



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. 28, 2025, and testing was started from Jun. 28, 2025 and completed on Jul. 28, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

The test results in this variant 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

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.3	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.4	15.407(b)	Unwanted Emissions	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

For Indoor Access Point:

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	ax (HEW320), 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	802.11ax HEW320	320	4TX
5.925-7.125GHz	802.11ax HEW320-BF	320	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				CH7	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				CH15	CH207
996+484	1		484		996	–	V
	2	484			996	V	V
	3		996		484	V	V
	4		996	484		V	–
996+484+242	1		242	484	996	–	V
	2	242		484	996	V	V
	3		484	242	996	V	V
	4		484	242	996	V	V
	5		996		242	484	V
	6		996	242		484	V
	7		996		484	242	V
	8		996	484	242		–

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

**For Standard Power Access Point:**

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

For Radio 0

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	1, 2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW20-BF	20	2, 4TX/4RX
5.925-6.425GHz	802.11be EHT20	20	1, 2, 4TX/4RX
5.925-6.425GHz	802.11be EHT20-BF	20	2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW40	40	1, 2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW40-BF	40	2, 4TX/4RX
5.925-6.425GHz	802.11be EHT40	40	1, 2, 4TX/4RX
5.925-6.425GHz	802.11be EHT40-BF	40	2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW80	80	1, 2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW80-BF	80	2, 4TX/4RX
5.925-6.425GHz	802.11be EHT80	80	1, 2, 4TX/4RX
5.925-6.425GHz	802.11be EHT80-BF	80	2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW160	160	1, 2, 4TX/4RX
5.925-6.425GHz	802.11ax HEW160-BF	160	2, 4TX/4RX
5.925-6.425GHz	802.11be EHT160	160	1, 2, 4TX/4RX
5.925-6.425GHz	802.11be EHT160-BF	160	2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW20	20	1, 2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW20-BF	20	2, 4TX/4RX
6.525-6.875GHz	802.11be EHT20	20	1, 2, 4TX/4RX
6.525-6.875GHz	802.11be EHT20-BF	20	2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW40	40	1, 2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW40-BF	40	2, 4TX/4RX



Band	Mode	BWch (MHz)	Nant
6.525-6.875GHz	802.11be EHT40	40	1, 2, 4TX/4RX
6.525-6.875GHz	802.11be EHT40-BF	40	2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW80	80	1, 2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW80-BF	80	2, 4TX/4RX
6.525-6.875GHz	802.11be EHT80	80	1, 2, 4TX/4RX
6.525-6.875GHz	802.11be EHT80-BF	80	2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW160	160	1, 2, 4TX/4RX
6.525-6.875GHz	802.11ax HEW160-BF	160	2, 4TX/4RX
6.525-6.875GHz	802.11be EHT160	160	1, 2, 4TX/4RX
6.525-6.875GHz	802.11be EHT160-BF	160	2, 4TX/4RX
5.925-6.425GHz	be (EHT320)	320	1, 2, 4TX/4RX
5.925-6.425GHz	be (EHT320)-BF	320	2, 4TX/4RX

For Scanning Radio 3:

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	1TX
5.925-6.425GHz	802.11ax HEW40	40	1TX
5.925-6.425GHz	802.11ax HEW80	80	1TX
5.925-6.425GHz	802.11ax HEW160	160	1TX
6.525-6.875GHz	802.11ax HEW20	20	1TX
6.525-6.875GHz	802.11ax HEW40	40	1TX
6.525-6.875GHz	802.11ax HEW80	80	1TX
6.525-6.875GHz	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
484+242	1		242		484	–
	2	242			484	V
	3		484		242	V
	4		484	242		V

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

RU-tone	Configuration	Bandwidth [MHz]				6GHz Test CH
		320				UNII-5 CH31
2x996+484	1		484	996	996	–
	2	484		996	996	V
	3		996		484	V
	4		996	484		V
	5		996	996	484	V
	6		996	996	484	V
	7			484	996	–
	8		484		996	–
	9		996		484	–
	10		996	484		–
	11		996	996	484	–
	12		996	996	484	–
3x996	1			996	996	–
	2		996		996	V
	3		996	996		V
	4		996	996		V
3x996+484	1			484	996	–
	2	484		996	996	V
	3		996		484	V
	4		996	484		V
	5		996	996	484	V
	6		996	996	484	V
	7		996	996		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 Indoor Access Point:**

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 .

**For Standard Power Access Point:**

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

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		
	5.29		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
	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			
2T1S	3.21			
2T2S	3.15			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
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
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			
	6.52			
2T1S	6.52			
2T2S	6.52			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
	5.72	6.05	7.24	6.79
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
	8.76	9.31	8.26	8.09
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				WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)		

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 WiFi internal and external antennas do not operate at the same time.

Note 3: 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 4: 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 :

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

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

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

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

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

Where ;

Cross-Polarized Antenna

Radio 2

$$G1 = 8 \text{ dBi} ; G2 = 8 \text{ dBi} ; DG = 8 \text{ dBi}$$

Radio 1

$$5G \text{ UNII-1 } G1 = 10 \text{ dBi} ; G2 = 10 \text{ dBi} ; G3 = 10 \text{ dBi} ; G4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

$$5G \text{ UNII-2A } G1 = 10 \text{ dBi} ; G2 = 10 \text{ dBi} ; G3 = 10 \text{ dBi} ; G4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

$$5G \text{ UNII-2C } G1 = 10 \text{ dBi} ; G2 = 10 \text{ dBi} ; G3 = 10 \text{ dBi} ; G4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

$$5G \text{ UNII-3 } G1 = 10 \text{ dBi} ; G2 = 10 \text{ dBi} ; G3 = 10 \text{ dBi} ; G4 = 10 \text{ dBi} ; DG = 13.01 \text{ dBi}$$

**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****Mode 1: EUT 1: R3**

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

Mode 2: EUT 2: R0

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20	0.908	0.42	322.188u	10k
802.11be EHT40	0.907	0.42	304.375u	10k
802.11be EHT80	0.902	0.45	295u	10k
802.11be EHT160	0.901	0.45	290.938u	10k
802.11be EHT320	0.902	0.45	290.938u	10k
802.11be EHT20-BF	0.906	0.43	322.188u	10k
802.11be EHT40-BF	0.903	0.44	304.375u	10k
802.11be EHT80-BF	0.901	0.45	295u	10k
802.11be EHT160-BF	0.902	0.45	290.938u	10k
802.11be EHT320-BF	0.902	0.45	290.938u	10k

Mode 3: EUT 2: R0 (Multi_RU/Puncturing)

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.97	0.13	1m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.97	0.13	1m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.969	0.14	998.75u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.973	0.12	1m	1k
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

Mode 4: EUT 3_Internal Ant.: R0

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)	0.911	0.4	323.75u	10k
802.11be EHT40-BF_Nss 1,(M0)	0.906	0.43	306.25u	10k
802.11be EHT80-BF_Nss 1,(M0)	0.902	0.45	296.25u	10k
802.11be EHT160-BF_Nss 1,(M0)	0.904	0.44	292.5u	10k
802.11be EHT320-BF_Nss 1,(M0)	0.844	0.74	162.5u	10k

**Mode 5: EUT 3_Internal Ant.: R3**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss 1,(M0)	0.905	0.43	322.031u	5k
802.11ax HEW40_Nss 1,(M0)	0.903	0.44	304.219u	5k
802.11ax HEW80_Nss 1,(M0)	0.901	0.45	296.25u	5k
802.11ax HEW160_Nss 1,(M0)	0.894	0.49	286.719u	5k

Mode 6: EUT 3_Internal Ant.: R0 (Multi_RU/Puncturing)

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.969	0.14	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.971	0.13	999.375u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996	0.971	0.13	999.375u	2k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	999.375u	2k

Mode 7: EUT 3_External Ant.: R0

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.906	0.43	305u	5k
802.11be EHT80_Nss 1,(M0)	0.904	0.44	295.625u	5k
802.11be EHT160_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT320_Nss 1,(M0)	0.903	0.44	291.25u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.906	0.43	305u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.904	0.44	295.625u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT320-BF_Nss 1,(M0)	0.903	0.44	291.25u	5k

Mode 8: EUT 3_External Ant.: R3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss 1,(M0)	0.905	0.43	323.594u	5k
802.11ax HEW40_Nss 1,(M0)	0.904	0.44	309.844u	5k
802.11ax HEW80_Nss 1,(M0)	0.894	0.49	296.25u	5k
802.11ax HEW160_Nss 1,(M0)	0.901	0.45	286.719u	5k

**Mode 9: EUT 3_External Ant.: R0 (Multi_RU/Puncturing)**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.969	0.14	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	0.969	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			

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 above information was declared by manufacturer.

Note 3:

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

Note 4: The worst case was selected from EUT 1 and EUT 2 for testing.

Note 5:

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 6:

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:

Radio \ Function	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.

1.1.8 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR561106AC.

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

Modifications	Performance Checking
Adding the Standard Power Access Point for UNII-5, 7.	1. Emission Bandwidth 2. Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) 3. Peak Power Spectral Density (E.I.R.P.) 4. Unwanted Emissions above 1GHz



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

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)	TH02-CB	Gino Huang	21.3~22.5 / 58~61	Jul. 02, 2025~ Dec. 16, 2025
RF Conducted (EUT 2)	TH02-CB	Gino Huang	21.3~22.5 / 58~61	Dec. 16, 2025~ Jul. 24, 2026
RF Conducted (EUT 3: External Ant.)	TH02-CB	Ken Yeh	21.3~22.5 / 58~61	Dec. 20, 2025~ Jul. 28, 2026
RF Conducted (EUT 3: Internal Ant.)	TH03-CB	Gino Huang	21.3~22.5 / 58~61	Dec. 20, 2025~ Jul. 24, 2026
Radiated above 1GHz (EUT 1)	03CH03-CB 03CH05-CB	George Fan Lex Lee	24.5~24.9 / 58~62 23.7~24.4 / 59~68	Jun. 28, 2025~ Dec. 17, 2025
Radiated above 1GHz (EUT 2)	03CH01-CB 03CH02-CB 03CH04-CB	Sean Ku Paul Hu Stim Sung	23.8~24.7 / 59~66 24.8~24.9 / 61~66 23.7~24.3 / 55~58	Dec. 17, 2025~ Jul. 21, 2026
Radiated above 1GHz (EUT 3: External Ant.:R0(Multi_RU/Puncturing))	03CH06-CB	Jimmy Huang	24.1~24.2 / 62~69	Jul. 14, 2025~ Jul. 27, 2026
Radiated above 1GHz (EUT 3: External Ant.:R3)	03CH04-CB	Stim Sung	24.5~24.6 / 60~67	Jul. 14, 2025~ Jul. 27, 2026
Radiated above 1GHz (EUT 3: External Ant.:R0)	03CH04-CB	Stim Sung	24.0~24.2 / 55~57	Jul. 14, 2025~ Jul. 27, 2026
Radiated above 1GHz (EUT 3: Internal Ant.:R0(Multi_RU/Puncturing))	03CH02-CB 03CH04-CB	Paul Hu Stim Sung	23.6~23.8 / 63~69 23.7~24.0 / 61~64	Jul. 14, 2025~ Jul. 27, 2026
Radiated above 1GHz (EUT 3: Internal Ant.:R3)	03CH06-CB	Jimmy Huang	24.4~24.6 / 55~67	Jul. 14, 2025~ Jul. 27, 2026
Radiated above 1GHz (EUT 3: Internal Ant.:R0)	03CH01-CB	Sean Ku	24.6~24.7 / 56~68	Jul. 14, 2025~ Jul. 27, 2026



1.4 Measurement Uncertainty

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

Test Date: Before May 28, 2026

Test Items	Uncertainty	Remark
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%

Test Date: After May 27, 2026

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.5 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.3 dB	Confidence levels of 95%
Conducted Emission	3.8 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	3.5 dB	Confidence levels of 95%
Bandwidth Measurement	1.6 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode 1: EUT 1: R3

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11ax HEW160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6665MHz

**Mode 2: EUT 2: R0**

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz



6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz

Mode 3: EUT 2: R0 (Multi_RU/Puncturing)

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
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 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

**Mode 4: EUT 3 Internal Ant.: R0**

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz



6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz

Mode 5: EUT 3_Internal Ant.: R3

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11ax HEW160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6665MHz

**Mode 6: EUT 3 Internal Ant.: R0 (Multi_RU/Puncturing)**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5985MHz
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 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

Mode 7: EUT 3 External Ant.: R0

Mode
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz



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

Mode 8: EUT 3_External Ant.: R3

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6625MHz



6705MHz
6785MHz
802.11ax HEW160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6665MHz

Mode 9: EUT 3_External Ant.: R0 (Multi_RU/Puncturing)

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

Note:

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	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
5	EUT 3_External Ant.: R0
6	EUT 3_External Ant.: R3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)
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	EUT 3_External Ant.: R0
6	EUT 3_External Ant.: R3

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 2: R0
3	EUT 2: R0 (Multi_RU/Puncturing)
4	EUT 3_Internal Ant.: R0
5	EUT 3_Internal Ant.: R3
6	EUT 3_Internal Ant.: R0 (Multi_RU/Puncturing)
7	EUT 3_External Ant.: R0
8	EUT 3_External Ant.: R3
9	EUT 3_External Ant.: R0 (Multi_RU/Puncturing)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
After evaluating, 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 2 in Y axis: R0 (Multi_RU/Puncturing)
4	EUT 3 in Y axis_Internal Ant.: R0
5	EUT 3 in Z axis_Internal Ant.: R3
6	EUT 3 in Y axis_Internal Ant.: R0 (Multi_RU/Puncturing)
7	EUT 3 in Y axis_External Ant.: R0
8	EUT 3 in Y axis_External Ant.: R3
9	EUT 3 in Y axis_External Ant.: R0 (Multi_RU/Puncturing)

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 2: R0 (Multi_RU/Puncturing)
4	EUT 3_Internal Ant.: R0
5	EUT 3_Internal Ant.: R3
6	EUT 3_Internal Ant.: R0 (Multi_RU/Puncturing)
7	EUT 3_External Ant.: R0
8	EUT 3_External Ant.: R3
9	EUT 3_External Ant.: R0 (Multi_RU/Puncturing)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
For Indoor Access Point:	
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



For Standard Power Access Point	
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.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN2.4GHz+R4 Bluetooth
17	EUT 3 (External Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN5GHz+R4 Bluetooth
18	EUT 3 (External Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN6GHz+R4 Bluetooth
19	EUT 3 (External Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN2.4GHz+R4 802.15.4
20	EUT 3 (External Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN5GHz+R4 802.15.4
21	EUT 3 (External Ant.): R0 WLAN 6GHz+R1 WLAN 5GHz+R2 WLAN 2.4GHz+R3 WLAN6GHz+R4 802.15.4



Refer to Sporton Test Report No.: FA561106-01 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

The EUT was programmed to be in continuously transmitting mode.

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

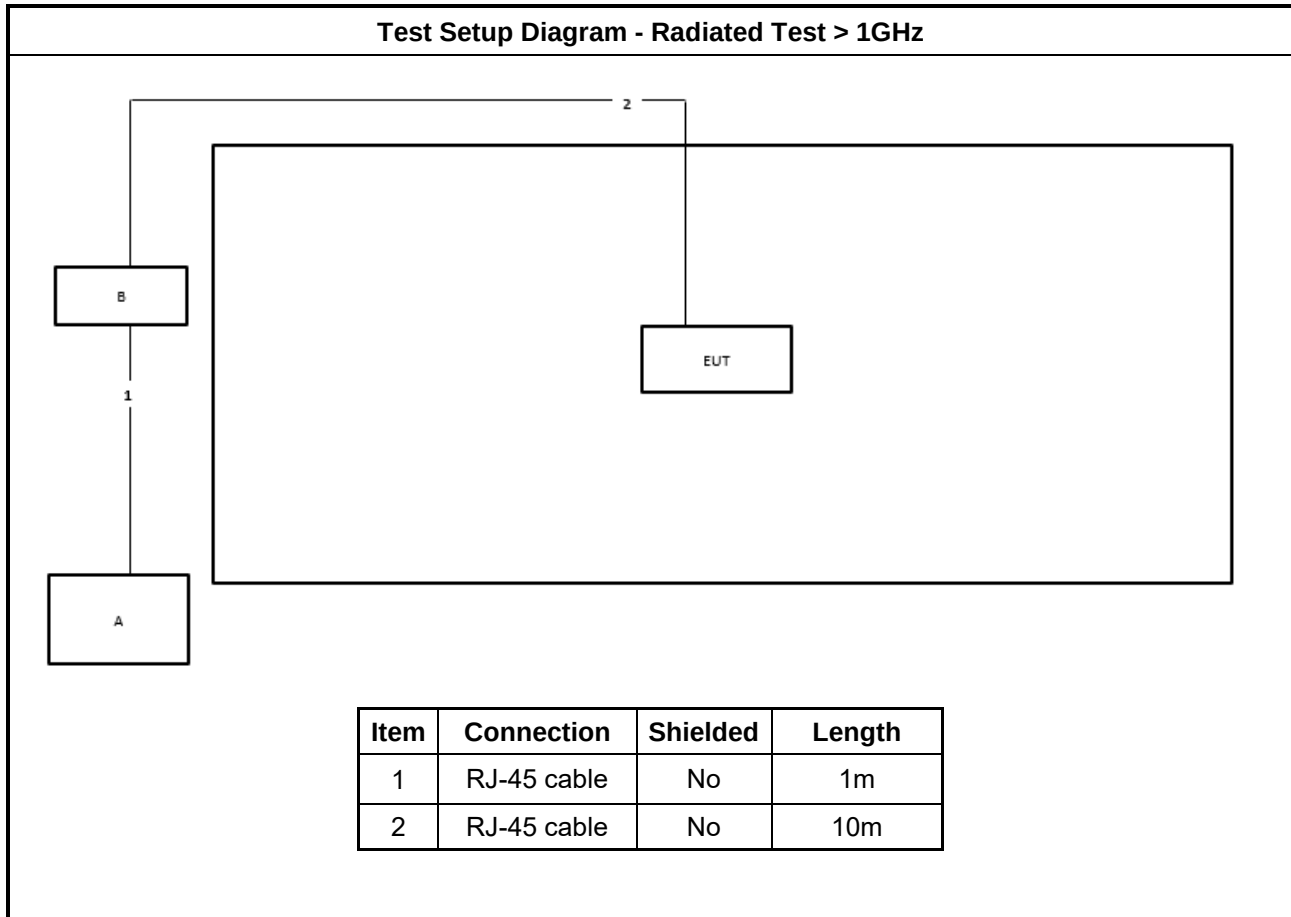
For Radiated (above 1GHz):

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

2.6 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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

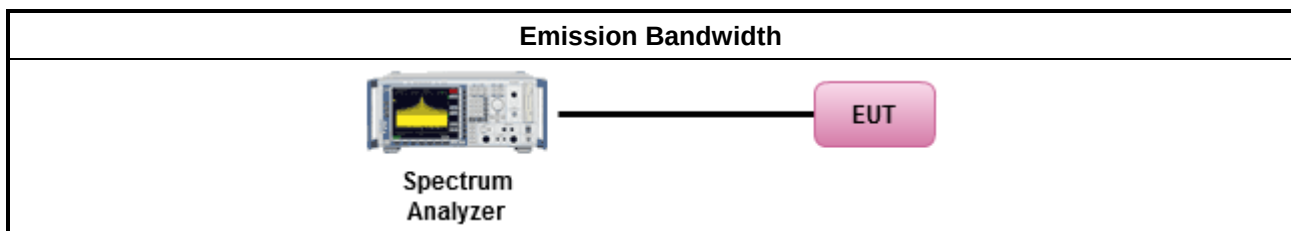
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup





3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

Note:

The 99% OBW of BW320 should be less than 320 MHz of limit, and the other BWs less than 320 MHz of limit are 26 dB EBW.



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

3.2.1 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.

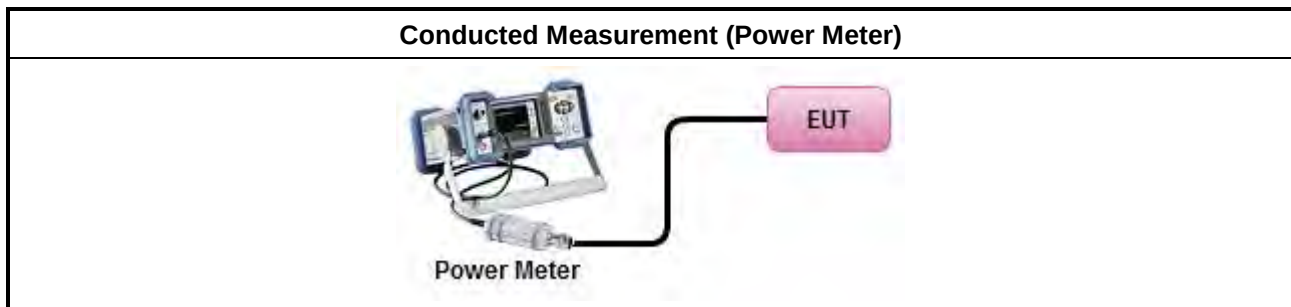
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



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

Refer as Appendix B



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

3.3.1 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.

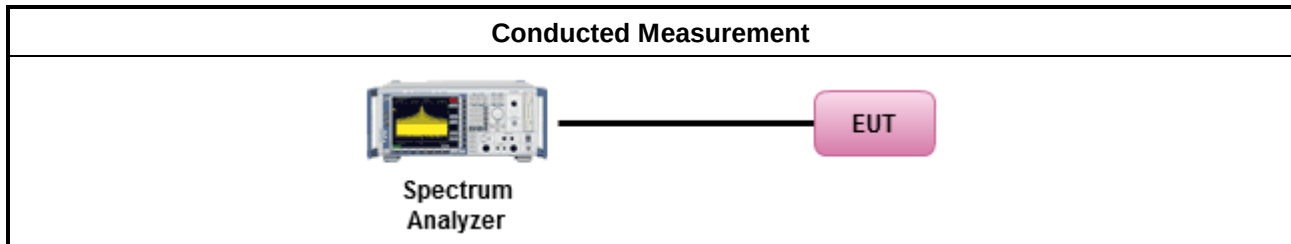
3.3.2 Measuring Instruments

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.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.
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐	For radiated measurement.
- Refer as 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



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

Refer as Appendix C



3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

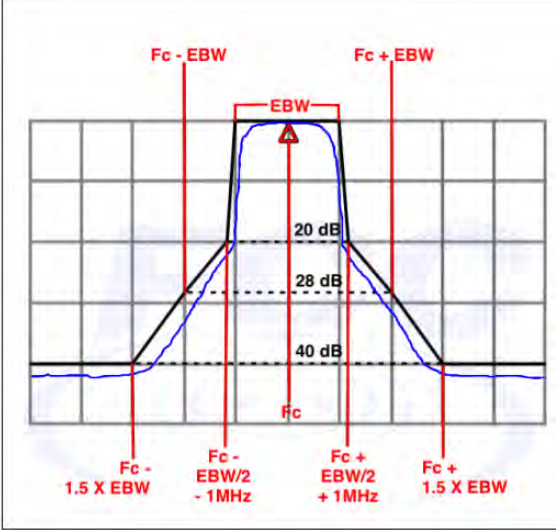
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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



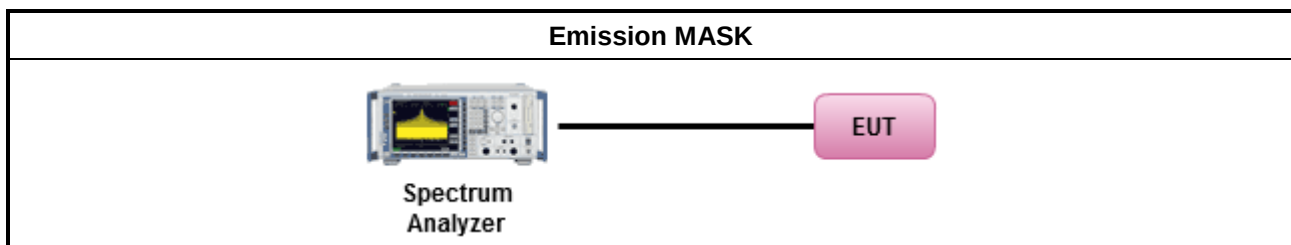
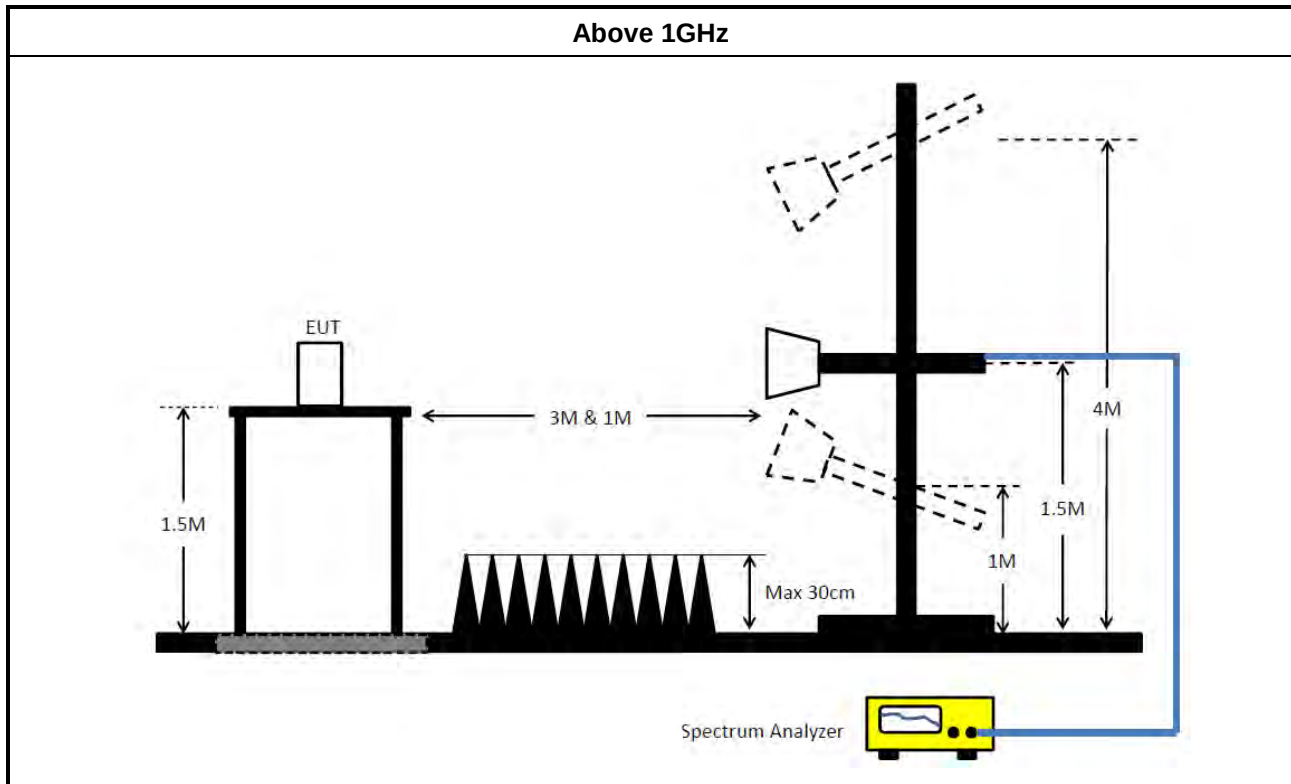
3.4.2 Measuring Instruments

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 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.	

3.4.4 Test Setup



3.4.5 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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 02, 2026	May 01, 2027	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18 GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170586	15GHz ~ 40GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH01-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH01-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 15, 2026	May 14, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Jan. 26, 2026	Jan. 25, 2027	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 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)
3m Semi Anechoic Chamber (NSA)	RIKEN	SAC-3M	03CH02-CB	30 MHz ~ 1 GHz	Mar. 22 2026	Mar. 21, 2027	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)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	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	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101320	9kHz ~ 44GHz	Aug. 07, 2025	Aug. 06, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 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	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)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170586	15GHz ~ 40GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH03-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH03-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	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)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	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-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH03-CB)
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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 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 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170586	15GHz ~ 40GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	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	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	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)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 11, 2025	Mar. 10, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 29, 2026	Jul. 28, 2027	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 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)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 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)
Signal Analyzer	R&S	FSV3044	101321	9kHz ~ 44GHz	Jul. 01, 2025	Jun. 30, 2026	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 29, 2025	Aug. 28, 2026	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 29, 2025	Aug. 28, 2026	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-01	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	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	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
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-03	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	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-04	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	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	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Sep. 20, 2025	Sep. 19, 2026	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	101028	9kHz~40GHz	Jan. 02, 2025	Jan. 01, 2026	Conducted (TH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 14, 2026	Jan. 13, 2027	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 25	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.

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	57.53M	38.064M	38M1D1D	45.32M	19.516M
802.11ax HEW40_Nss1,(MCS0)_1TX	119.9M	74.534M	74M5D1D	54.67M	37.987M
802.11ax HEW80_Nss1,(MCS0)_1TX	238.48M	148.77M	149MD1D	97.24M	77.632M
802.11ax HEW160_Nss1,(MCS0)_1TX	310.64M	158.523M	159MD1D	176.44M	156.899M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	68.42M	39.545M	39M5D1D	45.485M	19.784M
802.11ax HEW40_Nss1,(MCS0)_1TX	121.55M	76.986M	77M0D1D	99.11M	58.454M
802.11ax HEW80_Nss1,(MCS0)_1TX	286.66M	157.189M	157MD1D	271.48M	155.156M
802.11ax HEW160_Nss1,(MCS0)_1TX	297.88M	158.448M	158MD1D	297.88M	158.448M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

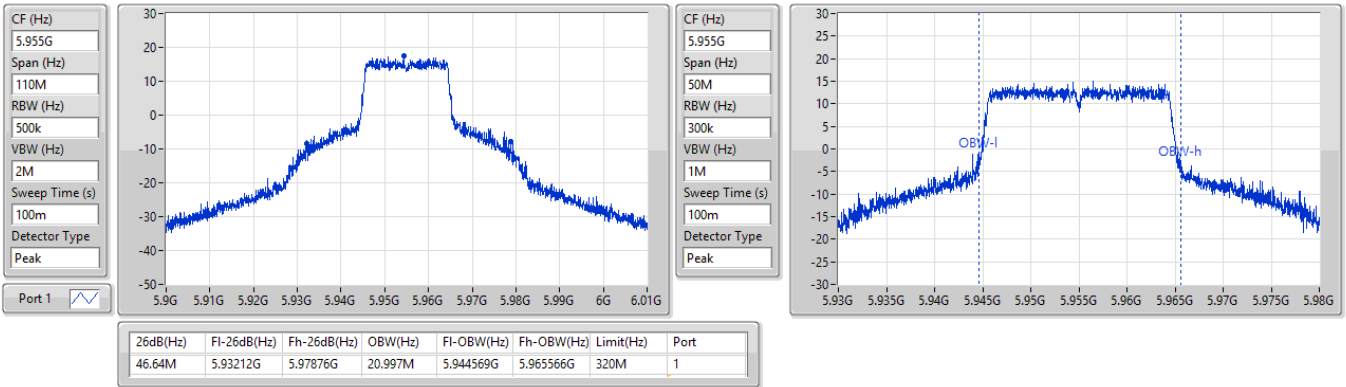
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	320M	46.64M	20.997M
6195MHz	Pass	320M	57.53M	38.064M
6415MHz	Pass	320M	45.32M	19.516M
6535MHz	Pass	320M	45.485M	19.784M
6695MHz	Pass	320M	63.36M	39.064M
6855MHz	Pass	320M	68.42M	39.545M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	320M	54.67M	37.987M
6205MHz	Pass	320M	119.9M	74.534M
6405MHz	Pass	320M	89.65M	38.835M
6565MHz	Pass	320M	120.12M	76.986M
6685MHz	Pass	320M	121.55M	76.566M
6845MHz	Pass	320M	99.11M	58.454M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	320M	97.24M	77.632M
6225MHz	Pass	320M	238.48M	148.77M
6385MHz	Pass	320M	181.5M	79.173M
6625MHz	Pass	320M	272.36M	155.156M
6705MHz	Pass	320M	271.48M	157.189M
6785MHz	Pass	320M	286.66M	156.376M
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
6665MHz	Pass	320M	297.88M	158.448M

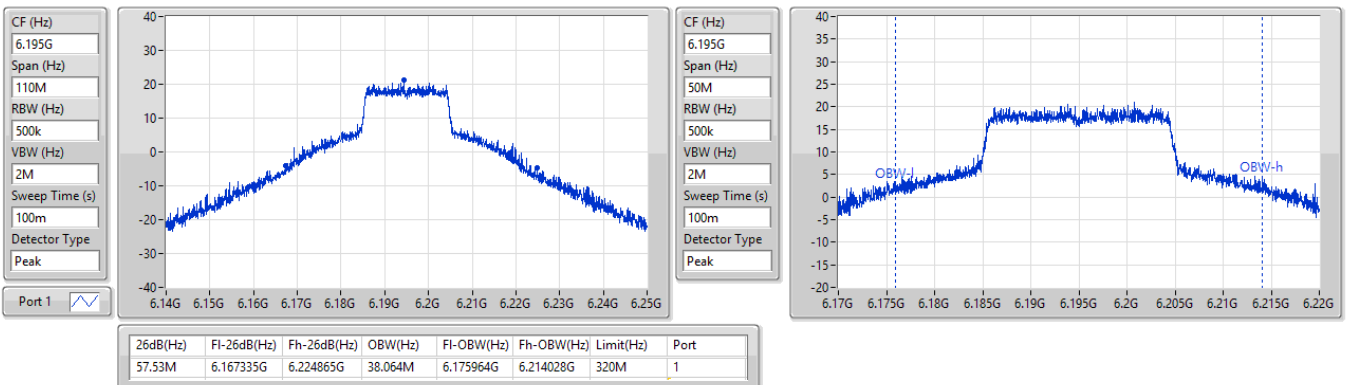
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

16/12/2025

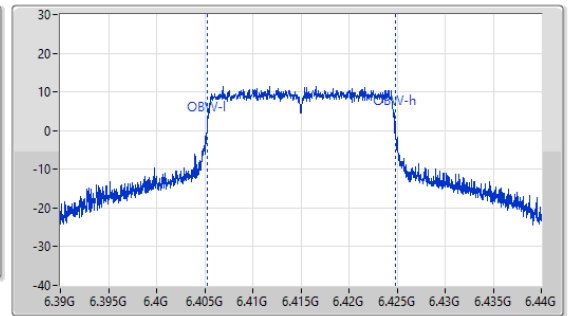
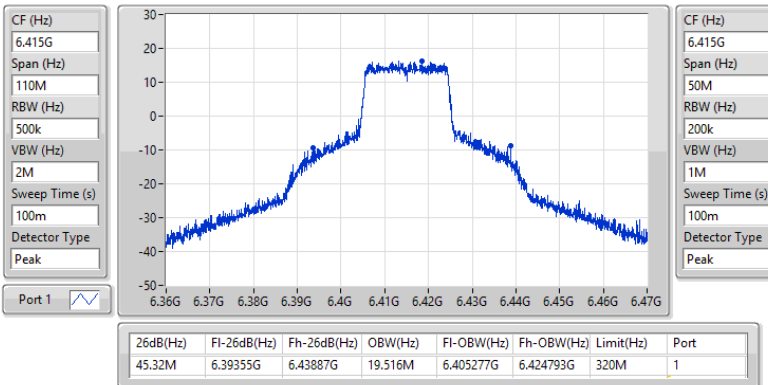

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

15/12/2025

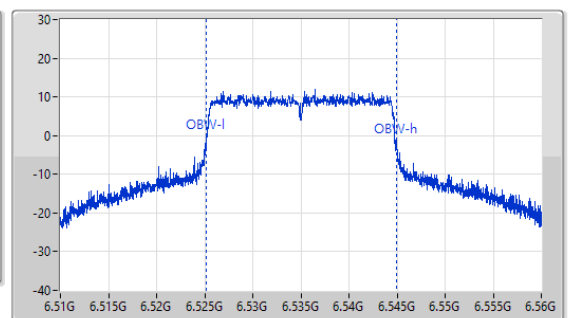
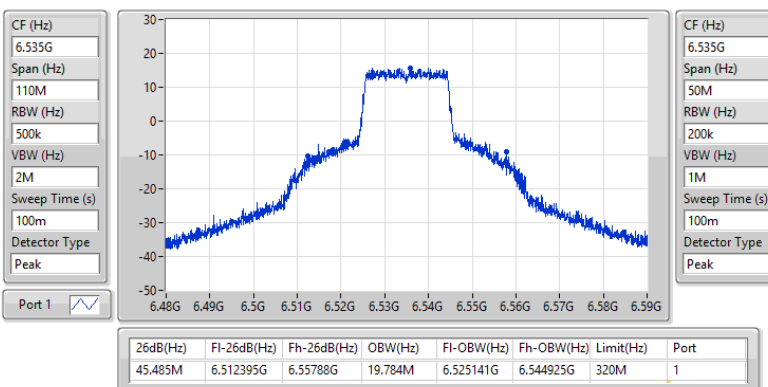


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

16/12/2025

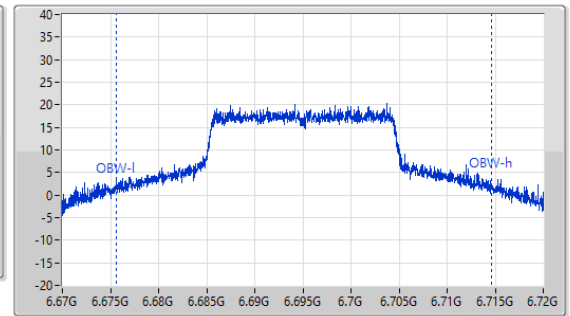
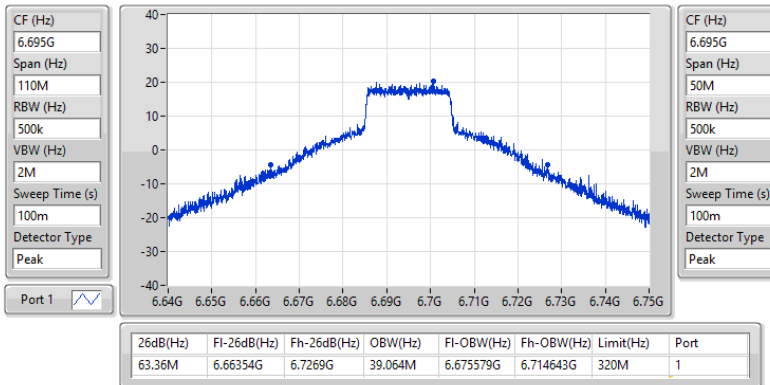

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

16/12/2025

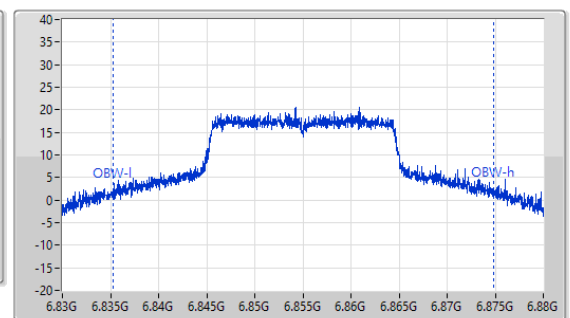
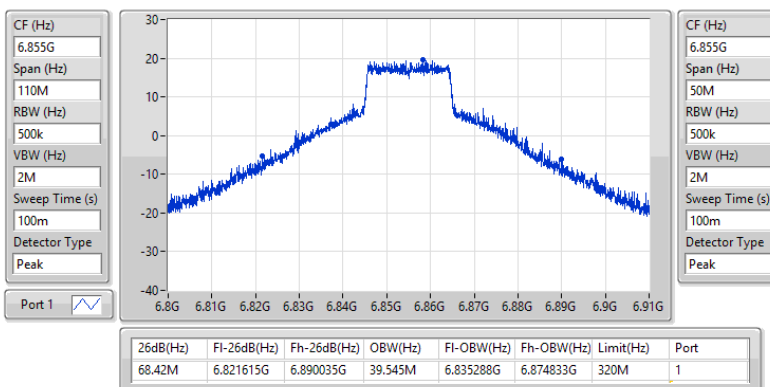


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6695MHz

15/12/2025

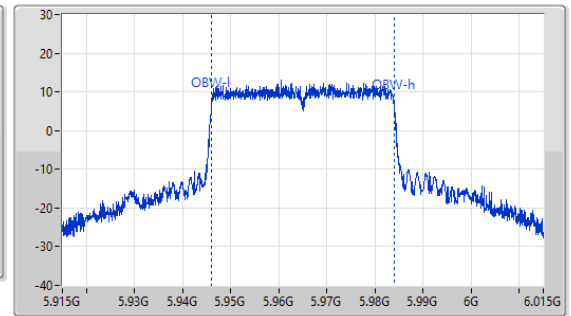
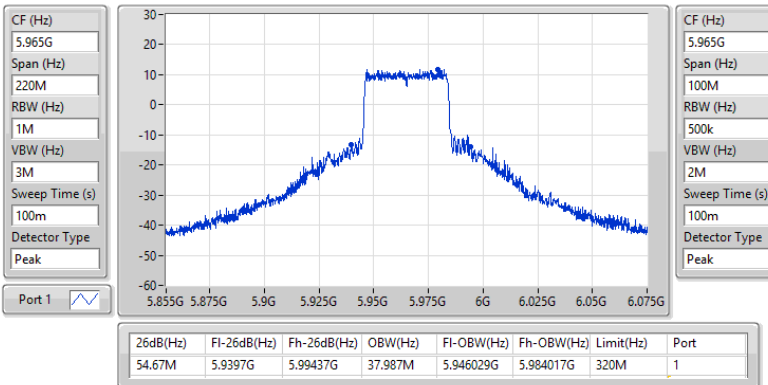

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6855MHz

15/12/2025

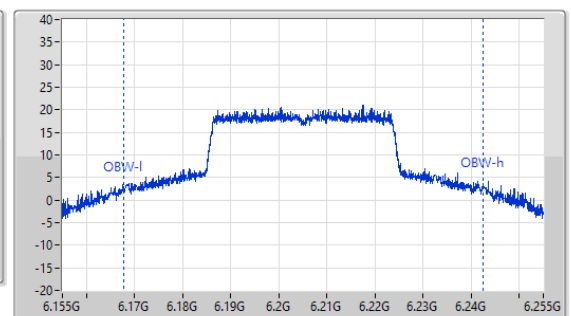
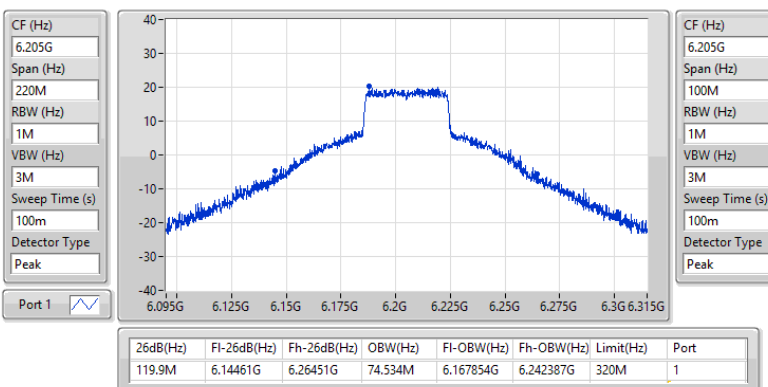


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5965MHz

16/12/2025

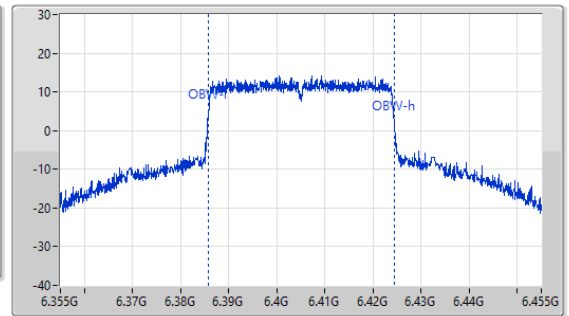
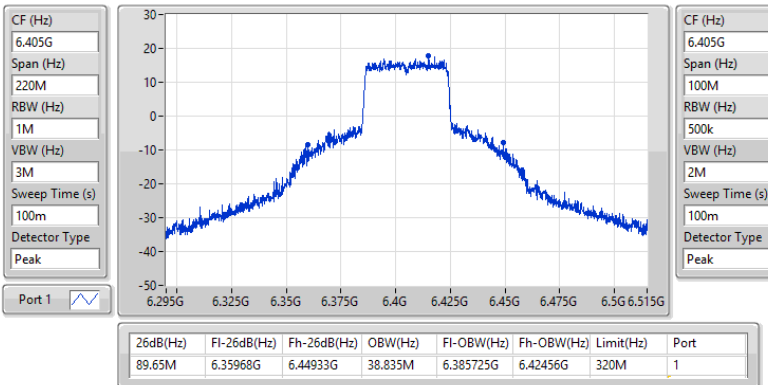

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6205MHz

15/12/2025

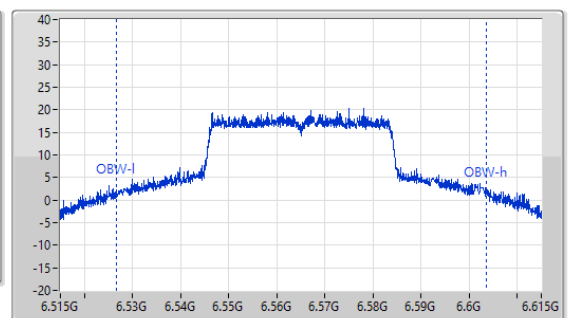
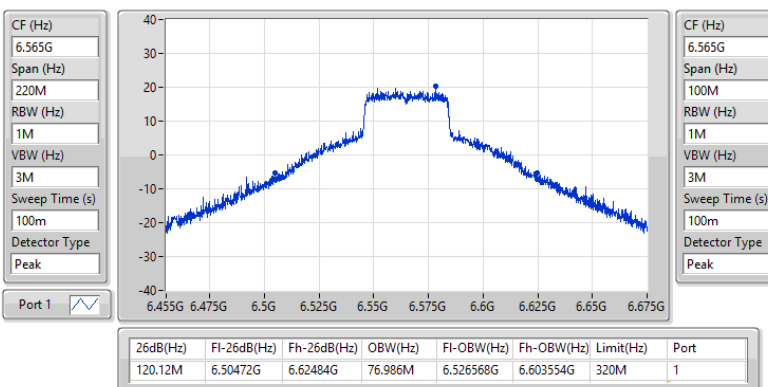


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6405MHz

16/12/2025

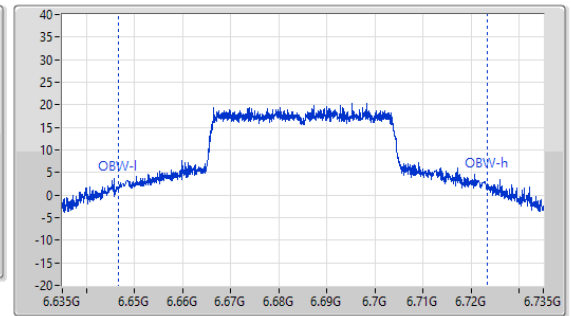
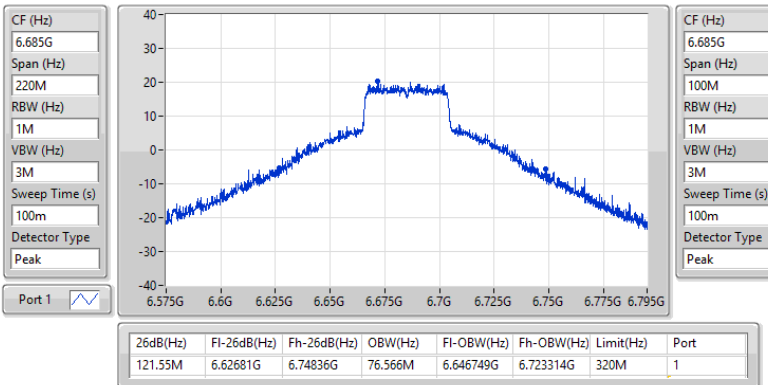

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6565MHz

15/12/2025

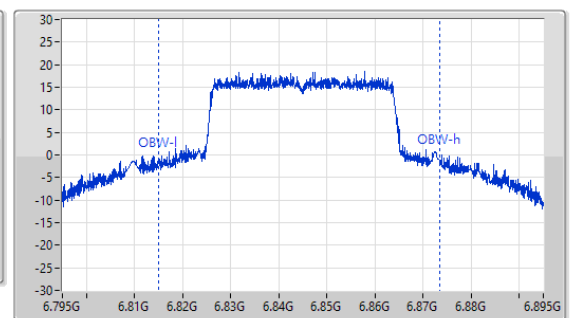
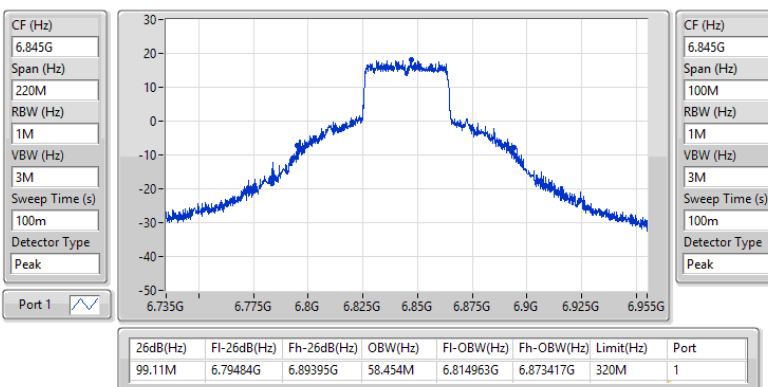


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

15/12/2025

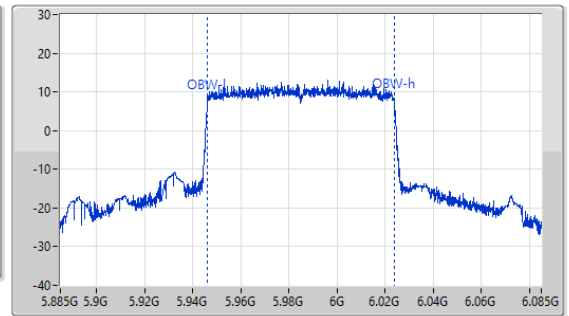
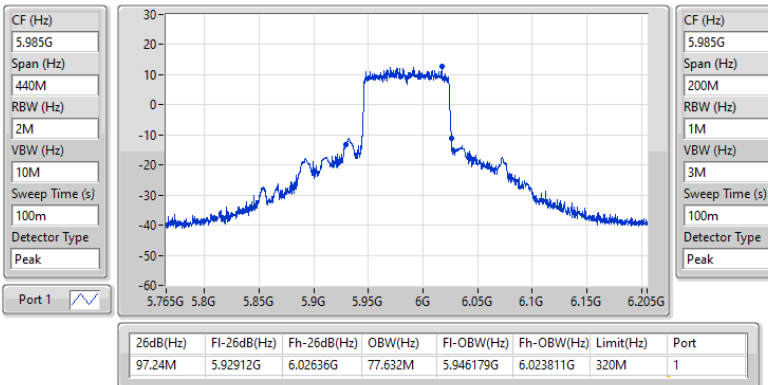

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6845MHz

15/12/2025

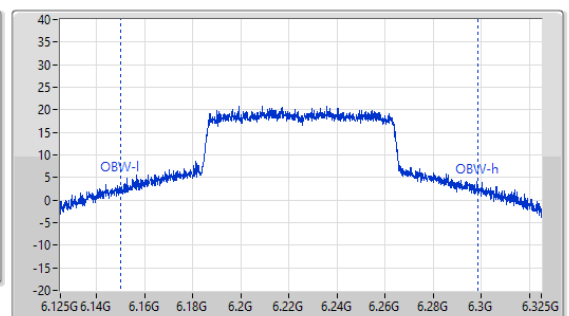
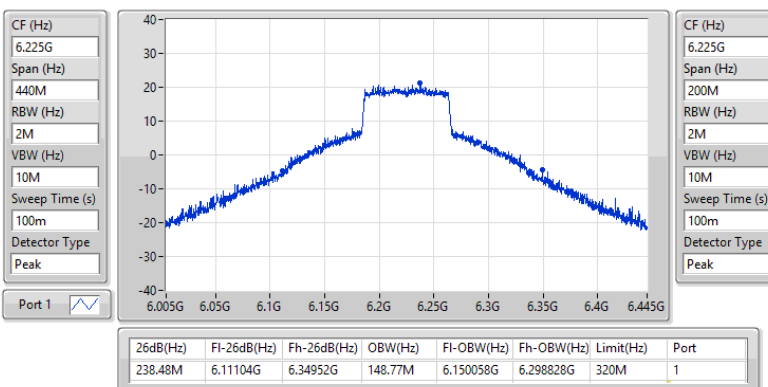


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5985MHz

02/07/2025

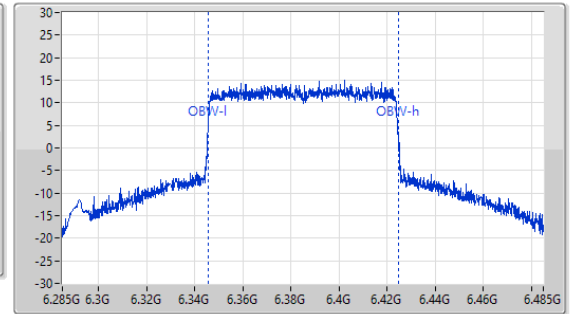
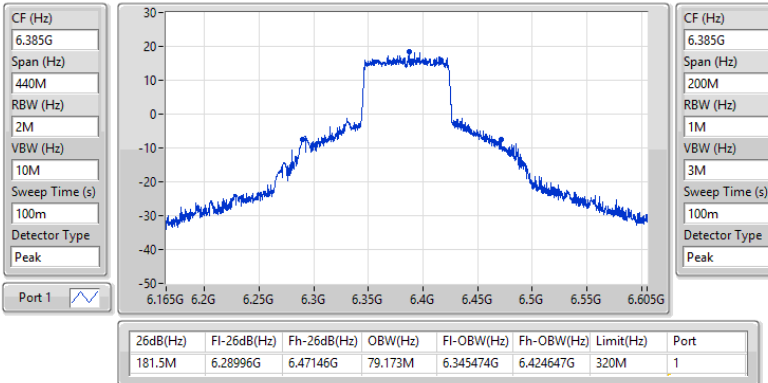

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6225MHz

15/12/2025

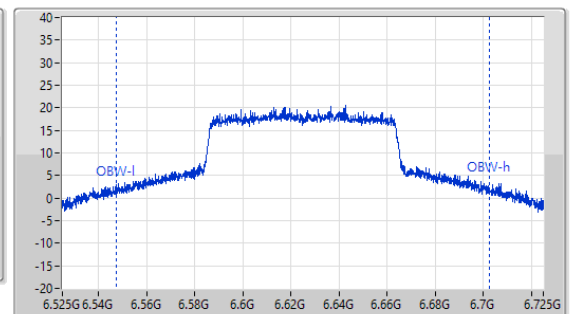
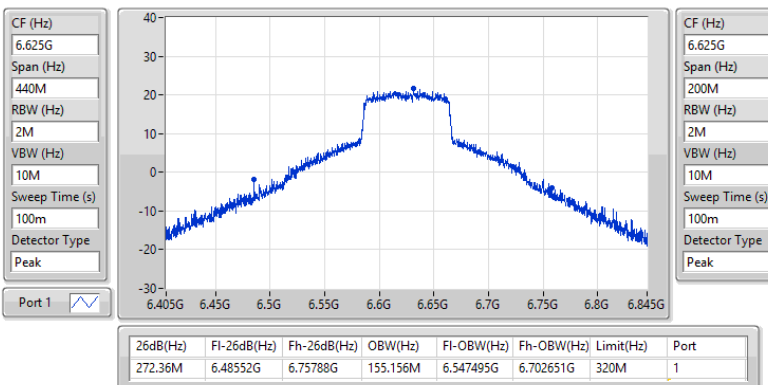


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6385MHz

16/12/2025

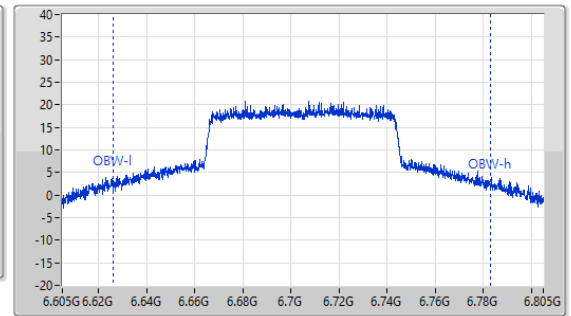
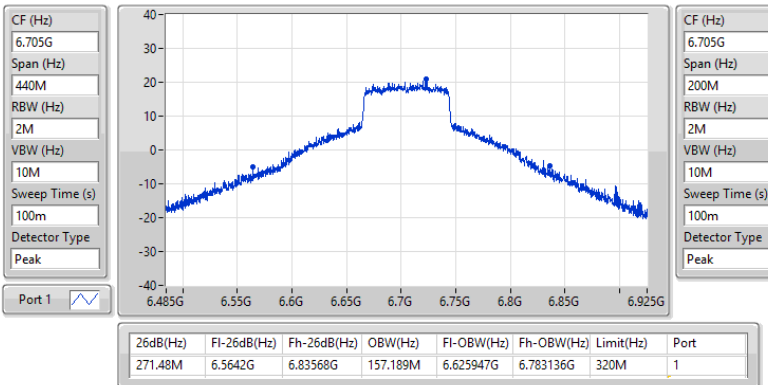

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6625MHz

15/12/2025

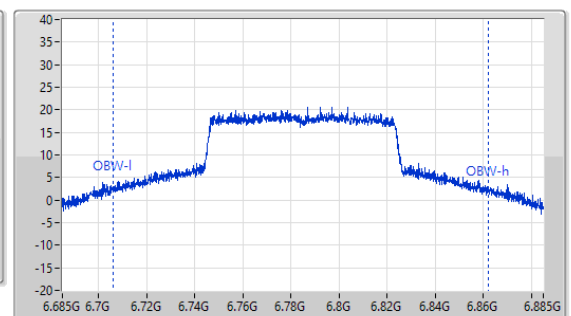
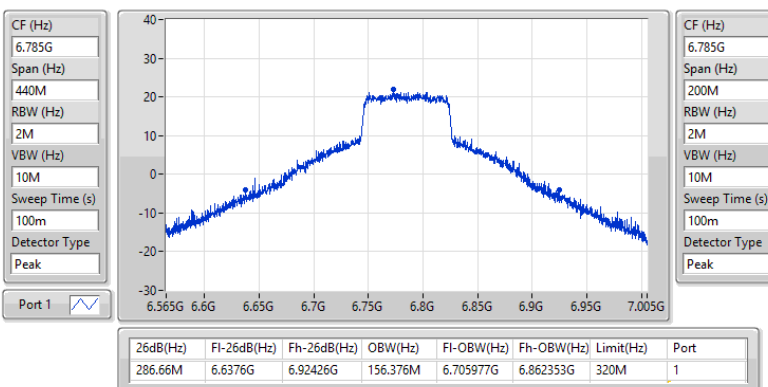


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6705MHz

15/12/2025

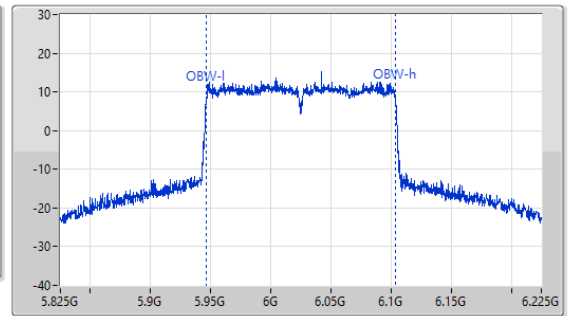
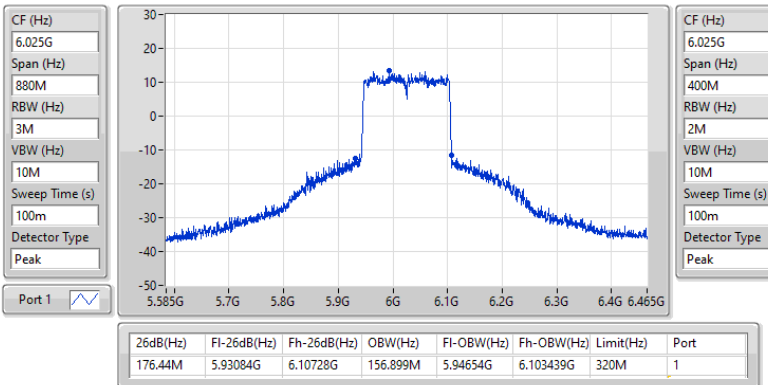

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6785MHz

15/12/2025

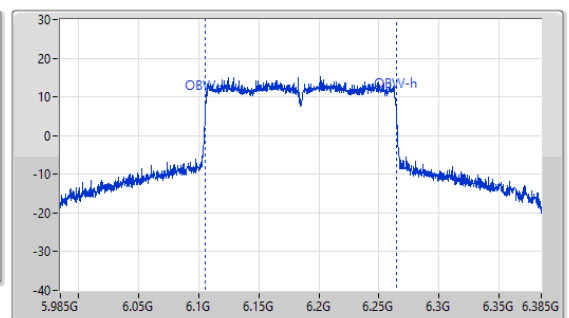
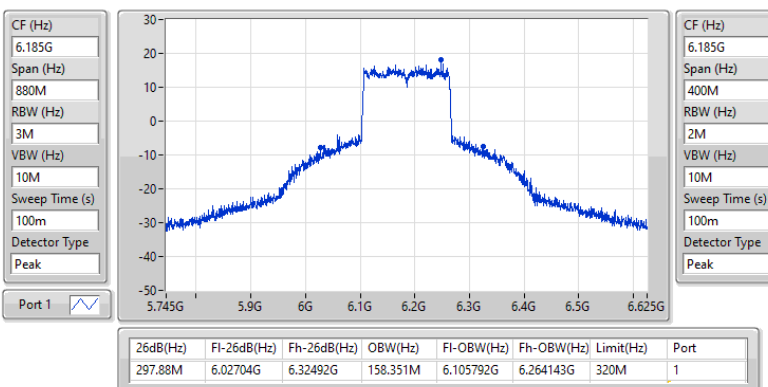


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6025MHz

02/07/2025

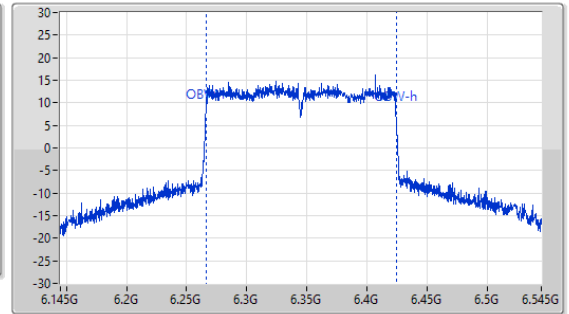
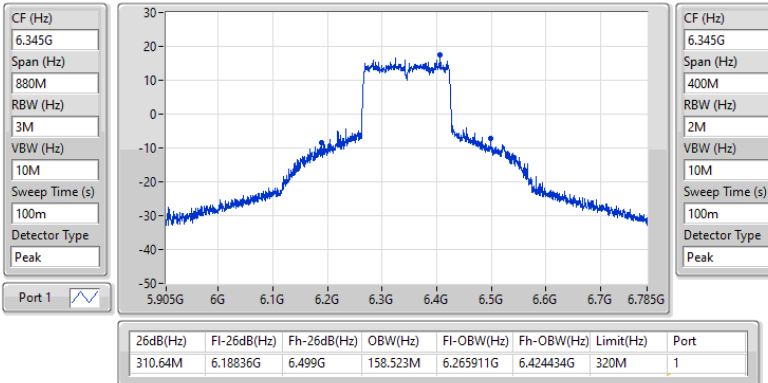

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6185MHz

02/07/2025

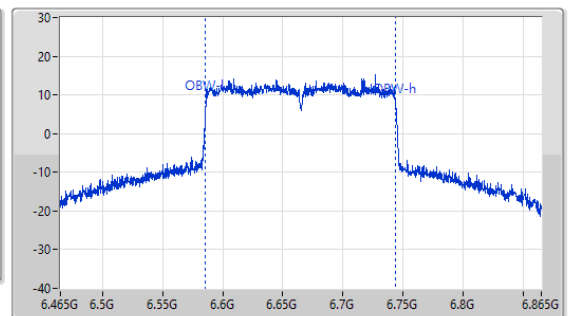
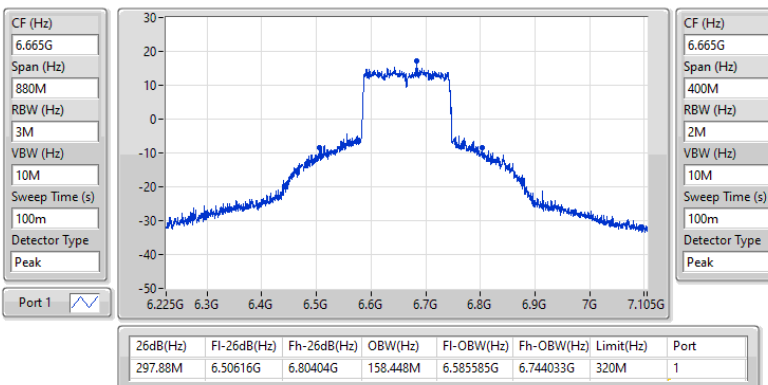


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6345MHz

02/07/2025


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

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	49.445M	24.857M	24M9D1D	31.13M	19.206M
802.11be EHT40_Nss1,(MCS0)_4TX	105.38M	67.333M	67M3D1D	40.81M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	214.5M	134.239M	134MD1D	82.06M	77.261M
802.11be EHT160_Nss1,(MCS0)_4TX	312.4M	157.93M	158MD1D	172.04M	156.322M
802.11be EHT320_Nss1,(MCS0)_4TX	552.64M	319.391M	319MD1D	428.56M	316.241M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	46.53M	19.982M	20M0D1D	33.44M	19.197M
802.11be EHT40_Nss1,(MCS0)_4TX	103.62M	67.12M	67M1D1D	90.2M	40.466M
802.11be EHT80_Nss1,(MCS0)_4TX	218.68M	141.14M	141MD1D	186.56M	113.524M
802.11be EHT160_Nss1,(MCS0)_4TX	306.68M	158.391M	158MD1D	220.88M	157.369M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	42.515M	19.662M	44.055M	20.704M	45.1M	23.276M	40.535M	19.524M
6195MHz	Pass	320M	43.67M	19.647M	43.395M	20.53M	49.445M	24.857M	40.92M	19.391M
6415MHz	Pass	320M	35.145M	19.279M	34.595M	19.356M	44.055M	19.525M	31.13M	19.206M
6535MHz	Pass	320M	36.685M	19.293M	33.99M	19.269M	35.64M	19.356M	33.44M	19.197M
6695MHz	Pass	320M	35.2M	19.294M	37.07M	19.352M	41.745M	19.671M	42.625M	19.352M
6855MHz	Pass	320M	41.305M	19.378M	44.715M	19.346M	46.53M	19.982M	35.75M	19.277M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	44.99M	37.881M	44.22M	37.881M	40.81M	37.881M	42.13M	37.831M
6205MHz	Pass	320M	101.86M	63.657M	105.38M	64.881M	103.51M	67.333M	103.07M	61.587M
6405MHz	Pass	320M	82.28M	38.631M	79.2M	38.281M	88.22M	39.73M	84.15M	38.481M
6565MHz	Pass	320M	98.78M	59.815M	101.75M	63.214M	103.51M	64.257M	98.34M	54.418M
6685MHz	Pass	320M	103.62M	67.12M	100.43M	61.442M	103.18M	62.982M	99M	59.848M
6845MHz	Pass	320M	94.71M	52.831M	90.2M	40.466M	101.2M	60.072M	95.37M	42.132M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	121.44M	77.361M	82.06M	77.261M	104.72M	77.361M	104.5M	77.361M
6225MHz	Pass	320M	204.6M	120.435M	209.88M	133.613M	214.5M	134.239M	190.52M	118.924M
6385MHz	Pass	320M	159.5M	78.161M	176M	78.361M	182.82M	82.159M	165.66M	78.261M
6625MHz	Pass	320M	215.16M	133.104M	203.72M	118.791M	206.8M	128.633M	198.22M	113.524M
6705MHz	Pass	320M	211.86M	131.775M	186.56M	118.464M	208.56M	127.771M	198.22M	115.808M
6785MHz	Pass	320M	218.68M	141.14M	203.94M	127.678M	209.22M	129.633M	199.32M	120.774M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	199.76M	156.722M	172.04M	156.322M	237.6M	156.722M	205.04M	156.522M
6185MHz	Pass	320M	202.4M	157.23M	216.04M	157.388M	312.4M	157.865M	253.88M	157.216M
6345MHz	Pass	320M	188.32M	157.239M	280.28M	157.558M	285.12M	157.93M	253M	157.442M
6665MHz	Pass	320M	305.36M	157.626M	306.24M	157.853M	306.68M	158.391M	220.88M	157.369M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	428.56M	316.45M	512.16M	317.221M	511.28M	317.529M	462M	316.241M
6265MHz	Pass	320M	460.24M	317.836M	552.64M	318.565M	549.12M	319.391M	530.64M	317.776M

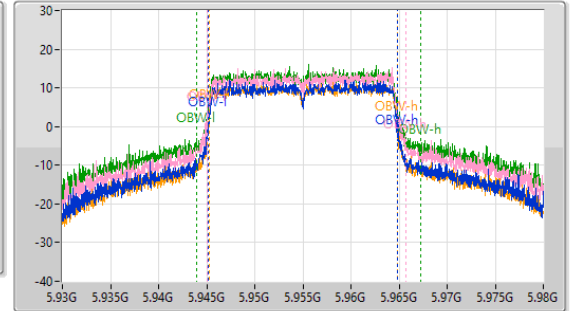
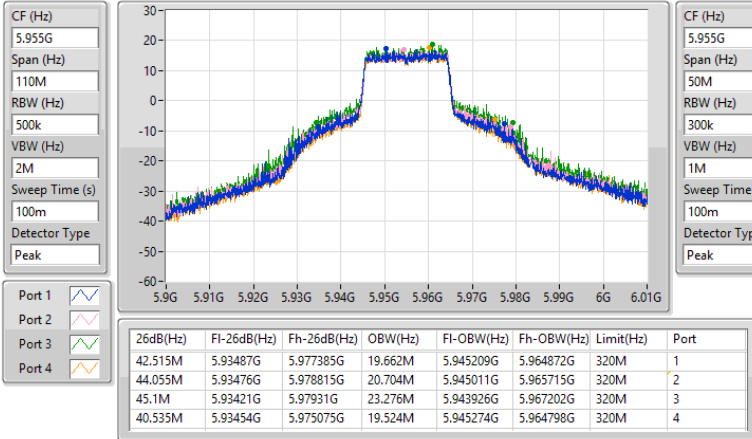
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5955MHz

16/12/2025

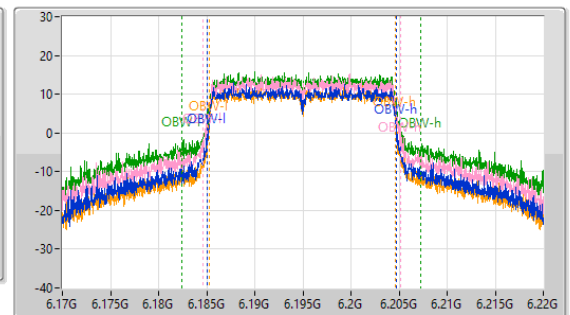
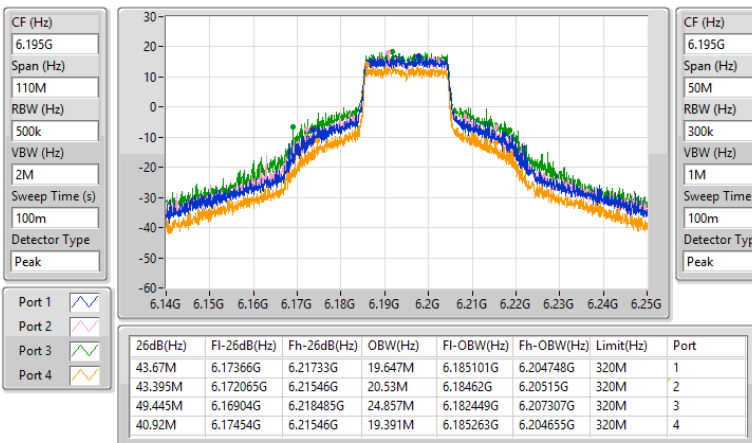


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

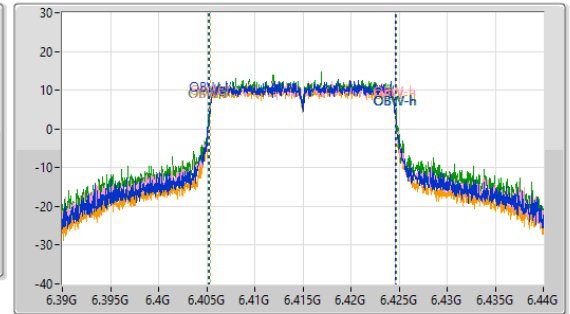
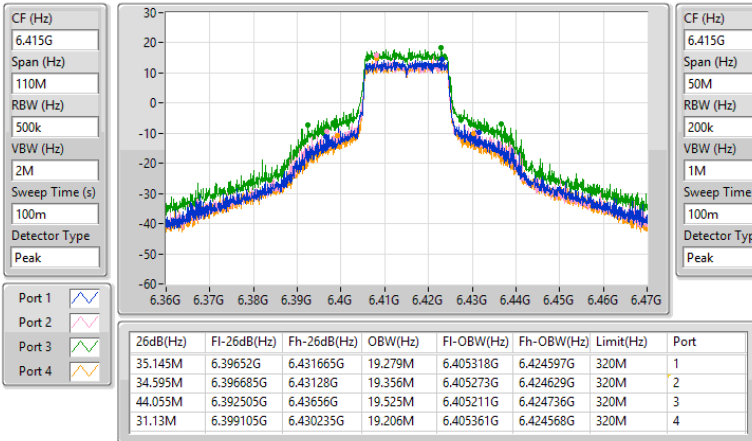
6195MHz

16/12/2025

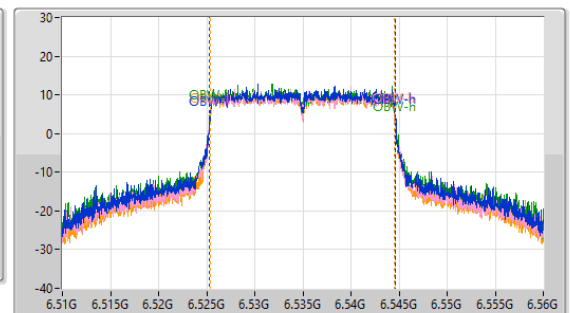
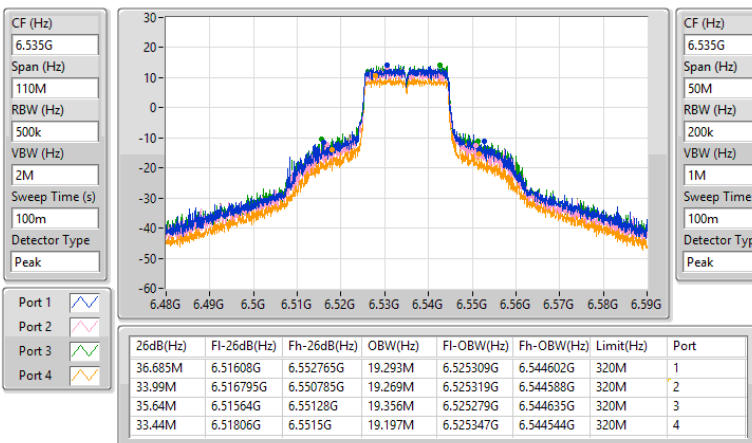


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

16/12/2025


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

16/12/2025

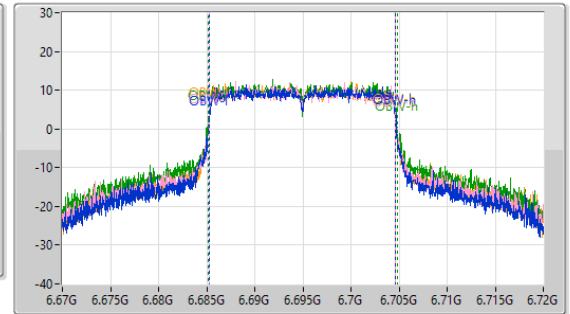
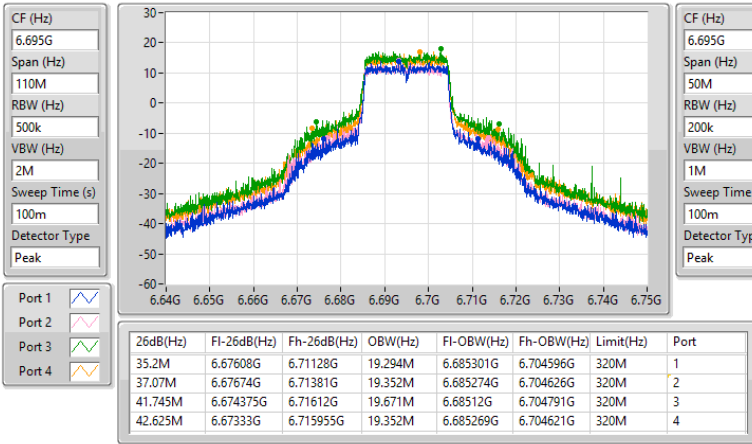


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

16/12/2025

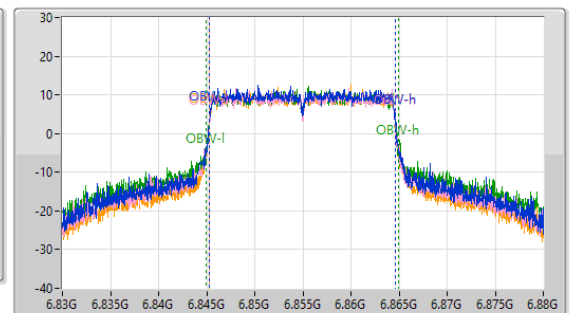
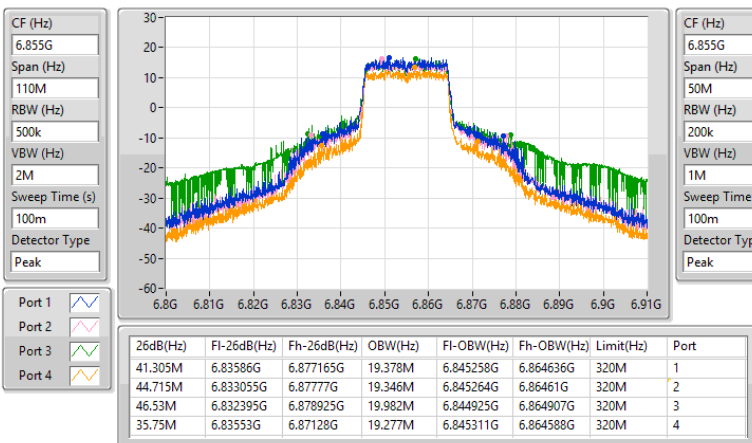


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6855MHz

16/12/2025

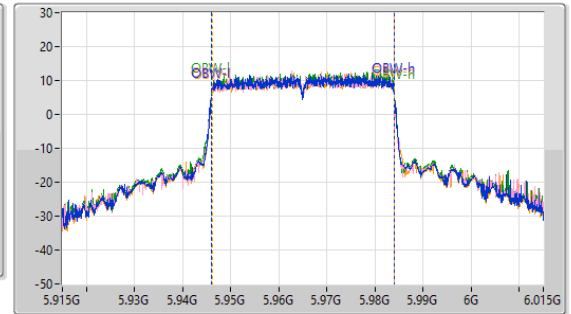
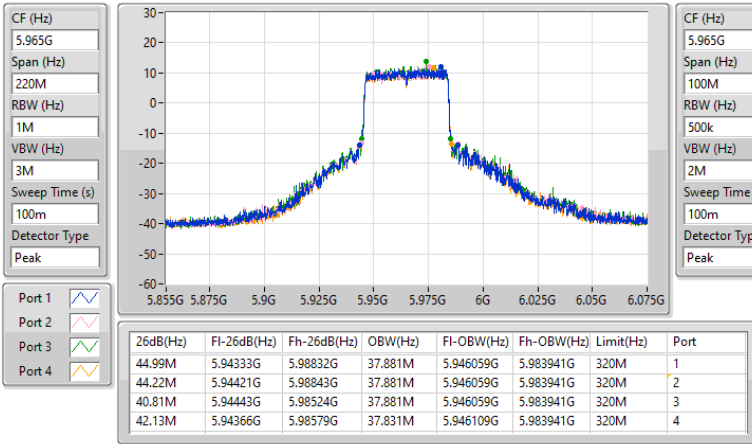


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5965MHz

19/12/2025

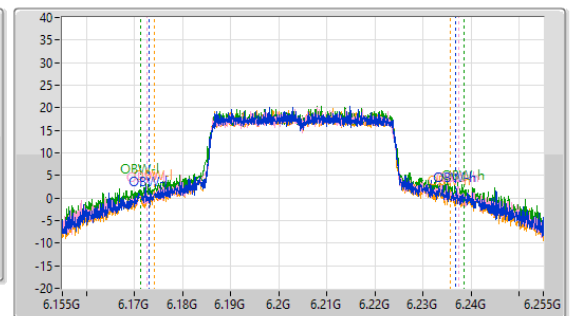
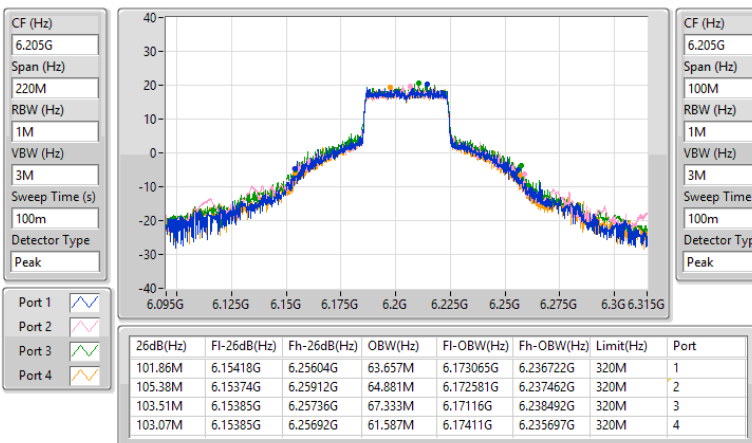


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6205MHz

16/12/2025

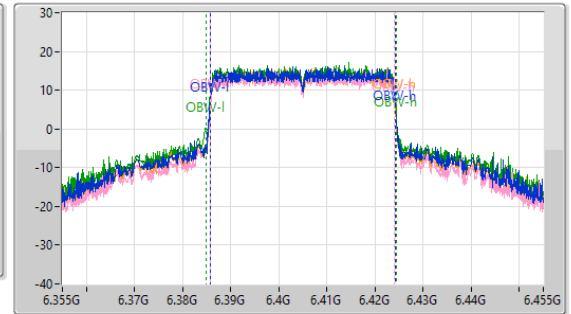
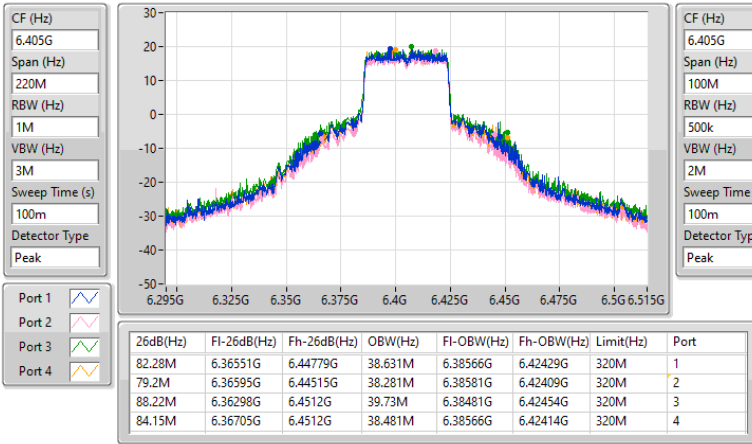


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6405MHz

19/12/2025

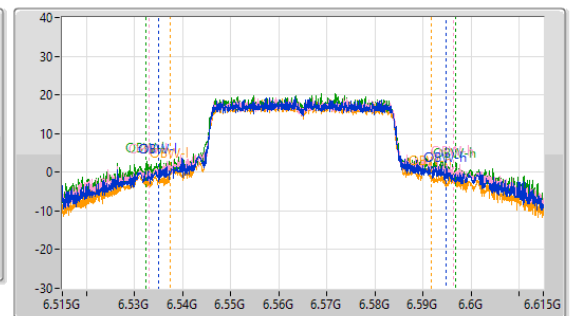
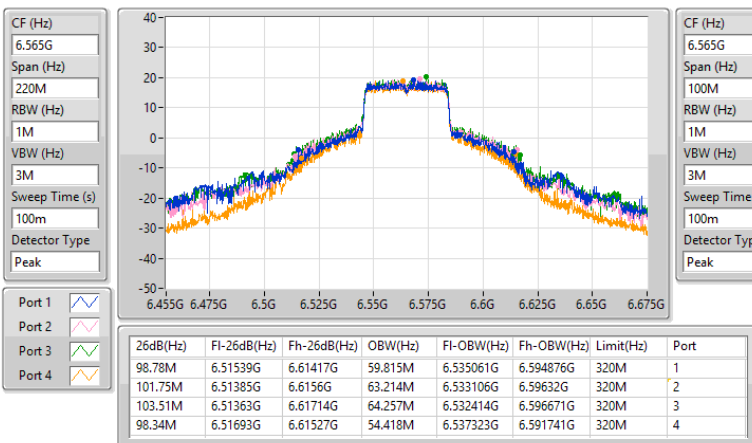


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

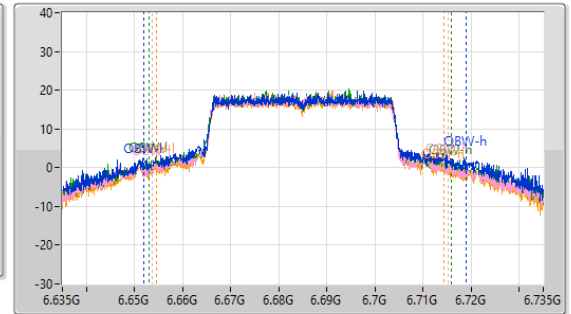
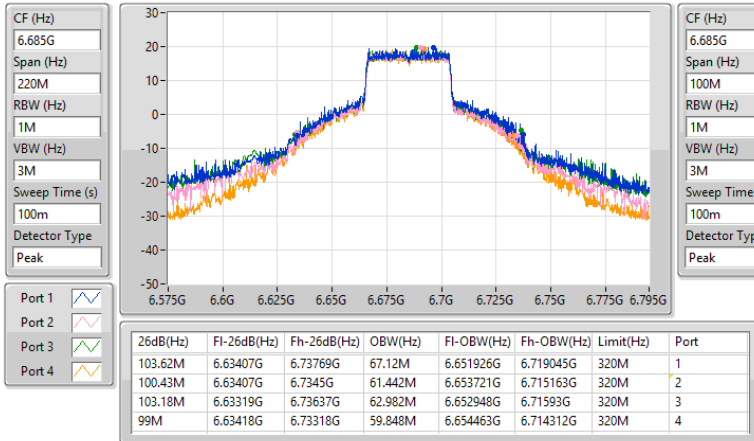
6565MHz

16/12/2025

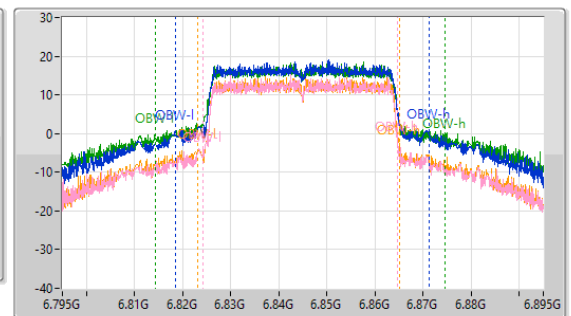
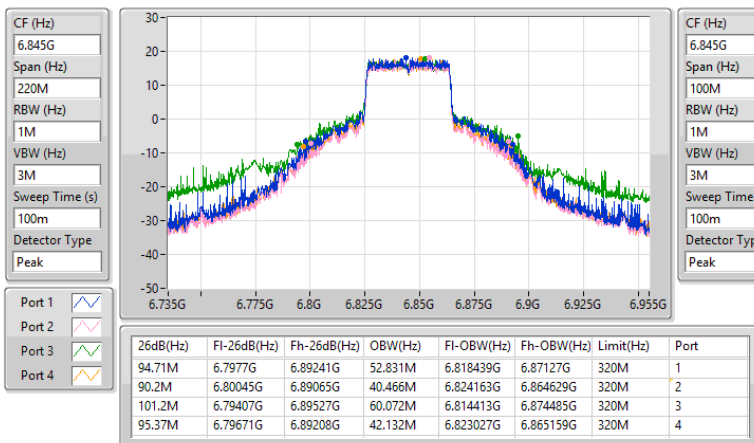


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

16/12/2025


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

16/12/2025

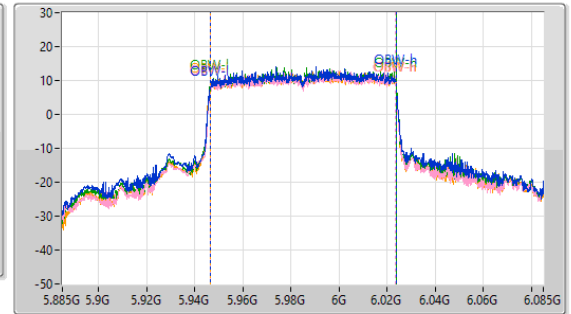
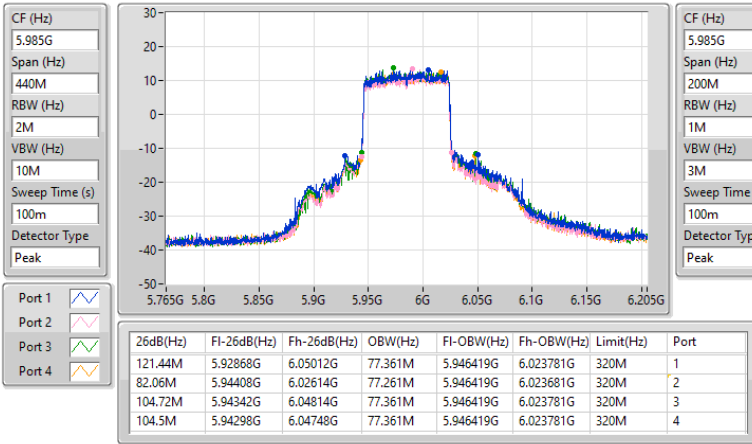


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5985MHz

19/12/2025

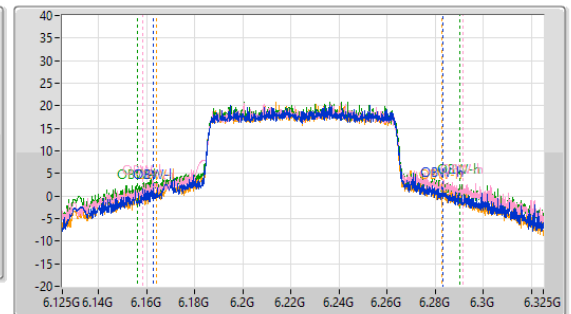
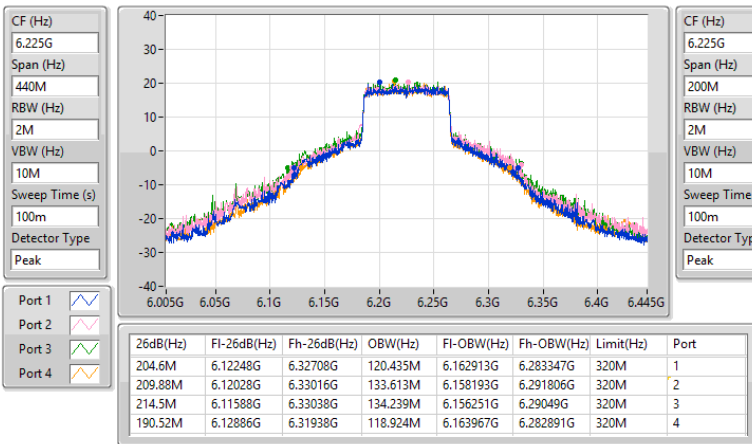


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6225MHz

16/12/2025

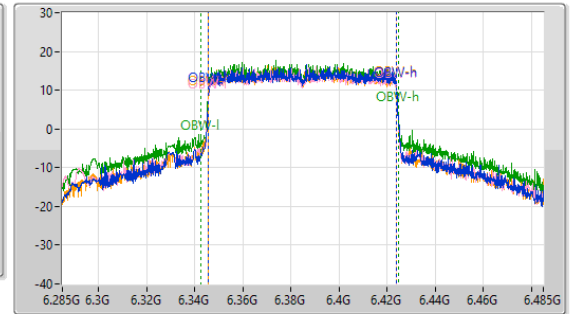
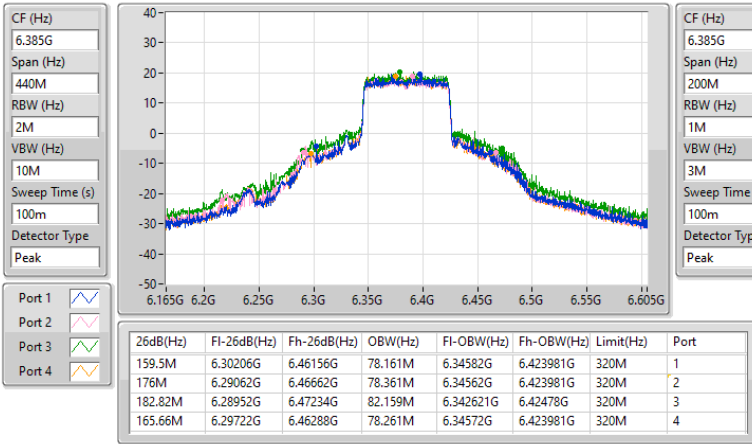


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6385MHz

19/12/2025

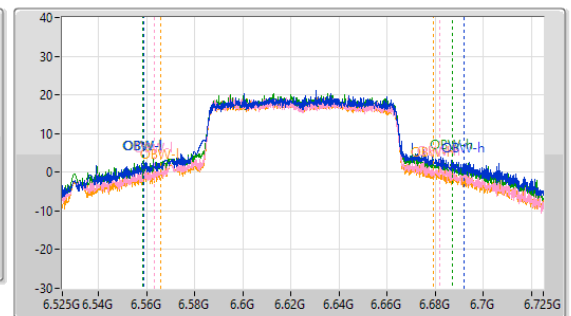
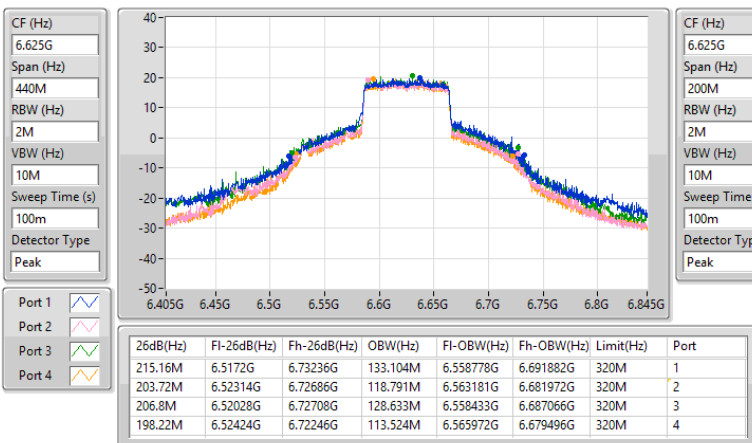


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6625MHz

16/12/2025

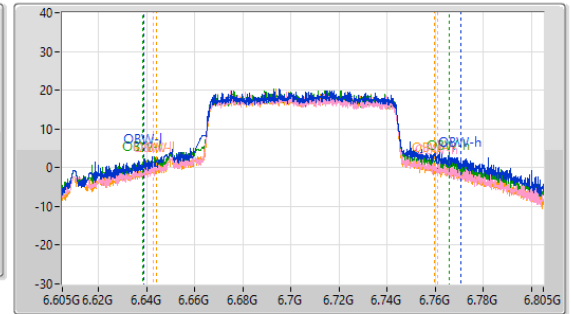
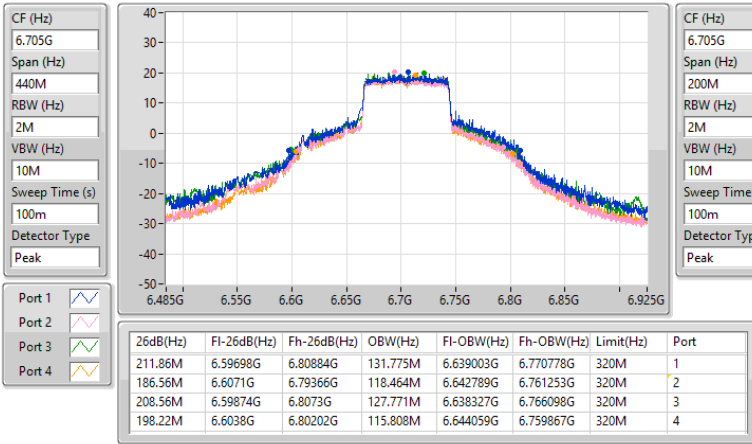


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

16/12/2025

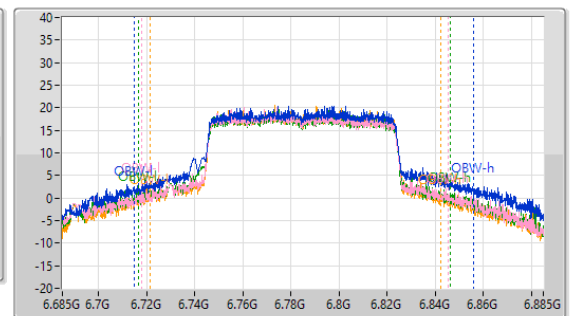
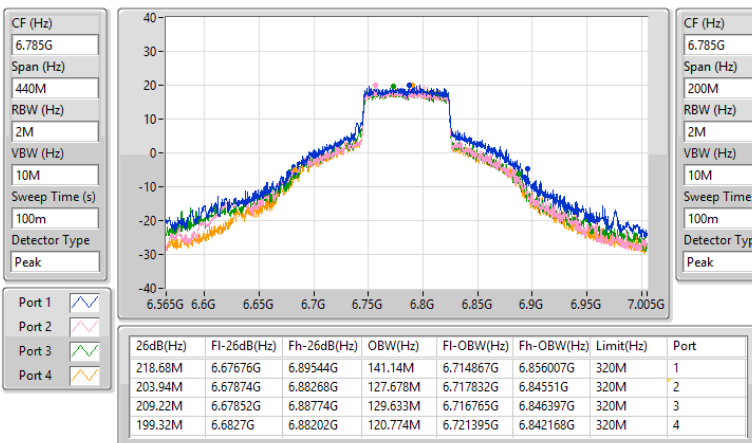


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

16/12/2025

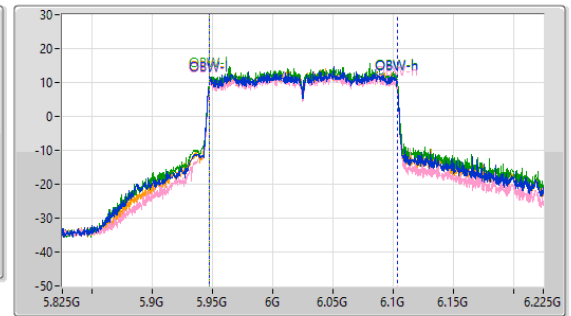
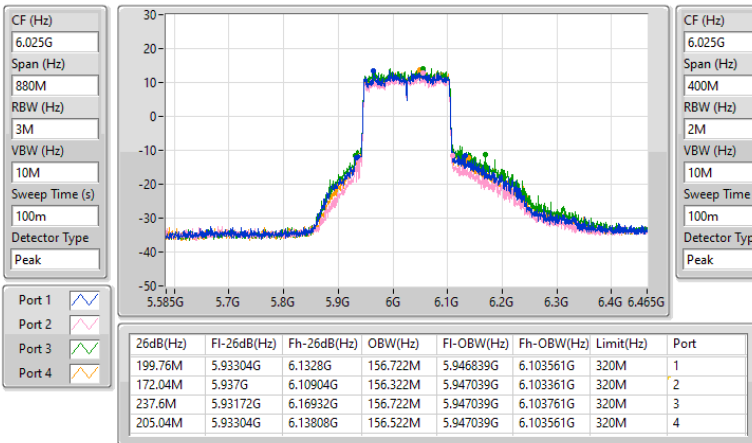


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

19/12/2025

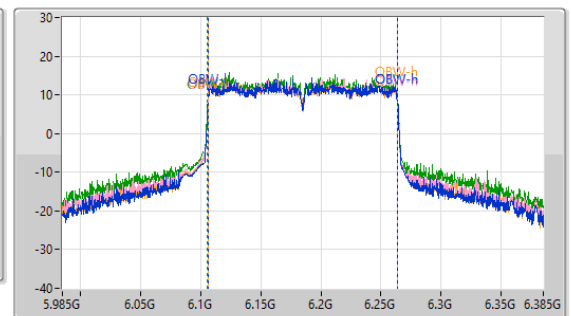
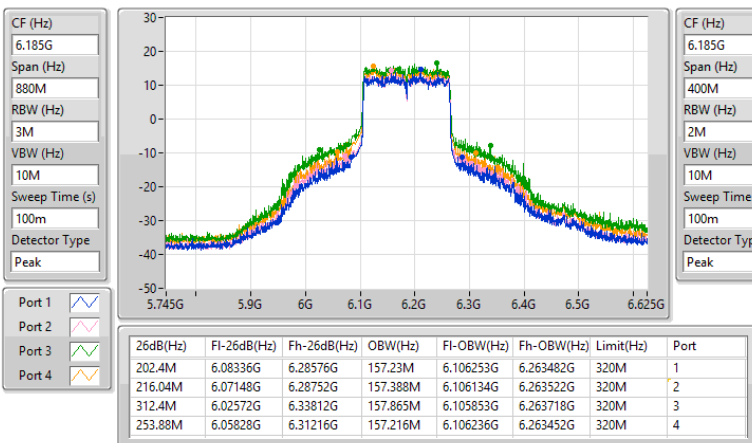


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

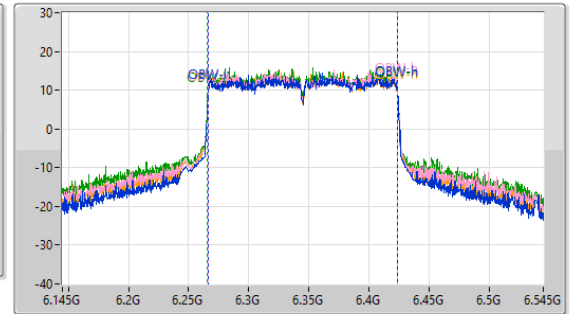
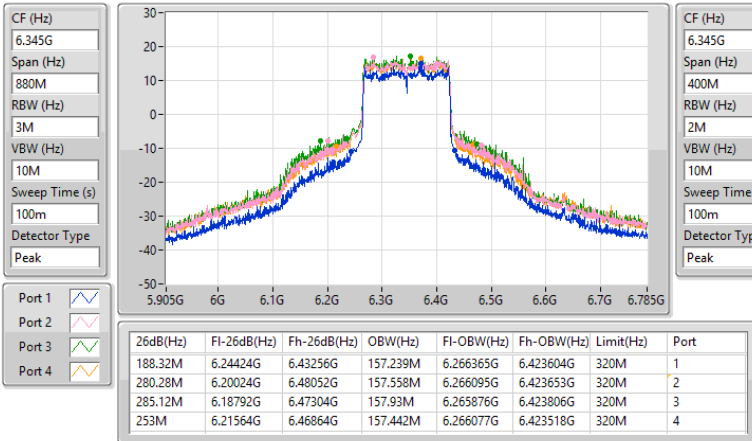
6185MHz

16/12/2025

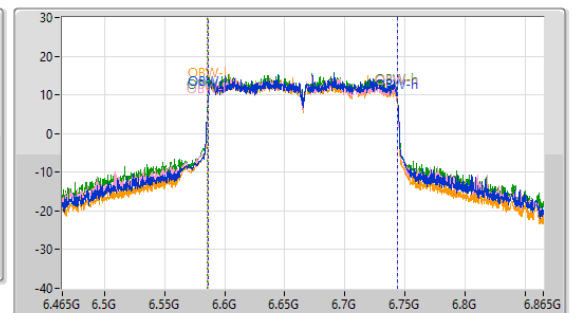
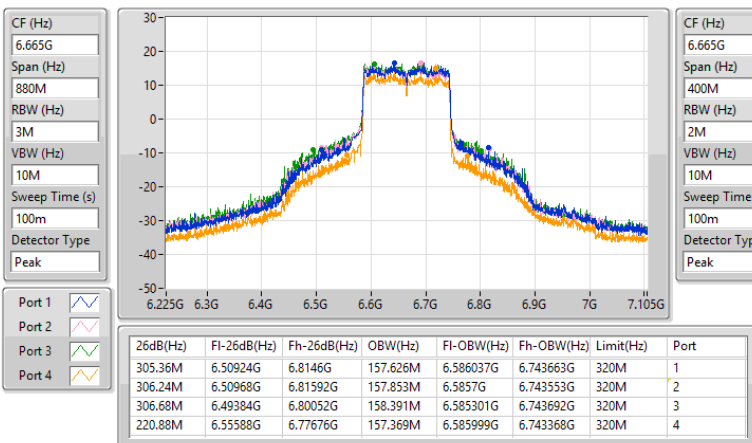


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6345MHz

16/12/2025

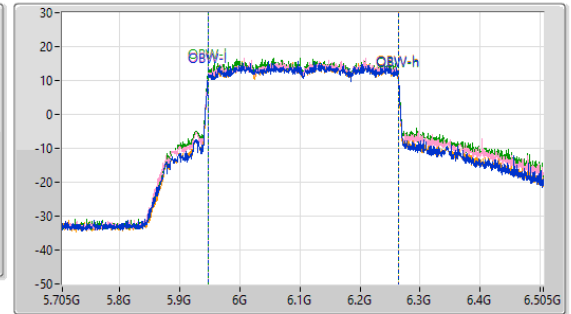
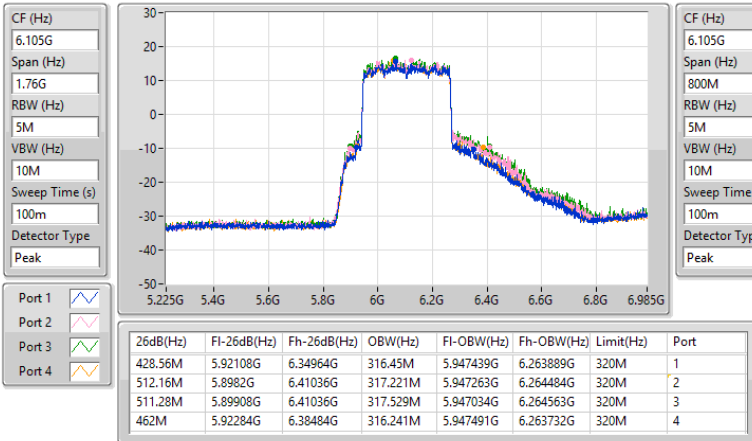

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6665MHz

16/12/2025

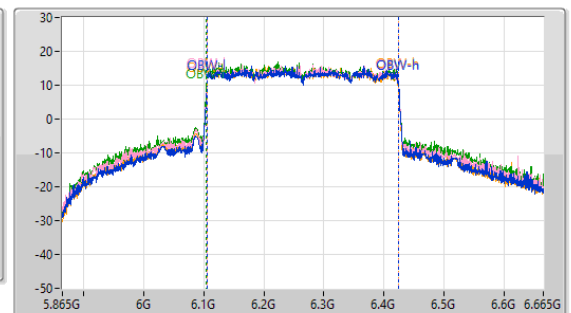
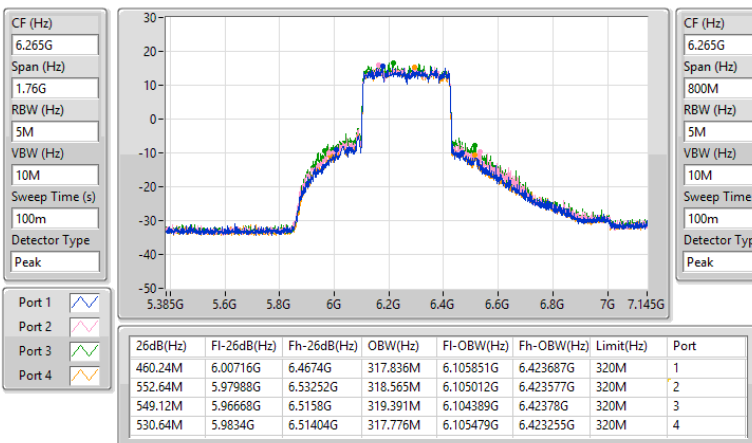


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6105MHz

16/12/2025


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6265MHz

16/12/2025



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	46.53M	23.773M	23M8D1D	28.215M	19.175M
802.11be EHT40_Nss1,(MCS0)_4TX	95.48M	58.493M	58M5D1D	49.28M	37.95M
802.11be EHT80_Nss1,(MCS0)_4TX	199.1M	113.292M	113MD1D	87.78M	77.322M
802.11be EHT160_Nss1,(MCS0)_4TX	303.16M	157.822M	158MD1D	179.96M	156.423M
802.11be EHT320_Nss1,(MCS0)_4TX	573.76M	319.69M	320MD1D	422.4M	315.869M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	45.1M	19.9M	19M9D1D	32.835M	19.276M
802.11be EHT40_Nss1,(MCS0)_4TX	105.82M	69.964M	70M0D1D	88.77M	51.295M
802.11be EHT80_Nss1,(MCS0)_4TX	228.14M	143.296M	143MD1D	199.32M	127.319M
802.11be EHT160_Nss1,(MCS0)_4TX	312.84M	158.715M	159MD1D	253.44M	157.325M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

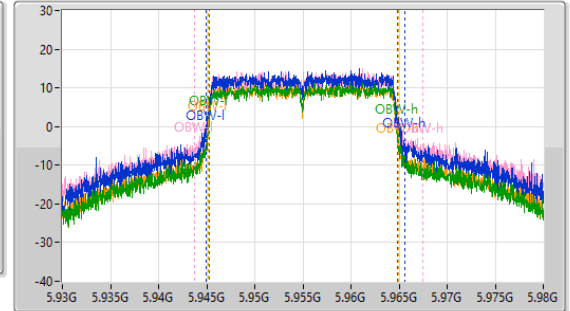
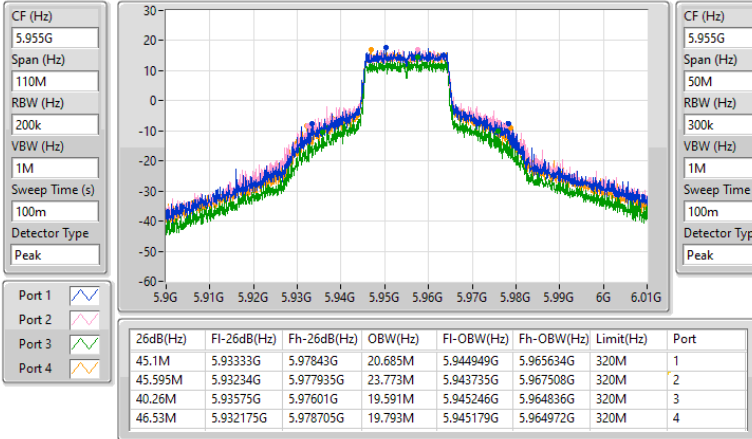
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	45.1M	20.685M	45.595M	23.773M	40.26M	19.591M	46.53M	19.793M
6195MHz	Pass	320M	41.91M	19.398M	40.04M	19.408M	41.36M	19.333M	41.855M	19.525M
6415MHz	Pass	320M	29.535M	19.18M	31.845M	19.28M	28.215M	19.175M	29.975M	19.206M
6535MHz	Pass	320M	40.315M	19.276M	32.835M	19.334M	38.83M	19.375M	43.45M	19.458M
6695MHz	Pass	320M	42.57M	19.493M	44.275M	19.404M	42.79M	19.395M	44.88M	19.578M
6855MHz	Pass	320M	43.615M	19.595M	45.1M	19.9M	38.115M	19.391M	42.955M	19.843M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	58.63M	38.013M	49.28M	37.95M	58.41M	38.015M	55.66M	37.994M
6205MHz	Pass	320M	95.48M	53.836M	95.48M	57.007M	92.84M	52.159M	94.16M	58.493M
6405MHz	Pass	320M	78.65M	38.143M	77.77M	38.358M	81.29M	38.22M	93.94M	38.651M
6565MHz	Pass	320M	102.85M	63.163M	102.19M	69.02M	98.78M	60.444M	100.98M	66.006M
6685MHz	Pass	320M	105.82M	67.536M	105.16M	69.964M	102.3M	65.968M	101.75M	67.277M
6845MHz	Pass	320M	100.32M	58.736M	96.58M	55.524M	88.77M	51.295M	95.7M	58.339M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	87.78M	77.322M	116.6M	77.437M	92.18M	77.375M	118.36M	77.534M
6225MHz	Pass	320M	191.62M	107.829M	198.66M	113.292M	186.56M	100.861M	199.1M	104.28M
6385MHz	Pass	320M	154.22M	78.135M	184.8M	82.341M	167.2M	78.779M	185.24M	80.95M
6625MHz	Pass	320M	207.46M	128.09M	215.16M	142.375M	211.42M	128.276M	204.82M	128.481M
6705MHz	Pass	320M	210.1M	133.826M	216.92M	136.837M	201.08M	128.243M	207.68M	132.226M
6785MHz	Pass	320M	228.14M	143.296M	209M	130.453M	211.2M	127.644M	199.32M	127.319M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	179.96M	156.423M	191.84M	156.703M	205.48M	156.57M	191.84M	156.691M
6185MHz	Pass	320M	297.44M	157.629M	297M	157.798M	287.32M	157.628M	303.16M	157.822M
6345MHz	Pass	320M	186.12M	156.917M	212.96M	156.88M	191.84M	157.332M	234.08M	157.71M
6665MHz	Pass	320M	253.44M	157.325M	309.76M	158.621M	312.84M	157.518M	307.56M	158.715M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	495.44M	316.026M	462M	316.504M	422.4M	315.869M	440M	316.562M
6265MHz	Pass	320M	551.76M	319.25M	573.76M	318.829M	565.84M	318.972M	563.2M	319.69M

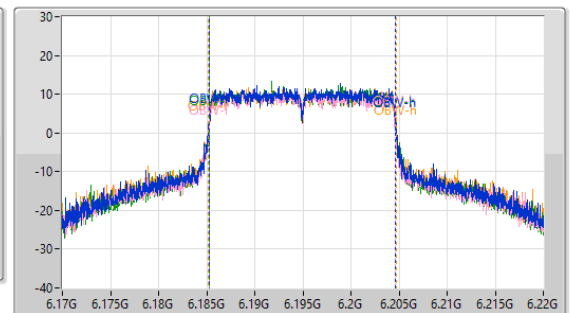
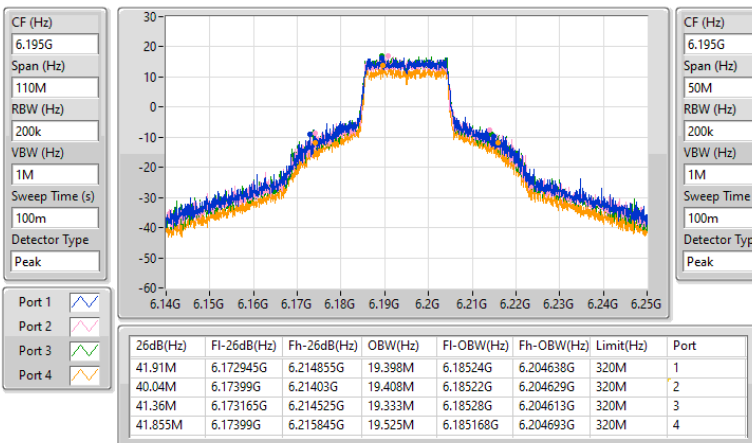
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

20/12/2025

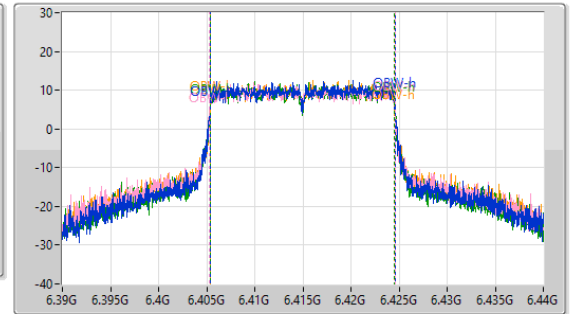
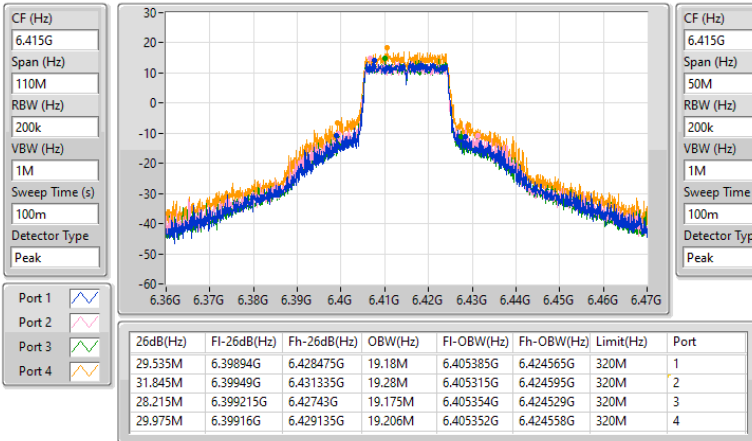

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6195MHz

20/12/2025

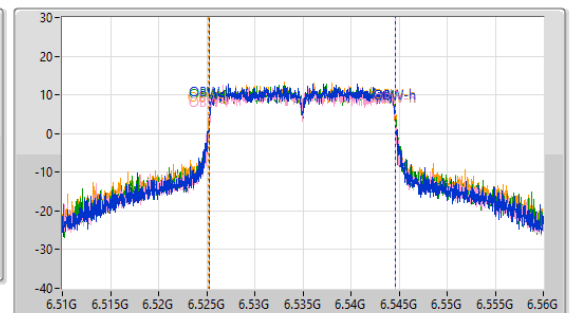
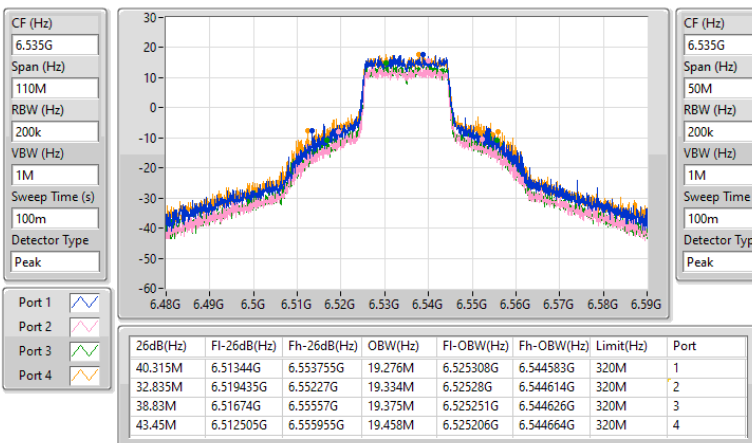


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

20/12/2025

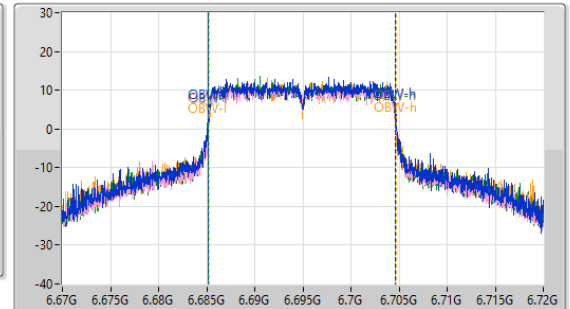
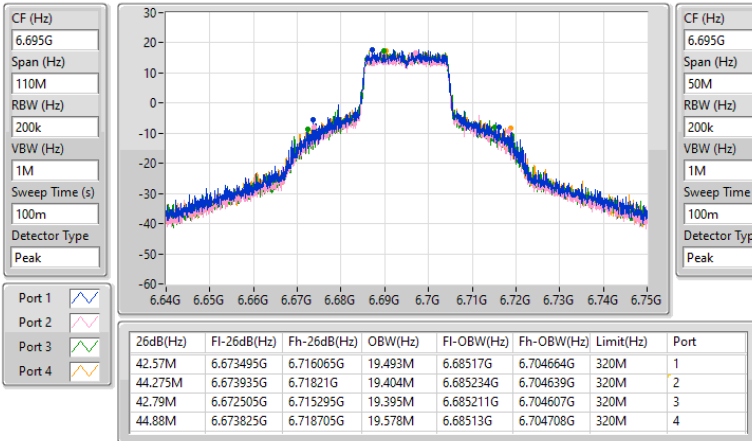

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

20/12/2025

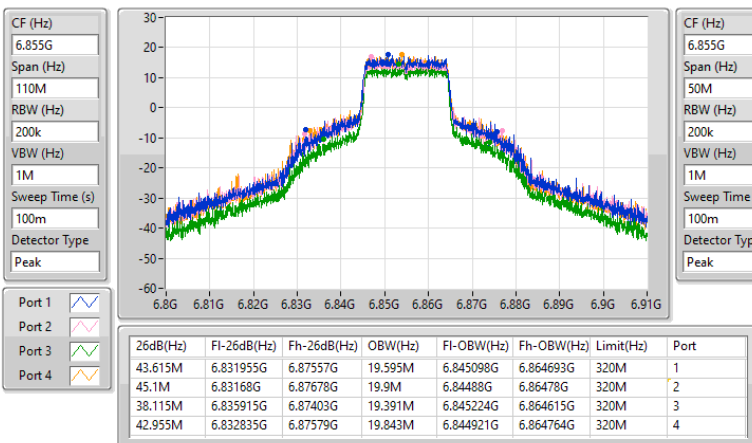


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6695MHz

20/12/2025

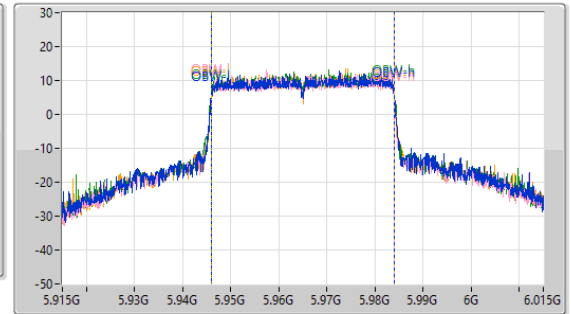
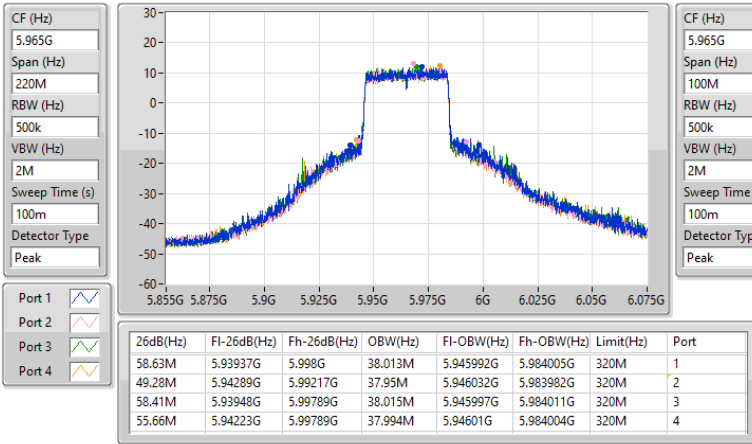

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6855MHz

20/12/2025

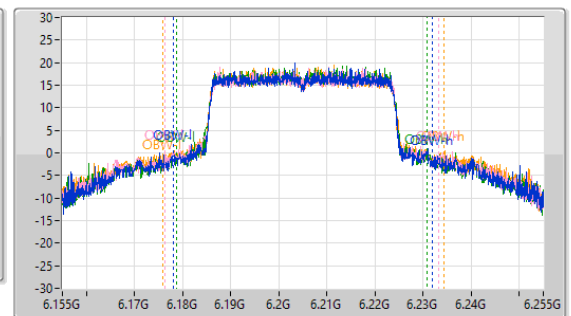
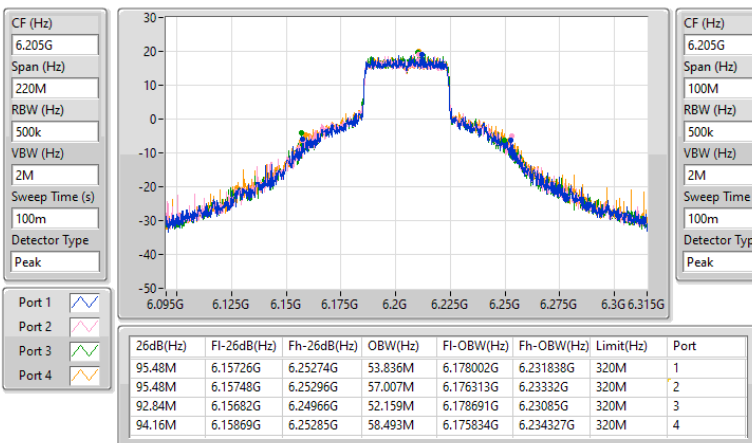


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5965MHz

20/12/2025

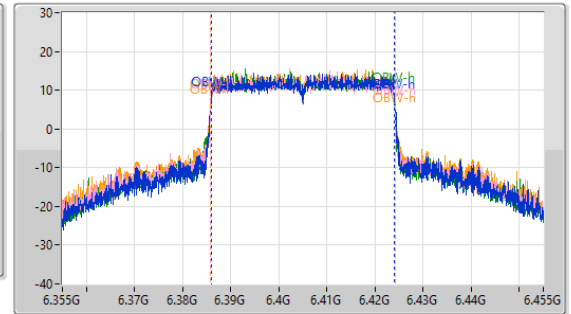
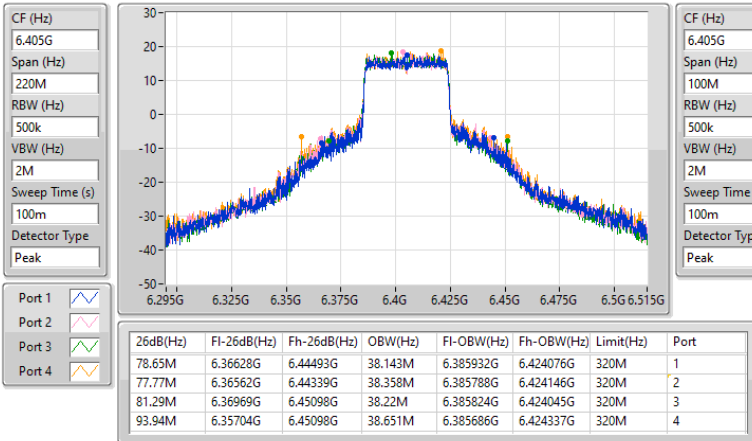

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

20/12/2025

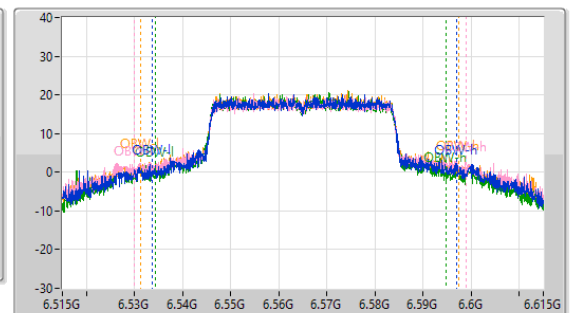
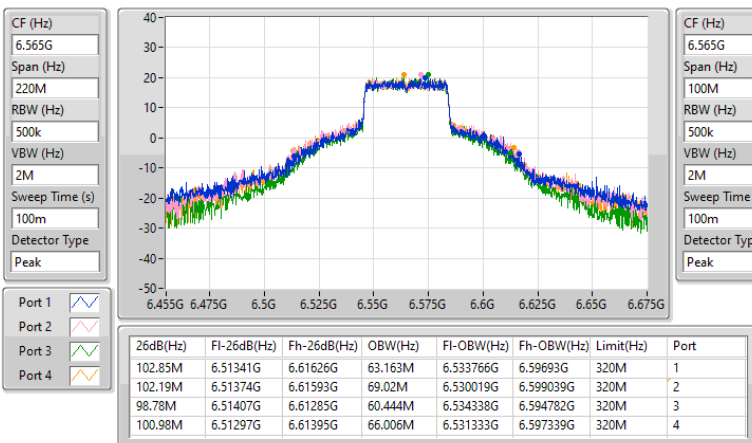


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6405MHz

20/12/2025

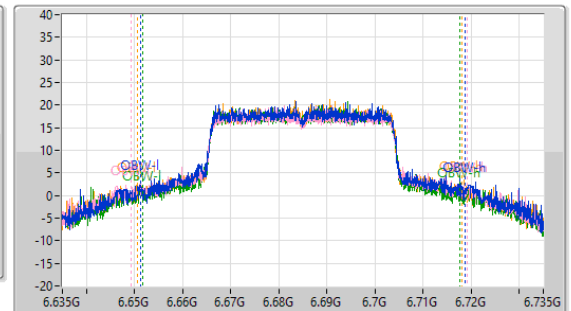
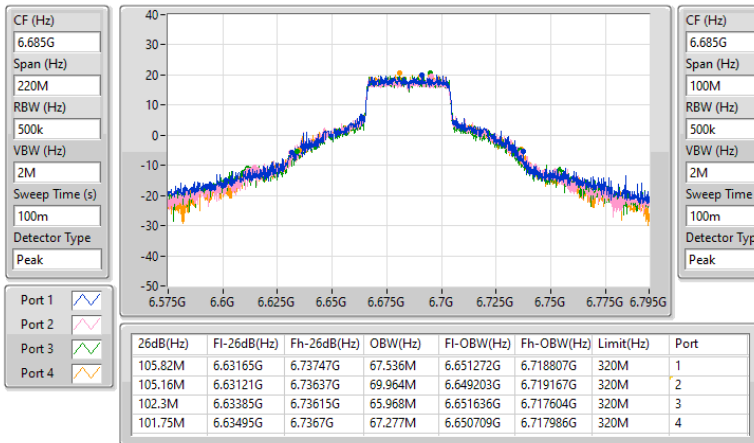

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6565MHz

20/12/2025

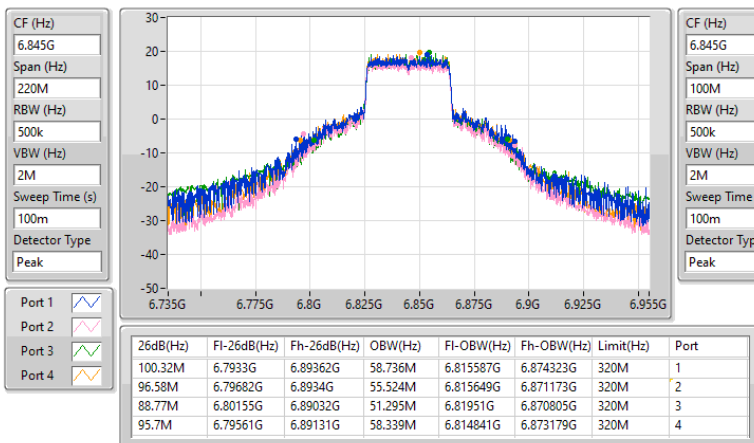


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

20/12/2025

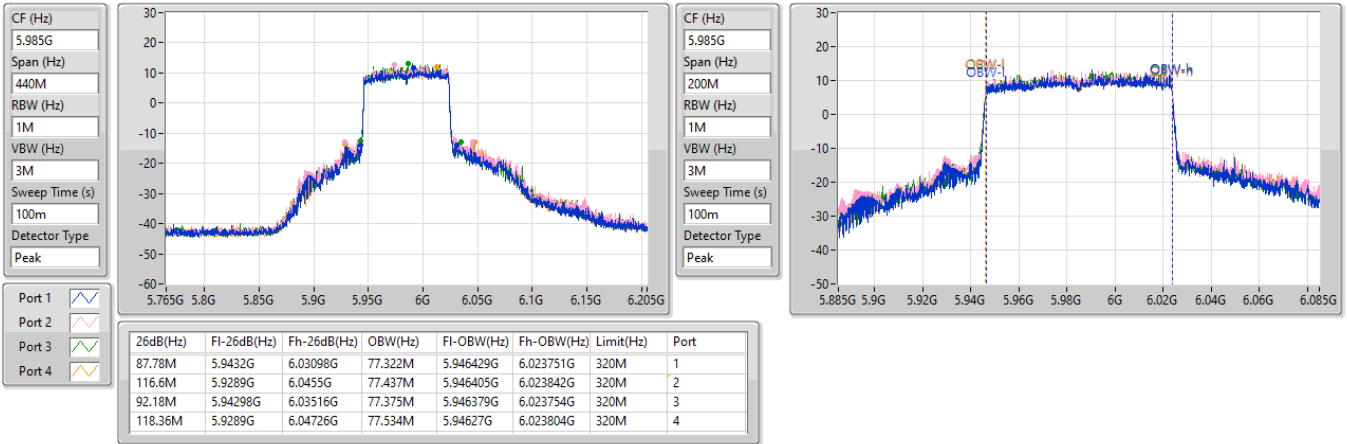

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

20/12/2025

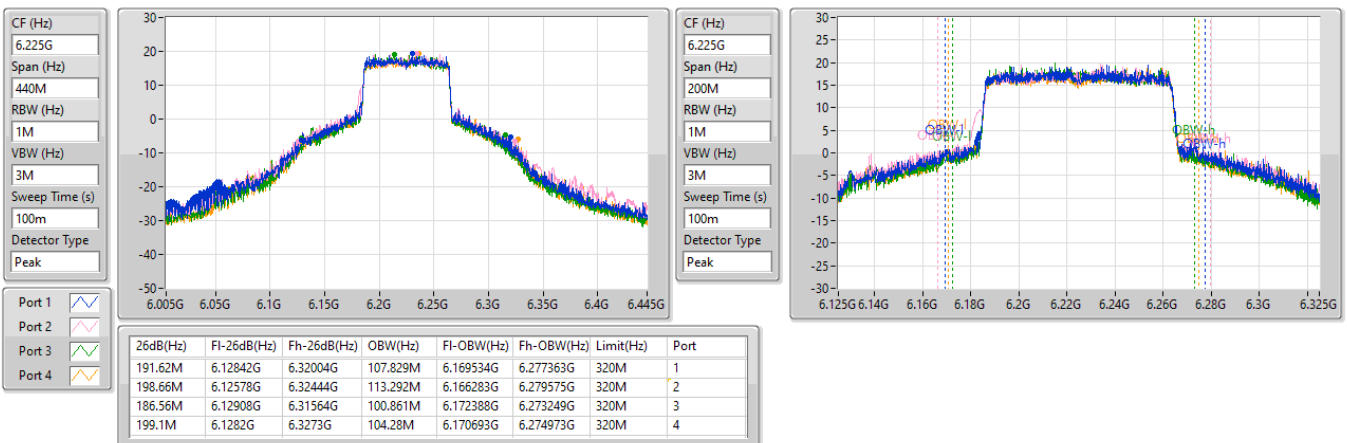


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5985MHz

20/12/2025

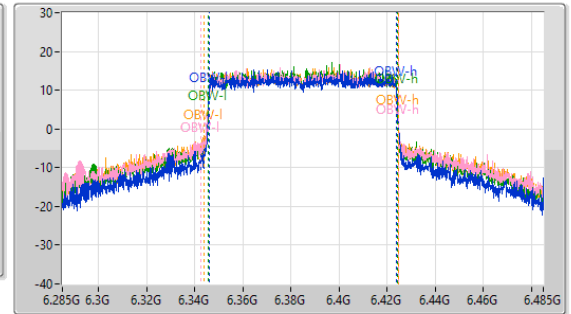
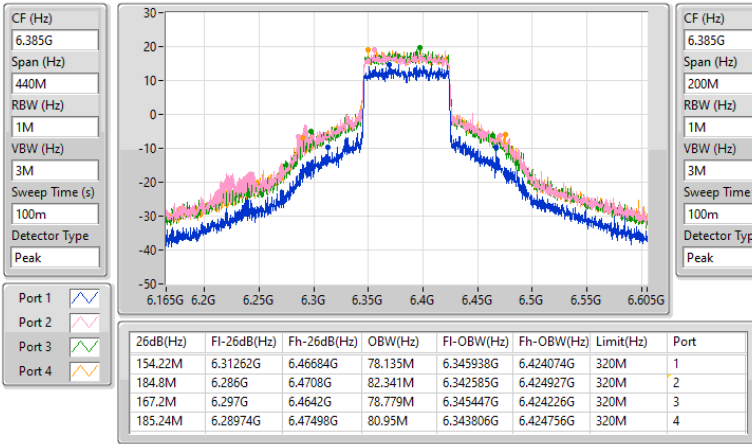

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6225MHz

20/12/2025

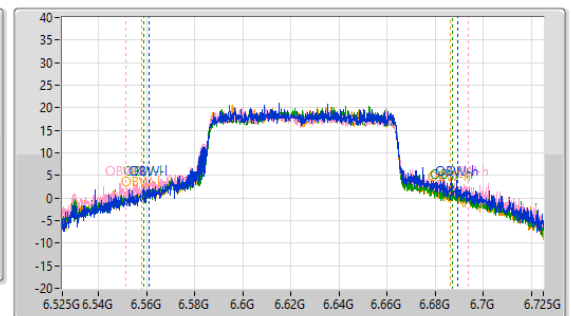
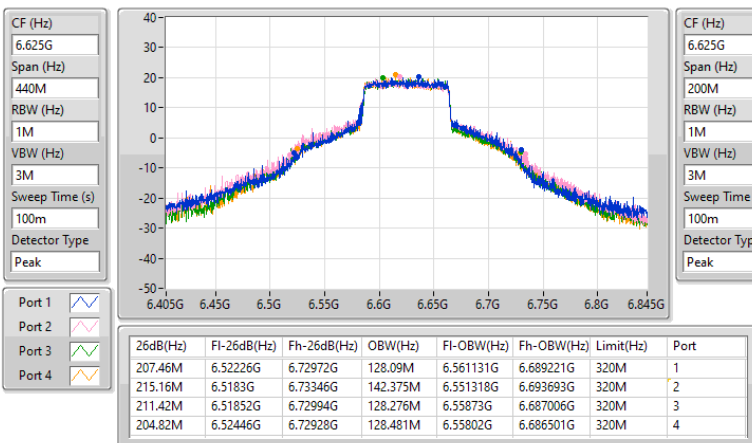


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6385MHz

20/12/2025

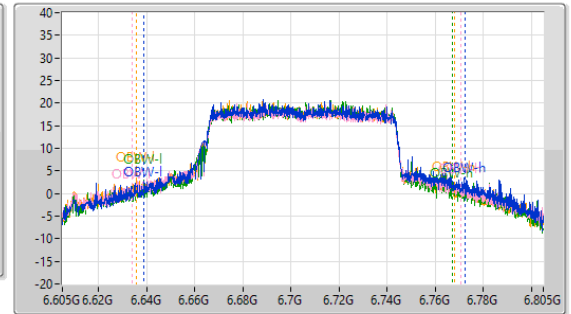
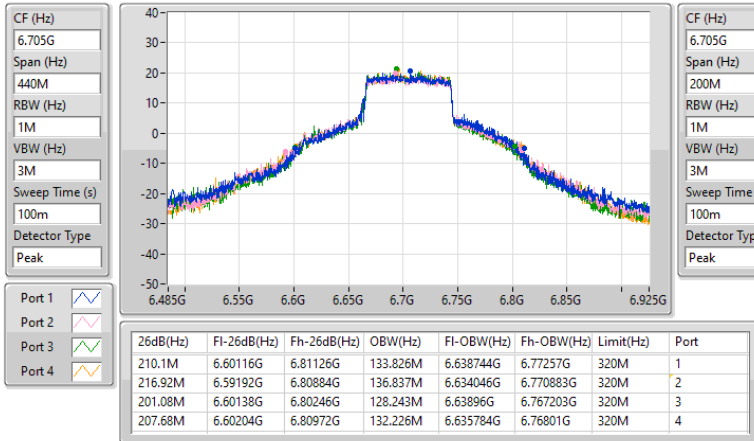

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6625MHz

20/12/2025

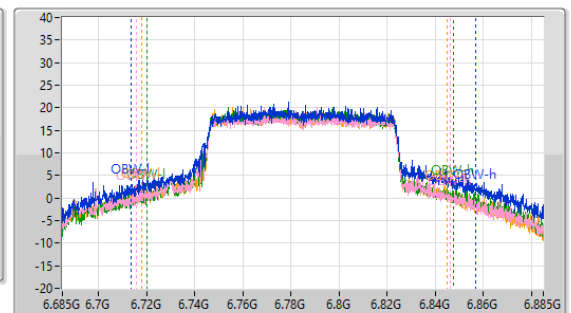
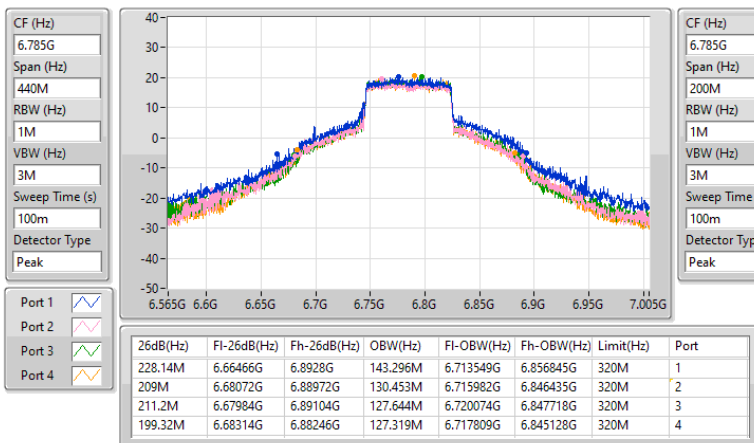


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6705MHz

20/12/2025

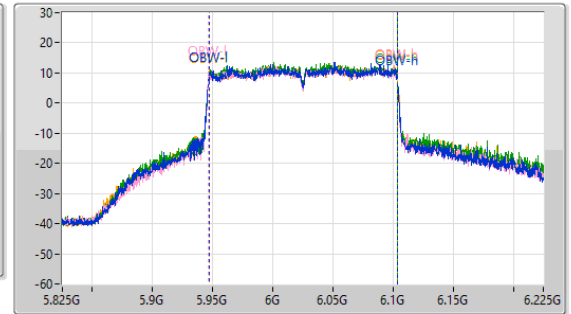
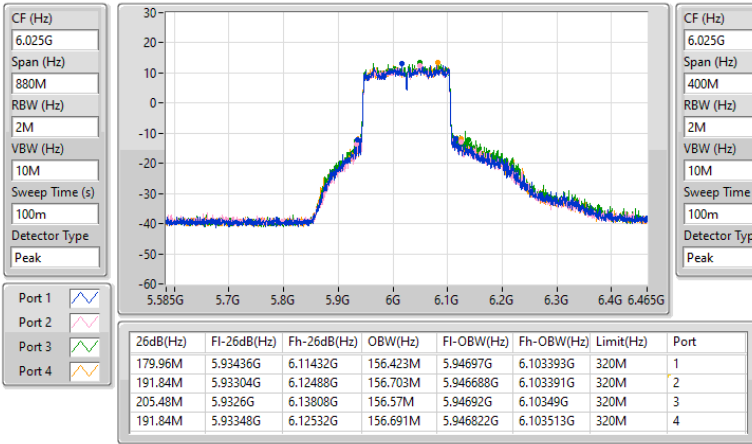

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6785MHz

20/12/2025

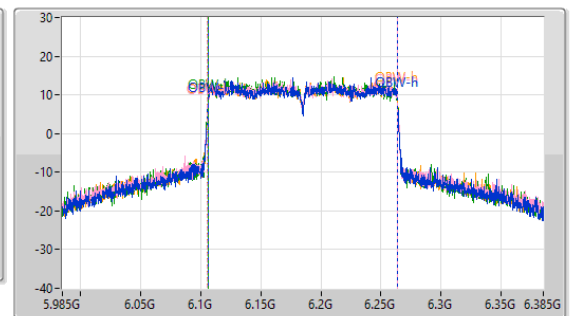
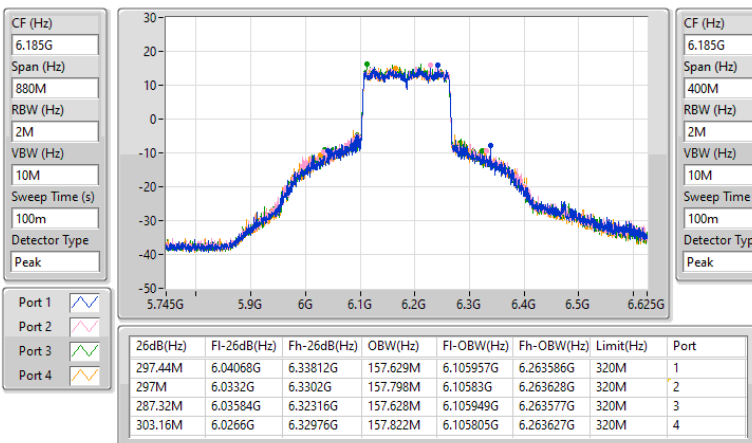


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6025MHz

20/12/2025

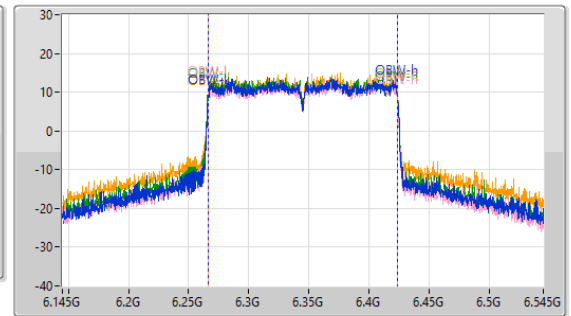
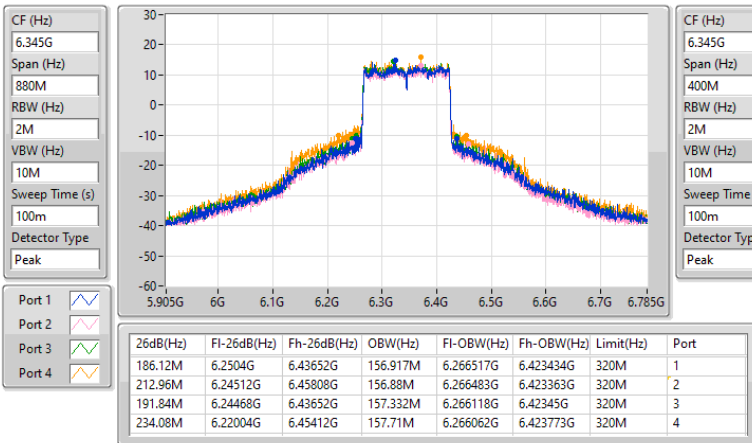

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6185MHz

20/12/2025

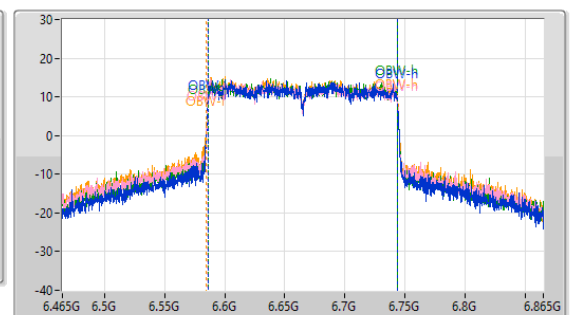
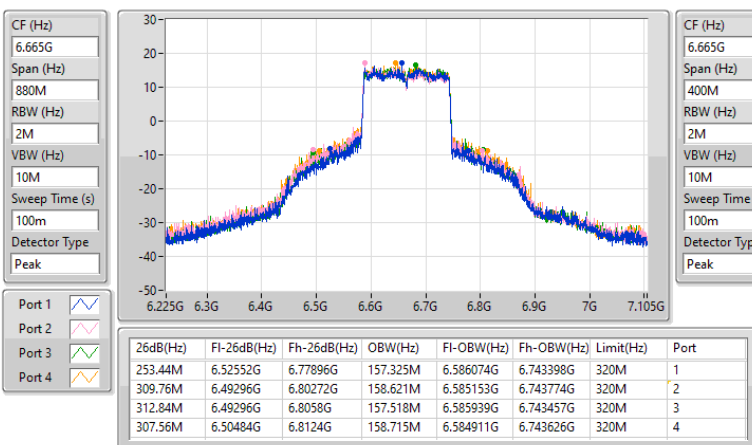


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6345MHz

20/12/2025

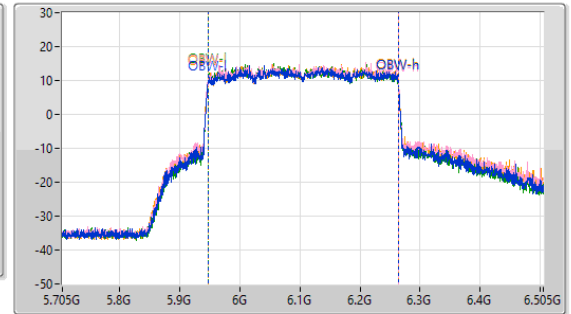
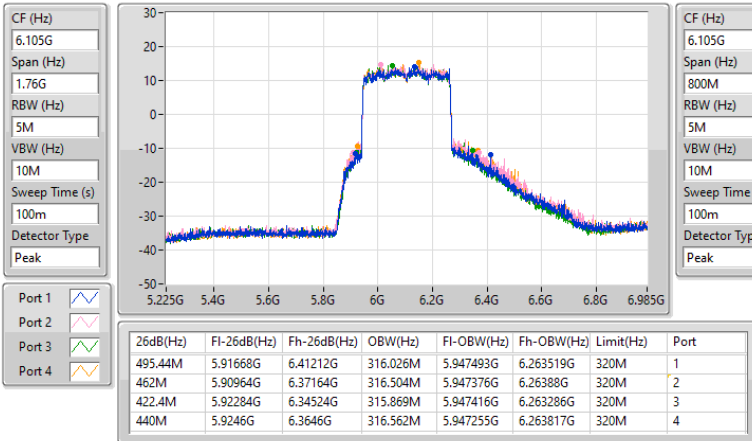

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6665MHz

20/12/2025

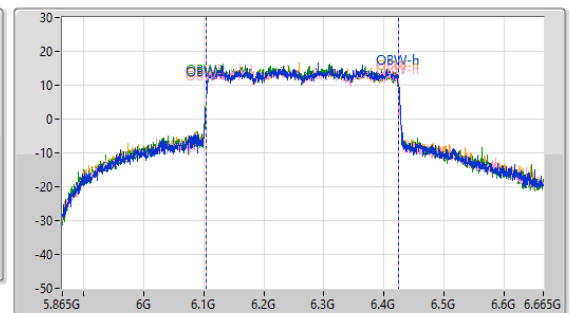
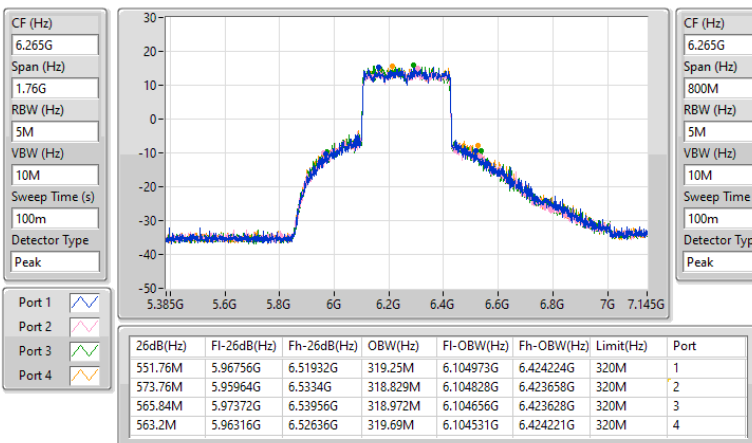


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6105MHz

20/12/2025


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6265MHz

20/12/2025



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	54.89M	36.851M	36M9D1D	45.265M	19.487M
802.11ax HEW40_Nss1,(MCS0)_1TX	108.57M	72.132M	72M1D1D	69.96M	38.116M
802.11ax HEW80_Nss1,(MCS0)_1TX	229.24M	145.37M	145MD1D	97.46M	77.646M
802.11ax HEW160_Nss1,(MCS0)_1TX	315.92M	158.108M	158MD1D	294.36M	157.304M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	67.705M	38.483M	38M5D1D	47.905M	19.704M
802.11ax HEW40_Nss1,(MCS0)_1TX	114.84M	75.247M	75M2D1D	98.23M	59.534M
802.11ax HEW80_Nss1,(MCS0)_1TX	267.08M	153.168M	153MD1D	257.84M	151.023M
802.11ax HEW160_Nss1,(MCS0)_1TX	318.56M	159.069M	159MD1D	318.56M	159.069M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

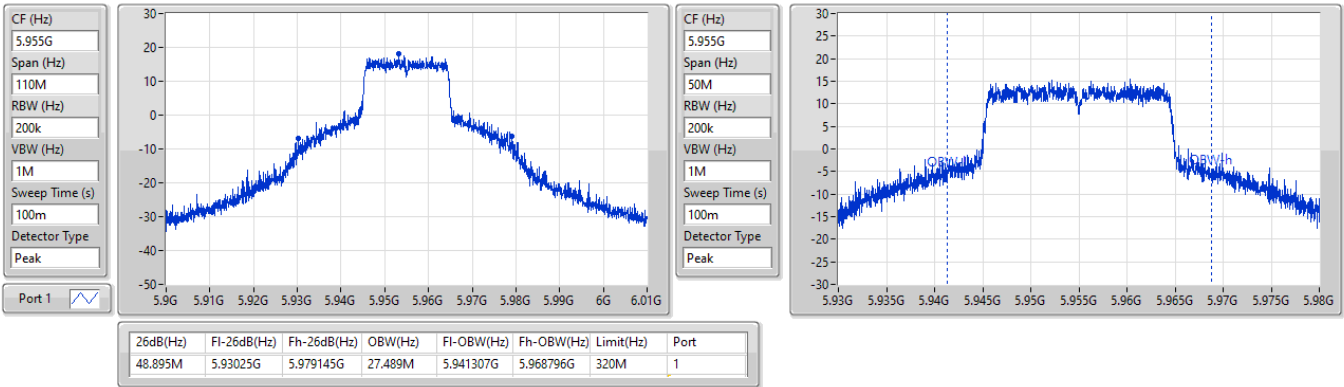
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	320M	48.895M	27.489M
6195MHz	Pass	320M	54.89M	36.851M
6415MHz	Pass	320M	45.265M	19.487M
6535MHz	Pass	320M	47.905M	19.704M
6695MHz	Pass	320M	61.985M	38.146M
6855MHz	Pass	320M	67.705M	38.483M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	320M	69.96M	38.116M
6205MHz	Pass	320M	108.57M	72.132M
6405MHz	Pass	320M	80.52M	38.782M
6565MHz	Pass	320M	114.84M	75.247M
6685MHz	Pass	320M	114.4M	73.974M
6845MHz	Pass	320M	98.23M	59.534M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	320M	97.46M	77.646M
6225MHz	Pass	320M	229.24M	145.37M
6385MHz	Pass	320M	178.64M	78.945M
6625MHz	Pass	320M	257.84M	151.023M
6705MHz	Pass	320M	266.2M	153.168M
6785MHz	Pass	320M	267.08M	152.018M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	320M	294.36M	157.304M
6185MHz	Pass	320M	311.08M	158.108M
6345MHz	Pass	320M	315.92M	157.802M
6665MHz	Pass	320M	318.56M	159.069M

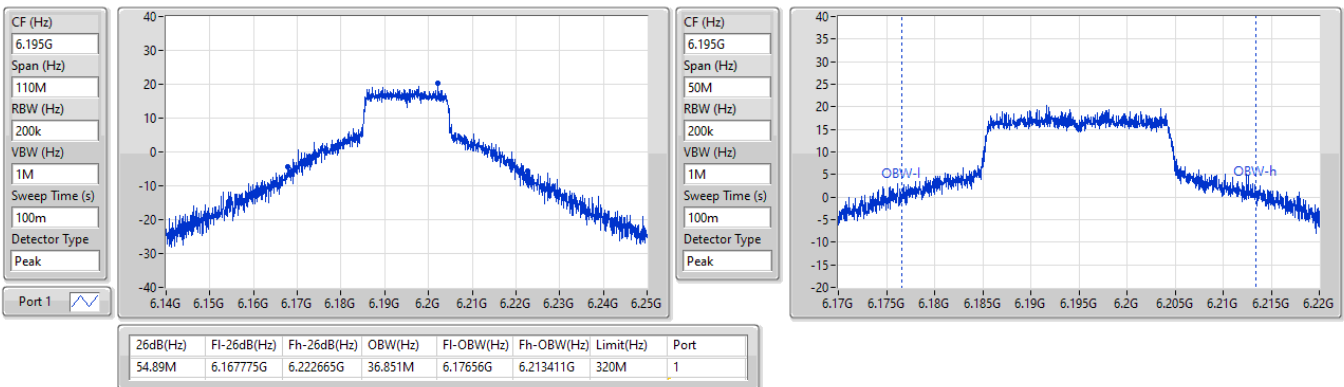
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

22/12/2025

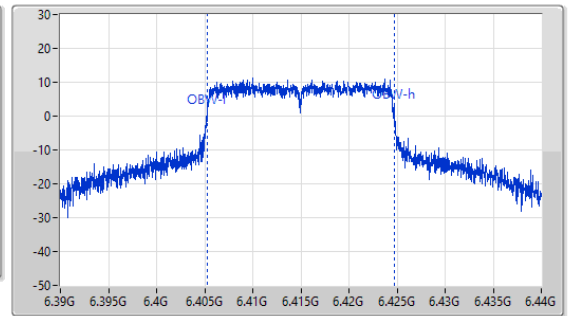
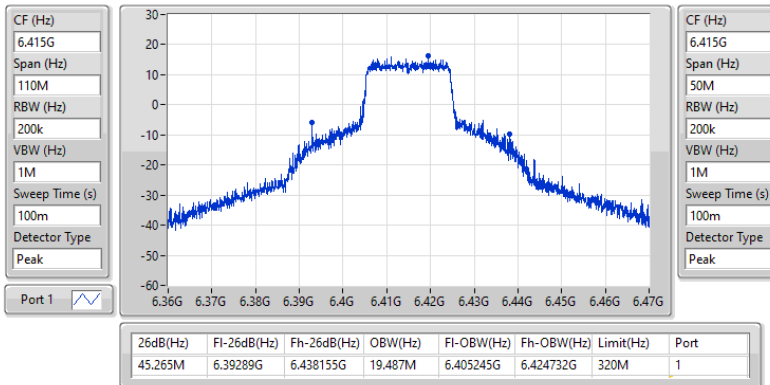

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

22/12/2025

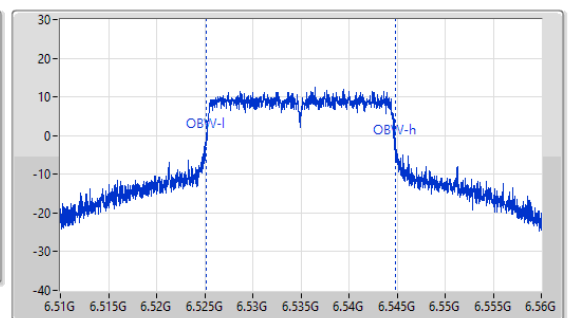
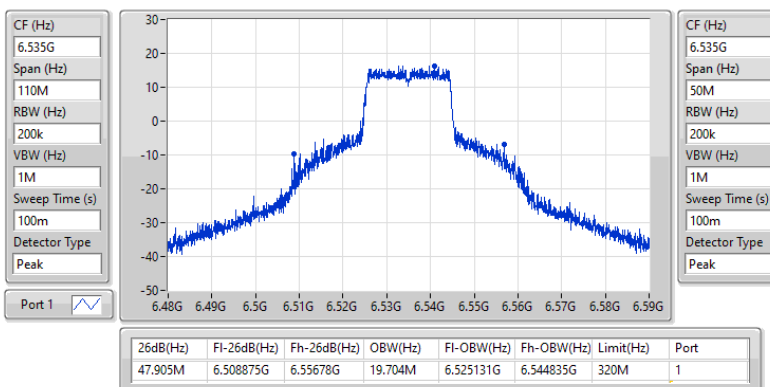


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

22/12/2025

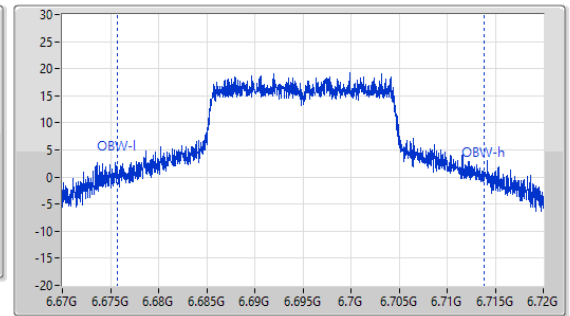
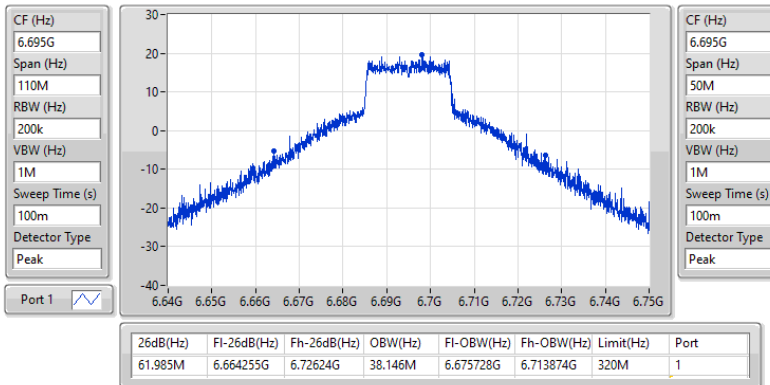

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

22/12/2025

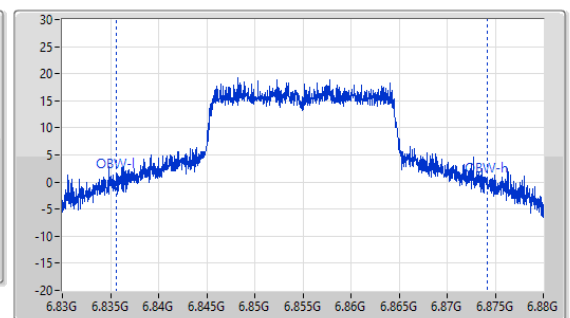
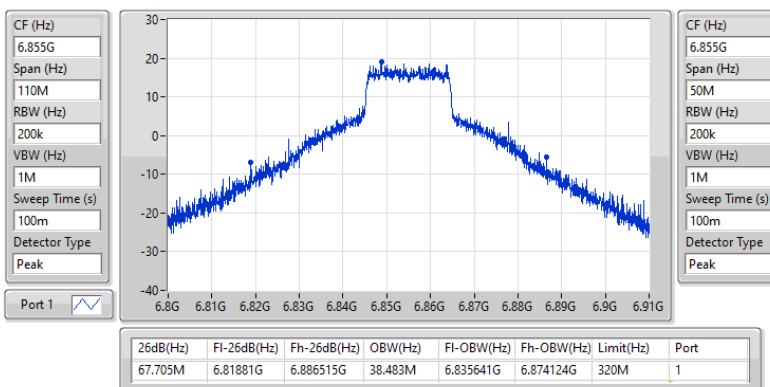


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6695MHz

22/12/2025

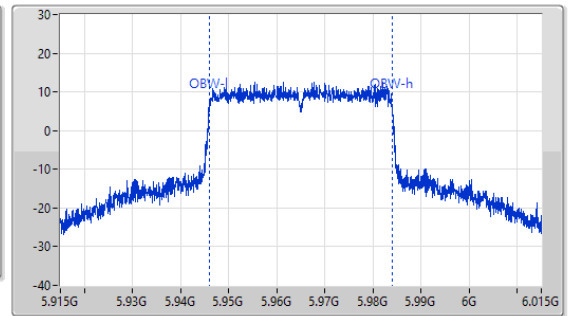
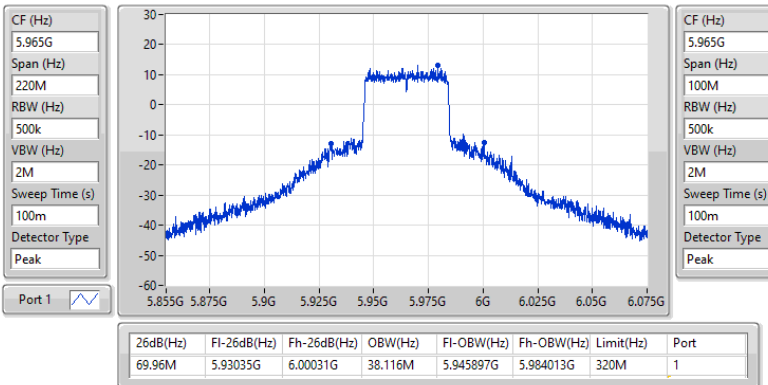

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6855MHz

22/12/2025

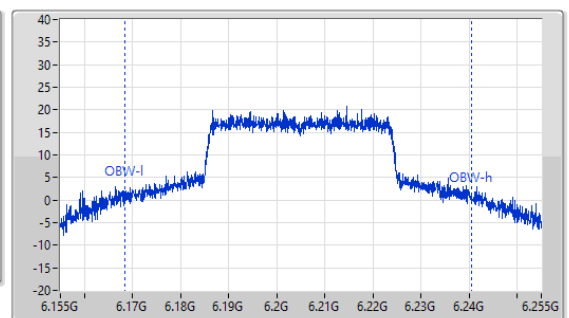
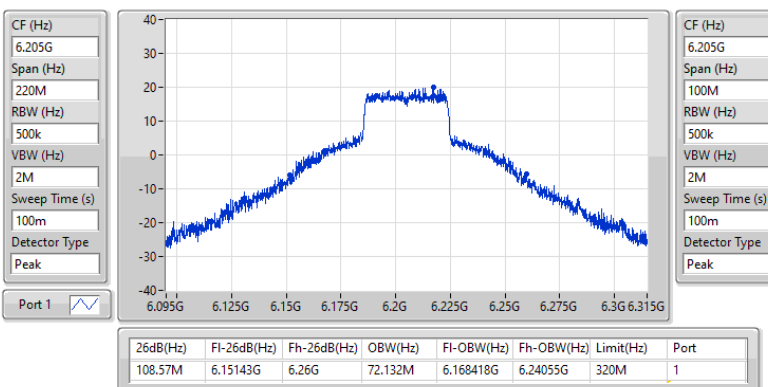


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5965MHz

22/12/2025

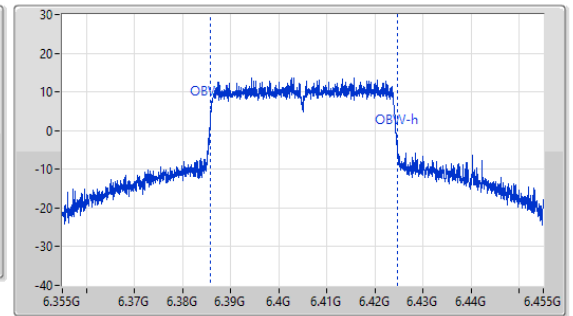
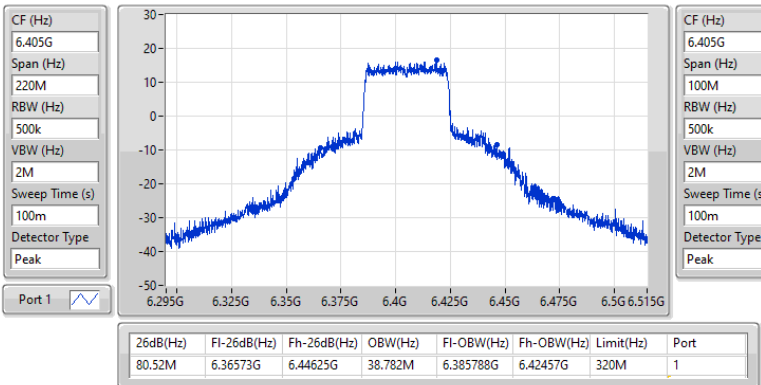

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6205MHz

22/12/2025

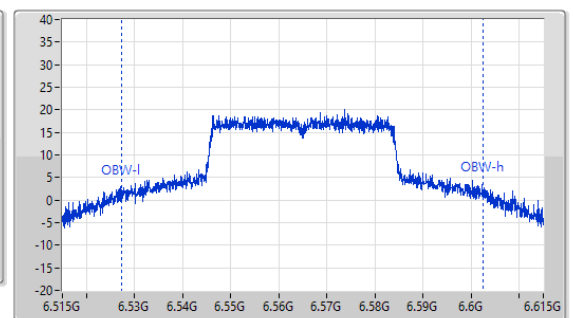
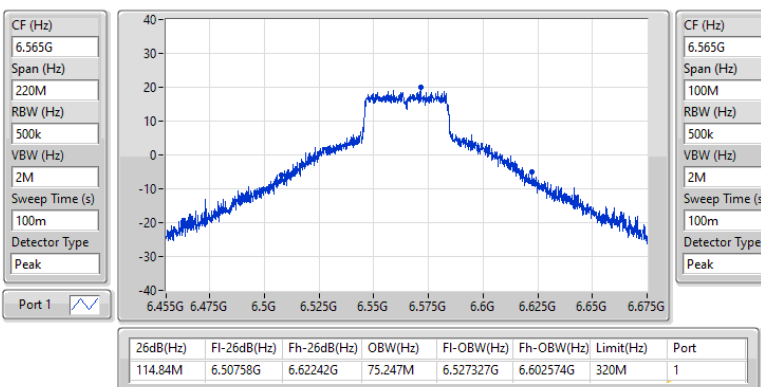


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6405MHz

22/12/2025

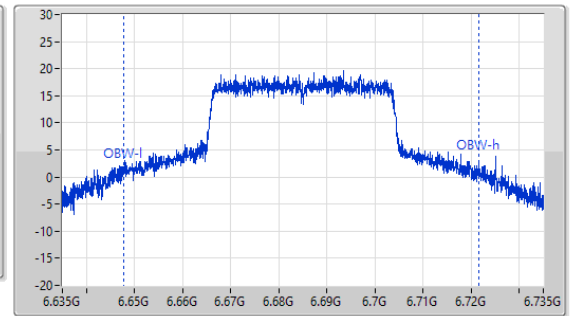
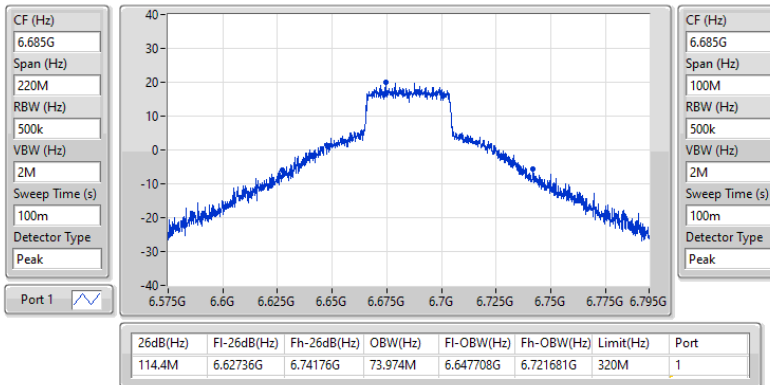

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6565MHz

22/12/2025

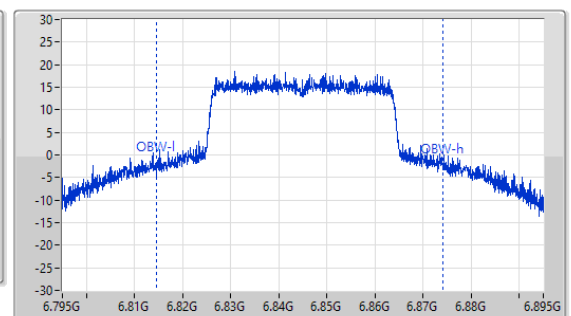
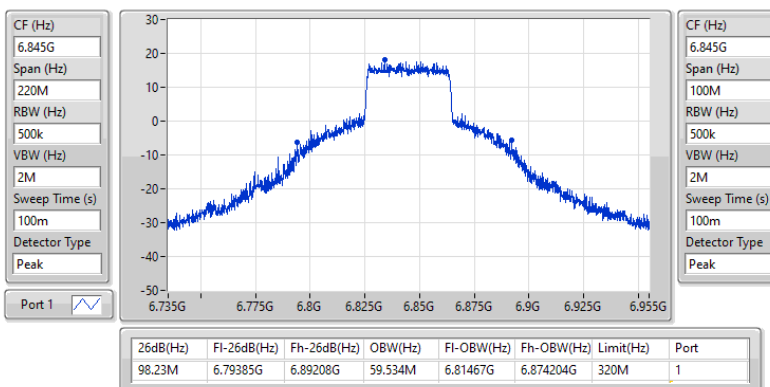


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

22/12/2025

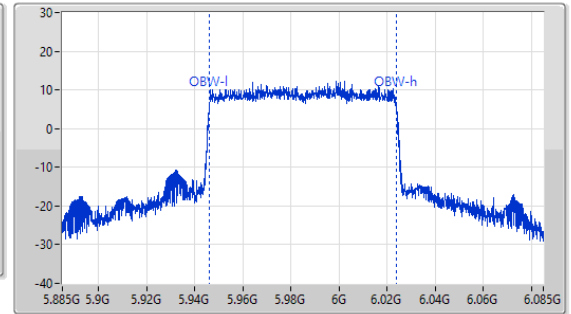
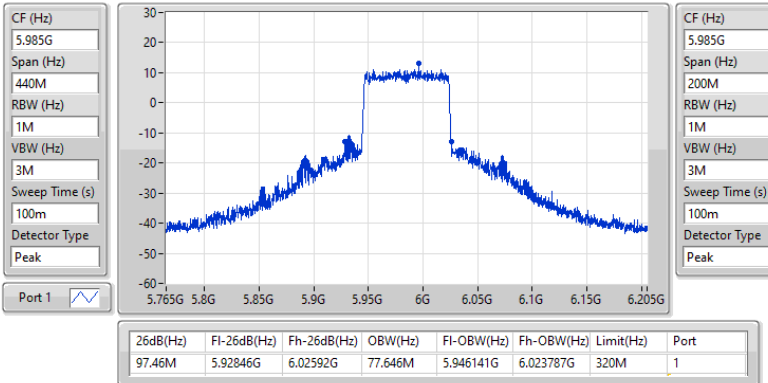

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6845MHz

22/12/2025

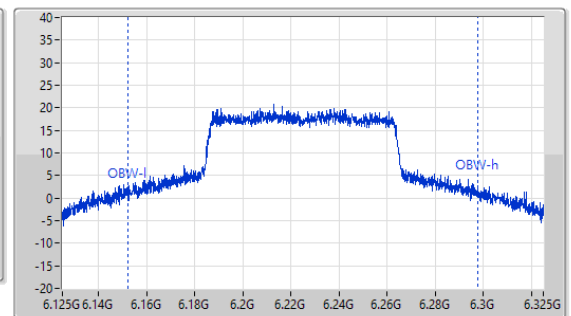
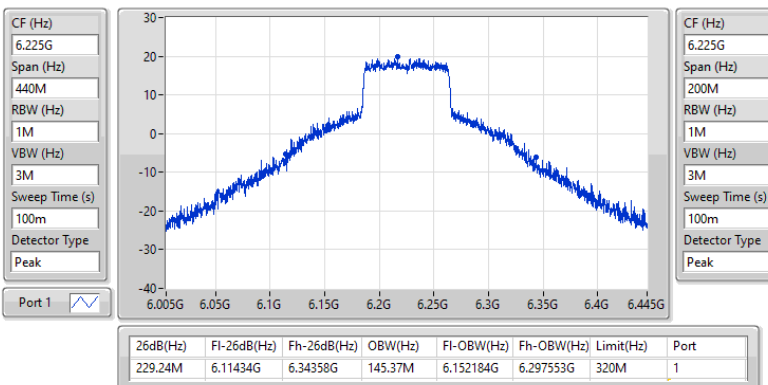


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5985MHz

22/12/2025

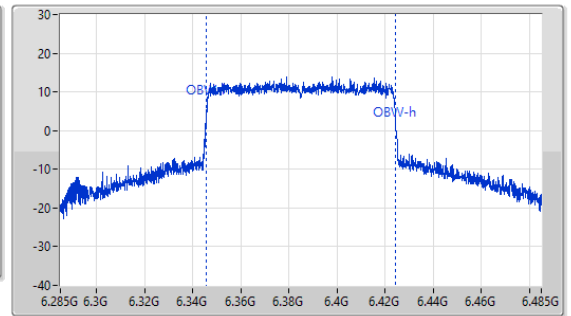
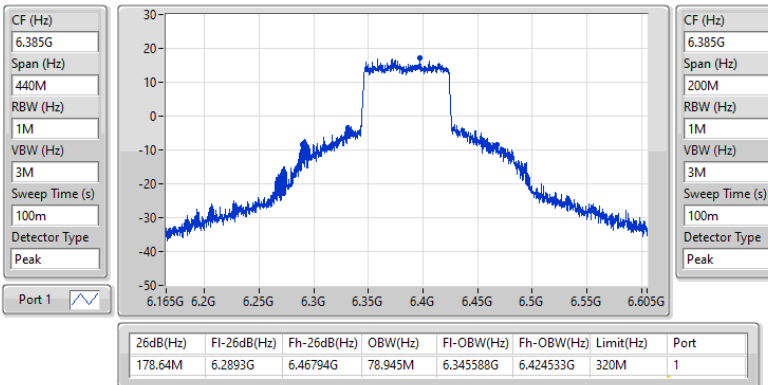

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6225MHz

22/12/2025

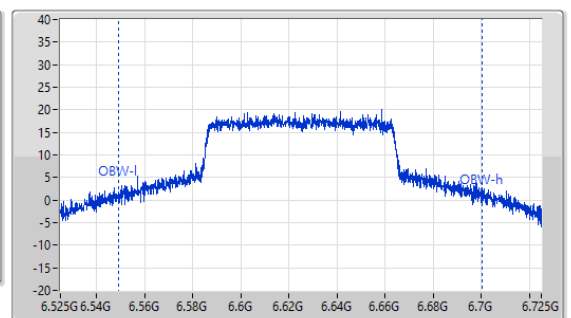
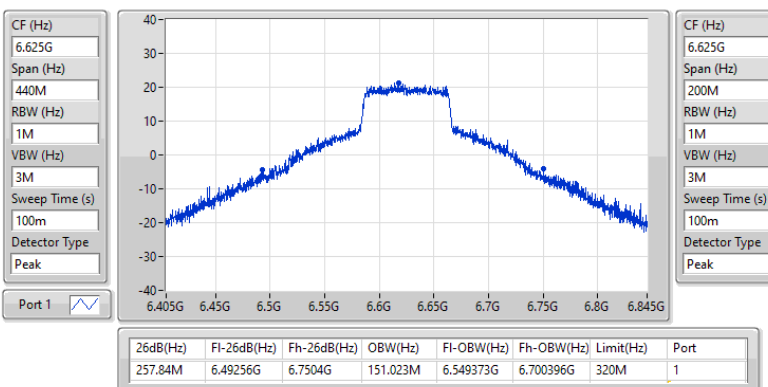


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6385MHz

22/12/2025

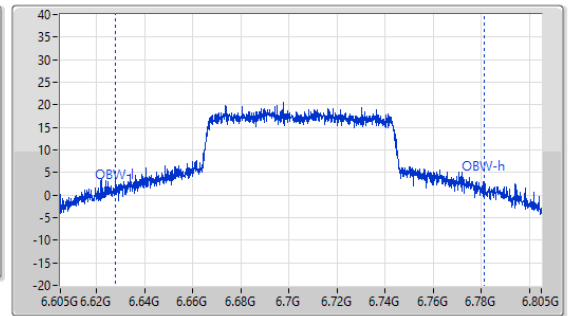
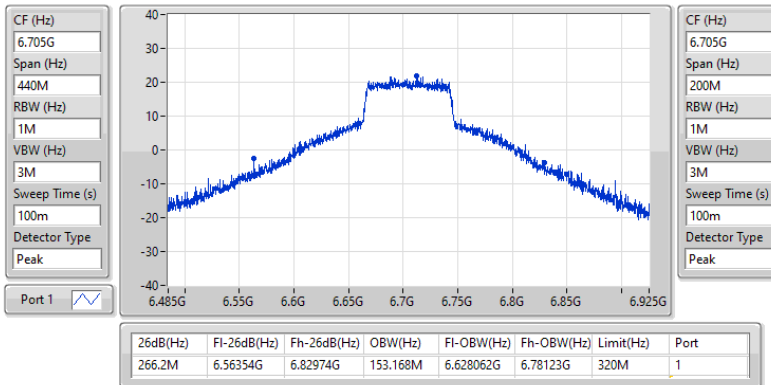

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6625MHz

22/12/2025

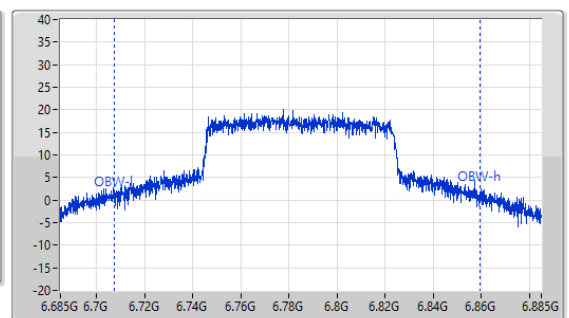
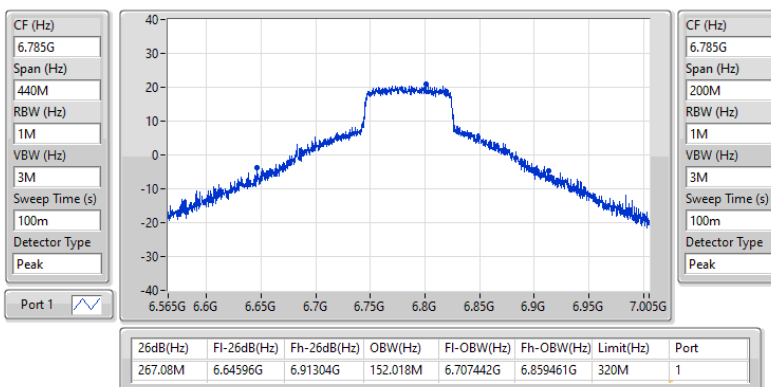


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6705MHz

22/12/2025

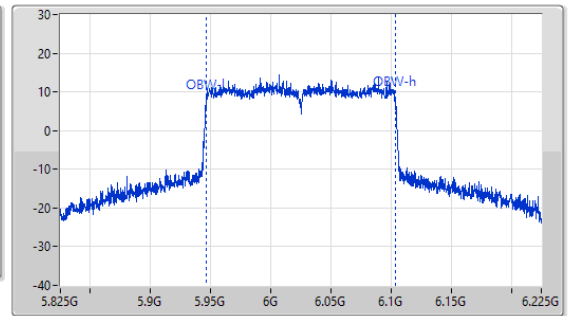
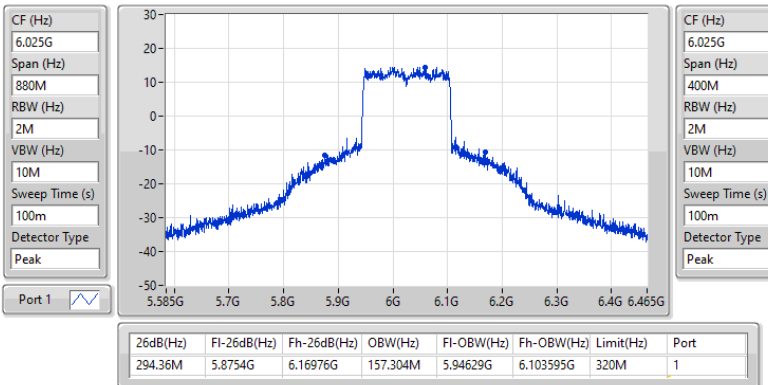

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6785MHz

22/12/2025

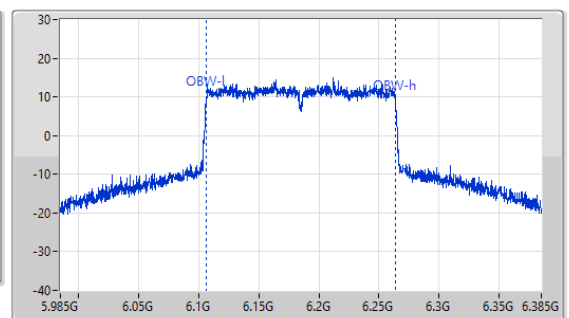
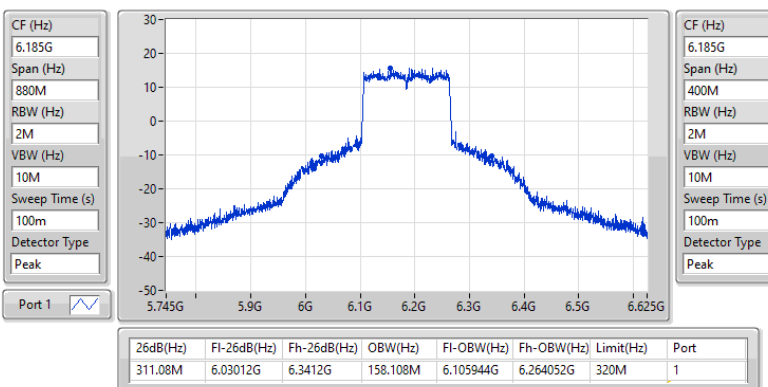


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6025MHz

22/12/2025

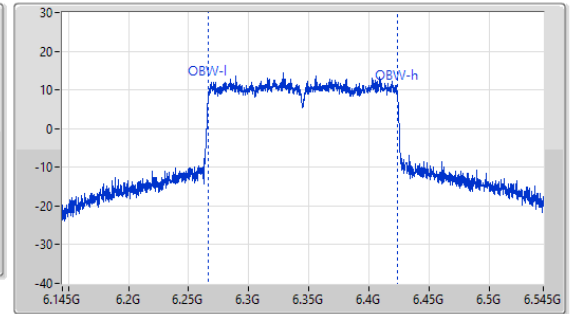
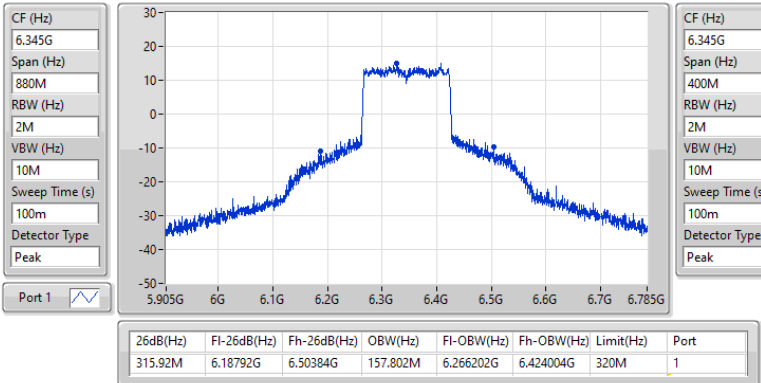

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6185MHz

22/12/2025

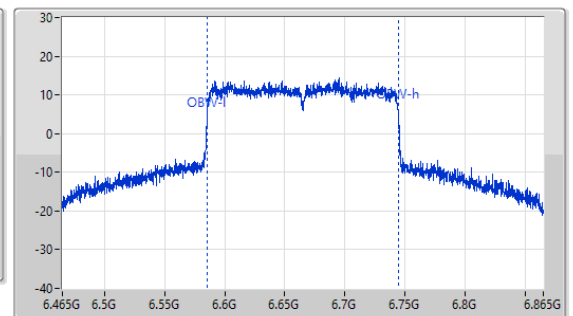
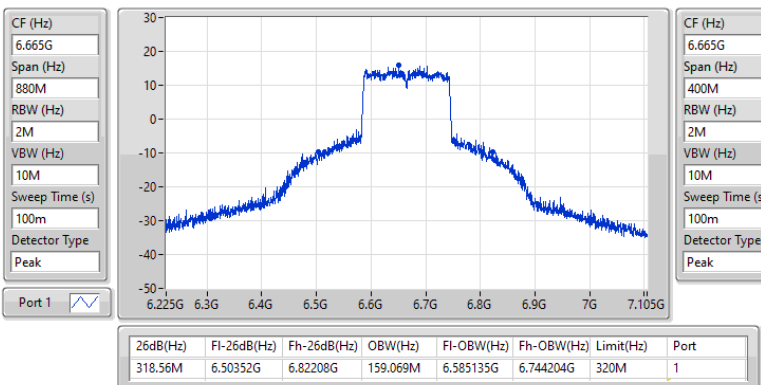


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6345MHz

22/12/2025


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

22/12/2025



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	35.75M	19.34M	19M3D1D	21.505M	19.115M
802.11be EHT40_Nss1,(MCS0)_4TX	94.6M	40.93M	40M9D1D	40.48M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX	191.18M	84.058M	84M1D1D	82.28M	77.261M
802.11be EHT160_Nss1,(MCS0)_4TX	287.32M	157.721M	158MD1D	168.08M	156.122M
802.11be EHT320_Nss1,(MCS0)_4TX	513.92M	319.84M	320MD1D	326.48M	315.042M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	33.55M	19.24M	19M2D1D	21.45M	19.115M
802.11be EHT40_Nss1,(MCS0)_4TX	94.16M	43.478M	43M5D1D	61.49M	38.081M
802.11be EHT80_Nss1,(MCS0)_4TX	191.62M	82.459M	82M5D1D	132.88M	77.861M
802.11be EHT160_Nss1,(MCS0)_4TX	200.2M	156.922M	157MD1D	168.52M	156.522M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

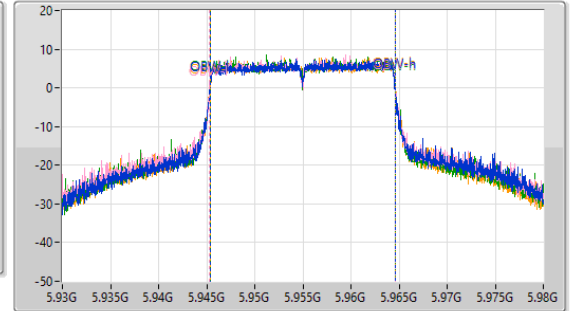
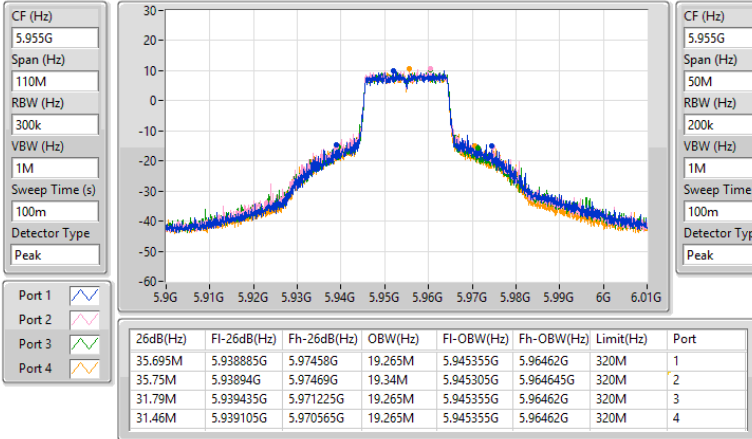
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	35.695M	19.265M	35.75M	19.34M	31.79M	19.265M	31.46M	19.265M
6195MHz	Pass	320M	30.25M	19.24M	28.27M	19.215M	21.505M	19.14M	22.55M	19.19M
6415MHz	Pass	320M	23.375M	19.165M	21.78M	19.115M	21.945M	19.14M	22.33M	19.115M
6535MHz	Pass	320M	22.55M	19.19M	22.44M	19.165M	21.78M	19.165M	21.45M	19.14M
6695MHz	Pass	320M	24.475M	19.165M	24.365M	19.115M	21.67M	19.19M	22.055M	19.115M
6855MHz	Pass	320M	33.55M	19.24M	27.17M	19.165M	22.275M	19.165M	23.265M	19.165M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	44.55M	37.781M	40.7M	37.831M	40.81M	37.781M	40.48M	37.781M
6205MHz	Pass	320M	88.77M	40.93M	94.6M	39.03M	79.31M	38.181M	80.3M	38.231M
6405MHz	Pass	320M	69.96M	38.231M	71.83M	38.231M	55.66M	38.031M	55.99M	37.931M
6565MHz	Pass	320M	86.02M	38.731M	78.43M	38.081M	80.08M	38.131M	61.49M	38.081M
6685MHz	Pass	320M	92.4M	42.329M	78.98M	38.231M	73.81M	38.231M	61.6M	38.081M
6845MHz	Pass	320M	91.41M	43.478M	82.17M	38.431M	93.72M	38.631M	94.16M	38.431M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	82.28M	77.261M	82.94M	77.461M	82.94M	77.361M	83.16M	77.361M
6225MHz	Pass	320M	191.18M	84.058M	180.84M	78.861M	132.22M	77.861M	141.02M	77.861M
6385MHz	Pass	320M	179.74M	78.261M	174.46M	77.961M	116.82M	77.661M	106.26M	77.661M
6625MHz	Pass	320M	182.16M	81.659M	173.36M	78.461M	159.06M	77.961M	139.26M	78.161M
6705MHz	Pass	320M	191.62M	82.459M	160.6M	77.961M	132.88M	77.861M	143M	78.061M
6785MHz	Pass	320M	187.66M	79.36M	189.2M	78.961M	162.36M	78.161M	156.86M	78.361M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	168.08M	156.122M	169.4M	156.522M	168.52M	156.322M	172.48M	156.722M
6185MHz	Pass	320M	210.32M	156.922M	196.68M	157.121M	169.4M	156.922M	193.6M	156.922M
6345MHz	Pass	320M	287.32M	157.721M	196.68M	156.922M	188.32M	156.722M	197.12M	156.922M
6665MHz	Pass	320M	200.2M	156.922M	175.56M	156.922M	168.52M	156.522M	175.56M	156.522M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	343.2M	315.442M	353.76M	315.842M	326.48M	315.042M	344.08M	315.442M
6265MHz	Pass	320M	513.92M	318.641M	486.64M	319.84M	484.88M	317.841M	463.76M	317.841M

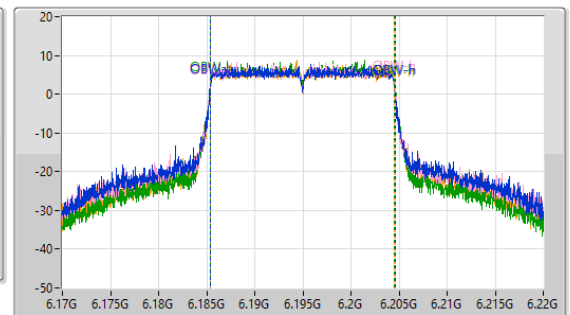
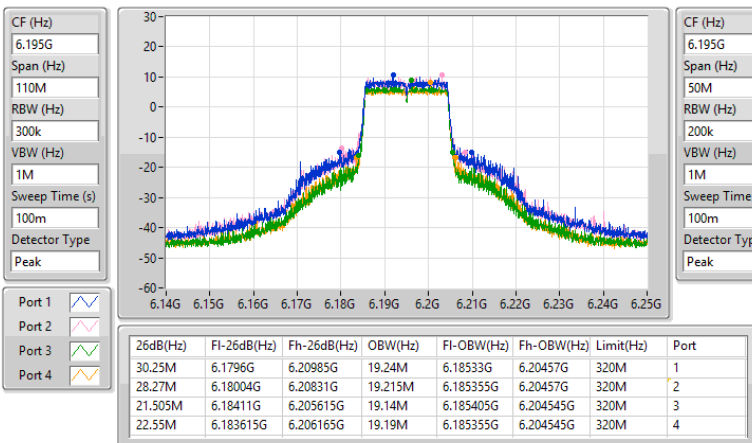
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

17/12/2025

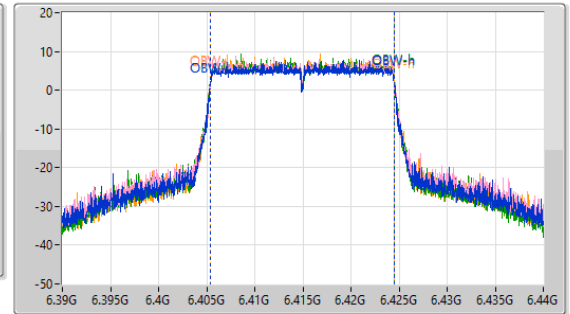
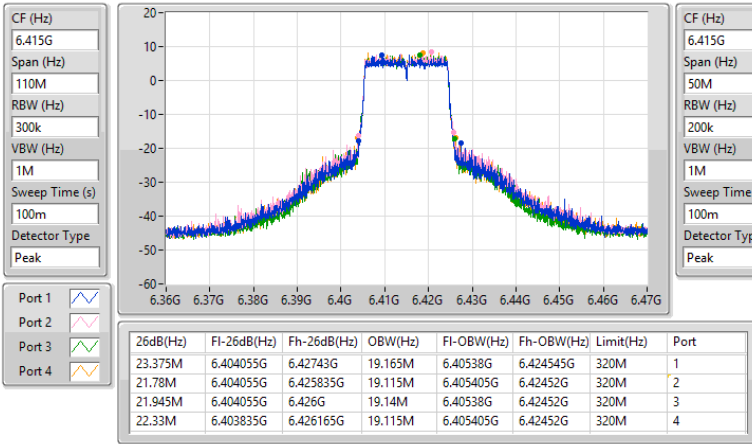

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6195MHz

17/12/2025

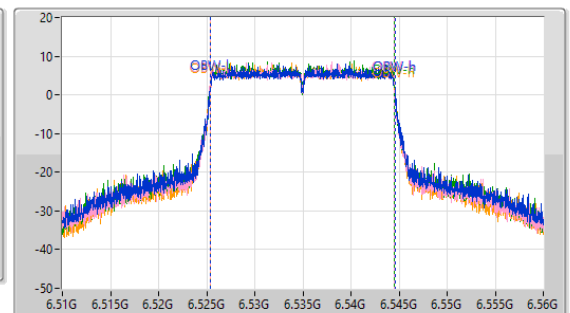
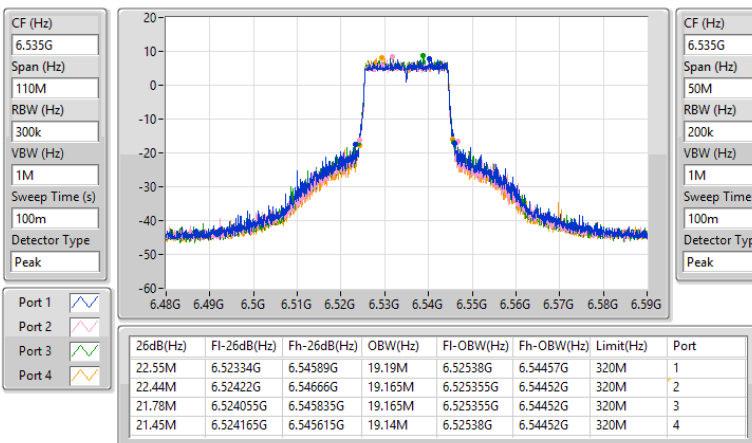


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

17/12/2025

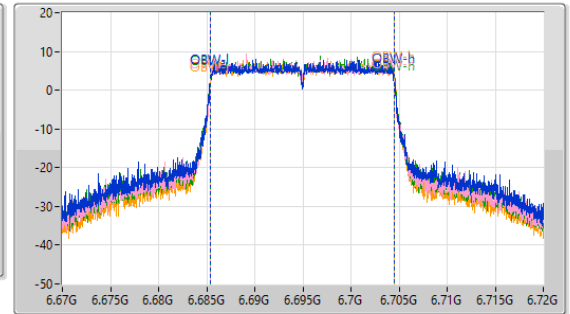
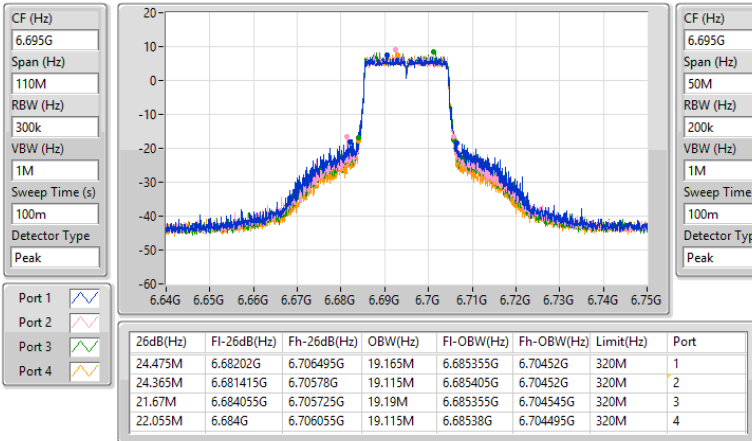

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

17/12/2025

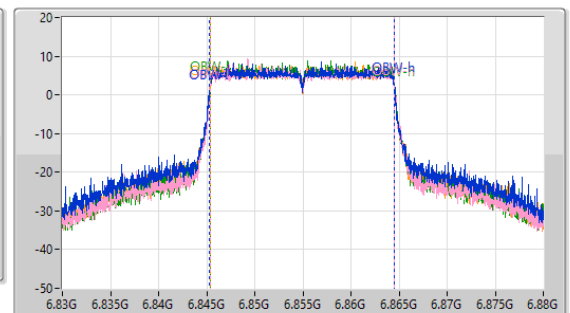
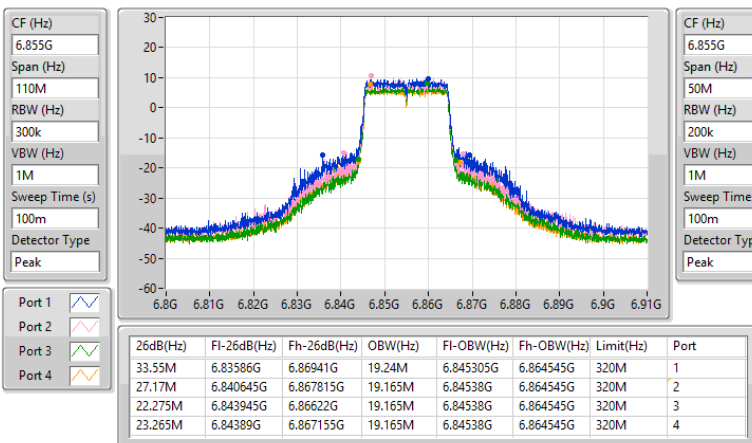


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6695MHz

17/12/2025

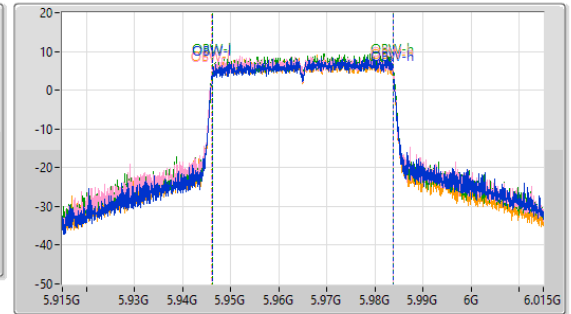
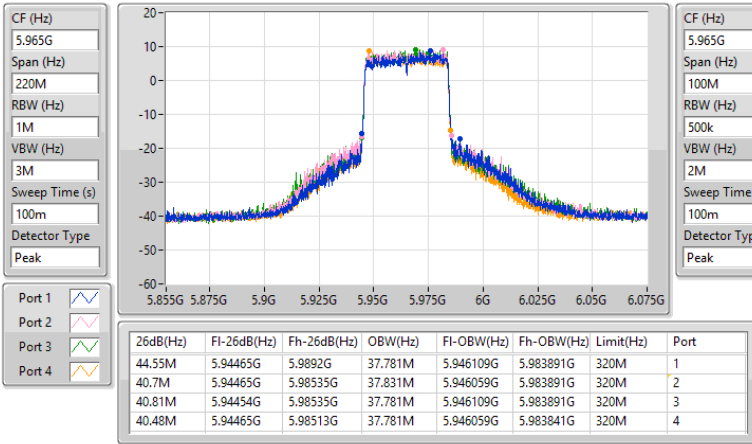

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6855MHz

17/12/2025

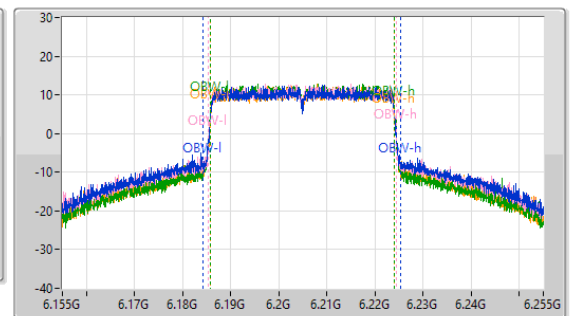
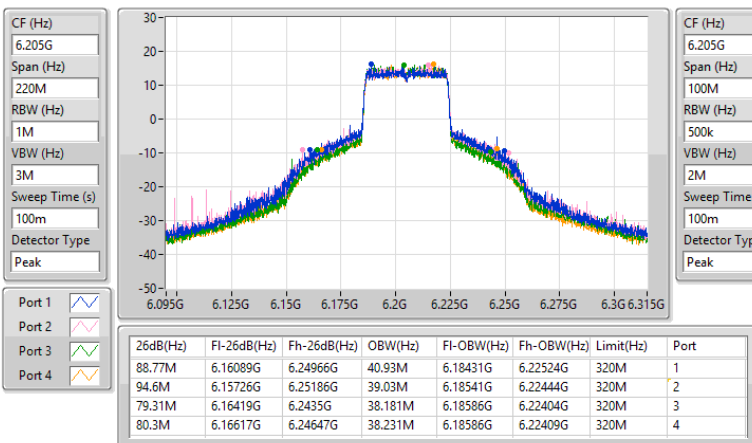


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5965MHz

17/12/2025

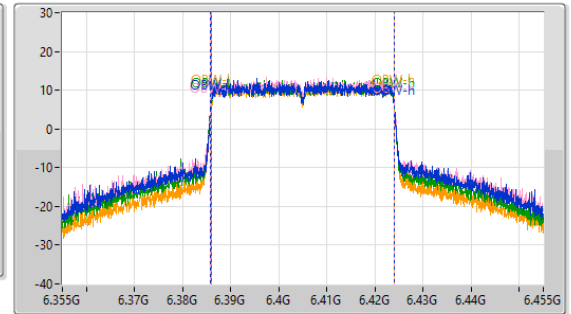
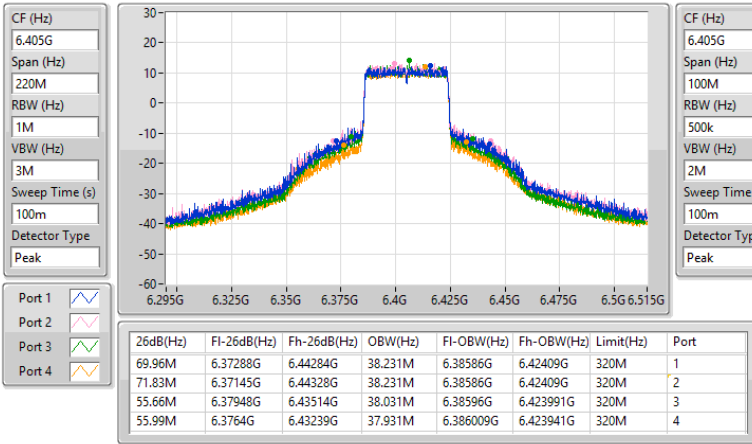

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

17/12/2025

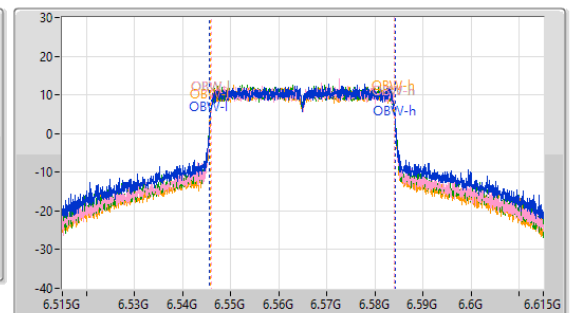
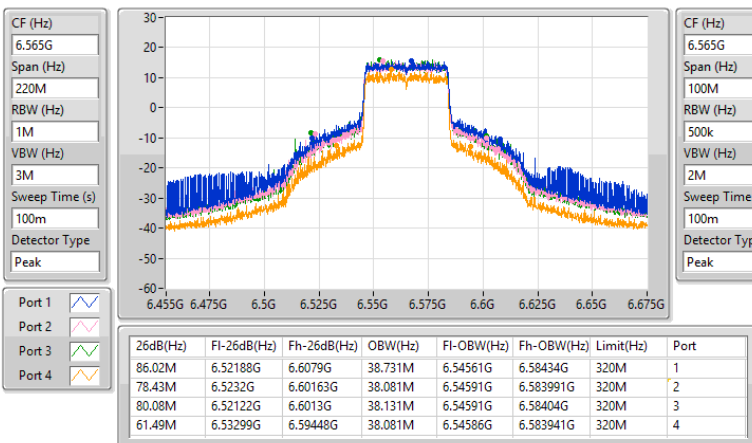


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6405MHz

17/12/2025

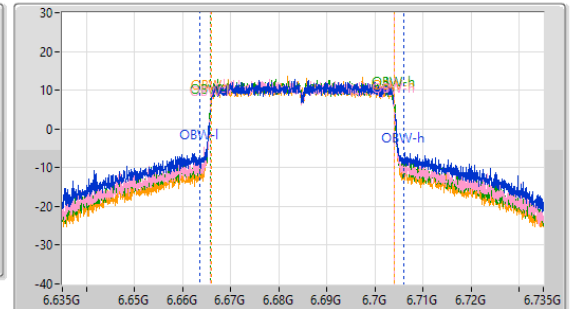
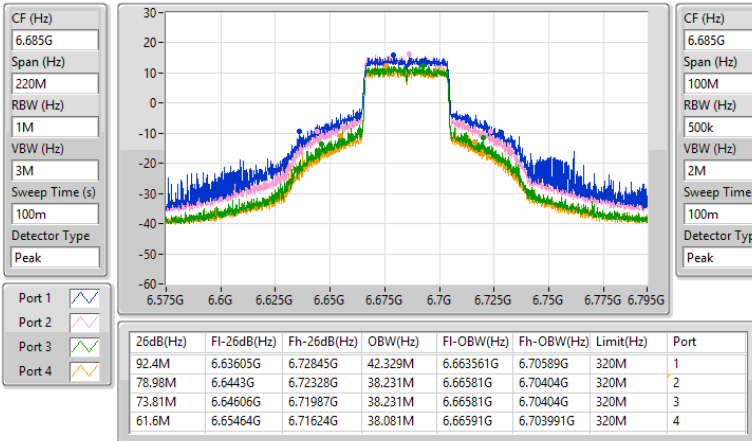

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6565MHz

17/12/2025

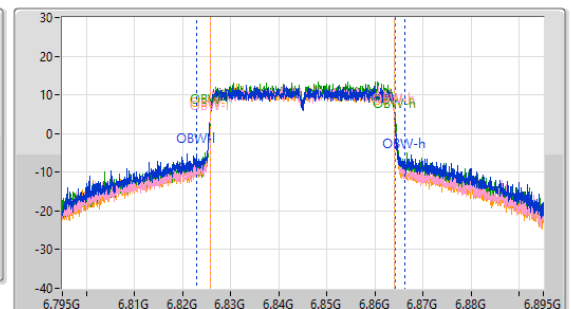
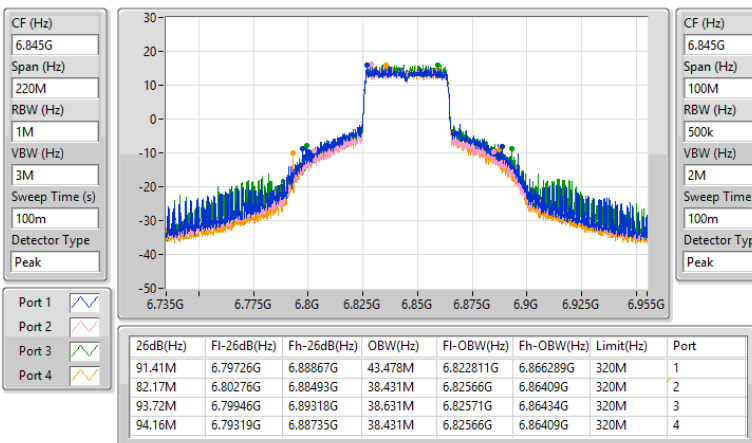


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

17/12/2025

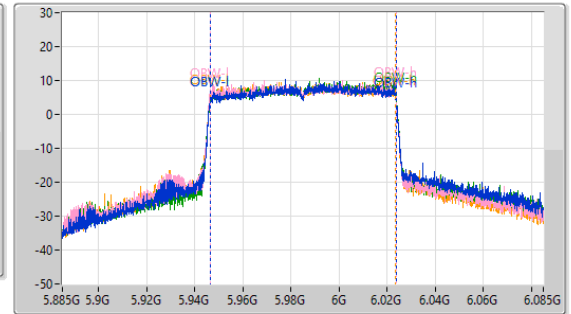
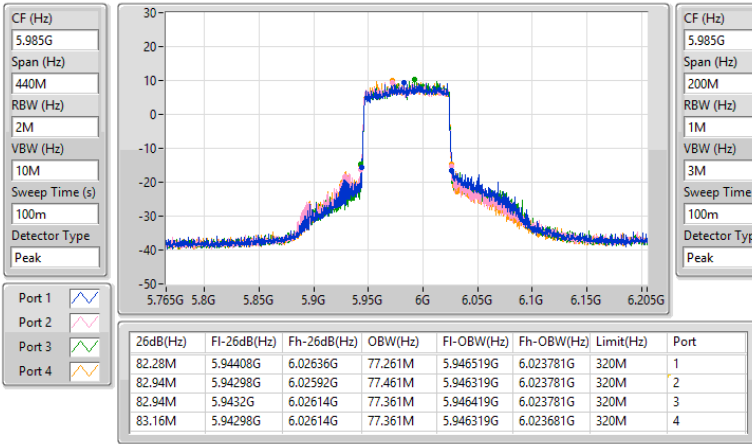

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6845MHz

17/12/2025

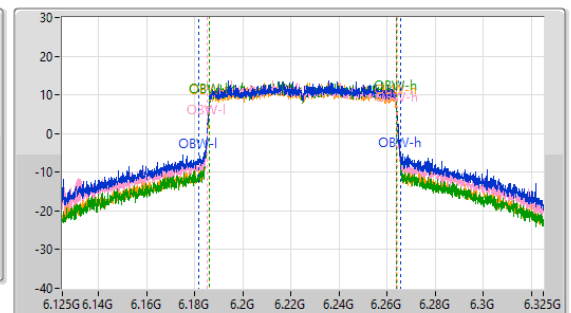
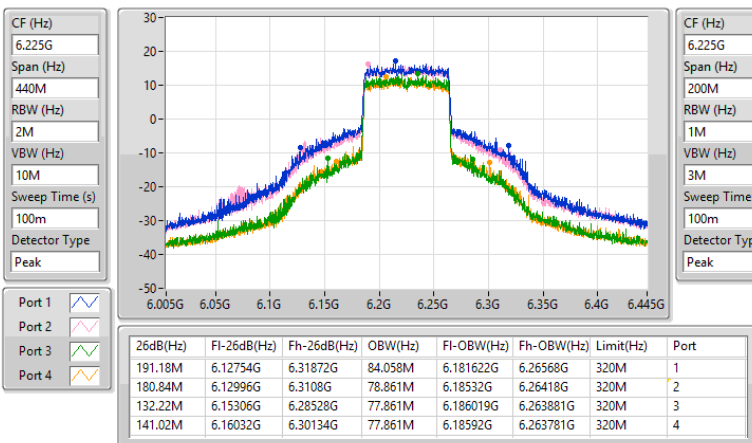


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5985MHz

17/12/2025

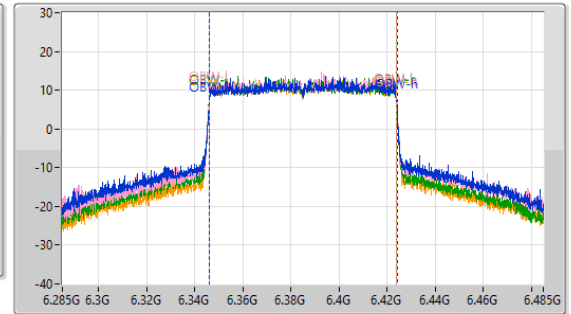
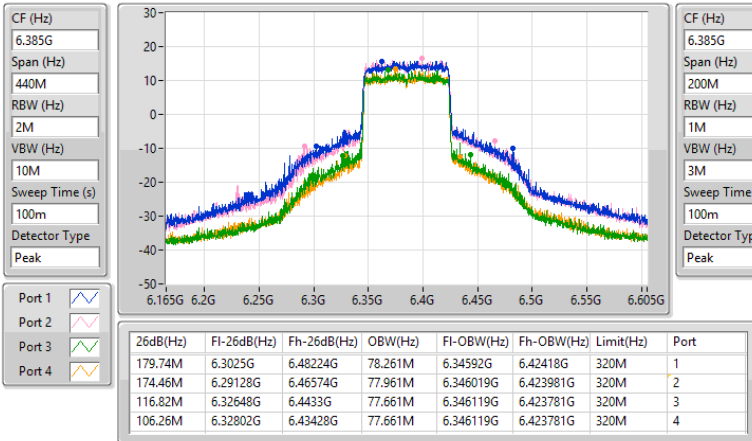

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6225MHz

17/12/2025

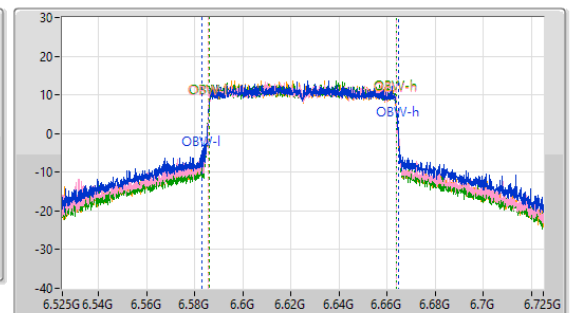
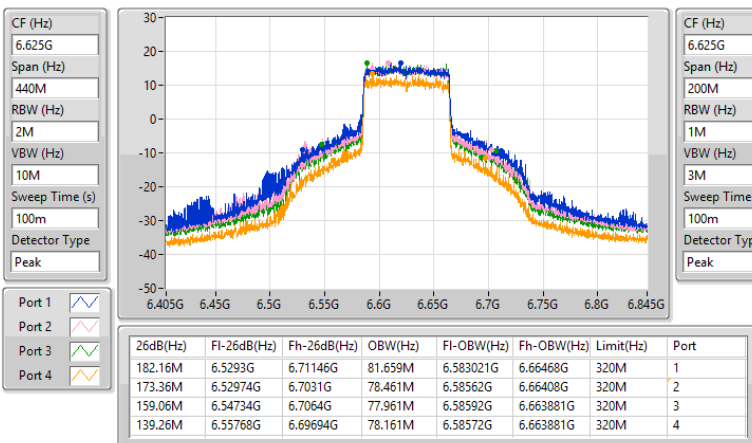


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6385MHz

17/12/2025


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

17/12/2025

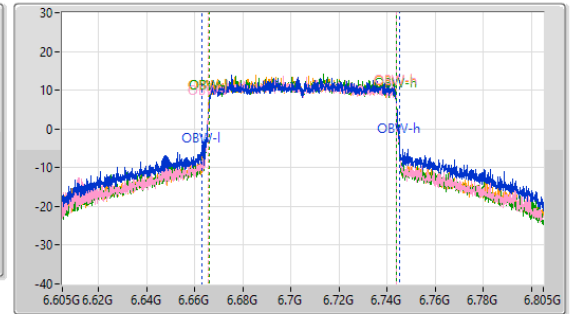
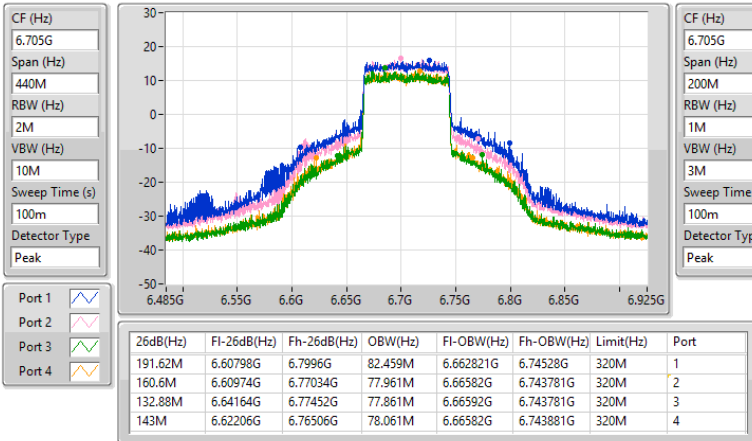


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

17/12/2025

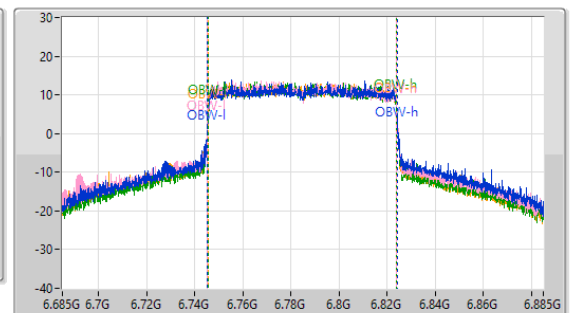
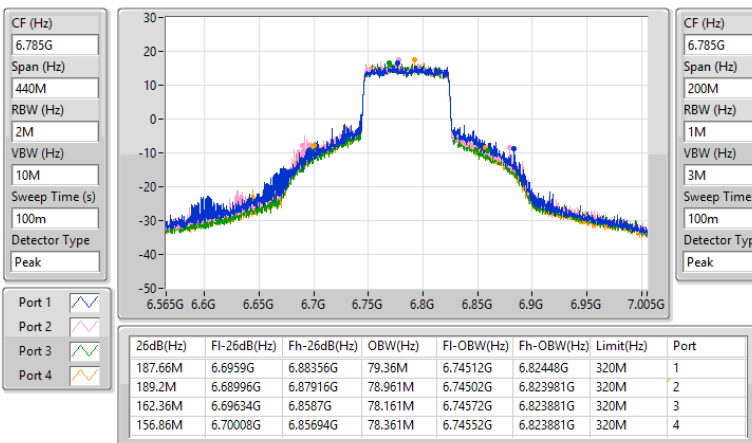


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

17/12/2025

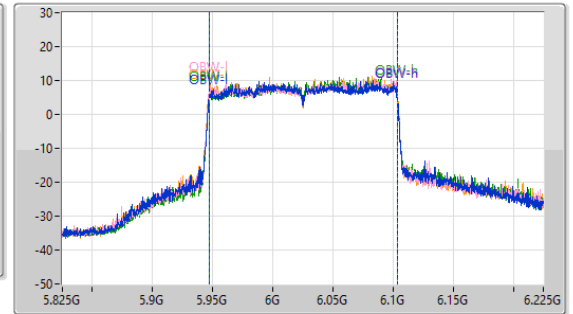
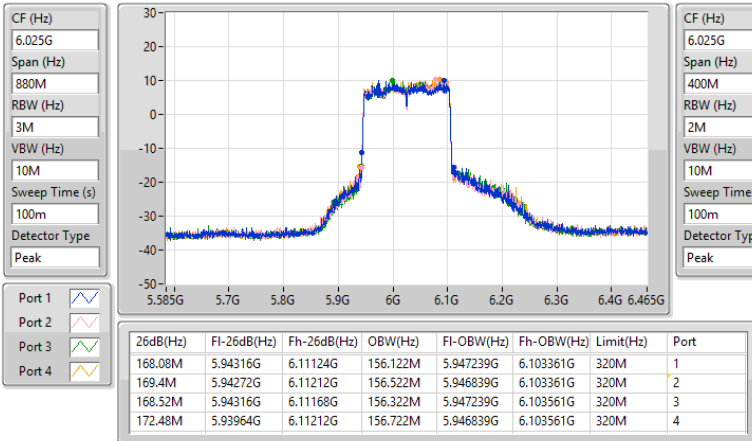


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

17/12/2025

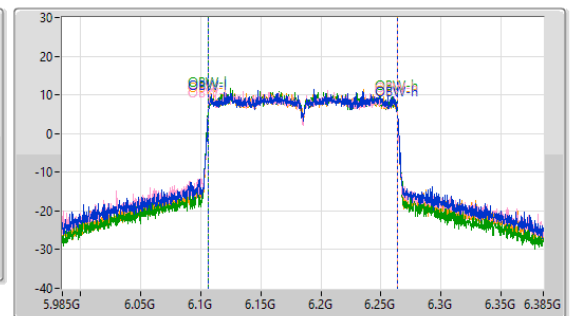
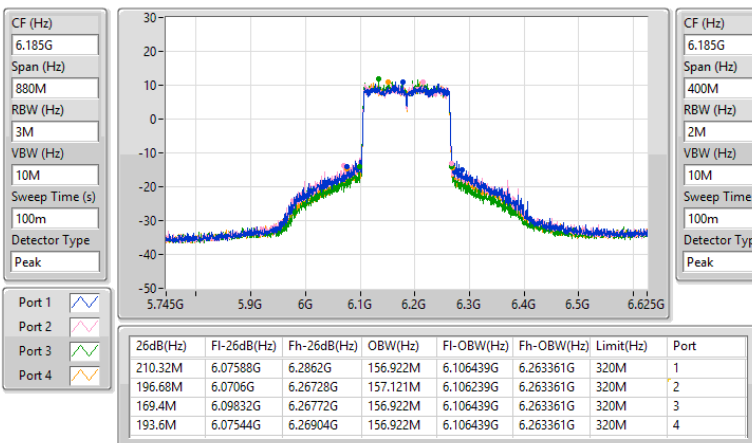


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

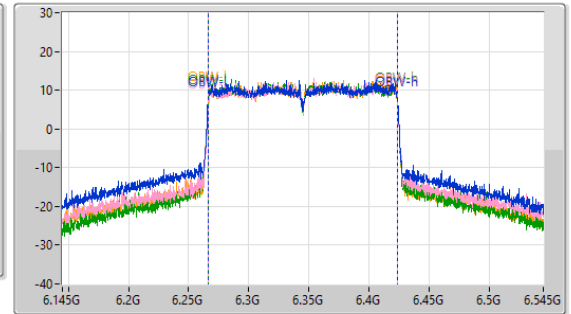
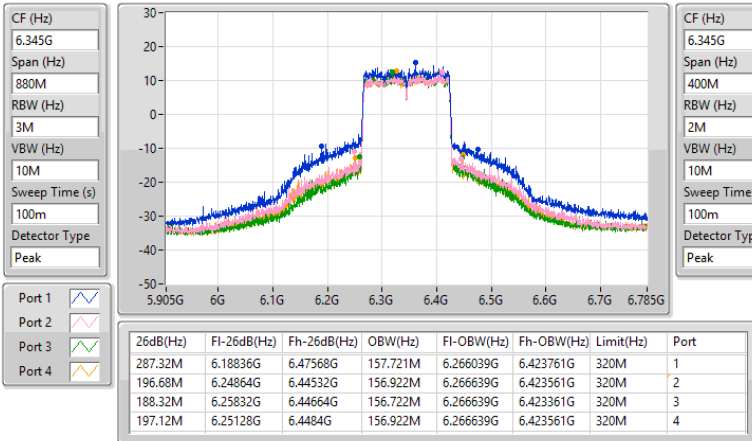
6185MHz

17/12/2025



5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6345MHz

17/12/2025


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

17/12/2025

