



RADIO TEST REPORT

FCC ID : MSQ-RTBE8H00
Equipment : ROG STRIX WiFi 7 Tri-Band Gaming Router
Brand Name : ASUS
Model Name : GS-BE18000, GS-BE12000
Applicant : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 06, 2025, and testing was started from Feb. 06, 2025 and completed on Feb. 27, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this 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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History of this test report

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

Page Number : 3 of 36
Issued Date : Mar. 24, 2025
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.3	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-
3.5	15.407(d)	Contention-Based Protocol	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

For Indoor Access Point / Subordinate:

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

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

**For Standard Power Access Point:**

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

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11a	20	4TX
5.925-6.425GHz	802.11ax HEW20	20	4TX
5.925-6.425GHz	802.11ax HEW20-BF	20	4TX
5.925-6.425GHz	802.11be EHT20	20	4TX
5.925-6.425GHz	802.11be EHT20-BF	20	4TX
5.925-6.425GHz	802.11ax HEW40	40	4TX
5.925-6.425GHz	802.11ax HEW40-BF	40	4TX
5.925-6.425GHz	802.11be EHT40	40	4TX
5.925-6.425GHz	802.11be EHT40-BF	40	4TX
5.925-6.425GHz	802.11ax HEW80	80	4TX
5.925-6.425GHz	802.11ax HEW80-BF	80	4TX
5.925-6.425GHz	802.11be EHT80	80	4TX
5.925-6.425GHz	802.11be EHT80-BF	80	4TX
5.925-6.425GHz	802.11ax HEW160	160	4TX
5.925-6.425GHz	802.11ax HEW160-BF	160	4TX
5.925-6.425GHz	802.11be EHT160	160	4TX
5.925-6.425GHz	802.11be EHT160-BF	160	4TX
5.925-6.425GHz	802.11be EHT320	320	4TX
5.925-6.425GHz	802.11be EHT320-BF	320	4TX
6.525-6.875GHz	802.11a	20	4TX
6.525-6.875GHz	802.11ax HEW20	20	4TX
6.525-6.875GHz	802.11ax HEW20-BF	20	4TX
6.525-6.875GHz	802.11be EHT20	20	4TX
6.525-6.875GHz	802.11be EHT20-BF	20	4TX
6.525-6.875GHz	802.11ax HEW40	40	4TX
6.525-6.875GHz	802.11ax HEW40-BF	40	4TX



Band	Mode	BWch (MHz)	Nant
6.525-6.875GHz	802.11be EHT40	40	4TX
6.525-6.875GHz	802.11be EHT40-BF	40	4TX
6.525-6.875GHz	802.11ax HEW80	80	4TX
6.525-6.875GHz	802.11ax HEW80-BF	80	4TX
6.525-6.875GHz	802.11be EHT80	80	4TX
6.525-6.875GHz	802.11be EHT80-BF	80	4TX
6.525-6.875GHz	802.11ax HEW160	160	4TX
6.525-6.875GHz	802.11ax HEW160-BF	160	4TX
6.525-6.875GHz	802.11be EHT160	160	4TX
6.525-6.875GHz	802.11be EHT160-BF	160	4TX
6.525-6.875GHz	802.11be EHT320	320	4TX
6.525-6.875GHz	802.11be EHT320-BF	320	4TX

Note:

- ♦ 11a use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 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 Antenna Information**

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	6GHz					
1	1	1	-	LYNwave	MLX24X-121AA0-A	PCB Antenna	I-PEX	Note 1
2	2	2	-	LYNwave	MLX24X-121AA0-A	PCB Antenna	I-PEX	
3	-	-	4	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
4	-	-	2	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
5	-	3	-	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
6	-	4	-	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
7	-	-	1	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
8	-	-	3	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
1	2.87	4.03	4.06	3.8	2.74	-	-	-	-
2	2.66	2.23	3.44	3.5	3.04	-	-	-	-
3	-	-	-	-	-	4.66	3.16	3.19	3.36
4	-	-	-	-	-	3.59	4.42	3.92	3.08
5	-	4.56	5.15	4.91	4.77	-	-	-	-
6	-	2.04	2.49	3.65	3.25	-	-	-	-
7	-	-	-	-	-	4.57	4.78	4.74	3.82
8	-	-	-	-	-	4.65	3.94	4.11	4.32

Item	Directional Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
2T1S	5.38	-	-	-	-	-	-	-	-
2T2S	2.87	-	-	-	-	-	-	-	-
4T1S	-	5.4	5.57	5.43	4.91	6.77	6.44	6.79	5.87
4T2S	-	4.56	5.15	4.91	4.77	4.66	4.78	4.74	4.32
4T4S	-	4.56	5.15	4.91	4.77	4.66	4.78	4.74	4.32

Note 2: Maximum Directional Gain following KDB662911 D03.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 5GHz function:**For IEEE 802.11n/ac/ax/be mode (4TX/4RX):**

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

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

For WLAN 6GHz function:**For IEEE 802.11ax/be mode (4TX/4RX):**

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

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



1.1.3 Mode Test Duty Cycle

For Indoor Access Point:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss 1,(6D)	0.989	0.05	3.009m	10Hz (DC $\geq$ 0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.988	0.05	2.866m	10Hz (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss 1,(M0)	0.989	0.05	2.848m	10Hz (DC $\geq$ 0.98)
802.11be EHT80-BF_Nss 1,(M0)	0.989	0.05	2.843m	10Hz (DC $\geq$ 0.98)
802.11be EHT160-BF_Nss 1,(M0)	0.989	0.05	2.843m	10Hz (DC $\geq$ 0.98)
802.11be EHT320-BF_Nss 1,(M0)	0.989	0.05	2.846m	10Hz (DC $\geq$ 0.98)
802.11be EHT20-BF_Nss 2,(M0)	0.988	0.05	2.851m	10Hz (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss 2,(M0)	0.989	0.05	2.846m	10Hz (DC $\geq$ 0.98)
802.11be EHT80-BF_Nss 2,(M0)	0.989	0.05	2.846m	10Hz (DC $\geq$ 0.98)
802.11be EHT160-BF_Nss 2,(M0)	0.989	0.05	2.846m	10Hz (DC $\geq$ 0.98)
802.11be EHT320-BF_Nss 2,(M0)	0.989	0.05	2.849m	10Hz (DC $\geq$ 0.98)

For Standard Power Access Point:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss 1,(6D)	0.95	0.22	2.069m	500
802.11be EHT20-BF_Nss 1,(M0)	0.98	0.09	1.5m	10Hz (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss 1,(M0)	0.963	0.16	784.375u	2k
802.11be EHT80-BF_Nss 1,(M0)	0.926	0.33	409.375u	3k
802.11be EHT160-BF_Nss 1,(M0)	0.881	0.55	240.625u	5k
802.11be EHT320-BF_Nss 1,(M0)	0.832	0.8	158.75u	10k
802.11be EHT20-BF_Nss 2,(M0)	0.96	0.18	787.813u	2k
802.11be EHT40-BF_Nss 2,(M0)	0.929	0.32	430u	3k
802.11be EHT80-BF_Nss 2,(M0)	0.885	0.53	247.813u	5k
802.11be EHT160-BF_Nss 2,(M0)	0.834	0.79	162.188u	10k
802.11be EHT320-BF_Nss 2,(M0)	0.794	1	121.25u	10k

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	From Power Adapter	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.	
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	
	☐ Supported Dynamic Puncturing (Reduce BW)	
	☒ Unsupported	
Support RU	☒ Full RU	☐ Partial RU
Test Software Version	For Non-beamforming mode: Mtool (3.3.0.9) For Beamforming mode: Tera Term V4.75	
Software / Firmware Version for CBP	3.0.0.6.102_37803-ga2dcc92_1207-g0fc42_BB0B	

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

EUT	Equipment Name	Model Name	Description
1	ROG STRIX WiFi 7 Tri-Band Gaming Router	GS-BE18000	The housing processing technique uses spray painting.
2		GS-BE12000	The housing processing technique uses a textured finish

Note 1: From the above models, model: GS-BE18000 (EUT 1) was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Support Function

Function	Supports Band
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note1: The USB port on this device supports both storage and WWAN functionality and EUT in WWAN mode, 2.5G WAN 8 ports will be fixed in LAN function.

Note2: The above information was declared by manufacturer.



1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: 510722

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

Modifications	Performance Checking
1. Adding 6GHz UNII 5~8 for this device.	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 5. Contention-Based Protocol
2. Adding UNII 2A and UNII 2C (5250~5350 MHz, 5470~5725 MHz) for this device. 3. Adding 160MHz in 5GHz for this device.	It does not affect the test.



1.2 Applicable Standards

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

47 CFR FCC Part 15.407

ANSI C63.10-2013

FCC KDB 789033 D02 v02r01

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

FCC KDB 987594 D02 v03

FCC KDB 662911 D03 v01

FCC KDB 412172 D01 v01r01

FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH01-CB	Ken Yeh	22.2~22.4 / 58~62	Feb. 08, 2025~ Feb. 27, 2025
Radiated (Below 1GHz)	03CH04-CB	Jackson Peng	22.7~23.8 / 58~60	Feb. 19, 2025
Radiated (Above 1GHz)	03CH03-CB	Jackson Peng	22.2~22.6 / 59~61	Feb. 06, 2025~ Feb. 19, 2025
RF Conducted (Contention-Based Protocol test)	DF01-CB	Rj Huang	21.7~23.2 / 57~60	Feb. 12, 2025

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

For Indoor Access Point:

Mode
802.11a_Nss1,(6Mbps)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5985MHz
6225MHz



6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz
802.11be EHT20-BF_Nss2,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
802.11be EHT40-BF_Nss2,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz



7085MHz
802.11be EHT80-BF_Nss2,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz
802.11be EHT160-BF_Nss2,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6505MHz
6665MHz
6825MHz
6985MHz
802.11be EHT320-BF_Nss2,(MCS0)_4TX
6105MHz
6265MHz
6425MHz
6585MHz
6745MHz
6905MHz

**For Standard Power Access Point:**

Mode
802.11a_Nss1,(6Mbps)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
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
802.11be EHT20-BF_Nss2,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss2,(MCS0)_4TX
5965MHz
6205MHz
6405MHz



6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss2,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss2,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss2,(MCS0)_4TX
6105MHz
6265MHz

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.
- ♦ The EUT supports non-beamforming and beamforming modes. After evaluating, the beamforming mode was selected to test.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	Indoor Access Point
2	Standard Power Access Point

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, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + WLAN 6GHz + Adapter
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_Indoor Access Point
2	EUT in Y axis_Standard Power Access Point

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	Indoor Access Point
2	Standard Power Access Point

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT + WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
2	EUT + WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + WWAN
Refer to Sporton Test Report No.: FA510722-02 for Co-location RF Exposure Evaluation.	



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Mtool 3.3.0.9.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	LEI	MU36D1120300-A1	INPUT: 100-240V ~ 50/60Hz, 1.0A OUTPUT: 12V, 3A
Others			
RJ-45 cable*1, shielded, 1.5m			

2.5 Support Equipment

For Radiated (below 1GHz) and Radiated (above 1GHz) / Non-beamforming mode and RF Conducted (Other tests):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

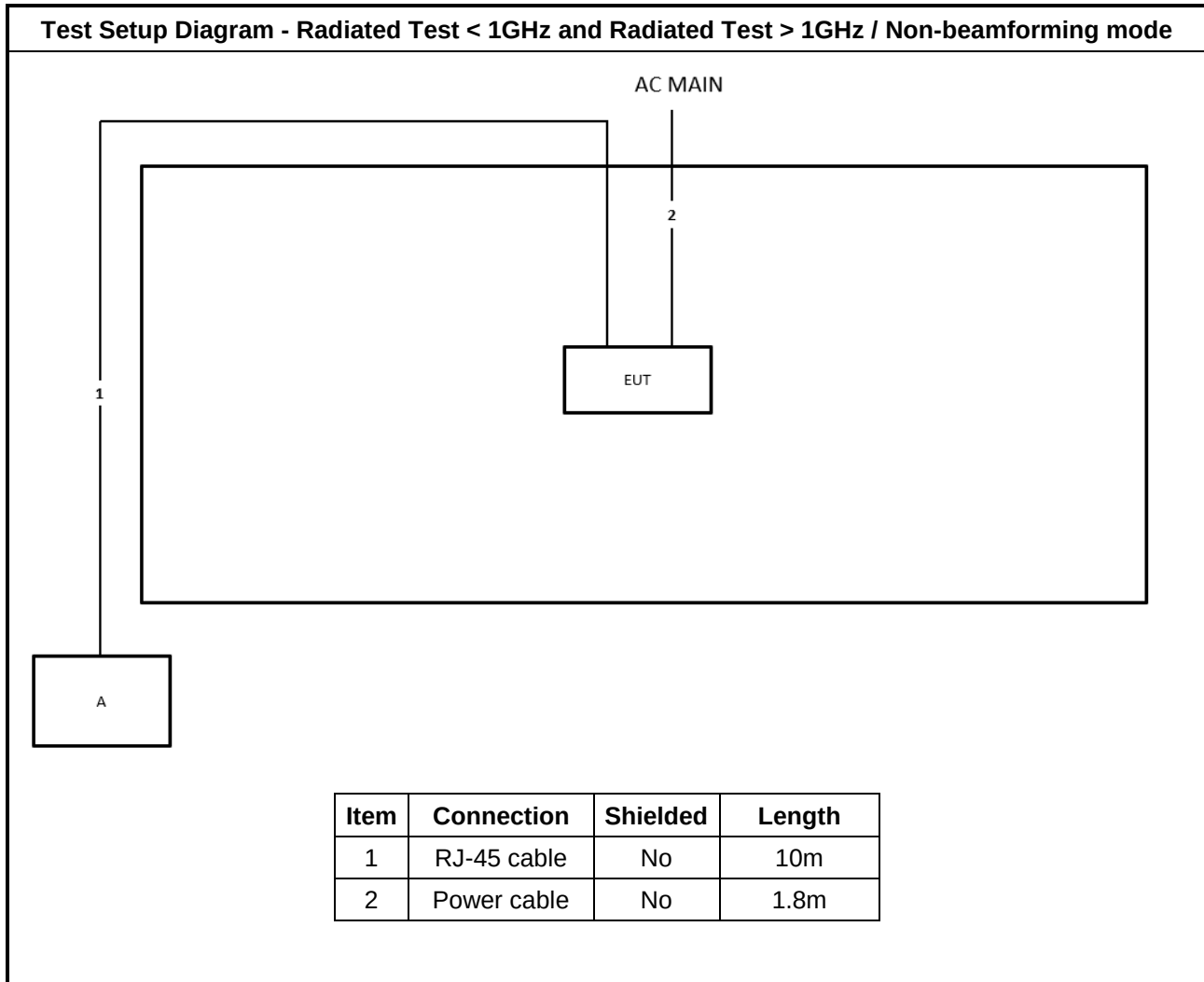
For Radiated (above 1GHz) / Beamforming mode:

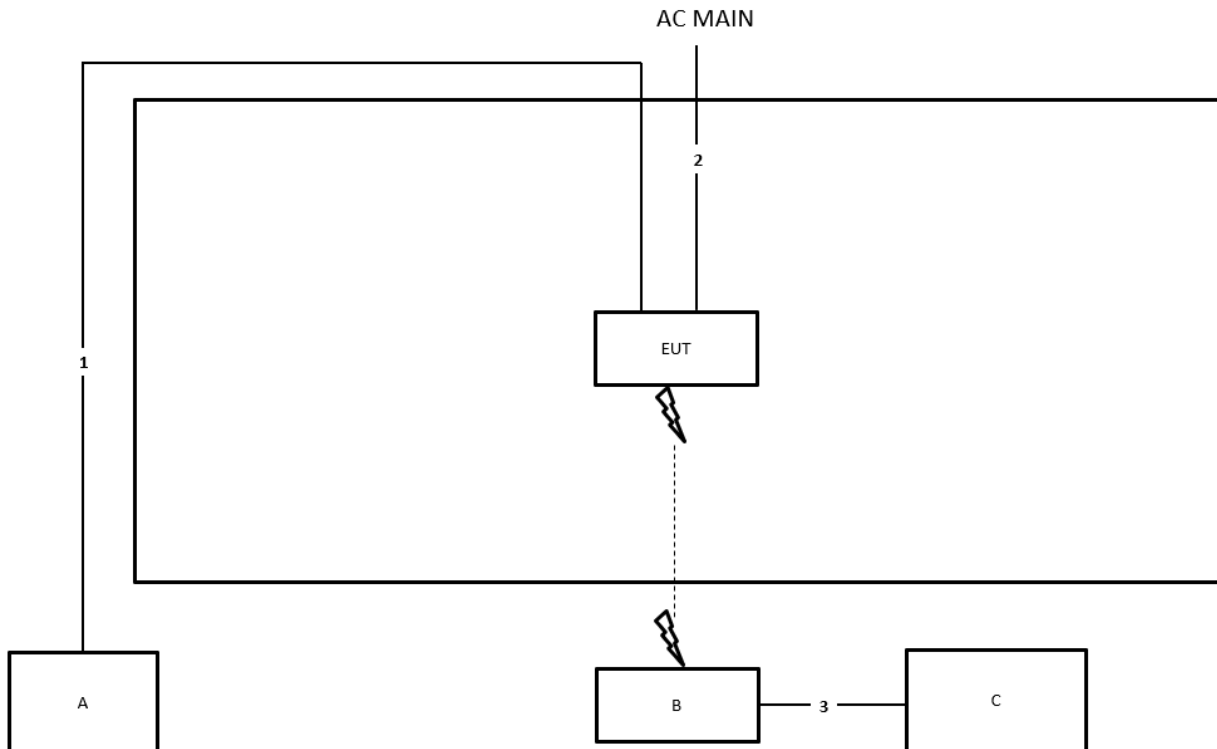
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Client	ASUS	RT-BE96U	N/A
C	Notebook	DELL	E4300	N/A

**For RF Conducted (Contention Based Protocol test):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Qualcomm	QCNCM865	I4L-QCNCM865

2.6 Test Setup Diagram



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


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m
3	RJ-45 cable	No	10m

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

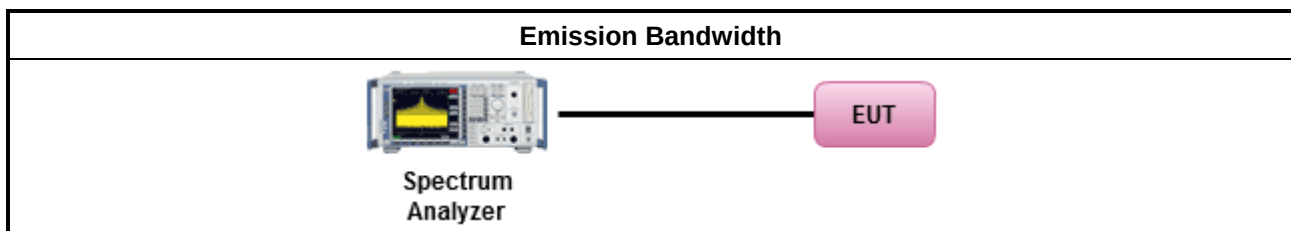
3.1.2 Measuring Instruments

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



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.

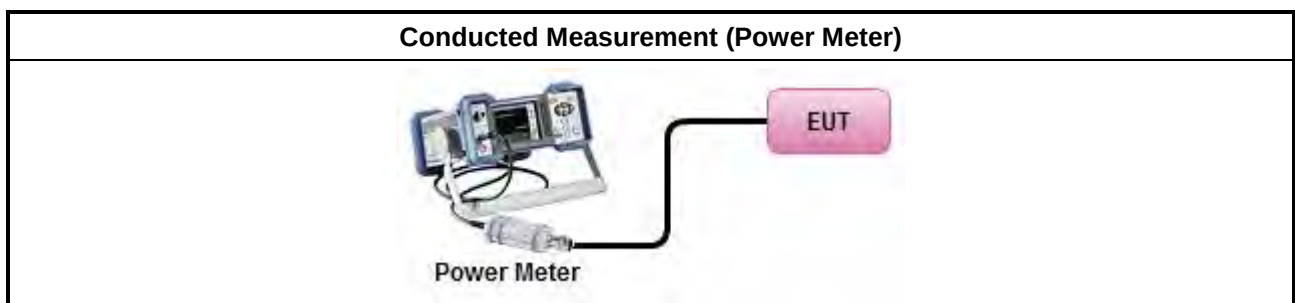
3.2.2 Measuring Instruments

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 Isotopically 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.

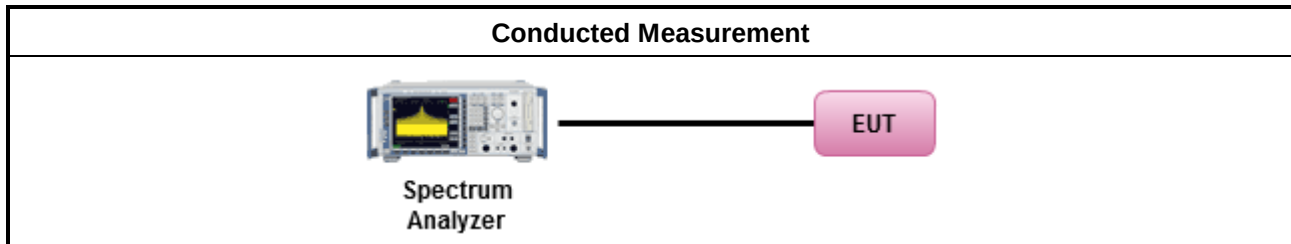
3.3.2 Measuring Instruments

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, F5) 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

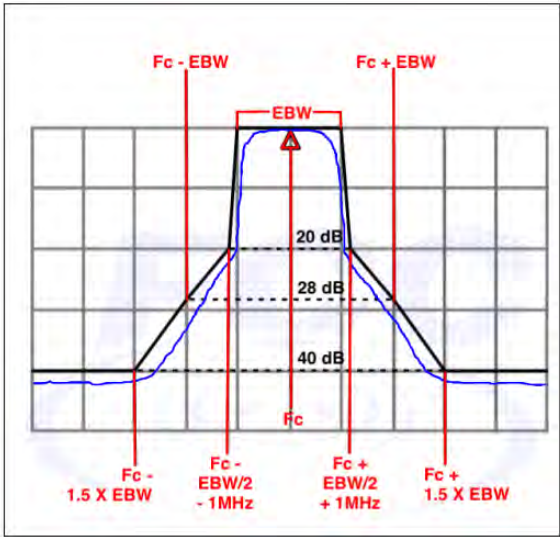
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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



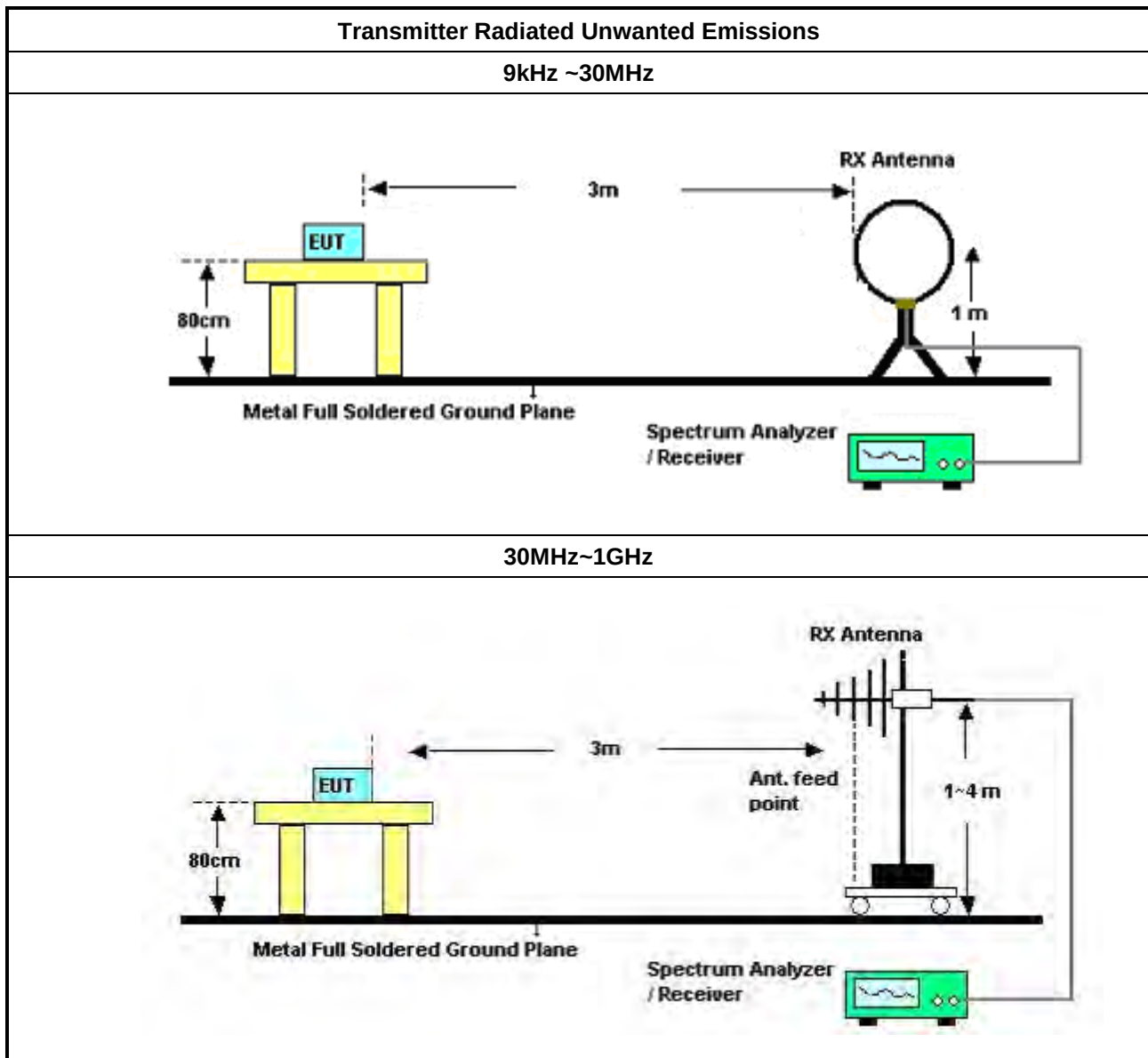
3.4.2 Measuring Instruments

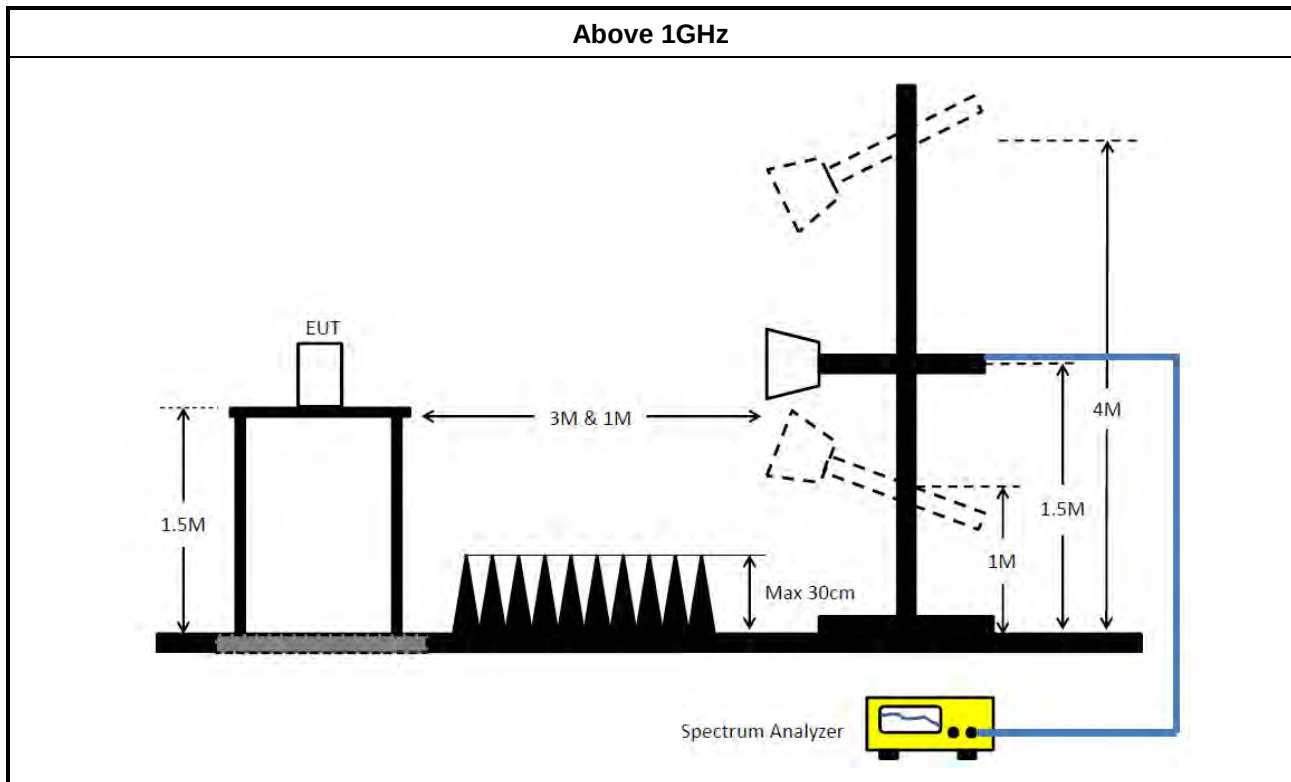
Refer a test equipment and calibration data table in this test report.

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 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Contention Based Protocol

3.5.1 Contention Based Protocol Limit

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

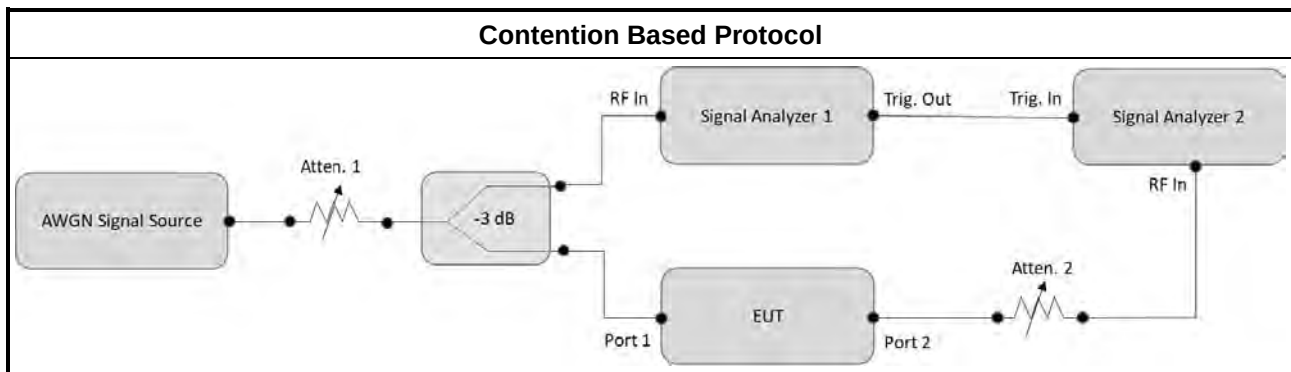
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Contention Based Protocol

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 05, 2024	Oct. 04, 2025	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz- 7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Cable 9k-18G	Woken	RG402	Cable-95	9 kHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz- 7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Nov. 26, 2024	Nov. 25, 2025	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Jan. 14, 2025	Jan. 13, 2026	Conducted (DF01-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -11	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-52	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-53	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-54	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)

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	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.45M	16.734M	16M7D1D	20.79M	16.624M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.56M	19.065M	19M1D1D	20.735M	18.991M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	21.395M	19.065M	19M1D1D	20.955M	19.015M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.48M	37.781M	37M8D1D	39.38M	37.681M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	40.26M	37.781M	37M8D1D	39.49M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	81.62M	77.261M	77M3D1D	80.08M	76.962M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	81.84M	77.261M	77M3D1D	80.08M	76.962M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.12M	156.522M	157MD1D	161.92M	155.722M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	163.68M	156.522M	157MD1D	161.92M	155.722M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	326.48M	315.442M	315MD1D	323.84M	313.843M
802.11be EHT320-BF_Nss2,(MCS0)_4TX	327.36M	315.842M	316MD1D	324.72M	314.243M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.34M	16.734M	16M7D1D	20.515M	16.624M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.78M	19.09M	19M1D1D	20.735M	18.991M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	21.78M	19.065M	19M1D1D	21.065M	18.966M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.48M	37.781M	37M8D1D	39.38M	37.631M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	40.37M	37.831M	37M8D1D	39.38M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	81.84M	77.161M	77M2D1D	80.52M	77.061M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	82.06M	77.261M	77M3D1D	80.52M	77.061M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.12M	156.322M	156MD1D	162.36M	156.122M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	164.12M	156.322M	156MD1D	161.92M	156.122M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	326.48M	315.842M	316MD1D	325.6M	315.042M
802.11be EHT320-BF_Nss2,(MCS0)_4TX	325.6M	315.442M	315MD1D	324.72M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.285M	16.756M	16M8D1D	20.68M	16.624M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.615M	19.065M	19M1D1D	20.79M	18.991M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	21.67M	19.04M	19M0D1D	21.01M	18.941M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.81M	37.781M	37M8D1D	39.49M	37.581M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	40.37M	37.731M	37M7D1D	39.27M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	82.28M	77.361M	77M4D1D	80.52M	77.061M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	82.06M	77.261M	77M3D1D	80.3M	76.962M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	164.56M	156.322M	156MD1D	162.36M	155.922M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	164.12M	156.122M	156MD1D	163.24M	156.122M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	327.36M	315.442M	315MD1D	324.72M	314.643M
802.11be EHT320-BF_Nss2,(MCS0)_4TX	327.36M	315.842M	316MD1D	324.72M	314.243M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.285M	16.756M	16M8D1D	20.9M	16.668M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.505M	19.115M	19M1D1D	20.845M	18.991M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	21.505M	19.065M	19M1D1D	20.955M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	40.48M	37.781M	37M8D1D	39.38M	37.631M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	40.26M	37.781M	37M8D1D	39.49M	37.631M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	81.62M	77.361M	77M4D1D	80.74M	77.061M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	81.84M	77.361M	77M4D1D	81.18M	77.061M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	163.68M	156.122M	156MD1D	162.36M	155.722M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	164.12M	155.922M	156MD1D	162.8M	155.722M

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

Result

Mode	Result	Limit	Port 1-N dB (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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.395M	16.69M	20.845M	16.69M	20.955M	16.646M	20.79M	16.668M
6195MHz	Pass	Inf	21.175M	16.712M	21.45M	16.734M	21.065M	16.668M	21.01M	16.668M
6415MHz	Pass	Inf	21.23M	16.712M	20.955M	16.624M	20.845M	16.69M	20.9M	16.624M
6435MHz	Pass	Inf	20.735M	16.734M	21.285M	16.646M	21.065M	16.624M	20.515M	16.624M
6475MHz	Pass	Inf	21.01M	16.668M	21.34M	16.69M	21.175M	16.646M	21.175M	16.734M
6515MHz	Pass	Inf	21.065M	16.69M	20.79M	16.69M	20.79M	16.668M	21.175M	16.624M
6535MHz	Pass	Inf	21.01M	16.734M	20.9M	16.668M	20.79M	16.668M	20.79M	16.69M
6695MHz	Pass	Inf	21.01M	16.756M	21.01M	16.712M	21.065M	16.646M	20.68M	16.69M
6875MHz	Pass	Inf	21.285M	16.734M	20.845M	16.734M	20.79M	16.646M	20.79M	16.624M
6895MHz	Pass	Inf	21.175M	16.712M	20.9M	16.668M	21.175M	16.668M	20.9M	16.668M
6995MHz	Pass	Inf	21.065M	16.756M	21.01M	16.712M	20.9M	16.69M	21.12M	16.668M
7095MHz	Pass	Inf	21.065M	16.756M	21.285M	16.668M	21.065M	16.734M	21.175M	16.712M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.285M	19.065M	20.845M	18.991M	20.955M	18.991M	21.23M	19.065M
6195MHz	Pass	Inf	21.12M	18.991M	21.23M	19.015M	20.735M	19.015M	21.23M	19.015M
6415MHz	Pass	Inf	21.45M	19.04M	21.34M	18.991M	21.395M	19.015M	21.56M	19.015M
6435MHz	Pass	Inf	21.34M	19.04M	21.065M	18.991M	21.34M	19.015M	21.23M	19.065M
6475MHz	Pass	Inf	21.395M	18.991M	21.34M	19.065M	21.01M	19.04M	21.23M	18.991M
6515MHz	Pass	Inf	21.78M	19.09M	21.285M	19.04M	21.065M	18.991M	20.735M	19.04M
6535MHz	Pass	Inf	21.505M	19.015M	21.175M	19.015M	21.285M	18.991M	21.23M	19.065M
6695MHz	Pass	Inf	20.79M	18.991M	21.12M	19.04M	21.285M	18.991M	21.01M	19.015M
6875MHz	Pass	Inf	21.23M	19.04M	21.615M	19.04M	21.56M	18.991M	21.395M	18.991M
6895MHz	Pass	Inf	21.45M	19.115M	21.175M	19.04M	21.505M	19.015M	21.285M	19.04M
6995MHz	Pass	Inf	20.845M	19.015M	21.34M	18.991M	21.175M	19.015M	21.23M	19.04M
7095MHz	Pass	Inf	21.34M	19.015M	21.175M	19.065M	21.23M	19.09M	21.395M	19.04M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.15M	37.731M	40.48M	37.731M	39.6M	37.731M	39.38M	37.681M
6205MHz	Pass	Inf	40.26M	37.731M	39.38M	37.681M	39.49M	37.731M	39.71M	37.681M
6405MHz	Pass	Inf	40.15M	37.681M	40.04M	37.781M	40.37M	37.681M	40.26M	37.731M
6445MHz	Pass	Inf	40.15M	37.781M	40.48M	37.731M	40.04M	37.631M	40.15M	37.781M
6485MHz	Pass	Inf	40.04M	37.731M	39.82M	37.681M	39.6M	37.731M	39.6M	37.731M
6525MHz	Pass	Inf	39.71M	37.781M	39.38M	37.681M	40.15M	37.781M	40.04M	37.731M
6565MHz	Pass	Inf	40.15M	37.681M	40.26M	37.681M	40.37M	37.681M	40.81M	37.631M
6685MHz	Pass	Inf	40.37M	37.731M	39.49M	37.731M	39.71M	37.731M	39.82M	37.681M
6885MHz	Pass	Inf	40.15M	37.781M	40.26M	37.581M	40.26M	37.631M	39.71M	37.731M
6925MHz	Pass	Inf	40.48M	37.681M	40.04M	37.631M	40.04M	37.681M	40.04M	37.731M
7005MHz	Pass	Inf	39.71M	37.731M	39.71M	37.731M	39.6M	37.681M	39.6M	37.781M
7085MHz	Pass	Inf	40.04M	37.681M	39.71M	37.781M	39.38M	37.681M	39.71M	37.731M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	80.08M	76.962M	80.96M	77.061M	80.96M	77.061M	80.96M	77.061M
6225MHz	Pass	Inf	80.96M	77.161M	81.62M	77.161M	81.4M	77.261M	80.3M	77.161M
6385MHz	Pass	Inf	81.62M	77.161M	80.96M	77.061M	80.96M	77.161M	80.74M	76.962M
6465MHz	Pass	Inf	81.4M	77.161M	80.52M	77.161M	80.96M	77.061M	81.18M	77.161M
6545MHz	Pass	Inf	81.4M	77.061M	81.18M	77.161M	81.84M	77.061M	80.74M	77.061M
6625MHz	Pass	Inf	81.4M	77.161M	80.74M	77.261M	81.18M	77.261M	80.74M	77.361M
6705MHz	Pass	Inf	80.96M	77.061M	80.96M	77.261M	80.96M	77.261M	80.74M	77.061M
6785MHz	Pass	Inf	80.52M	77.061M	81.84M	77.161M	81.18M	77.261M	81.4M	77.061M
6865MHz	Pass	Inf	82.28M	77.161M	81.4M	77.161M	81.84M	77.361M	81.84M	77.161M
6945MHz	Pass	Inf	80.74M	77.161M	80.74M	77.161M	80.96M	77.061M	80.96M	77.161M
7025MHz	Pass	Inf	80.96M	77.261M	81.18M	77.261M	81.62M	77.361M	81.4M	77.161M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	161.92M	155.722M	162.8M	156.122M	163.68M	155.922M	162.8M	155.922M
6185MHz	Pass	Inf	163.68M	156.322M	163.24M	156.122M	162.36M	156.122M	163.24M	156.522M
6345MHz	Pass	Inf	164.12M	155.922M	162.8M	155.922M	162.8M	156.122M	162.36M	155.922M

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)
6505MHz	Pass	Inf	162.8M	156.322M	164.12M	156.122M	162.8M	156.122M	162.36M	156.322M
6665MHz	Pass	Inf	163.68M	156.322M	162.36M	156.322M	163.24M	155.922M	163.68M	156.322M
6825MHz	Pass	Inf	164.56M	156.122M	163.68M	156.322M	162.8M	156.122M	163.24M	156.322M
6985MHz	Pass	Inf	163.68M	155.722M	163.24M	155.722M	163.68M	155.922M	162.36M	156.122M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	323.84M	314.643M	325.6M	314.643M	324.72M	314.643M	323.84M	313.843M
6265MHz	Pass	Inf	325.6M	314.243M	325.6M	314.643M	325.6M	315.042M	325.6M	315.042M
6425MHz	Pass	Inf	325.6M	315.042M	326.48M	315.042M	326.48M	315.442M	326.48M	314.643M
6585MHz	Pass	Inf	326.48M	315.042M	326.48M	315.842M	325.6M	315.842M	326.48M	315.442M
6745MHz	Pass	Inf	327.36M	315.042M	325.6M	315.442M	326.48M	315.442M	324.72M	315.042M
6905MHz	Pass	Inf	324.72M	314.643M	325.6M	315.042M	324.72M	314.643M	325.6M	314.643M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.12M	19.015M	21.065M	19.04M	21.12M	19.065M	21.23M	19.04M
6195MHz	Pass	Inf	21.285M	19.04M	21.34M	19.04M	21.23M	19.04M	21.395M	19.065M
6415MHz	Pass	Inf	21.23M	19.065M	20.955M	19.04M	21.285M	19.04M	21.34M	19.065M
6435MHz	Pass	Inf	21.23M	18.991M	21.285M	18.991M	21.065M	19.015M	21.34M	19.065M
6475MHz	Pass	Inf	21.78M	19.015M	21.175M	19.04M	21.34M	19.04M	21.23M	19.065M
6515MHz	Pass	Inf	21.615M	18.966M	21.34M	19.065M	21.12M	19.04M	21.175M	18.991M
6535MHz	Pass	Inf	21.175M	19.015M	21.56M	19.015M	21.395M	19.04M	21.285M	19.015M
6695MHz	Pass	Inf	21.23M	19.015M	21.285M	18.941M	21.12M	19.015M	21.01M	18.991M
6875MHz	Pass	Inf	21.67M	19.04M	21.505M	19.04M	21.175M	18.991M	21.065M	18.991M
6895MHz	Pass	Inf	20.955M	18.991M	21.065M	18.991M	21.505M	18.991M	21.34M	19.04M
6995MHz	Pass	Inf	21.23M	19.015M	21.505M	19.04M	21.395M	18.991M	21.395M	19.015M
7095MHz	Pass	Inf	21.34M	19.065M	21.23M	19.04M	21.34M	19.04M	21.01M	19.065M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	39.71M	37.631M	39.93M	37.681M	39.49M	37.781M	39.6M	37.631M
6205MHz	Pass	Inf	40.26M	37.731M	39.6M	37.731M	39.49M	37.681M	39.82M	37.631M
6405MHz	Pass	Inf	40.15M	37.731M	40.04M	37.731M	40.15M	37.681M	40.15M	37.731M
6445MHz	Pass	Inf	39.49M	37.631M	39.49M	37.681M	39.93M	37.781M	39.82M	37.731M
6485MHz	Pass	Inf	40.37M	37.731M	39.82M	37.681M	40.37M	37.681M	39.38M	37.631M
6525MHz	Pass	Inf	40.37M	37.731M	39.49M	37.781M	39.93M	37.681M	40.26M	37.831M
6565MHz	Pass	Inf	40.04M	37.731M	40.15M	37.681M	40.37M	37.681M	39.93M	37.731M
6685MHz	Pass	Inf	39.27M	37.731M	39.82M	37.631M	39.49M	37.681M	39.6M	37.681M
6885MHz	Pass	Inf	40.04M	37.731M	40.37M	37.681M	40.15M	37.631M	39.93M	37.681M
6925MHz	Pass	Inf	40.26M	37.681M	40.04M	37.681M	40.04M	37.731M	39.71M	37.631M
7005MHz	Pass	Inf	39.6M	37.731M	39.6M	37.731M	39.6M	37.731M	39.71M	37.781M
7085MHz	Pass	Inf	40.04M	37.731M	39.49M	37.681M	39.71M	37.681M	40.15M	37.681M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	80.96M	76.962M	81.18M	76.962M	80.96M	77.061M	80.96M	76.962M
6225MHz	Pass	Inf	80.08M	77.061M	81.84M	77.161M	80.74M	77.261M	80.74M	77.161M
6385MHz	Pass	Inf	81.4M	77.161M	81.62M	76.962M	81.62M	77.261M	80.3M	77.261M
6465MHz	Pass	Inf	80.52M	77.061M	82.06M	77.061M	80.52M	77.061M	80.74M	77.061M
6545MHz	Pass	Inf	81.62M	77.261M	81.4M	77.061M	80.96M	77.061M	80.52M	77.261M
6625MHz	Pass	Inf	81.18M	76.962M	80.96M	77.161M	80.74M	77.161M	81.4M	77.161M
6705MHz	Pass	Inf	81.18M	77.261M	81.84M	77.061M	80.96M	77.261M	81.4M	77.161M
6785MHz	Pass	Inf	80.3M	77.261M	81.18M	77.061M	81.4M	77.261M	81.4M	77.061M
6865MHz	Pass	Inf	81.18M	77.161M	81.4M	77.061M	82.06M	77.061M	80.96M	77.061M
6945MHz	Pass	Inf	81.84M	77.061M	81.18M	77.161M	81.4M	77.161M	81.4M	77.061M
7025MHz	Pass	Inf	81.18M	77.161M	81.62M	77.061M	81.4M	77.161M	81.4M	77.361M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	163.68M	155.922M	162.36M	156.322M	163.24M	156.122M	162.8M	155.722M
6185MHz	Pass	Inf	162.8M	156.122M	163.68M	156.322M	163.24M	156.522M	162.8M	156.122M
6345MHz	Pass	Inf	162.36M	155.922M	163.68M	155.922M	161.92M	155.722M	163.68M	156.122M
6505MHz	Pass	Inf	161.92M	156.122M	163.24M	156.322M	162.36M	156.322M	164.12M	156.322M
6665MHz	Pass	Inf	164.12M	156.122M	163.68M	156.122M	163.68M	156.122M	163.24M	156.122M
6825MHz	Pass	Inf	164.12M	156.122M	163.68M	156.122M	163.24M	156.122M	163.24M	156.122M



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)
6985MHz	Pass	Inf	164.12M	155.922M	163.24M	155.722M	162.8M	155.922M	164.12M	155.722M
802.11be EHT320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	326.48M	314.243M	325.6M	314.643M	324.72M	314.643M	324.72M	314.243M
6265MHz	Pass	Inf	325.6M	314.243M	326.48M	314.643M	324.72M	314.643M	324.72M	315.442M
6425MHz	Pass	Inf	324.72M	315.442M	327.36M	315.842M	326.48M	314.643M	326.48M	314.643M
6585MHz	Pass	Inf	325.6M	315.442M	325.6M	315.442M	325.6M	315.442M	324.72M	315.442M
6745MHz	Pass	Inf	327.36M	315.042M	325.6M	315.842M	324.72M	315.442M	325.6M	315.442M
6905MHz	Pass	Inf	327.36M	314.243M	324.72M	314.643M	324.72M	314.243M	325.6M	315.042M

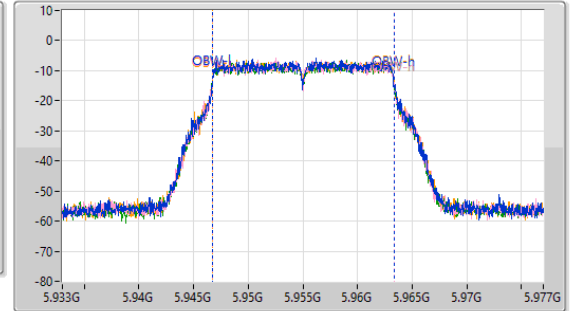
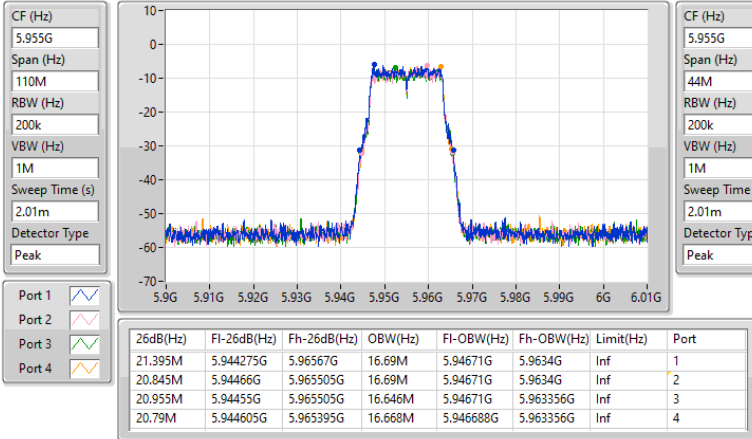
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5955MHz

16/02/2025

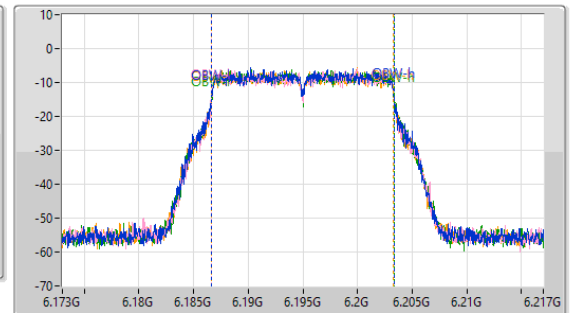
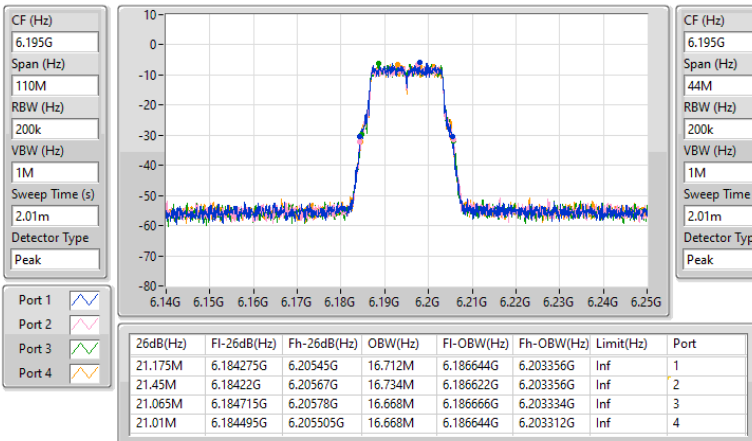


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6195MHz

15/02/2025

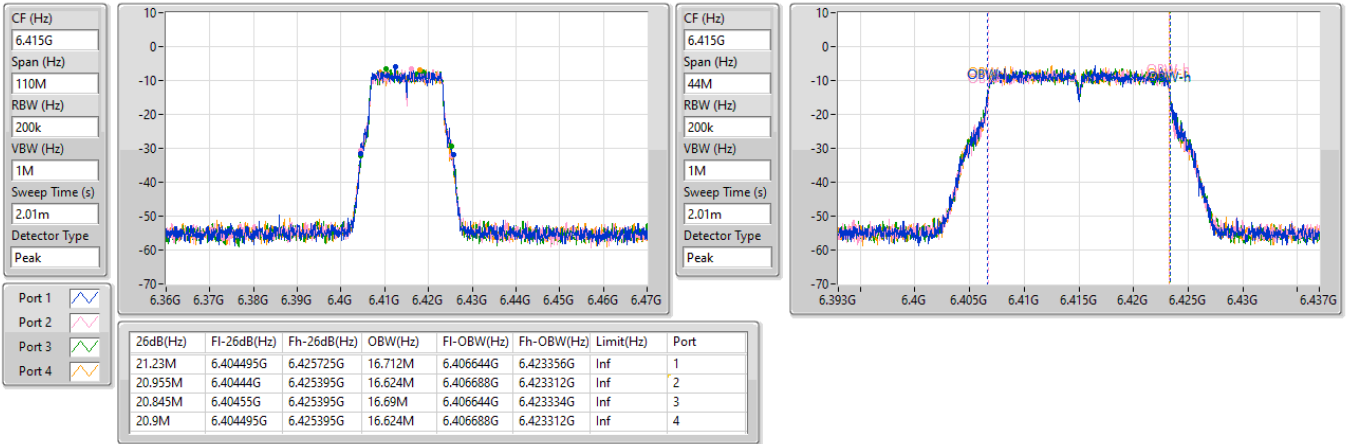


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6415MHz

16/02/2025

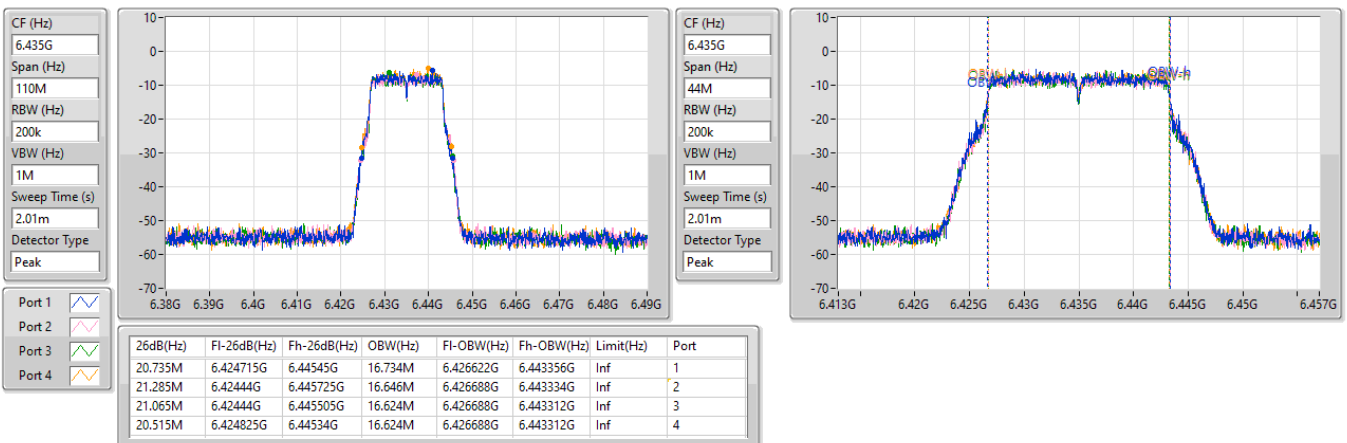


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6435MHz

16/02/2025

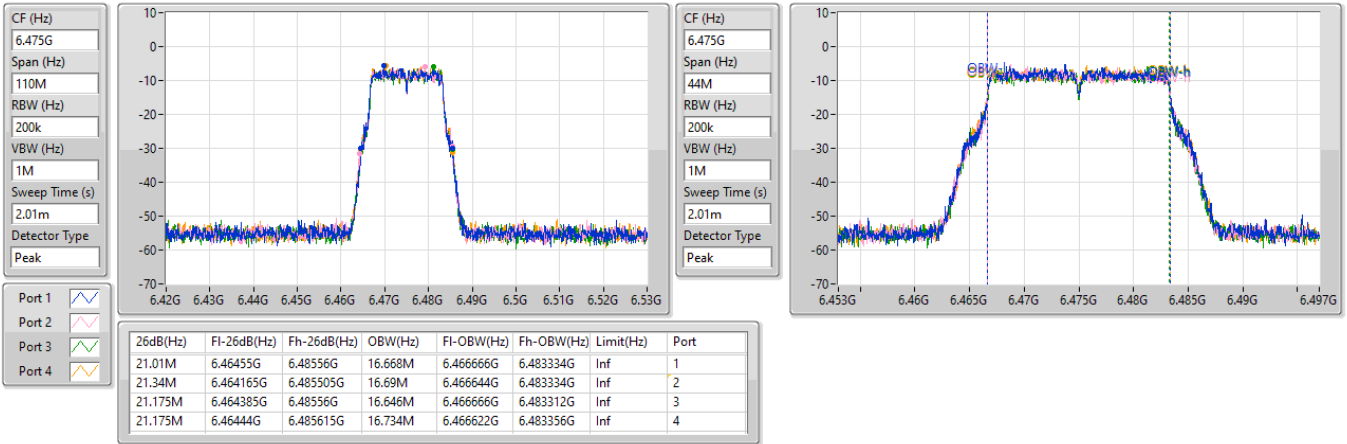


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6475MHz

16/02/2025

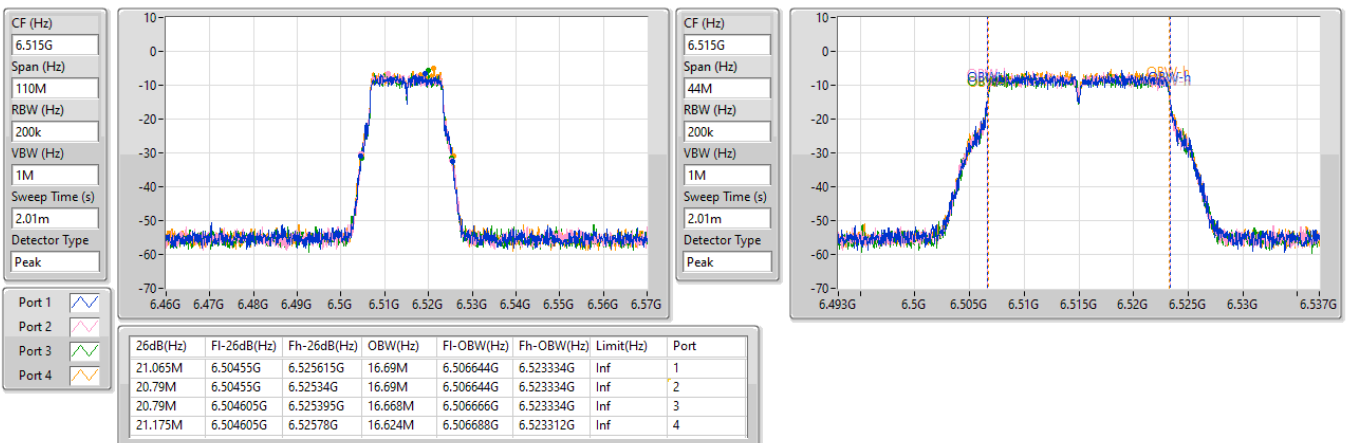


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6515MHz

16/02/2025

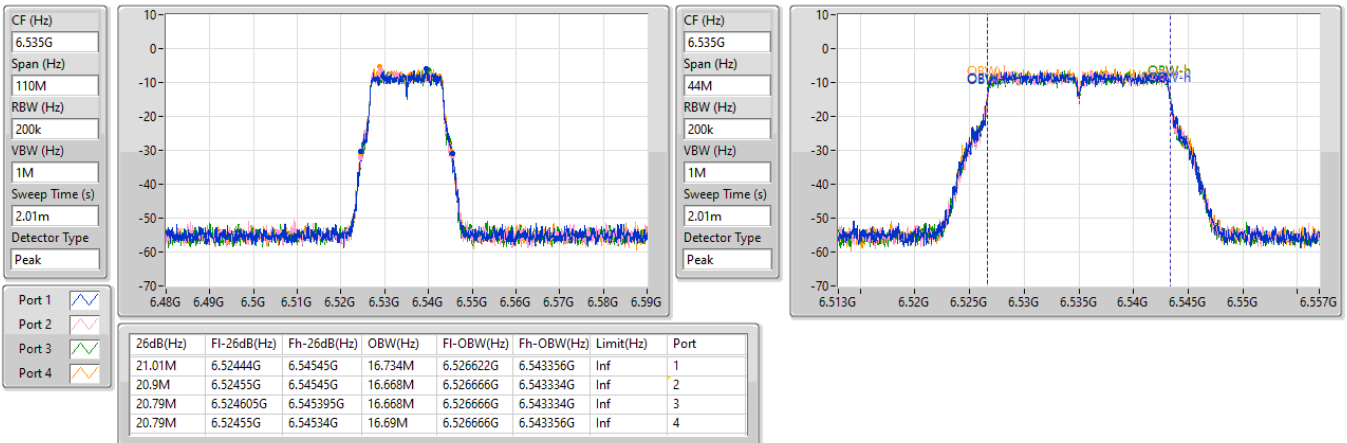


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6535MHz

16/02/2025

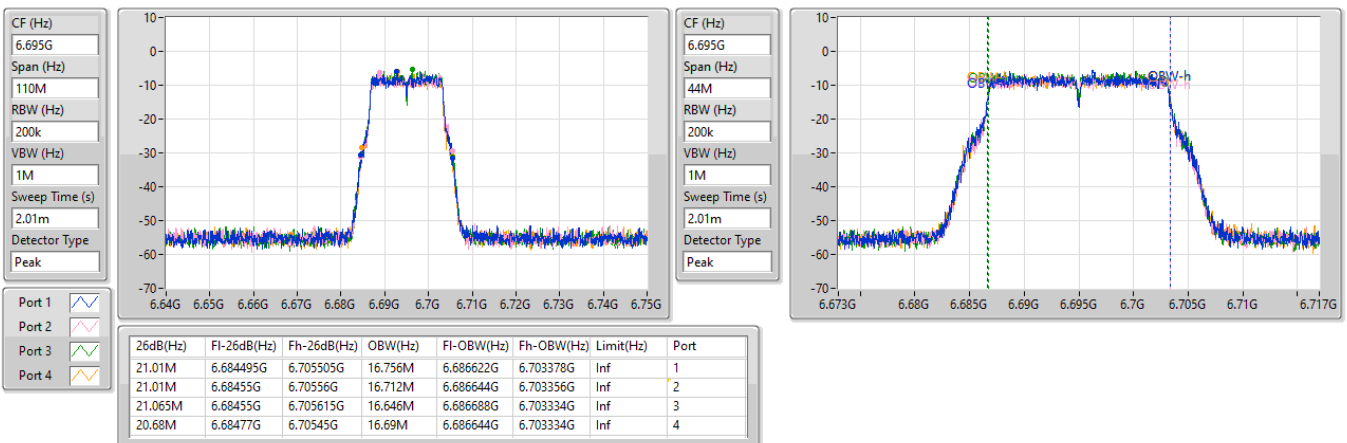


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6695MHz

16/02/2025

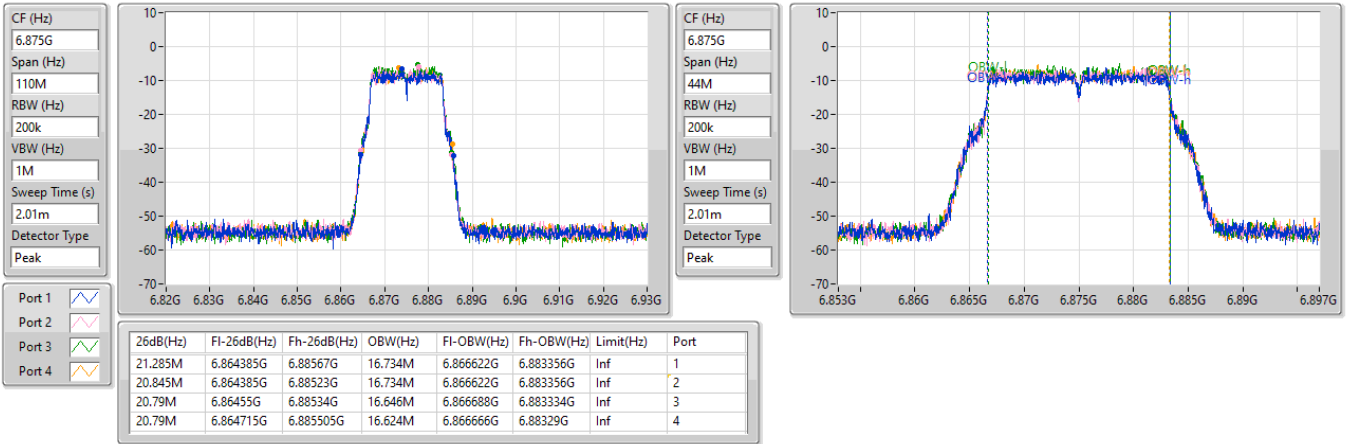


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6875MHz

16/02/2025

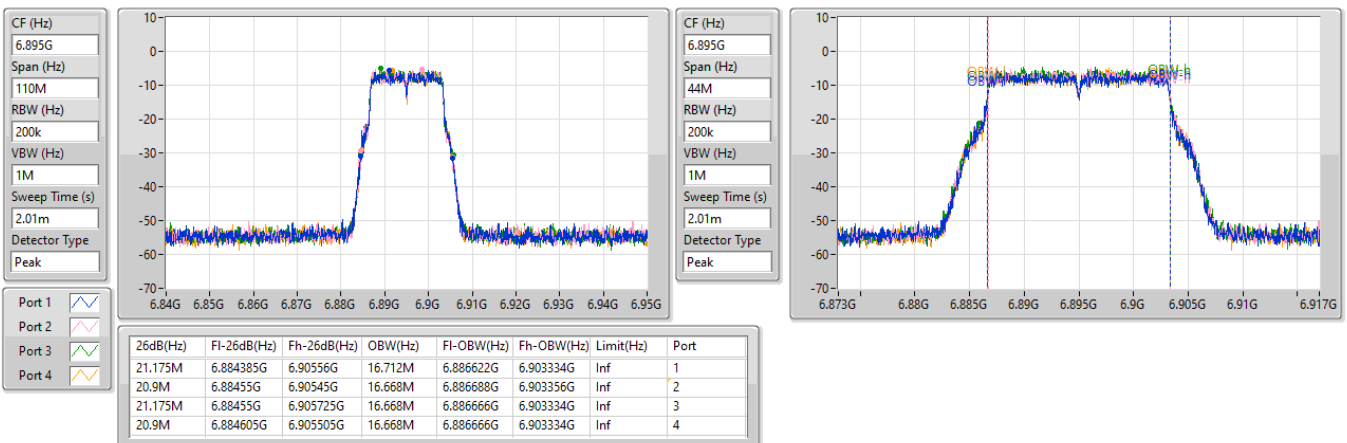


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6895MHz

16/02/2025

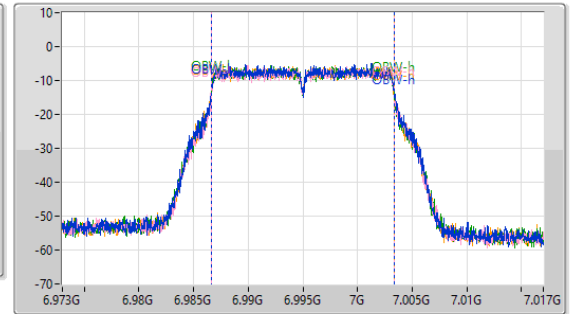
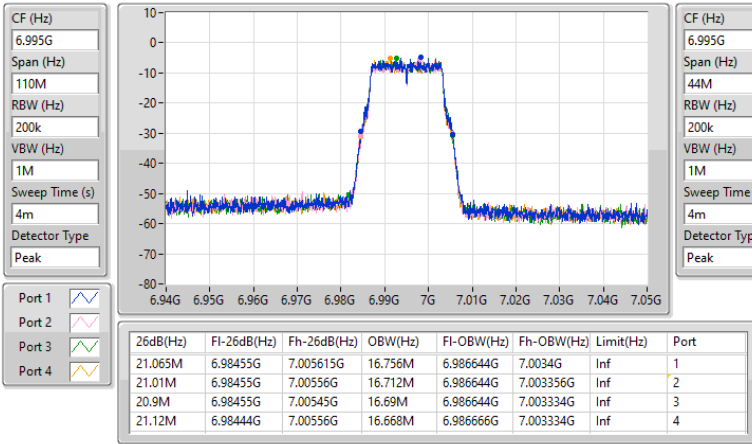


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6995MHz

16/02/2025

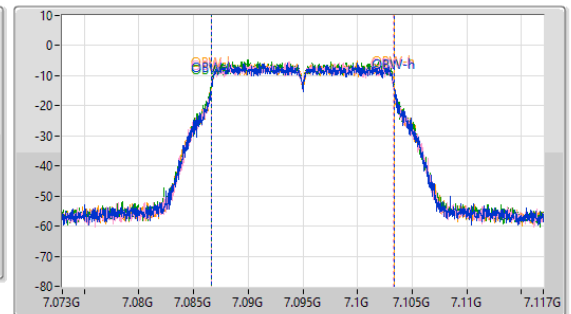
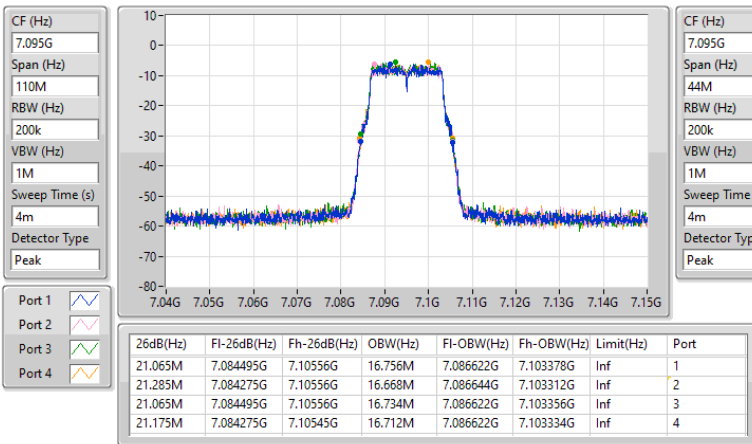


6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

7095MHz

16/02/2025

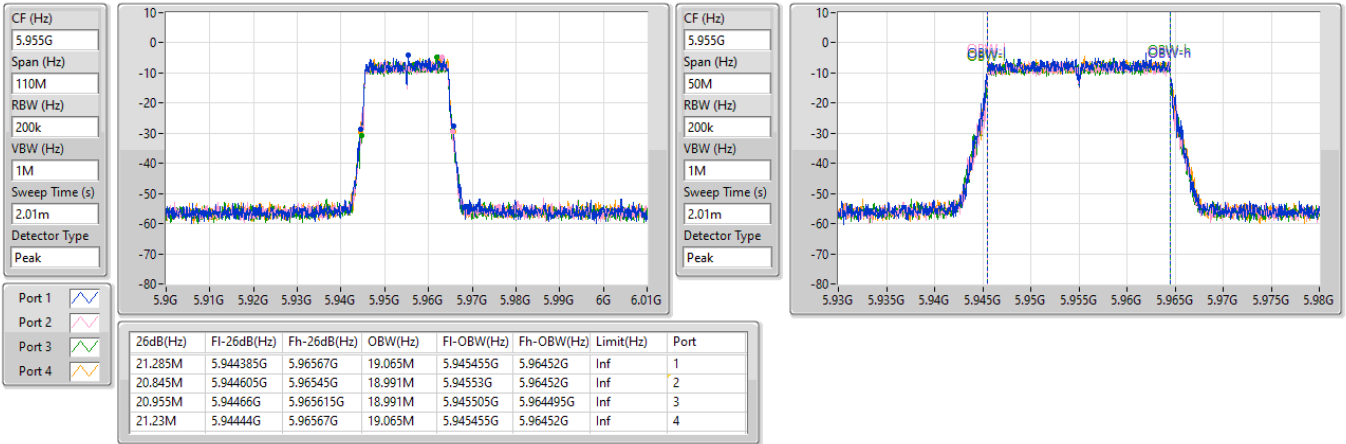


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

5955MHz

16/02/2025

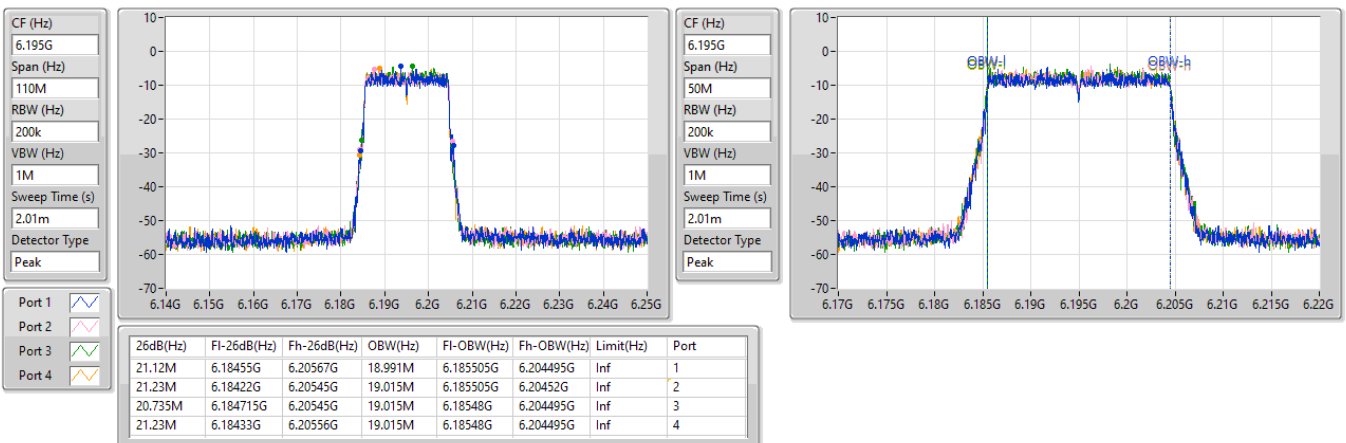


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6195MHz

16/02/2025

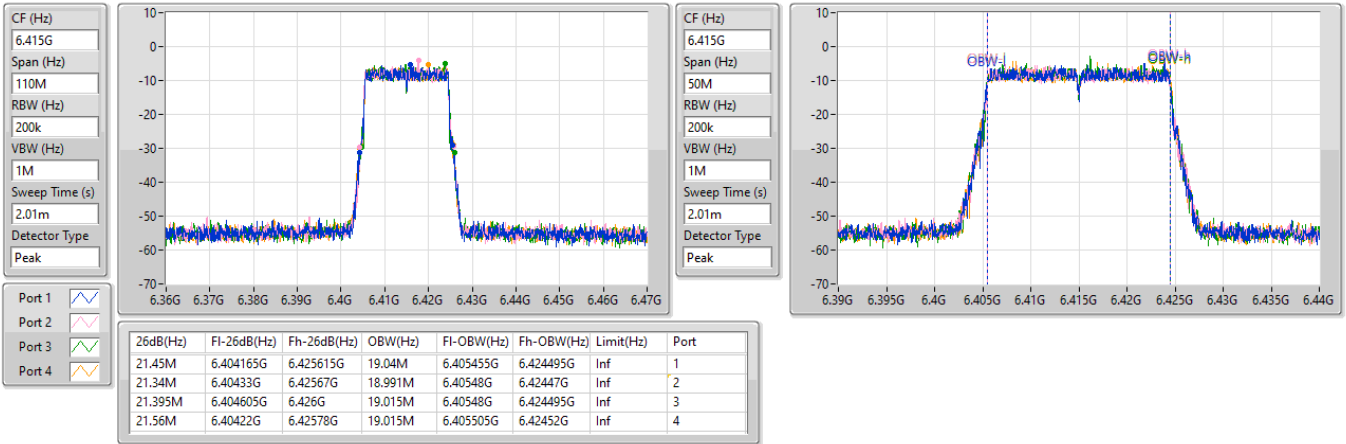


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

16/02/2025

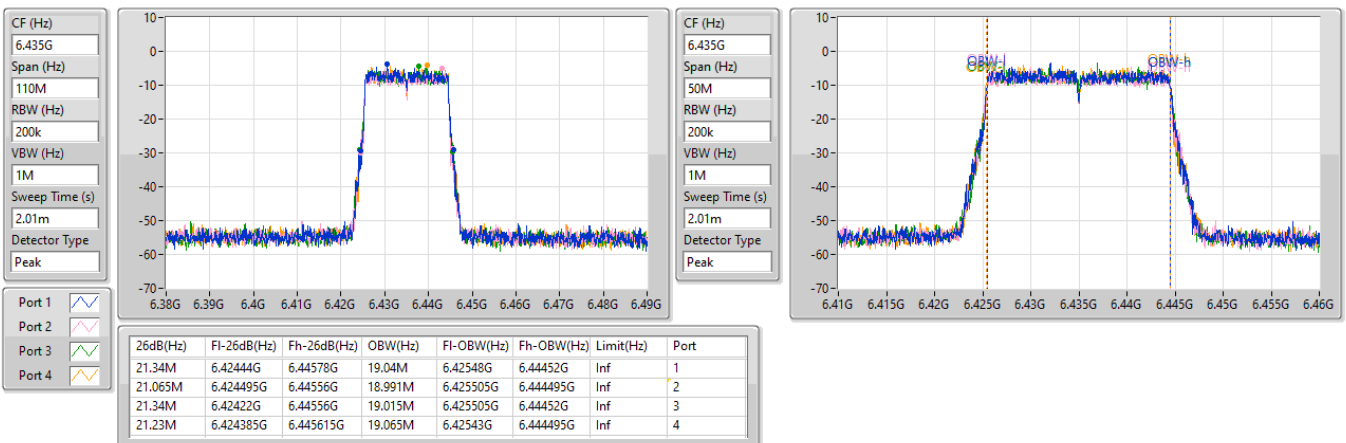


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6435MHz

16/02/2025

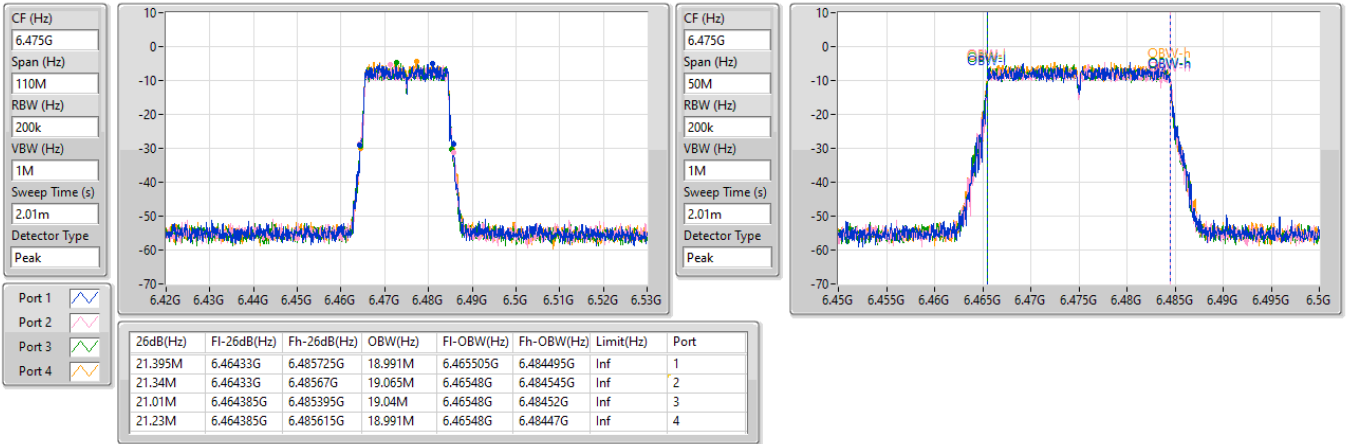


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6475MHz

16/02/2025

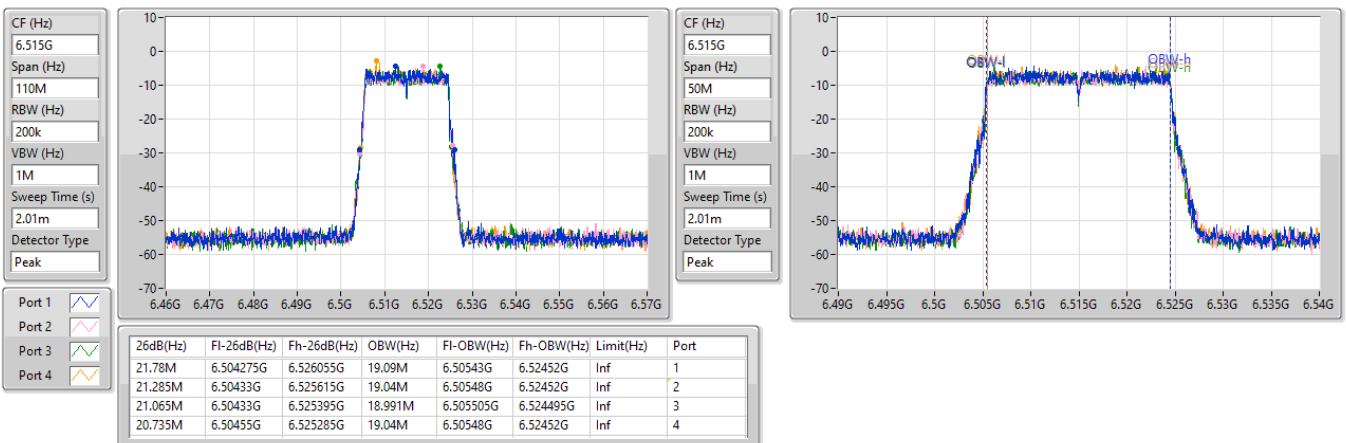


6.425-6.525GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6515MHz

16/02/2025

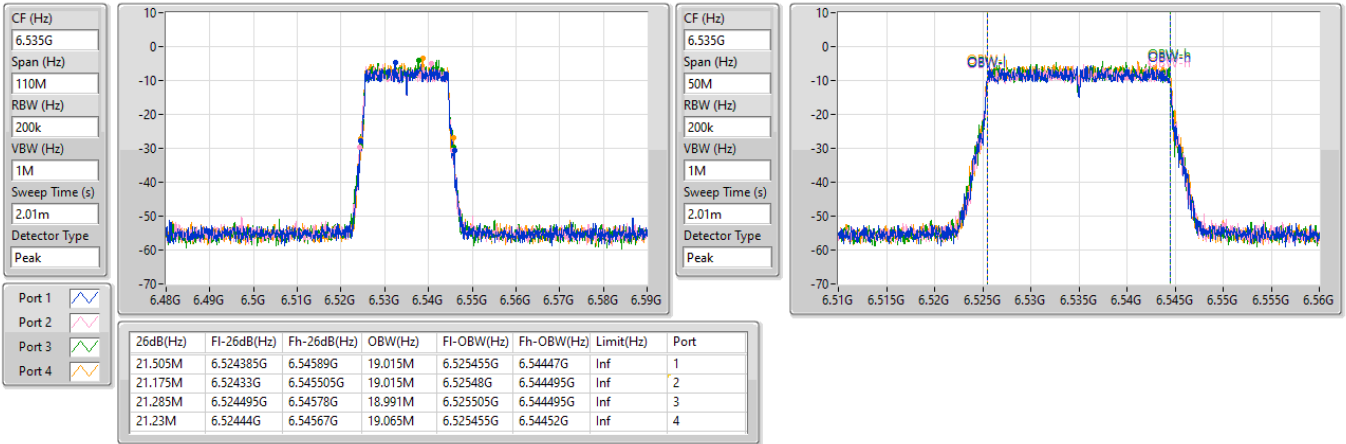


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

16/02/2025

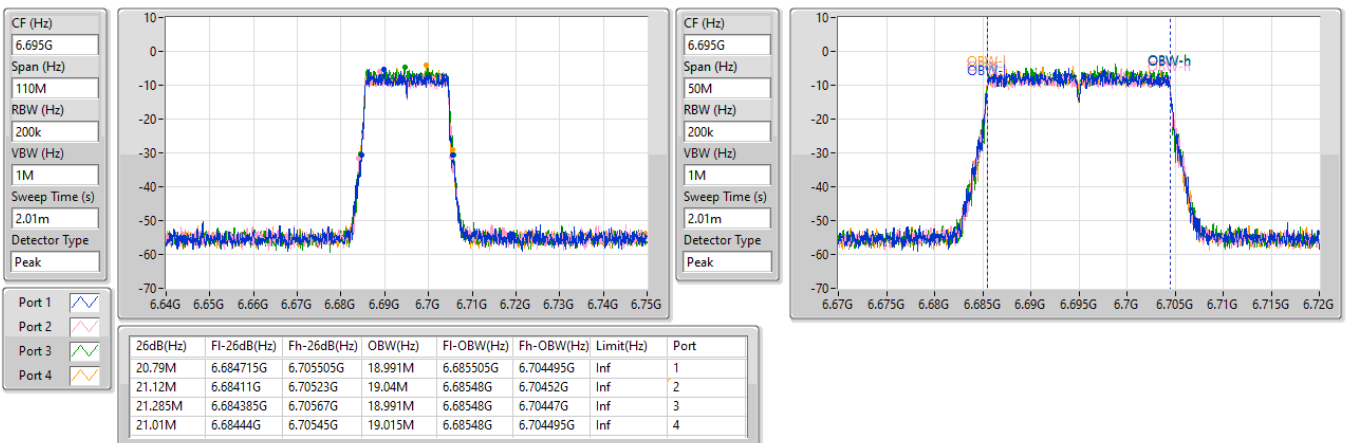


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

16/02/2025

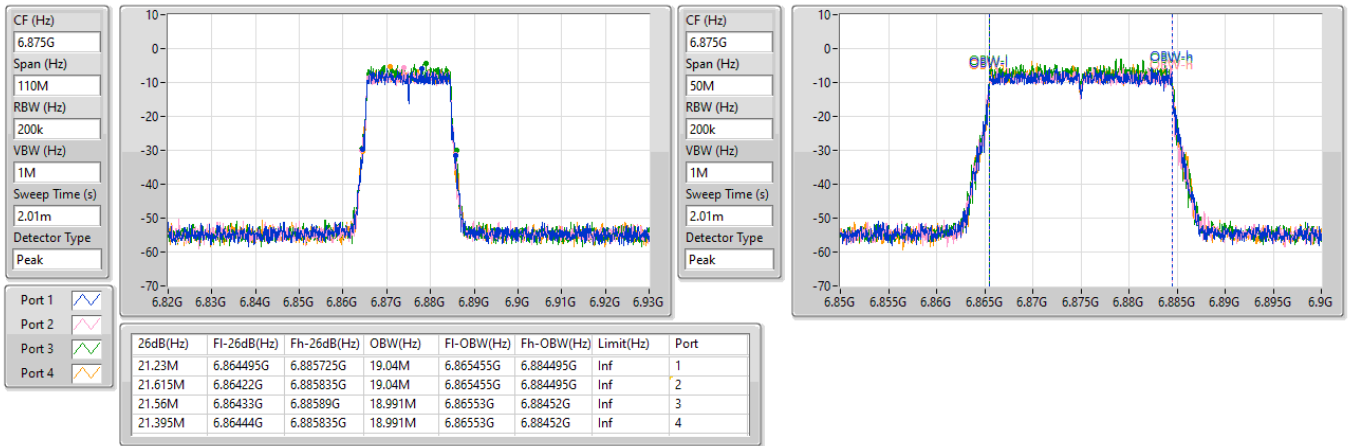


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6875MHz

16/02/2025

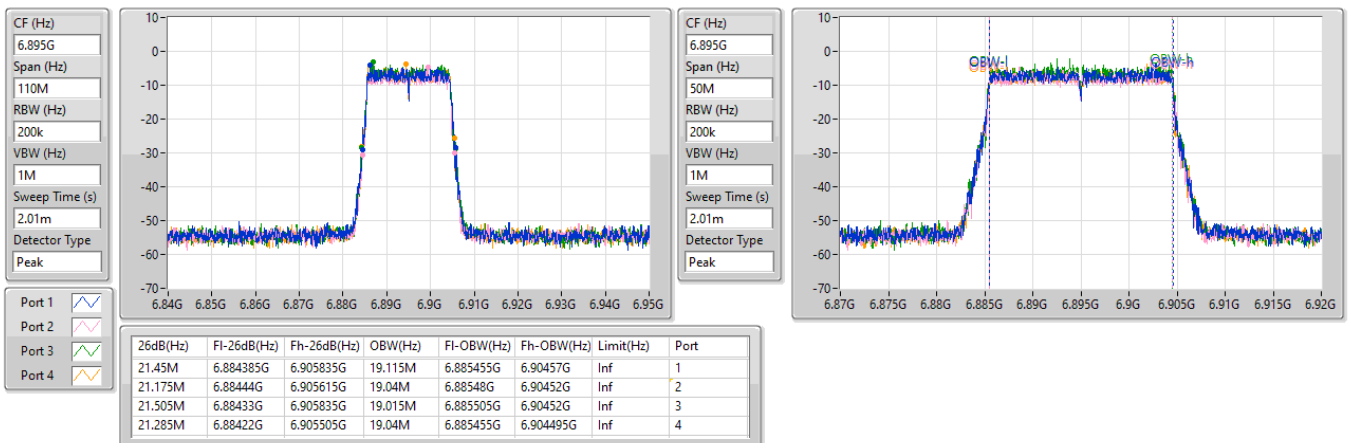


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6895MHz

16/02/2025

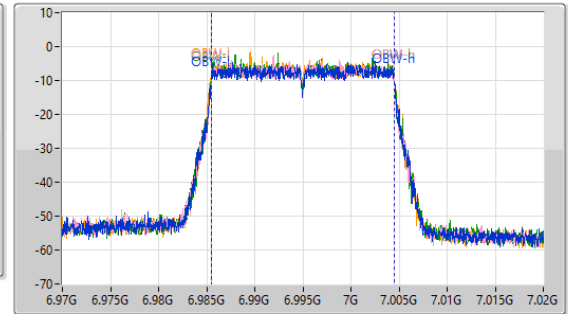
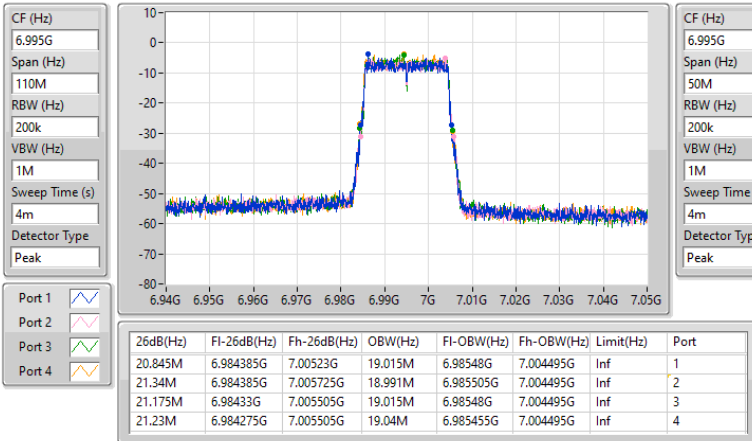


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6995MHz

16/02/2025

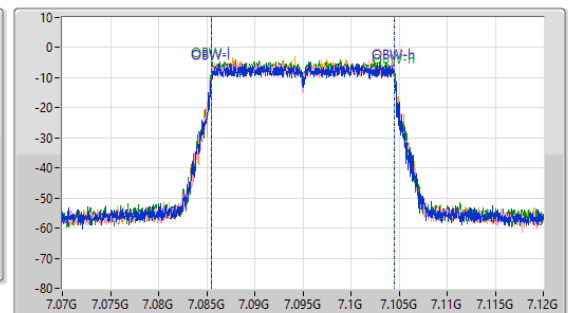
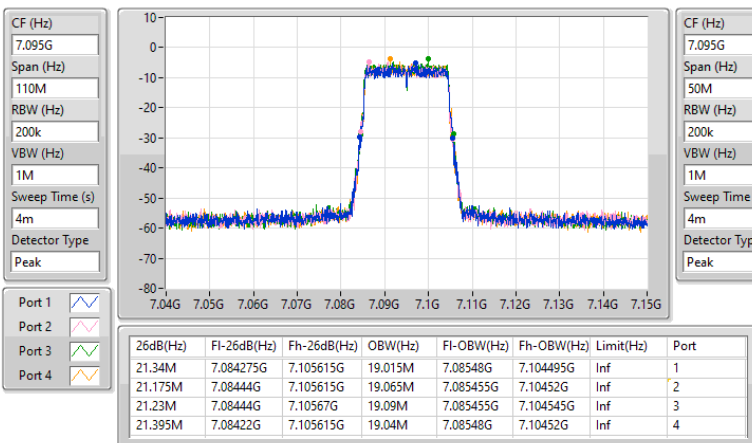


6.875-7.125GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

7095MHz

16/02/2025

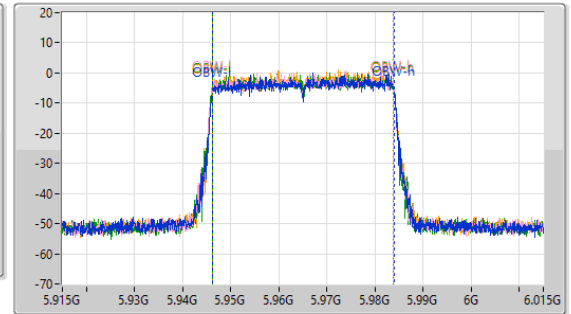
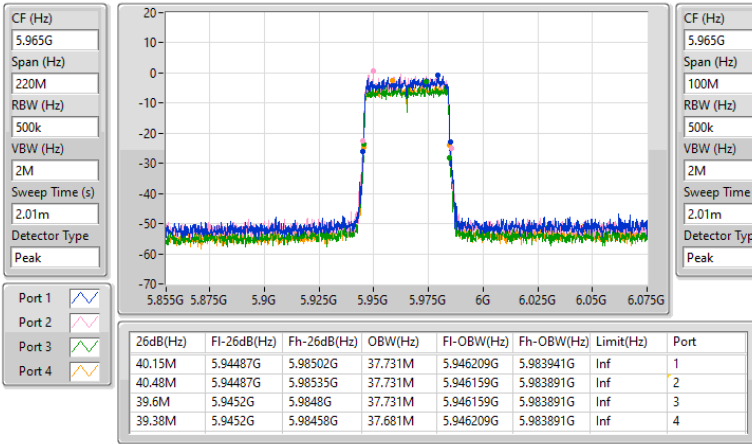


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

5965MHz

16/02/2025

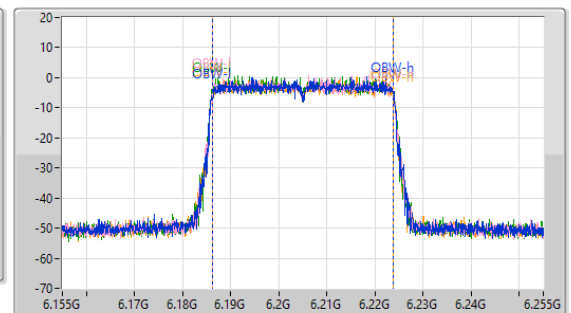
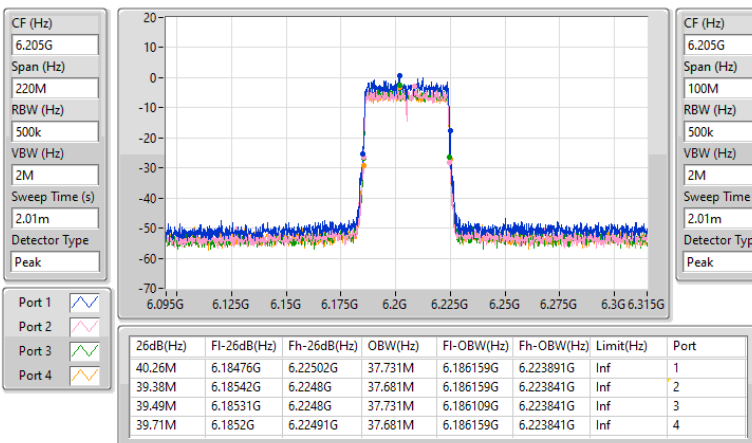


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6205MHz

16/02/2025

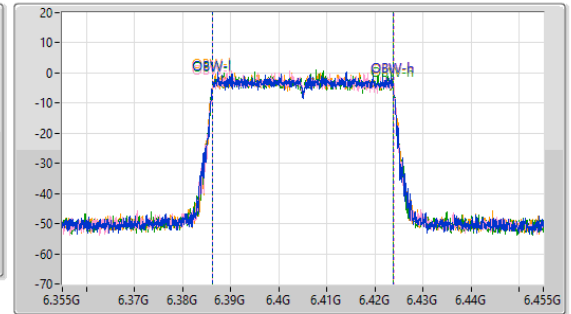
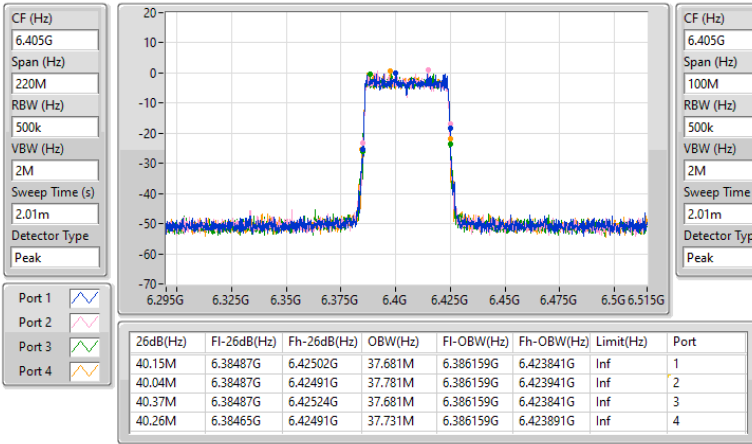


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

16/02/2025

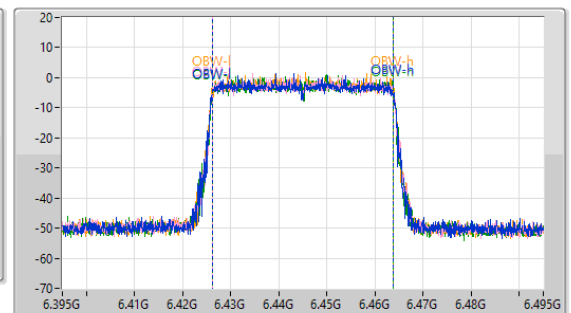
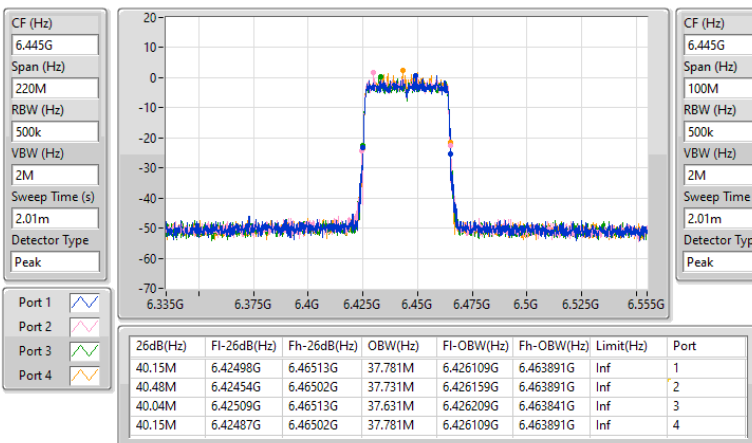


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6445MHz

16/02/2025

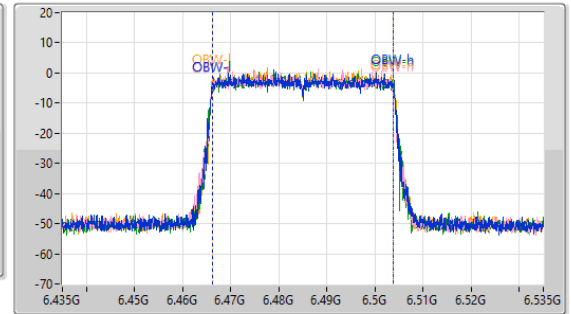
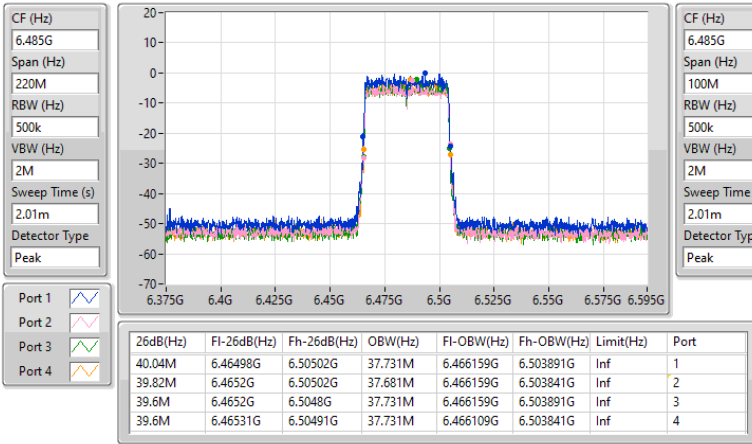


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6485MHz

16/02/2025

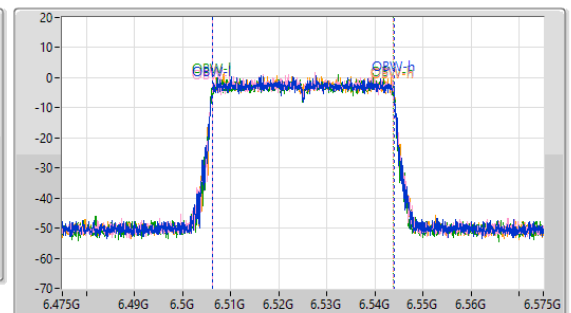
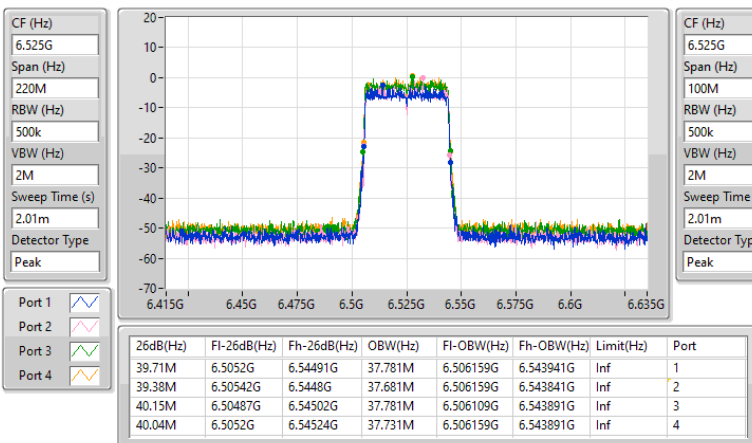


6.425-6.525GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6525MHz

16/02/2025

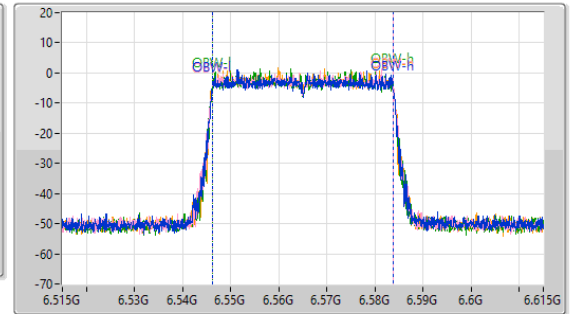


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6565MHz

16/02/2025

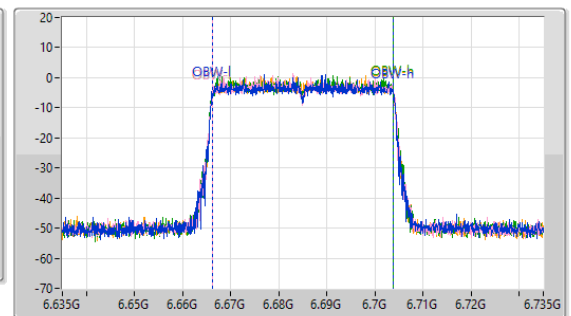
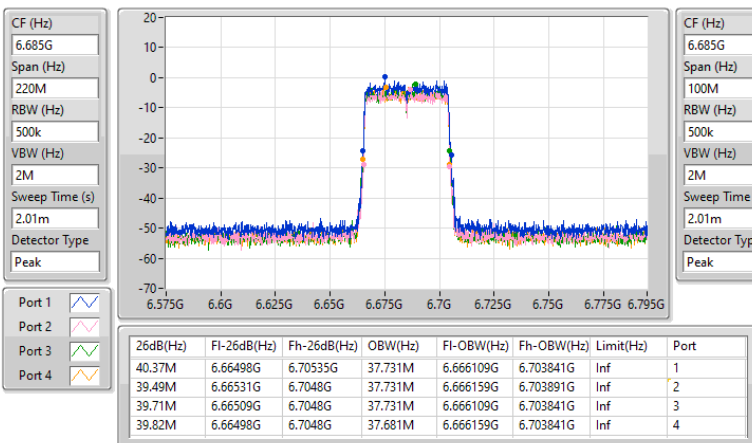


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

16/02/2025

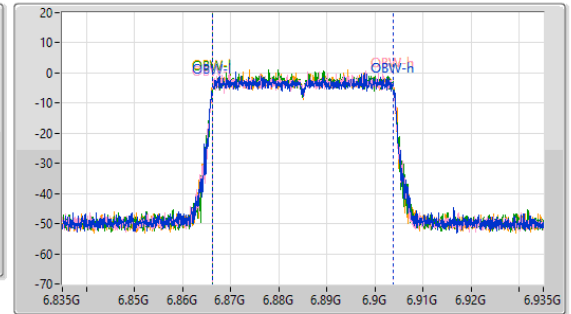
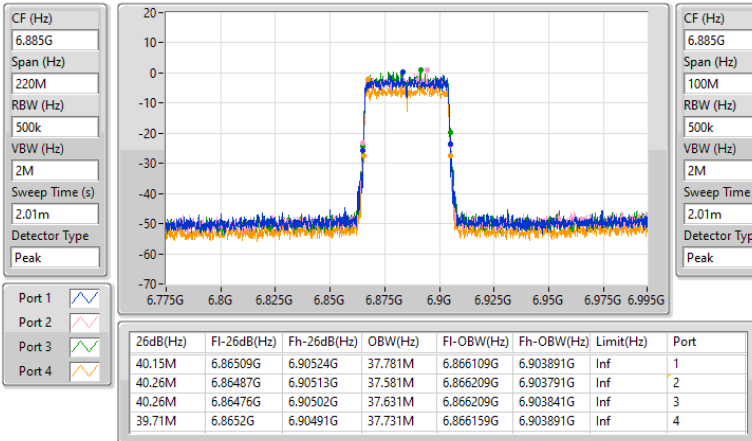


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6885MHz

16/02/2025

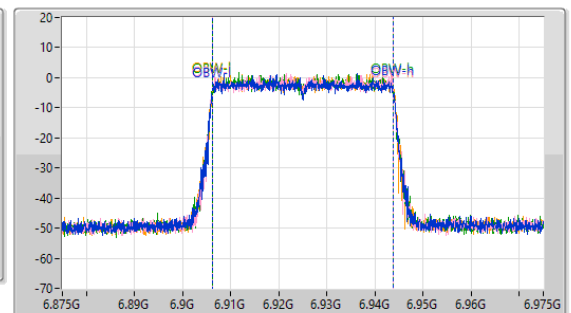
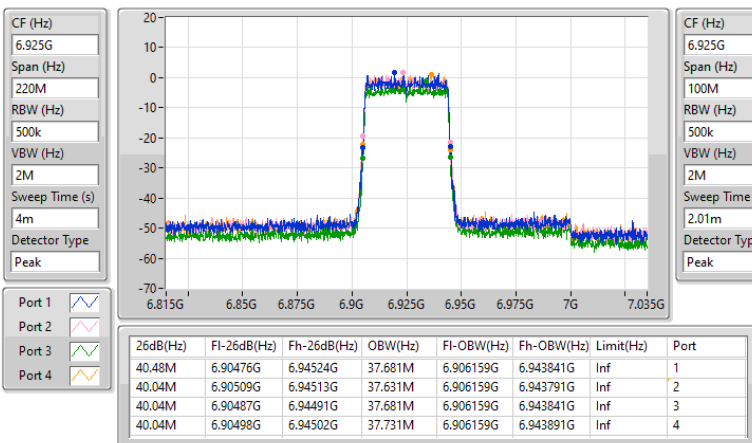


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6925MHz

16/02/2025

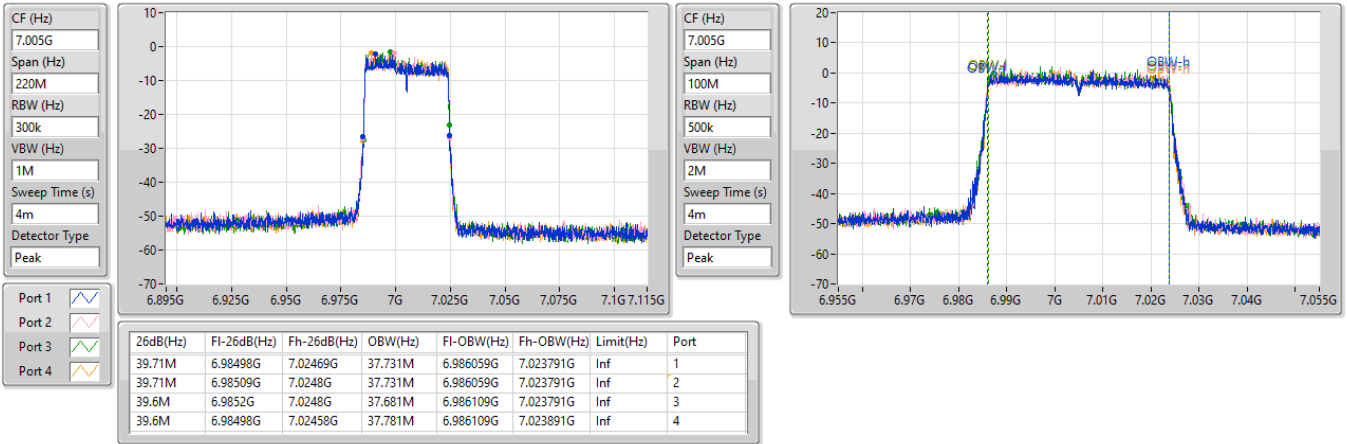


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7005MHz

16/02/2025

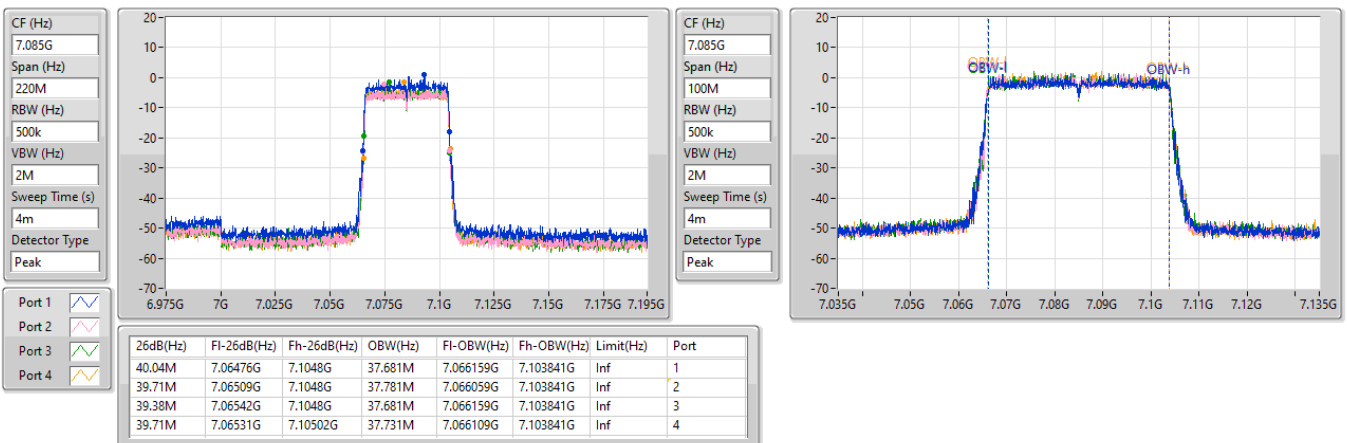


6.875-7.125GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

7085MHz

16/02/2025

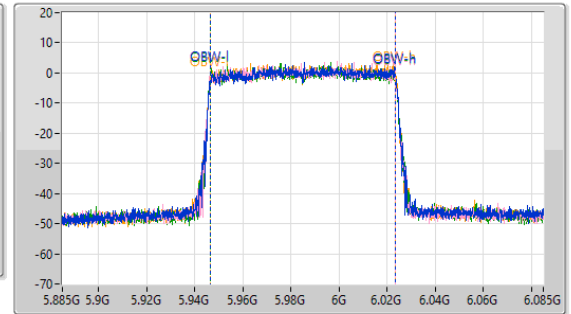
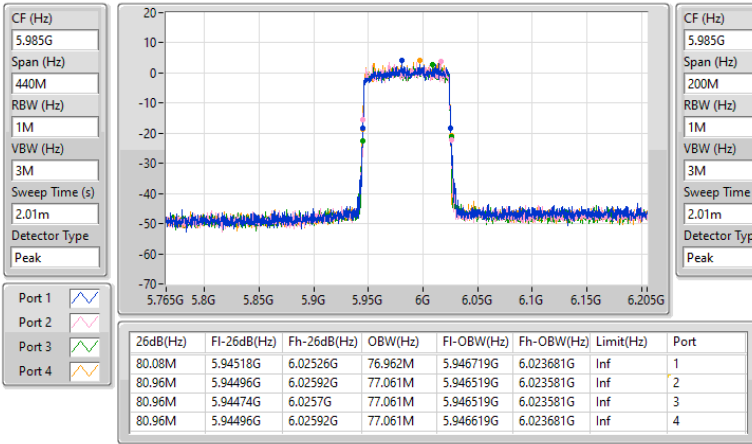


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

5985MHz

16/02/2025

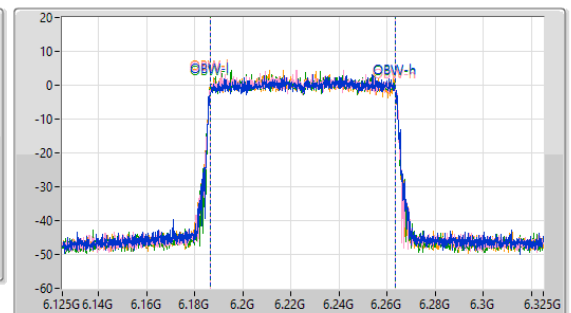
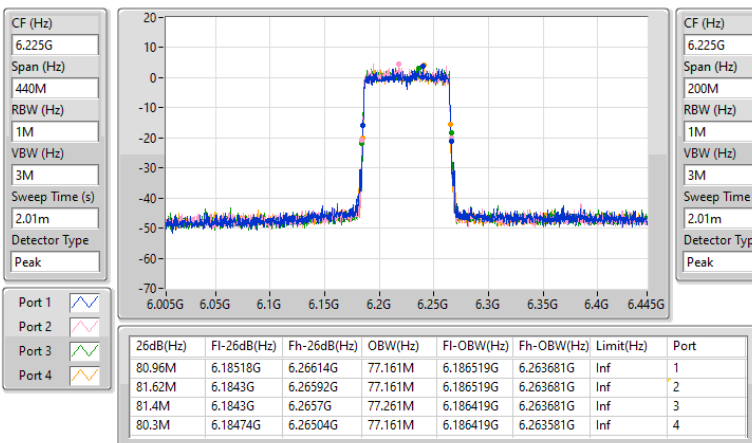


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6225MHz

16/02/2025

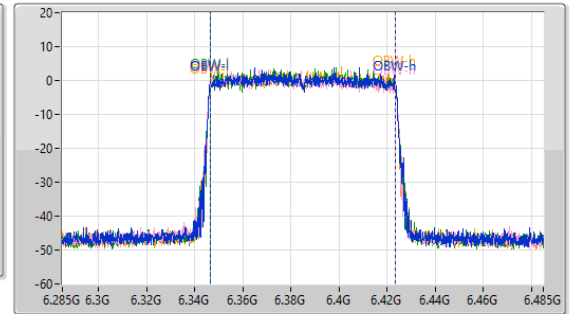
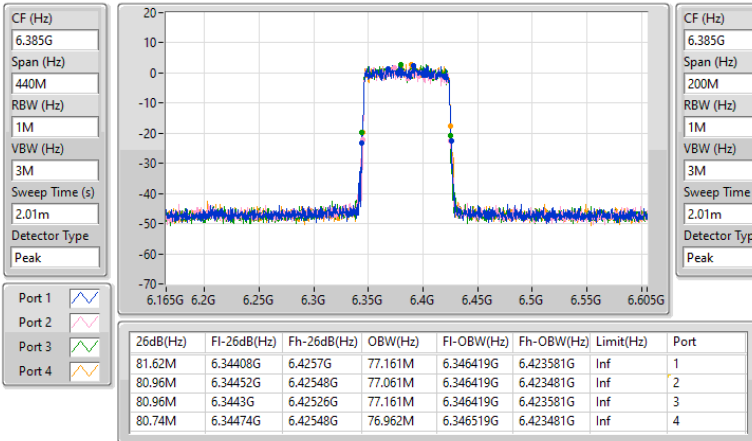


5.925-6.425GHz_802.11be EHT80-BF_Nss1.(MCS0)_4TX

EBW

6385MHz

16/02/2025

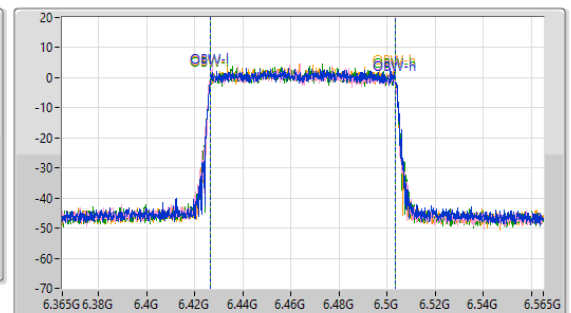
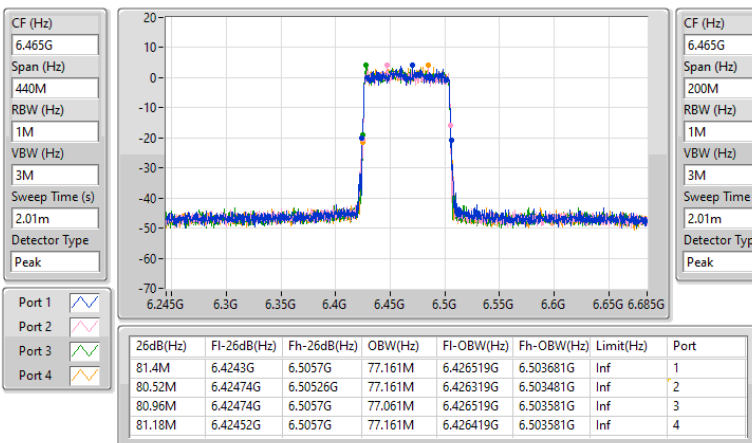


6.425-6.525GHz_802.11be EHT80-BF_Nss1.(MCS0)_4TX

EBW

6465MHz

16/02/2025

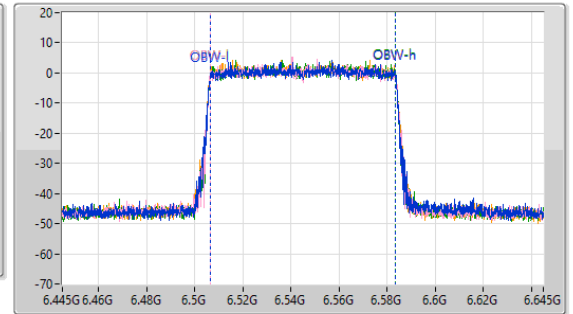
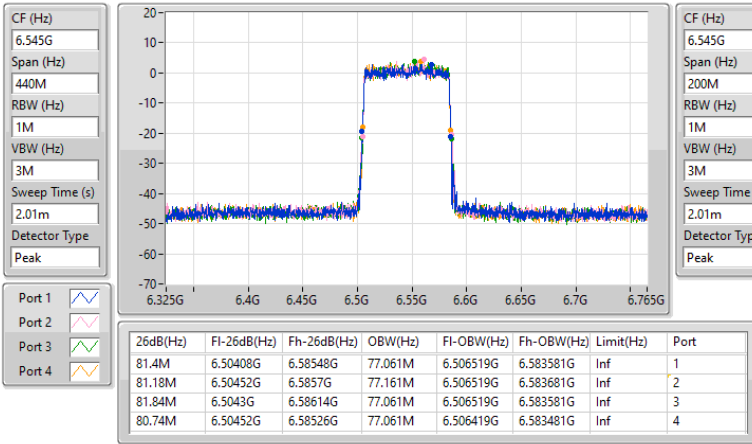


6.425-6.525GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6545MHz

16/02/2025

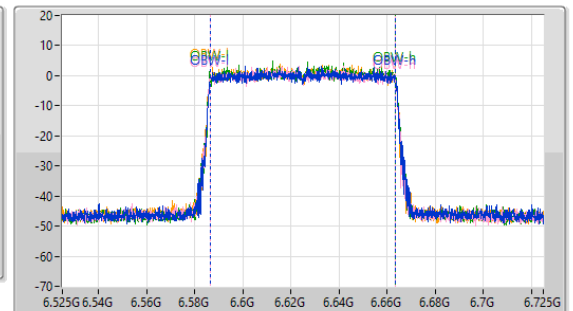
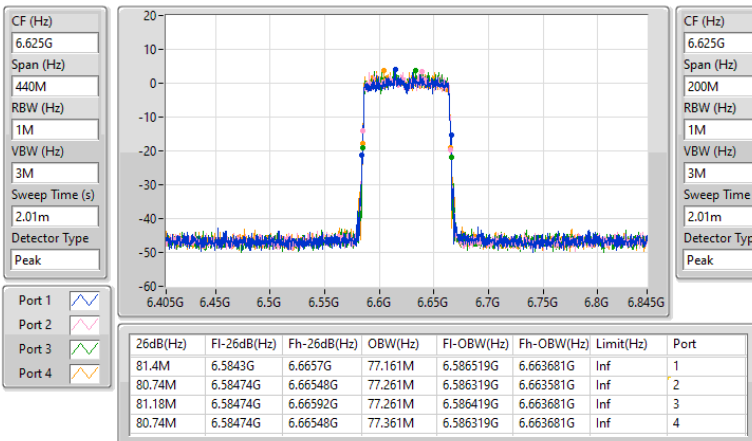


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

16/02/2025

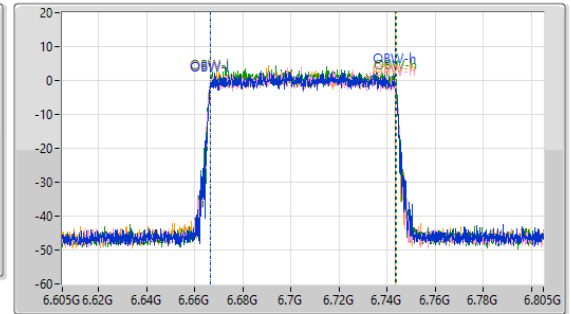
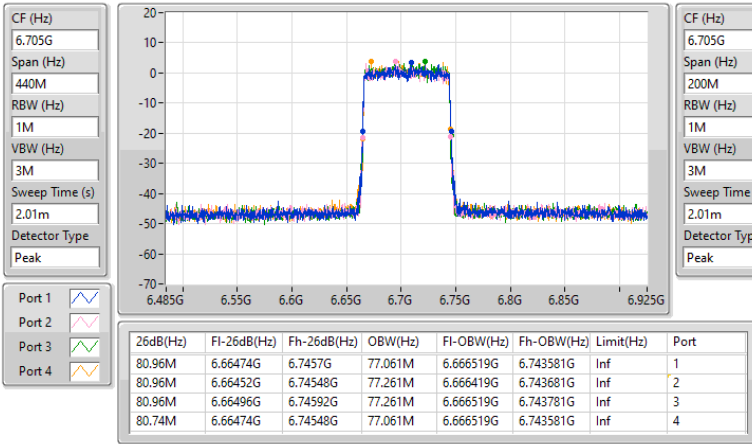


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

16/02/2025

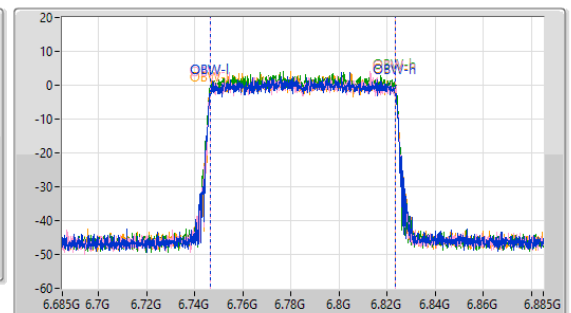
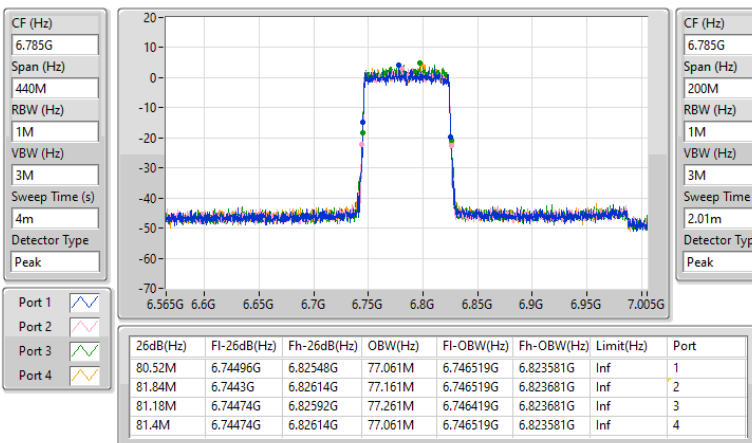


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

16/02/2025

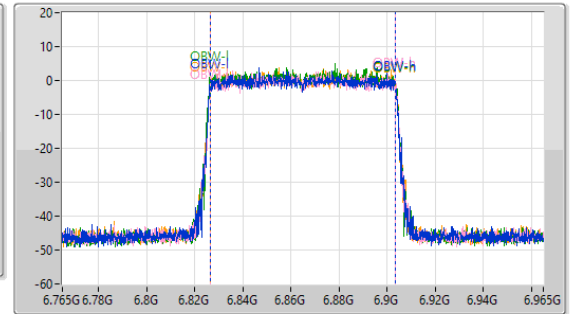
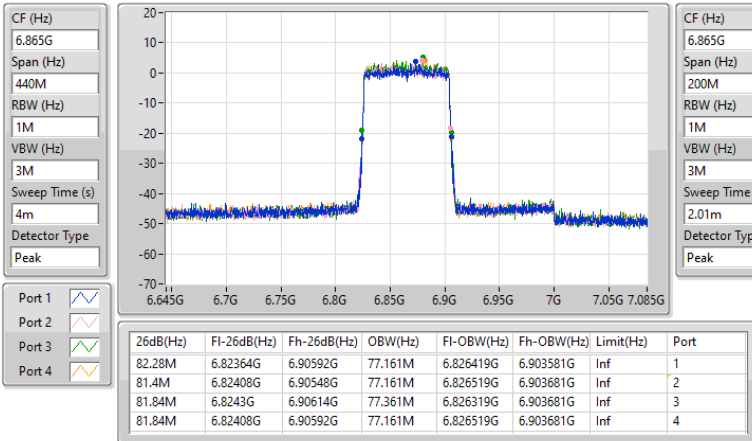


6.525-6.875GHz_802.11be EHT80-BF_Nss1.(MCS0)_4TX

EBW

6865MHz

16/02/2025

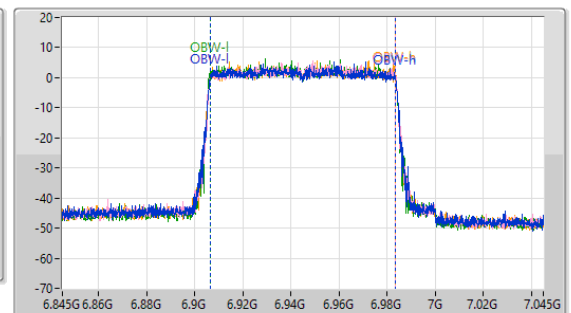
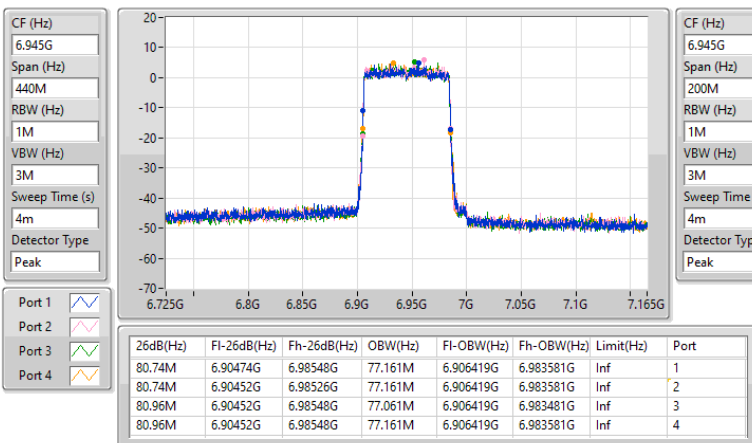


6.875-7.125GHz_802.11be EHT80-BF_Nss1.(MCS0)_4TX

EBW

6945MHz

16/02/2025

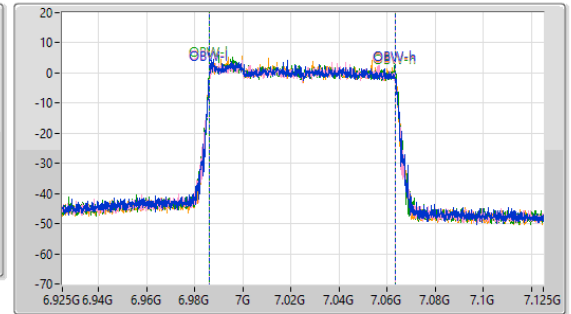
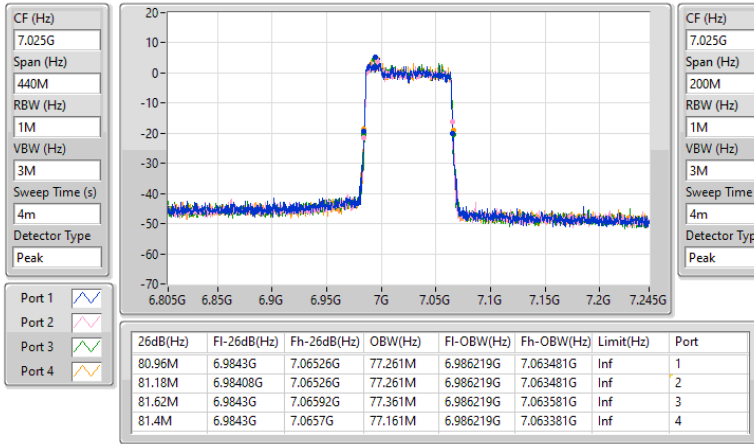


6.875-7.125GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

7025MHz

16/02/2025

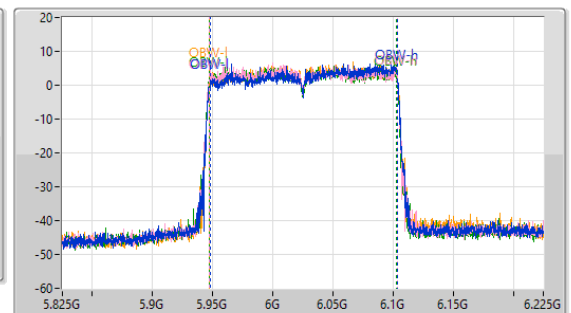
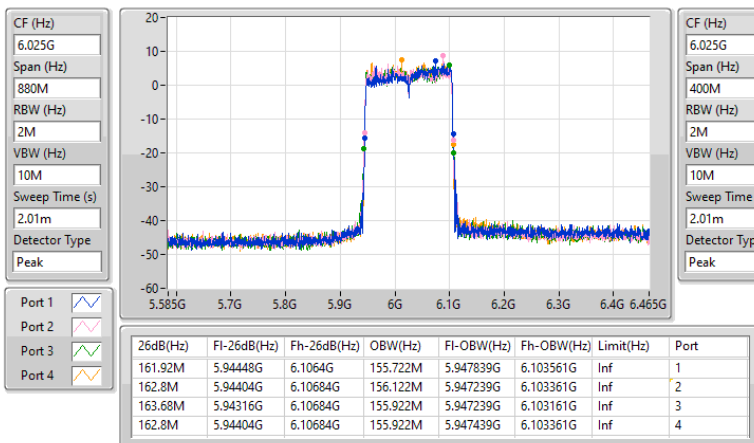


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6025MHz

16/02/2025

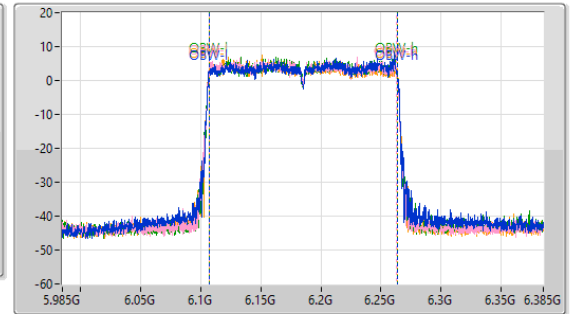
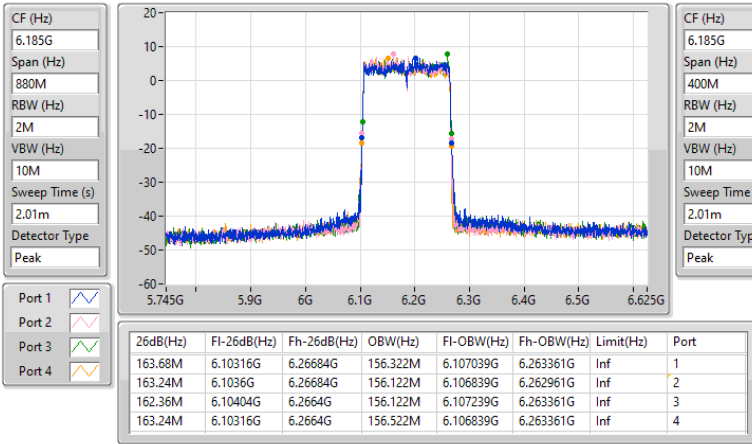


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

16/02/2025

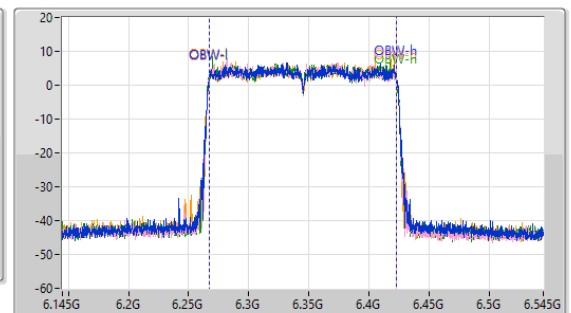
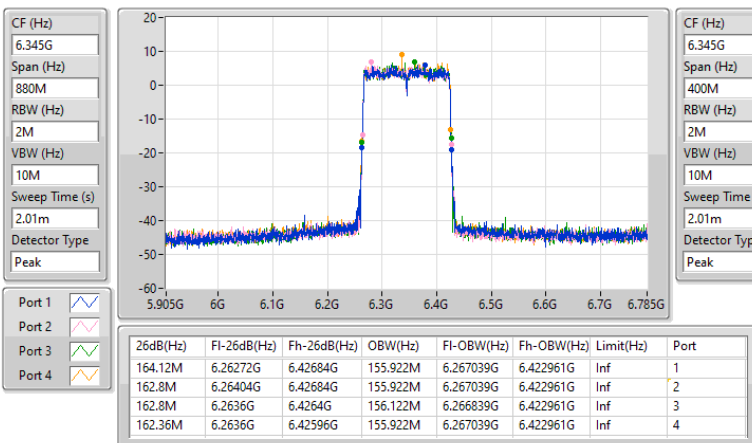


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

16/02/2025

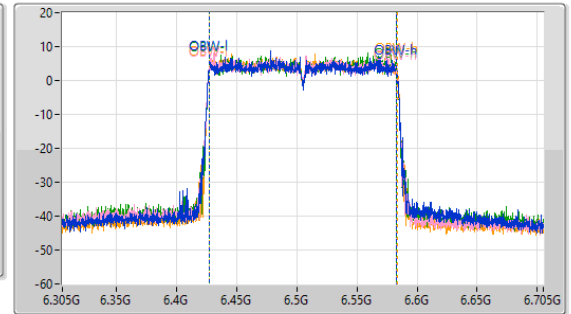
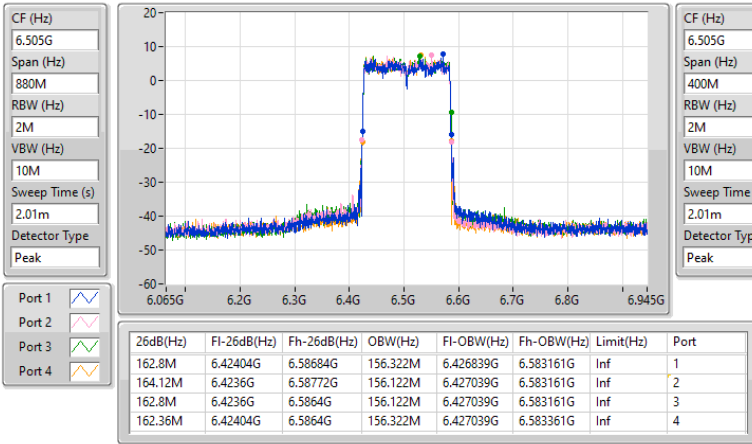


6.425-6.525GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6505MHz

16/02/2025

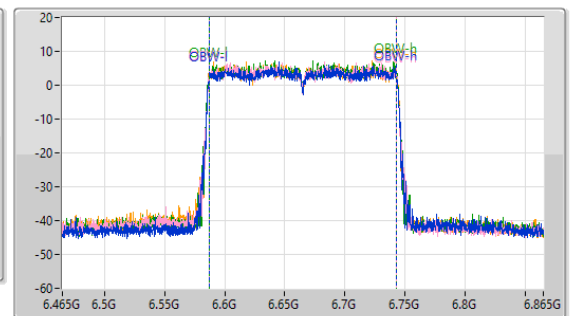
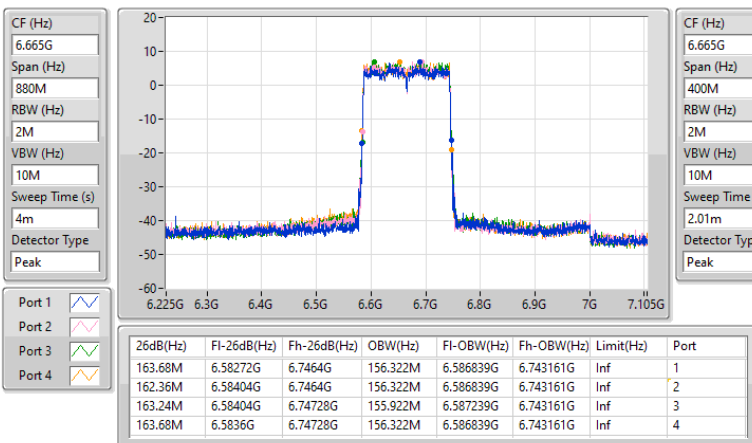


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

16/02/2025

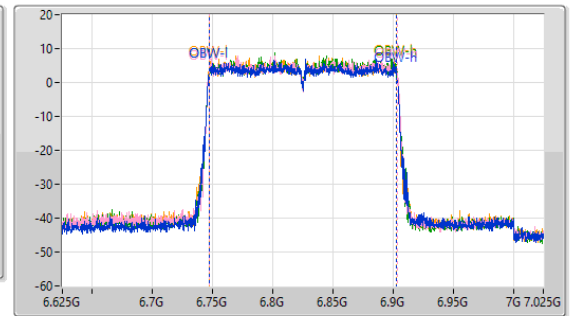
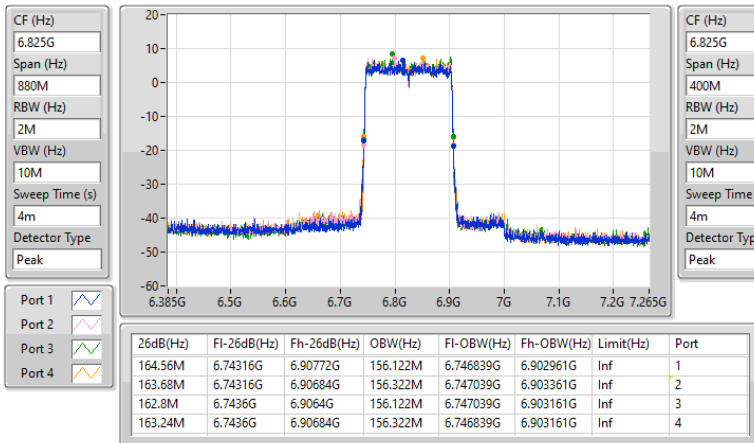


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6825MHz

16/02/2025

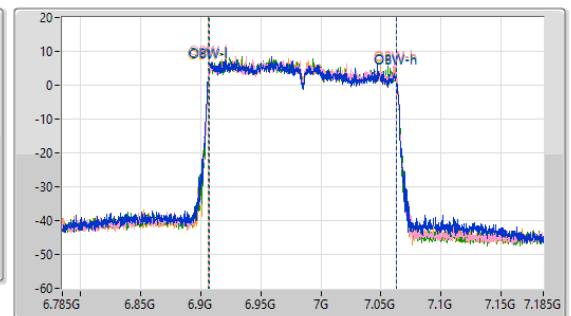
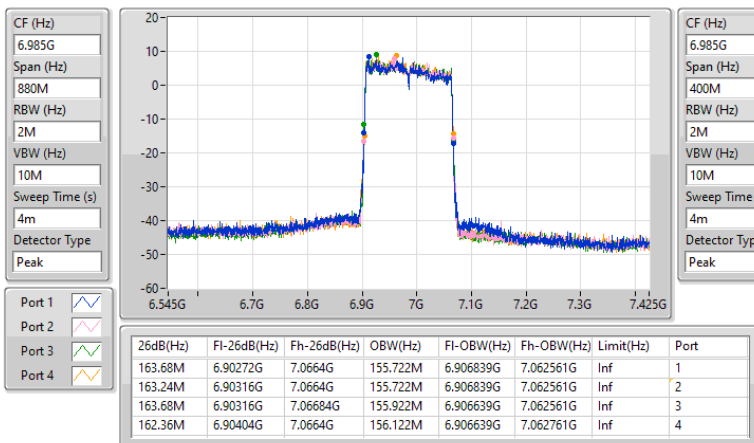


6.875-7.125GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

16/02/2025

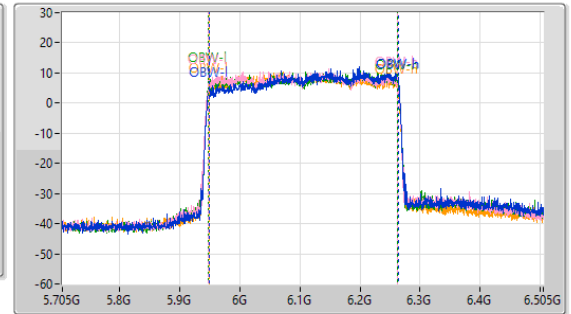
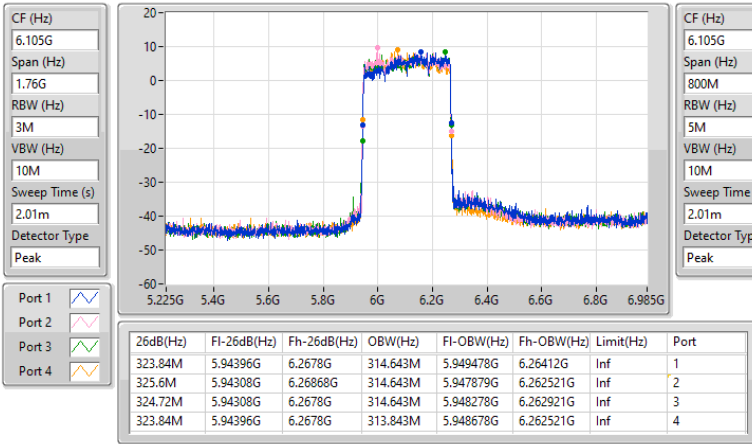


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6105MHz

16/02/2025

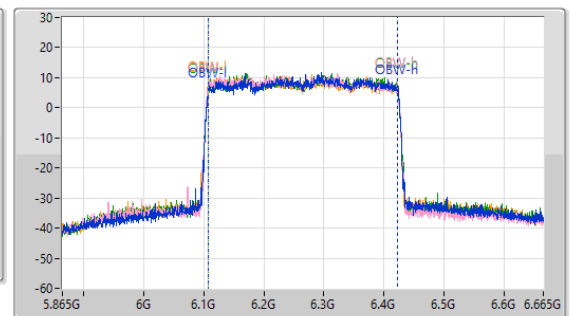
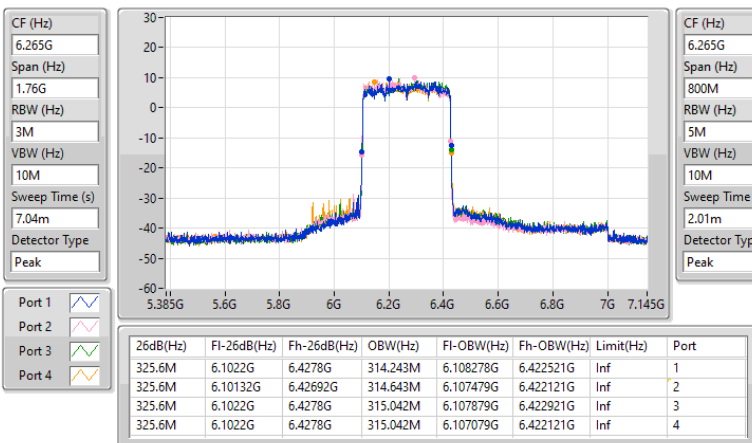


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6265MHz

16/02/2025

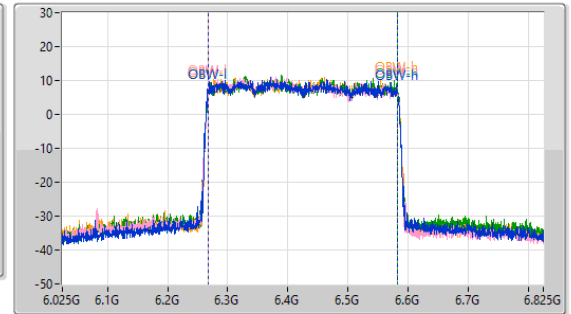
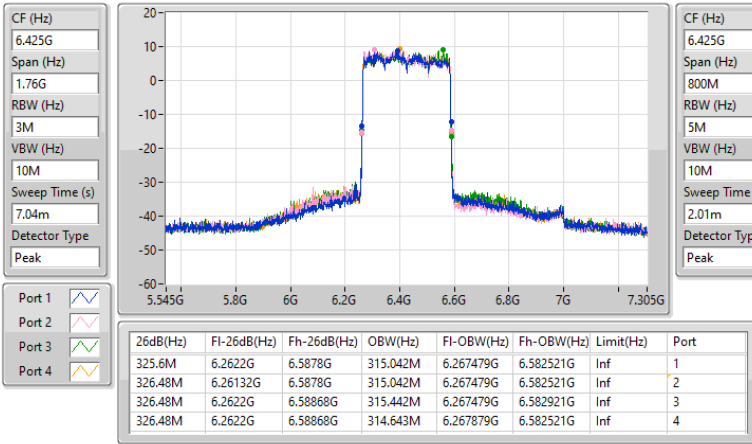


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6425MHz

16/02/2025

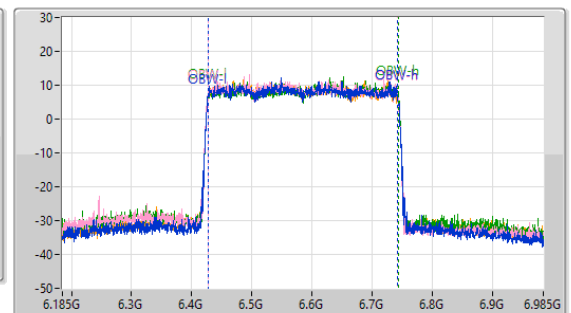
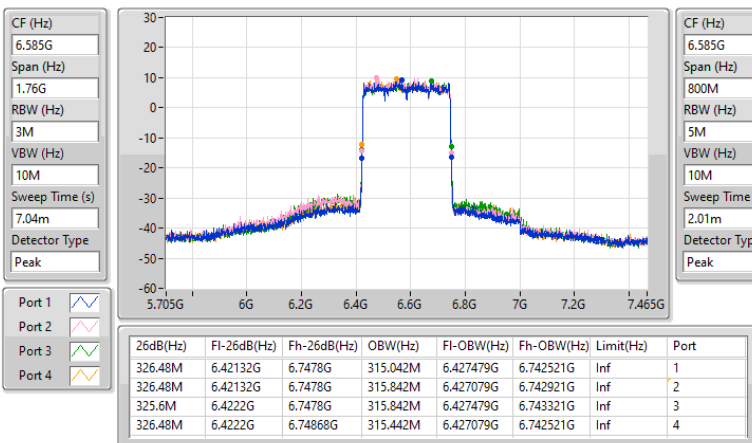


6.425-6.525GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6585MHz

16/02/2025

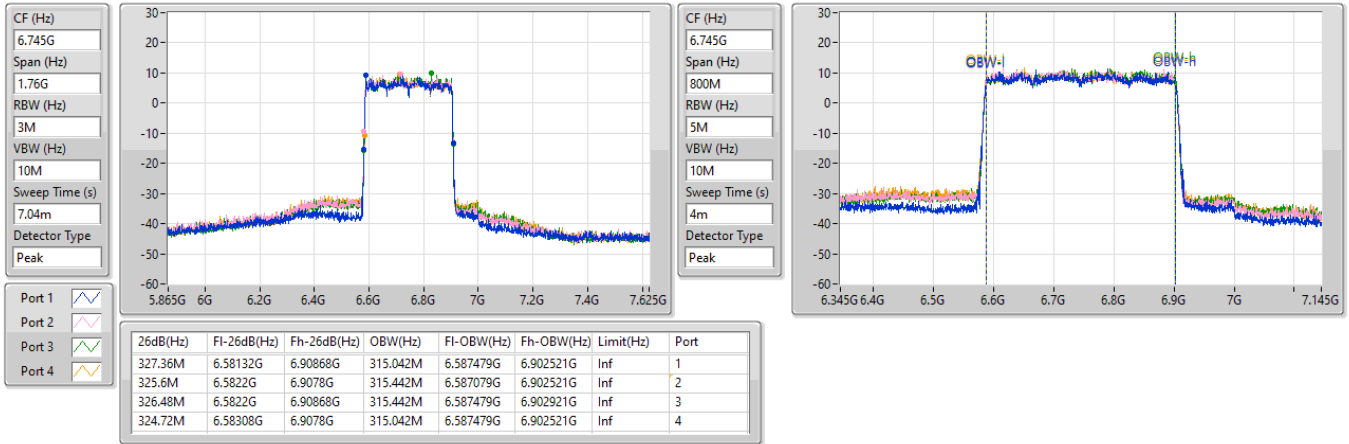


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6745MHz

16/02/2025

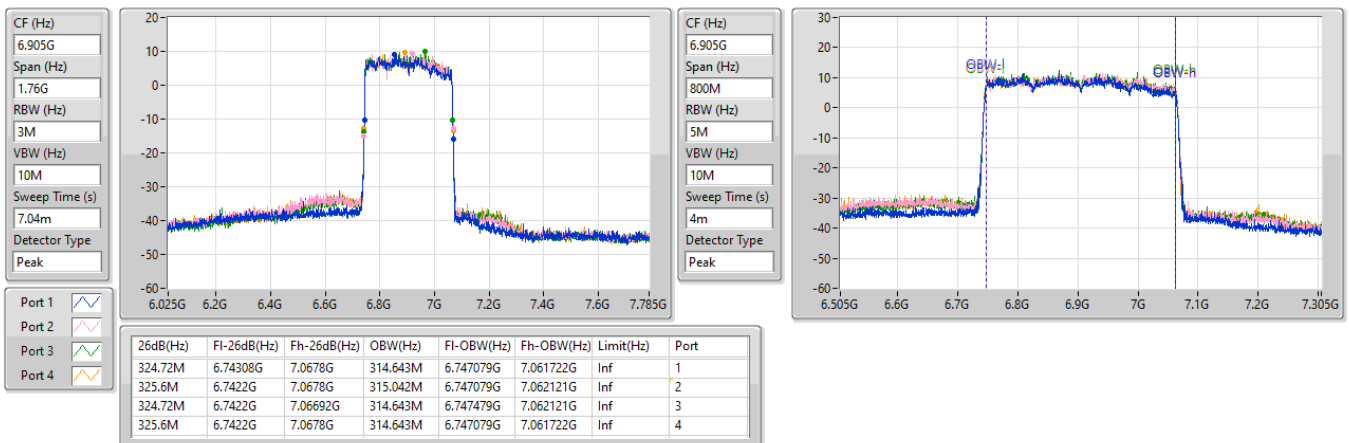


6.525-6.875GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6905MHz

16/02/2025

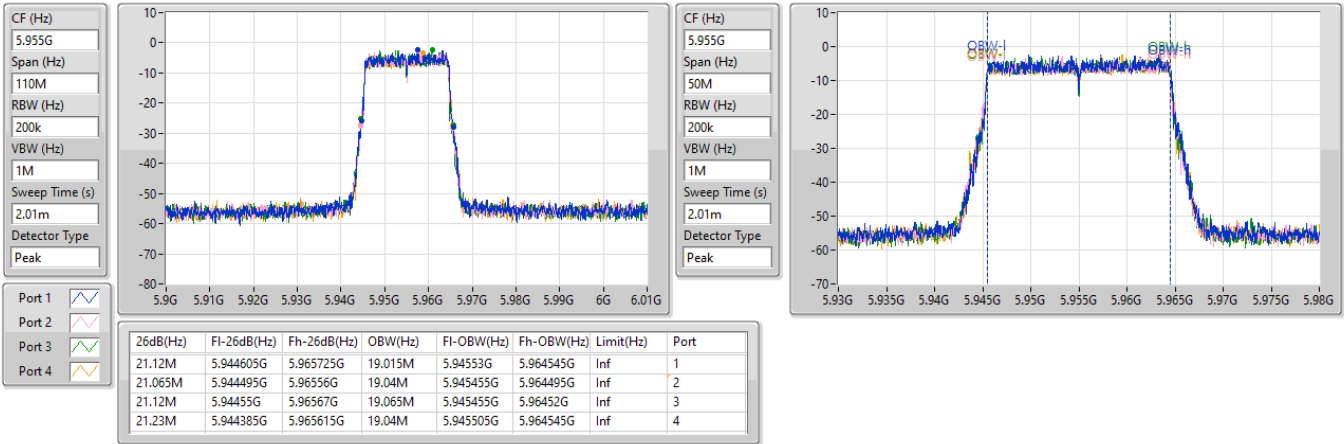


5.925-6.425GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

5955MHz

16/02/2025

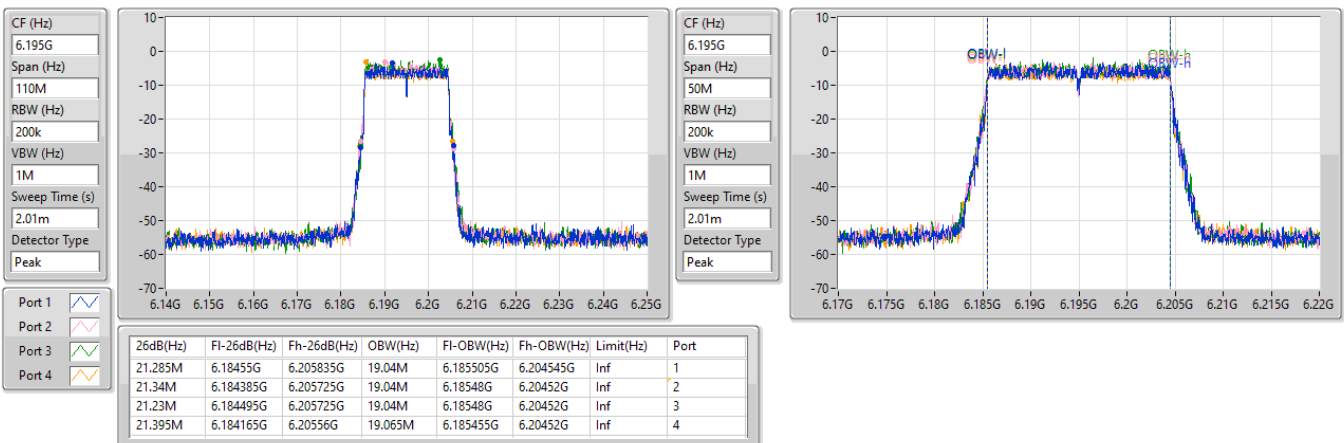


5.925-6.425GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6195MHz

16/02/2025

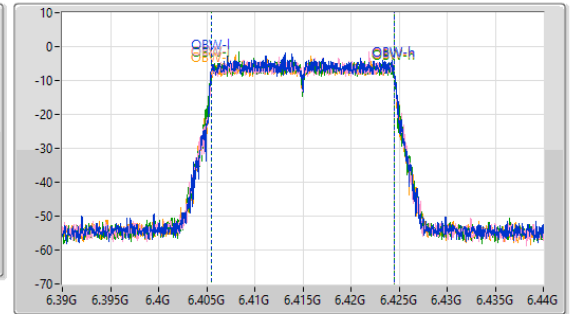
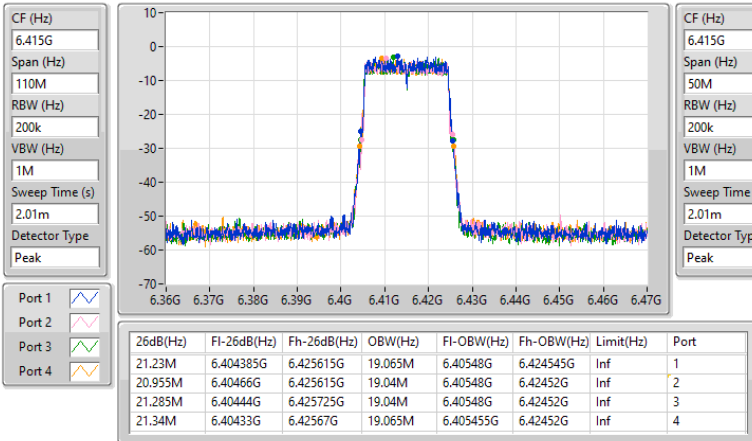


5.925-6.425GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6415MHz

16/02/2025

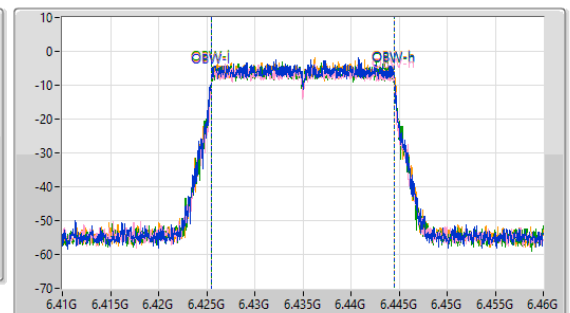
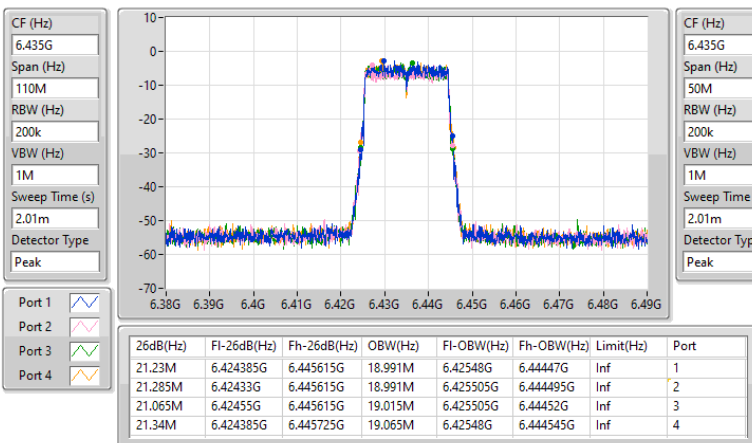


6.425-6.525GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6435MHz

16/02/2025

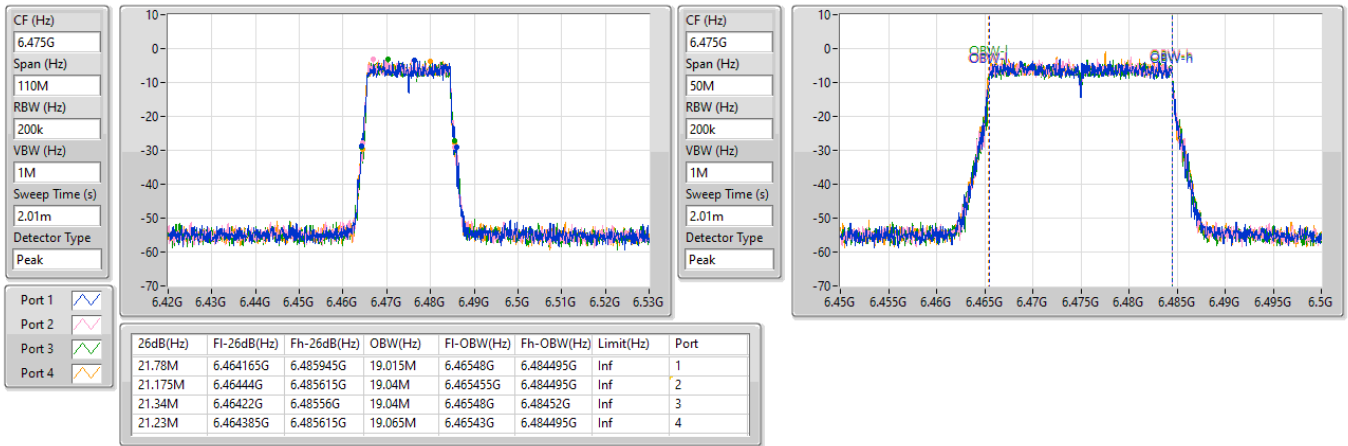


6.425-6.525GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6475MHz

16/02/2025

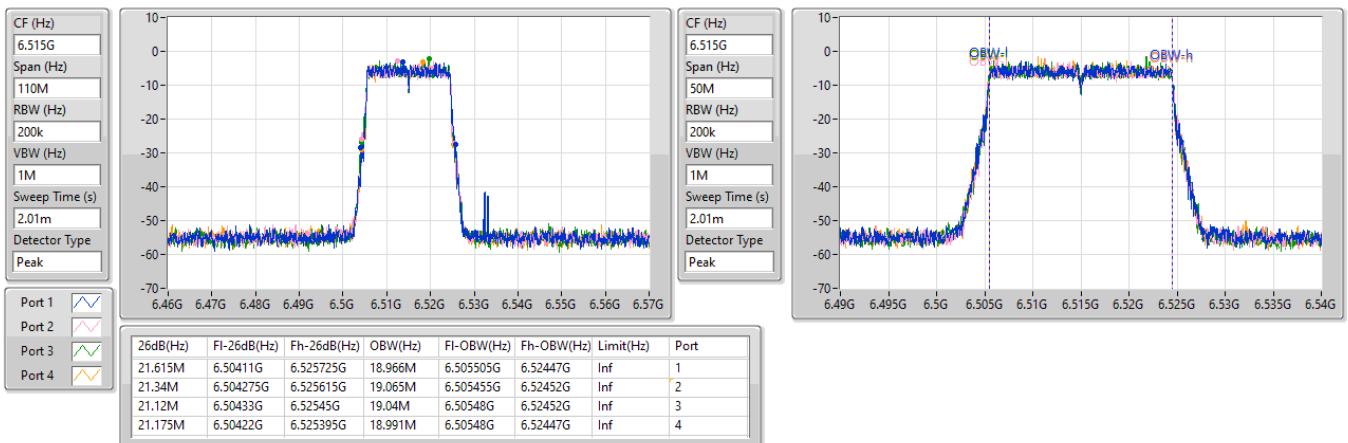


6.425-6.525GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6515MHz

16/02/2025

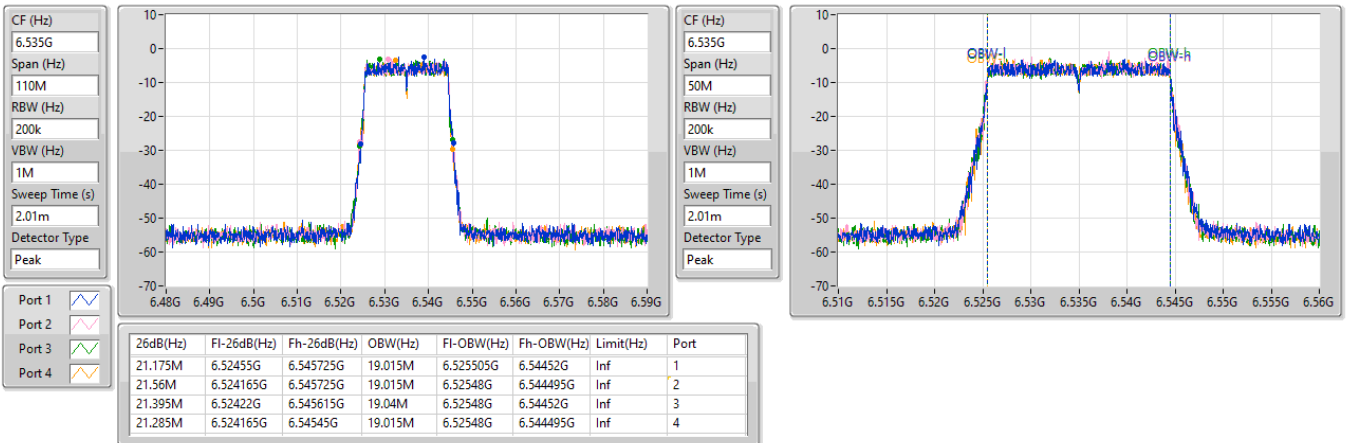


6.525-6.875GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6535MHz

16/02/2025

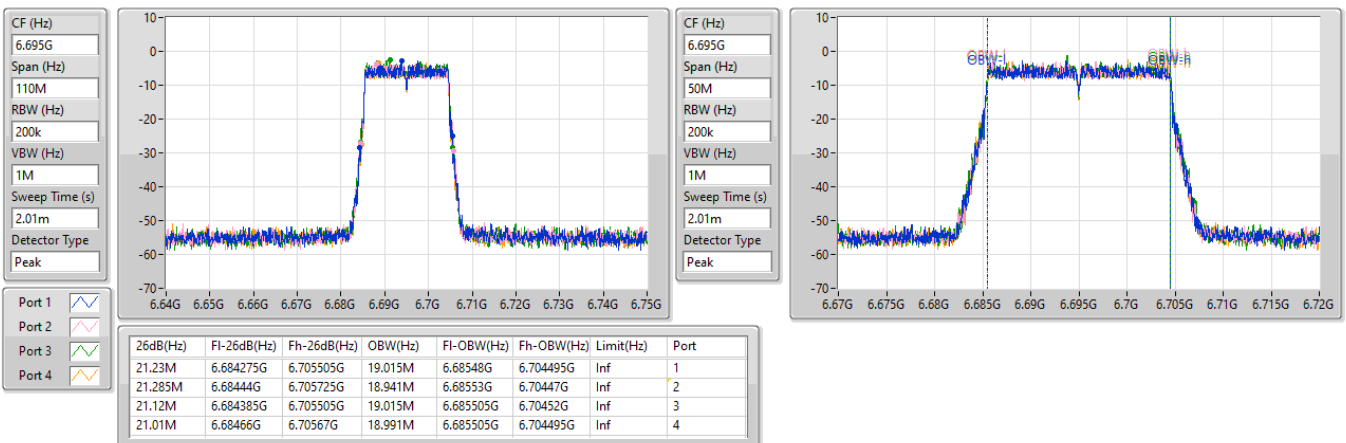


6.525-6.875GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6695MHz

16/02/2025

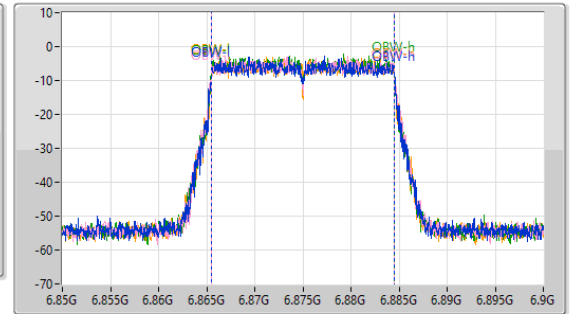
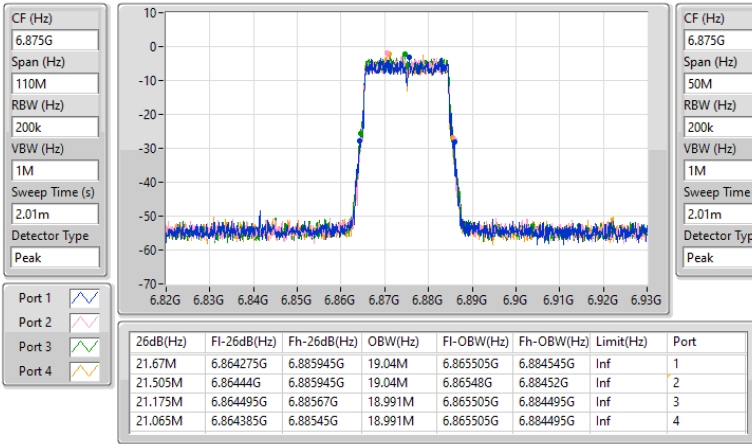


6.525-6.875GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6875MHz

16/02/2025

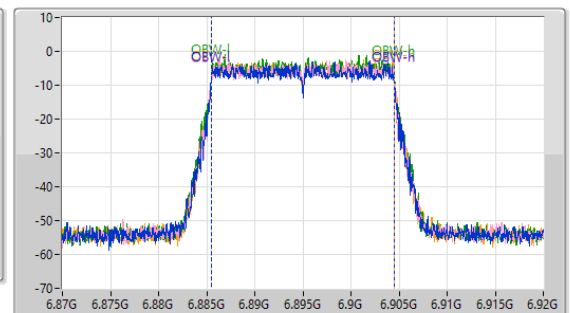
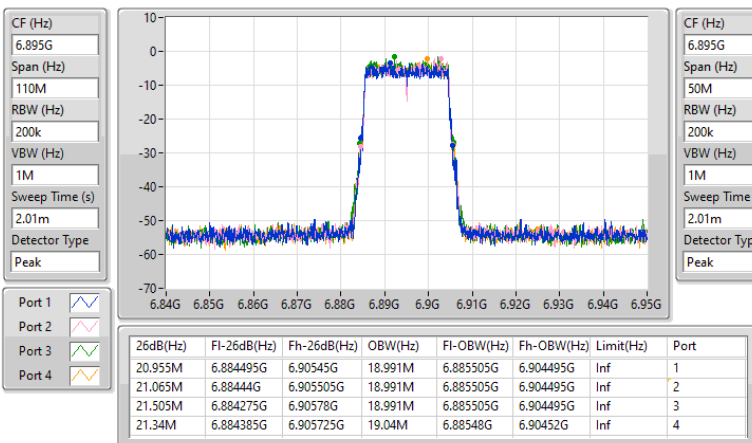


6.875-7.125GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6895MHz

16/02/2025

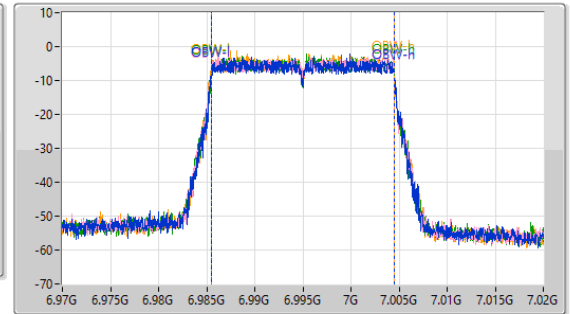
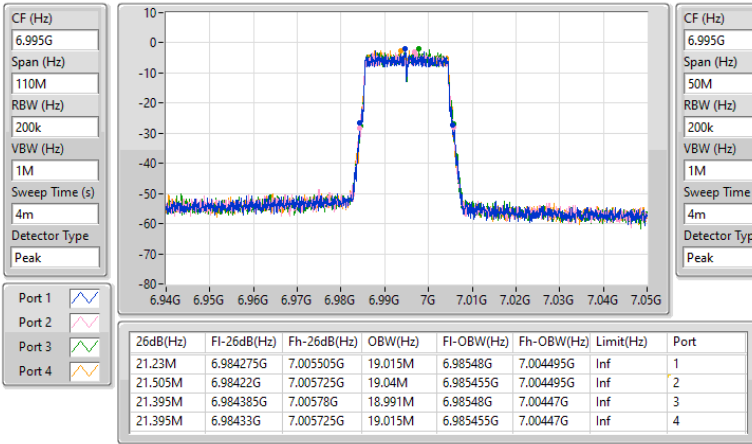


6.875-7.125GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6995MHz

16/02/2025

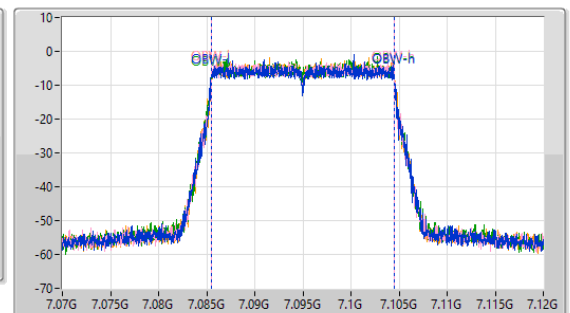
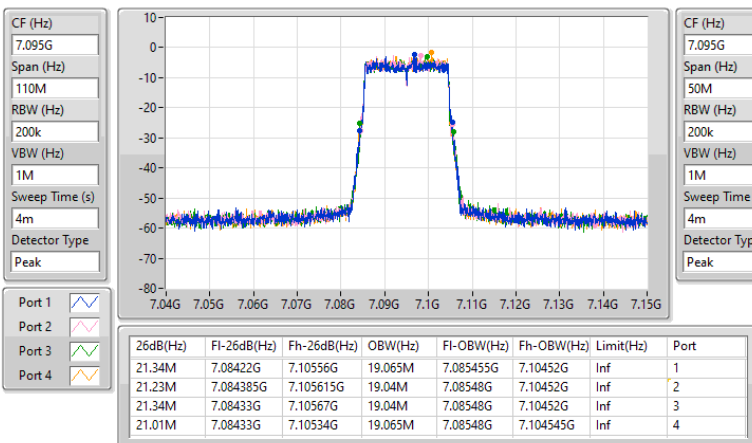


6.875-7.125GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

7095MHz

16/02/2025

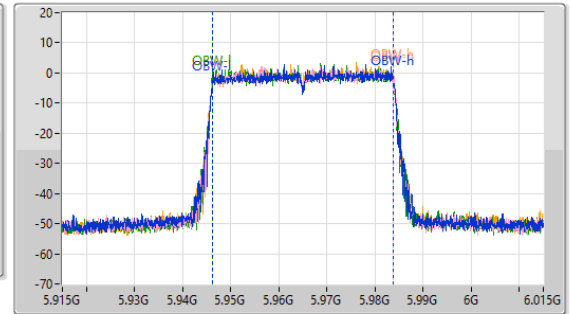
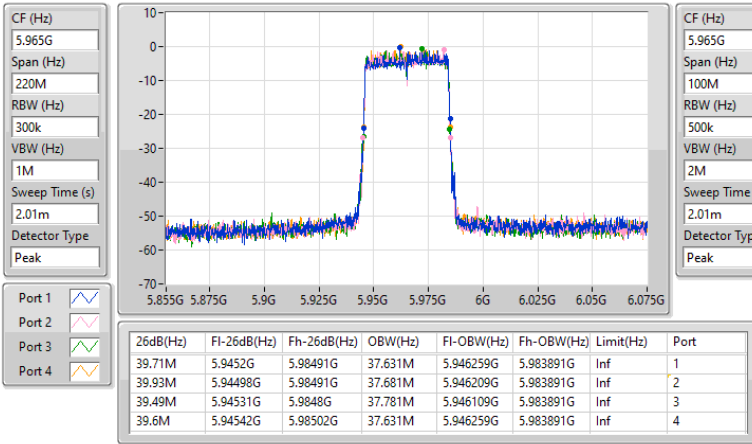


5.925-6.425GHz_802.11be EHT40-BF_Nss2_(MCS0)_4TX

EBW

5965MHz

16/02/2025

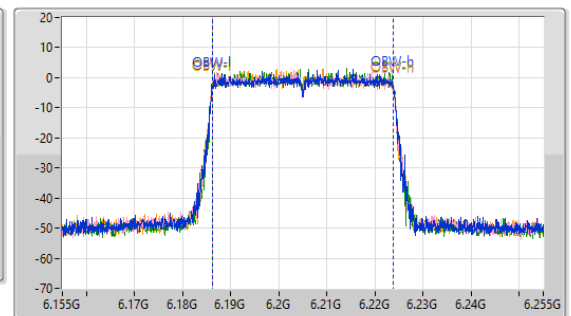
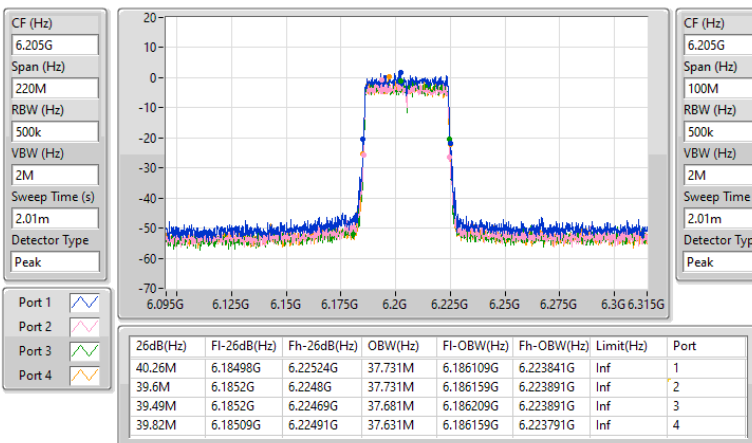


5.925-6.425GHz_802.11be EHT40-BF_Nss2_(MCS0)_4TX

EBW

6205MHz

16/02/2025

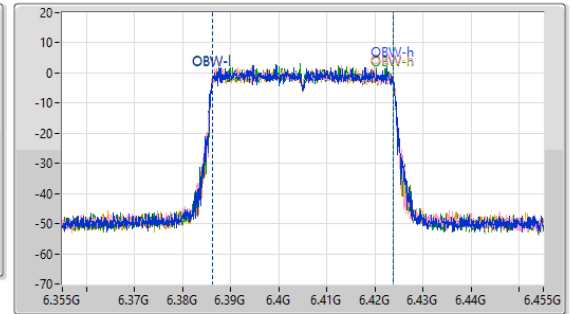
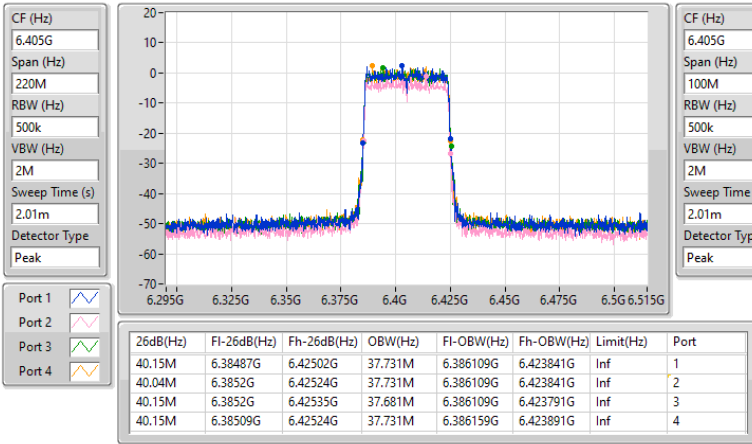


5.925-6.425GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6405MHz

16/02/2025

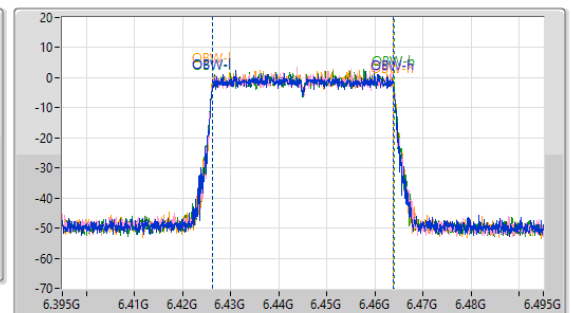
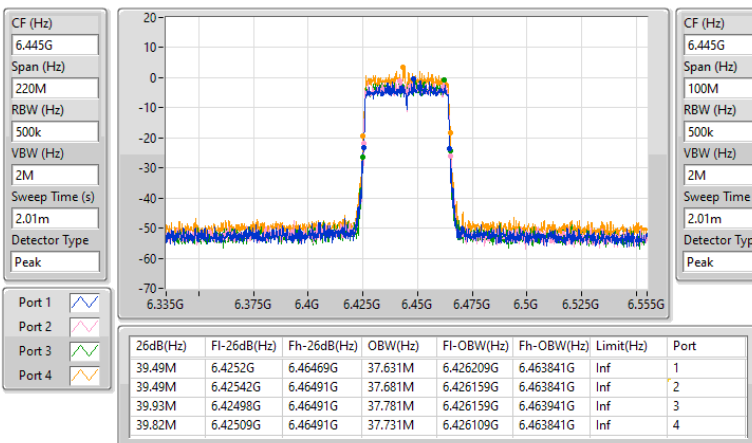


6.425-6.525GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6445MHz

16/02/2025

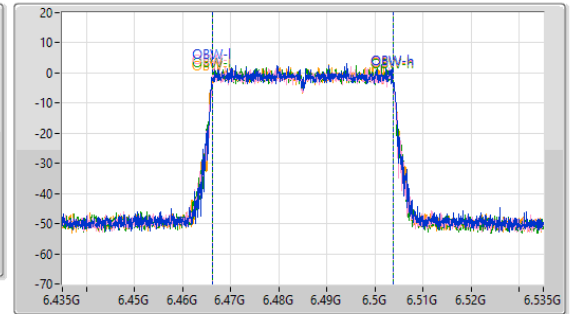
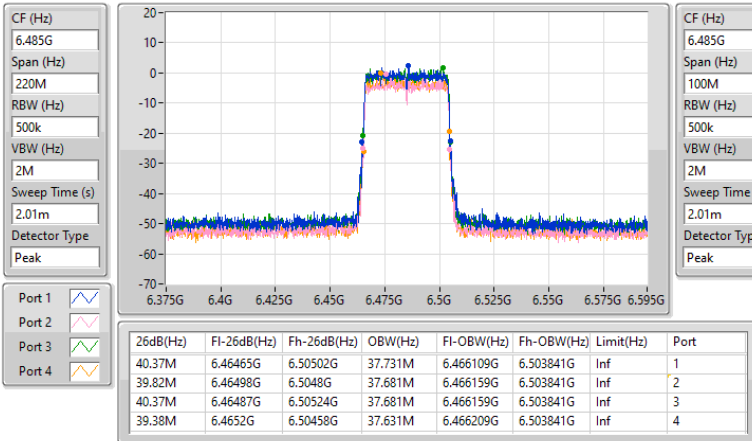


6.425-6.525GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6485MHz

16/02/2025

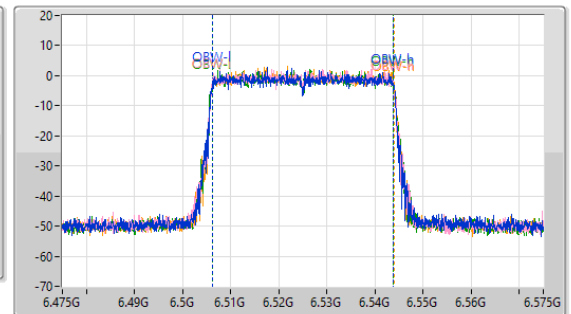
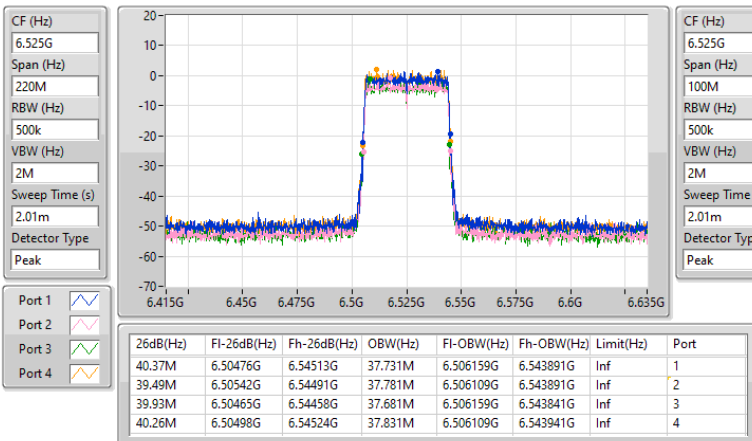


6.425-6.525GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6525MHz

16/02/2025

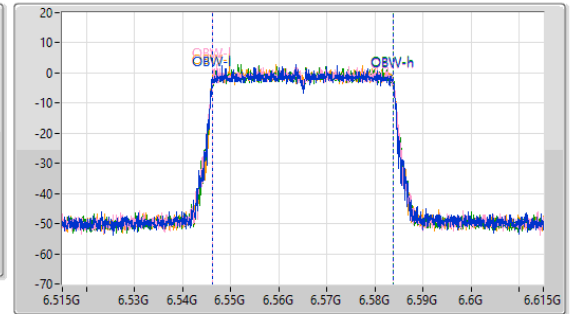
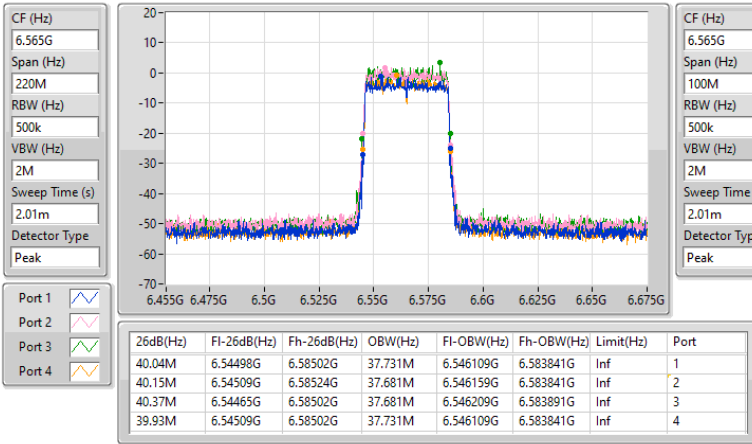


6.525-6.875GHz_802.11be EHT40-BF_Nss2_(MCS0)_4TX

EBW

6565MHz

16/02/2025

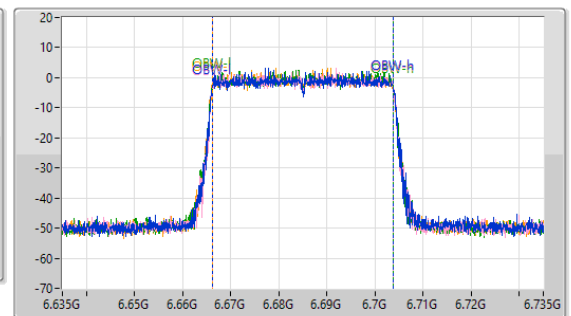
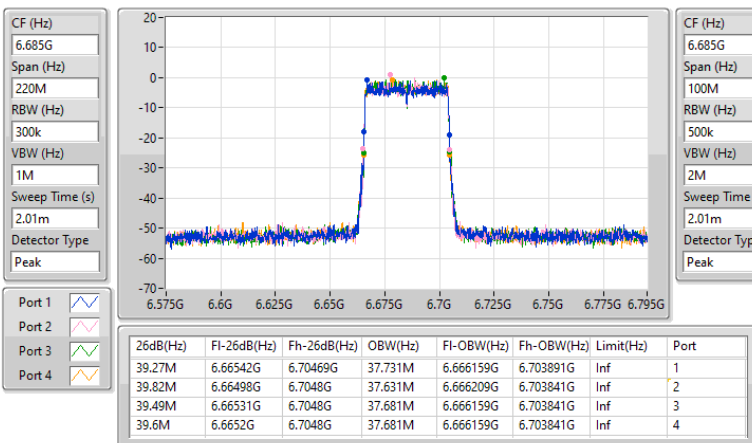


6.525-6.875GHz_802.11be EHT40-BF_Nss2_(MCS0)_4TX

EBW

6685MHz

16/02/2025

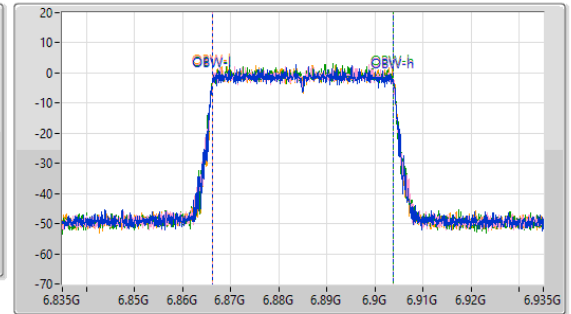
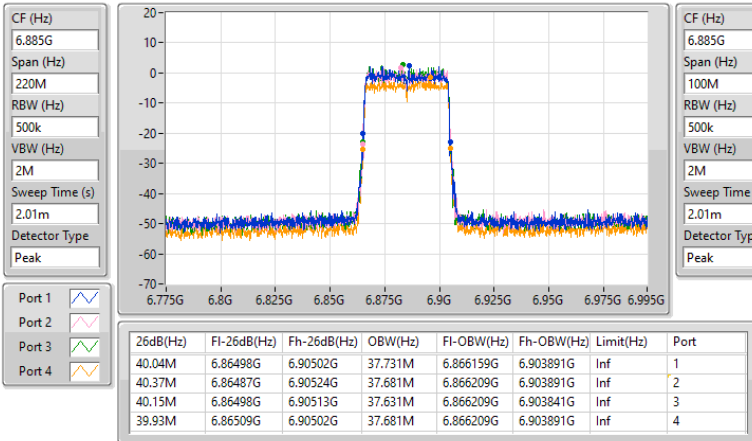


6.525-6.875GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6885MHz

16/02/2025

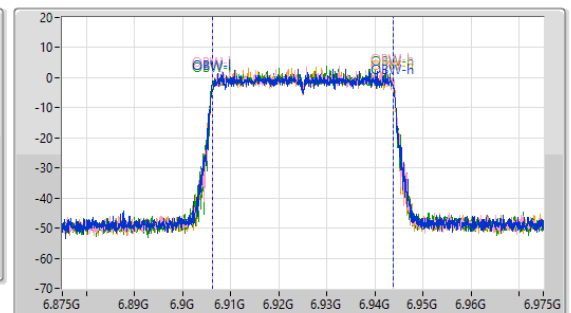
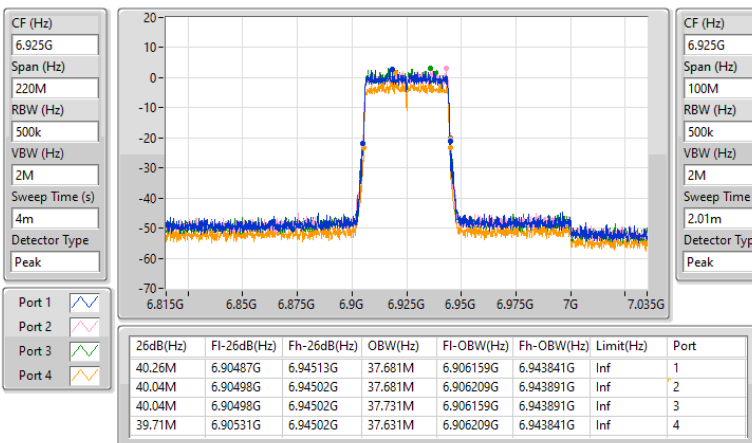


6.875-7.125GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6925MHz

16/02/2025

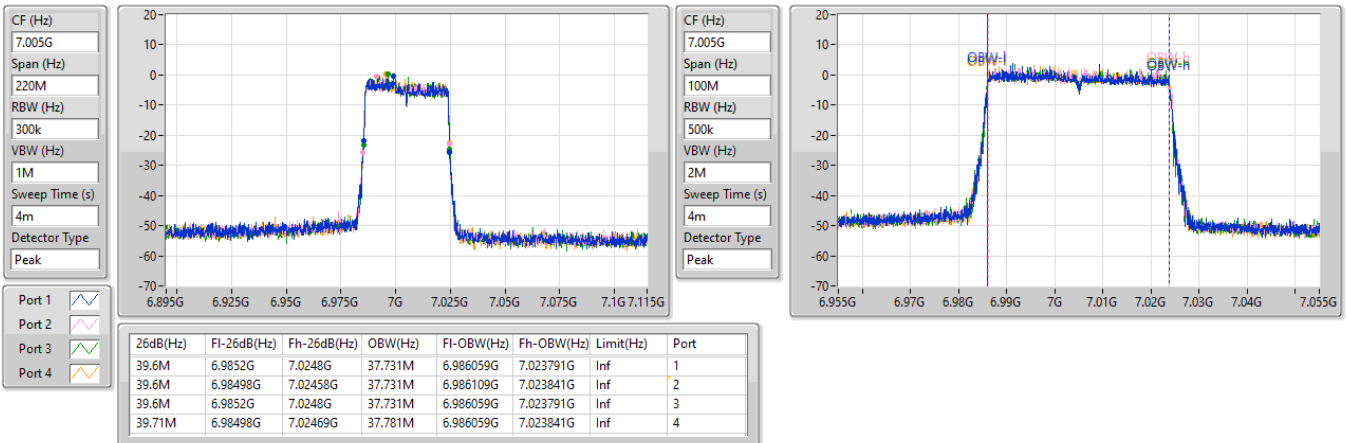


6.875-7.125GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

7005MHz

16/02/2025

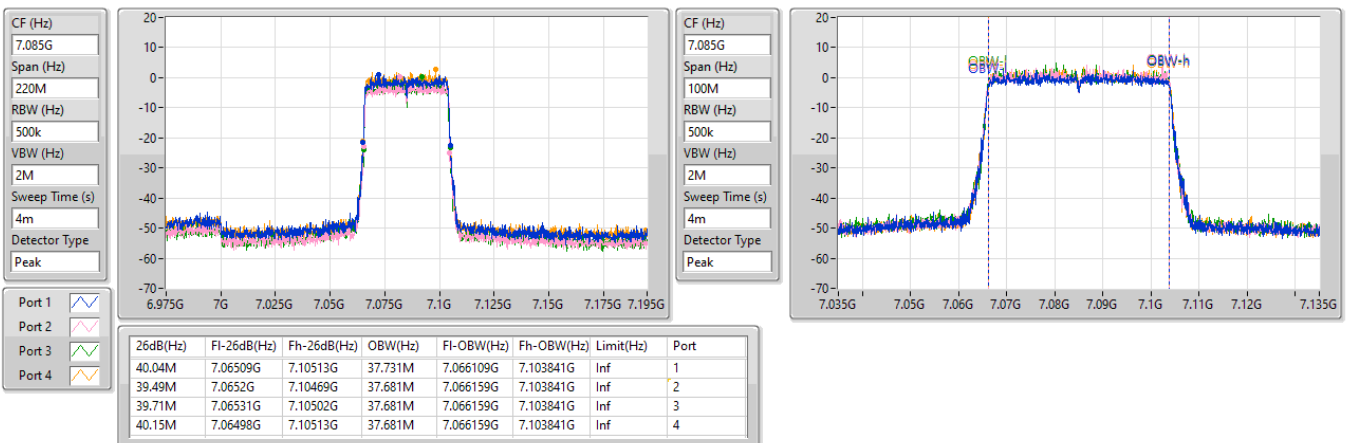


6.875-7.125GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

7085MHz

16/02/2025

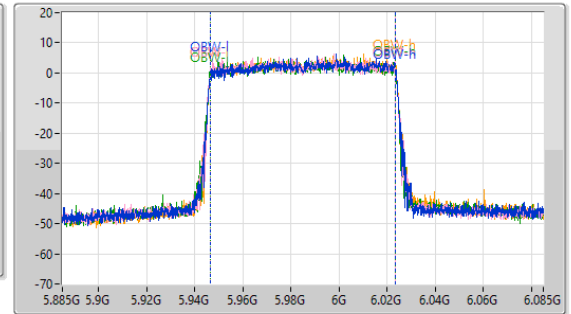
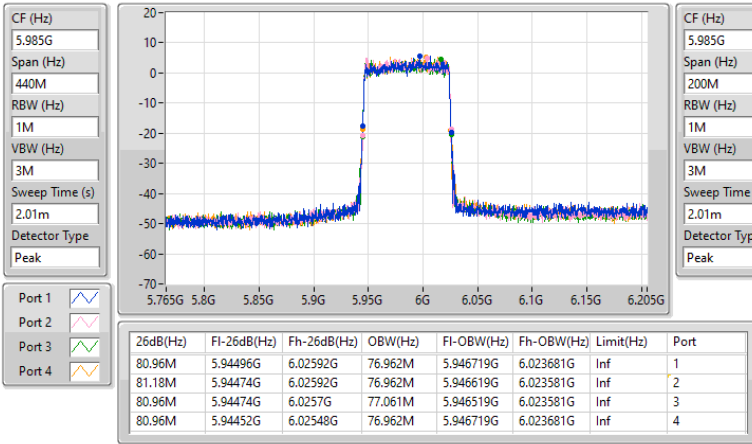


5.925-6.425GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

5985MHz

16/02/2025

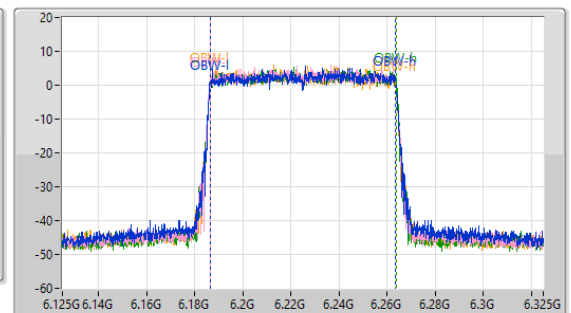
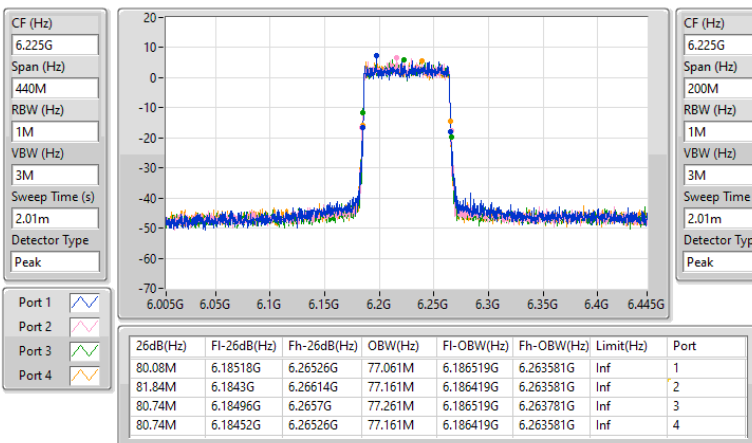


5.925-6.425GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6225MHz

16/02/2025

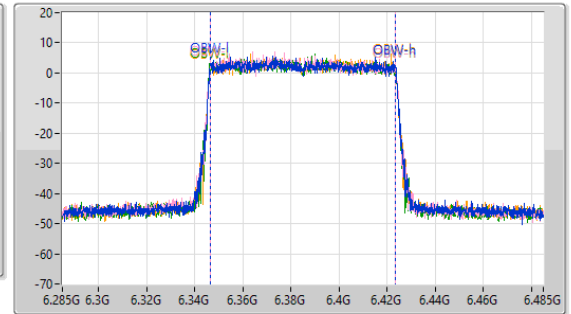
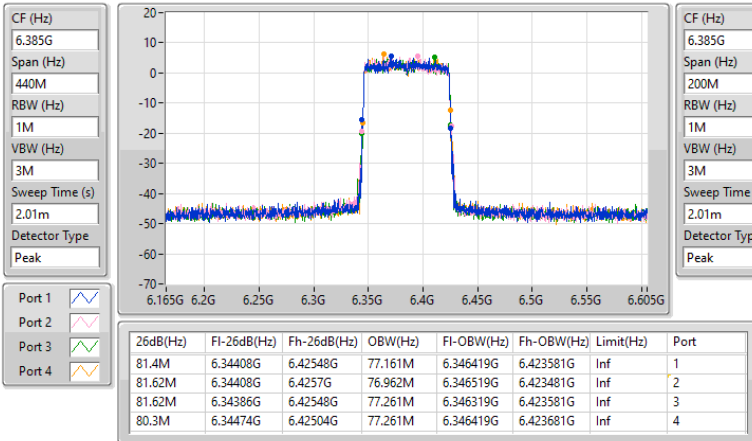


5.925-6.425GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6385MHz

16/02/2025

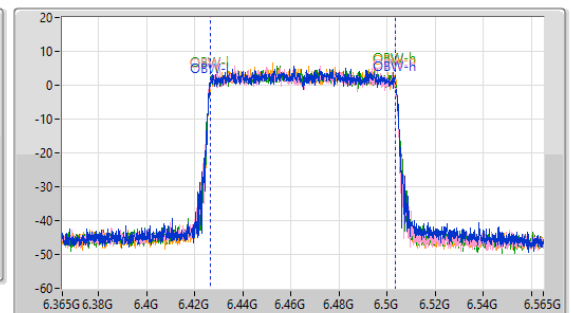
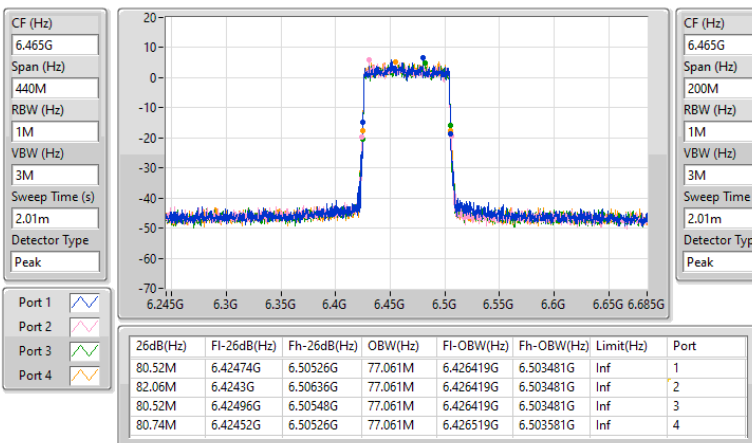


6.425-6.525GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6465MHz

16/02/2025

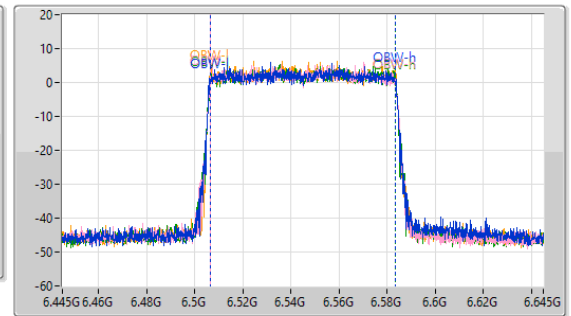
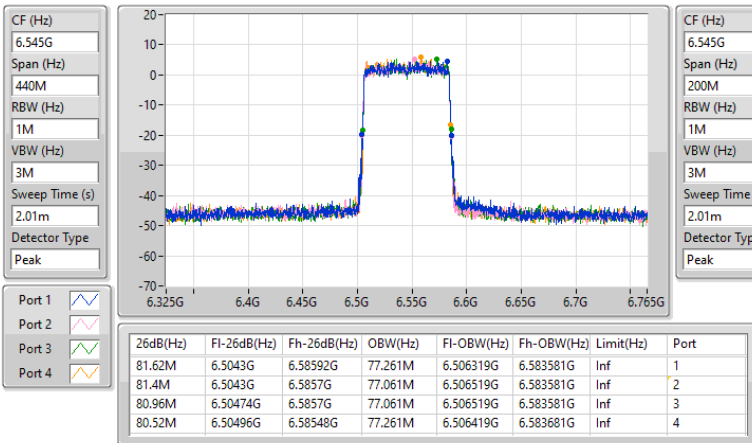


6.425-6.525GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6545MHz

16/02/2025

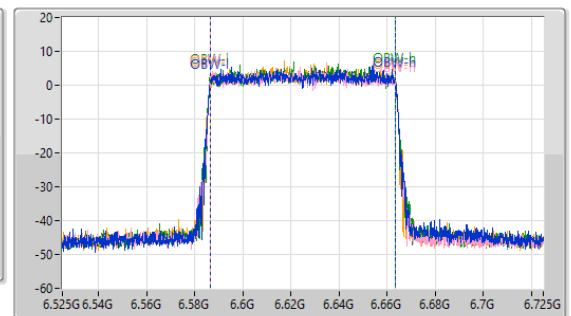
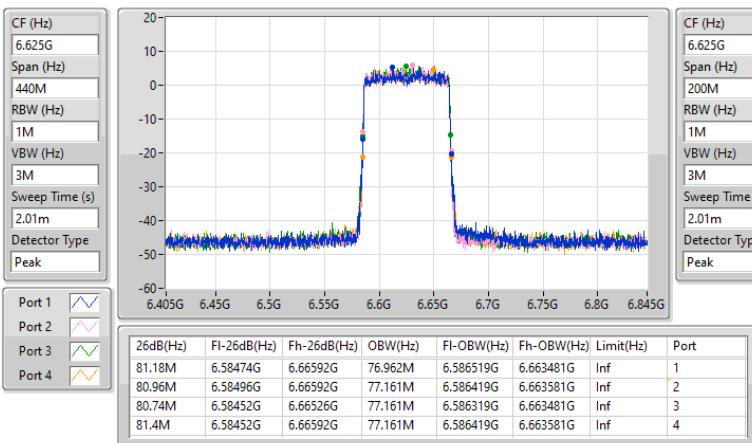


6.525-6.875GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6625MHz

16/02/2025

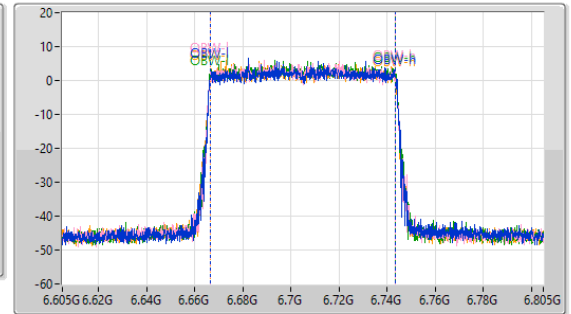
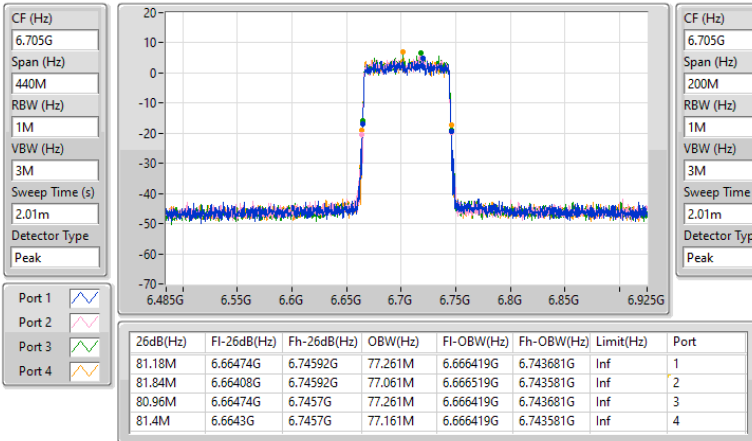


6.525-6.875GHz_802.11be EHT80-BF_Nss2.(MCS0)_4TX

EBW

6705MHz

16/02/2025

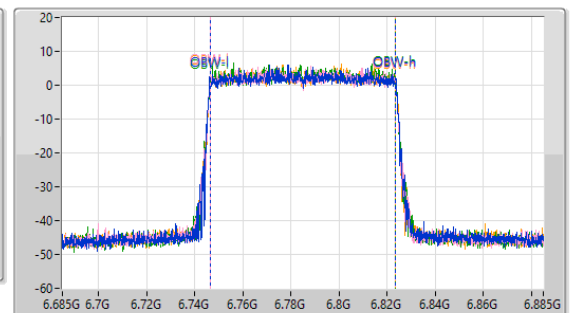
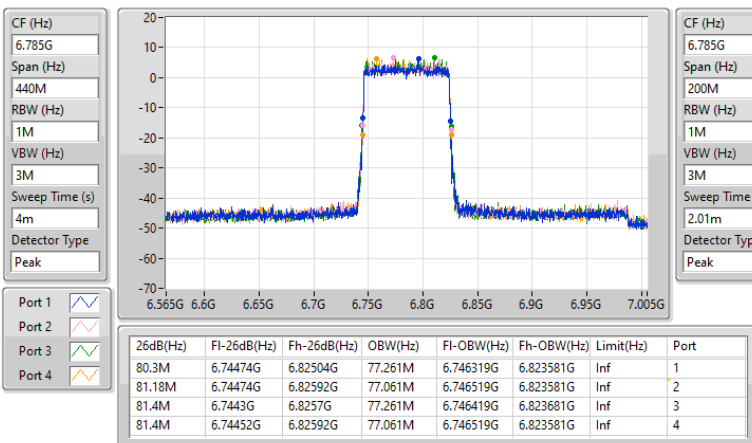


6.525-6.875GHz_802.11be EHT80-BF_Nss2.(MCS0)_4TX

EBW

6785MHz

16/02/2025

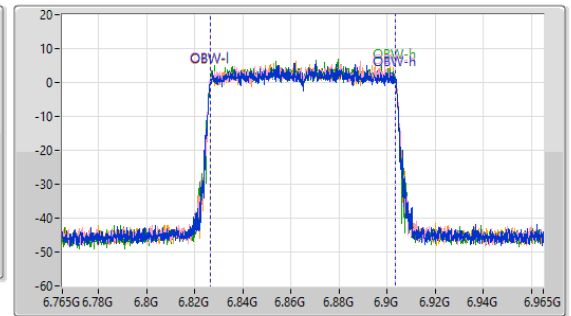
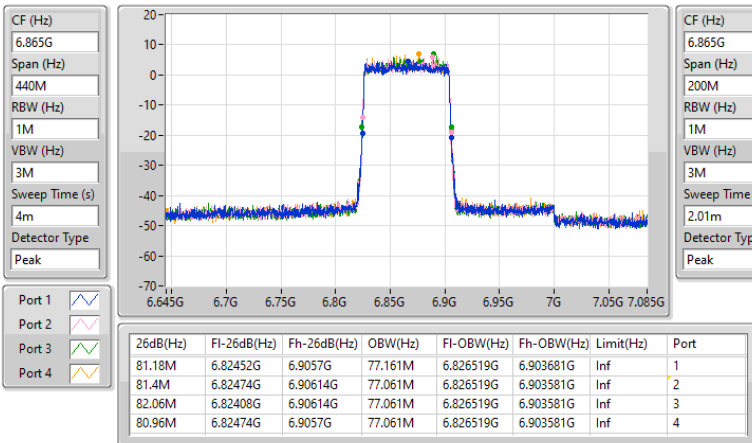


6.525-6.875GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6865MHz

16/02/2025

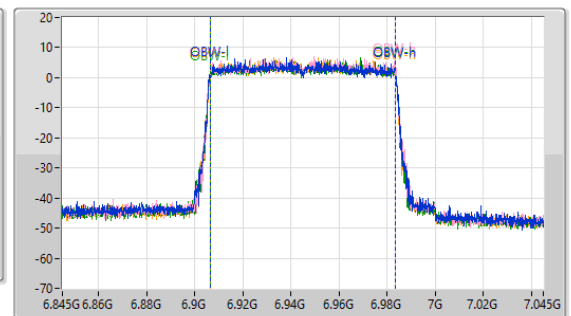
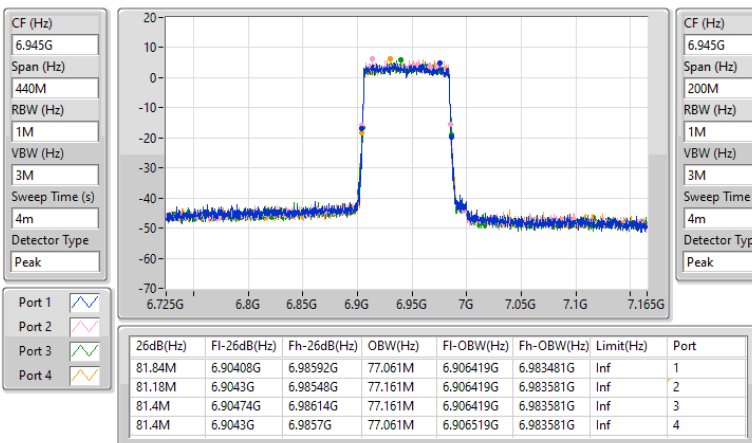


6.875-7.125GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6945MHz

16/02/2025

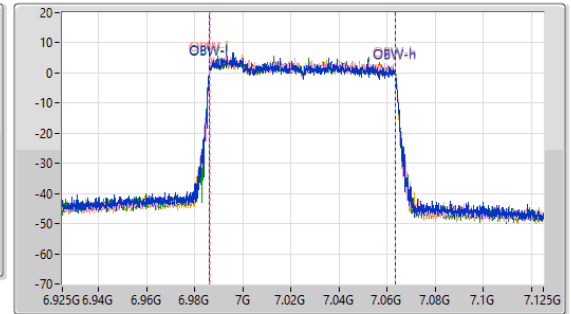
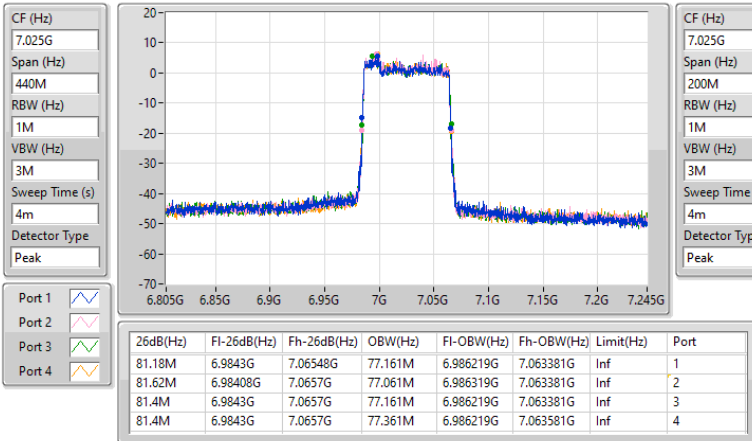


6.875-7.125GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

7025MHz

16/02/2025

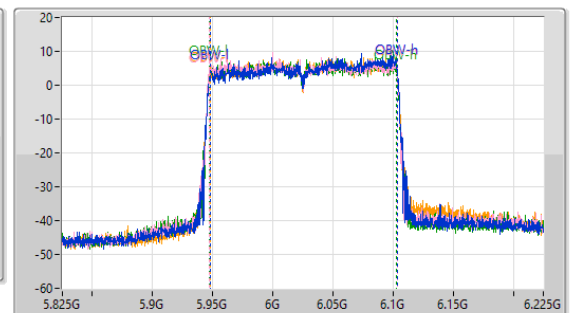
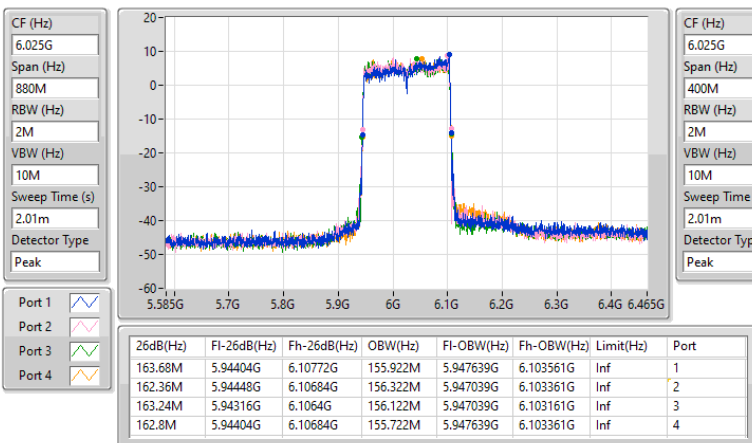


5.925-6.425GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6025MHz

16/02/2025

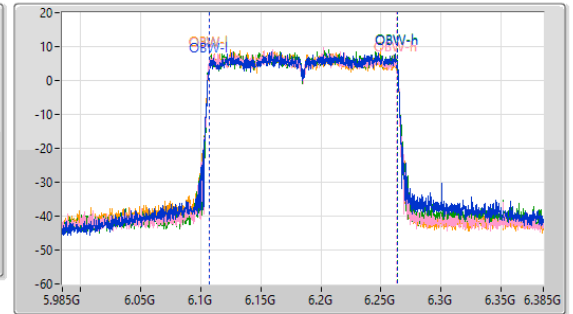
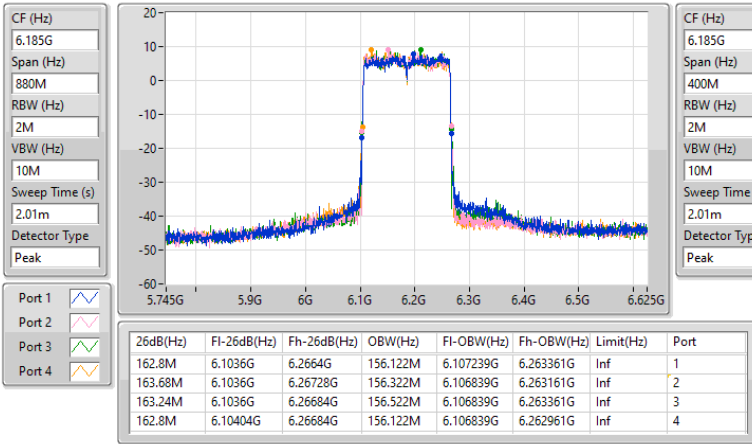


5.925-6.425GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6185MHz

16/02/2025

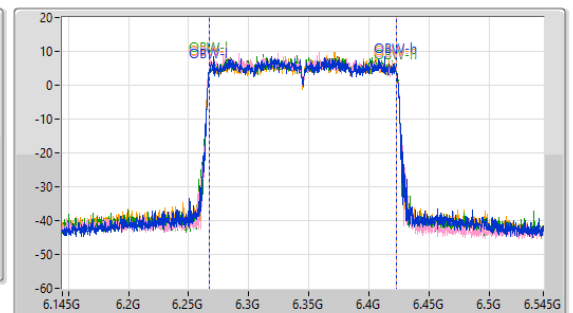
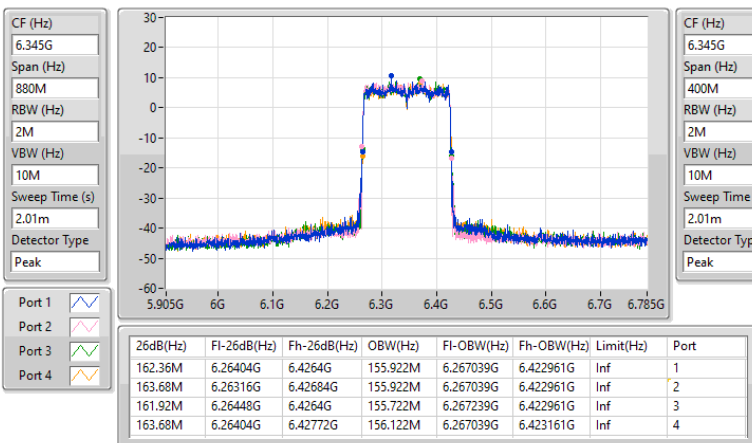


5.925-6.425GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6345MHz

16/02/2025

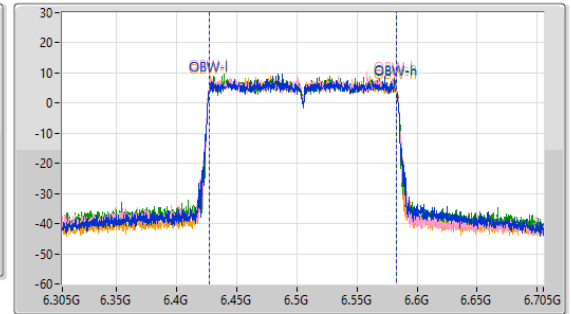


6.425-6.525GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6505MHz

16/02/2025

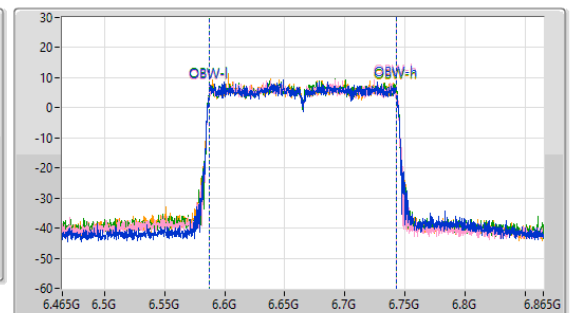
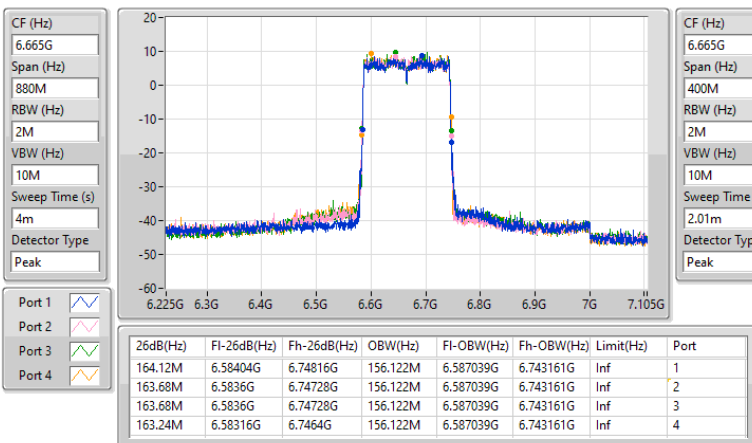


6.525-6.875GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6665MHz

16/02/2025

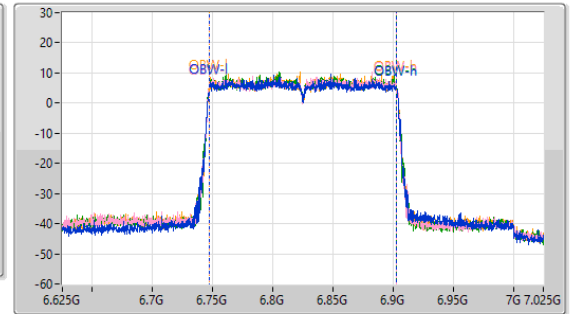
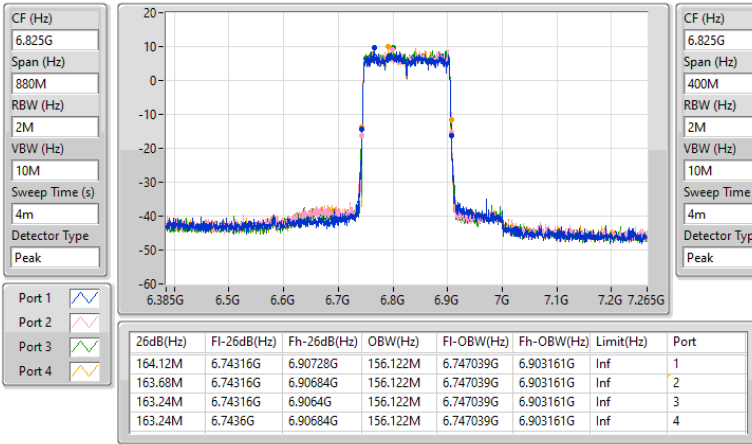


6.525-6.875GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6825MHz

16/02/2025

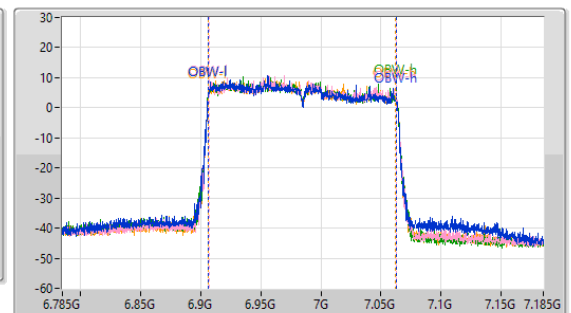
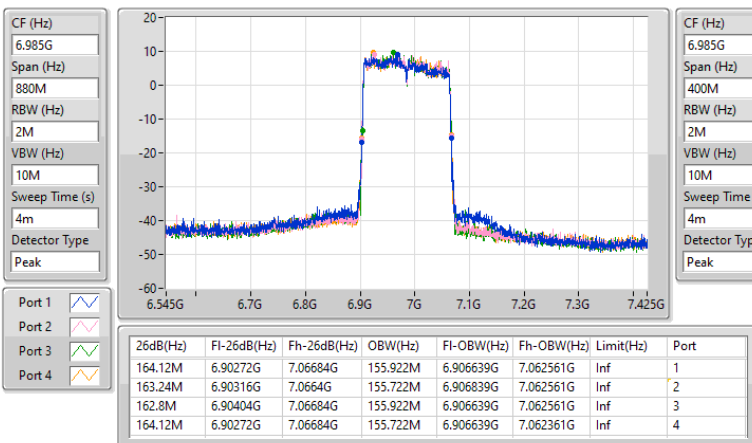


6.875-7.125GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6985MHz

16/02/2025

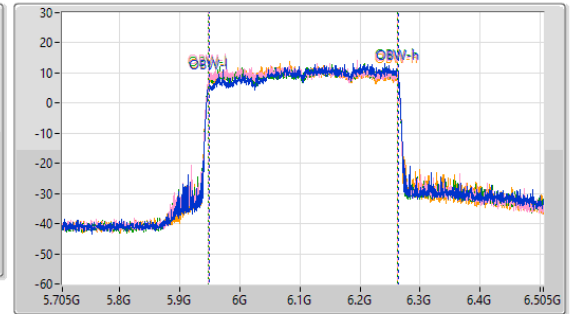
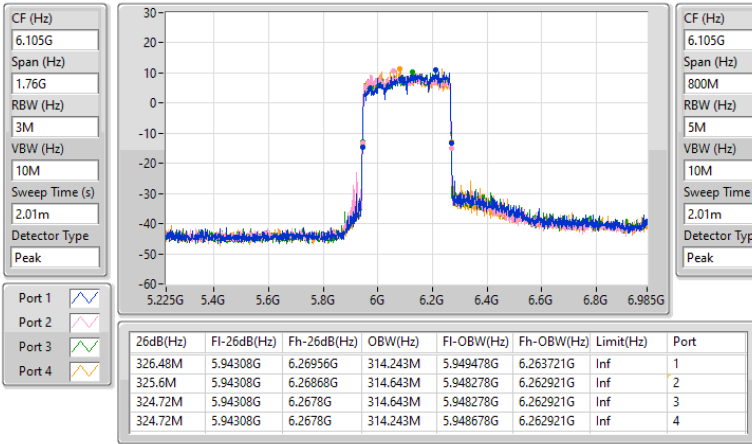


5.925-6.425GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6105MHz

16/02/2025

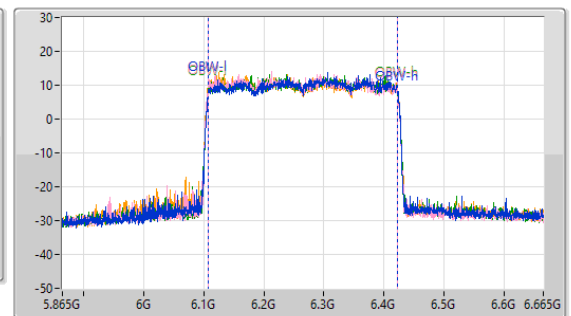
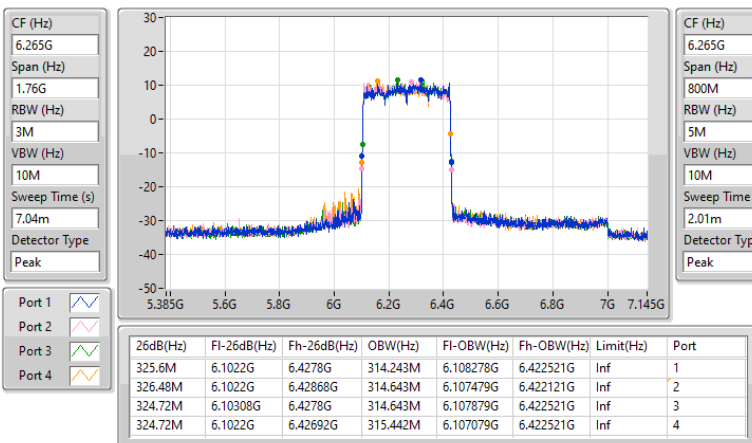


5.925-6.425GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6265MHz

16/02/2025

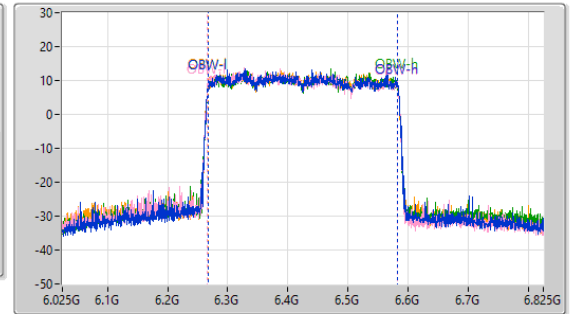
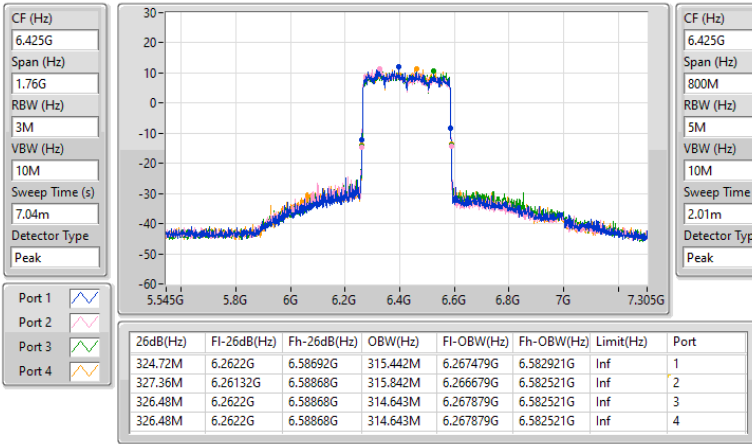


5.925-6.425GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6425MHz

16/02/2025

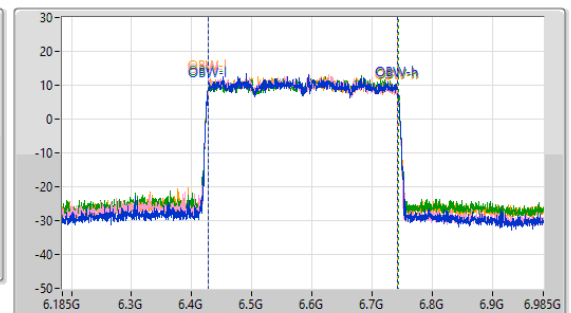
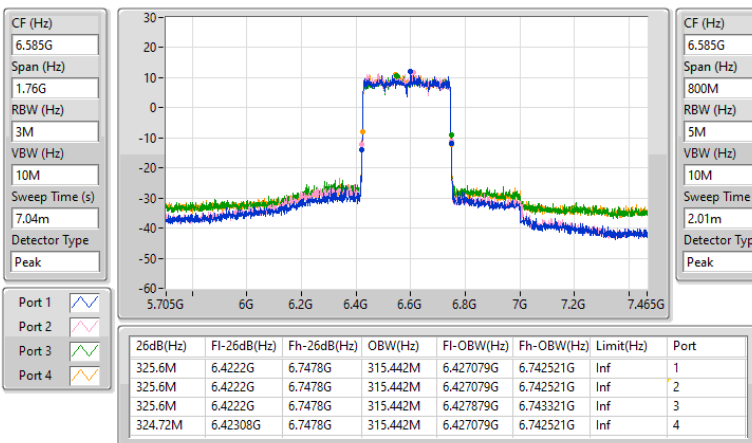


6.425-6.525GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6585MHz

16/02/2025

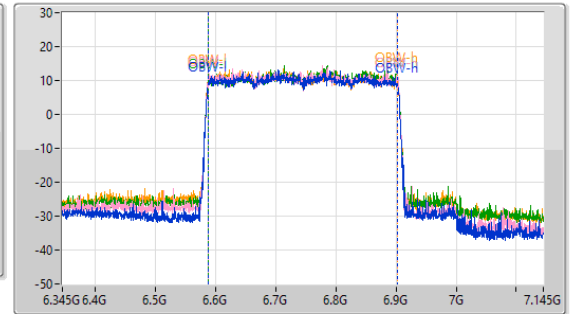
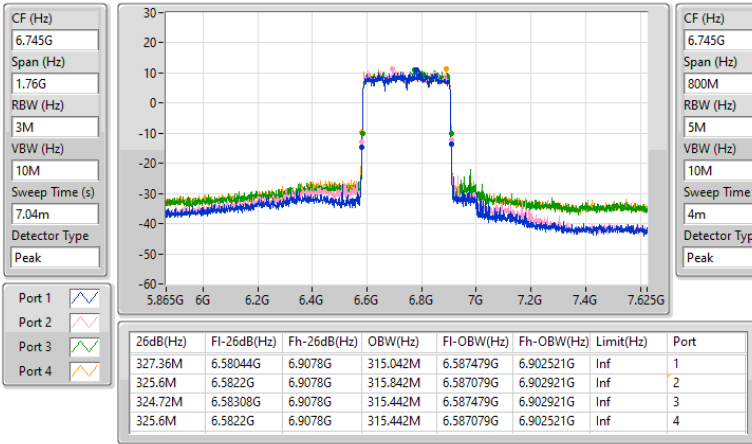


6.525-6.875GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6745MHz

16/02/2025

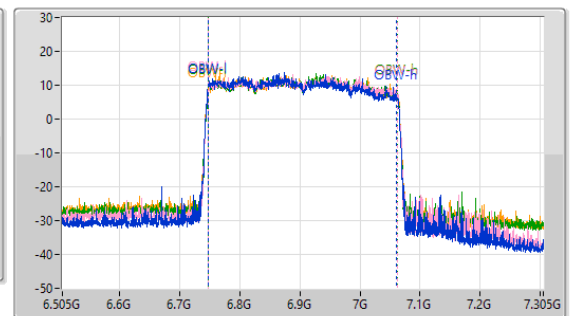
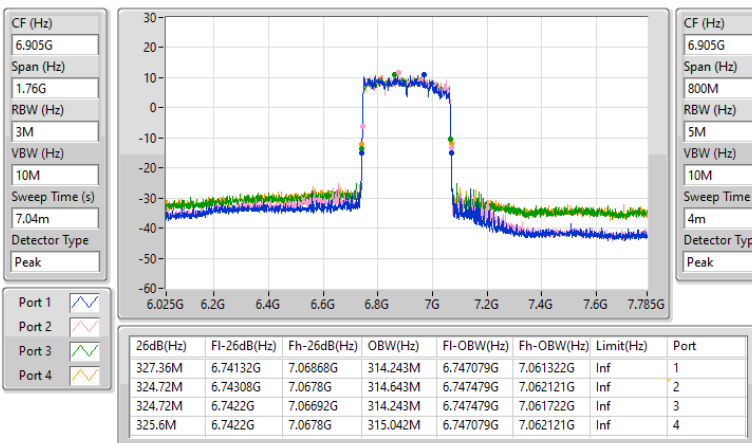


6.525-6.875GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6905MHz

16/02/2025



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.74M	16.954M	17M0D1D	20.845M	16.536M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	32.89M	19.265M	19M3D1D	20.9M	19.015M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	39.545M	19.39M	19M4D1D	27.445M	19.065M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	63.25M	37.781M	37M8D1D	39.27M	37.581M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	85.36M	39.03M	39M0D1D	39.05M	37.681M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	94.82M	77.461M	77M5D1D	78.98M	76.862M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	176M	78.461M	78M5D1D	80.52M	76.962M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	187.88M	156.522M	157MD1D	160.6M	155.922M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	278.96M	158.521M	159MD1D	164.12M	156.322M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	484.88M	317.841M	318MD1D	353.76M	314.243M
802.11be EHT320-BF_Nss2,(MCS0)_4TX	645.92M	319.44M	319MD1D	325.6M	314.643M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.67M	16.844M	16M8D1D	20.35M	16.492M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.835M	19.14M	19M1D1D	20.57M	18.916M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	39.16M	19.44M	19M4D1D	25.63M	19.09M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	51.04M	37.731M	37M7D1D	39.27M	37.581M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	85.47M	38.681M	38M7D1D	54.12M	37.931M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	100.98M	77.561M	77M6D1D	79.64M	77.061M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	163.24M	78.361M	78M4D1D	123.42M	77.761M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	170.28M	156.522M	157MD1D	160.6M	155.922M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	289.08M	157.721M	158MD1D	259.6M	157.321M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	23.32M	16.866M	25.74M	16.844M	24.42M	16.8M	24.035M	16.822M
6195MHz	Pass	Inf	22M	16.91M	21.23M	16.954M	21.67M	16.69M	21.725M	16.536M
6415MHz	Pass	Inf	20.955M	16.558M	22.33M	16.646M	21.065M	16.58M	20.845M	16.624M
6535MHz	Pass	Inf	21.01M	16.646M	20.845M	16.69M	20.35M	16.602M	21.065M	16.558M
6695MHz	Pass	Inf	21.23M	16.514M	20.955M	16.778M	20.955M	16.844M	21.175M	16.492M
6855MHz	Pass	Inf	21.67M	16.624M	20.845M	16.69M	21.67M	16.624M	20.79M	16.646M
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.505M	19.065M	20.9M	19.065M	27.39M	19.115M	32.89M	19.14M
6195MHz	Pass	Inf	21.175M	19.015M	21.01M	19.09M	21.175M	19.165M	21.505M	19.165M
6415MHz	Pass	Inf	21.45M	19.09M	21.78M	19.065M	21.23M	19.265M	21.285M	19.19M
6535MHz	Pass	Inf	20.79M	19.115M	21.45M	18.966M	20.735M	18.966M	20.57M	18.916M
6695MHz	Pass	Inf	20.845M	19.14M	21.56M	19.09M	21.01M	19.14M	20.845M	18.966M
6855MHz	Pass	Inf	21.01M	19.14M	21.12M	19.065M	21.45M	18.991M	21.835M	19.115M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	39.49M	37.731M	39.6M	37.581M	40.48M	37.581M	39.27M	37.681M
6205MHz	Pass	Inf	51.15M	37.731M	63.25M	37.781M	39.38M	37.731M	47.41M	37.731M
6405MHz	Pass	Inf	41.69M	37.681M	61.05M	37.731M	43.23M	37.631M	42.46M	37.631M
6565MHz	Pass	Inf	39.82M	37.731M	39.38M	37.631M	40.04M	37.631M	51.04M	37.631M
6685MHz	Pass	Inf	39.27M	37.631M	39.49M	37.731M	39.27M	37.631M	41.47M	37.581M
6845MHz	Pass	Inf	39.71M	37.681M	49.06M	37.731M	42.9M	37.731M	39.82M	37.681M
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	79.86M	77.061M	80.08M	77.061M	79.64M	77.161M	79.64M	77.061M
6225MHz	Pass	Inf	80.3M	77.161M	85.36M	77.161M	79.42M	77.461M	81.4M	77.161M
6385MHz	Pass	Inf	94.82M	76.962M	78.98M	77.261M	93.5M	77.161M	79.2M	76.862M
6625MHz	Pass	Inf	86.46M	77.261M	100.98M	77.261M	95.04M	77.161M	79.9M	77.061M
6705MHz	Pass	Inf	91.08M	77.161M	79.64M	77.061M	90.42M	77.261M	90.64M	77.461M
6785MHz	Pass	Inf	85.58M	77.261M	79.86M	77.461M	84.26M	77.261M	81.18M	77.561M
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	180.84M	155.922M	177.76M	156.122M	187.88M	156.322M	185.68M	155.922M
6185MHz	Pass	Inf	160.6M	156.522M	170.72M	155.922M	165M	155.922M	180.4M	156.522M
6345MHz	Pass	Inf	164.56M	156.122M	165M	156.322M	164.12M	156.522M	164.12M	155.922M
6665MHz	Pass	Inf	160.6M	155.922M	161.48M	156.322M	170.28M	156.322M	168.96M	156.522M
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	353.76M	314.243M	361.68M	315.442M	370.48M	315.842M	363.44M	315.042M
6265MHz	Pass	Inf	484.88M	316.242M	477.84M	316.642M	463.76M	316.242M	479.6M	317.841M
802.11be EHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	33.77M	19.065M	30.03M	19.115M	27.445M	19.165M	29.645M	19.065M
6195MHz	Pass	Inf	38.28M	19.165M	35.145M	19.39M	30.36M	19.14M	39.545M	19.29M
6415MHz	Pass	Inf	35.09M	19.115M	34.21M	19.265M	31.79M	19.115M	27.665M	19.14M
6535MHz	Pass	Inf	25.63M	19.09M	33.165M	19.14M	36.135M	19.115M	39.16M	19.19M
6695MHz	Pass	Inf	26.62M	19.115M	27.61M	19.115M	26.84M	19.14M	33.385M	19.165M
6855MHz	Pass	Inf	37.18M	19.215M	36.025M	19.19M	35.2M	19.44M	35.365M	19.215M
802.11be EHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.48M	37.781M	40.26M	37.681M	42.57M	37.831M	39.05M	37.731M
6205MHz	Pass	Inf	71.28M	38.081M	69.63M	38.231M	63.47M	38.081M	85.36M	39.03M
6405MHz	Pass	Inf	67.87M	37.931M	67.21M	38.231M	66.11M	38.081M	74.25M	38.031M
6565MHz	Pass	Inf	62.15M	38.031M	62.59M	38.081M	54.12M	37.931M	71.39M	38.081M
6685MHz	Pass	Inf	64.24M	38.081M	59.51M	38.181M	56.65M	38.081M	71.06M	38.081M
6845MHz	Pass	Inf	83.82M	38.281M	79.97M	38.031M	85.47M	38.681M	76.67M	38.281M
802.11be EHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	86.02M	76.962M	92.4M	77.261M	93.72M	77.361M	80.52M	77.061M
6225MHz	Pass	Inf	128.04M	77.861M	176M	78.161M	163.02M	77.761M	168.52M	78.061M
6385MHz	Pass	Inf	132.22M	77.761M	158.62M	78.461M	166.76M	77.961M	176M	77.861M
6625MHz	Pass	Inf	126.5M	77.861M	141.02M	78.061M	163.24M	78.061M	152.68M	77.861M

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)
6705MHz	Pass	Inf	128.7M	77.761M	141.24M	77.961M	146.08M	78.361M	133.1M	77.961M
6785MHz	Pass	Inf	128.48M	77.861M	123.42M	77.861M	139.04M	78.261M	132M	77.961M
802.11be EHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	184.36M	156.322M	172.48M	156.322M	183.92M	156.522M	164.12M	156.322M
6185MHz	Pass	Inf	244.64M	157.321M	257.4M	157.321M	242M	157.121M	247.72M	158.521M
6345MHz	Pass	Inf	253.88M	157.121M	256.96M	157.321M	278.96M	156.722M	205.04M	157.121M
6665MHz	Pass	Inf	259.6M	157.321M	277.64M	157.721M	272.36M	157.521M	289.08M	157.721M
802.11be EHT320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	Inf	325.6M	314.643M	356.4M	315.442M	373.12M	315.442M	334.4M	315.042M
6265MHz	Pass	Inf	494.56M	317.041M	597.52M	318.241M	461.12M	316.242M	645.92M	319.44M

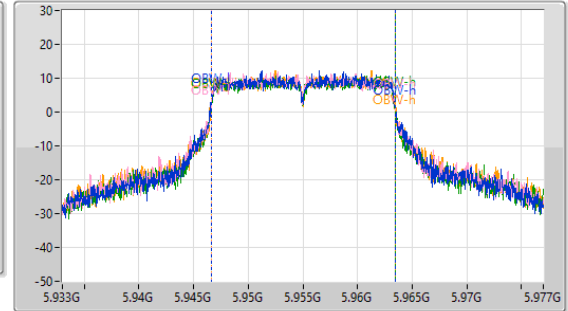
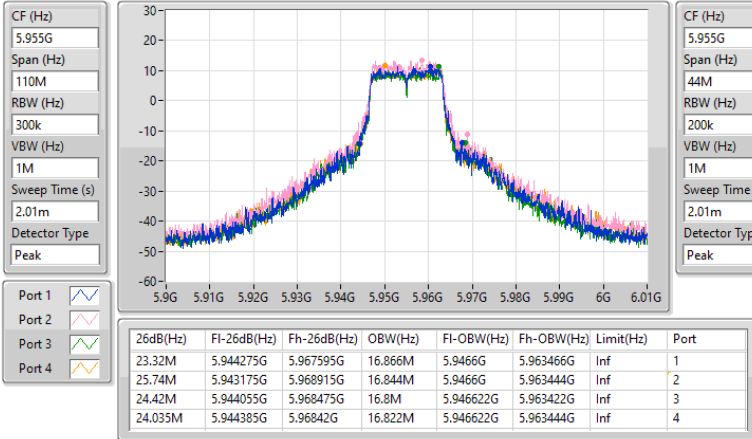
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5955MHz

18/02/2025

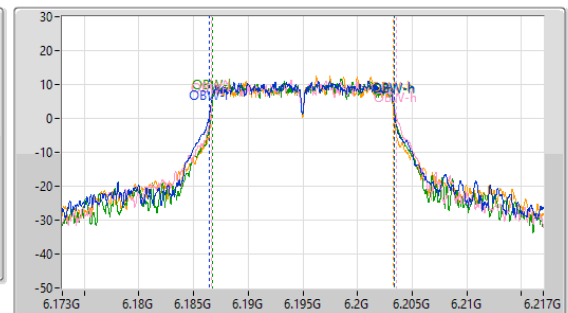
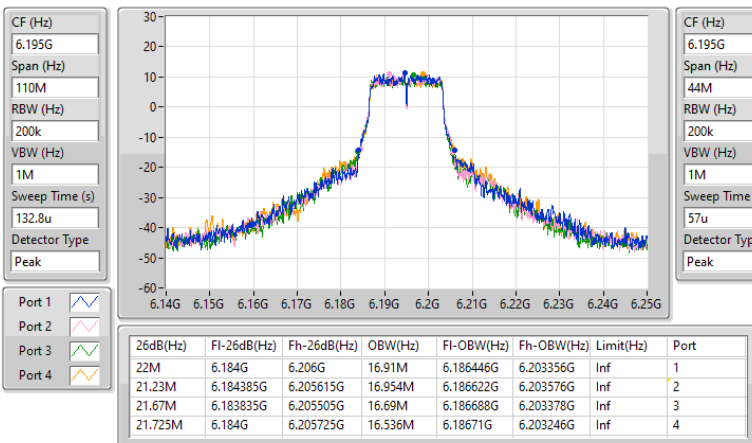


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6195MHz

17/02/2025

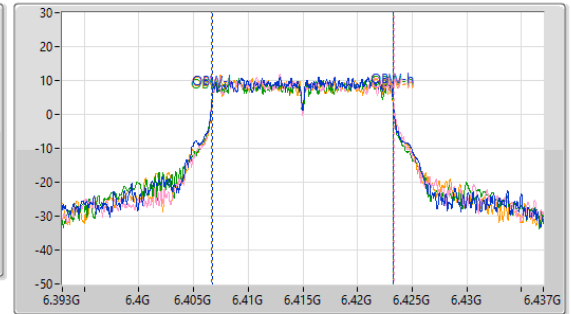
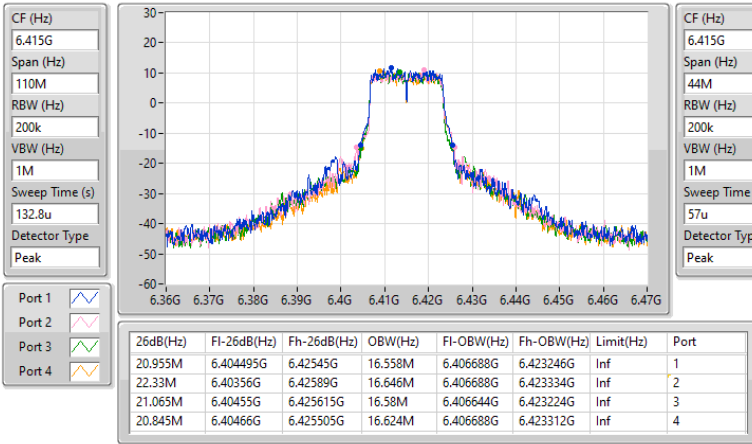


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6415MHz

17/02/2025

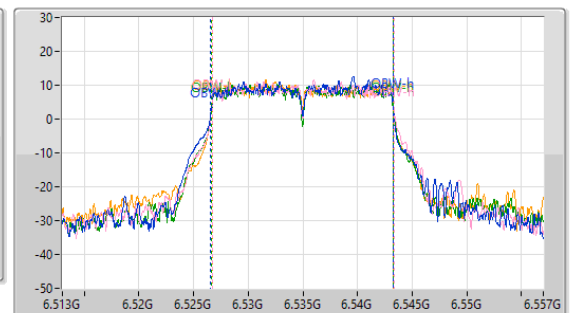
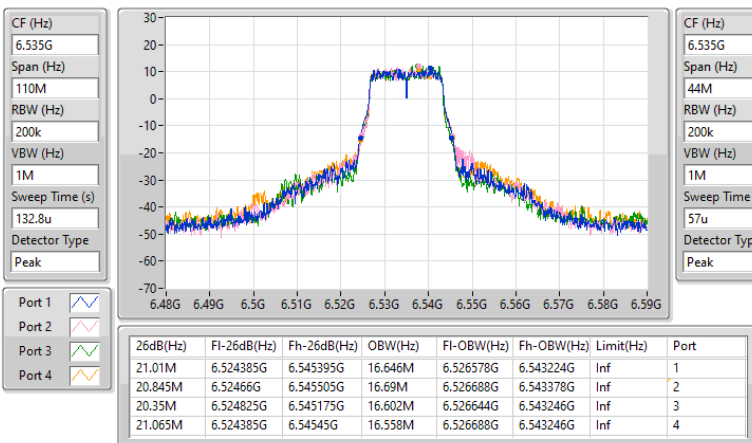


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6535MHz

17/02/2025

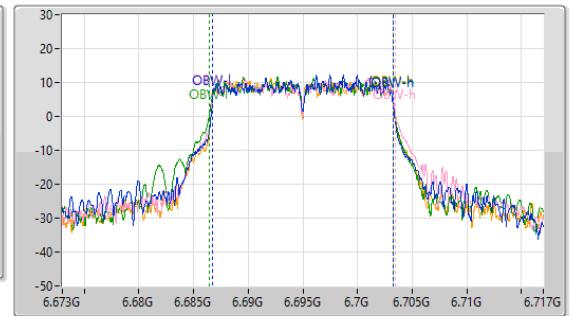
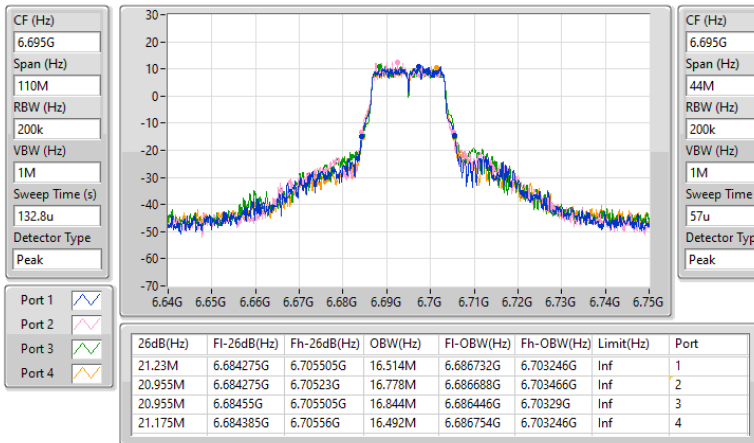


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6695MHz

17/02/2025

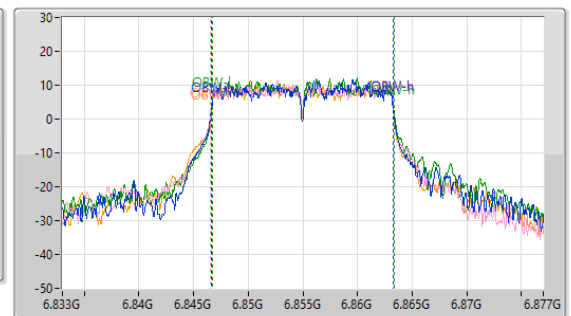
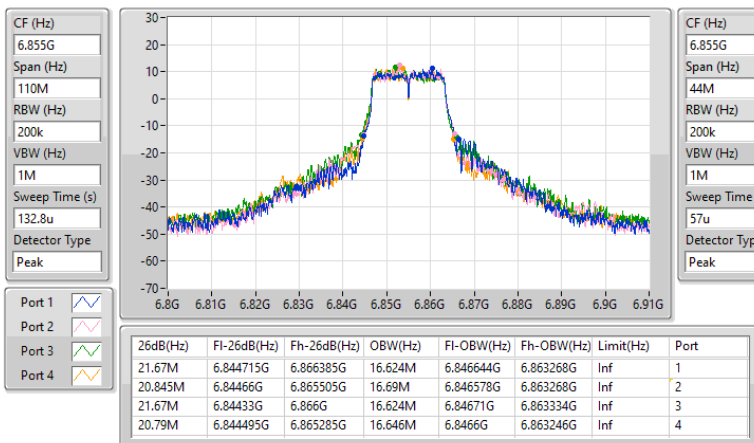


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6855MHz

17/02/2025

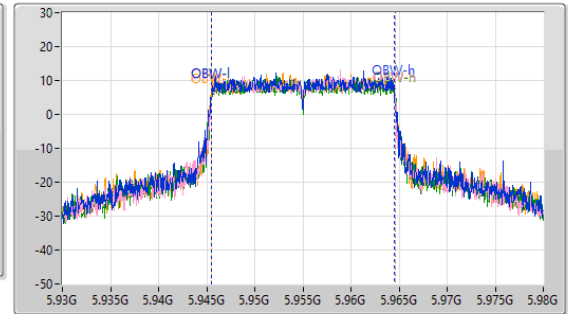
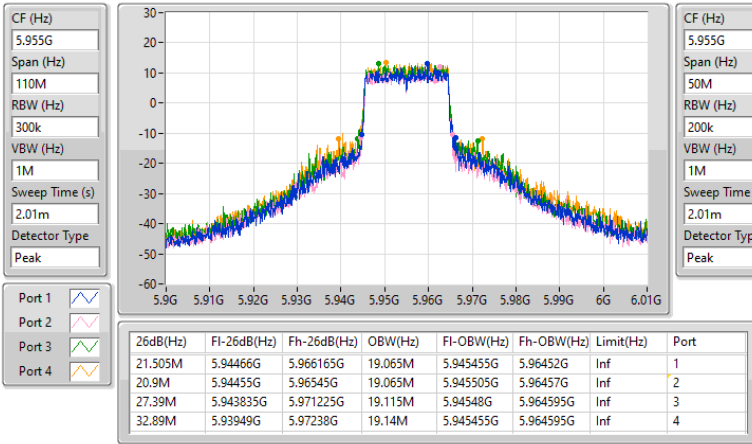


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

5955MHz

18/02/2025

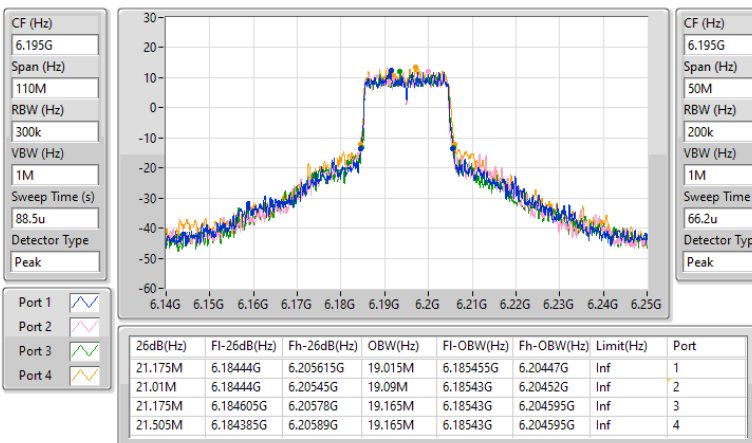


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6195MHz

18/02/2025

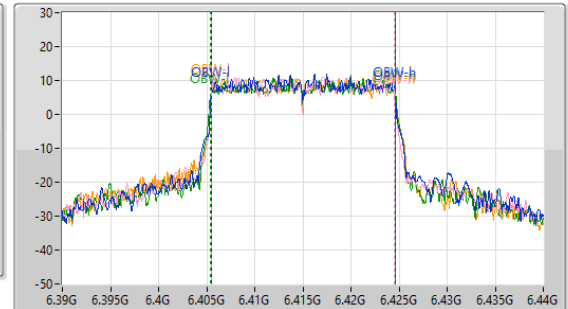
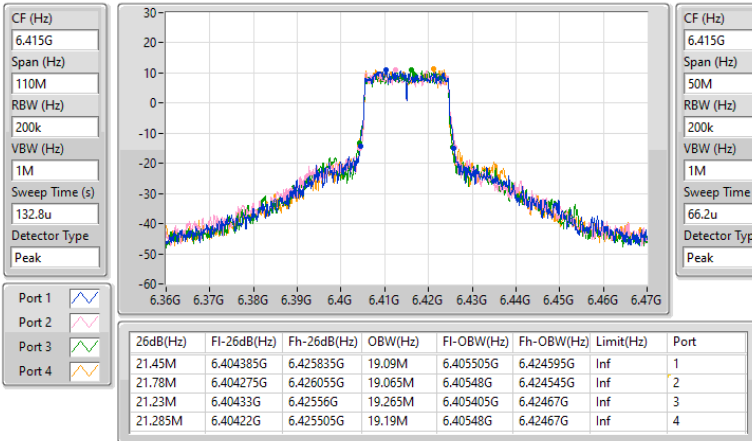


5.925-6.425GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

18/02/2025

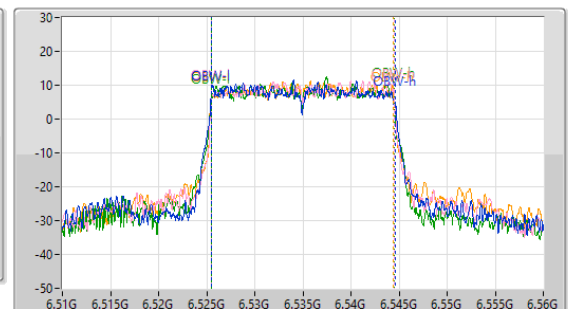
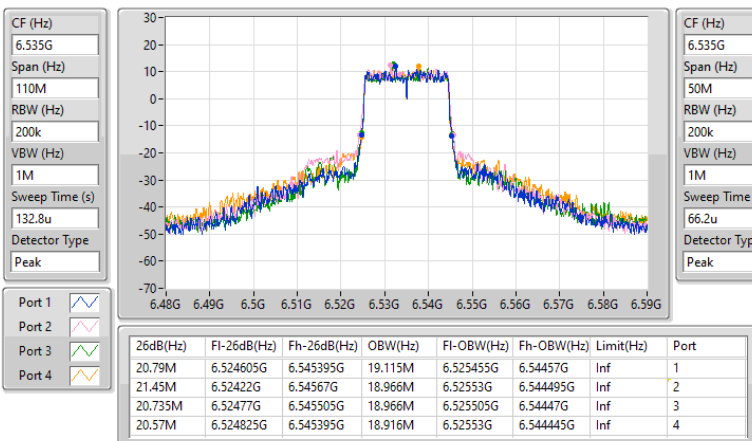


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

18/02/2025

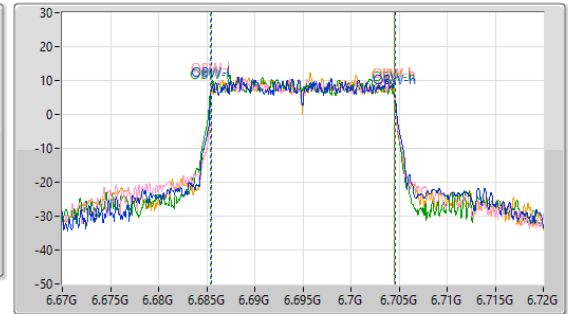
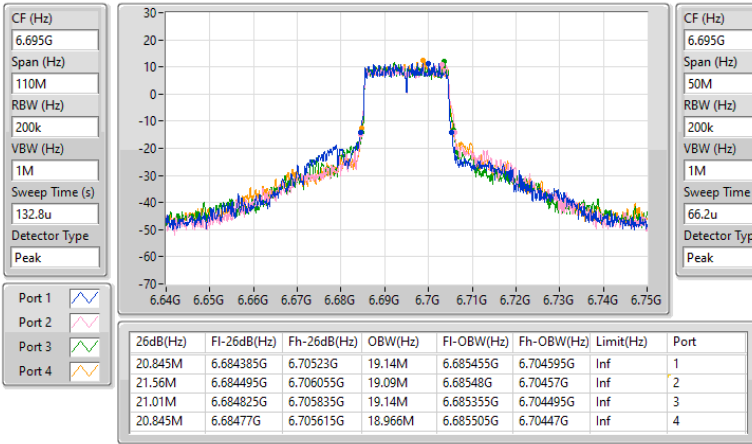


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6695MHz

18/02/2025

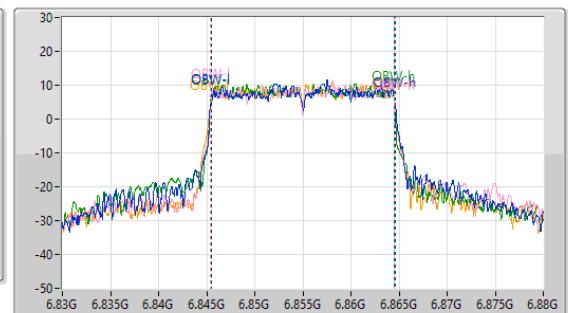
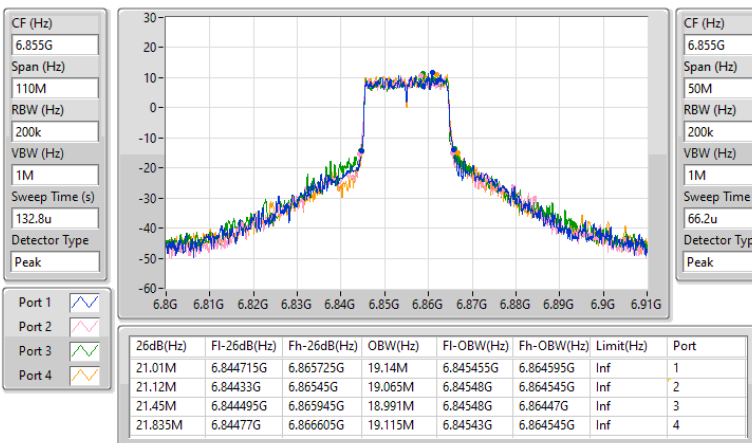


6.525-6.875GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

6855MHz

18/02/2025

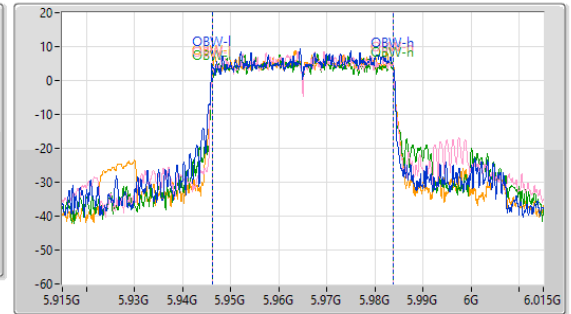
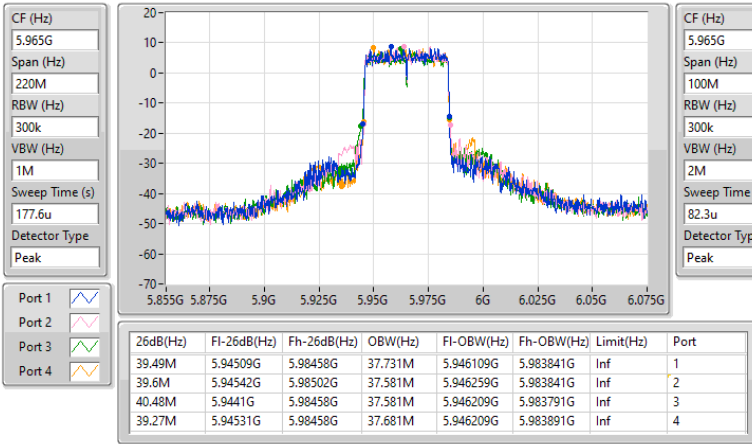


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

5965MHz

18/02/2025

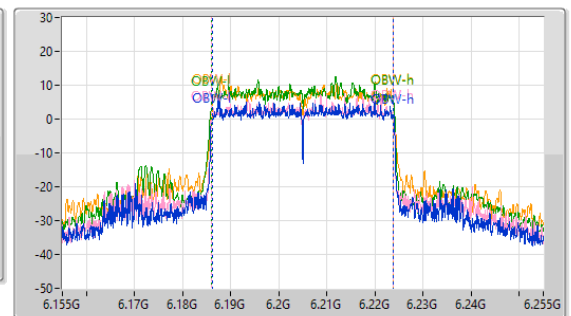
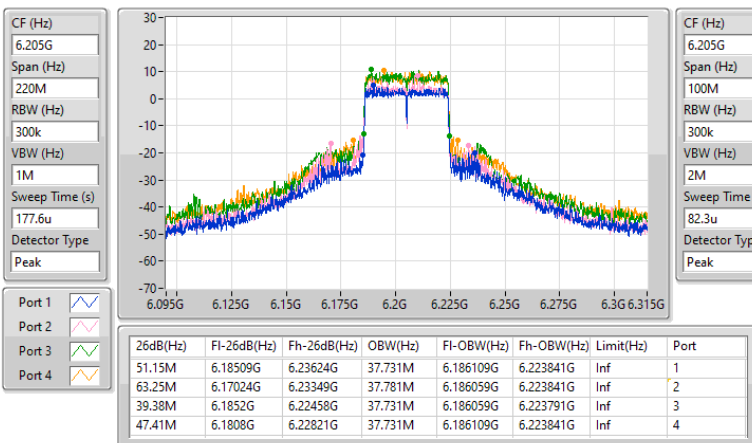


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6205MHz

18/02/2025

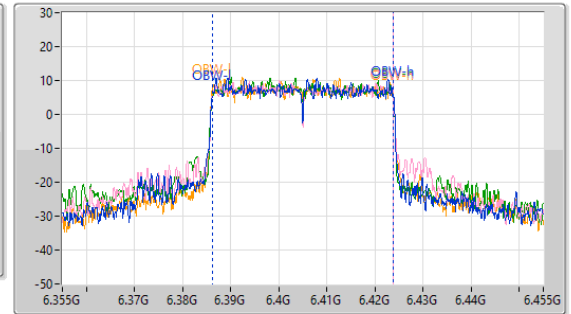
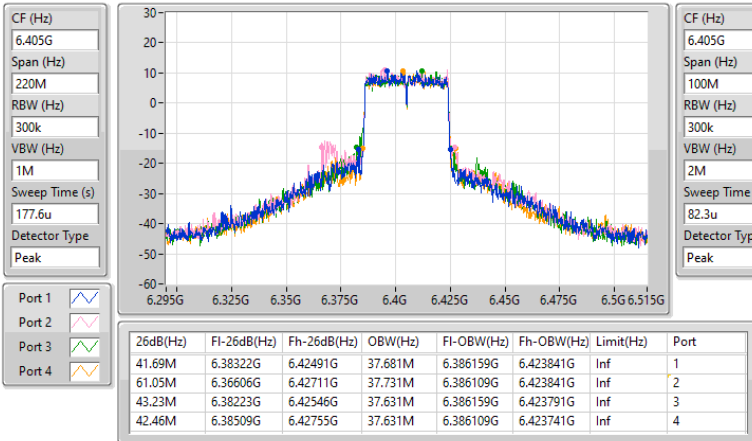


5.925-6.425GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6405MHz

18/02/2025

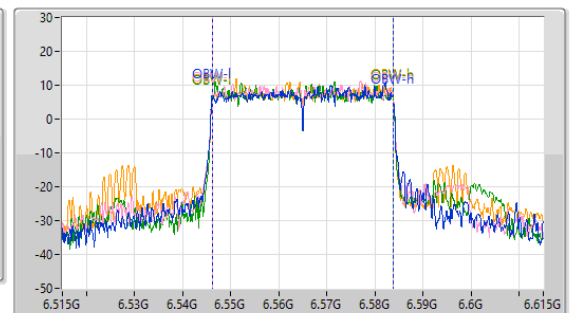
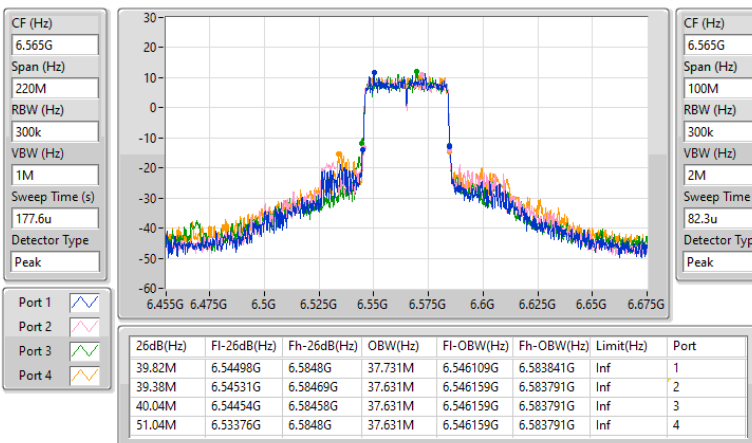


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6565MHz

18/02/2025

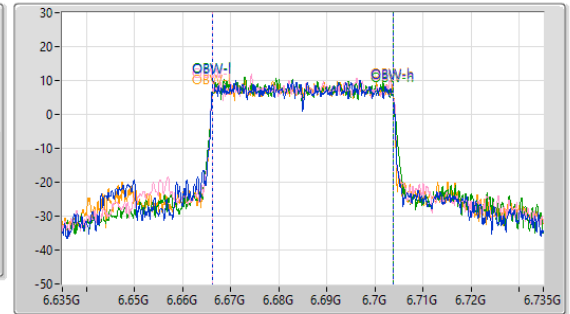
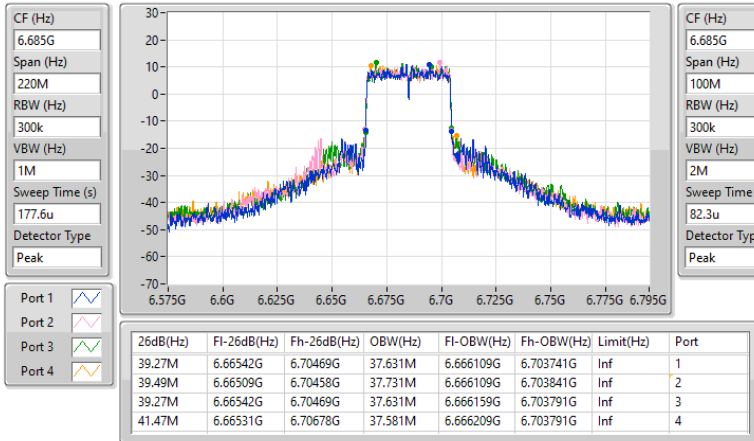


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

18/02/2025

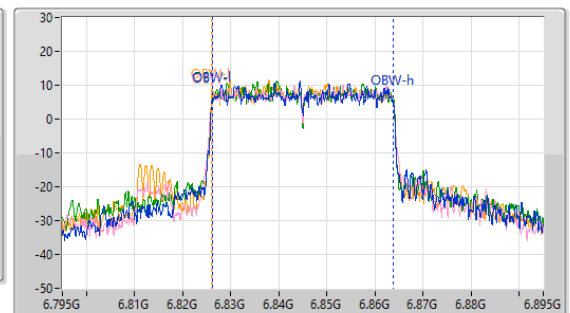
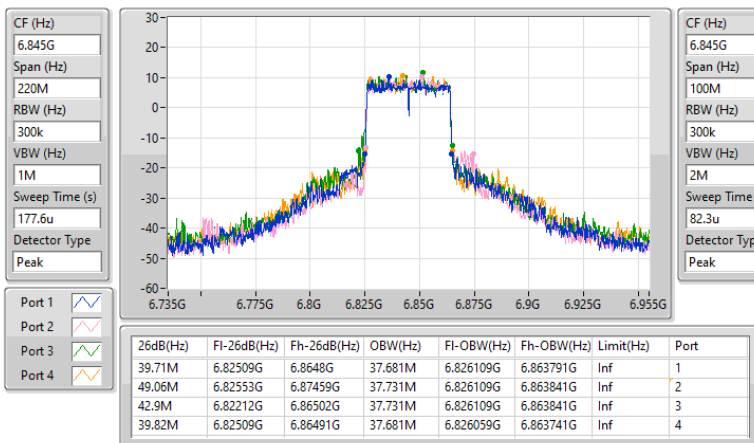


6.525-6.875GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

6845MHz

18/02/2025

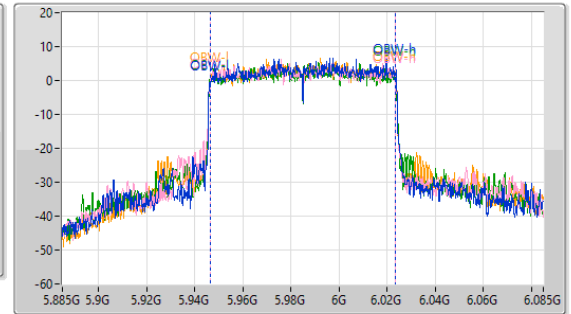
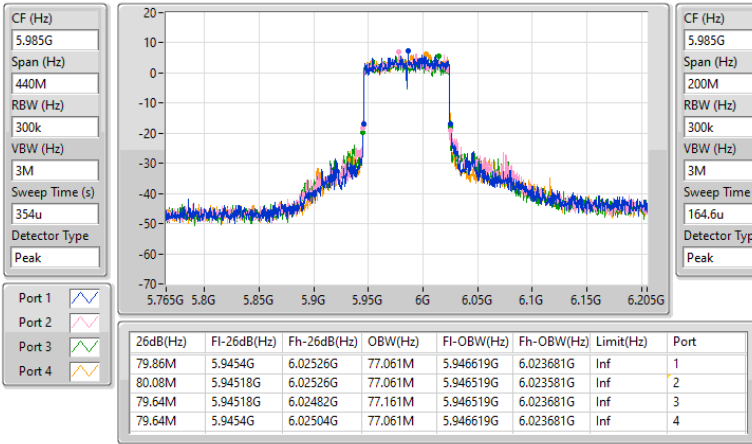


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

5985MHz

18/02/2025

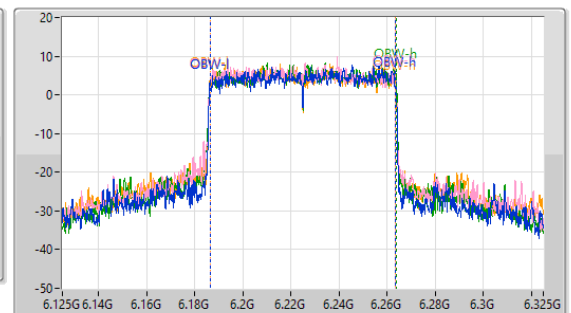
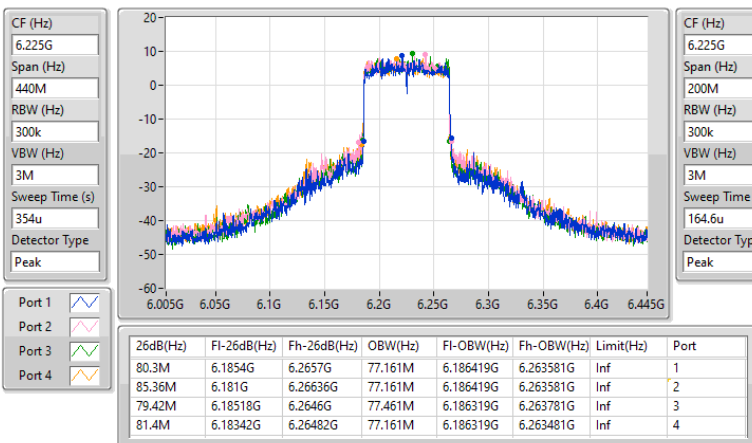


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6225MHz

18/02/2025

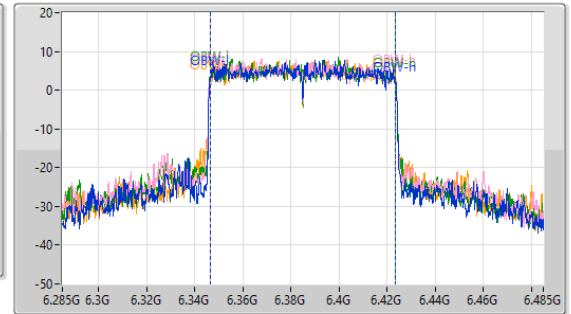
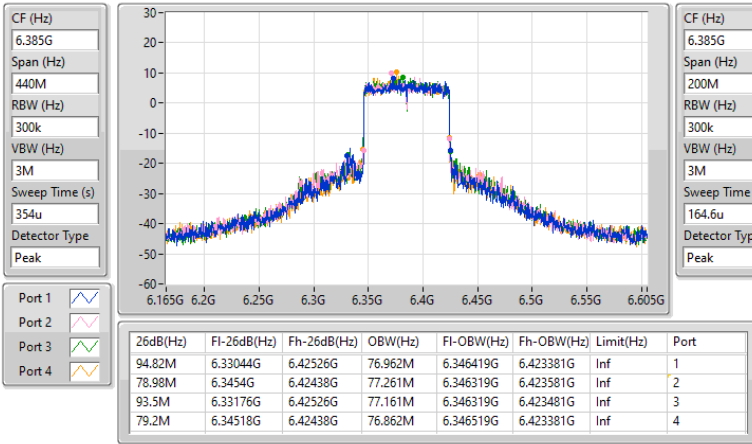


5.925-6.425GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6385MHz

18/02/2025

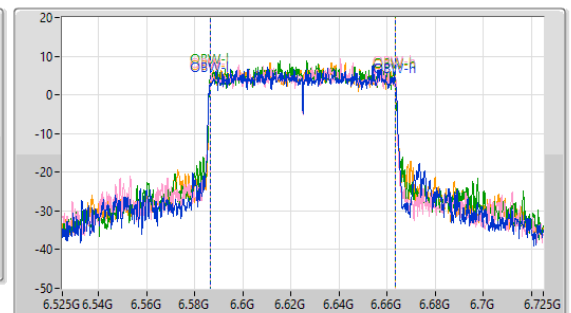
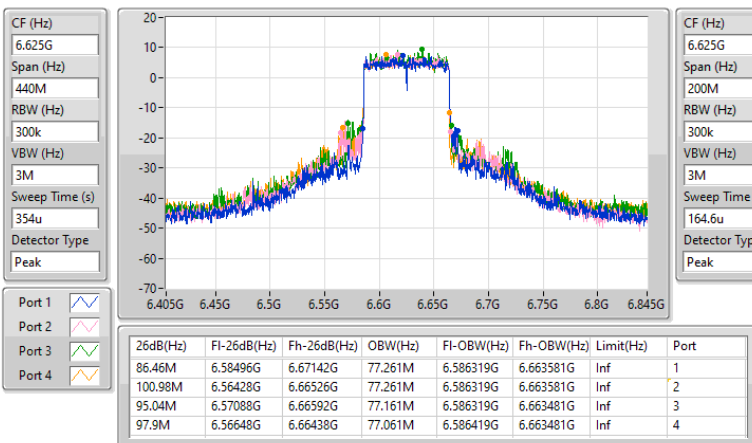


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6625MHz

18/02/2025

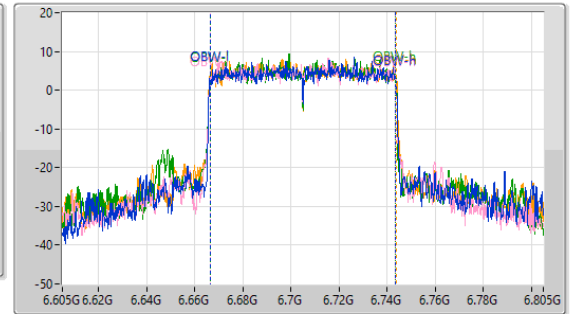
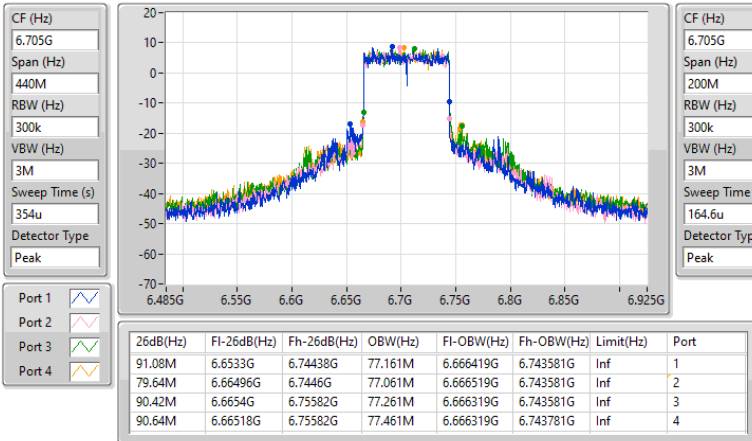


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

18/02/2025

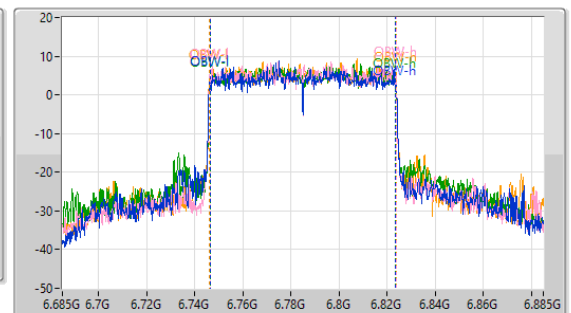
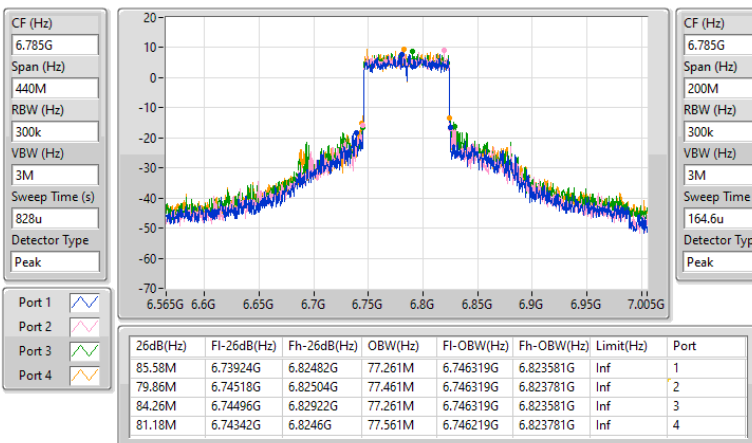


6.525-6.875GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

EBW

6785MHz

18/02/2025

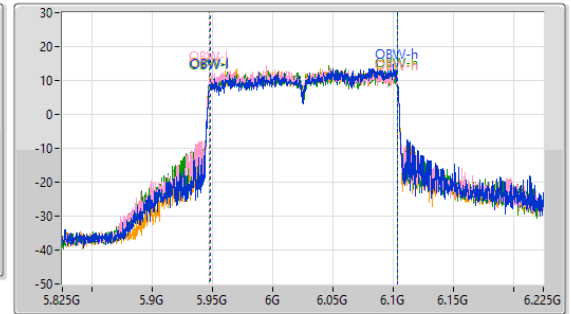
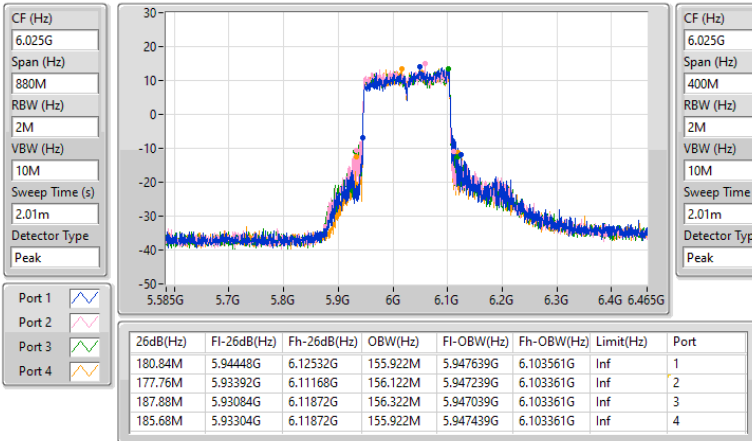


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6025MHz

18/02/2025

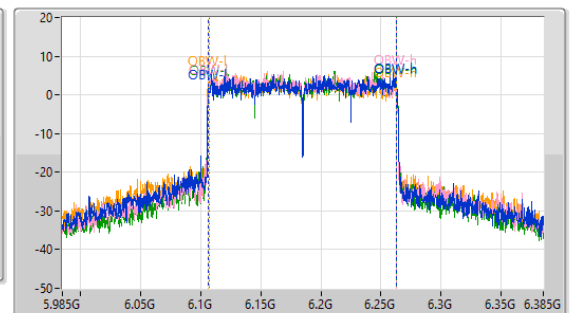
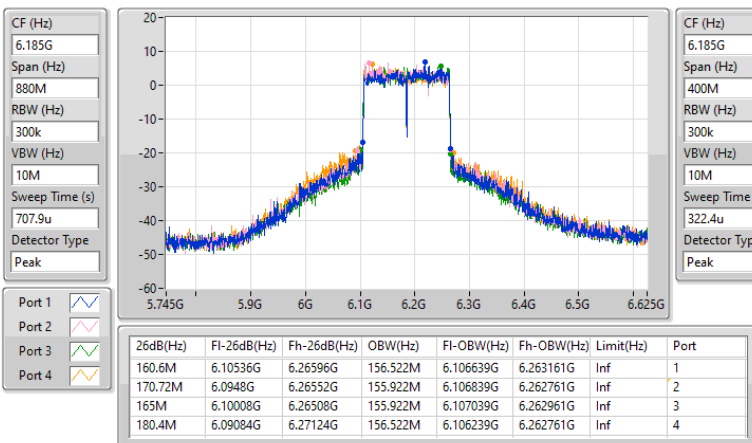


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

18/02/2025

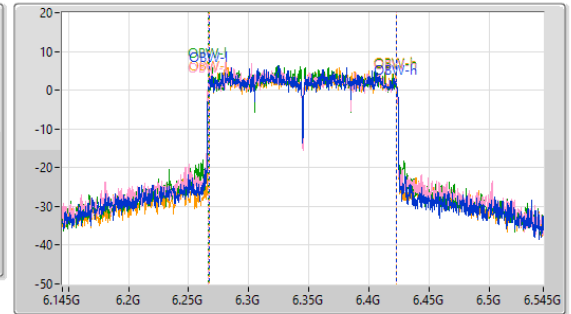
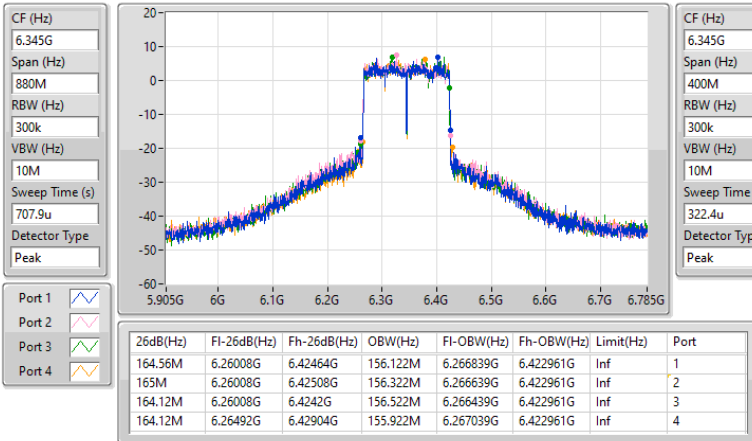


5.925-6.425GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6345MHz

18/02/2025

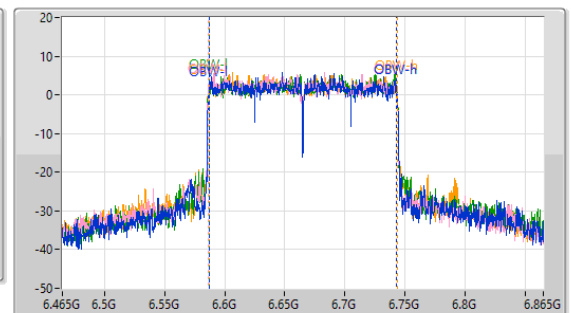
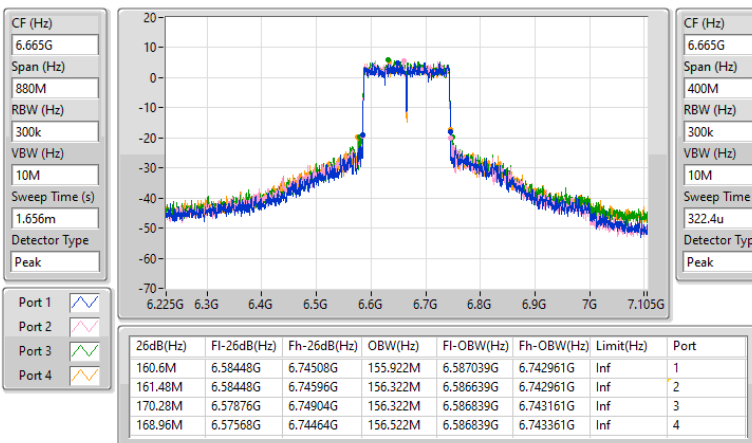


6.525-6.875GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

18/02/2025

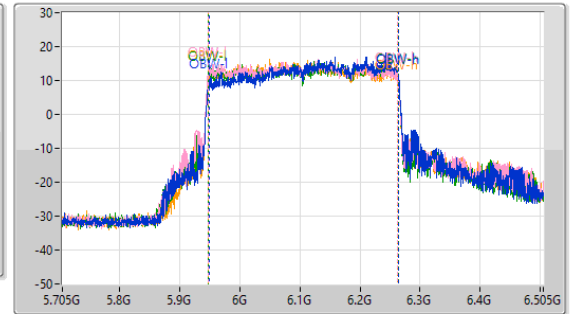
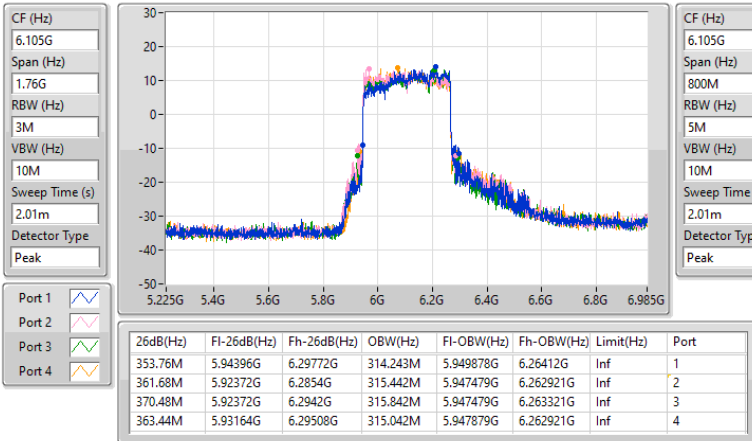


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6105MHz

18/02/2025

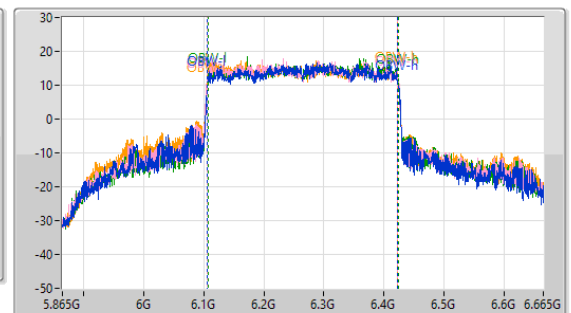
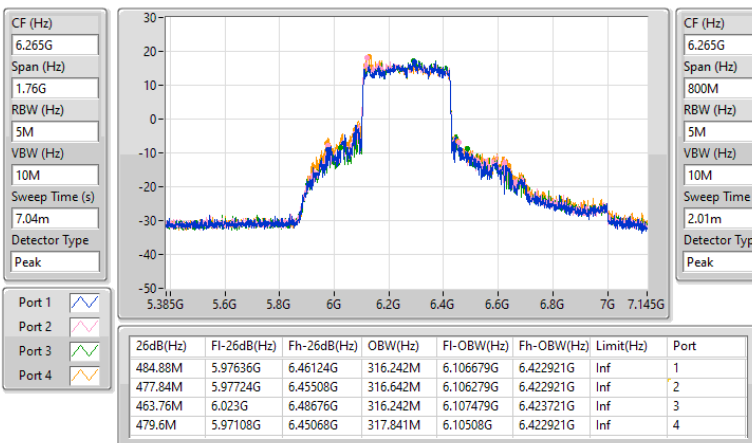


5.925-6.425GHz_802.11be EHT320-BF_Nss1,(MCS0)_4TX

EBW

6265MHz

18/02/2025

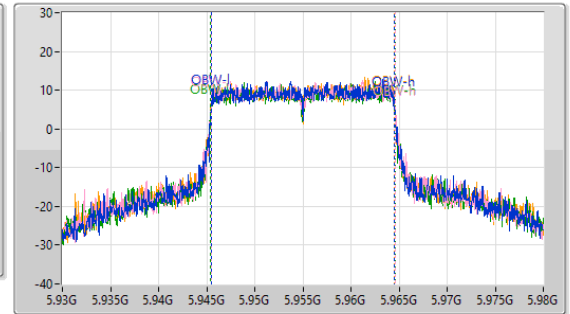
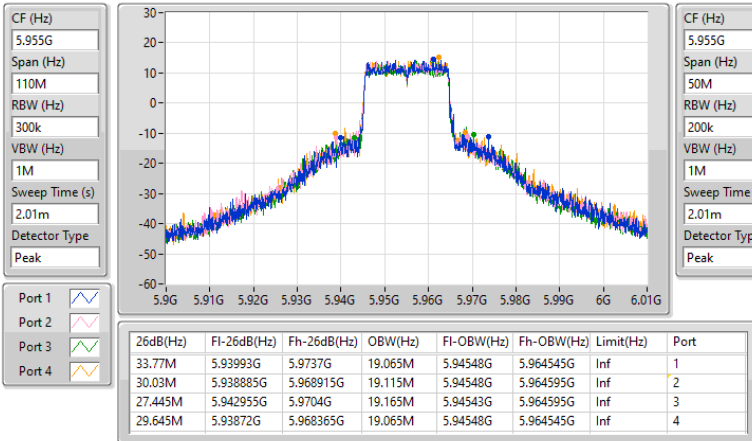


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EBW

5955MHz

18/02/2025

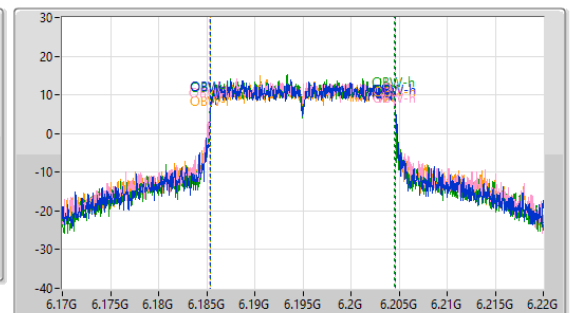
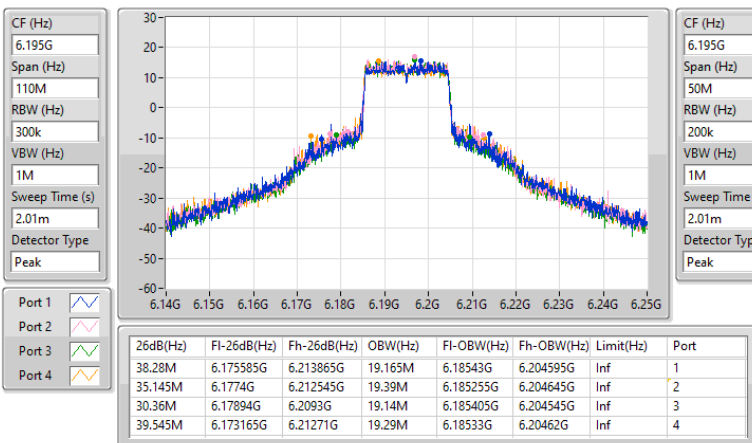


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EBW

6195MHz

18/02/2025

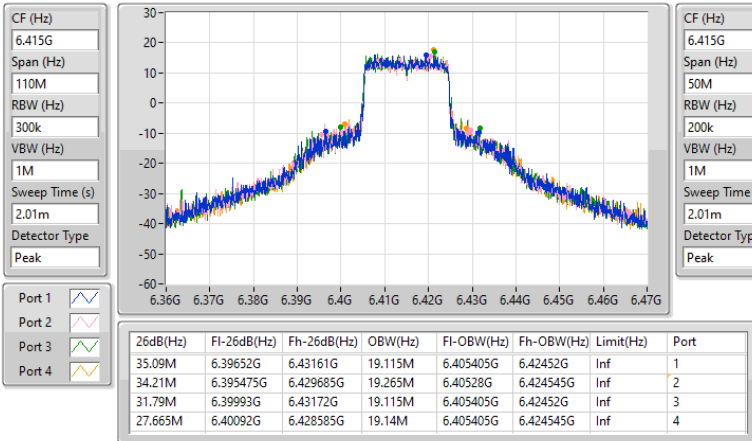


5.925-6.425GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6415MHz

18/02/2025

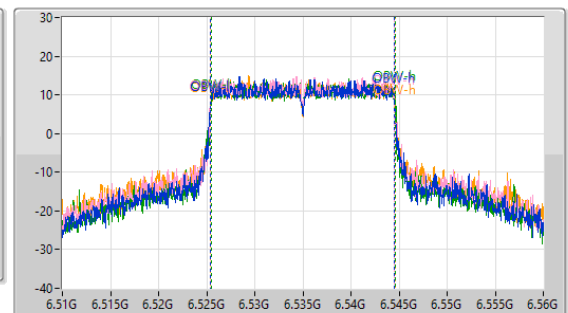
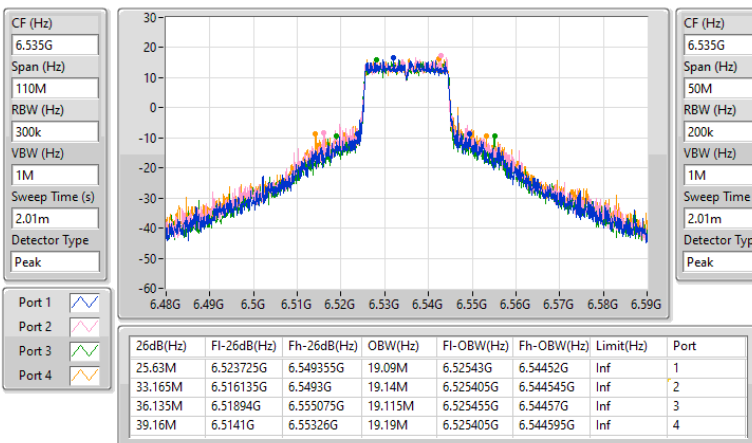


6.525-6.875GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6535MHz

18/02/2025

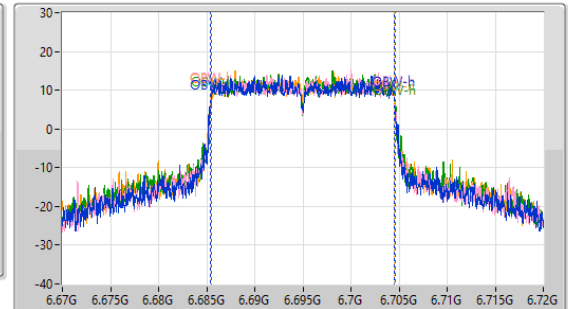
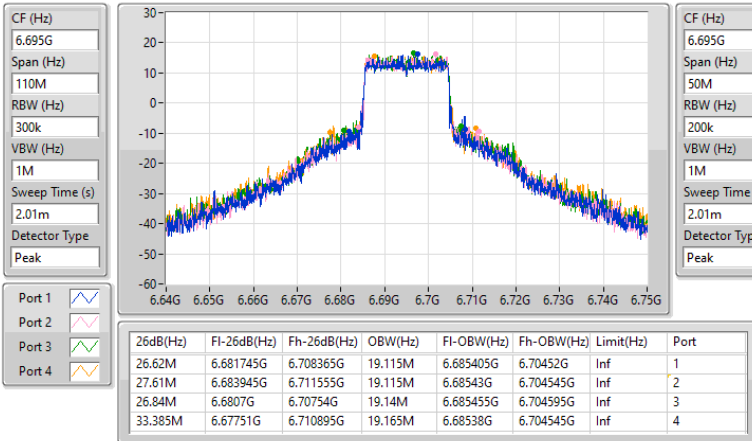


6.525-6.875GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6695MHz

18/02/2025

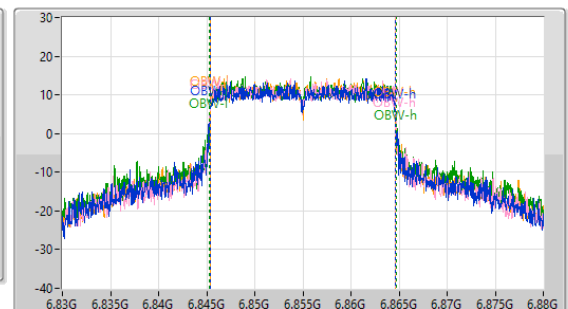
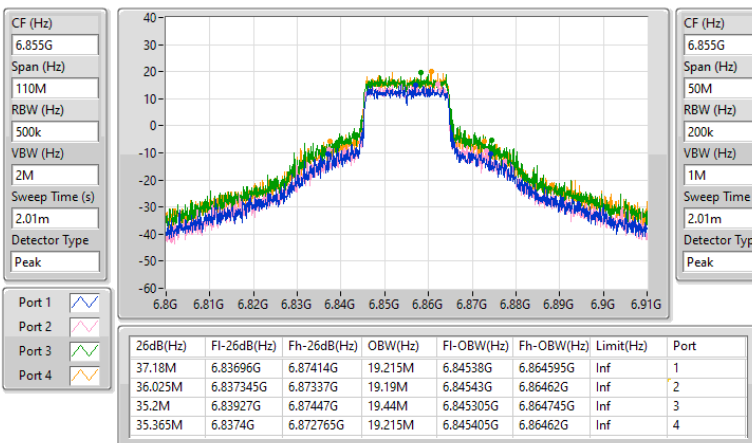


6.525-6.875GHz_802.11be EHT20-BF_Nss2,(MCS0)_4TX

EBW

6855MHz

18/02/2025

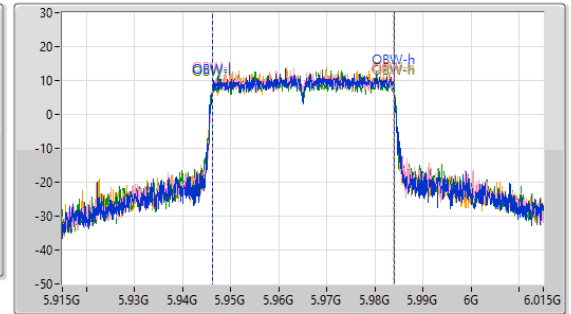
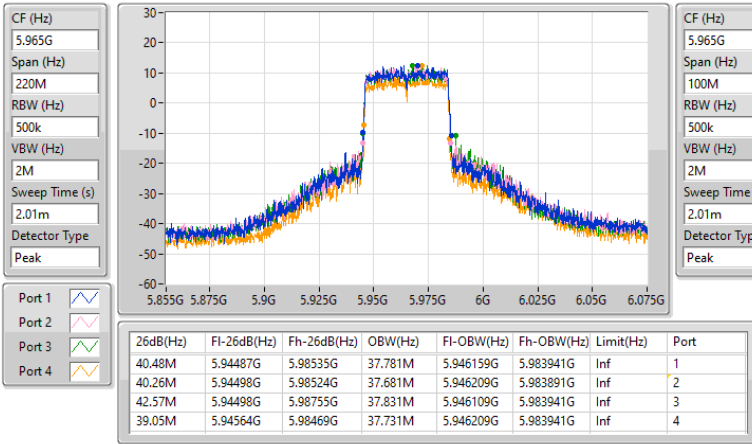


5.925-6.425GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

5965MHz

18/02/2025

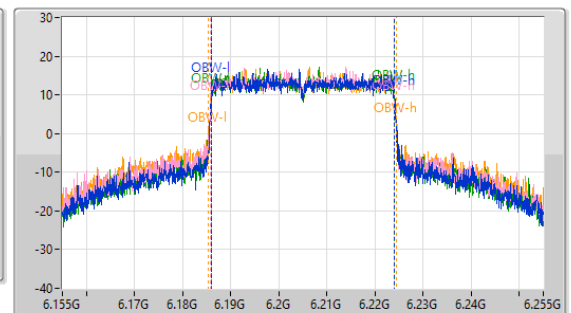
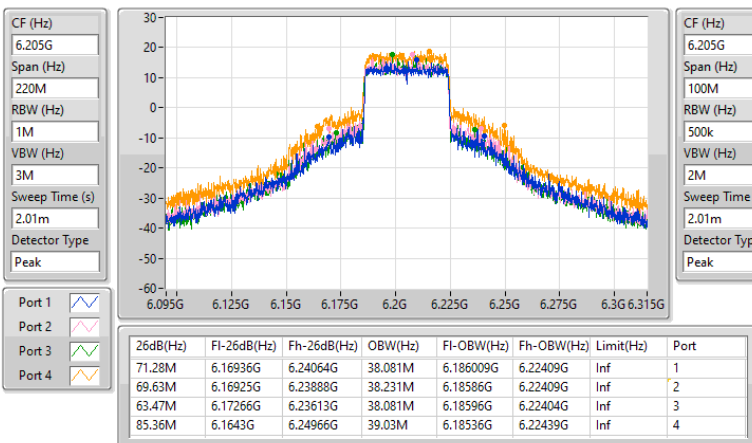


5.925-6.425GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6205MHz

18/02/2025

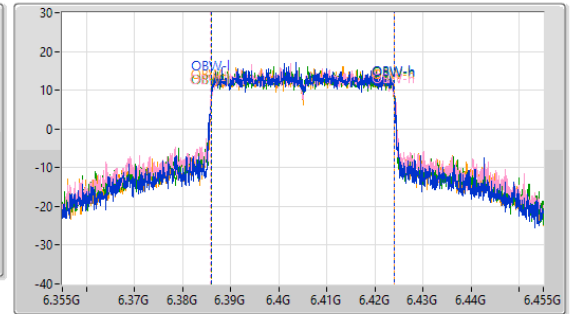
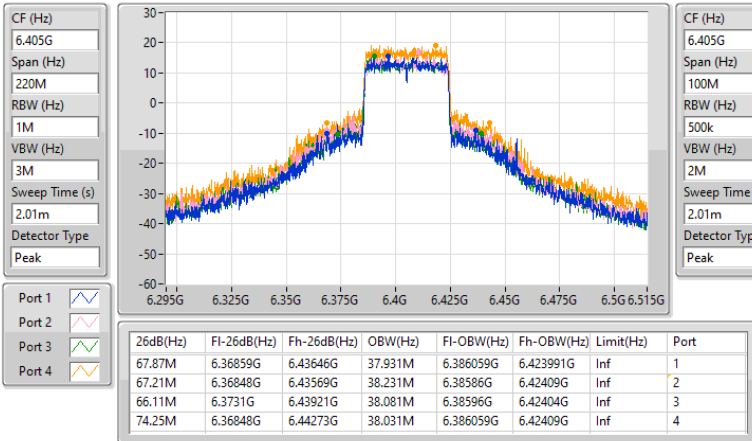


5.925-6.425GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6405MHz

18/02/2025

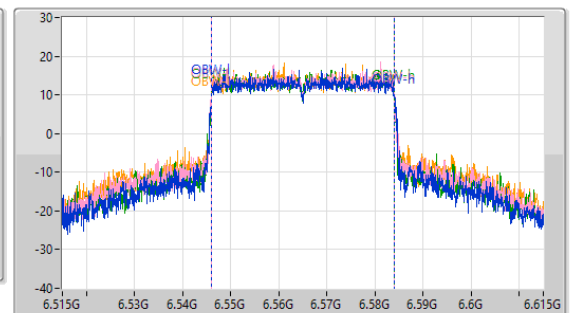
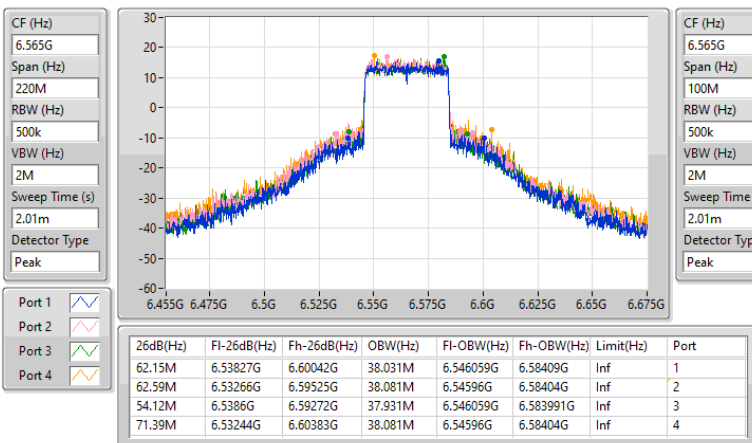


6.525-6.875GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6565MHz

18/02/2025

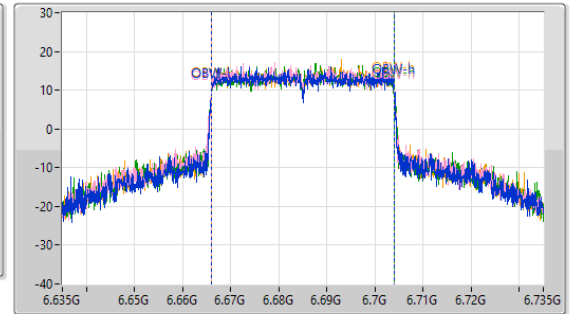
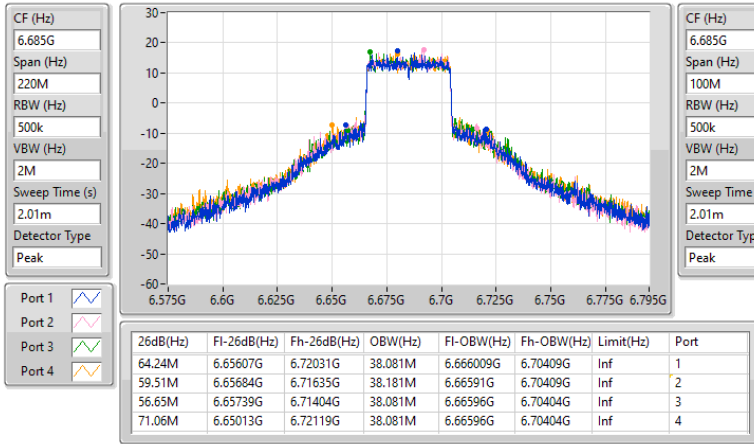


6.525-6.875GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6685MHz

18/02/2025

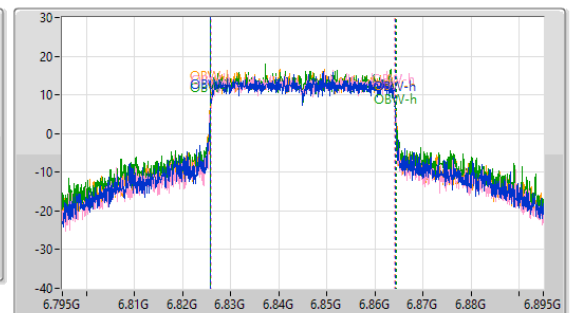
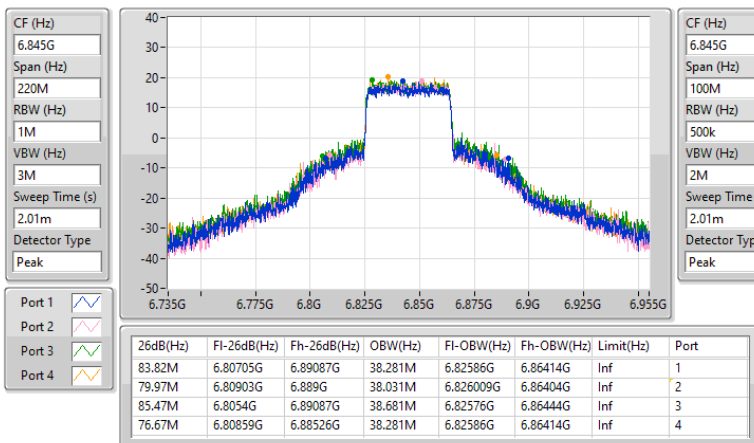


6.525-6.875GHz_802.11be EHT40-BF_Nss2,(MCS0)_4TX

EBW

6845MHz

18/02/2025

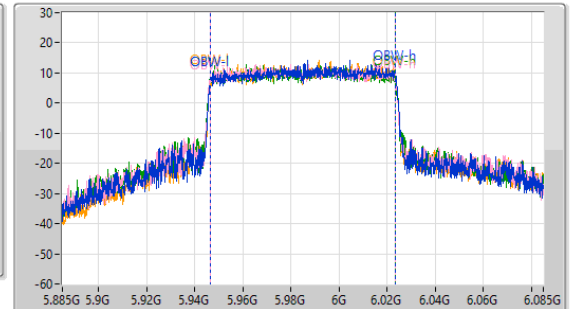
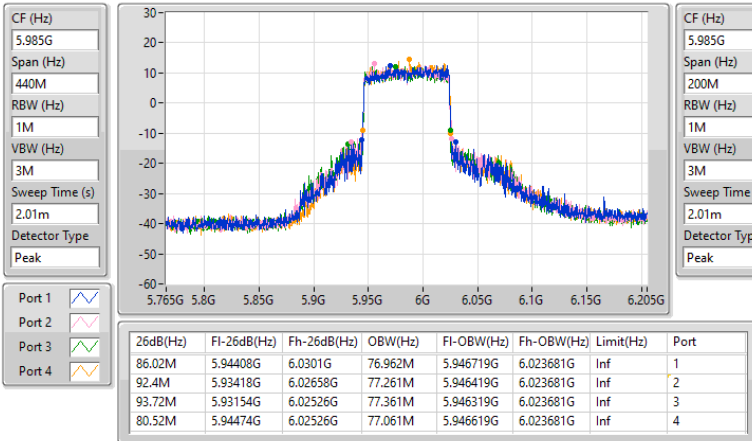


5.925-6.425GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

5985MHz

18/02/2025

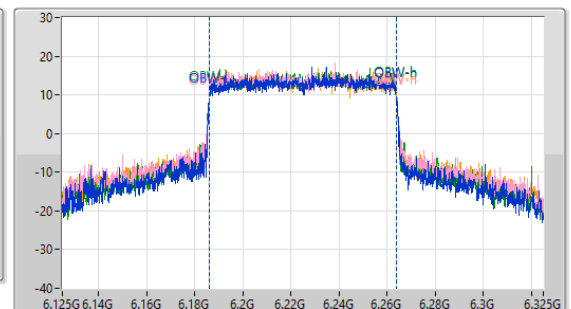
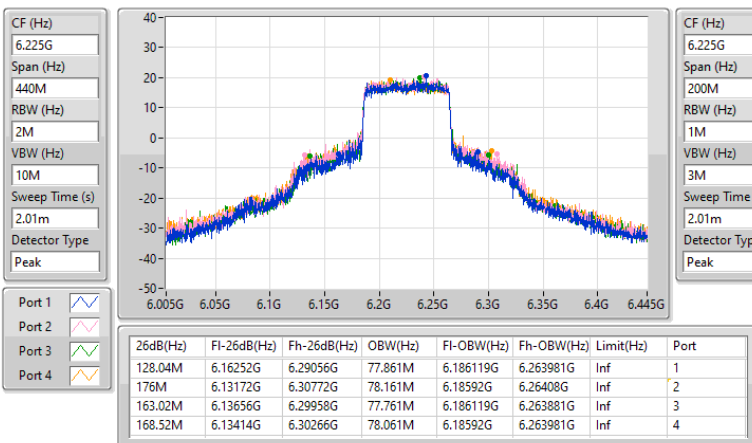


5.925-6.425GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6225MHz

18/02/2025

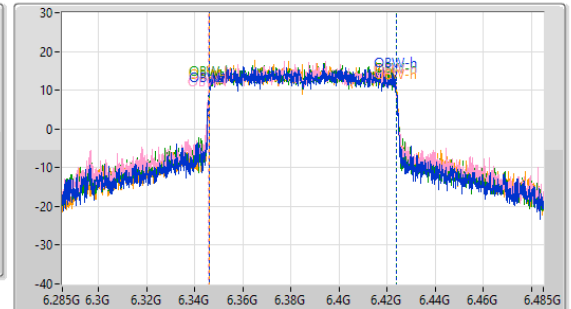
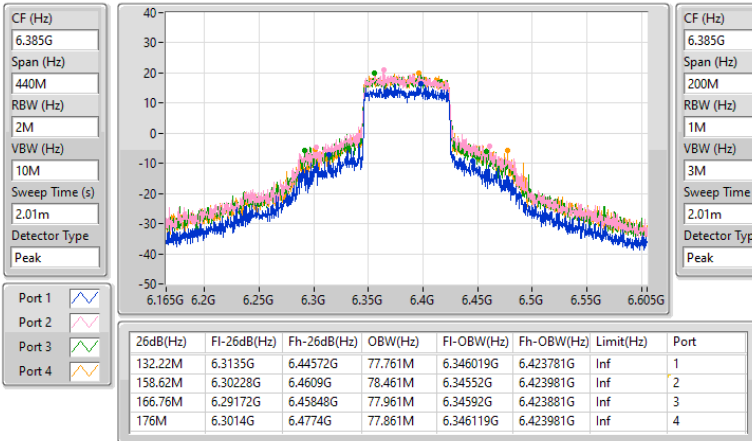


5.925-6.425GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6385MHz

18/02/2025

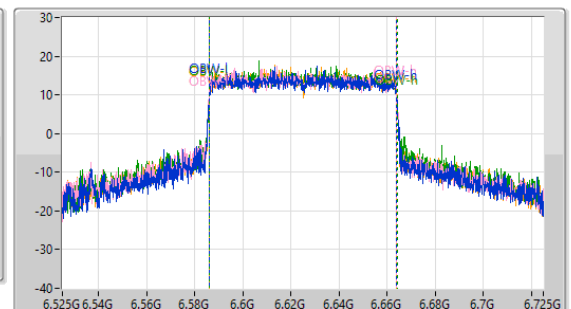
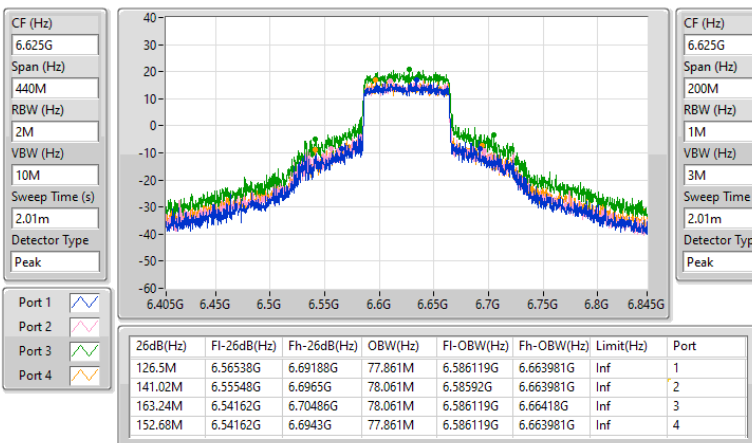


6.525-6.875GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6625MHz

18/02/2025

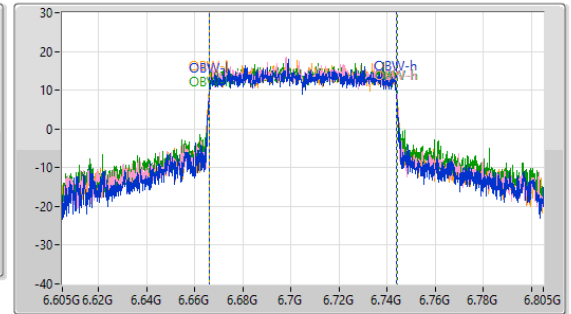
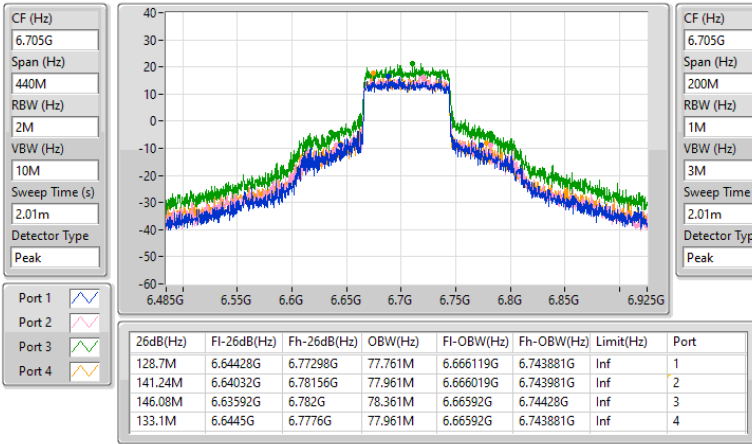


6.525-6.875GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6705MHz

18/02/2025

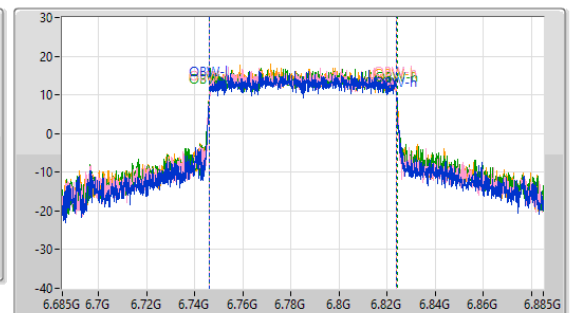
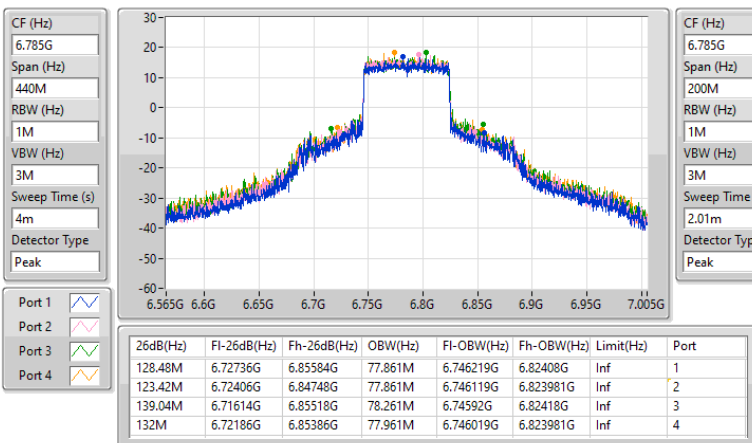


6.525-6.875GHz_802.11be EHT80-BF_Nss2,(MCS0)_4TX

EBW

6785MHz

18/02/2025

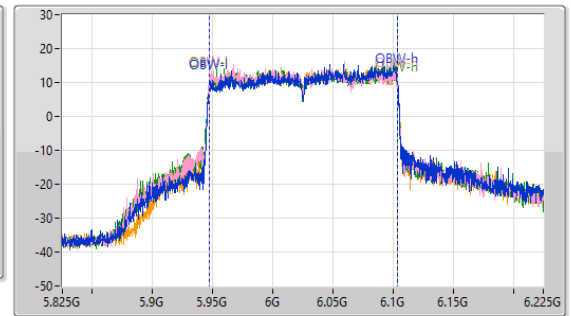
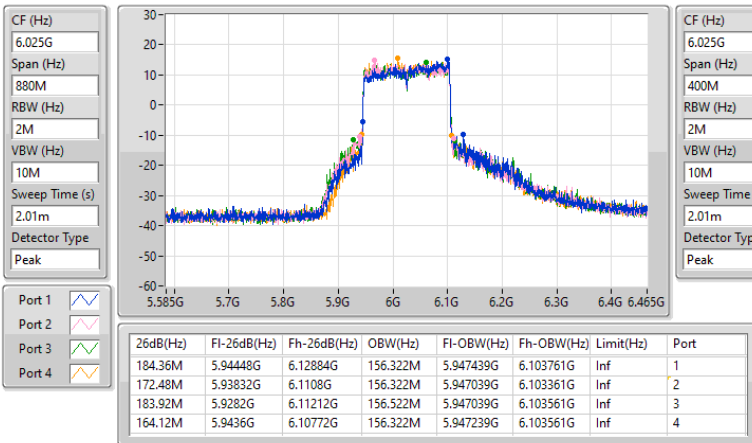


5.925-6.425GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6025MHz

18/02/2025

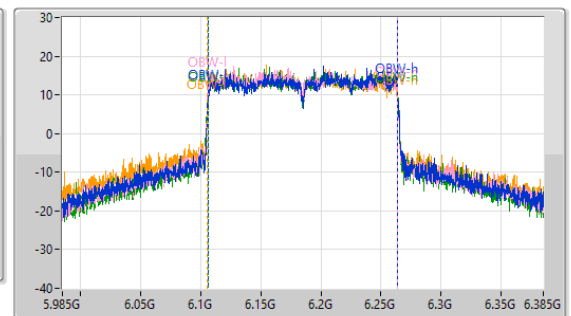
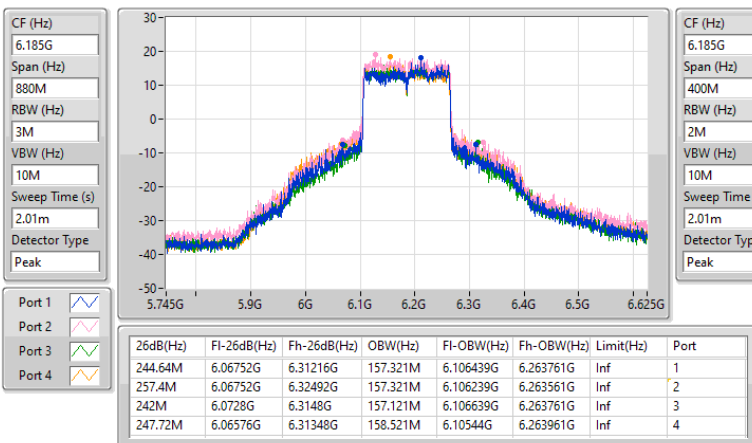


5.925-6.425GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6185MHz

18/02/2025

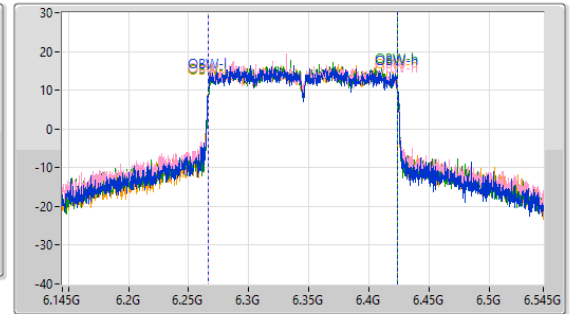
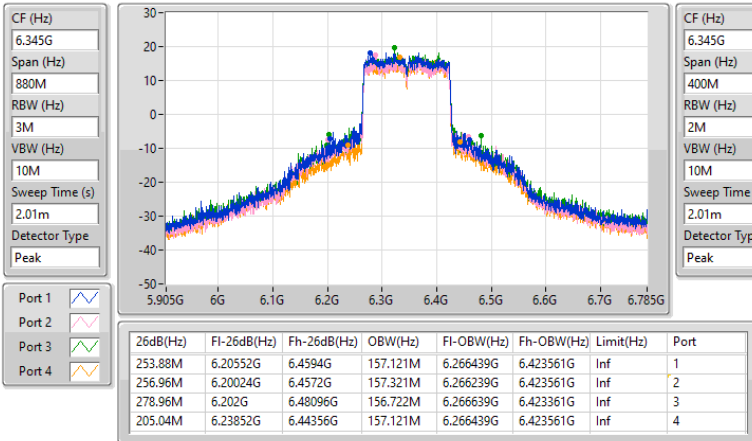


5.925-6.425GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6345MHz

18/02/2025

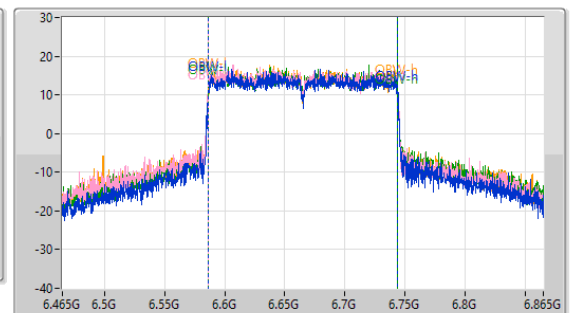
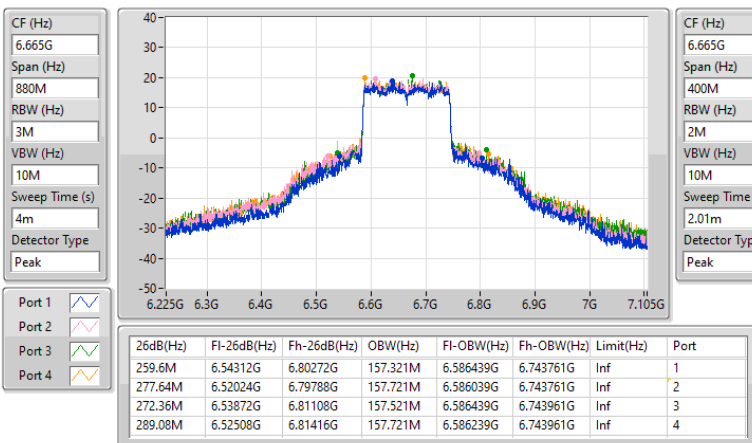


6.525-6.875GHz_802.11be EHT160-BF_Nss2,(MCS0)_4TX

EBW

6665MHz

18/02/2025

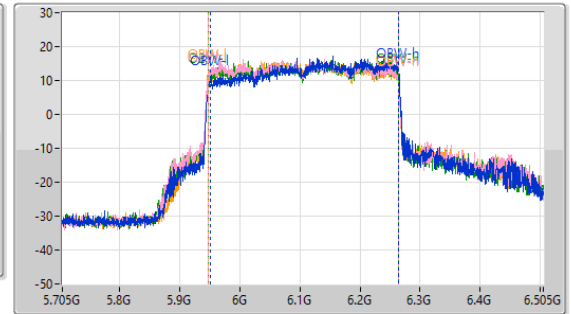
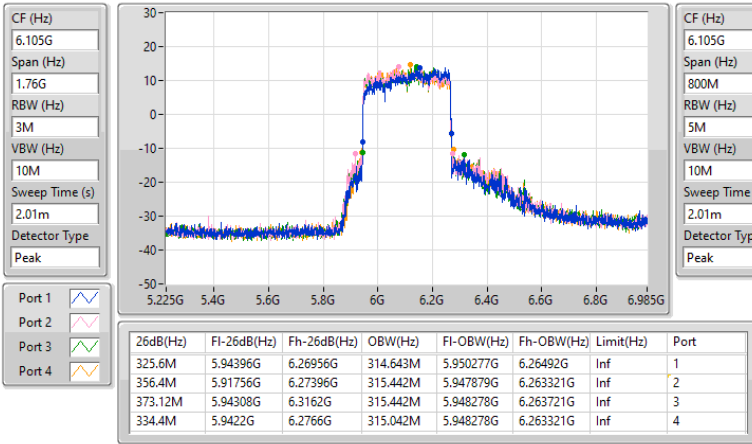


5.925-6.425GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6105MHz

18/02/2025

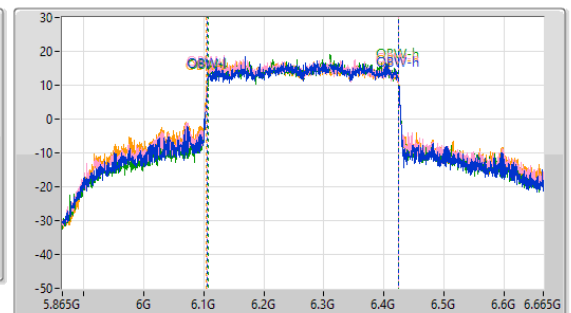
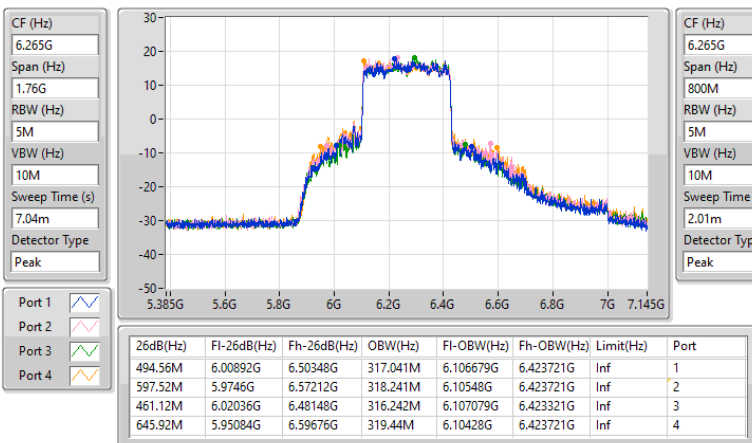


5.925-6.425GHz_802.11be EHT320-BF_Nss2,(MCS0)_4TX

EBW

6265MHz

18/02/2025





Average Power Indoor Access Point

Appendix B.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	11.18	0.01312	15.84	0.03837
802.11be EHT20-BF_Nss1,(MCS0)_4TX	11.73	0.01489	18.50	0.07079
802.11be EHT20-BF_Nss2,(MCS0)_4TX	13.85	0.02427	18.51	0.07096
802.11be EHT40-BF_Nss1,(MCS0)_4TX	14.71	0.02958	21.48	0.14060
802.11be EHT40-BF_Nss2,(MCS0)_4TX	16.82	0.04808	21.48	0.14060
802.11be EHT80-BF_Nss1,(MCS0)_4TX	17.67	0.05848	24.44	0.27797
802.11be EHT80-BF_Nss2,(MCS0)_4TX	19.71	0.09354	24.37	0.27353
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.39	0.10940	27.16	0.52000
802.11be EHT160-BF_Nss2,(MCS0)_4TX	22.35	0.17179	27.01	0.50234
802.11be EHT320-BF_Nss1,(MCS0)_4TX	23.03	0.20091	29.80	0.95499
802.11be EHT320-BF_Nss2,(MCS0)_4TX	25.04	0.31915	29.70	0.93325
6.425-6.525GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	11.52	0.01419	16.30	0.04266
802.11be EHT20-BF_Nss1,(MCS0)_4TX	12.21	0.01663	18.65	0.07328
802.11be EHT20-BF_Nss2,(MCS0)_4TX	13.96	0.02489	18.74	0.07482
802.11be EHT40-BF_Nss1,(MCS0)_4TX	15.12	0.03251	21.56	0.14322
802.11be EHT40-BF_Nss2,(MCS0)_4TX	16.77	0.04753	21.55	0.14289
802.11be EHT80-BF_Nss1,(MCS0)_4TX	17.83	0.06067	24.27	0.26730
802.11be EHT80-BF_Nss2,(MCS0)_4TX	19.49	0.08892	24.27	0.26730
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.81	0.12050	27.25	0.53088
802.11be EHT160-BF_Nss2,(MCS0)_4TX	22.21	0.16634	26.99	0.50003
802.11be EHT320-BF_Nss1,(MCS0)_4TX	23.46	0.22182	29.90	0.97724
802.11be EHT320-BF_Nss2,(MCS0)_4TX	25.04	0.31915	29.82	0.95940
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	11.34	0.01361	16.08	0.04055
802.11be EHT20-BF_Nss1,(MCS0)_4TX	11.93	0.01560	18.72	0.07447
802.11be EHT20-BF_Nss2,(MCS0)_4TX	13.99	0.02506	18.73	0.07464
802.11be EHT40-BF_Nss1,(MCS0)_4TX	14.87	0.03069	21.66	0.14655
802.11be EHT40-BF_Nss2,(MCS0)_4TX	16.89	0.04887	21.63	0.14555
802.11be EHT80-BF_Nss1,(MCS0)_4TX	17.64	0.05808	24.43	0.27733
802.11be EHT80-BF_Nss2,(MCS0)_4TX	19.68	0.09290	24.42	0.27669
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.49	0.11194	27.28	0.53456
802.11be EHT160-BF_Nss2,(MCS0)_4TX	22.45	0.17579	27.19	0.52360
802.11be EHT320-BF_Nss1,(MCS0)_4TX	23.17	0.20749	29.96	0.99083
802.11be EHT320-BF_Nss2,(MCS0)_4TX	25.20	0.33113	29.94	0.98628
6.875-7.125GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	12.26	0.01683	16.58	0.04550
802.11be EHT20-BF_Nss1,(MCS0)_4TX	12.77	0.01892	18.64	0.07311
802.11be EHT20-BF_Nss2,(MCS0)_4TX	14.53	0.02838	18.85	0.07674
802.11be EHT40-BF_Nss1,(MCS0)_4TX	16.32	0.04285	22.19	0.16558
802.11be EHT40-BF_Nss2,(MCS0)_4TX	18.04	0.06368	22.36	0.17219
802.11be EHT80-BF_Nss1,(MCS0)_4TX	19.11	0.08147	24.98	0.31477
802.11be EHT80-BF_Nss2,(MCS0)_4TX	20.51	0.11246	24.83	0.30409
802.11be EHT160-BF_Nss1,(MCS0)_4TX	21.47	0.14028	27.34	0.54200
802.11be EHT160-BF_Nss2,(MCS0)_4TX	22.81	0.19099	27.13	0.51642



Average Power Indoor Access Point

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	4.66	5.12	4.83	4.63	5.04	10.93	15.59	30.00
6195MHz	Pass	4.66	5.33	4.94	5.26	5.08	11.18	15.84	30.00
6415MHz	Pass	4.66	4.98	5.20	4.85	5.15	11.07	15.73	30.00
6435MHz	Pass	4.78	5.58	5.27	5.22	5.90	11.52	16.30	30.00
6475MHz	Pass	4.78	5.42	5.30	5.07	5.67	11.39	16.17	30.00
6515MHz	Pass	4.78	5.24	5.24	5.10	6.05	11.44	16.22	30.00
6535MHz	Pass	4.74	5.01	5.03	4.91	5.70	11.19	15.93	30.00
6695MHz	Pass	4.74	5.33	4.94	5.62	5.22	11.30	16.04	30.00
6875MHz	Pass	4.74	4.70	5.16	5.87	5.45	11.34	16.08	30.00
6895MHz	Pass	4.32	5.82	6.24	6.77	6.07	12.26	16.58	30.00
6995MHz	Pass	4.32	6.06	5.73	5.96	6.09	11.98	16.30	30.00
7095MHz	Pass	4.32	5.63	5.76	6.35	6.18	12.01	16.33	30.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	6.77	5.97	5.52	5.39	5.77	11.69	18.46	30.00
6195MHz	Pass	6.77	5.28	5.69	6.00	5.84	11.73	18.50	30.00
6415MHz	Pass	6.77	5.59	5.63	5.83	5.62	11.69	18.46	30.00
6435MHz	Pass	6.44	6.32	5.82	6.11	6.49	12.21	18.65	30.00
6475MHz	Pass	6.44	5.93	5.67	5.78	6.52	12.01	18.45	30.00
6515MHz	Pass	6.44	6.29	5.92	5.78	6.43	12.13	18.57	30.00
6535MHz	Pass	6.79	5.26	5.37	5.91	6.24	11.73	18.52	30.00
6695MHz	Pass	6.79	5.60	5.33	6.20	5.84	11.77	18.56	30.00
6875MHz	Pass	6.79	5.40	5.48	6.66	5.96	11.93	18.72	30.00
6895MHz	Pass	5.87	6.75	6.03	7.51	6.56	12.77	18.64	30.00
6995MHz	Pass	5.87	6.12	6.48	6.78	6.88	12.60	18.47	30.00
7095MHz	Pass	5.87	6.25	6.45	7.13	6.93	12.73	18.60	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	6.77	7.99	8.33	8.44	8.99	14.47	21.24	30.00
6205MHz	Pass	6.77	8.64	8.69	9.04	8.36	14.71	21.48	30.00
6405MHz	Pass	6.77	8.61	8.61	8.66	8.71	14.67	21.44	30.00
6445MHz	Pass	6.44	8.82	9.04	8.83	9.52	15.08	21.52	30.00
6485MHz	Pass	6.44	8.73	8.71	8.81	9.40	14.94	21.38	30.00
6525MHz	Pass	6.44	9.03	9.17	8.89	9.31	15.12	21.56	30.00
6565MHz	Pass	6.79	8.40	8.67	8.53	9.04	14.69	21.48	30.00
6685MHz	Pass	6.79	8.25	8.65	9.10	8.74	14.72	21.51	30.00
6885MHz	Pass	6.79	8.55	8.66	9.28	8.89	14.87	21.66	30.00
6925MHz	Pass	5.87	9.42	9.61	10.11	9.78	15.76	21.63	30.00
7005MHz	Pass	5.87	9.38	9.51	9.90	9.55	15.61	21.48	30.00
7085MHz	Pass	5.87	10.11	10.21	10.39	10.47	16.32	22.19	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	6.77	11.23	11.07	10.90	11.54	17.21	23.98	30.00
6225MHz	Pass	6.77	11.47	11.75	11.81	11.56	17.67	24.44	30.00
6385MHz	Pass	6.77	11.30	11.11	11.38	11.35	17.31	24.08	30.00
6465MHz	Pass	6.44	11.90	11.56	11.77	11.99	17.83	24.27	30.00
6545MHz	Pass	6.44	11.59	11.64	11.81	11.99	17.78	24.22	30.00
6625MHz	Pass	6.79	11.37	11.36	11.89	11.84	17.64	24.43	30.00
6705MHz	Pass	6.79	11.25	11.16	12.00	11.60	17.54	24.33	30.00
6785MHz	Pass	6.79	11.08	11.01	12.23	11.48	17.50	24.29	30.00
6865MHz	Pass	6.79	11.29	11.06	12.09	11.57	17.54	24.33	30.00
6945MHz	Pass	5.87	12.48	12.76	12.76	12.66	18.69	24.56	30.00
7025MHz	Pass	5.87	13.14	12.96	13.20	13.06	19.11	24.98	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	6.77	13.64	13.77	13.66	13.95	19.78	26.55	30.00
6185MHz	Pass	6.77	14.35	14.36	14.51	14.15	20.36	27.13	30.00
6345MHz	Pass	6.77	14.37	14.32	14.46	14.33	20.39	27.16	30.00



Average Power Indoor Access Point

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6505MHz	Pass	6.44	14.53	14.82	14.91	14.88	20.81	27.25	30.00
6665MHz	Pass	6.79	14.07	14.45	14.77	14.48	20.47	27.26	30.00
6825MHz	Pass	6.79	14.05	14.47	14.75	14.59	20.49	27.28	30.00
6985MHz	Pass	5.87	15.23	15.66	15.39	15.51	21.47	27.34	30.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6105MHz	Pass	6.77	16.59	16.90	16.56	16.48	22.66	29.43	30.00
6265MHz	Pass	6.77	16.88	17.21	17.06	16.88	23.03	29.80	30.00
6425MHz	Pass	6.77	16.81	17.18	16.78	16.96	22.96	29.73	30.00
6585MHz	Pass	6.44	17.29	17.65	17.36	17.44	23.46	29.90	30.00
6745MHz	Pass	6.79	16.88	17.16	17.38	17.18	23.17	29.96	30.00
6905MHz	Pass	6.79	16.93	17.08	17.14	16.97	23.05	29.84	30.00
802.11be EHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	4.66	7.98	7.64	7.91	7.69	13.83	18.49	30.00
6195MHz	Pass	4.66	7.65	7.90	8.34	7.39	13.85	18.51	30.00
6415MHz	Pass	4.66	8.00	7.56	7.52	7.46	13.66	18.32	30.00
6435MHz	Pass	4.78	8.08	7.27	7.54	8.03	13.76	18.54	30.00
6475MHz	Pass	4.78	7.49	7.75	7.49	7.85	13.67	18.45	30.00
6515MHz	Pass	4.78	7.94	7.89	7.96	7.98	13.96	18.74	30.00
6535MHz	Pass	4.74	7.65	7.86	7.68	7.72	13.75	18.49	30.00
6695MHz	Pass	4.74	7.85	7.80	8.23	7.92	13.97	18.71	30.00
6875MHz	Pass	4.74	7.61	7.94	8.48	7.81	13.99	18.73	30.00
6895MHz	Pass	4.32	7.79	8.31	9.03	8.46	14.44	18.76	30.00
6995MHz	Pass	4.32	7.80	8.25	8.35	8.59	14.28	18.60	30.00
7095MHz	Pass	4.32	8.04	8.67	8.58	8.73	14.53	18.85	30.00
802.11be EHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	4.66	10.40	10.55	10.53	10.84	16.60	21.26	30.00
6205MHz	Pass	4.66	10.70	10.89	10.86	10.76	16.82	21.48	30.00
6405MHz	Pass	4.66	10.74	10.59	10.84	10.59	16.71	21.37	30.00
6445MHz	Pass	4.78	10.72	10.68	10.71	10.88	16.77	21.55	30.00
6485MHz	Pass	4.78	10.73	10.44	10.74	10.88	16.72	21.50	30.00
6525MHz	Pass	4.78	10.43	10.79	10.66	10.88	16.71	21.49	30.00
6565MHz	Pass	4.74	10.29	10.62	10.68	10.76	16.61	21.35	30.00
6685MHz	Pass	4.74	10.60	10.66	11.13	10.84	16.83	21.57	30.00
6885MHz	Pass	4.74	10.63	10.69	11.18	10.95	16.89	21.63	30.00
6925MHz	Pass	4.32	10.99	11.26	11.40	11.09	17.21	21.53	30.00
7005MHz	Pass	4.32	11.00	11.16	11.12	11.07	17.11	21.43	30.00
7085MHz	Pass	4.32	11.43	12.09	12.21	12.30	18.04	22.36	30.00
802.11be EHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	4.66	13.21	13.33	13.02	13.55	19.30	23.96	30.00
6225MHz	Pass	4.66	13.49	13.97	13.73	13.55	19.71	24.37	30.00
6385MHz	Pass	4.66	13.49	13.56	13.54	13.51	19.55	24.21	30.00
6465MHz	Pass	4.78	13.49	13.30	13.44	13.65	19.49	24.27	30.00
6545MHz	Pass	4.78	13.15	13.24	13.16	13.44	19.27	24.05	30.00
6625MHz	Pass	4.74	13.53	13.55	13.88	13.65	19.68	24.42	30.00
6705MHz	Pass	4.74	13.26	13.47	14.07	13.41	19.58	24.32	30.00
6785MHz	Pass	4.74	13.31	13.42	14.06	13.59	19.63	24.37	30.00
6865MHz	Pass	4.74	13.25	13.58	13.88	13.62	19.61	24.35	30.00
6945MHz	Pass	4.32	13.83	14.31	13.93	13.90	20.02	24.34	30.00
7025MHz	Pass	4.32	14.30	14.69	14.54	14.43	20.51	24.83	30.00
802.11be EHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	4.66	15.58	15.65	15.51	15.51	21.58	26.24	30.00
6185MHz	Pass	4.66	16.29	16.31	16.46	16.27	22.35	27.01	30.00
6345MHz	Pass	4.66	16.22	16.40	16.23	15.97	22.23	26.89	30.00
6505MHz	Pass	4.78	16.01	16.22	16.28	16.24	22.21	26.99	30.00
6665MHz	Pass	4.74	16.29	16.42	16.65	16.35	22.45	27.19	30.00
6825MHz	Pass	4.74	16.08	16.42	16.71	16.39	22.43	27.17	30.00



Average Power_Indoor Access Point

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6985MHz	Pass	4.32	16.67	16.88	16.85	16.74	22.81	27.13	30.00
802.11be EHT320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6105MHz	Pass	4.66	18.66	18.77	18.56	18.65	24.68	29.34	30.00
6265MHz	Pass	4.66	18.95	19.05	19.05	19.01	25.04	29.70	30.00
6425MHz	Pass	4.66	18.85	18.88	18.80	19.06	24.92	29.58	30.00
6585MHz	Pass	4.78	18.91	19.03	19.07	19.07	25.04	29.82	30.00
6745MHz	Pass	4.74	18.86	19.22	19.47	19.15	25.20	29.94	30.00
6905MHz	Pass	4.74	18.80	19.18	19.12	19.03	25.06	29.80	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.14	0.82035	33.80	2.39883
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.19	0.82985	35.96	3.94457
802.11be EHT20-BF_Nss2,(MCS0)_4TX	31.11	1.29122	35.77	3.77572
802.11be EHT40-BF_Nss1,(MCS0)_4TX	29.07	0.80724	35.84	3.83707
802.11be EHT40-BF_Nss2,(MCS0)_4TX	31.07	1.27938	35.73	3.74111
802.11be EHT80-BF_Nss1,(MCS0)_4TX	29.05	0.80353	35.82	3.81944
802.11be EHT80-BF_Nss2,(MCS0)_4TX	30.86	1.21899	35.52	3.56451
802.11be EHT160-BF_Nss1,(MCS0)_4TX	29.18	0.82794	35.95	3.93550
802.11be EHT160-BF_Nss2,(MCS0)_4TX	30.33	1.07895	34.99	3.15500
802.11be EHT320-BF_Nss1,(MCS0)_4TX	29.01	0.79616	35.78	3.78443
802.11be EHT320-BF_Nss2,(MCS0)_4TX	29.49	0.88920	34.15	2.60016
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.18	0.82794	33.92	2.46604
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.08	0.80910	35.87	3.86367
802.11be EHT20-BF_Nss2,(MCS0)_4TX	31.10	1.28825	35.84	3.83707
802.11be EHT40-BF_Nss1,(MCS0)_4TX	29.09	0.81096	35.88	3.87258
802.11be EHT40-BF_Nss2,(MCS0)_4TX	31.24	1.33045	35.98	3.96278
802.11be EHT80-BF_Nss1,(MCS0)_4TX	29.16	0.82414	35.95	3.93550
802.11be EHT80-BF_Nss2,(MCS0)_4TX	31.22	1.32434	35.96	3.94457
802.11be EHT160-BF_Nss1,(MCS0)_4TX	28.97	0.78886	35.76	3.76704
802.11be EHT160-BF_Nss2,(MCS0)_4TX	30.66	1.16413	35.40	3.46737

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	4.66	23.36	23.22	22.80	23.06	29.14	33.80	36.00
6195MHz	Pass	4.66	22.81	23.34	23.07	22.95	29.07	33.73	36.00
6415MHz	Pass	4.66	23.30	23.13	22.67	22.37	28.90	33.56	36.00
6535MHz	Pass	4.74	23.09	23.29	22.83	23.04	29.09	33.83	36.00
6695MHz	Pass	4.74	23.22	23.22	23.19	22.99	29.18	33.92	36.00
6855MHz	Pass	4.74	23.13	22.83	23.32	22.93	29.08	33.82	36.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	6.77	22.85	22.63	22.25	22.59	28.61	35.38	36.00
6195MHz	Pass	6.77	23.31	23.28	23.30	22.75	29.19	35.96	36.00
6415MHz	Pass	6.77	23.40	23.05	23.04	23.02	29.15	35.92	36.00
6535MHz	Pass	6.79	22.87	23.10	22.95	23.28	29.07	35.86	36.00
6695MHz	Pass	6.79	22.98	22.87	23.13	23.14	29.05	35.84	36.00
6855MHz	Pass	6.79	22.81	23.20	23.21	23.02	29.08	35.87	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	6.77	20.61	20.66	20.01	20.52	26.48	33.25	36.00
6205MHz	Pass	6.77	22.80	23.41	23.10	22.87	29.07	35.84	36.00
6405MHz	Pass	6.77	22.82	23.32	23.02	22.84	29.03	35.80	36.00
6565MHz	Pass	6.79	22.76	23.09	22.89	23.17	29.00	35.79	36.00
6685MHz	Pass	6.79	22.80	23.16	23.16	23.13	29.09	35.88	36.00
6845MHz	Pass	6.79	22.63	22.77	23.32	23.14	28.99	35.78	36.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	6.77	20.94	20.86	20.25	20.87	26.76	33.53	36.00
6225MHz	Pass	6.77	22.76	23.29	23.08	22.98	29.05	35.82	36.00
6385MHz	Pass	6.77	22.82	23.13	23.09	22.97	29.02	35.79	36.00
6625MHz	Pass	6.79	22.85	23.12	23.26	23.02	29.09	35.88	36.00
6705MHz	Pass	6.79	22.78	22.97	23.44	23.07	29.09	35.88	36.00
6785MHz	Pass	6.79	22.56	23.07	23.54	23.33	29.16	35.95	36.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	6.77	21.21	21.39	21.01	21.31	27.25	34.02	36.00
6185MHz	Pass	6.77	22.67	23.33	22.99	22.86	28.99	35.76	36.00
6345MHz	Pass	6.77	22.97	23.33	23.13	23.21	29.18	35.95	36.00
6665MHz	Pass	6.79	22.58	23.17	23.02	23.00	28.97	35.76	36.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6105MHz	Pass	6.77	21.63	21.94	21.53	21.73	27.73	34.50	36.00
6265MHz	Pass	6.77	22.62	23.08	23.01	23.21	29.01	35.78	36.00
802.11be EHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	4.66	23.54	23.71	23.22	23.45	29.50	34.16	36.00
6195MHz	Pass	4.66	25.05	25.39	25.09	24.80	31.11	35.77	36.00
6415MHz	Pass	4.66	24.96	24.79	24.88	24.80	30.88	35.54	36.00
6535MHz	Pass	4.74	24.81	25.36	24.87	25.26	31.10	35.84	36.00
6695MHz	Pass	4.74	24.78	25.06	25.17	25.06	31.04	35.78	36.00
6855MHz	Pass	4.74	24.41	24.93	25.51	25.36	31.09	35.83	36.00
802.11be EHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	4.66	21.40	21.58	20.94	21.51	27.39	32.05	36.00
6205MHz	Pass	4.66	24.80	25.27	25.12	25.01	31.07	35.73	36.00
6405MHz	Pass	4.66	24.58	25.00	24.64	24.68	30.75	35.41	36.00
6565MHz	Pass	4.74	24.73	25.41	25.16	25.54	31.24	35.98	36.00
6685MHz	Pass	4.74	25.10	25.32	25.19	25.20	31.22	35.96	36.00
6845MHz	Pass	4.74	24.68	24.82	25.56	25.36	31.14	35.88	36.00
802.11be EHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	4.66	21.11	21.15	20.75	21.70	27.21	31.87	36.00
6225MHz	Pass	4.66	24.56	24.98	24.99	24.63	30.82	35.48	36.00
6385MHz	Pass	4.66	24.69	25.09	24.86	24.71	30.86	35.52	36.00
6625MHz	Pass	4.74	24.66	25.28	25.59	25.20	31.22	35.96	36.00



Average Power_Standard Power Access Point

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6705MHz	Pass	4.74	24.78	25.13	25.72	25.12	31.22	35.96	36.00
6785MHz	Pass	4.74	24.35	25.21	25.36	25.54	31.16	35.90	36.00
802.11be EHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	4.66	21.88	22.07	21.72	22.16	27.98	32.64	36.00
6185MHz	Pass	4.66	24.00	24.31	24.23	24.07	30.17	34.83	36.00
6345MHz	Pass	4.66	24.16	24.53	24.27	24.28	30.33	34.99	36.00
6665MHz	Pass	4.74	23.93	24.82	24.91	24.81	30.66	35.40	36.00
802.11be EHT320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6105MHz	Pass	4.66	22.08	22.35	22.08	22.21	28.20	32.86	36.00
6265MHz	Pass	4.66	23.17	23.72	23.44	23.51	29.49	34.15	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.81	4.96
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-1.79	4.98
802.11be EHT20-BF_Nss2,(MCS0)_4TX	0.31	4.97
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-1.82	4.95
802.11be EHT40-BF_Nss2,(MCS0)_4TX	0.31	4.97
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-1.79	4.98
802.11be EHT80-BF_Nss2,(MCS0)_4TX	0.24	4.90
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-1.82	4.95
802.11be EHT160-BF_Nss2,(MCS0)_4TX	0.18	4.84
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-1.83	4.94
802.11be EHT320-BF_Nss2,(MCS0)_4TX	0.23	4.89
6.425-6.525GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.46	4.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-1.45	4.99
802.11be EHT20-BF_Nss2,(MCS0)_4TX	0.20	4.98
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-1.48	4.96
802.11be EHT40-BF_Nss2,(MCS0)_4TX	0.20	4.98
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-1.50	4.94
802.11be EHT80-BF_Nss2,(MCS0)_4TX	0.15	4.93
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-1.48	4.96
802.11be EHT160-BF_Nss2,(MCS0)_4TX	0.06	4.84
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-1.52	4.92
802.11be EHT320-BF_Nss2,(MCS0)_4TX	0.15	4.93
6.525-6.875GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.81	4.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-1.84	4.95
802.11be EHT20-BF_Nss2,(MCS0)_4TX	0.24	4.98
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-1.81	4.98
802.11be EHT40-BF_Nss2,(MCS0)_4TX	0.24	4.98
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-1.85	4.94
802.11be EHT80-BF_Nss2,(MCS0)_4TX	0.23	4.97
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-1.86	4.93
802.11be EHT160-BF_Nss2,(MCS0)_4TX	0.16	4.90
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-1.98	4.81
802.11be EHT320-BF_Nss2,(MCS0)_4TX	0.19	4.93
6.875-7.125GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-0.91	4.96
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-0.99	4.88
802.11be EHT20-BF_Nss2,(MCS0)_4TX	0.64	4.96
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-0.91	4.96
802.11be EHT40-BF_Nss2,(MCS0)_4TX	0.64	4.96
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-0.90	4.97
802.11be EHT80-BF_Nss2,(MCS0)_4TX	0.54	4.86
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-0.97	4.90
802.11be EHT160-BF_Nss2,(MCS0)_4TX	0.58	4.90

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	6.77	-7.60	-7.91	-8.12	-7.66	-1.87	4.90	5.00
6195MHz	Pass	6.77	-7.62	-7.93	-7.65	-7.85	-1.82	4.95	5.00
6415MHz	Pass	6.77	-7.78	-7.61	-7.97	-7.72	-1.81	4.96	5.00
6435MHz	Pass	6.44	-7.27	-7.63	-7.70	-7.05	-1.46	4.98	5.00
6475MHz	Pass	6.44	-7.40	-7.51	-7.68	-7.30	-1.54	4.90	5.00
6515MHz	Pass	6.44	-7.66	-7.53	-7.74	-6.93	-1.54	4.90	5.00
6535MHz	Pass	6.79	-7.88	-7.75	-8.03	-7.25	-1.81	4.98	5.00
6695MHz	Pass	6.79	-7.76	-8.02	-7.35	-7.75	-1.81	4.98	5.00
6875MHz	Pass	6.79	-8.40	-7.90	-7.23	-7.56	-1.83	4.96	5.00
6895MHz	Pass	5.87	-7.29	-6.75	-6.35	-6.97	-0.91	4.96	5.00
6995MHz	Pass	5.87	-6.93	-7.07	-6.85	-6.92	-1.00	4.87	5.00
7095MHz	Pass	5.87	-7.44	-7.36	-6.57	-6.88	-1.06	4.81	5.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	6.77	-7.37	-7.82	-8.04	-7.60	-1.79	4.98	5.00
6195MHz	Pass	6.77	-8.26	-7.82	-7.56	-7.70	-1.89	4.88	5.00
6415MHz	Pass	6.77	-7.80	-7.71	-7.50	-7.86	-1.81	4.96	5.00
6435MHz	Pass	6.44	-7.25	-7.69	-7.52	-7.17	-1.45	4.99	5.00
6475MHz	Pass	6.44	-7.65	-7.91	-7.82	-7.07	-1.66	4.78	5.00
6515MHz	Pass	6.44	-7.29	-7.67	-7.83	-7.20	-1.57	4.87	5.00
6535MHz	Pass	6.79	-8.24	-8.05	-7.64	-7.40	-1.88	4.91	5.00
6695MHz	Pass	6.79	-8.02	-8.20	-7.40	-7.81	-1.91	4.88	5.00
6875MHz	Pass	6.79	-8.27	-8.19	-7.00	-7.73	-1.84	4.95	5.00
6895MHz	Pass	5.87	-7.02	-7.65	-6.21	-7.19	-1.05	4.82	5.00
6995MHz	Pass	5.87	-7.41	-7.01	-6.68	-6.66	-1.01	4.86	5.00
7095MHz	Pass	5.87	-7.43	-7.27	-6.50	-6.79	-0.99	4.88	5.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	6.77	-8.20	-7.92	-7.92	-7.18	-1.86	4.91	5.00
6205MHz	Pass	6.77	-7.85	-7.67	-7.45	-8.09	-1.82	4.95	5.00
6405MHz	Pass	6.77	-7.80	-7.72	-7.72	-7.75	-1.83	4.94	5.00
6445MHz	Pass	6.44	-7.68	-7.43	-7.70	-7.04	-1.48	4.96	5.00
6485MHz	Pass	6.44	-7.66	-7.78	-7.68	-7.17	-1.62	4.82	5.00
6525MHz	Pass	6.44	-7.53	-7.36	-7.68	-7.24	-1.54	4.90	5.00
6565MHz	Pass	6.79	-8.06	-7.69	-7.85	-7.41	-1.81	4.98	5.00
6685MHz	Pass	6.79	-8.33	-7.86	-7.51	-7.77	-1.93	4.86	5.00
6885MHz	Pass	6.79	-8.16	-8.01	-7.35	-7.87	-1.91	4.88	5.00
6925MHz	Pass	5.87	-7.22	-6.98	-6.59	-6.91	-1.01	4.86	5.00
7005MHz	Pass	5.87	-7.13	-6.91	-6.60	-7.04	-0.91	4.96	5.00
7085MHz	Pass	5.87	-7.16	-7.14	-6.76	-6.72	-0.95	4.92	5.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	6.77	-7.87	-8.04	-8.30	-7.52	-2.02	4.75	5.00
6225MHz	Pass	6.77	-7.89	-7.54	-7.59	-7.75	-1.79	4.98	5.00
6385MHz	Pass	6.77	-7.78	-8.02	-7.93	-7.91	-1.98	4.79	5.00
6465MHz	Pass	6.44	-7.65	-7.80	-7.49	-7.28	-1.58	4.86	5.00
6545MHz	Pass	6.44	-7.68	-7.55	-7.28	-7.28	-1.50	4.94	5.00
6625MHz	Pass	6.79	-8.06	-8.00	-7.48	-7.54	-1.85	4.94	5.00
6705MHz	Pass	6.79	-8.19	-8.10	-7.42	-7.81	-1.95	4.84	5.00
6785MHz	Pass	6.79	-8.31	-8.26	-7.06	-7.84	-1.86	4.93	5.00
6865MHz	Pass	6.79	-8.18	-8.33	-7.37	-7.94	-1.99	4.80	5.00
6945MHz	Pass	5.87	-7.00	-6.70	-6.81	-6.84	-0.90	4.97	5.00
7025MHz	Pass	5.87	-6.91	-7.01	-6.65	-6.89	-0.91	4.96	5.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	6.77	-6.98	-8.45	-8.27	-7.68	-1.82	4.95	5.00
6185MHz	Pass	6.77	-7.62	-7.70	-7.63	-7.67	-1.84	4.93	5.00
6345MHz	Pass	6.77	-7.79	-7.35	-7.77	-8.00	-1.87	4.90	5.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6505MHz	Pass	6.44	-7.53	-7.34	-7.43	-7.19	-1.48	4.96	5.00
6665MHz	Pass	6.79	-8.24	-7.73	-7.45	-7.71	-1.88	4.91	5.00
6825MHz	Pass	6.79	-8.16	-7.78	-7.51	-7.69	-1.86	4.93	5.00
6985MHz	Pass	5.87	-7.08	-6.80	-6.87	-6.93	-0.97	4.90	5.00
802.11be EHT320-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6105MHz	Pass	6.77	-7.59	-7.69	-7.97	-8.07	-1.89	4.88	5.00
6265MHz	Pass	6.77	-7.53	-7.77	-7.49	-7.85	-1.88	4.89	5.00
6425MHz	Pass	6.77	-7.96	-7.28	-7.84	-7.89	-1.83	4.94	5.00
6585MHz	Pass	6.44	-7.68	-7.25	-7.55	-7.44	-1.52	4.92	5.00
6745MHz	Pass	6.79	-8.19	-7.90	-7.51	-7.96	-1.98	4.81	5.00
6905MHz	Pass	6.79	-7.95	-7.93	-7.91	-7.83	-2.00	4.79	5.00
802.11be EHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	4.66	-5.44	-5.89	-5.64	-5.68	0.31	4.97	5.00
6195MHz	Pass	4.66	-5.96	-5.73	-5.29	-6.21	0.16	4.82	5.00
6415MHz	Pass	4.66	-5.48	-5.87	-6.00	-6.03	0.13	4.79	5.00
6435MHz	Pass	4.78	-5.44	-6.06	-6.13	-5.59	0.16	4.94	5.00
6475MHz	Pass	4.78	-6.14	-5.83	-6.12	-5.80	-0.02	4.76	5.00
6515MHz	Pass	4.78	-5.72	-5.79	-5.74	-5.75	0.20	4.98	5.00
6535MHz	Pass	4.74	-5.86	-5.64	-5.95	-5.86	0.12	4.86	5.00
6695MHz	Pass	4.74	-5.80	-5.82	-5.48	-5.75	0.24	4.98	5.00
6875MHz	Pass	4.74	-6.06	-5.75	-5.23	-5.90	0.23	4.97	5.00
6895MHz	Pass	4.32	-5.95	-5.40	-4.76	-5.30	0.64	4.96	5.00
6995MHz	Pass	4.32	-5.80	-5.30	-5.13	-5.03	0.64	4.96	5.00
7095MHz	Pass	4.32	-5.94	-5.29	-5.35	-5.25	0.54	4.86	5.00
802.11be EHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	4.66	-5.75	-5.75	-5.82	-5.58	0.22	4.88	5.00
6205MHz	Pass	4.66	-5.77	-5.69	-5.38	-5.68	0.31	4.97	5.00
6405MHz	Pass	4.66	-5.61	-5.79	-5.61	-5.85	0.26	4.92	5.00
6445MHz	Pass	4.78	-5.97	-5.78	-5.82	-5.59	0.18	4.96	5.00
6485MHz	Pass	4.78	-5.70	-6.08	-5.75	-5.61	0.20	4.98	5.00
6525MHz	Pass	4.78	-6.04	-5.67	-5.84	-5.61	0.15	4.93	5.00
6565MHz	Pass	4.74	-6.01	-5.68	-5.65	-5.56	0.24	4.98	5.00
6685MHz	Pass	4.74	-5.98	-5.88	-5.42	-5.67	0.21	4.95	5.00
6885MHz	Pass	4.74	-5.94	-5.94	-5.41	-5.69	0.22	4.96	5.00
6925MHz	Pass	4.32	-5.51	-5.24	-5.27	-5.53	0.54	4.86	5.00
7005MHz	Pass	4.32	-5.43	-5.39	-5.31	-5.48	0.61	4.93	5.00
7085MHz	Pass	4.32	-5.86	-5.47	-5.00	-5.02	0.64	4.96	5.00
802.11be EHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	4.66	-5.99	-5.79	-6.08	-5.42	0.16	4.82	5.00
6225MHz	Pass	4.66	-6.05	-5.50	-5.57	-5.71	0.23	4.89	5.00
6385MHz	Pass	4.66	-5.75	-5.72	-5.79	-5.68	0.24	4.90	5.00
6465MHz	Pass	4.78	-5.83	-5.95	-5.89	-5.60	0.15	4.93	5.00
6545MHz	Pass	4.78	-5.99	-5.96	-5.91	-5.72	0.03	4.81	5.00
6625MHz	Pass	4.74	-6.05	-5.81	-5.37	-5.65	0.23	4.97	5.00
6705MHz	Pass	4.74	-6.11	-6.03	-5.62	-5.98	0.04	4.78	5.00
6785MHz	Pass	4.74	-6.03	-5.94	-5.44	-5.68	0.21	4.95	5.00
6865MHz	Pass	4.74	-6.14	-6.19	-5.45	-5.78	0.08	4.82	5.00
6945MHz	Pass	4.32	-5.54	-5.12	-5.56	-5.52	0.54	4.86	5.00
7025MHz	Pass	4.32	-5.83	-5.22	-5.25	-5.65	0.50	4.82	5.00
802.11be EHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	4.66	-4.89	-6.40	-6.32	-6.20	0.11	4.77	5.00
6185MHz	Pass	4.66	-5.80	-5.67	-5.66	-5.42	0.18	4.84	5.00
6345MHz	Pass	4.66	-5.86	-5.66	-5.77	-5.99	0.13	4.79	5.00
6505MHz	Pass	4.78	-6.06	-5.69	-5.83	-5.90	0.06	4.84	5.00
6665MHz	Pass	4.74	-6.09	-5.71	-5.48	-5.74	0.16	4.90	5.00
6825MHz	Pass	4.74	-5.99	-5.96	-5.41	-5.73	0.15	4.89	5.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6985MHz	Pass	4.32	-5.33	-5.39	-5.35	-5.43	0.58	4.90	5.00
802.11be EHT320-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6105MHz	Pass	4.66	-5.42	-5.81	-5.81	-5.83	0.23	4.89	5.00
6265MHz	Pass	4.66	-5.38	-5.83	-5.65	-5.50	0.21	4.87	5.00
6425MHz	Pass	4.66	-5.72	-5.45	-5.80	-5.79	0.23	4.89	5.00
6585MHz	Pass	4.78	-6.13	-5.73	-5.82	-5.60	0.15	4.93	5.00
6745MHz	Pass	4.74	-6.22	-5.77	-5.33	-5.76	0.19	4.93	5.00
6905MHz	Pass	4.74	-6.00	-5.78	-5.65	-6.04	0.04	4.78	5.00

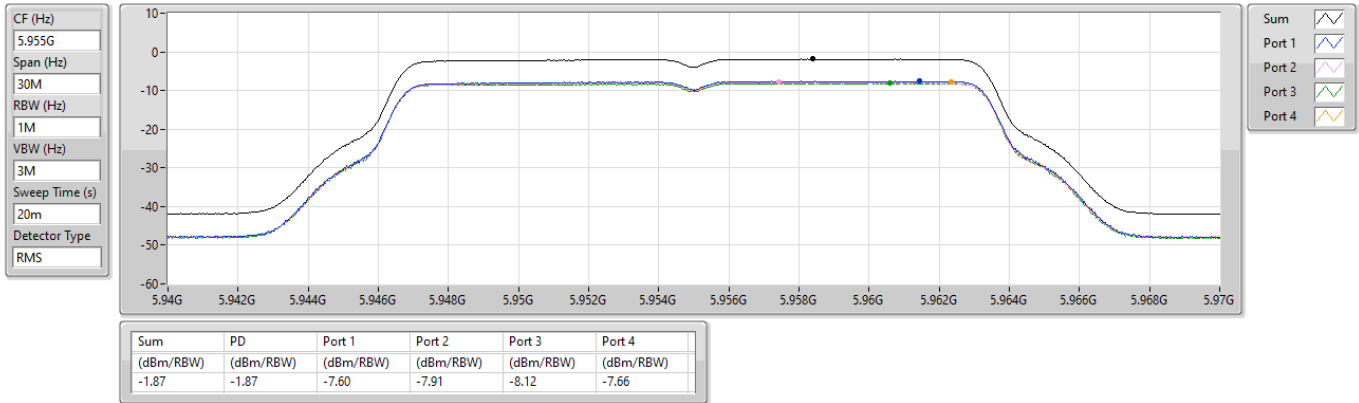
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5955MHz

16/02/2025

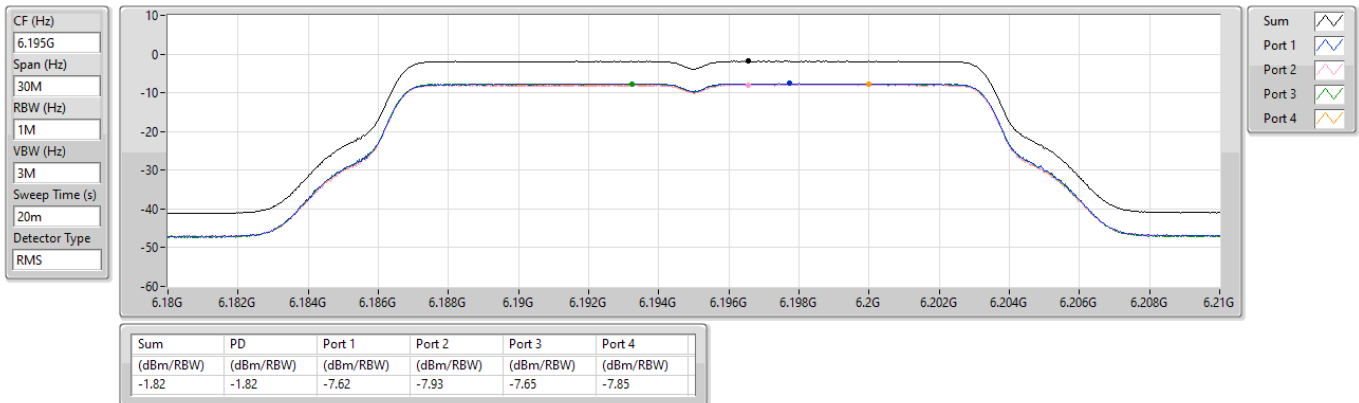


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6195MHz

15/02/2025

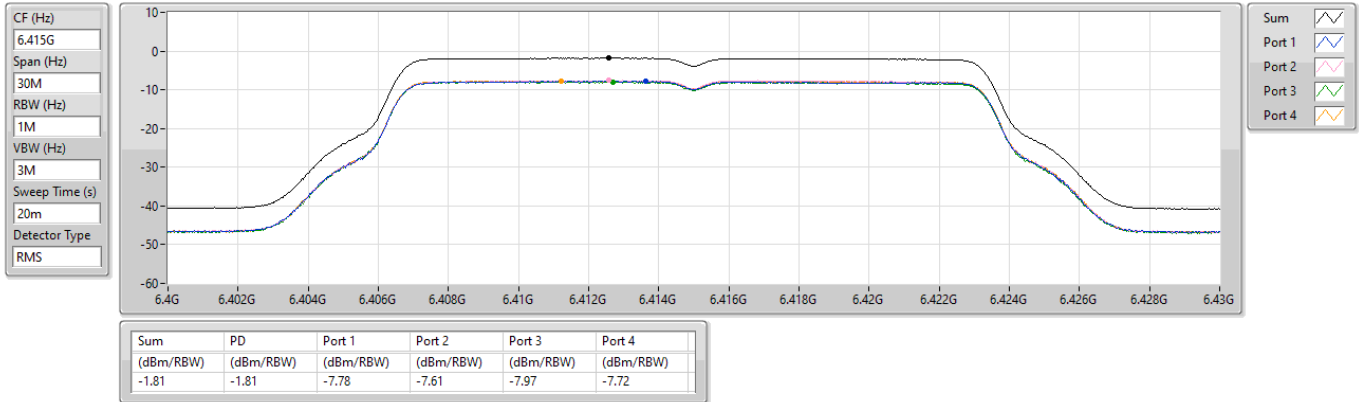


5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6415MHz

16/02/2025

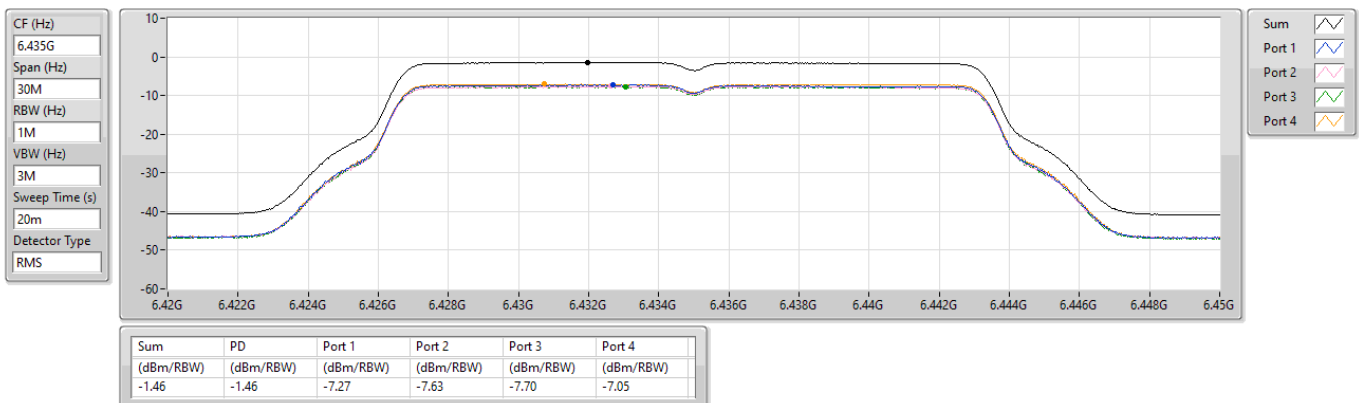


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6435MHz

16/02/2025

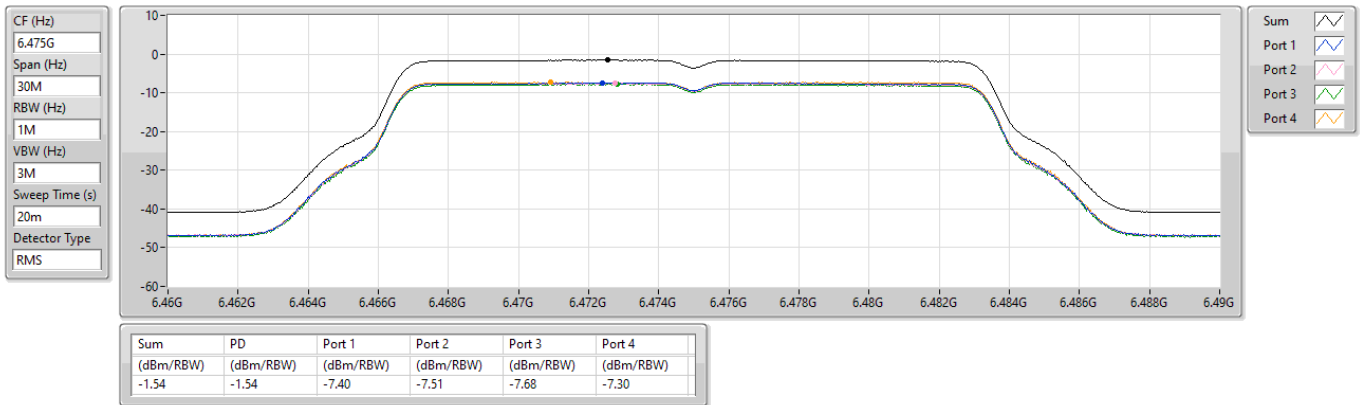


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6475MHz

16/02/2025

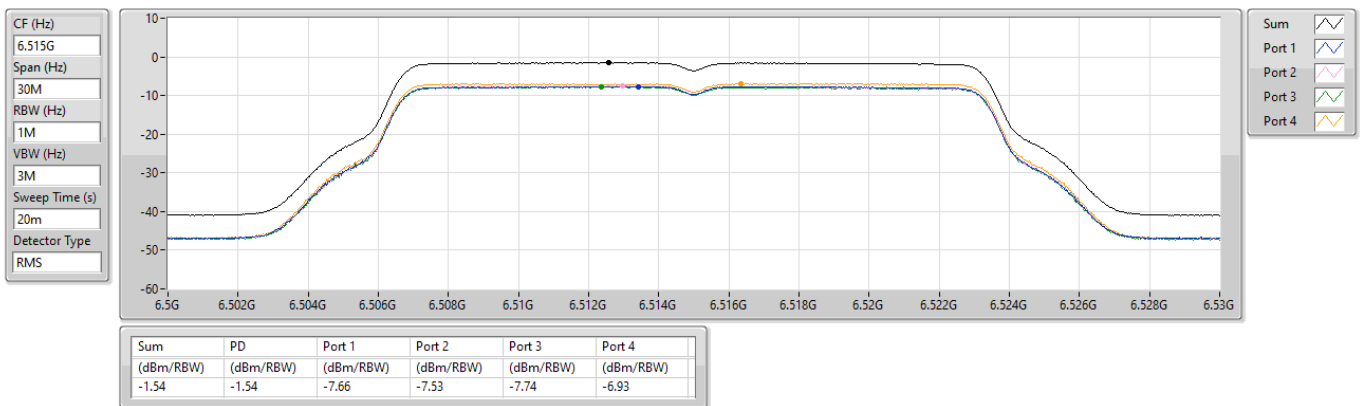


6.425-6.525GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6515MHz

16/02/2025



6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6535MHz

16/02/2025

CF (Hz)
6.535G

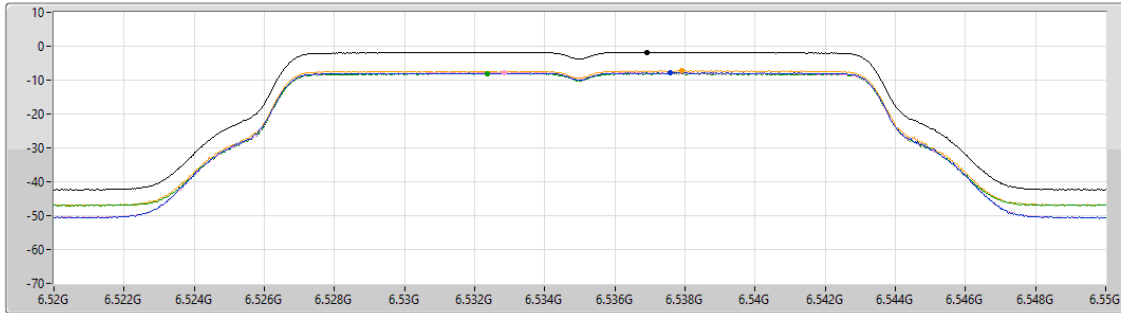
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.81	-1.81	-7.88	-7.75	-8.03	-7.25

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6695MHz

16/02/2025

CF (Hz)
6.695G

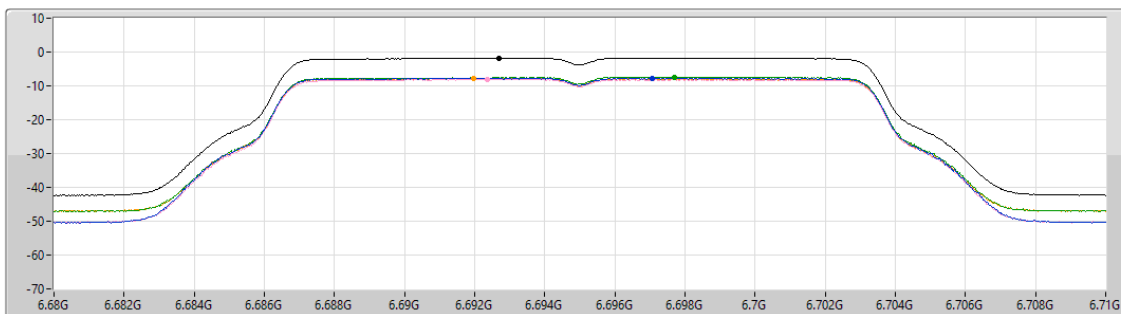
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

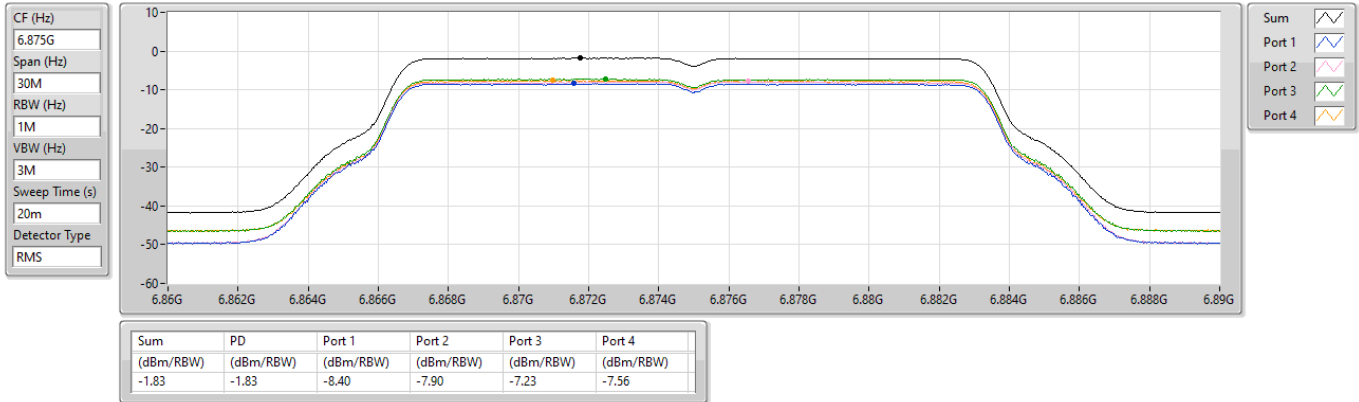
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.81	-1.81	-7.76	-8.02	-7.35	-7.75

6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6875MHz

16/02/2025



6.875-7.125GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

6895MHz

16/02/2025

