_Nss1,(MCS0)_4TX	359.04M	316.416M	316MD1D	327.36M	316.097M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.56M	19.084M	19M1D1D	21.23M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	40.92M	37.818M	37M8D1D	40.26M	37.728M
802.11be EHT80_Nss1,(MCS0)_4TX	82.5M	77.362M	77M4D1D	81.62M	77.138M
802.11be EHT160_Nss1,(MCS0)_4TX	175.56M	156.539M	157MD1D	164.12M	156.304M
802.11be EHT320_Nss1,(MCS0)_4TX	448.8M	316.935M	317MD1D	326.48M	315.464M
6.875-7.125GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	21.67M	19.099M	19M1D1D	21.175M	19.031M
802.11be EHT40_Nss1,(MCS0)_4TX	41.14M	37.787M	37M8D1D	40.04M	37.701M
802.11be EHT80_Nss1,(MCS0)_4TX	82.5M	77.312M	77M3D1D	81.84M	77.203M
802.11be EHT160_Nss1,(MCS0)_4TX	170.28M	156.745M	157MD1D	164.56M	156.293M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.23M	19.047M	21.45M	19.03M	21.615M	19.051M	21.56M	19.041M
6195MHz	Pass	Inf	21.45M	19.084M	21.505M	19.05M	21.505M	19.077M	21.285M	19.042M
6415MHz	Pass	Inf	21.45M	19.062M	21.45M	19.007M	21.56M	19.063M	21.67M	19.064M
6435MHz	Pass	Inf	21.615M	19.037M	21.505M	19.042M	21.285M	19.065M	21.45M	19.067M
6475MHz	Pass	Inf	21.45M	19.052M	21.285M	19.043M	21.78M	19.061M	21.285M	19.037M
6515MHz	Pass	Inf	21.615M	19.038M	21.45M	19.042M	21.615M	19.029M	21.45M	19.062M
6535MHz	Pass	Inf	21.285M	19.071M	21.23M	19.045M	21.395M	19.069M	21.56M	19.04M
6695MHz	Pass	Inf	21.34M	19.068M	21.45M	19.06M	21.505M	19.029M	21.45M	19.015M
6875MHz	Pass	Inf	21.56M	19.066M	21.56M	19.084M	21.505M	19.045M	21.56M	19.075M
6895MHz	Pass	Inf	21.505M	19.05M	21.175M	19.044M	21.67M	19.053M	21.615M	19.031M
6995MHz	Pass	Inf	21.615M	19.058M	21.615M	19.034M	21.615M	19.071M	21.34M	19.041M
7095MHz	Pass	Inf	21.615M	19.099M	21.56M	19.075M	21.395M	19.048M	21.395M	19.053M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.59M	37.751M	40.15M	37.749M	40.26M	37.767M	40.48M	37.755M
6205MHz	Pass	Inf	40.92M	37.767M	40.59M	37.731M	40.7M	37.807M	40.7M	37.786M
6405MHz	Pass	Inf	40.59M	37.736M	40.48M	37.747M	40.81M	37.804M	40.48M	37.76M
6445MHz	Pass	Inf	40.81M	37.74M	40.48M	37.746M	40.59M	37.816M	40.48M	37.737M
6485MHz	Pass	Inf	40.81M	37.818M	40.48M	37.756M	40.48M	37.75M	40.59M	37.754M
6525MHz	Pass	Inf	40.92M	37.739M	40.15M	37.689M	40.26M	37.809M	40.59M	37.756M
6565MHz	Pass	Inf	40.81M	37.776M	40.37M	37.76M	40.59M	37.759M	40.59M	37.777M
6685MHz	Pass	Inf	40.92M	37.755M	40.26M	37.782M	40.59M	37.729M	40.59M	37.77M
6885MHz	Pass	Inf	40.81M	37.818M	40.7M	37.728M	40.59M	37.765M	40.48M	37.787M
6925MHz	Pass	Inf	40.81M	37.771M	40.37M	37.761M	40.37M	37.739M	40.59M	37.774M
7005MHz	Pass	Inf	40.59M	37.748M	40.48M	37.731M	40.92M	37.787M	40.7M	37.767M
7085MHz	Pass	Inf	41.14M	37.759M	40.04M	37.778M	40.7M	37.701M	40.48M	37.775M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.28M	77.102M	81.62M	77.183M	81.62M	77.084M	81.84M	77.116M
6225MHz	Pass	Inf	82.06M	77.26M	81.62M	77.259M	82.28M	77.31M	81.84M	77.272M
6385MHz	Pass	Inf	82.5M	77.355M	81.62M	77.3M	81.84M	77.316M	82.28M	77.427M
6465MHz	Pass	Inf	82.5M	77.144M	81.84M	77.308M	81.84M	77.277M	82.5M	77.252M
6545MHz	Pass	Inf	82.28M	77.29M	81.62M	77.164M	81.84M	77.239M	81.84M	77.206M
6625MHz	Pass	Inf	82.06M	77.229M	81.62M	77.221M	81.62M	77.269M	81.62M	77.2M
6705MHz	Pass	Inf	82.5M	77.255M	81.62M	77.138M	81.62M	77.266M	81.62M	77.24M
6785MHz	Pass	Inf	82.28M	77.318M	81.84M	77.276M	82.06M	77.259M	82.06M	77.226M
6865MHz	Pass	Inf	82.5M	77.318M	81.62M	77.362M	82.06M	77.284M	82.06M	77.352M
6945MHz	Pass	Inf	82.06M	77.239M	81.84M	77.312M	82.06M	77.288M	81.84M	77.294M
7025MHz	Pass	Inf	82.5M	77.259M	82.06M	77.203M	82.06M	77.203M	82.06M	77.312M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	164.56M	156.254M	165M	156.375M	166.32M	156.214M	165.44M	156.323M
6185MHz	Pass	Inf	167.2M	156.575M	170.28M	156.57M	167.64M	156.452M	165.44M	156.422M
6345MHz	Pass	Inf	164.56M	156.618M	168.08M	156.475M	165M	156.607M	164.56M	156.589M
6505MHz	Pass	Inf	164.56M	156.443M	164.56M	156.571M	164.12M	156.344M	165M	156.441M
6665MHz	Pass	Inf	165M	156.452M	164.56M	156.344M	164.56M	156.503M	164.56M	156.389M
6825MHz	Pass	Inf	164.12M	156.304M	175.56M	156.417M	166.76M	156.382M	166.32M	156.539M
6985MHz	Pass	Inf	164.56M	156.293M	168.08M	156.558M	165.44M	156.494M	170.28M	156.745M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	330M	315.874M	327.36M	315.819M	327.36M	315.451M	330.88M	315.706M
6265MHz	Pass	Inf	468.16M	317.625M	538.56M	317.847M	451.44M	317.085M	479.6M	317.069M
6425MHz	Pass	Inf	395.12M	317.048M	392.48M	316.415M	327.36M	316.571M	393.36M	316.837M
6585MHz	Pass	Inf	359.04M	316.416M	344.08M	316.097M	327.36M	316.108M	327.36M	316.138M
6745MHz	Pass	Inf	448.8M	316.653M	392.48M	316.935M	391.6M	316.584M	392.48M	316.538M
6905MHz	Pass	Inf	327.36M	315.632M	326.48M	315.464M	328.24M	315.749M	326.48M	315.786M

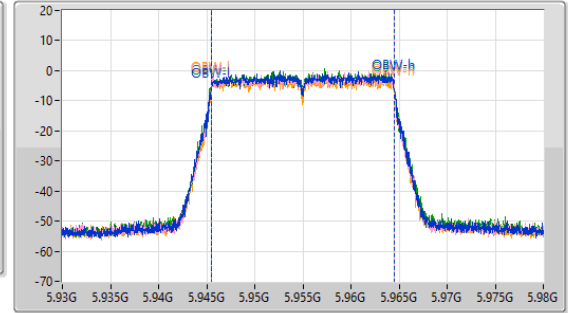
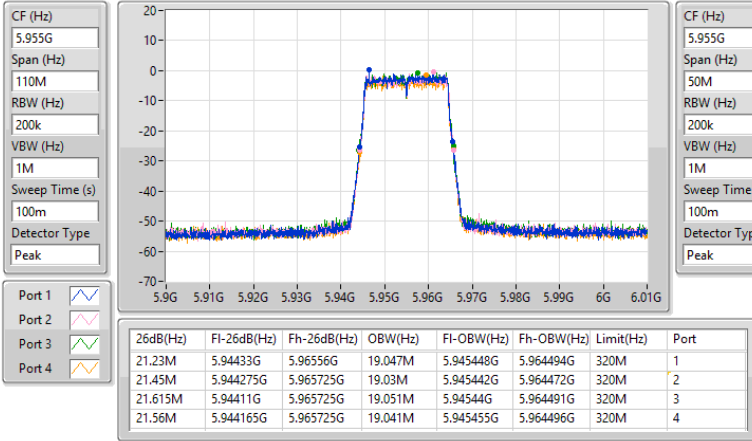
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

27/06/2025

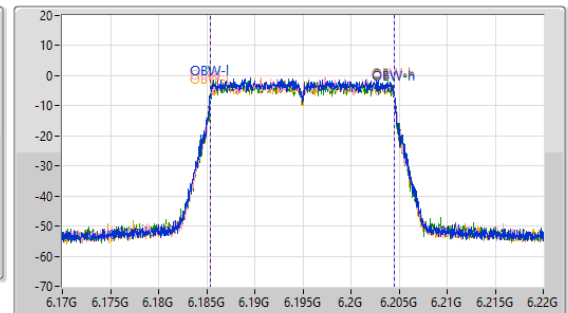
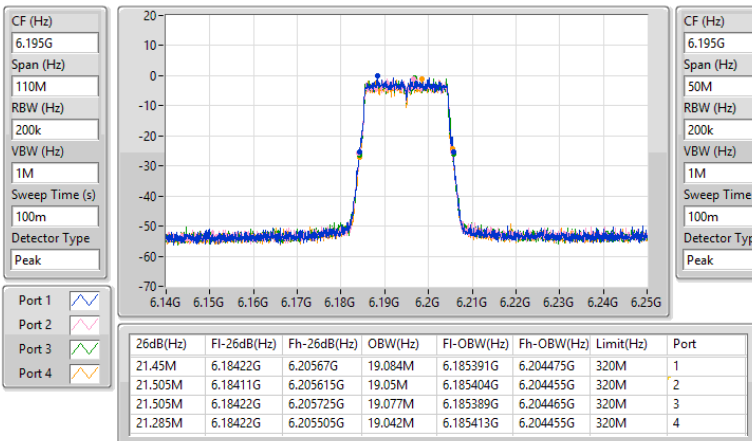


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6195MHz

27/06/2025

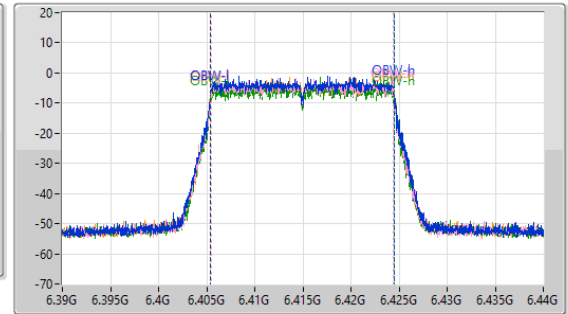
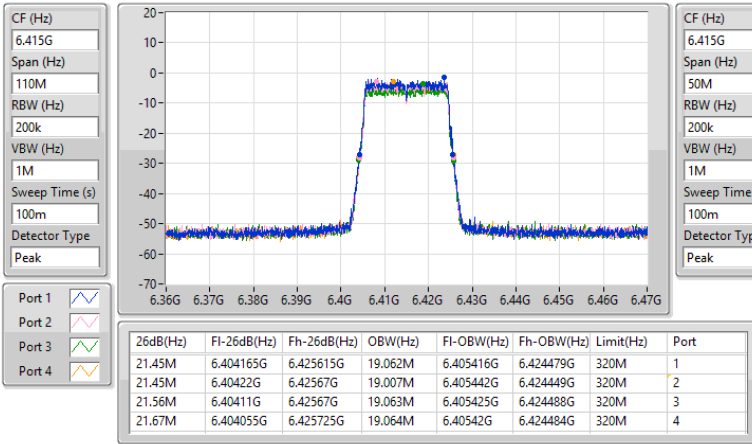


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6415MHz

27/06/2025

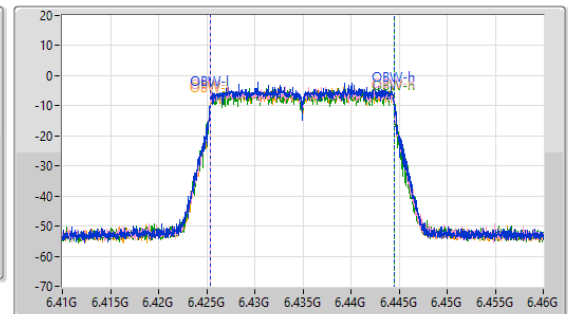
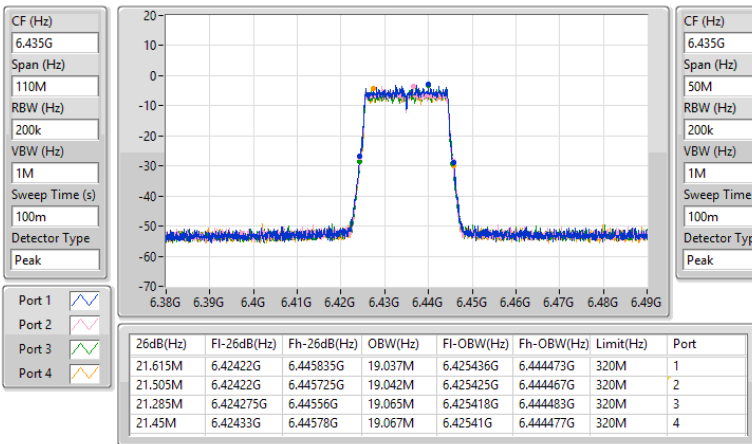


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6435MHz

27/06/2025

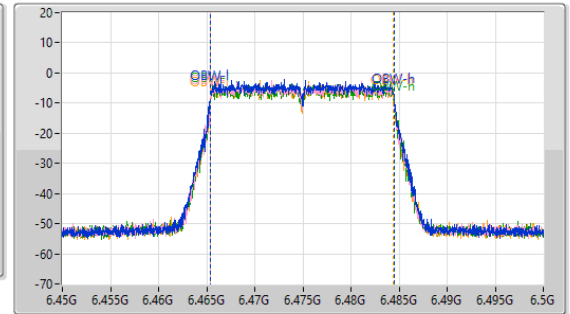
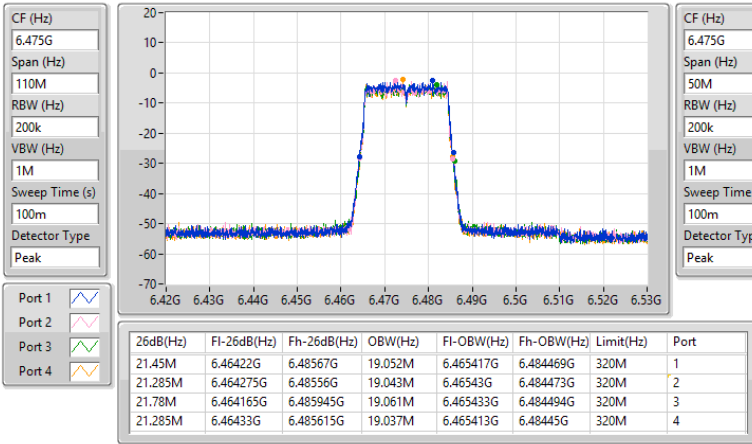


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6475MHz

27/06/2025

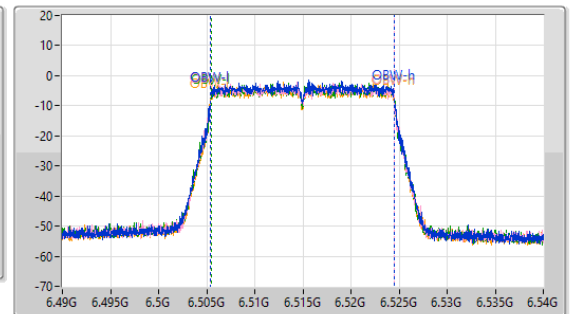
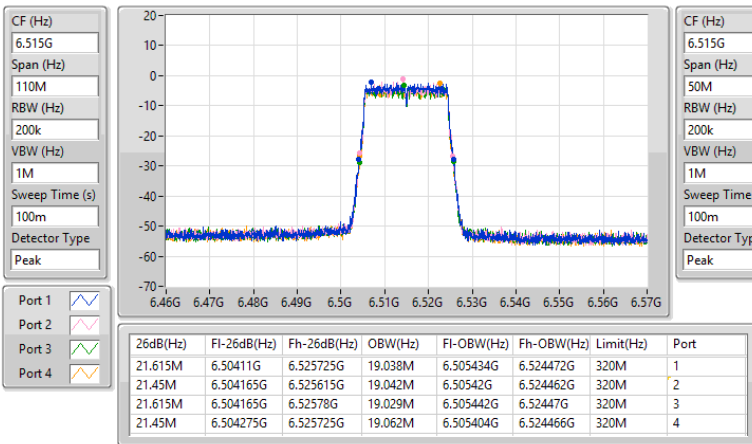


6.425-6.525GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6515MHz

27/06/2025

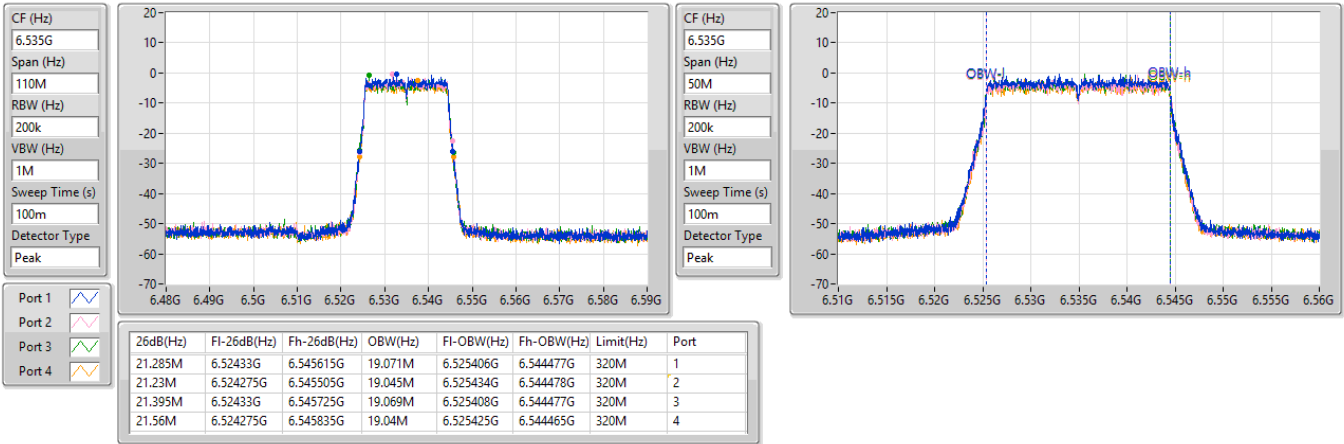


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6535MHz

27/06/2025

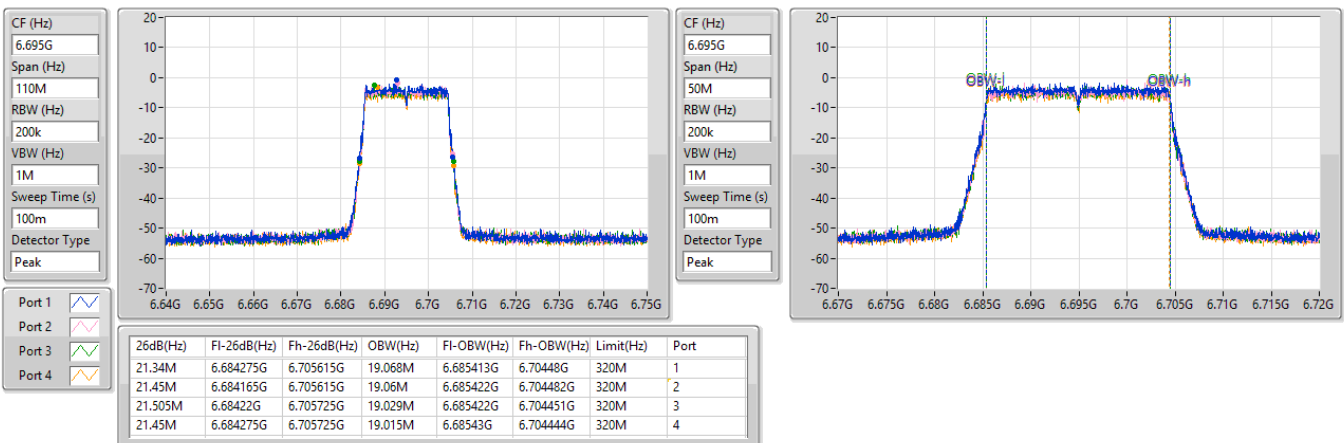


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

27/06/2025

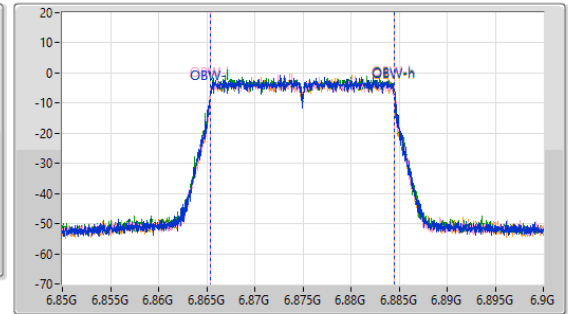
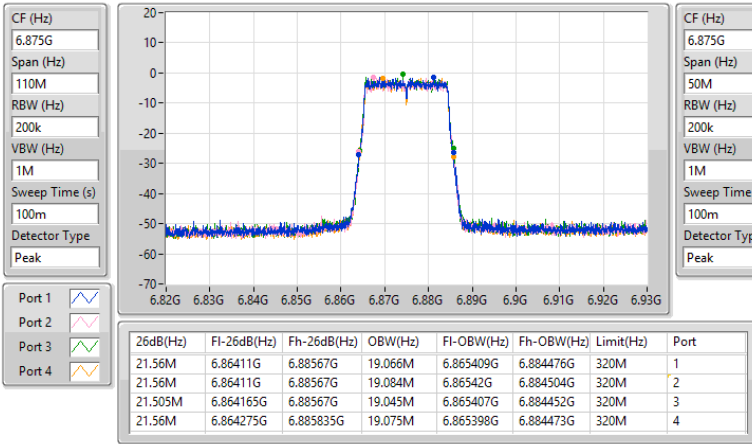


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6875MHz

27/06/2025

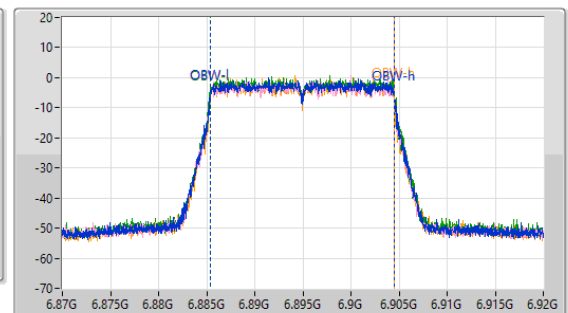
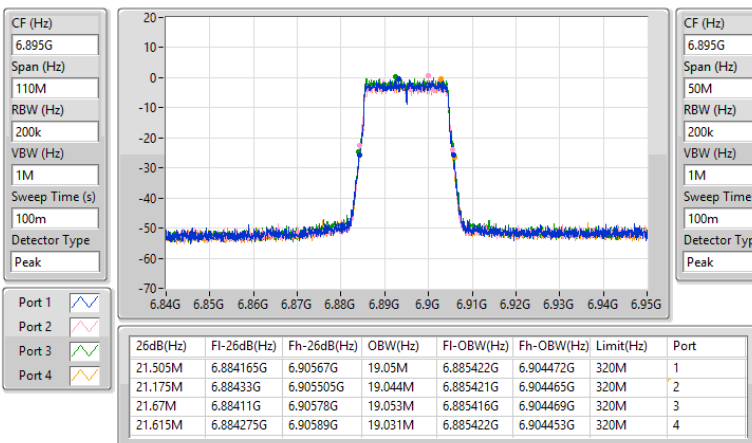


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6895MHz

27/06/2025

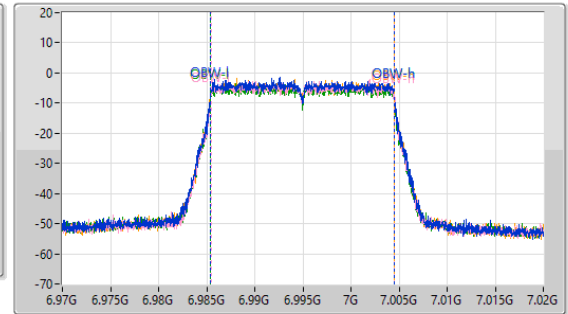
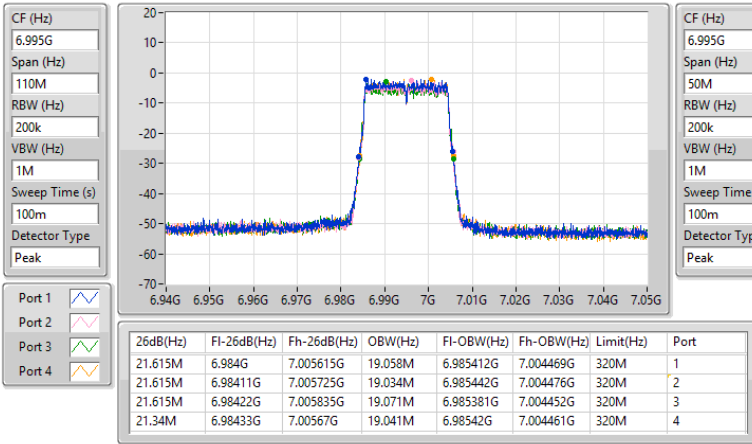


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6995MHz

27/06/2025

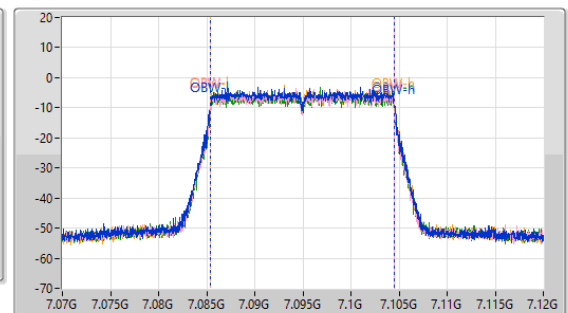
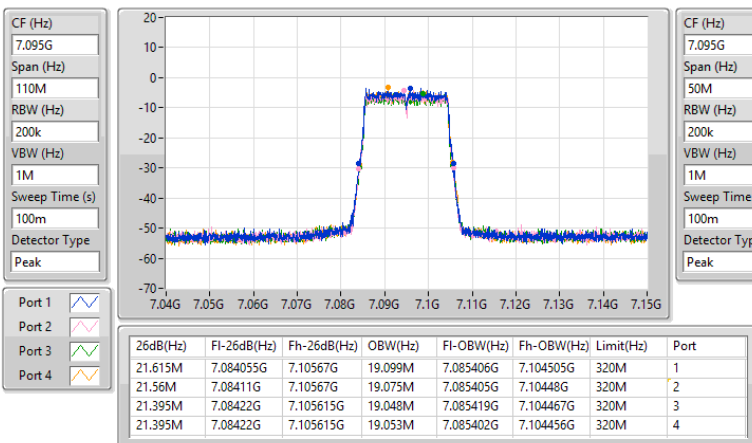


6.875-7.125GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

7095MHz

27/06/2025

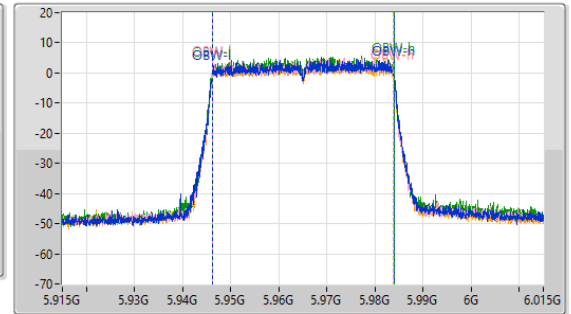
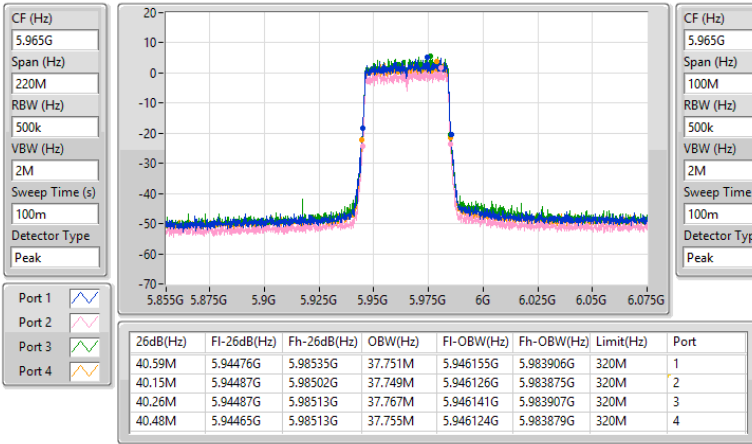


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5965MHz

27/06/2025

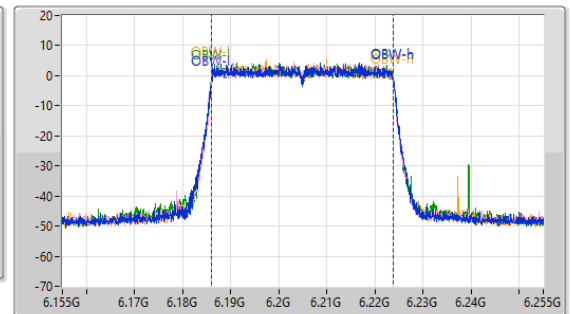
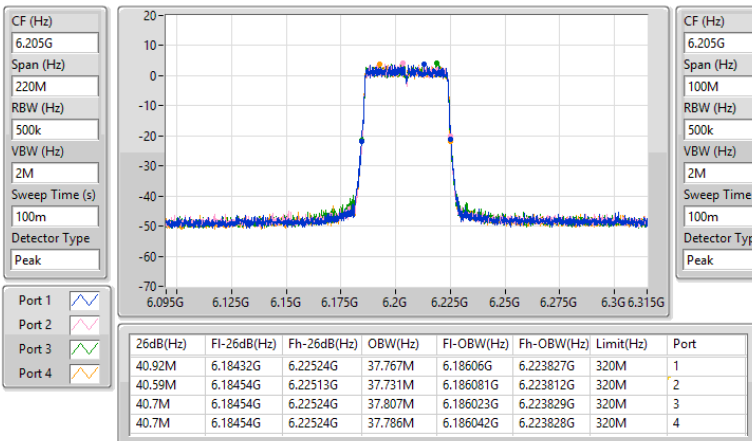


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6205MHz

27/06/2025

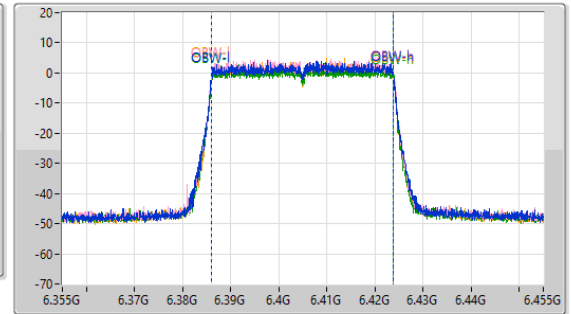
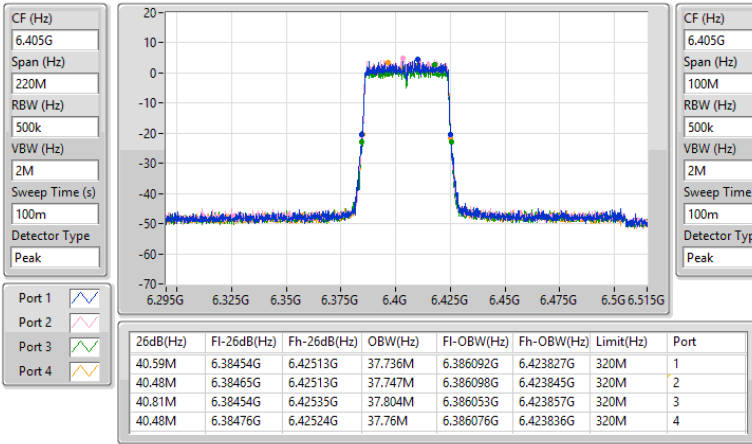


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6405MHz

27/06/2025

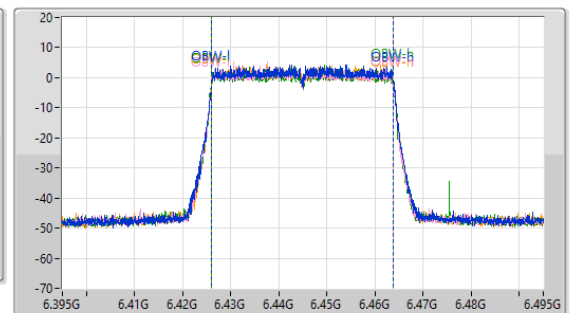
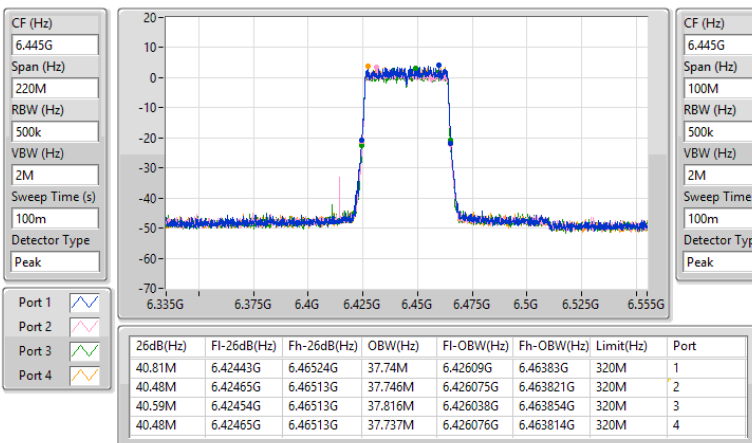


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6445MHz

27/06/2025

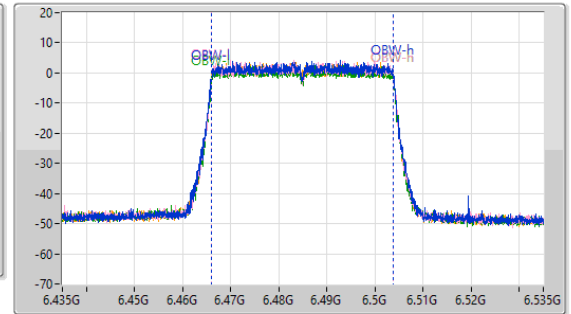
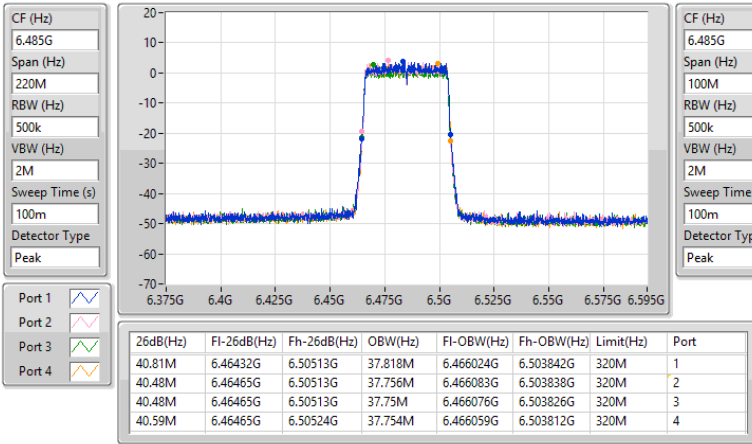


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6485MHz

27/06/2025

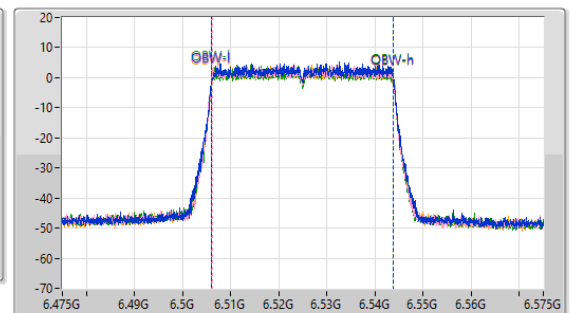
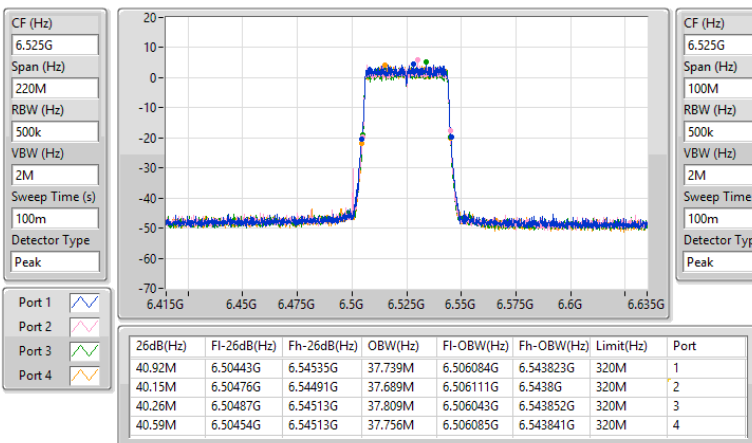


6.425-6.525GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6525MHz

27/06/2025

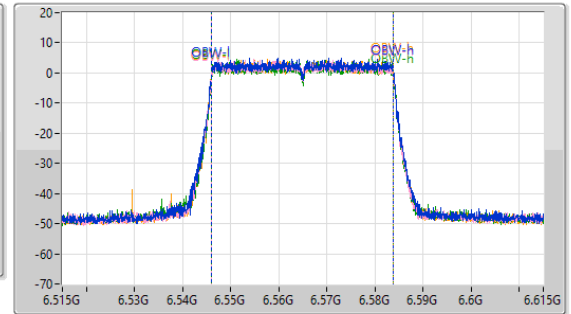
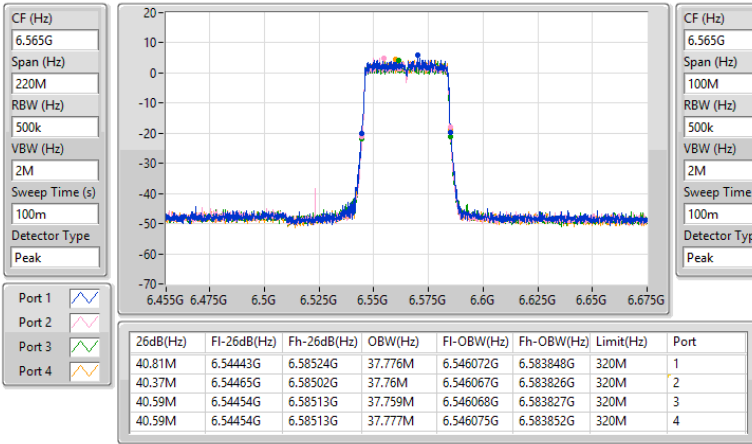


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6565MHz

27/06/2025

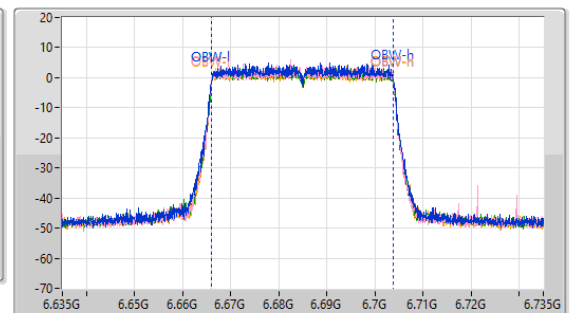
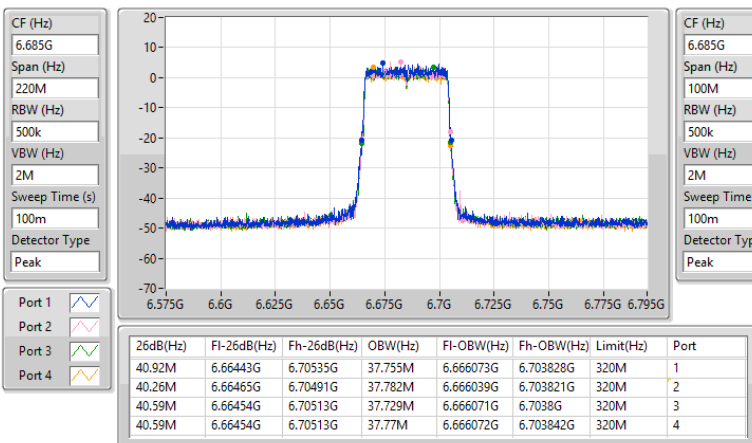


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

27/06/2025

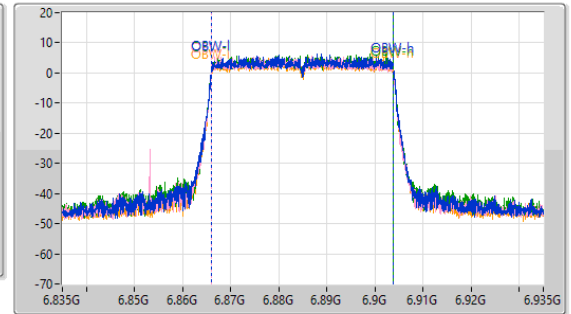
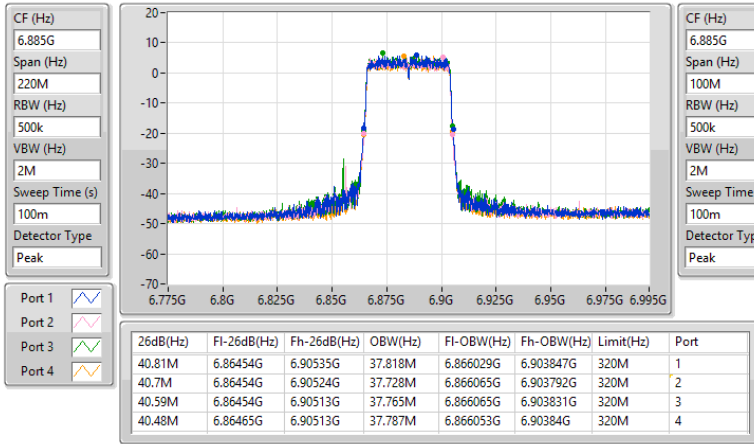


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6885MHz

27/06/2025

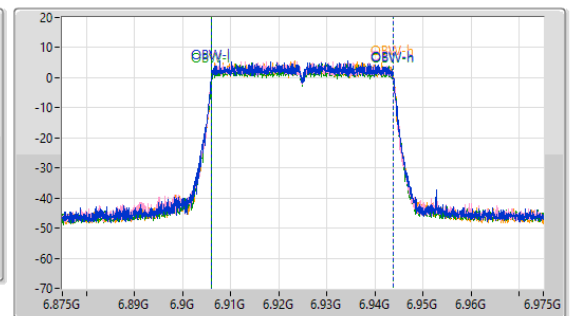
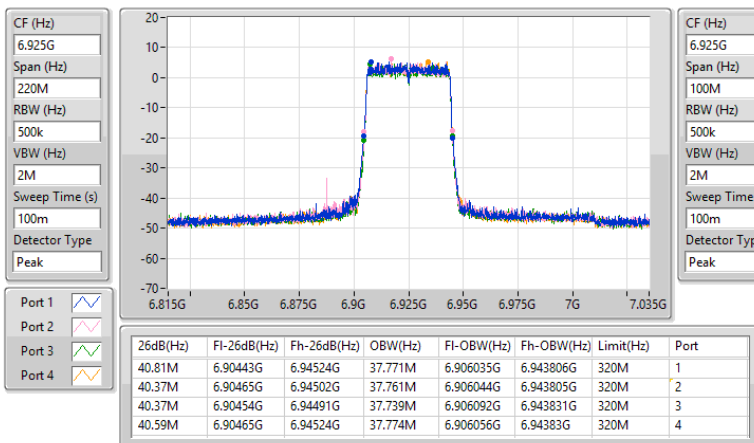


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6925MHz

27/06/2025

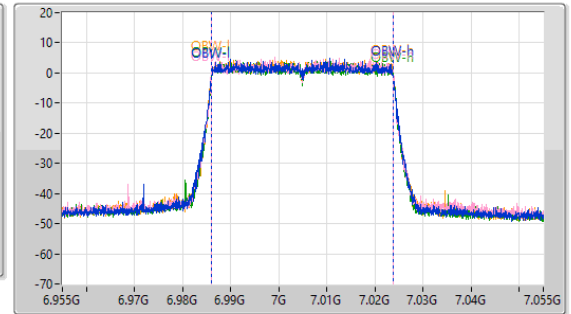
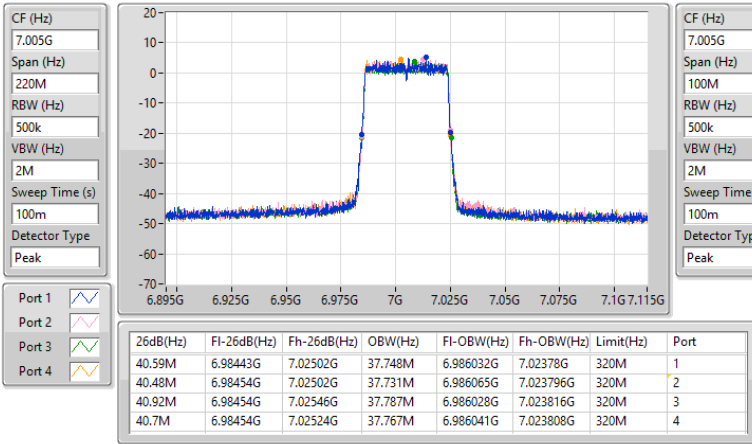


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7005MHz

27/06/2025

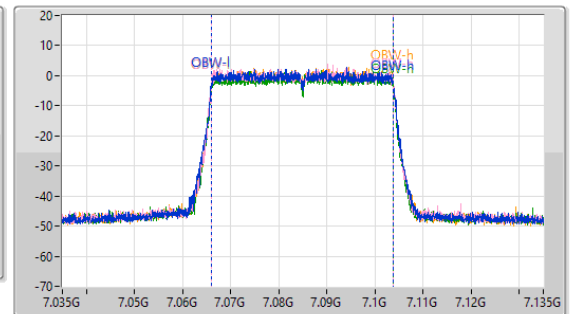
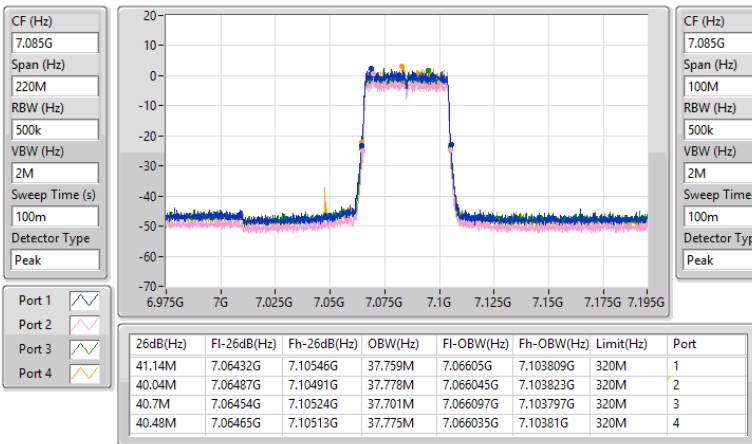


6.875-7.125GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

7085MHz

27/06/2025

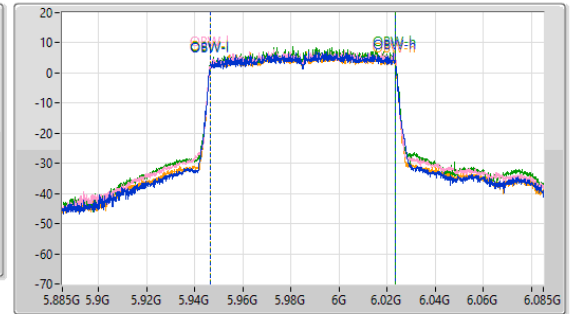
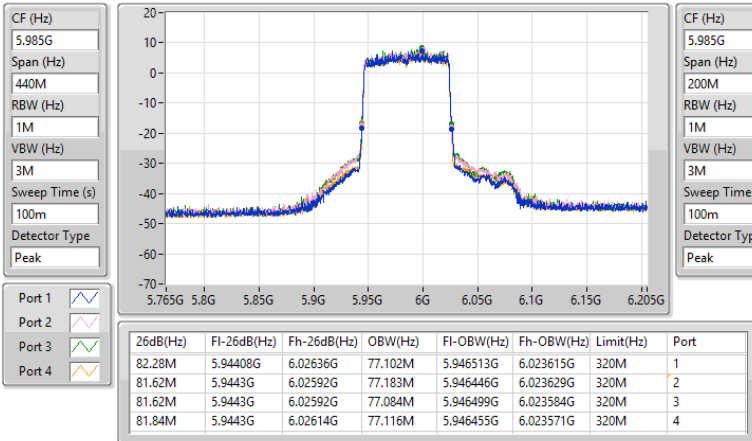


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5985MHz

27/06/2025

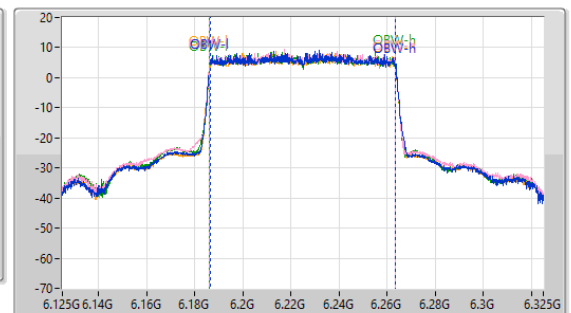
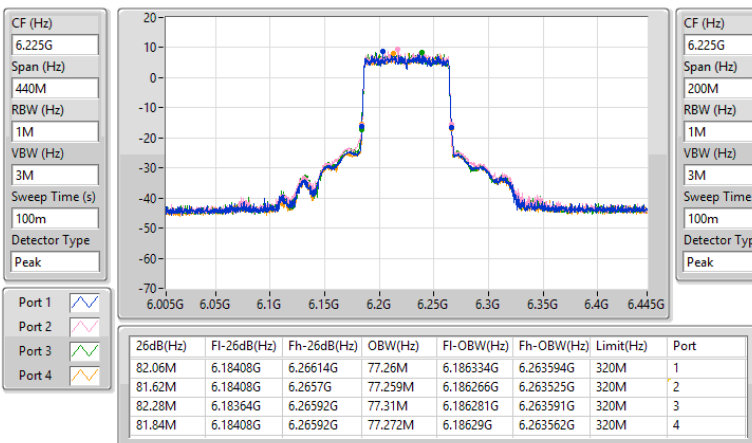


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6225MHz

27/06/2025

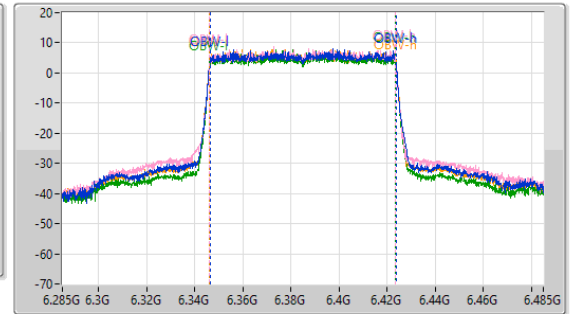
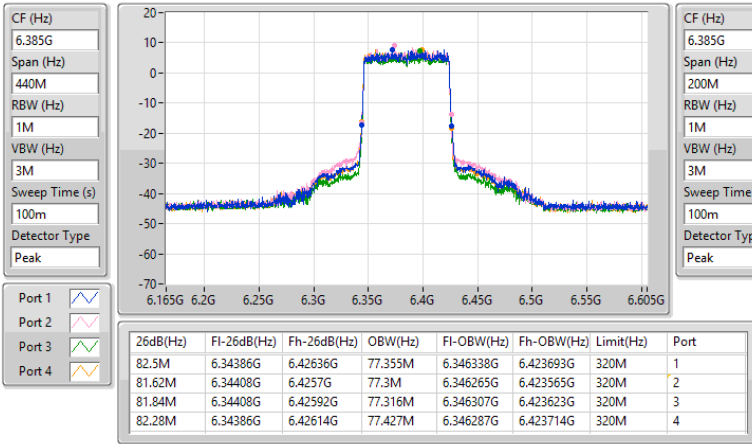


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6385MHz

27/06/2025

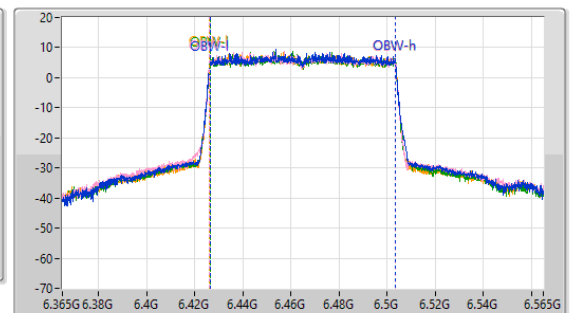
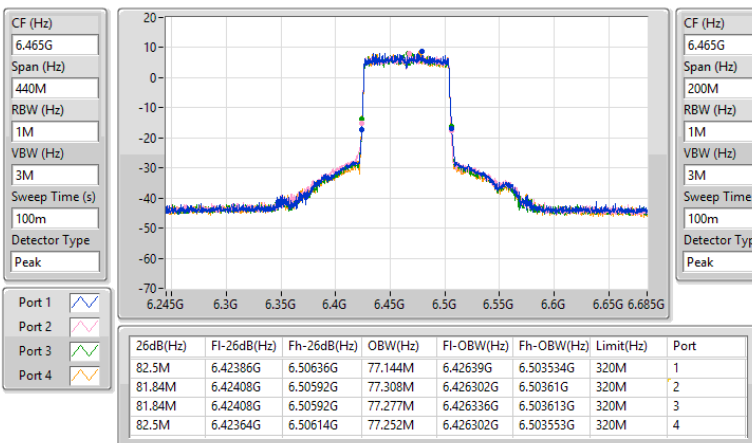


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6465MHz

27/06/2025

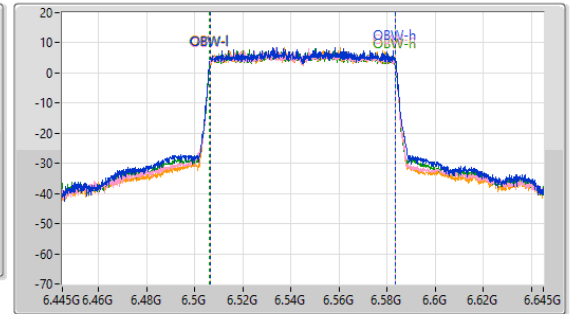
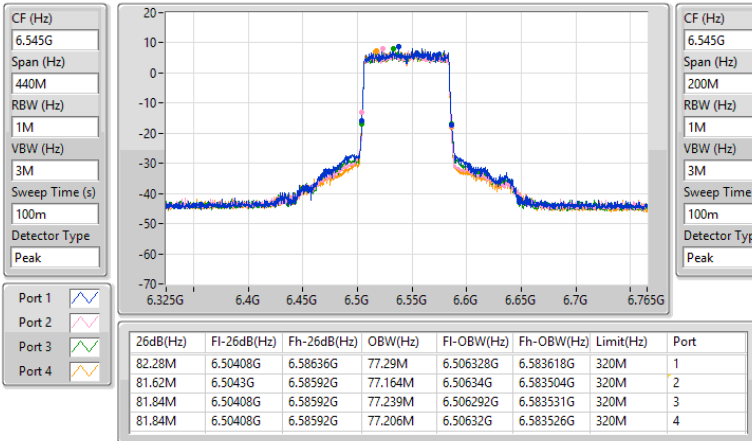


6.425-6.525GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6545MHz

27/06/2025

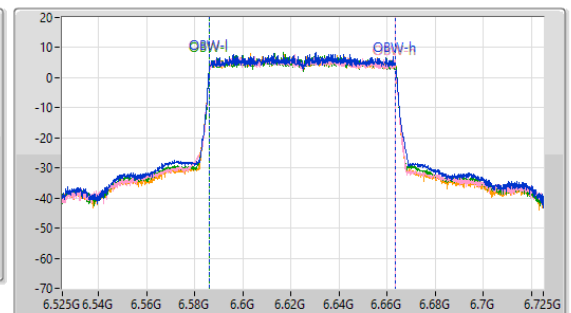
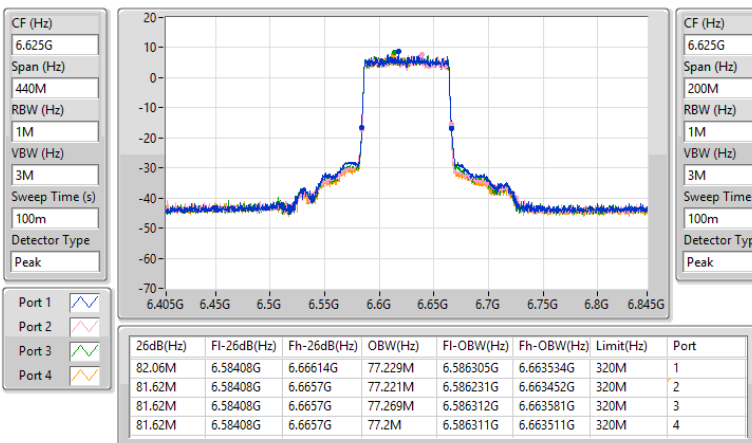


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

27/06/2025

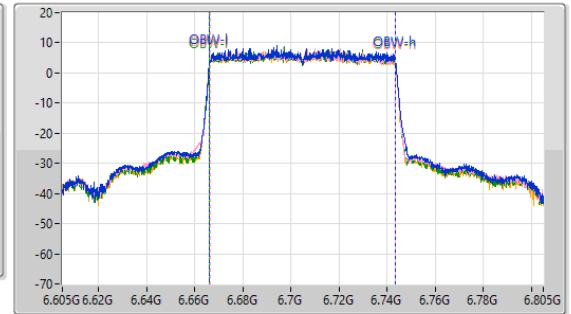
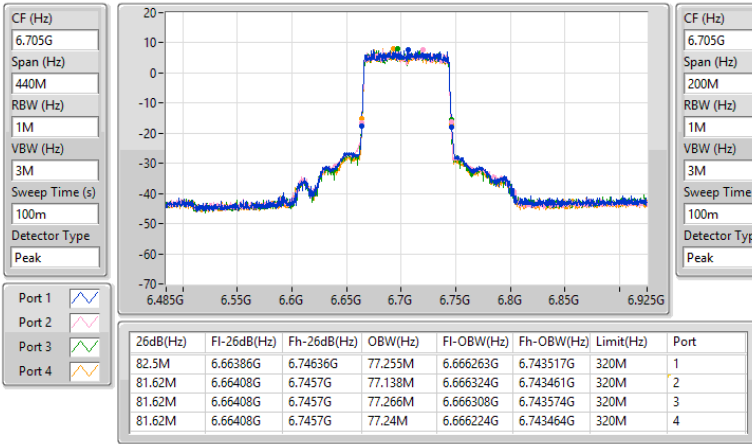


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

27/06/2025

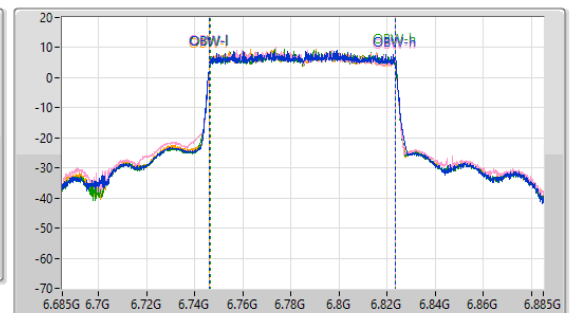
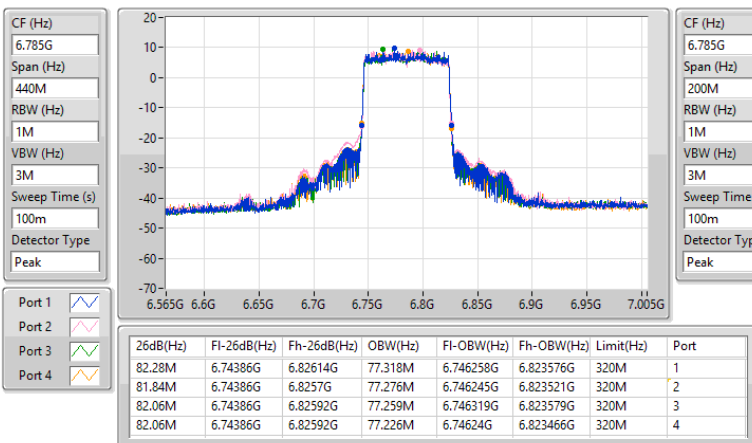


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

27/06/2025

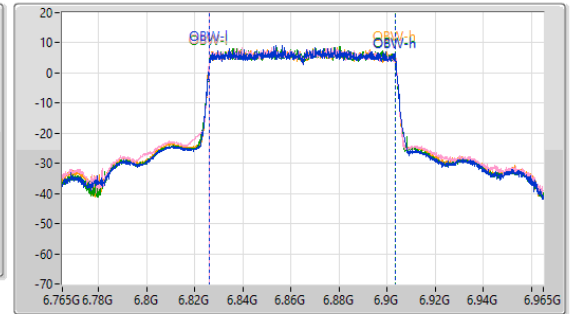
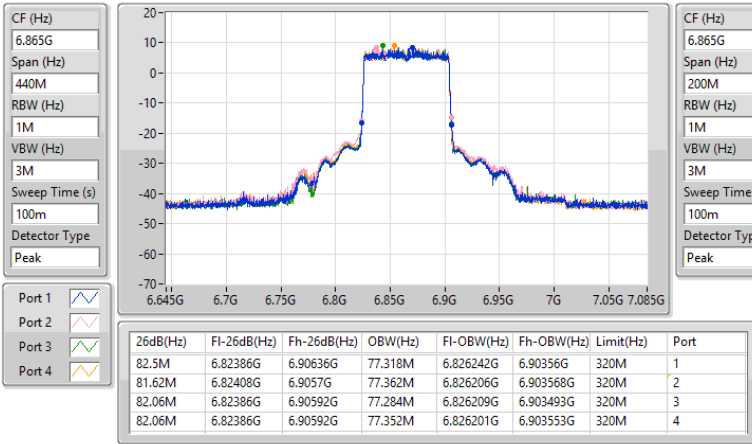


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6865MHz

27/06/2025



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

EBW

6945MHz

27/06/2025

