



RADIO TEST REPORT

FCC ID : QXO-AP3060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP3060
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina United States 27560
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 27, 2026, and testing was started from May 05, 2026 and completed on Jul. 21, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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



Summary of Test Result

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

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: Vicky Huang**

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX
	802.11 be EHT320	320	1, 2TX
	802.11 be EHT320-BF	320	2TX



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

MRU (puncturing)
For Multi_RU/Puncturing:

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

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

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

Note:

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

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

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

1.1.3 Antenna Information

Ant.	RF Port					Brand Name	Model Name	Ant. Type	Connector	Modes of Operation	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth and IEEE 802.15.4	GPS						
1	1	1	1	-	-	WNC	95XPAM15.GAI	Dipole	I-PEX	WLAN 2.4GHz, WLAN 5GHz UNII 1~2A, WLAN 6GHz UNII 5~8 (Radio 1) WLAN 5GHz UNII 2C~3 or UNII 1~3 (Radio 2) Bluetooth, IEEE 802.15.4 (Radio 3) GPS (Radio 4)	Note 1
2	2	2	2	-	-	WNC	95XPAM15.GAJ	PIFA	I-PEX		
3	-	1	-	1	-	WNC	95XPAM15.GAG	PIFA	I-PEX		
4	-	2	-	1	-	WNC	95XPAM15.GAH	Dipole	I-PEX		
5	-	-	-	1	-	WNC	95XPAM15.GAL	PIFA	I-PEX		
6	-	-	-	-	1	WNC	95XPAM15.GAK	PIFA	I-PEX		

Note 1:

Ant.	Antenna Gain (dBi)						
	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~2A (Radio 1)		WLAN 6GHz UNII 5~8 (Radio 1)			
		2.45GHz	5.2GHz	5.3GHz	6.175GHz	6.475GHz	6.695GHz
1	6.98	5.87	4.98	5.23	5.52	5.33	5.50
2	3.54	3.52	3.51	4.99	3.94	4.00	4.34
Ant.	WLAN 5GHz UNII 1~3 (Radio 2)				Bluetooth, IEEE 802.15.4 (Radio 3)		
	5.2GHz	5.3GHz	5.6GHz	5.785GHz			
3	5.67	5.15	5.66	4.32	5.10		
4	5.18	5.04	4.77	4.66	6.20		
Ant.	Bluetooth, IEEE 802.15.4 (Radio 3)						
5	4.60						
Ant.	GPS (Radio 4)						
6	3.00						



Directional Gain (dBi)							
Item	WLAN 2.4GHz (Radio 1)	WLAN 5GHz UNII 1~2A (Radio 1)		WLAN 6GHz UNII 5~8 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.98	5.91	5.14	5.40	5.99	5.89	6.58
2T2S	6.98	5.87	4.98	5.23	5.52	5.33	5.50
Item	WLAN 5GHz UNII 1~3 (Radio 2)						
	5.2GHz	5.3GHz		5.6GHz	5.785GHz		
2T1S	5.67	5.15		5.88	5.16		
2T2S	5.67	5.15		5.66	4.66		

Note 2: The above information (excepting Ant. 1-4 (WLAN) antenna gain and directional gain) was declared by Manufacturer.

Note 3: States antenna 6GHz transmission will be restricted per country's regulation.

For Radio 1:

2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

5GHz IEEE 802.11a/n/ac/ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

6GHz IEEE 802.11ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

5GHz IEEE 802.11a/n/ac/ax/be mode (1, 2TX/2RX)

The EUT can support both 1TX and 2TX functions.

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3:

Bluetooth, IEEE 802.15.4 mode (1TX/1RX)

The EUT supports all antennas with TX/RX diversity functions.

At once time there is only one antenna port can transmitting/receiving RF signal

For Radio 4:

GPS (1RX)

Only Port 1 can be used as receiving antenna.



1.1.4 Mode Test Duty Cycle

For Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_1TX	0.978	0.1	1.496m	1k
802.11be EHT20_Nss1,(MCS0)_2TX	0.978	0.1	1.496m	1k
802.11be EHT20_Nss2,(MCS0)_2TX	0.957	0.19	788.125u	2k
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.978	0.1	1.496m	1k
802.11be EHT40_Nss1,(MCS0)_1TX	0.957	0.19	780.625u	2k
802.11be EHT40_Nss1,(MCS0)_2TX	0.959	0.18	780.625u	2k
802.11be EHT40_Nss2,(MCS0)_2TX	0.927	0.33	430.625u	3k
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.959	0.18	780.625u	2k
802.11be EHT80_Nss1,(MCS0)_1TX	0.924	0.34	410u	3k
802.11be EHT80_Nss1,(MCS0)_2TX	0.924	0.34	410u	3k
802.11be EHT80_Nss2,(MCS0)_2TX	0.881	0.55	248.125u	5k
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.924	0.34	410u	3k
802.11be EHT160_Nss1,(MCS0)_1TX	0.877	0.57	240.625u	5k
802.11be EHT160_Nss1,(MCS0)_2TX	0.878	0.57	241.25u	5k
802.11be EHT160_Nss2,(MCS0)_2TX	0.828	0.82	162.5u	10k
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.877	0.57	241.25u	5k
802.11be EHT320_Nss1,(MCS0)_1TX	0.826	0.83	159.375u	10k
802.11be EHT320_Nss1,(MCS0)_2TX	0.827	0.82	159.375u	10k
802.11be EHT320_Nss2,(MCS0)_2TX	0.898	0.47	298.75u	5k
802.11be EHT320-BF_Nss1,(MCS0)_2TX	0.826	0.83	159.375u	10k

For Multi_RU/Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.939	0.27	543.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.887	0.52	267.5u	5k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.898	0.47	298.594u	5k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.832	0.8	168.281u	10k
802.11be EHT320_Nss 1,(M0),3xRU996	0.844	0.74	185.938u	10k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.864	0.63	209.063u	5k

Note:

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



1.1.5 EUT Operational Condition

EUT Power Type	From PoE	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	The product has beamforming function for Radio 1 (n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz) and Radio 2 (n/ac/ax/be in 5GHz).	
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	
	☐ Unsupported	
	Note: The EUT doesn't support puncturing for CBP	
Support RU	☒ Full RU	☒ Partial RU
Test Software Version	Mtool_3.3.0.9	

Note: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Function Radio (R)	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4	GPS
1	V	V (UNII 1~2A)	V	-	-	-
2	-	V (UNII 1~3 or UNII 2C~3)	-	-	-	-
3	-	-	-	V	V	-
4	-	-	-	-	-	V

Note 1: For WLAN 5GHz: The Radio1 and Radio 2 can't operate at the same frequency simultaneously

Note 2: The above information was declared by manufacturer.

**1.1.7 Table for EUT Support Function**

Type of Function	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz
		Radio 1	Radio 2	
AP	V	V (UNII 1~2A)	V (UNII 1~3)	V
Bridge	V	V (UNII 1)	V (UNII 1, 3)	-
Mesh	V	V (UNII 1)	V (UNII 1, 3)	-

Note1: For above table list, only AP mode was tested and recorded in this test.

Note2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01
- ♦ FCC KDB 987594 D02 v03

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

- ♦ 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	TH03-CB	Gino Huang	22.3~23.1 / 61~65	May 27, 2026~ Jun. 29, 2026
Radiated below 1GHz	10CH01-CB	Stim Sung	21~22 / 61~62	Jul. 14, 2026
Radiated above 1GHz (Test Mode: Mode 1)	03CH02-CB	Paul Hu	24.2~24.8 / 63~64	May 05, 2026~ Jul. 21, 2026
	03CH05-CB	Lex Lee	24.7~24.9 / 66~69	
Radiated above 1GHz (Test Mode: Mode 2)	03CH01-CB	Sean Ku	23.7~24.8 / 60~61	
	03CH04-CB	Stim Sung	24.4~24.5 / 67~69	
	03CH05-CB	Lex Lee	23.8~24.4 / 56~62	
AC Conduction (Test Mode: Mode 1~5)	CO01-CB	Ryan Huang	21~22 / 56~57	Jun. 03, 2026
AC Conduction (Test Mode: Mode 6)	CO01-CB	Allen Chung	23~24 / 58~59	Jul. 04, 2026



1.4 Measurement Uncertainty

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

Test Date: Before Jul. 01, 2026

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%

Test Date: After Jun. 30, 2026

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%

Test Date: Before May 28, 2026

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%

Test Date: After May 27, 2026

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



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU

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



6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss2,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz



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

For Multi_RU/Puncturing

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 1_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 3_2TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 11_2TX
6105MHz

Note:

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT_R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (BT_Ant. 5)+R4 (GPS)+Bracket 1+PoE
2	EUT_R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (BT_Ant. 4)+R4 (GPS)+Bracket 1+PoE
3	EUT_R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (BT_Ant. 3)+R4 (GPS)+Bracket 1+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT_R1 (6GHz)+R2 (5GHz UNII 1~3)+R3 (BT_Ant. 5)+R4 (GPS)+Bracket 1+PoE
5	EUT_R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (BT_Ant. 5)+R4 (GPS)+Bracket 1+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT_R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (802.15.4_Ant. 5)+R4 (GPS)+Bracket 1+PoE
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.) Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT_R1_Indoor-Full RU
2	EUT_R1_outdoor-Full RU
3	EUT_R1-Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT_R1_Indoor
2	EUT_R1_outdoor

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	1. After evaluating, and the worst case was found as below for radiated above 1GHz test. So the measurement will follow this same test configuration. 2. The EUT supports all antennas with TX/RX diversity functions. At once time there is only one antenna port can transmitting/receiving RF signal. The Ant. 4 generated the worst case, so it was selected for testing.
1	EUT in Y axis_R1 (2.4GHz)+Bracket 1+PoE
2	EUT in Y axis_R1 (2.4GHz)+Bracket 2+PoE
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~7 will follow this same test mode.	
3	EUT in Y axis_R1 (5GHz UNII 1~2A)+Bracket 1+PoE
4	EUT in Y axis_R1 (6GHz)+Bracket 1+PoE
5	EUT in Z axis_R2 (5GHz UNII 1~3)+Bracket 1+PoE
6	EUT in Y axis_R3+Ant. 4 (BT)+Bracket 1+PoE
7	EUT in Y axis_R3+Ant. 4 (802.15.4)+Bracket 1+PoE
For operating mode 5 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case was found as below, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis for bandedge / EUT in Z axis for harmonic_R1-Full RU
2	EUT in Y axis for bandedge / EUT in Z axis for harmonic_R1-Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1 (2.4GHz) + R2 (5GHz UNII 1~3) + R3 (BT)
2	R1 (6GHz) + R2 (5GHz UNII 1~3) + R3 (BT)
3	R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (BT)
4	R1 (2.4GHz) + R2 (5GHz UNII 1~3) + R3 (802.15.4)
5	R1 (6GHz) + R2 (5GHz UNII 1~3) + R3 (802.15.4)
6	R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (802.15.4)
Refer to Sporton Test Report No.: FA631803 for Co-location RF Exposure Evaluation.	



Note1: R means Radio ; BT means Bluetooth.

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

Power	Brand Name	Model Name
PoE 1	Microsemi	PD-9501-10GC/AC
PoE 2	PHIHONG	POE60U-BTA

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket 1*1
Bracket 2*1
Sealing Collar 1*1
Sealing Collar 2*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 2	PHIHONG	POE60U-BTA	N/A
B	ETH0 PC	ASUS	S300TA	TX2-RTL8821CE
C	R1(2.4G) NB	Lenovo	X260	N/A
D	R2(5G full) NB	Lenovo	X260	N/A
E	Smart phone	Apple	A2403	BCG-E3544A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A

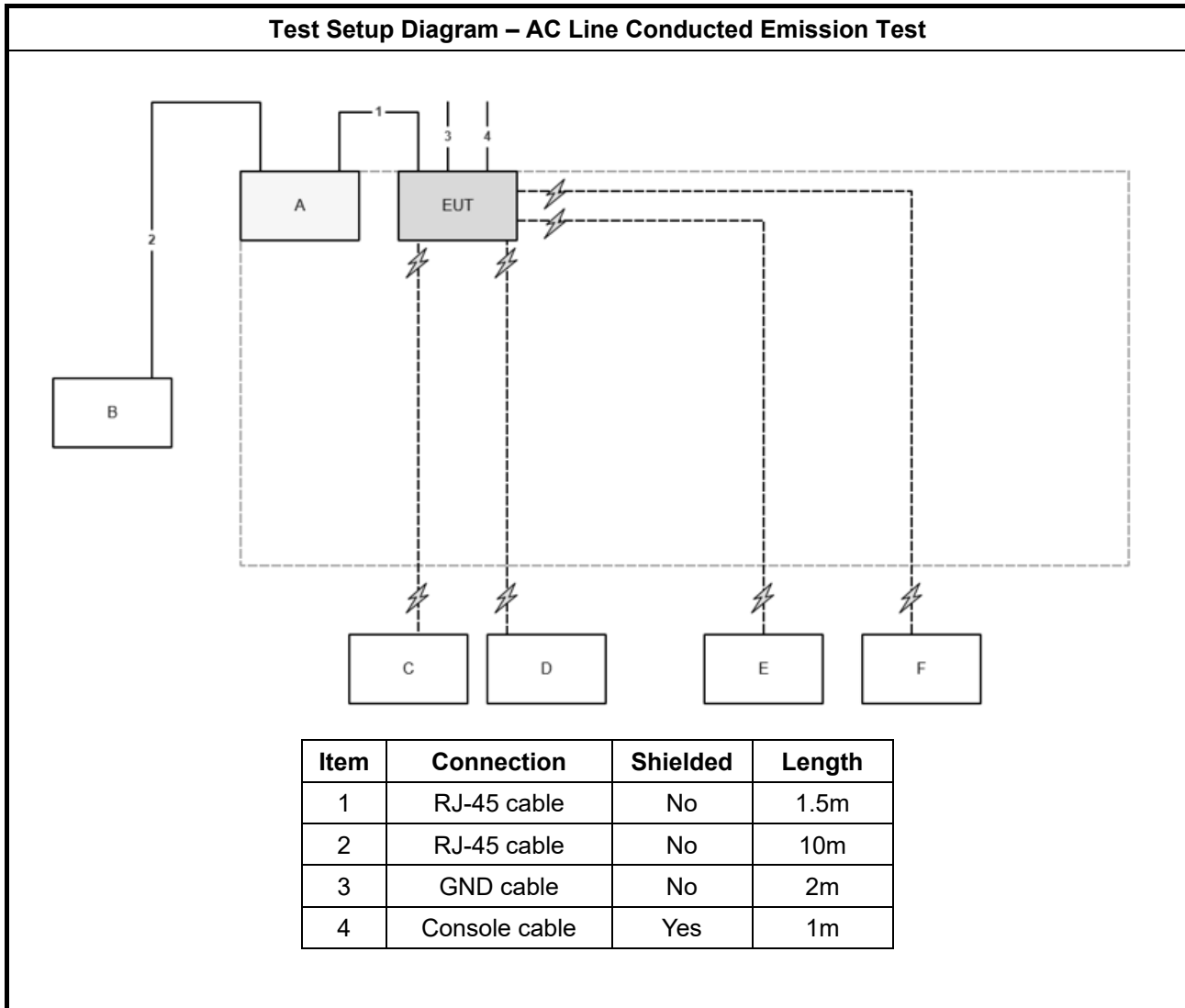
For Radiated (below 1GHz):

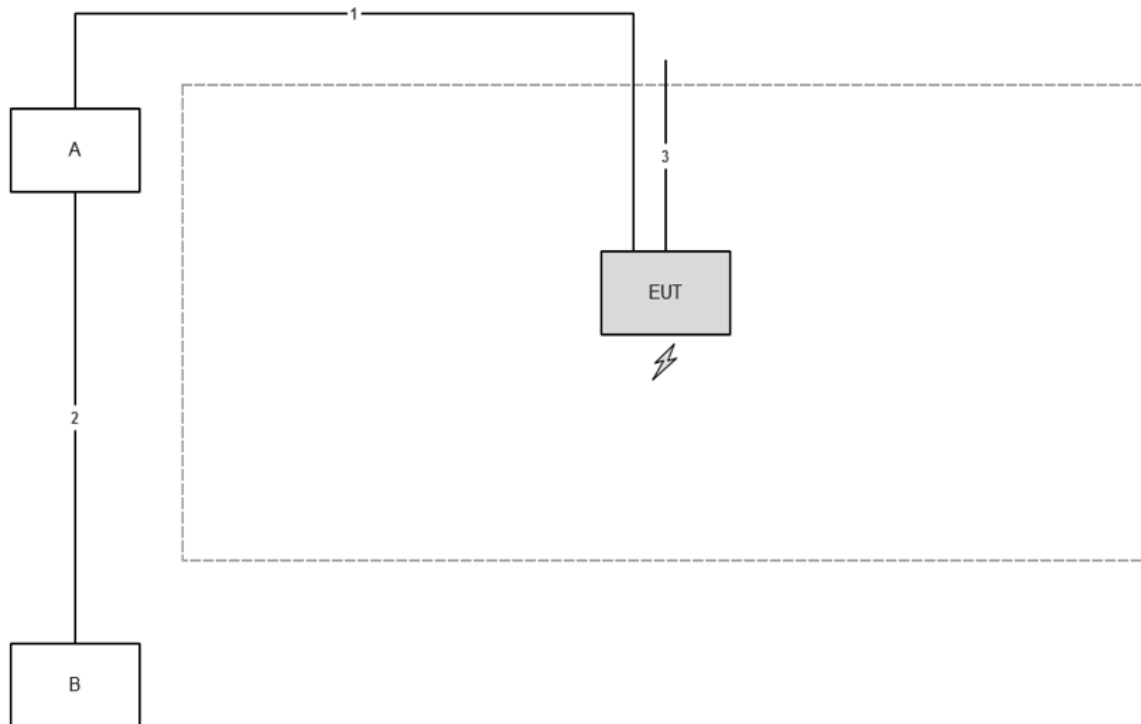
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 2	PHIHONG	POE60U-BTA	N/A
B	PC	ASUS	S300TA	TX2-RTL8821CE

**For Radiated (above 1GHz) and RF Conducted:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 1	Microsemi	PD-9501-10GC/AC	N/A

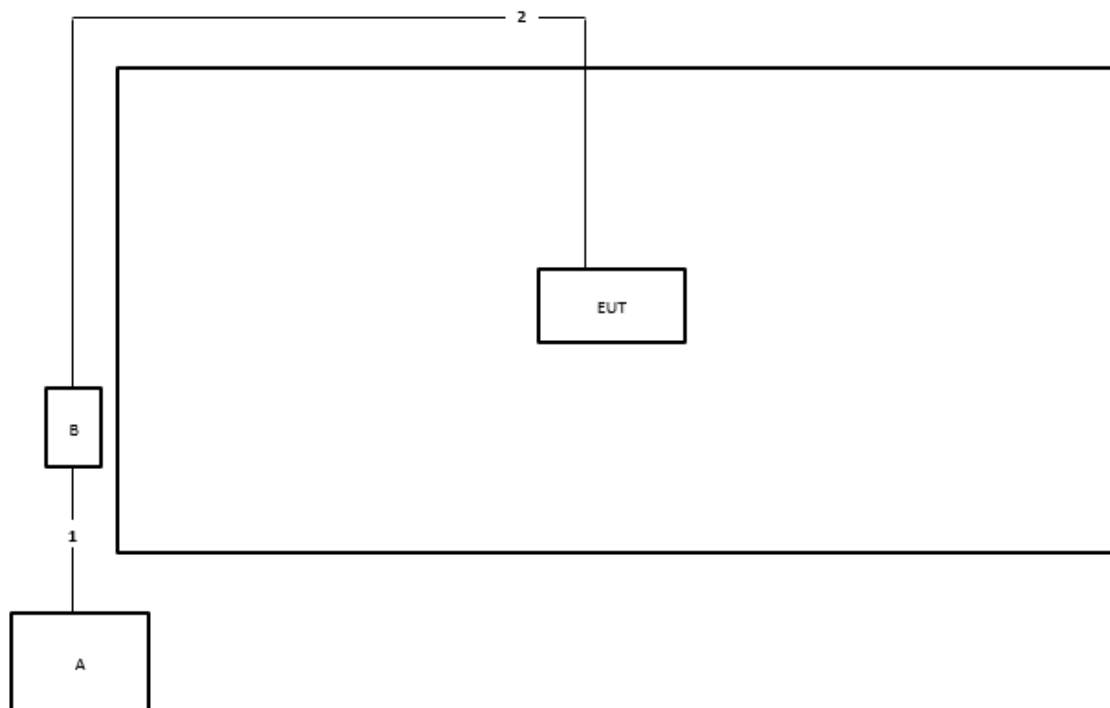
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

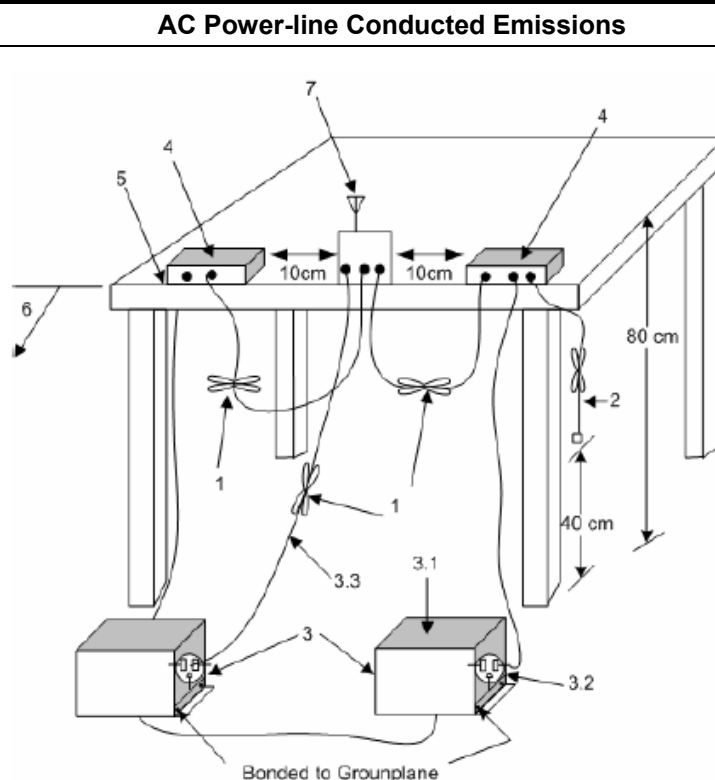
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



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

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

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

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

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

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

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

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

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

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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading (dBUV) = LISN Factor + Cable Loss + Read Level = Level

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
☐	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☒	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☐	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.
RLAN Devices	
☐	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
☐	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☐	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☐	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.

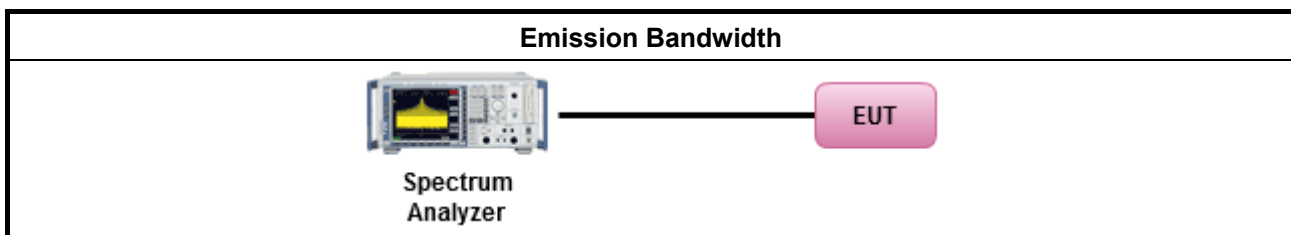
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
☒	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

Note:

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



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

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

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



- | |
|--|
| <ul style="list-style-type: none">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). |
| <ul style="list-style-type: none">For standard client devices < 30 dBm. |

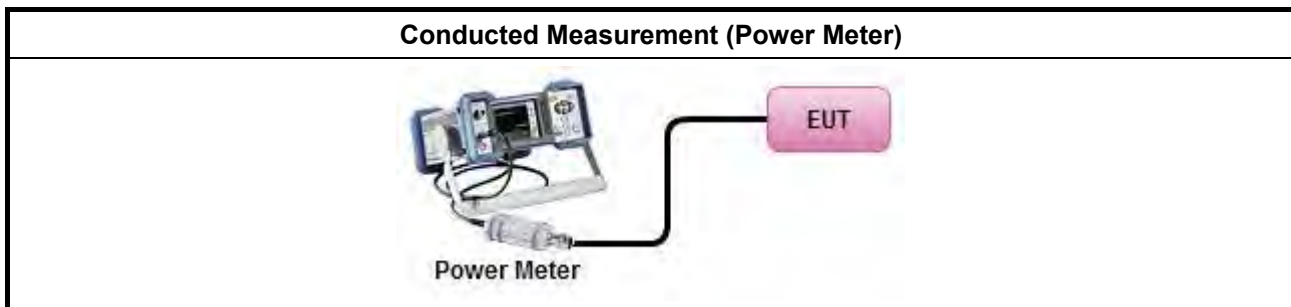
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



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

Refer as Appendix C

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

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

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

3.4.2 Measuring Instruments

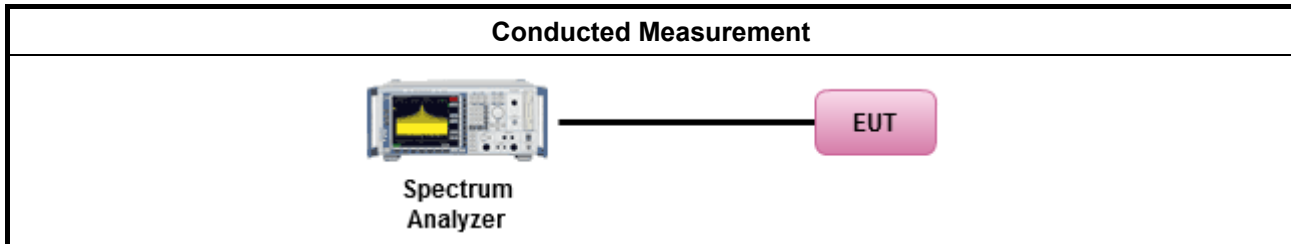
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

3.4.4 Test Setup



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

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

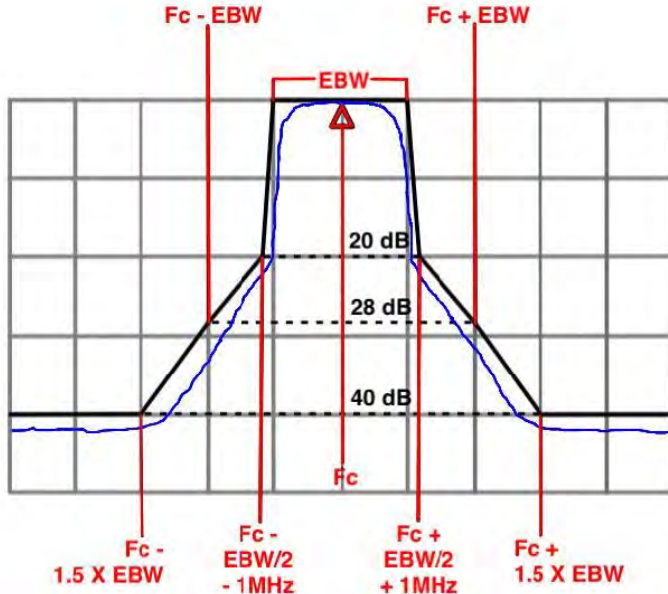
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

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

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

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

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

Frequency	Emission MASK Limit
5.925 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



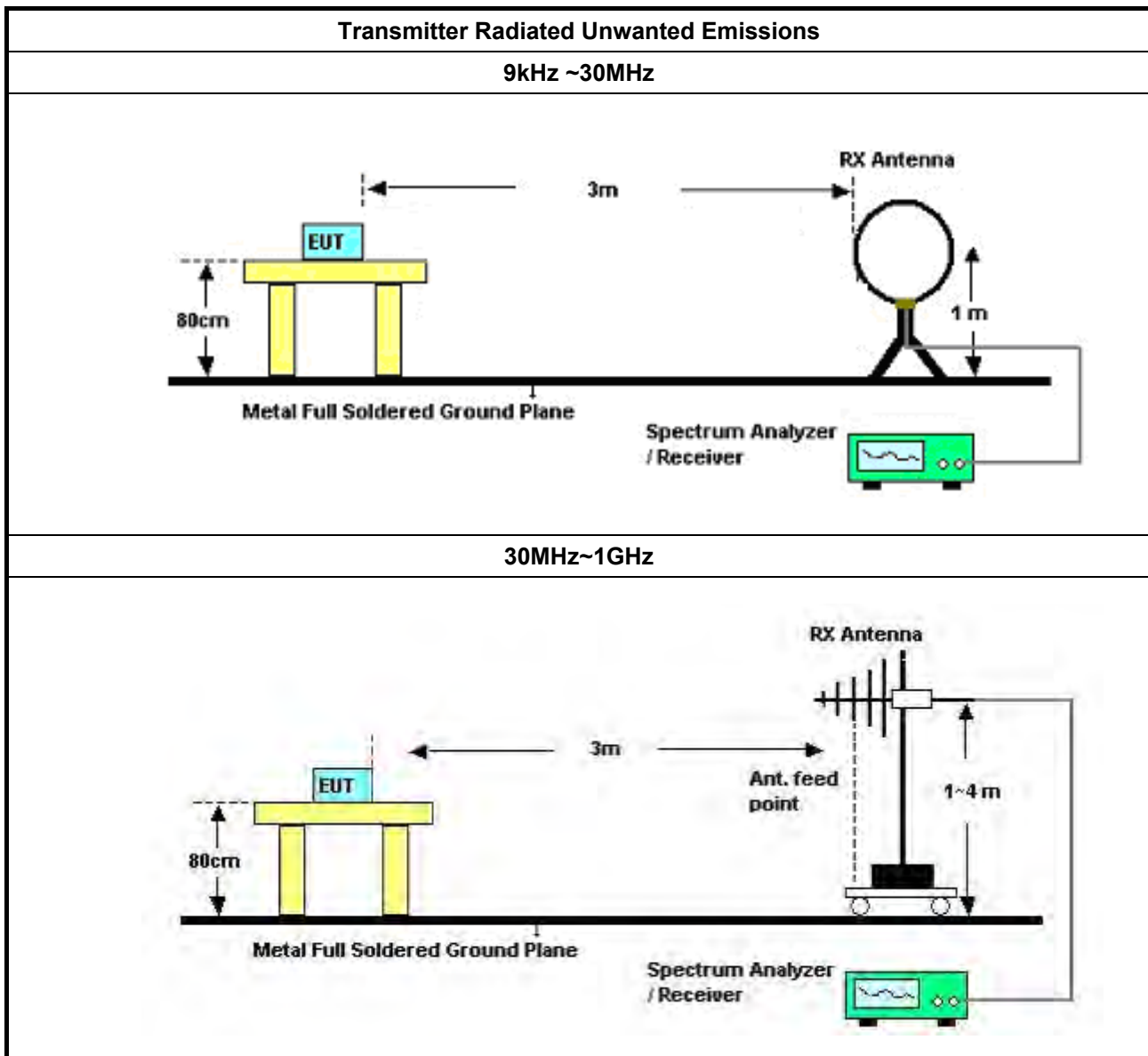
3.5.2 Measuring Instruments

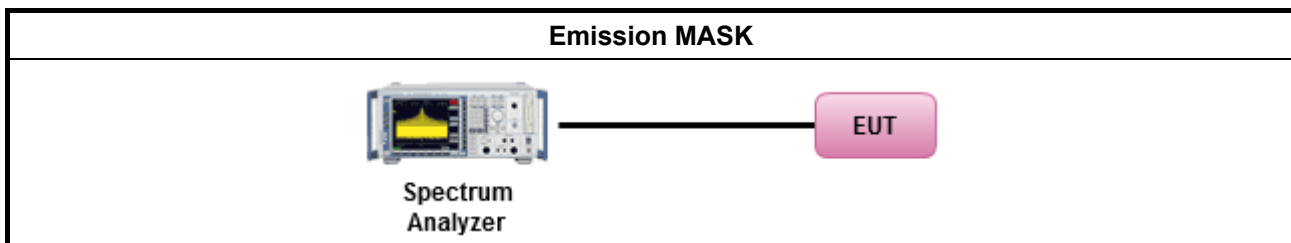
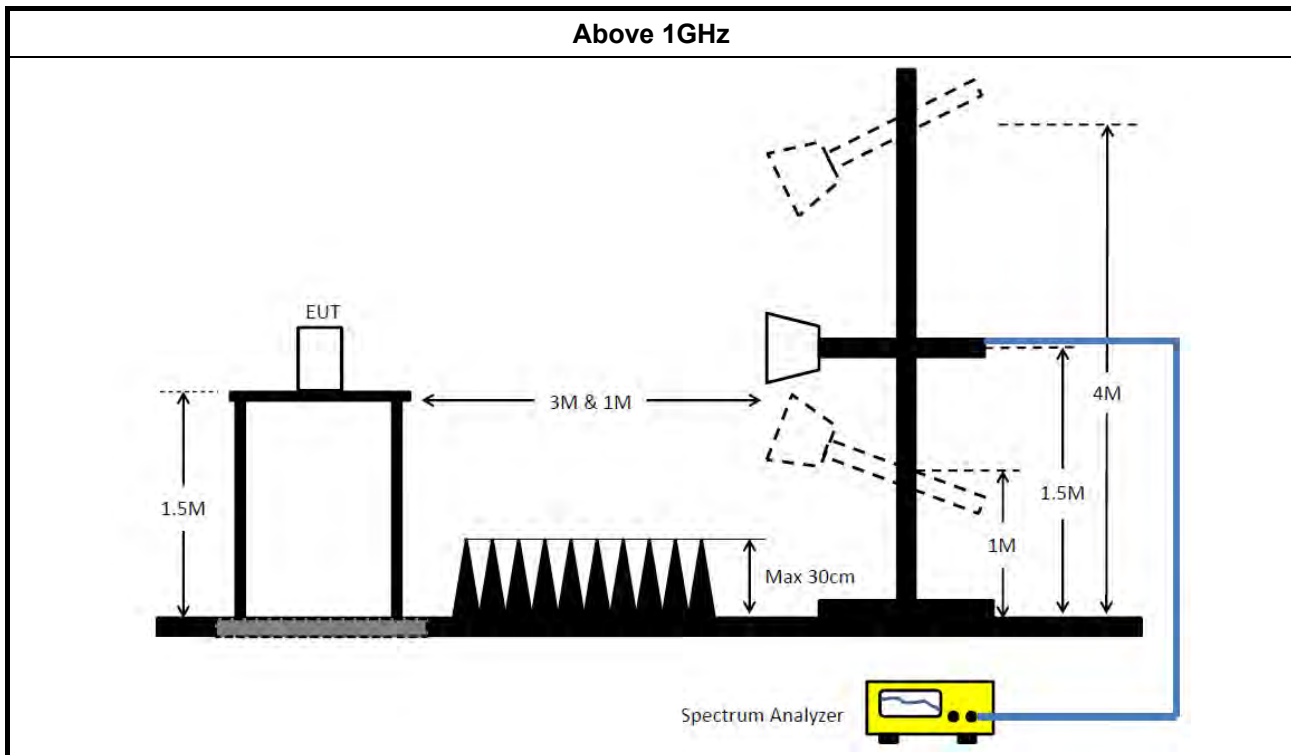
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 12, 2026	Mar. 11, 2027	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 04, 2026	Feb. 03, 2027	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 10, 2026	Apr. 09, 2027	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Biconical Antenna	Schwarzbeck	VHBB 9124	324	30MHz ~ 200MHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (10CH01-CB)
Log Antenna	Schwarzbeck	VUSLP 9111	247	200MHz ~ 1GHz	Sep. 30, 2025	Sep. 29, 2026	Radiation (10CH01-CB)
EMI Test Receiver	Rohde& Schwarz	ESR7	103076	9 kHz ~ 7GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (10CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (10CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 02, 2026	May 01, 2027	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 15, 2026	May 14, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Jan. 26, 2026	Jan. 25, 2027	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 20, 2025	Aug. 19, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170586	15GHz ~ 40GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Pre-Amplifier	EM	EM01G18GA	60844	1 ~ 18GHz	Mar. 10, 2026	Mar. 09, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH5265	20240911-1	1~ 26.5GHz	Sep. 18, 2025	Sep. 17, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May 08, 2026	May 07, 2027	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 14, 2026	Jan. 13, 2027	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



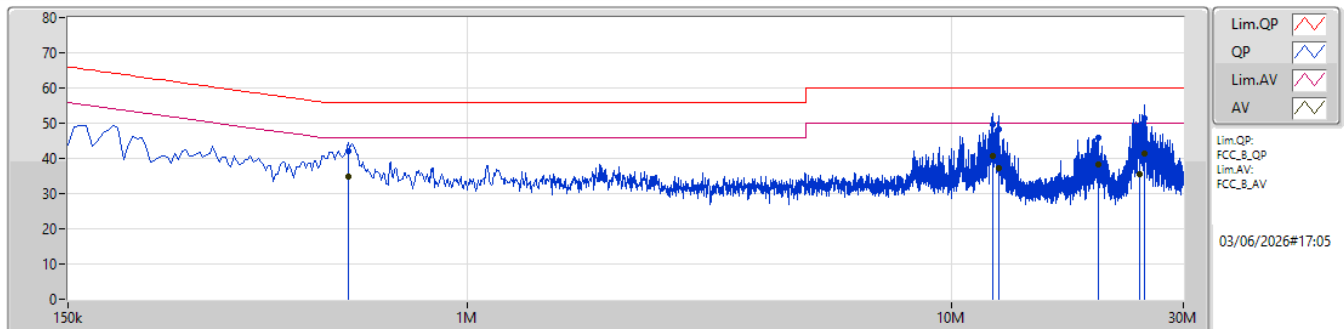
Conducted Emissions at Powerline

Appendix A

Summary

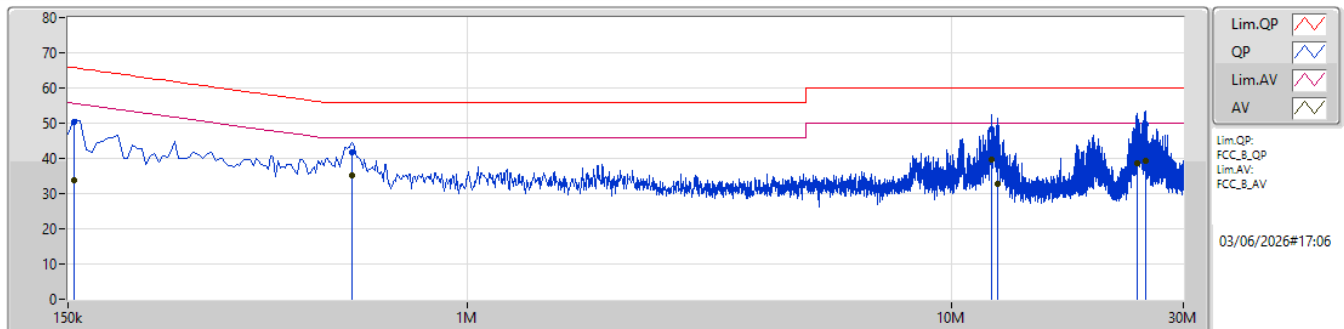
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	24.954M	41.55	50.00	-8.45	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	568.5k	42.03	56.00	-13.97	10.12	Line	-	31.91	0.09	0.13	9.90						
AV	568.5k	34.87	46.00	-11.13	10.12	Line	-	24.75	0.09	0.13	9.90						
QP	12.129M	49.64	60.00	-10.36	10.78	Line	-	38.86	0.25	0.31	10.22						
AV	12.129M	40.65	50.00	-9.35	10.78	Line	-	29.87	0.25	0.31	10.22						
QP	12.476M	48.21	60.00	-11.79	10.82	Line	-	37.39	0.26	0.32	10.24						
AV	12.476M	37.19	50.00	-12.81	10.82	Line	-	26.37	0.26	0.32	10.24						
QP	20.031M	45.83	60.00	-14.17	11.00	Line	-	34.83	0.29	0.34	10.37						
AV	20.031M	38.42	50.00	-11.58	11.00	Line	-	27.42	0.29	0.34	10.37						
QP	24.36M	45.75	60.00	-14.25	11.04	Line	-	34.71	0.31	0.42	10.31						
AV	24.36M	35.67	50.00	-14.33	11.04	Line	-	24.63	0.31	0.42	10.31						
QP	24.954M	51.24	60.00	-8.76	11.05	Line	-	40.19	0.32	0.43	10.30						
AV	24.954M	41.55	50.00	-8.45	11.05	Line	"Worst"	30.50	0.32	0.43	10.30						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	50.43	65.75	-15.32	10.01	Neutral	-	40.42	0.06	0.09	9.86						
AV	154.5k	33.76	55.75	-21.99	10.01	Neutral	-	23.75	0.06	0.09	9.86						
QP	577.5k	41.73	56.00	-14.27	10.09	Neutral	-	31.64	0.06	0.13	9.90						
AV	577.5k	35.17	46.00	-10.83	10.09	Neutral	-	25.08	0.06	0.13	9.90						
QP	12.08M	48.36	60.00	-11.64	10.75	Neutral	-	37.61	0.22	0.31	10.22						
AV	12.08M	39.52	50.00	-10.48	10.75	Neutral	"Worst"	28.77	0.22	0.31	10.22						
QP	12.431M	43.31	60.00	-16.69	10.78	Neutral	-	32.53	0.22	0.32	10.24						
AV	12.431M	32.81	50.00	-17.19	10.78	Neutral	-	22.03	0.22	0.32	10.24						
QP	24.158M	47.51	60.00	-12.49	11.04	Neutral	-	36.47	0.31	0.42	10.31						
AV	24.158M	38.68	50.00	-11.32	11.04	Neutral	-	27.64	0.31	0.42	10.31						
QP	25.053M	49.49	60.00	-10.51	11.05	Neutral	-	38.44	0.32	0.43	10.30						
AV	25.053M	39.25	50.00	-10.75	11.05	Neutral	-	28.20	0.32	0.43	10.30						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	53.24M	35.003M	35M0D1D	42.13M	20.171M
802.11be EHT20_Nss1,(MCS0)_2TX	53.46M	34.461M	34M5D1D	42.46M	19.396M
802.11be EHT20_Nss2,(MCS0)_2TX	54.45M	34.179M	34M2D1D	40.315M	19.381M
802.11be EHT40_Nss1,(MCS0)_1TX	105.49M	66.934M	66M9D1D	56.32M	37.941M
802.11be EHT40_Nss1,(MCS0)_2TX	104.5M	66.931M	66M9D1D	47.3M	37.889M
802.11be EHT40_Nss2,(MCS0)_2TX	104.28M	66.412M	66M4D1D	48.95M	37.955M
802.11be EHT80_Nss1,(MCS0)_1TX	208.78M	133.783M	134MD1D	99.66M	77.499M
802.11be EHT80_Nss1,(MCS0)_2TX	208.34M	132.808M	133MD1D	93.72M	77.354M
802.11be EHT80_Nss2,(MCS0)_2TX	214.28M	133.169M	133MD1D	89.54M	77.415M
802.11be EHT160_Nss1,(MCS0)_1TX	310.2M	158.265M	158MD1D	280.28M	157.413M
802.11be EHT160_Nss1,(MCS0)_2TX	313.72M	157.875M	158MD1D	216.04M	156.614M
802.11be EHT160_Nss2,(MCS0)_2TX	317.24M	158.344M	158MD1D	187M	156.27M
802.11be EHT320_Nss1,(MCS0)_1TX	532.4M	319.49M	319MD1D	514.8M	316.764M
802.11be EHT320_Nss1,(MCS0)_2TX	583.44M	319.705M	320MD1D	459.36M	316.058M
802.11be EHT320_Nss2,(MCS0)_2TX	617.76M	319.278M	319MD1D	515.68M	315.632M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	53.57M	33.478M	33M5D1D	43.395M	20.158M
802.11be EHT20_Nss1,(MCS0)_2TX	53.295M	32.824M	32M8D1D	41.14M	19.543M
802.11be EHT20_Nss2,(MCS0)_2TX	53.735M	32.804M	32M8D1D	33.11M	19.205M
802.11be EHT40_Nss1,(MCS0)_1TX	101.53M	60.421M	60M4D1D	98.01M	58.617M
802.11be EHT40_Nss1,(MCS0)_2TX	97.68M	60.965M	61M0D1D	90.31M	54.735M
802.11be EHT40_Nss2,(MCS0)_2TX	102.19M	61.663M	61M7D1D	92.18M	53.525M
802.11be EHT80_Nss1,(MCS0)_1TX	215.82M	135.216M	135MD1D	201.52M	121.274M
802.11be EHT80_Nss1,(MCS0)_2TX	222.2M	133.692M	134MD1D	194.26M	112.88M
802.11be EHT80_Nss2,(MCS0)_2TX	213.4M	134.257M	134MD1D	195.14M	114.045M
802.11be EHT160_Nss1,(MCS0)_1TX	301.4M	157.822M	158MD1D	301.4M	157.822M
802.11be EHT160_Nss1,(MCS0)_2TX	305.8M	158.324M	158MD1D	271.92M	157.932M
802.11be EHT160_Nss2,(MCS0)_2TX	297.44M	157.68M	158MD1D	291.28M	157.618M

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

Result

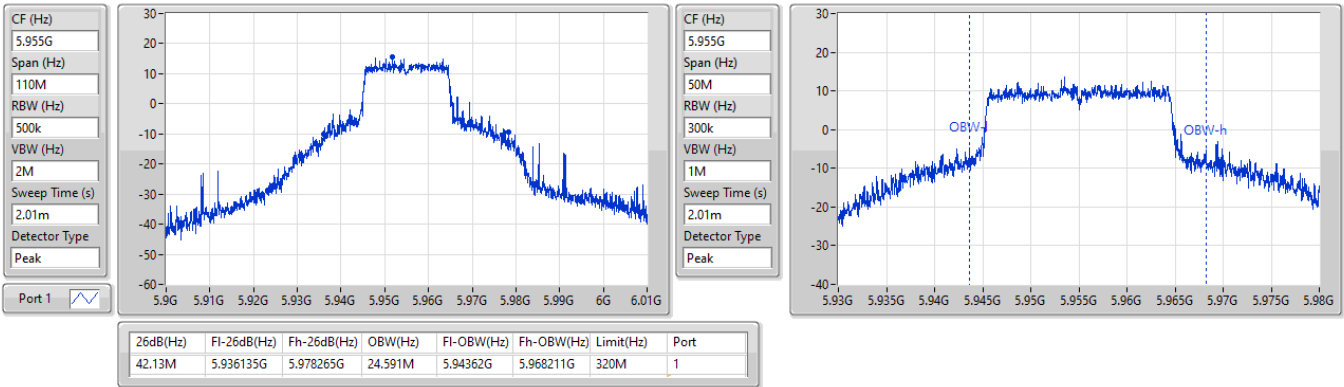
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	320M	42.13M	24.591M		
6195MHz	Pass	320M	53.24M	35.003M		
6415MHz	Pass	320M	43.89M	20.171M		
6535MHz	Pass	320M	43.395M	20.158M		
6695MHz	Pass	320M	53.57M	29.96M		
6855MHz	Pass	320M	53.075M	33.478M		
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5965MHz	Pass	320M	56.32M	37.941M		
6205MHz	Pass	320M	105.49M	66.934M		
6405MHz	Pass	320M	85.25M	39.609M		
6565MHz	Pass	320M	101.31M	60.421M		
6685MHz	Pass	320M	98.01M	58.617M		
6845MHz	Pass	320M	101.53M	60.144M		
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5985MHz	Pass	320M	99.66M	77.499M		
6225MHz	Pass	320M	208.78M	133.783M		
6385MHz	Pass	320M	185.02M	81.83M		
6625MHz	Pass	320M	201.52M	121.274M		
6705MHz	Pass	320M	215.82M	134.823M		
6785MHz	Pass	320M	209.88M	135.216M		
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6025MHz	Pass	320M	280.28M	157.413M		
6185MHz	Pass	320M	305.36M	158.265M		
6345MHz	Pass	320M	310.2M	157.769M		
6665MHz	Pass	320M	301.4M	157.822M		
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6105MHz	Pass	320M	514.8M	316.764M		
6265MHz	Pass	320M	532.4M	319.49M		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	43.725M	23.17M	47.905M	27.423M
6195MHz	Pass	320M	50.875M	34.461M	53.46M	33.675M
6415MHz	Pass	320M	45.21M	20.15M	42.46M	19.396M
6535MHz	Pass	320M	44.44M	19.543M	41.14M	19.983M
6695MHz	Pass	320M	51.48M	29.961M	52.085M	28.676M
6855MHz	Pass	320M	53.295M	32.824M	51.7M	30.734M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	47.3M	37.889M	53.68M	37.961M
6205MHz	Pass	320M	104.5M	66.931M	101.75M	64.614M
6405MHz	Pass	320M	80.63M	38.882M	65.89M	38.573M
6565MHz	Pass	320M	94.6M	58.116M	97.68M	55.044M
6685MHz	Pass	320M	90.42M	56.048M	90.31M	54.735M
6845MHz	Pass	320M	96.69M	60.965M	96.91M	58.832M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	93.72M	77.354M	103.84M	77.366M
6225MHz	Pass	320M	208.34M	132.808M	207.46M	125.34M
6385MHz	Pass	320M	182.16M	84.916M	181.06M	83.122M
6625MHz	Pass	320M	202.18M	118.353M	194.26M	112.88M
6705MHz	Pass	320M	222.2M	132.023M	210.54M	123.819M
6785MHz	Pass	320M	207.68M	133.692M	204.6M	123.531M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	282.48M	156.88M	216.04M	156.614M
6185MHz	Pass	320M	258.28M	157.875M	266.2M	157.329M
6345MHz	Pass	320M	300.52M	157.772M	313.72M	157.78M
6665MHz	Pass	320M	271.92M	158.324M	305.8M	157.932M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	459.36M	316.202M	527.12M	316.058M
6265MHz	Pass	320M	583.44M	319.705M	572.88M	319.53M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	42.185M	23.277M	44.385M	27.627M
6195MHz	Pass	320M	53.515M	34.179M	54.45M	33.87M
6415MHz	Pass	320M	43.67M	19.937M	40.315M	19.381M
6535MHz	Pass	320M	33.11M	19.205M	42.955M	20.523M
6695MHz	Pass	320M	51.095M	29.499M	52.58M	27.893M
6855MHz	Pass	320M	53.735M	32.804M	51.975M	31.019M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	48.95M	38.006M	55.77M	37.955M
6205MHz	Pass	320M	104.28M	66.412M	102.96M	63.939M
6405MHz	Pass	320M	89.32M	41.056M	80.96M	39.558M
6565MHz	Pass	320M	100.54M	59.192M	97.24M	55.008M
6685MHz	Pass	320M	95.26M	57.505M	92.18M	53.525M
6845MHz	Pass	320M	102.19M	61.663M	100.54M	58.138M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	89.54M	77.415M	114.18M	77.586M
6225MHz	Pass	320M	214.28M	133.169M	195.14M	125.176M
6385MHz	Pass	320M	165.22M	82.599M	175.78M	80.95M
6625MHz	Pass	320M	213.4M	120.914M	195.14M	114.045M
6705MHz	Pass	320M	200.86M	132.928M	196.02M	124.972M
6785MHz	Pass	320M	207.68M	134.257M	205.92M	123.958M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	226.16M	156.517M	187M	156.27M
6185MHz	Pass	320M	305.8M	158.344M	317.24M	157.277M
6345MHz	Pass	320M	297.88M	157.613M	313.28M	157.813M
6665MHz	Pass	320M	297.44M	157.68M	291.28M	157.618M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	515.68M	315.632M	540.32M	315.841M
6265MHz	Pass	320M	591.36M	318.851M	617.76M	319.278M

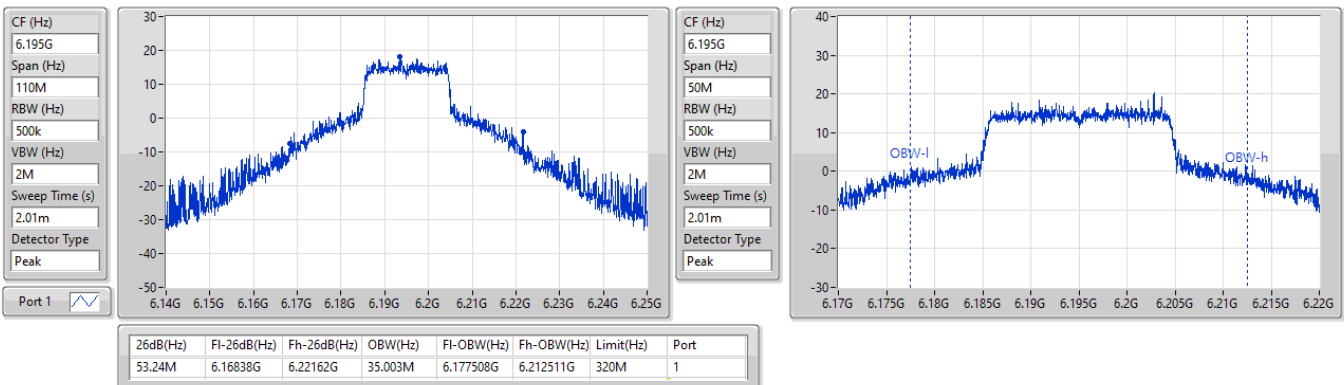
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

29/05/2026

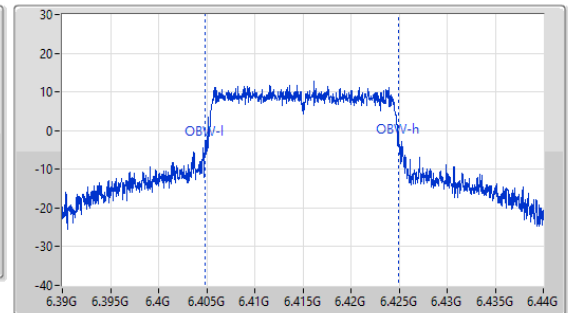
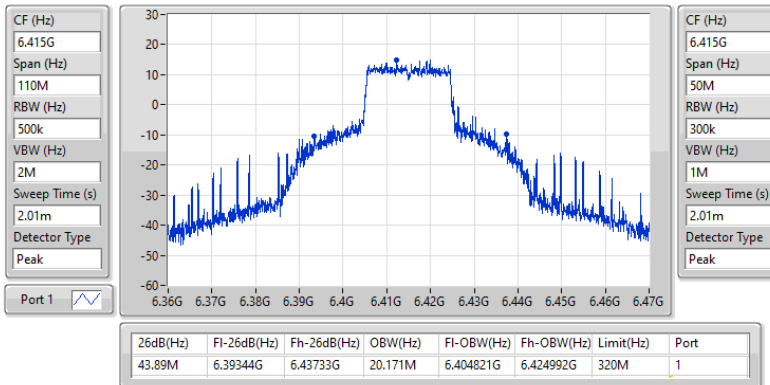

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6195MHz

29/05/2026

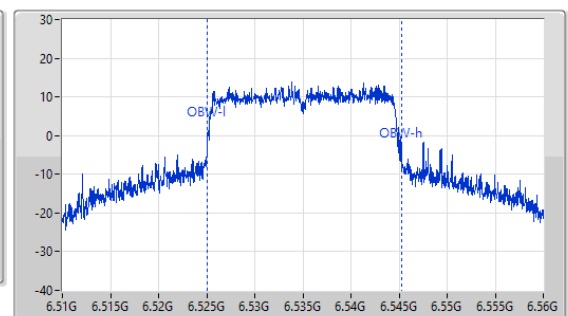
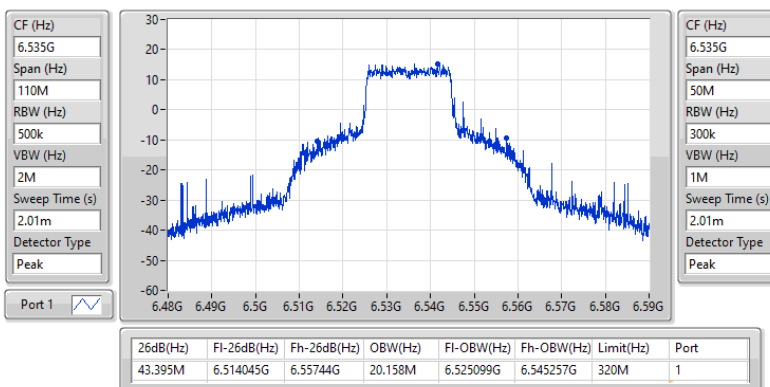


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6415MHz

29/05/2026

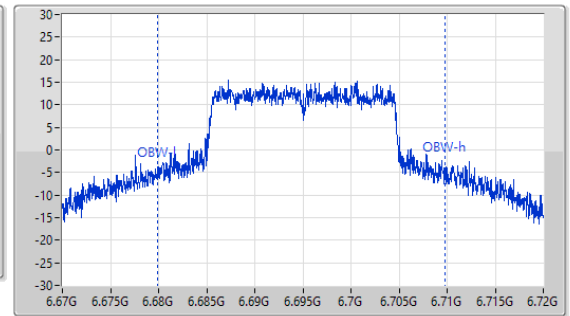
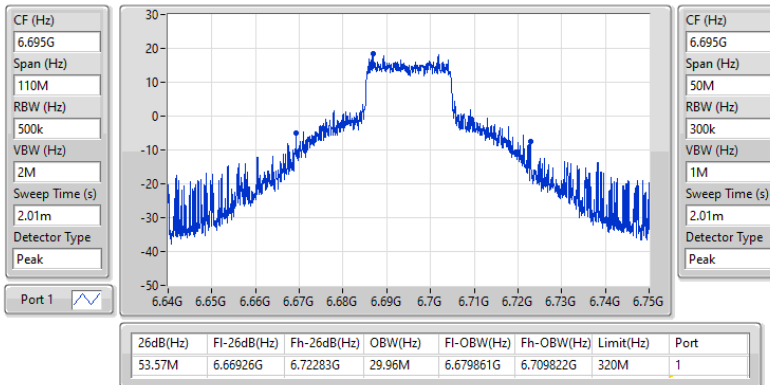

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6535MHz

29/05/2026

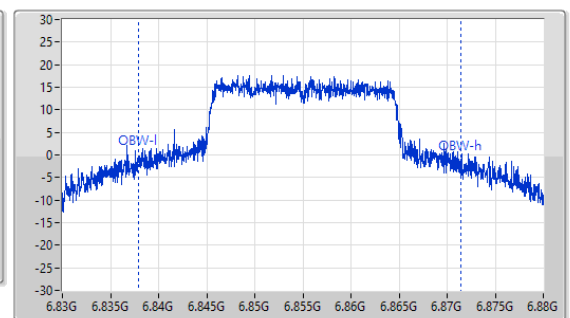
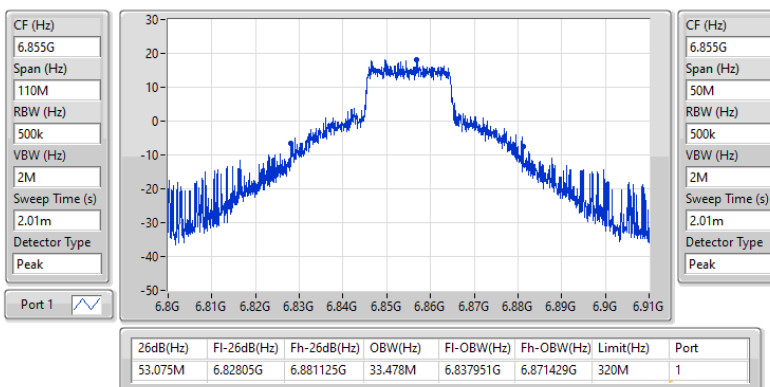


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

29/05/2026

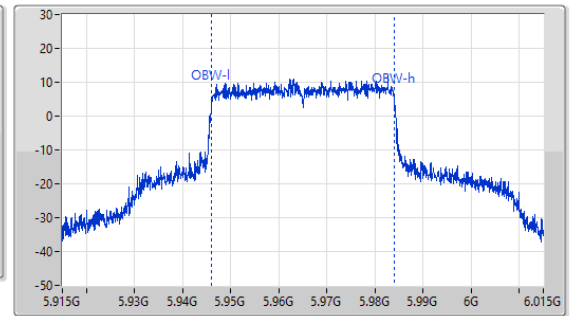
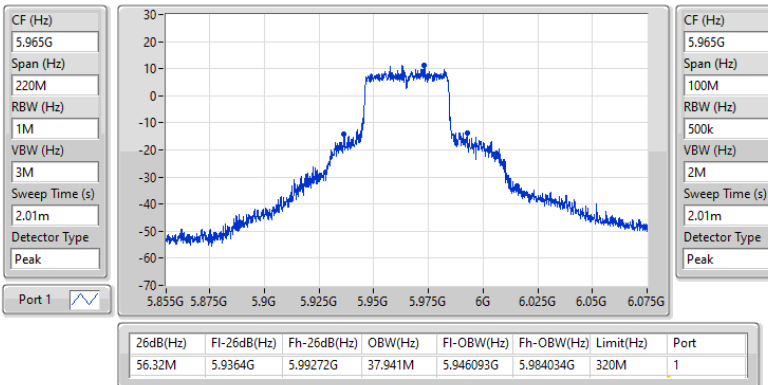

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

29/05/2026

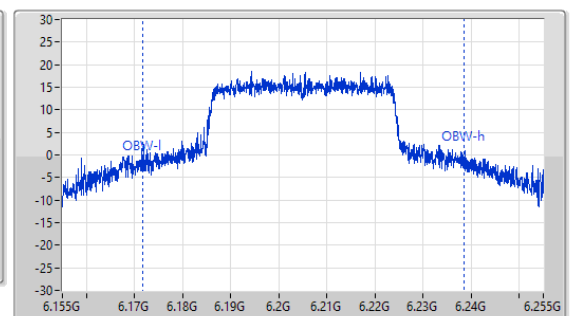
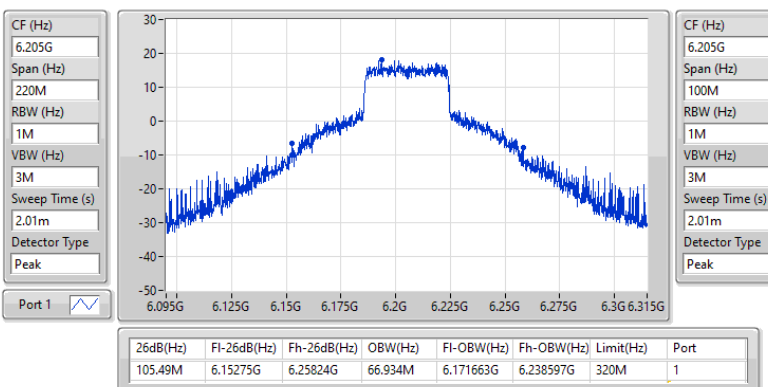


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5965MHz

29/05/2026

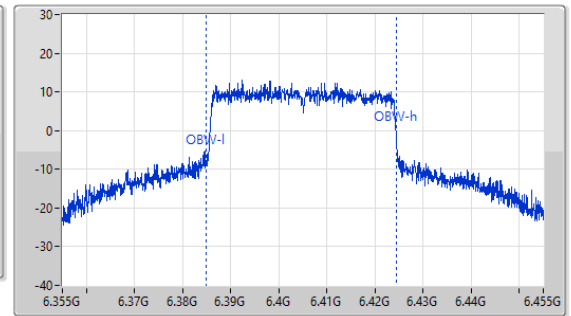
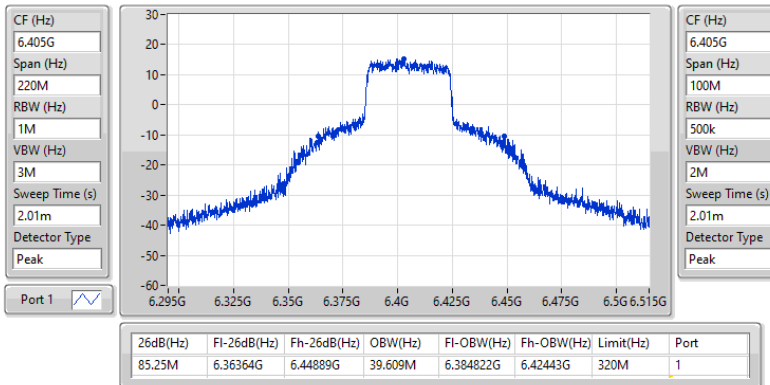

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6205MHz

29/05/2026

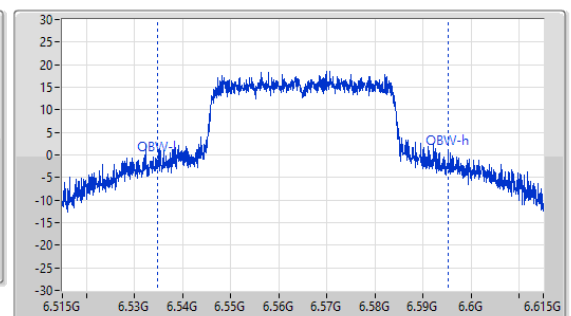
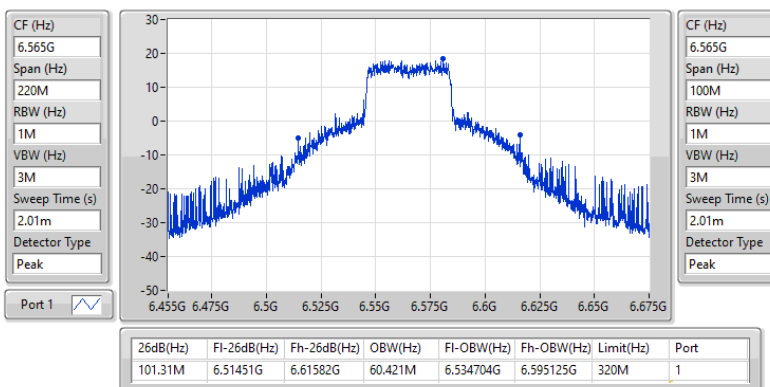


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6405MHz

29/05/2026

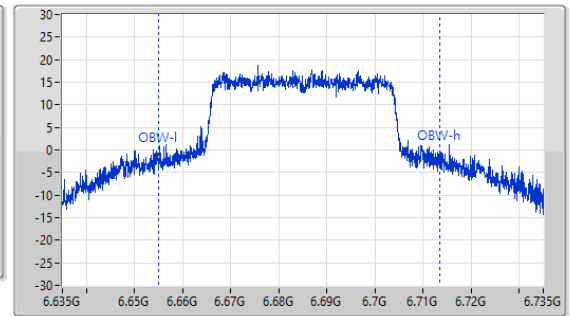
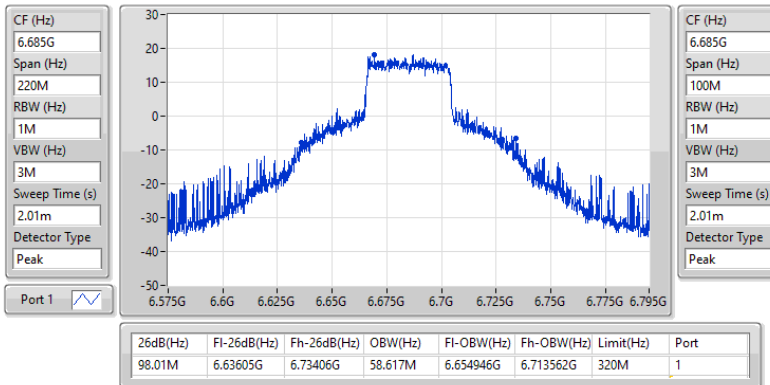

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6565MHz

29/05/2026

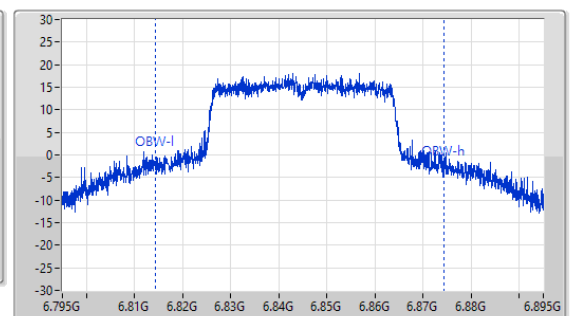
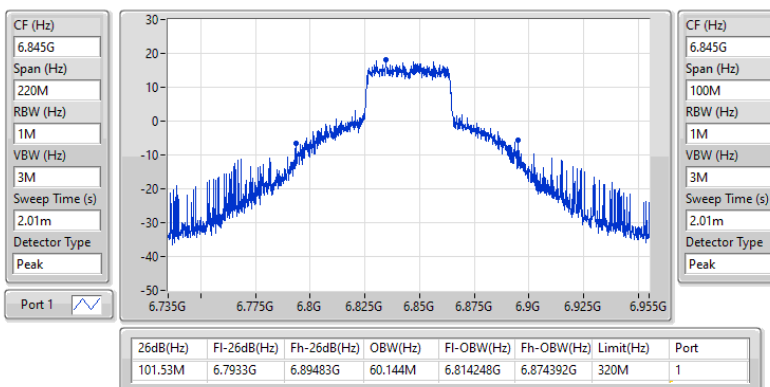


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

29/05/2026

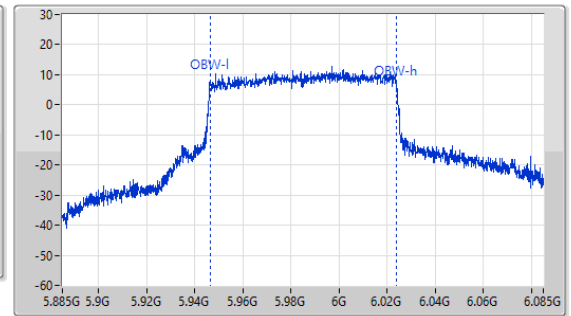
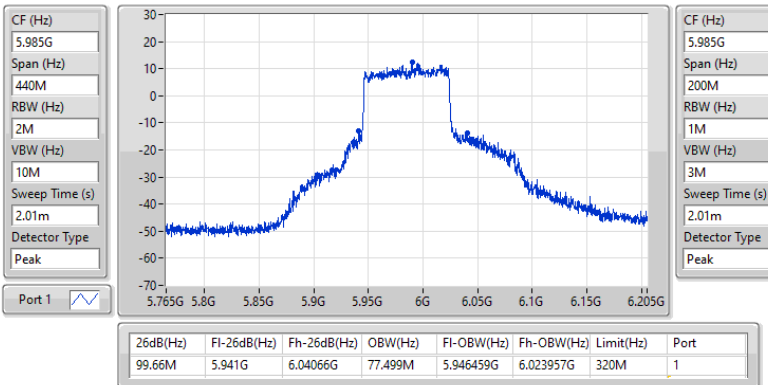

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

29/05/2026

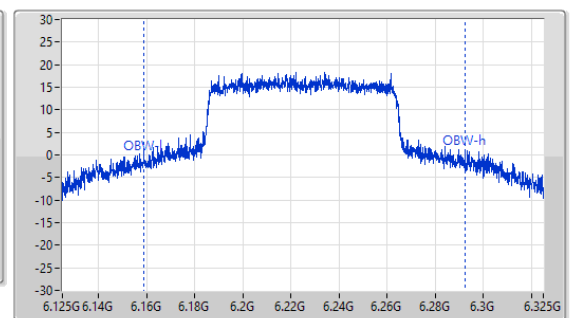
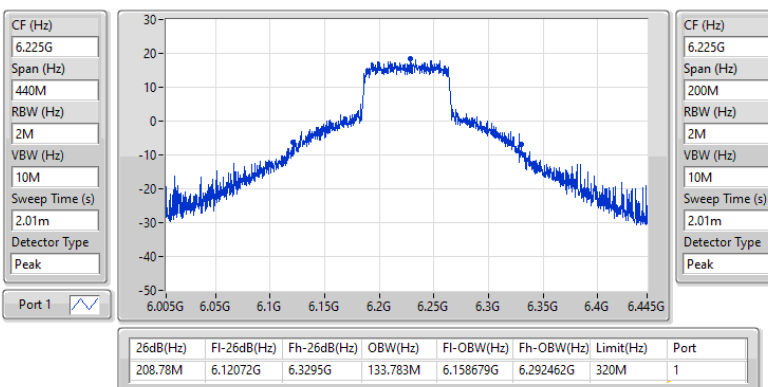


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5985MHz

29/05/2026

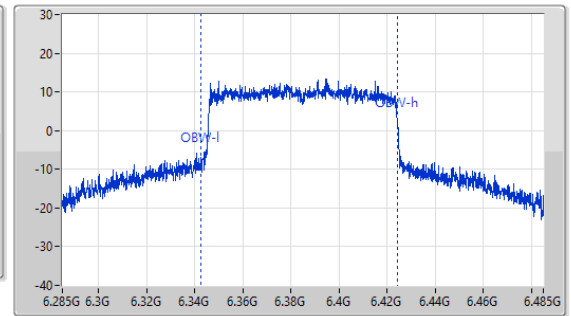
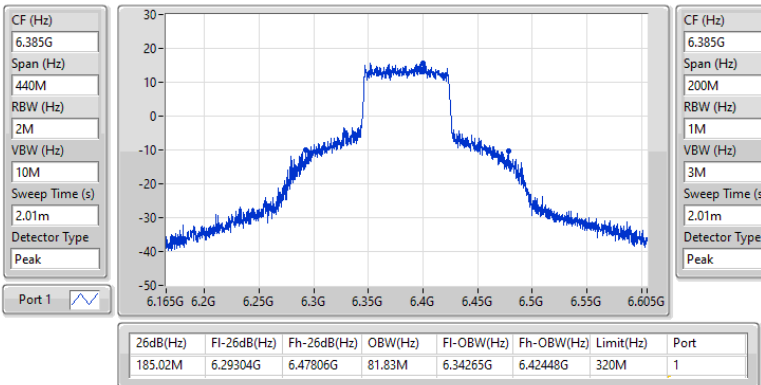

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6225MHz

29/05/2026

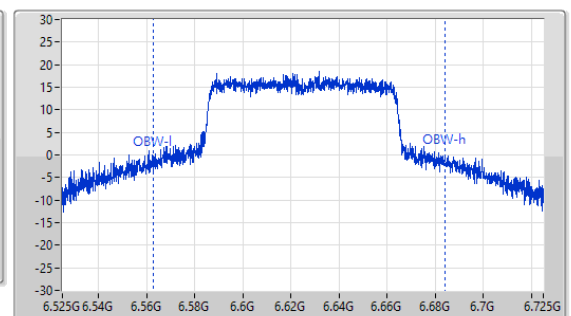
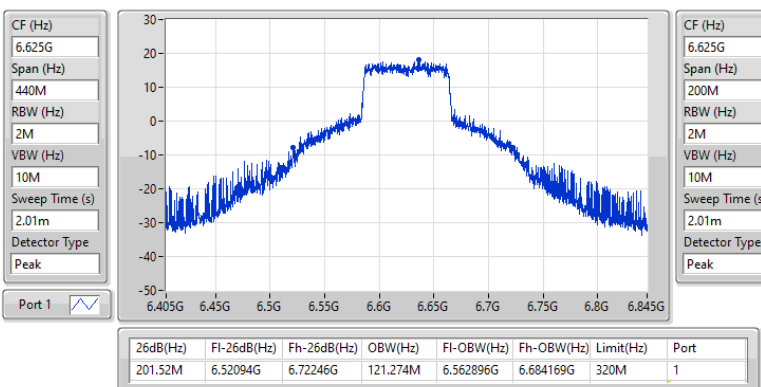


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6385MHz

29/05/2026

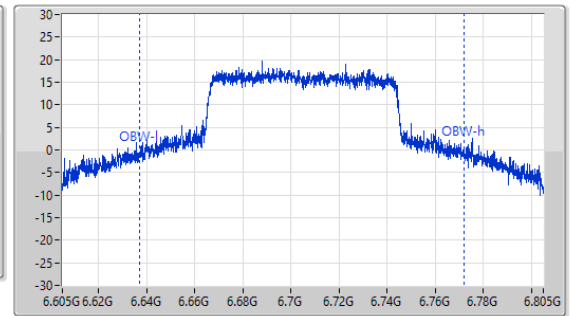
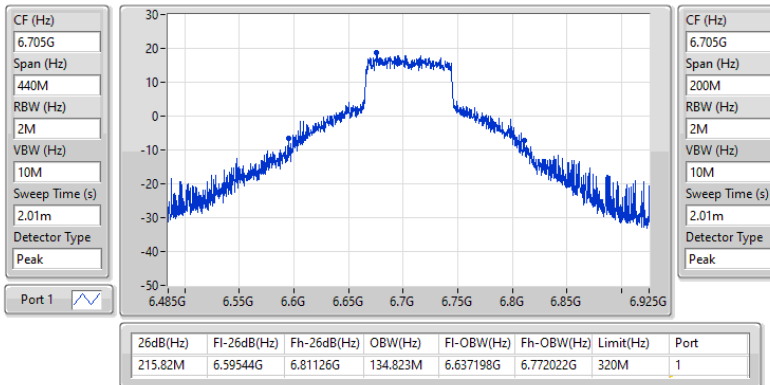

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

29/05/2026

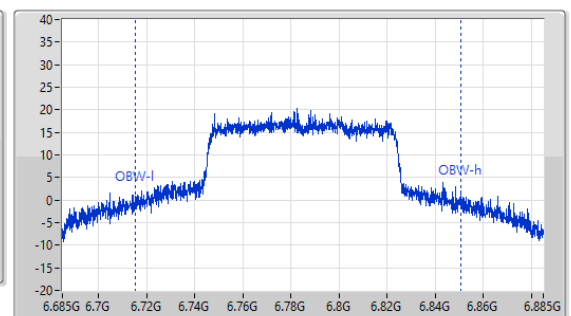
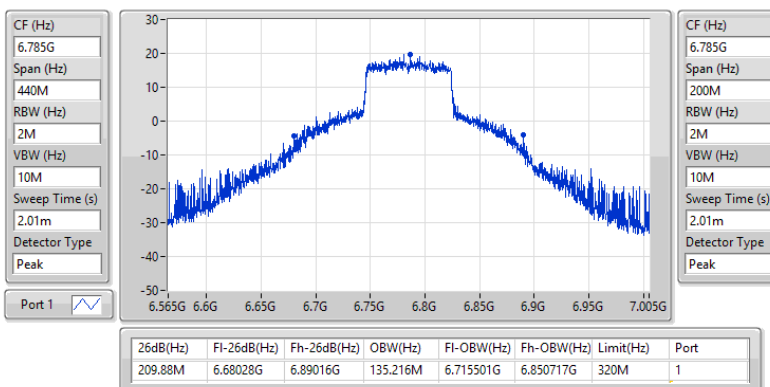


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

29/05/2026

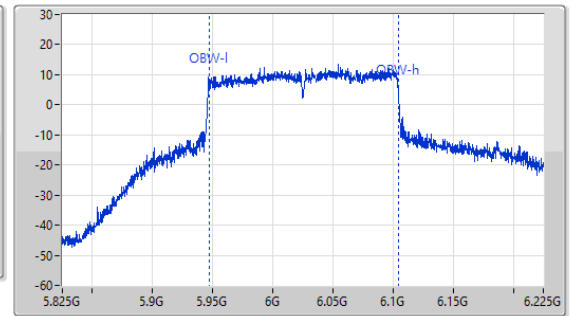
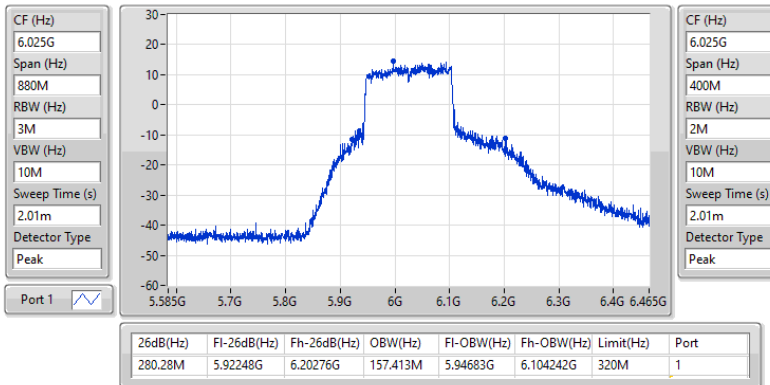

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

24/06/2026

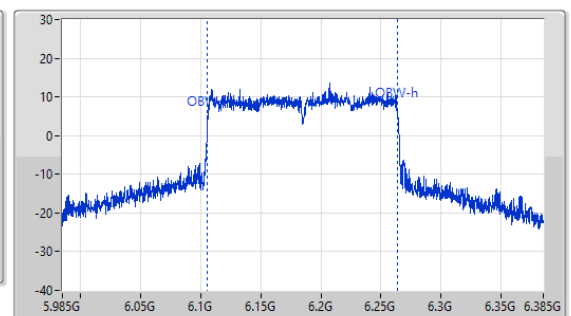
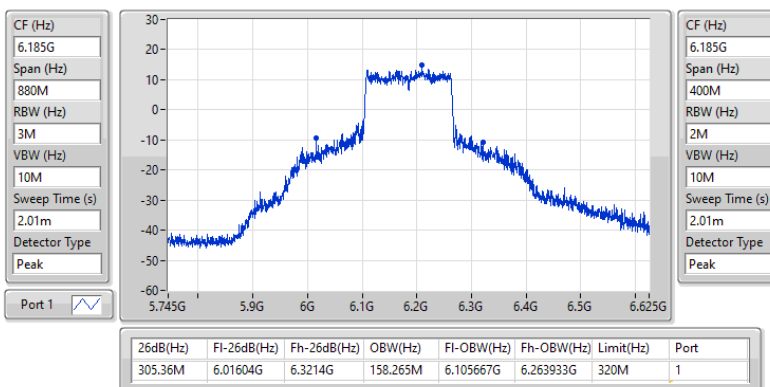


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6025MHz

29/05/2026

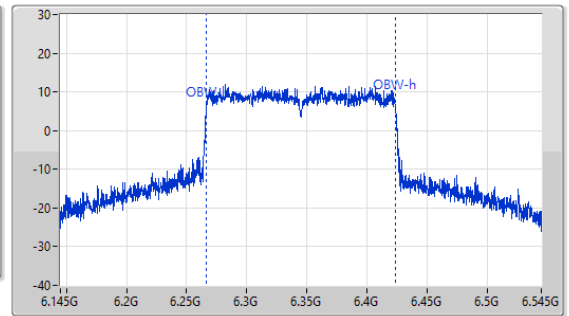
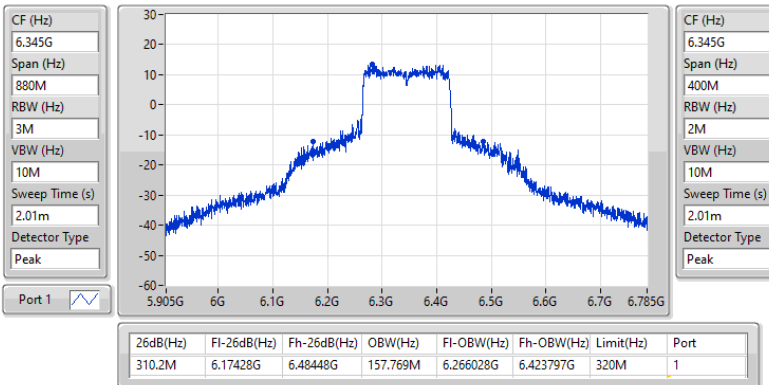

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6185MHz

29/05/2026

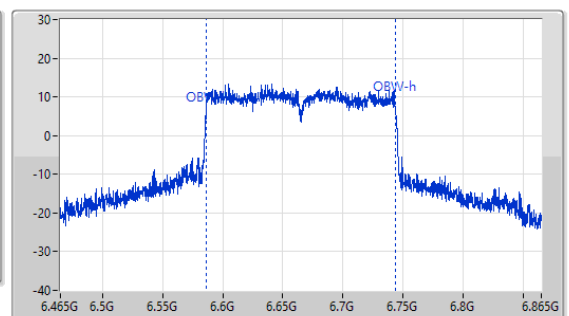
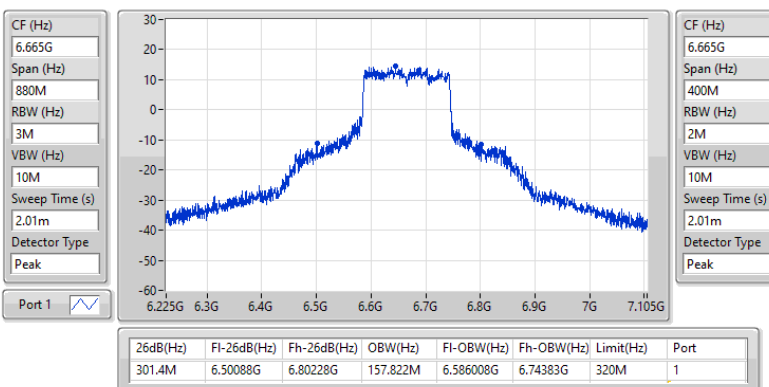


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6345MHz

29/05/2026

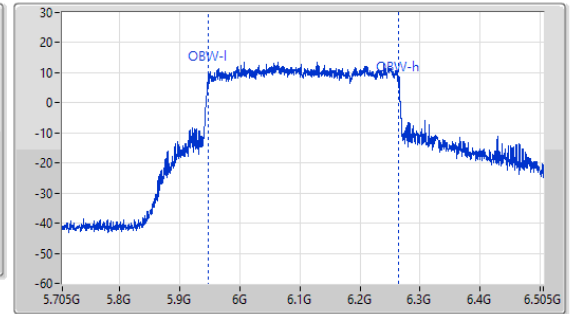
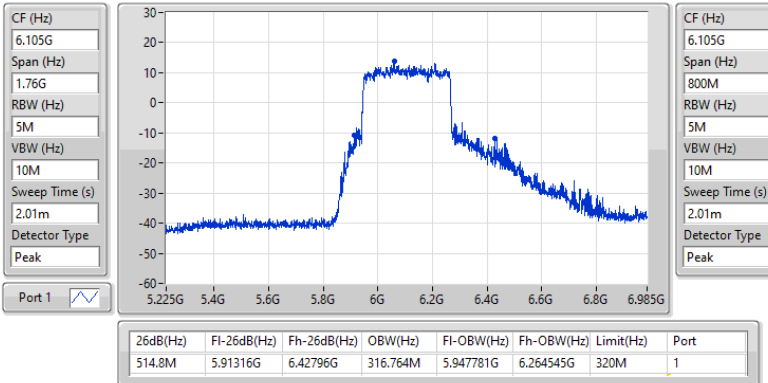

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6665MHz

29/05/2026

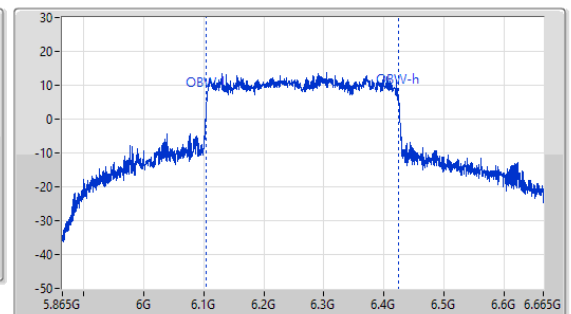
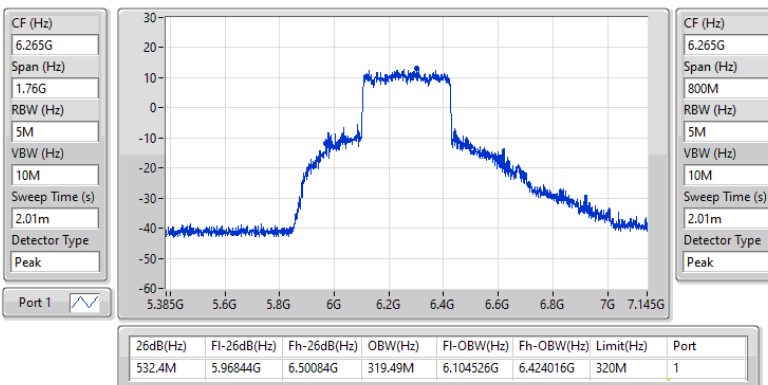


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EBW
6105MHz

29/05/2026

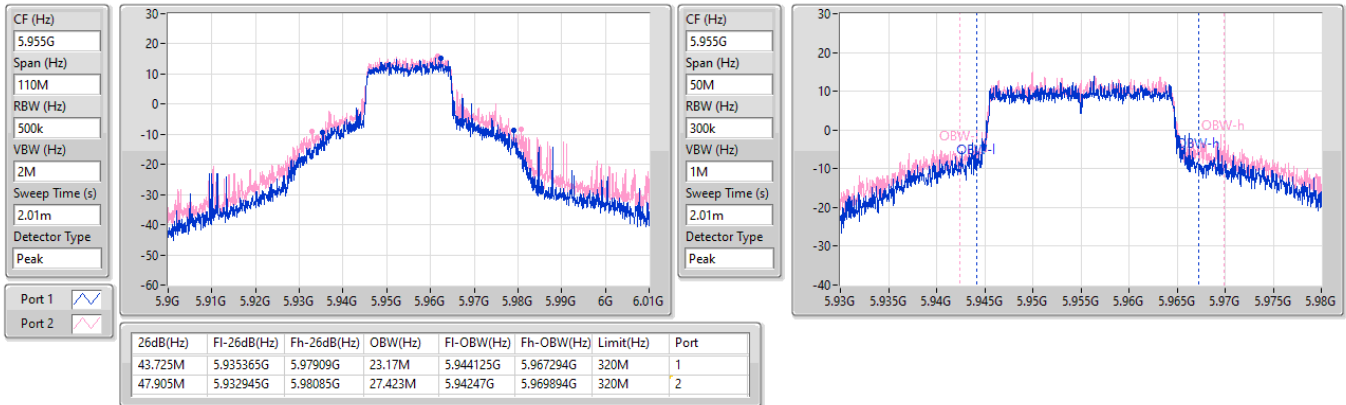

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EBW
6265MHz

29/05/2026

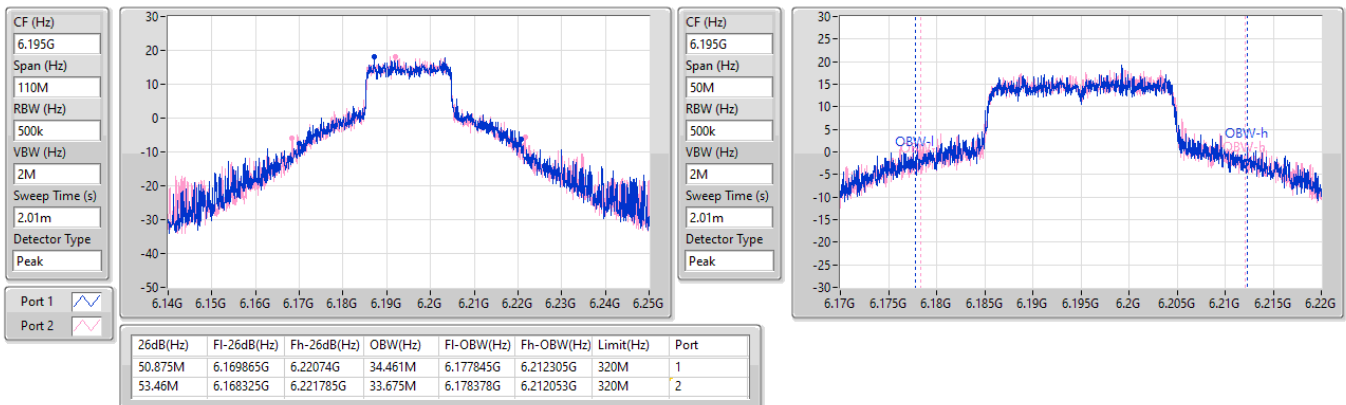


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EBW
5955MHz

29/05/2026

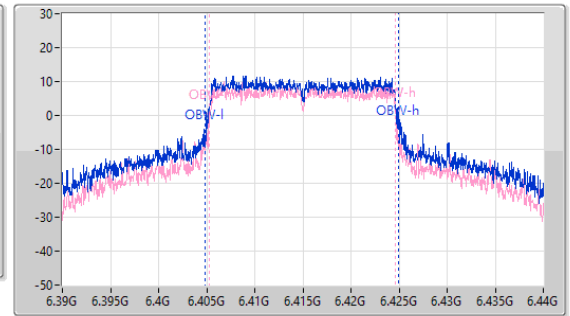
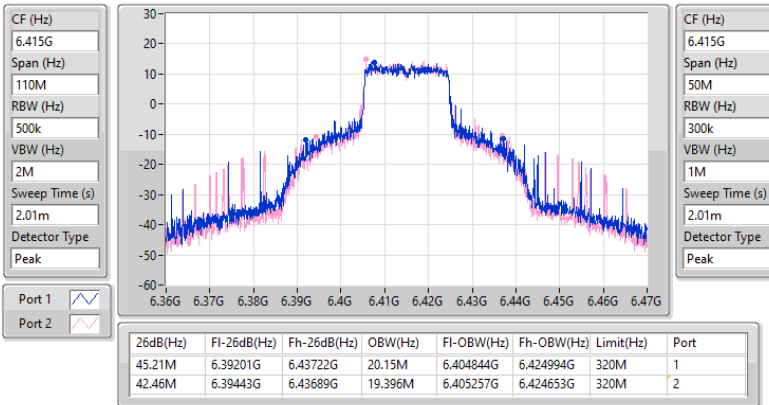

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6195MHz

29/05/2026

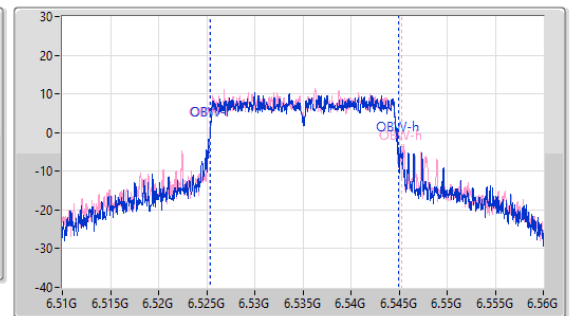
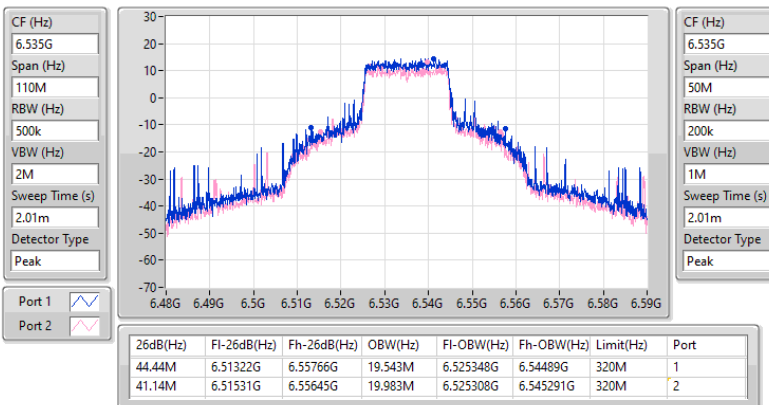


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6415MHz

29/05/2026

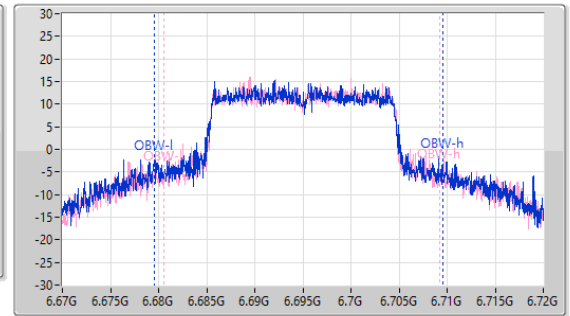
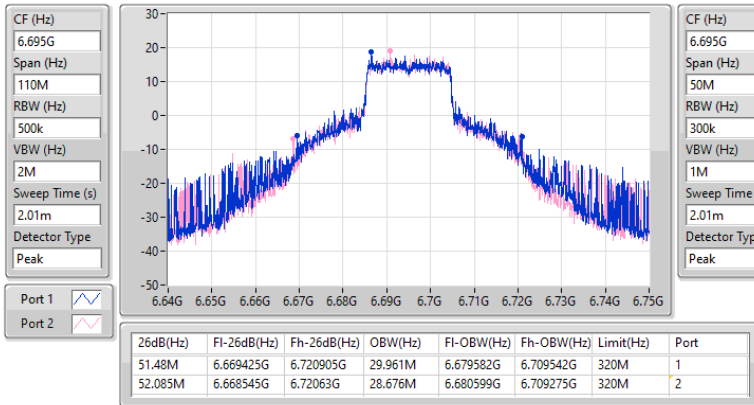

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6535MHz

29/05/2026

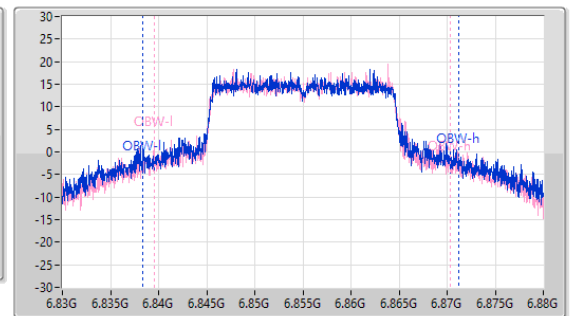
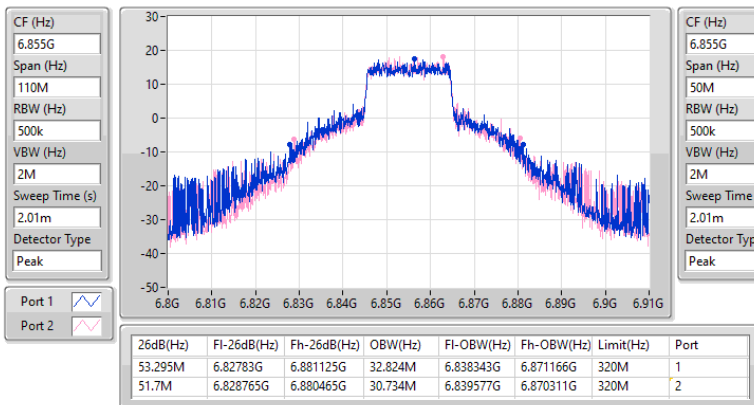


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6695MHz

29/05/2026

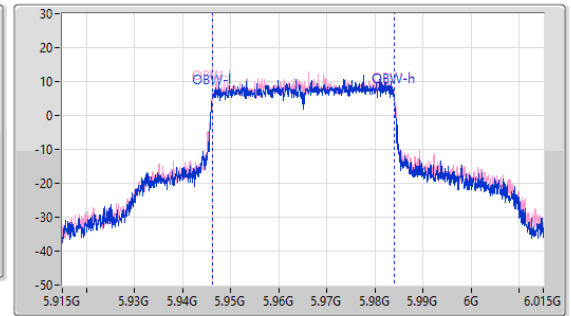
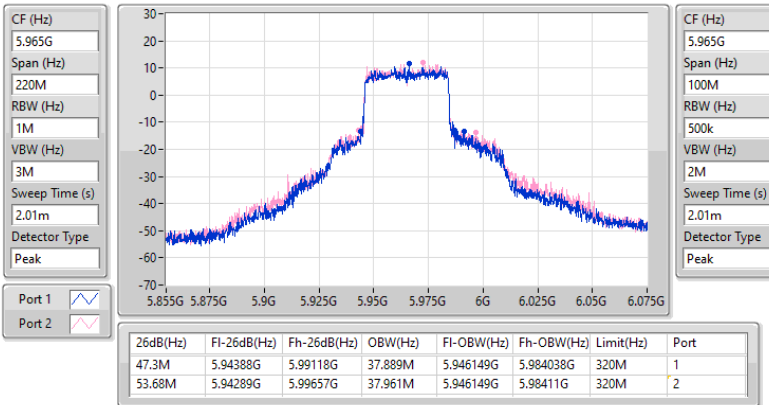

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6855MHz

29/05/2026

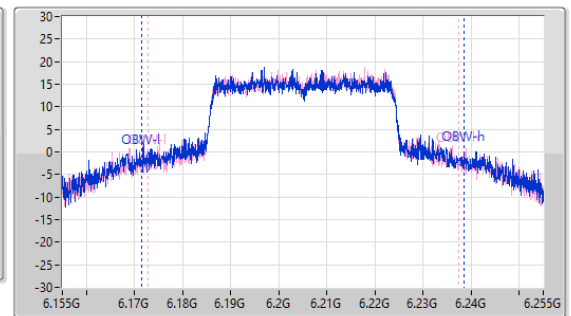
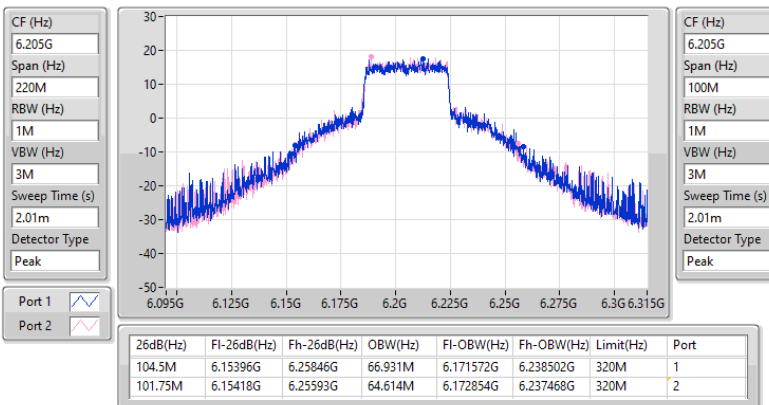


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5965MHz

29/05/2026

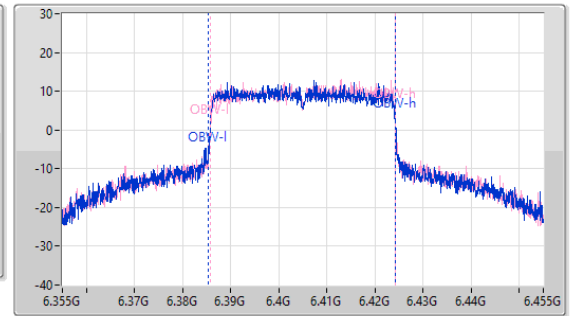
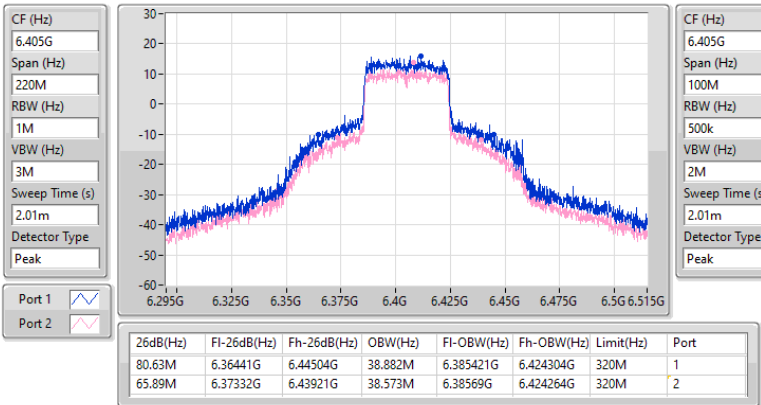

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6205MHz

29/05/2026

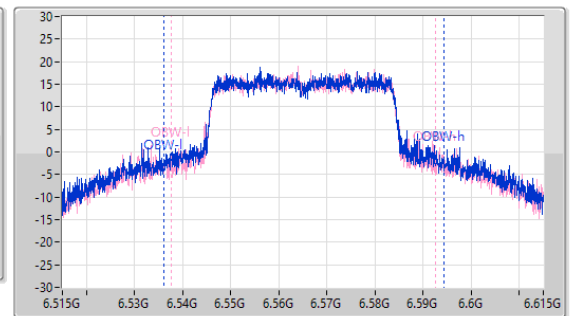
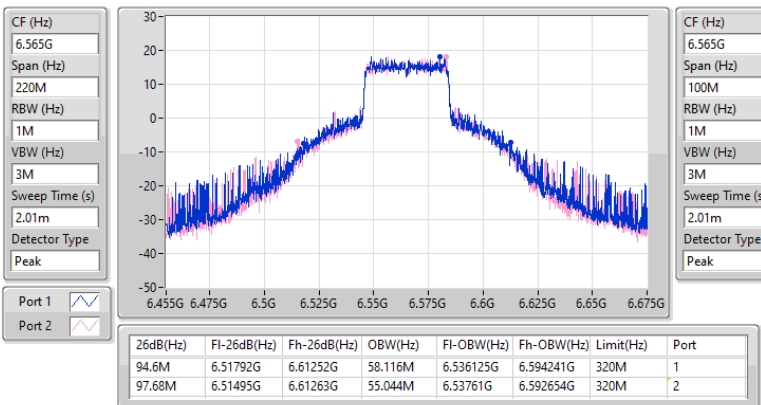


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6405MHz

29/05/2026

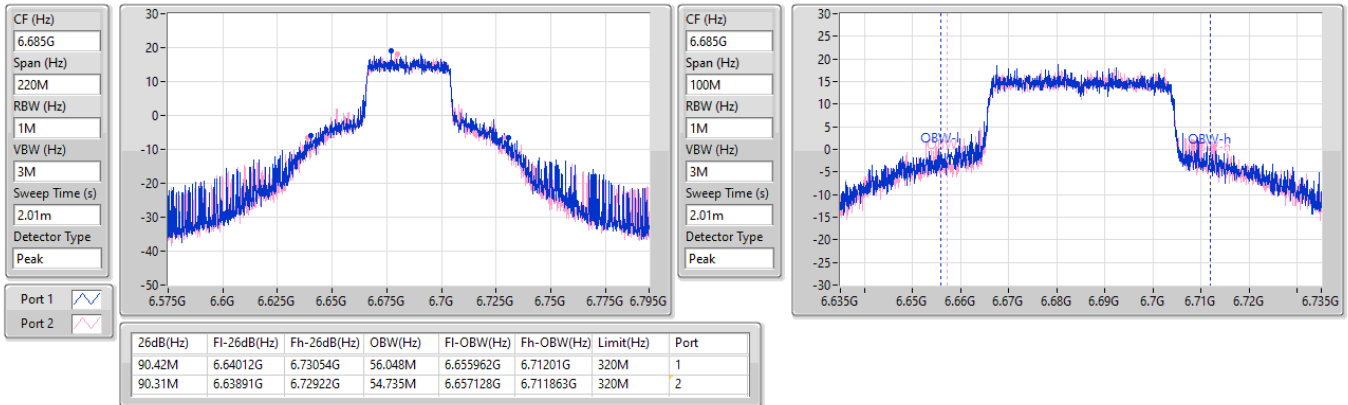

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6565MHz

29/05/2026

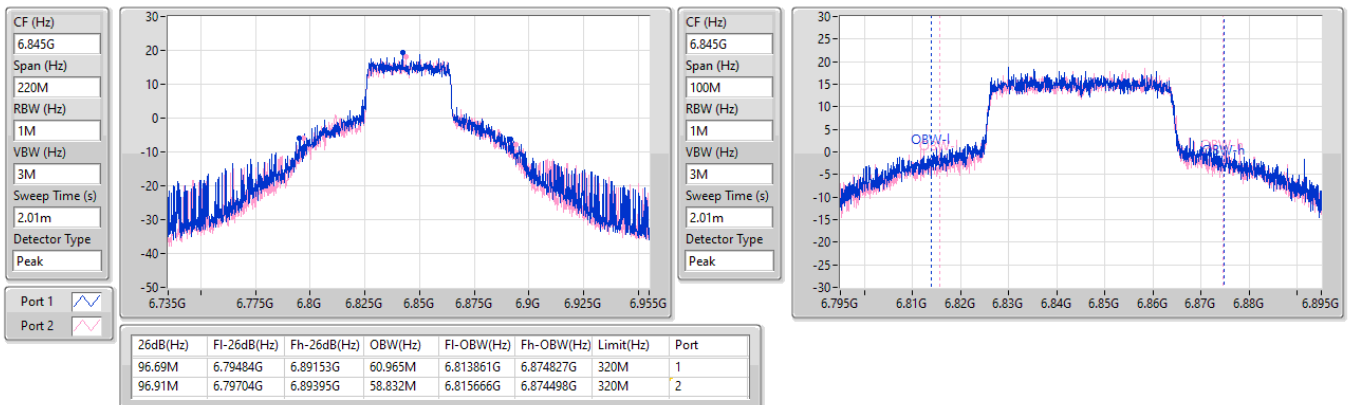


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6685MHz

29/05/2026

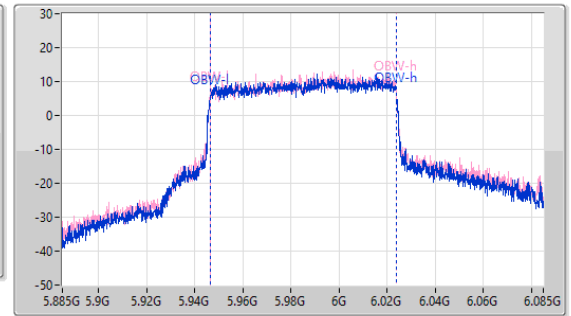
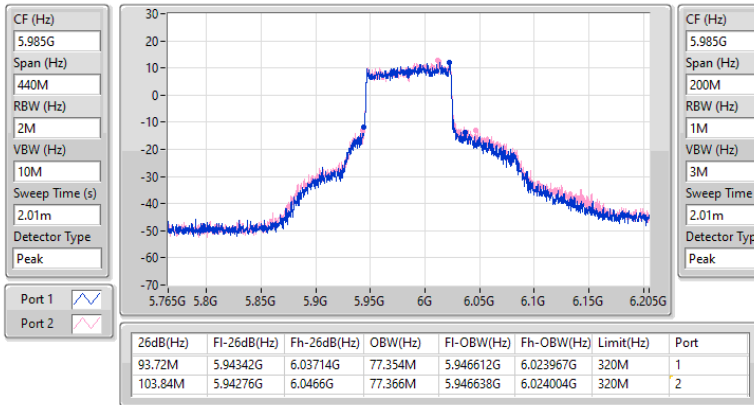

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6845MHz

29/05/2026

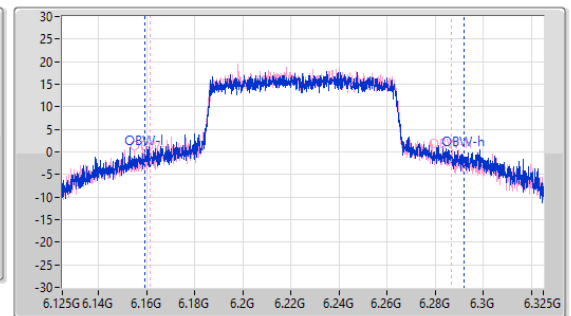
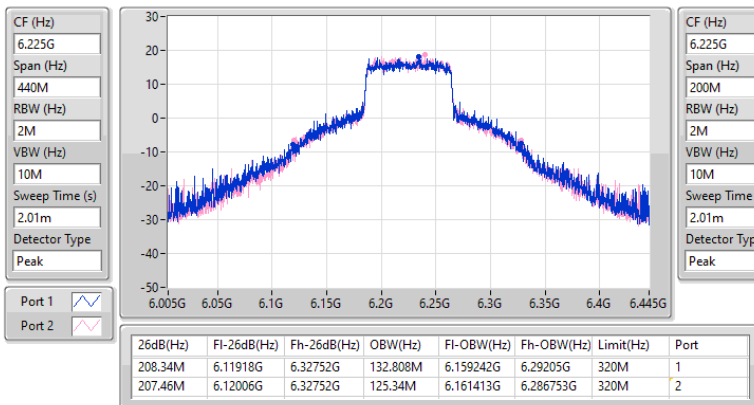


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5985MHz

29/05/2026

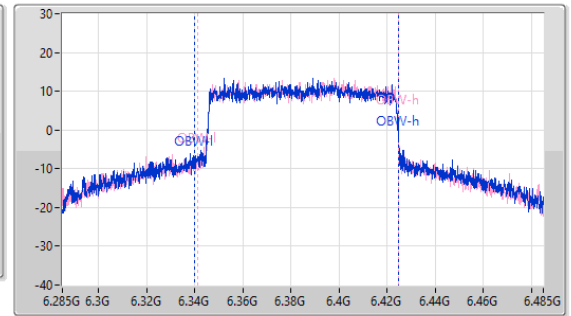
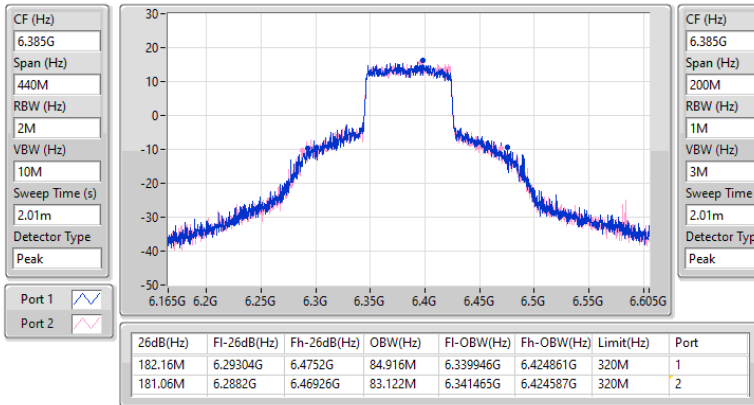

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6225MHz

29/05/2026

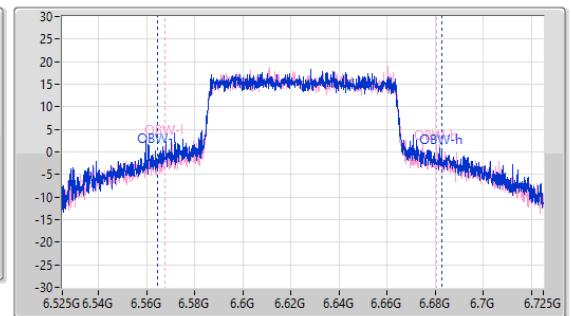
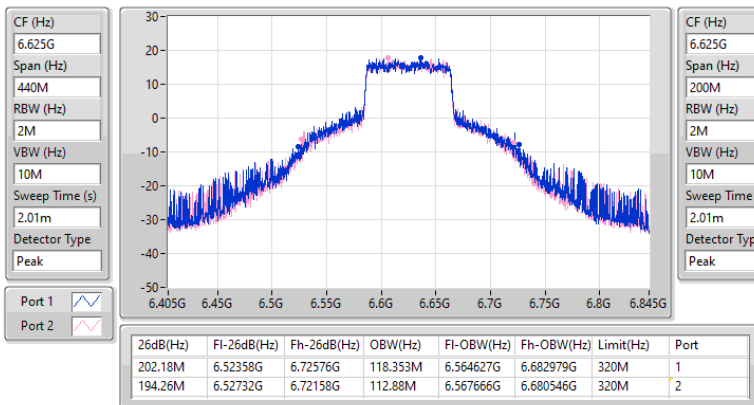


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6385MHz

29/05/2026

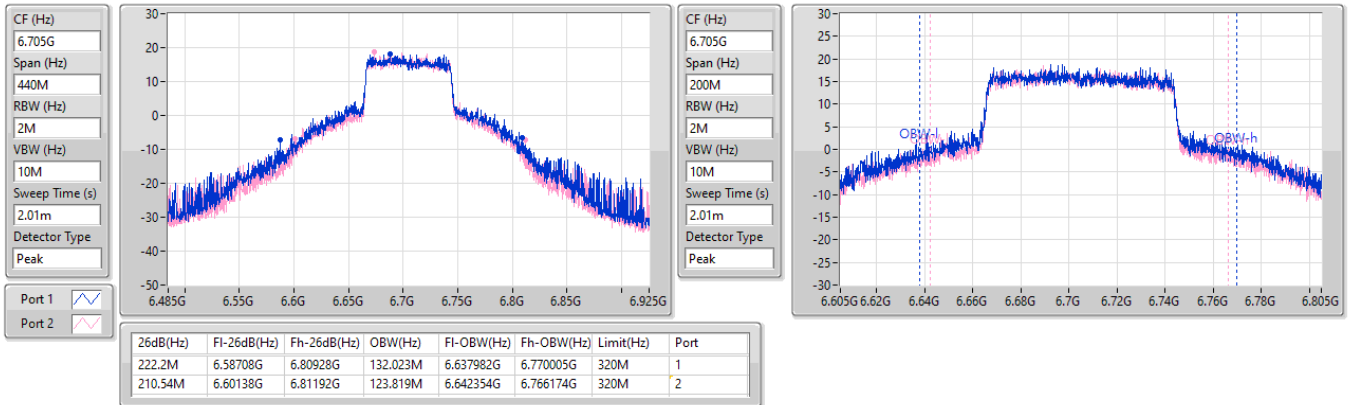

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6625MHz

29/05/2026

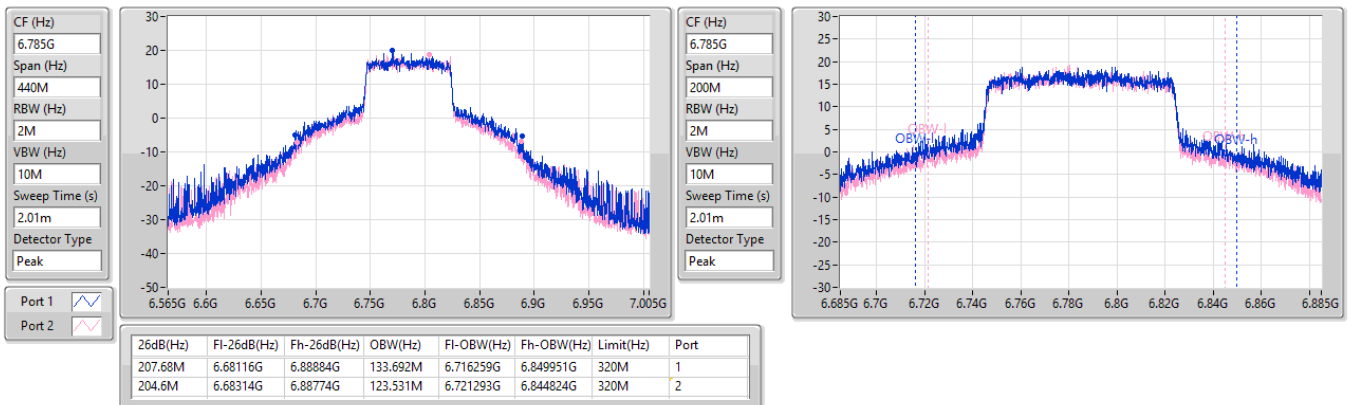


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6705MHz

29/05/2026

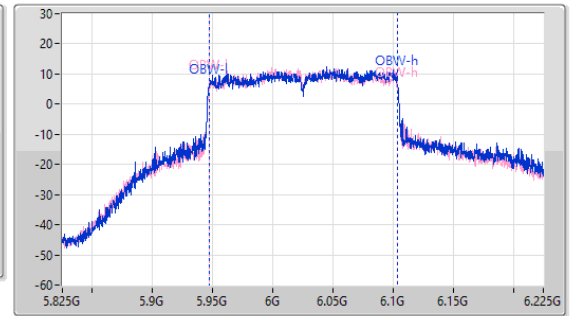
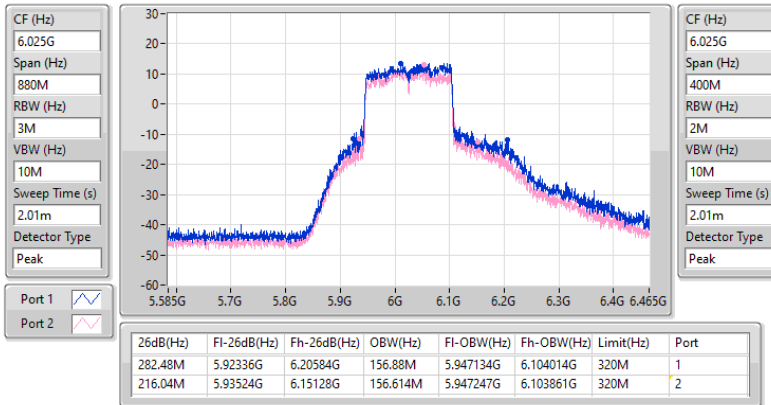

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6785MHz

24/06/2026

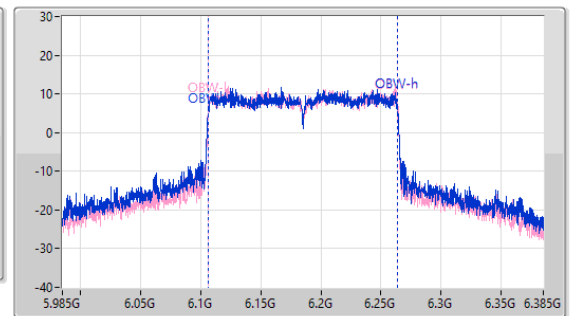
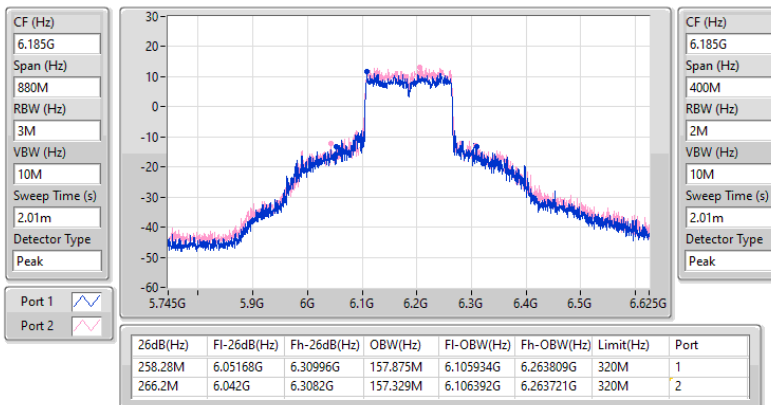


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6025MHz

29/05/2026

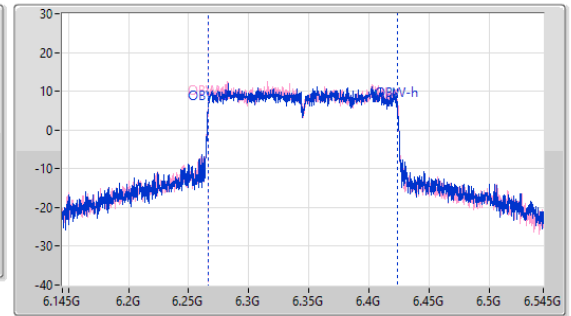
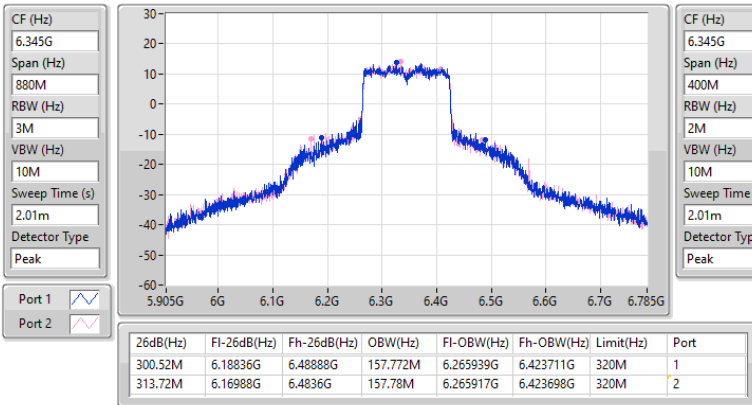

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EBW
6185MHz

29/05/2026

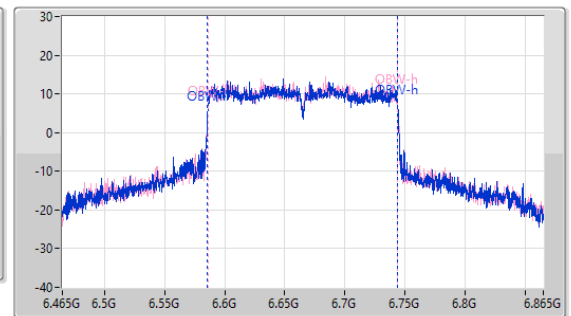
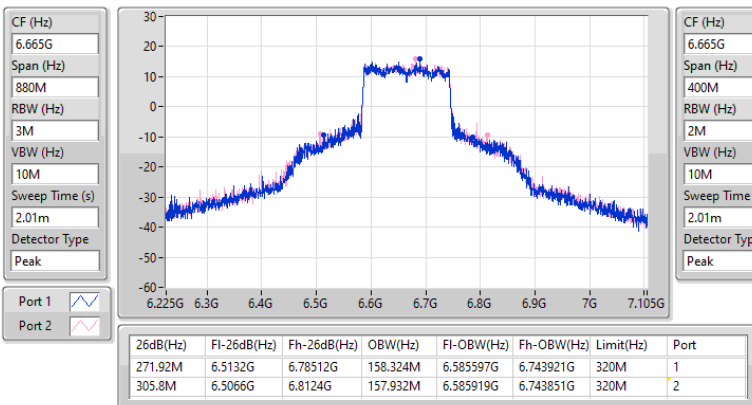


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EBW
6345MHz

29/05/2026

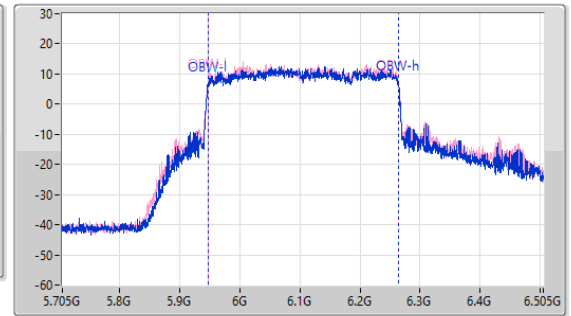
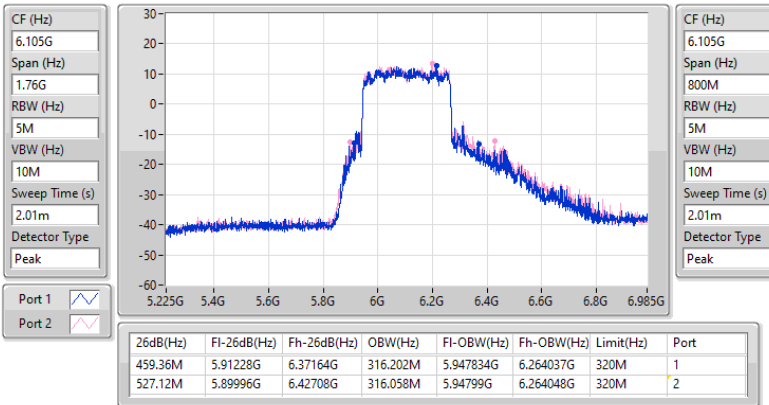

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6665MHz

29/05/2026

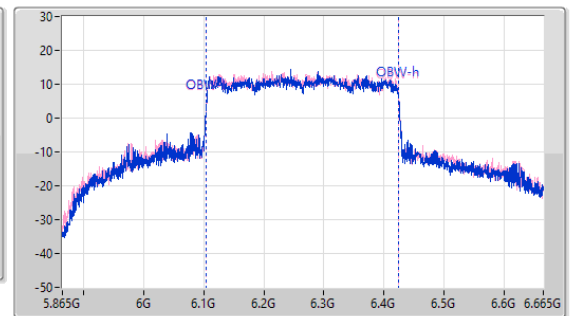
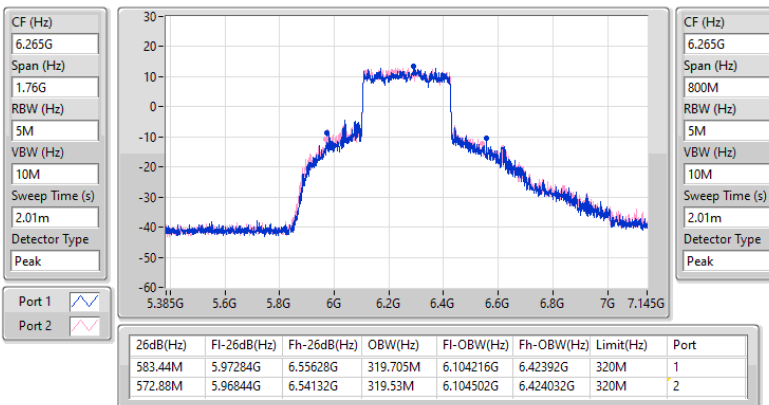


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6105MHz

29/05/2026

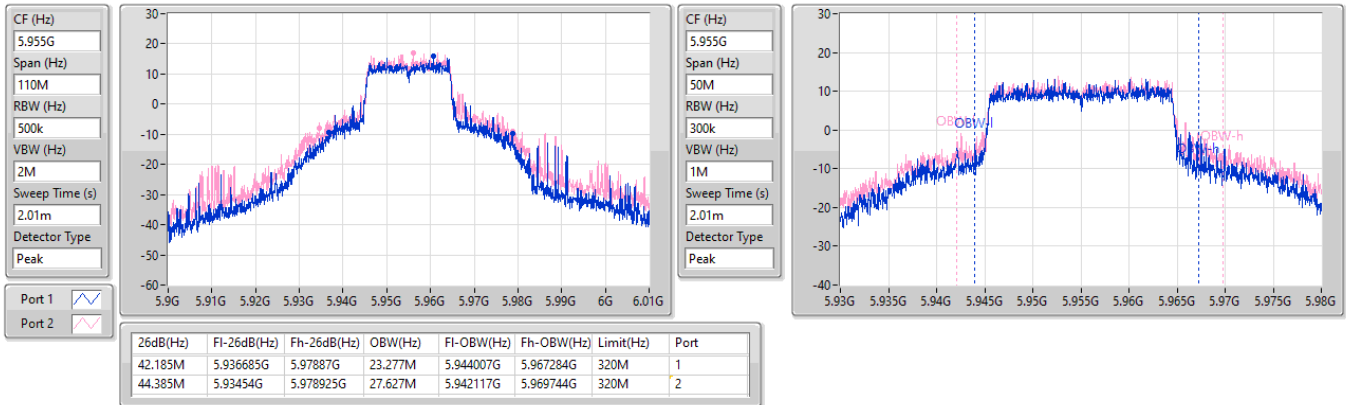

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6265MHz

29/05/2026

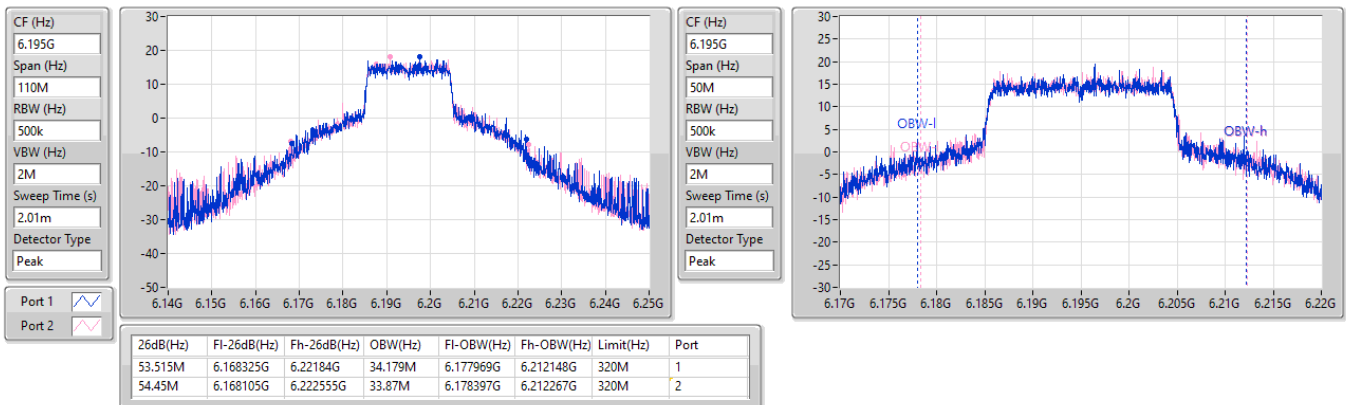


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5955MHz

29/05/2026

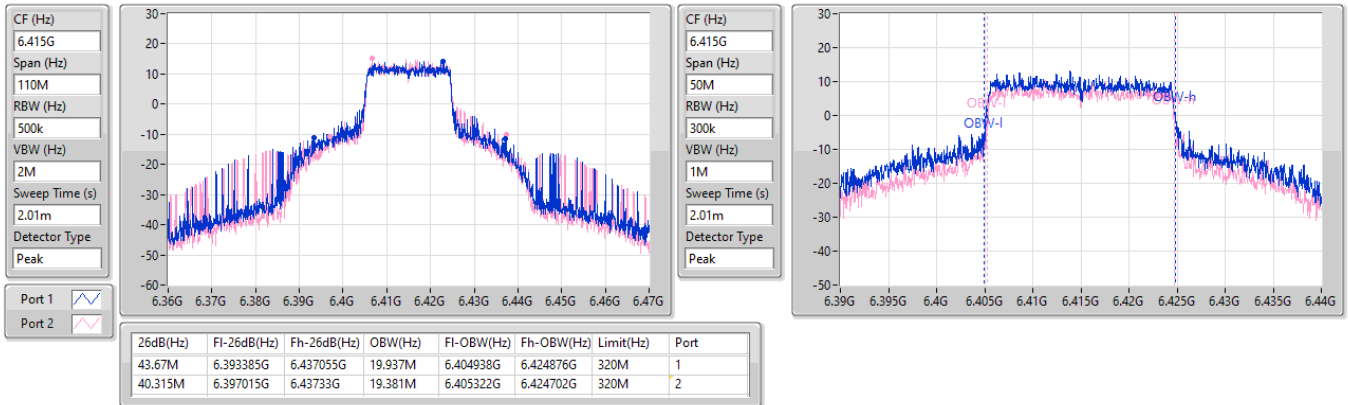

5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6195MHz

29/05/2026

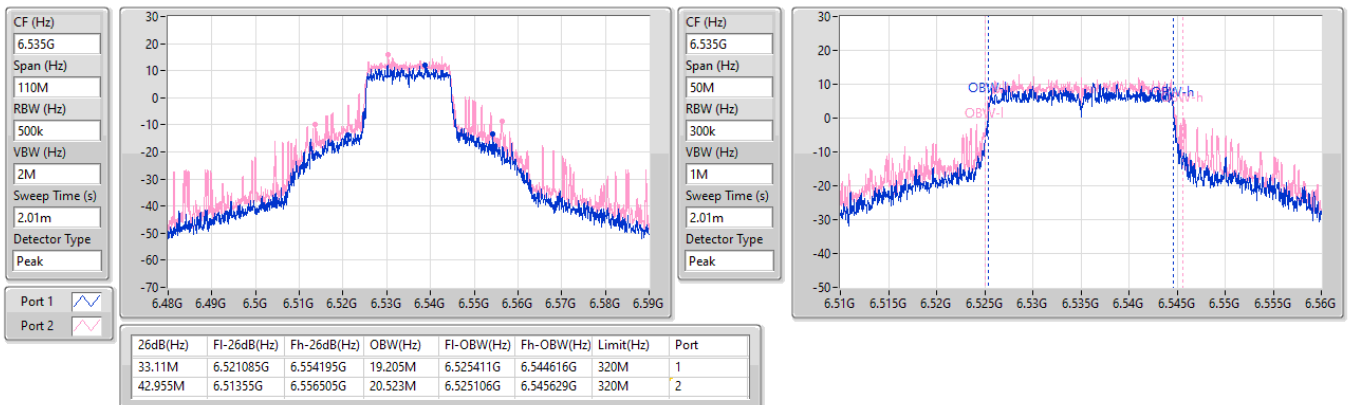


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6415MHz

29/05/2026

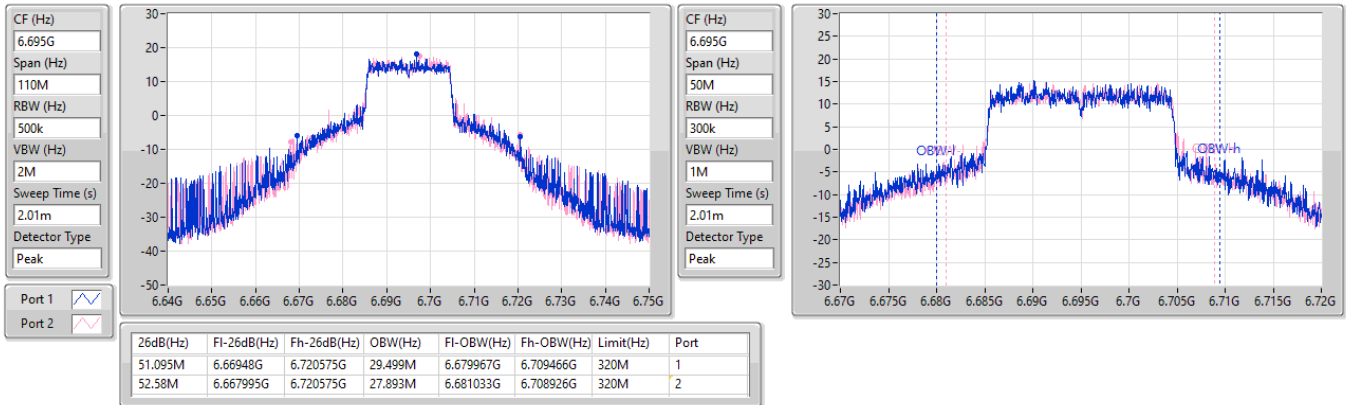

6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6535MHz

29/05/2026

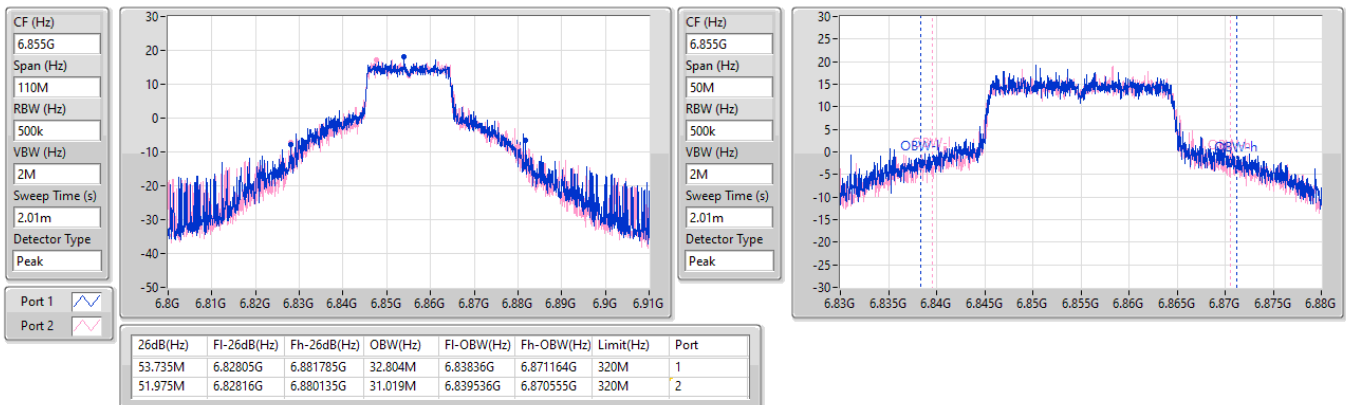


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6695MHz

29/05/2026

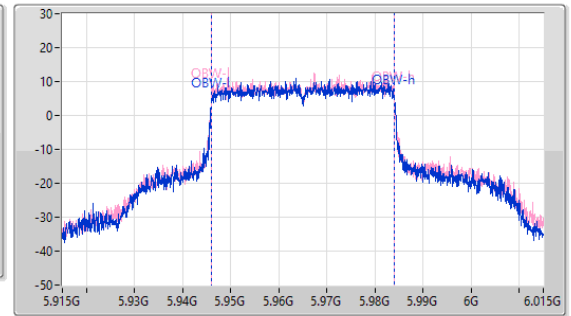
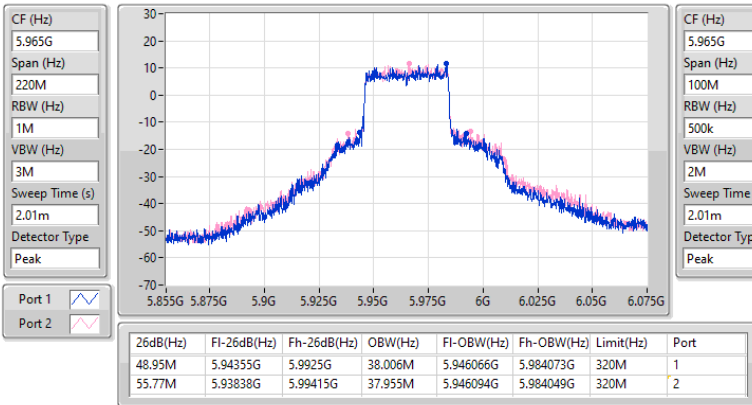

6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6855MHz

29/05/2026

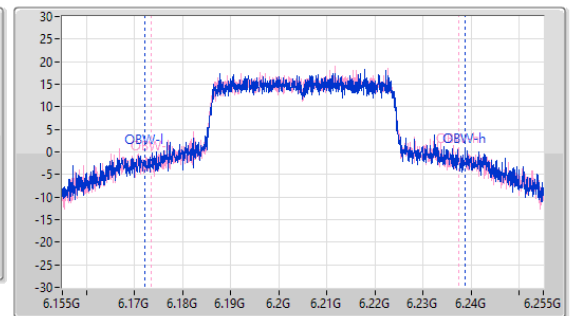
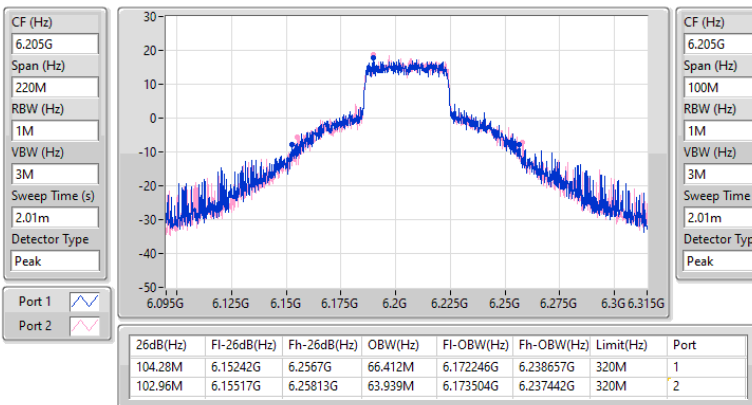


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5965MHz

29/05/2026

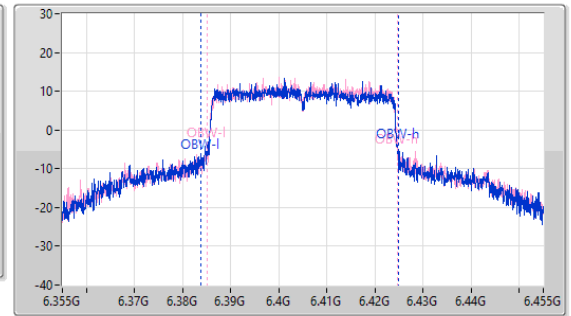
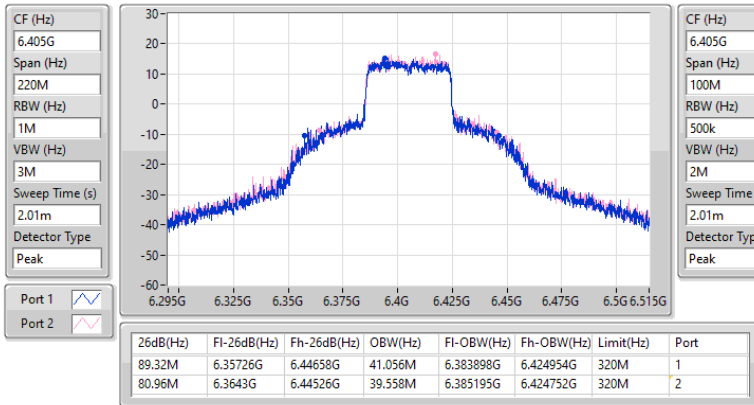

5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6205MHz

29/05/2026

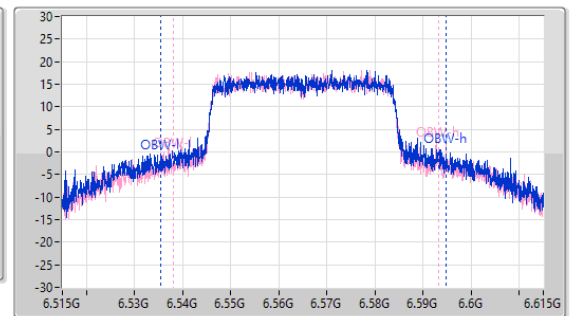
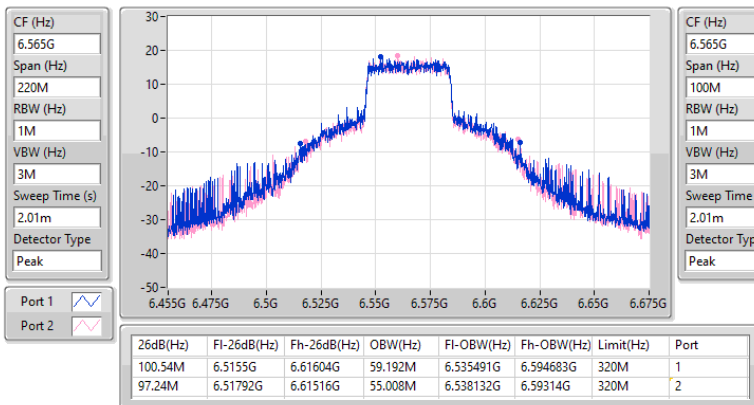


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6405MHz

29/05/2026

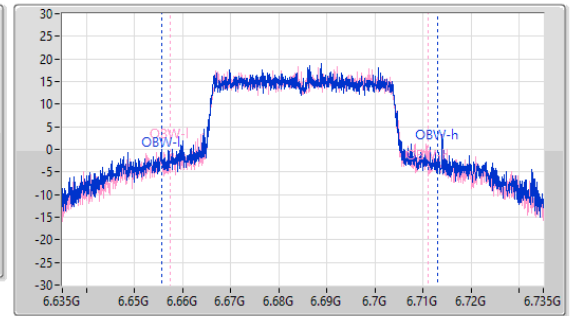
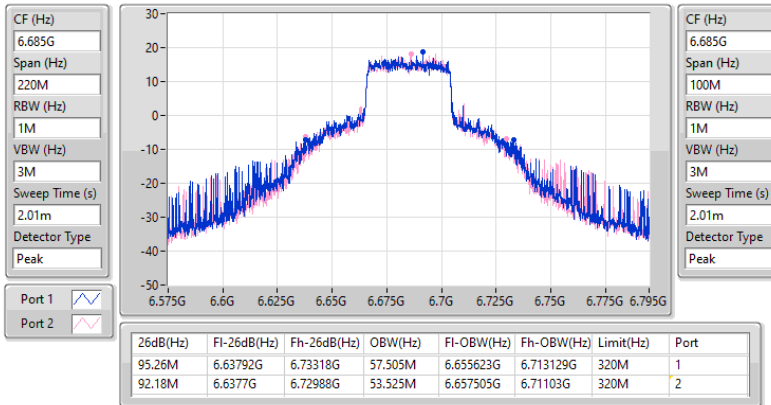

6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6565MHz

29/05/2026

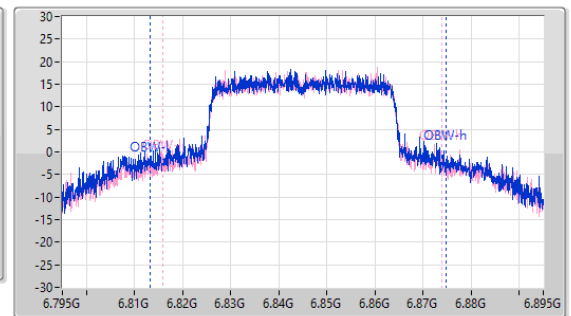
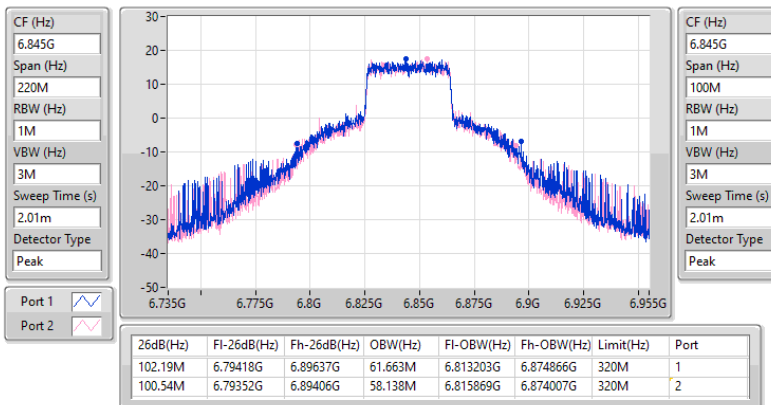


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6685MHz

29/05/2026

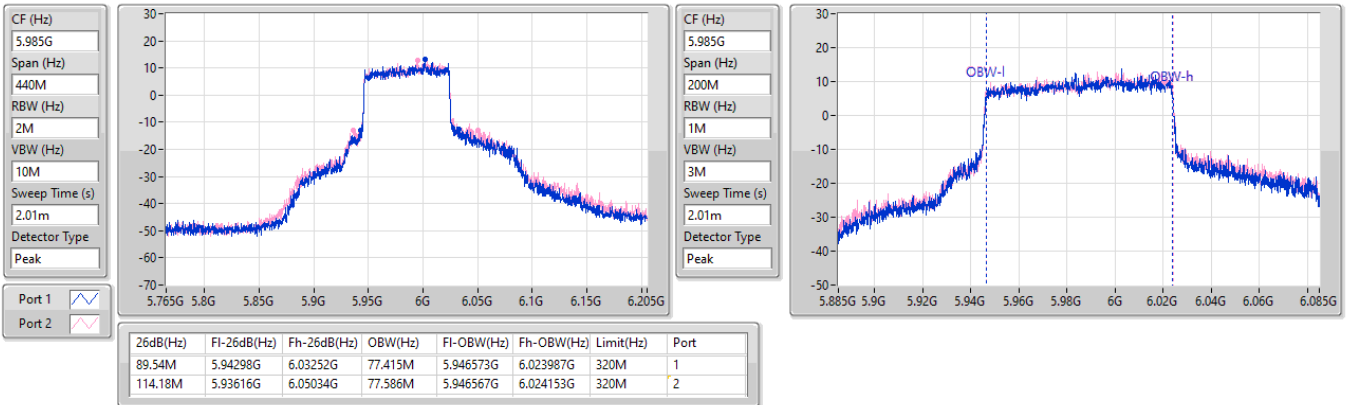

6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6845MHz

29/05/2026

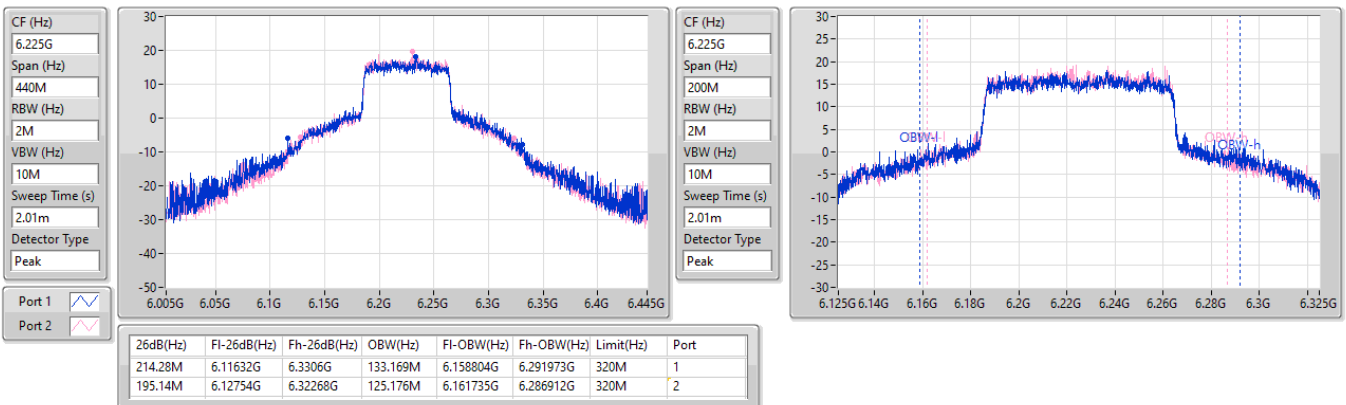


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5985MHz

29/05/2026

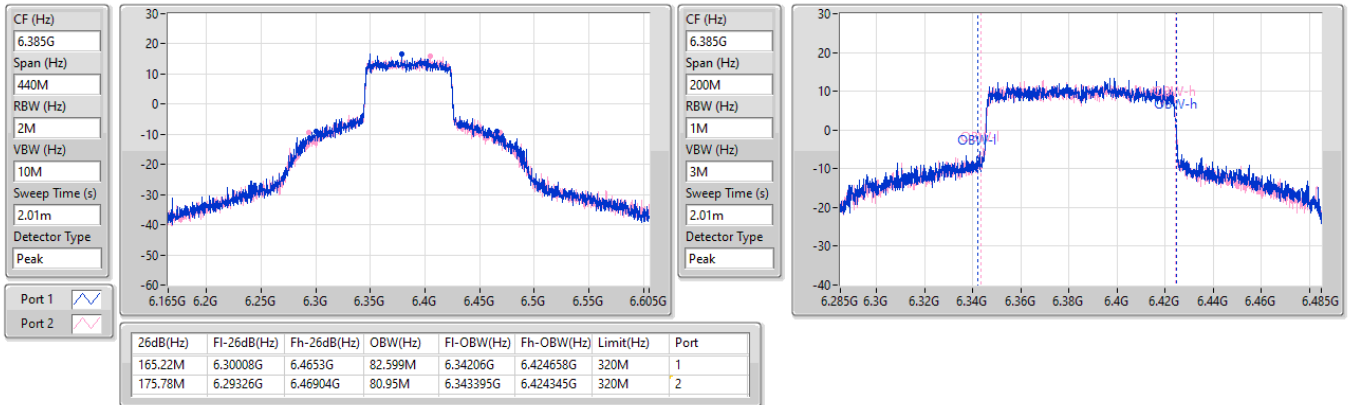

5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6225MHz

29/05/2026

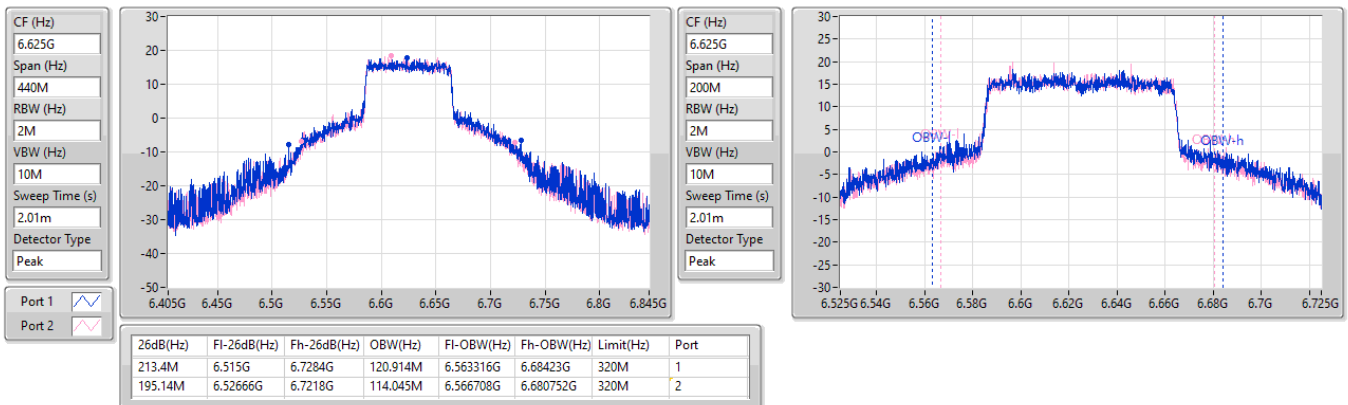


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6385MHz

29/05/2026

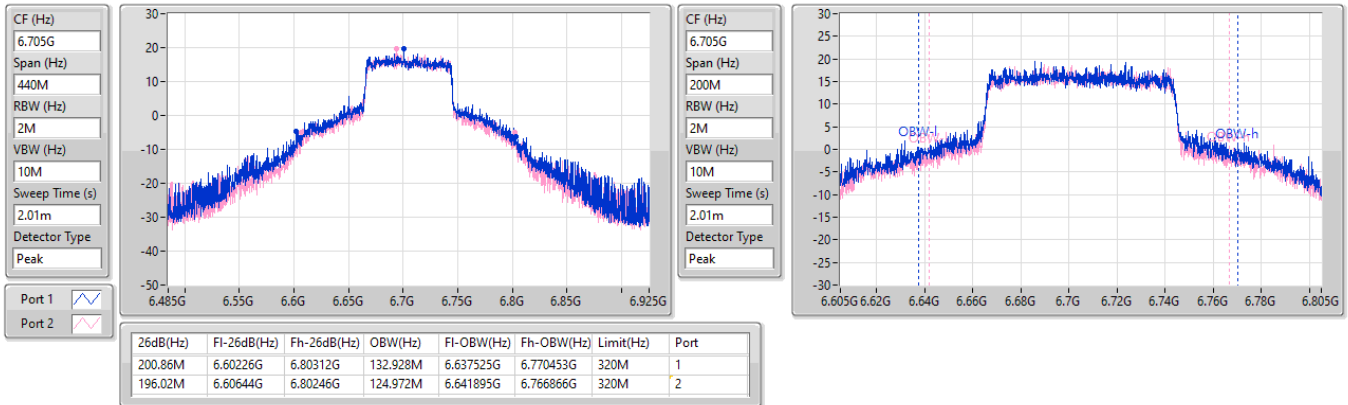

6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6625MHz

29/05/2026

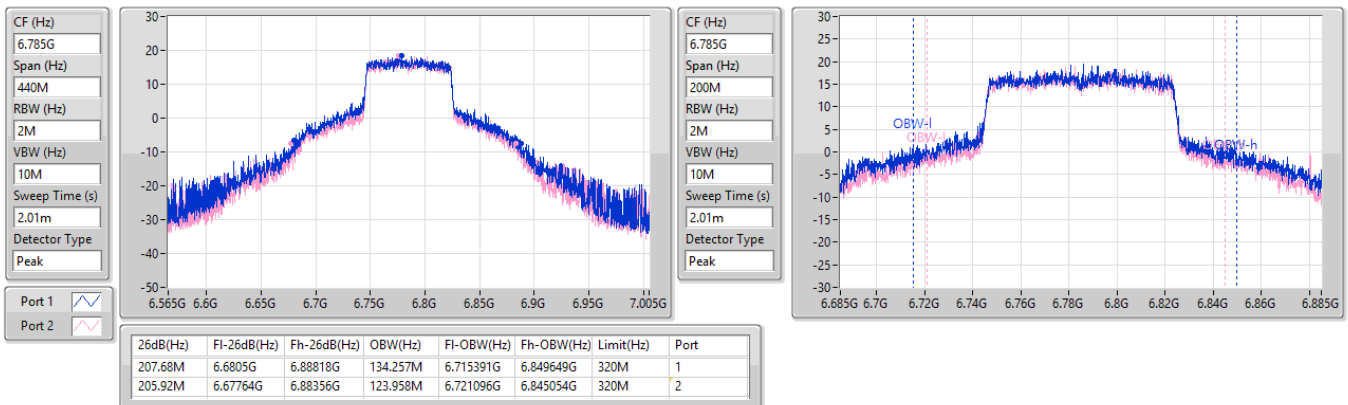


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6705MHz

29/05/2026

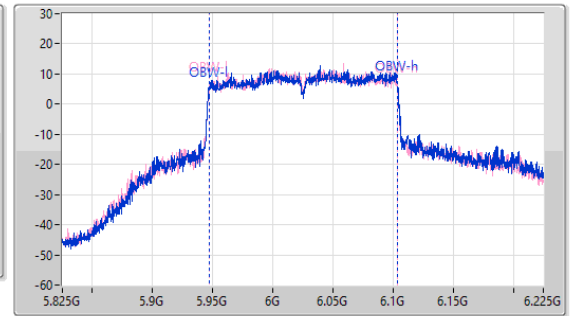
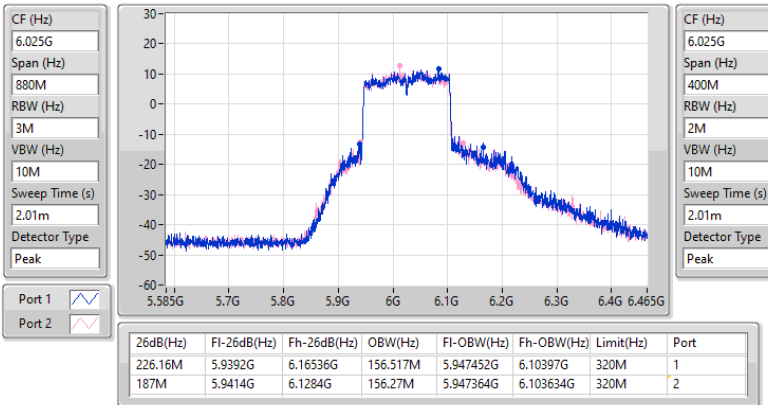

6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6785MHz

24/06/2026

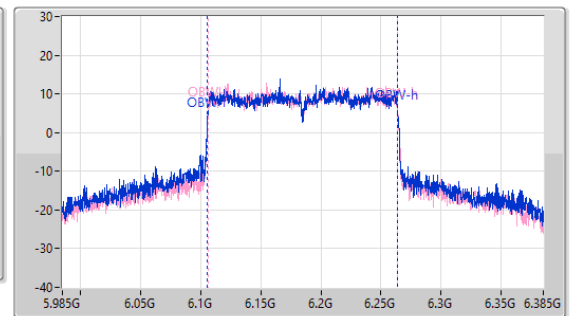
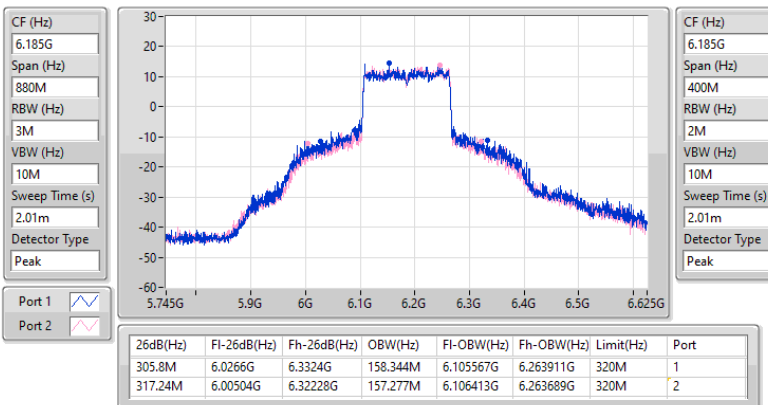


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6025MHz

29/05/2026

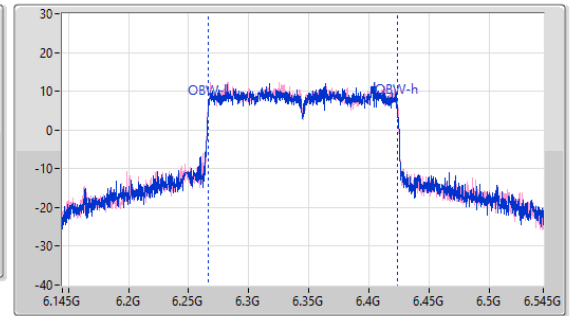
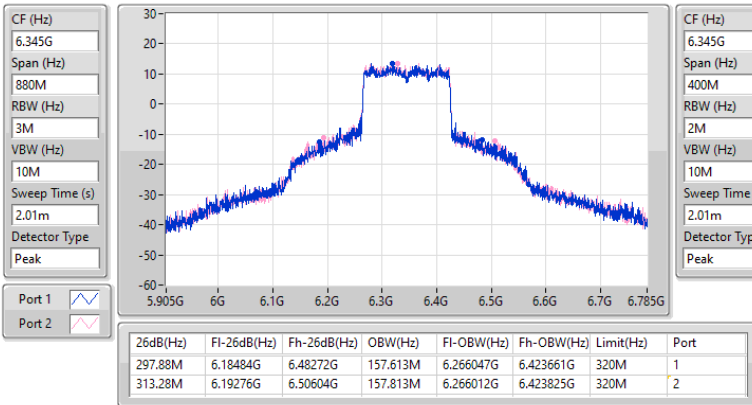

5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6185MHz

29/05/2026

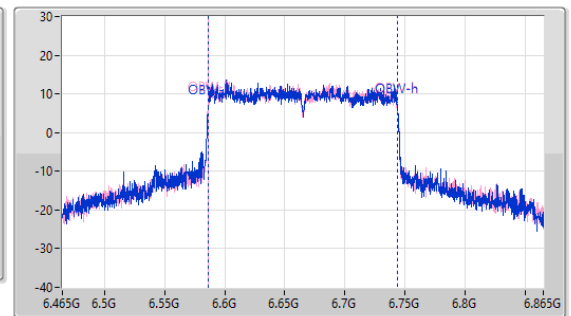
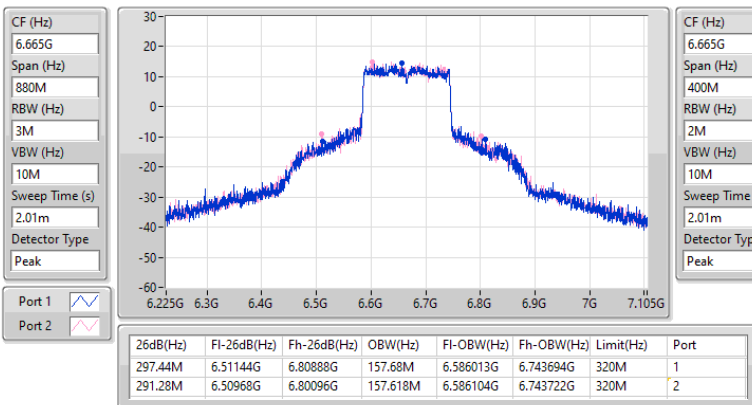


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6345MHz

29/05/2026

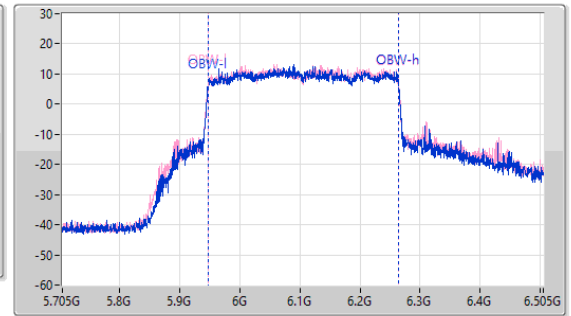
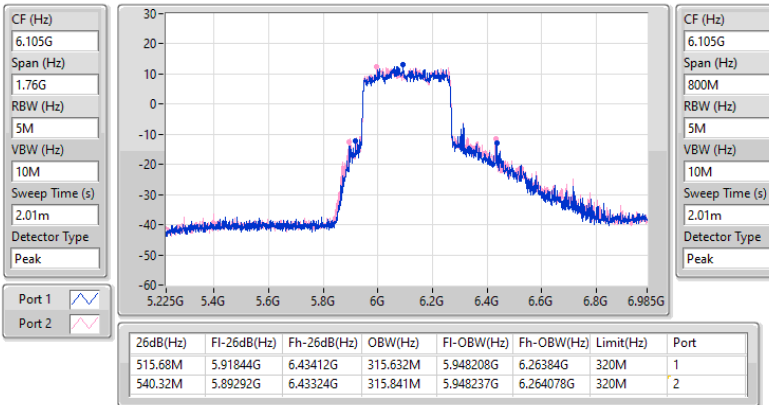

6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6665MHz

29/05/2026

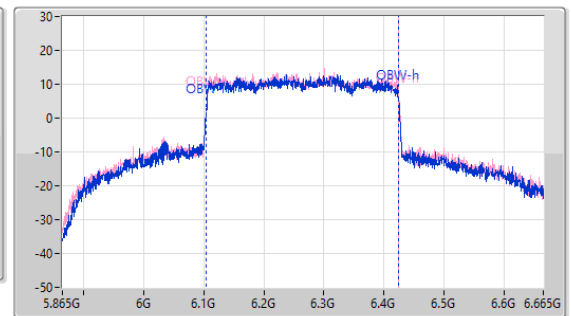
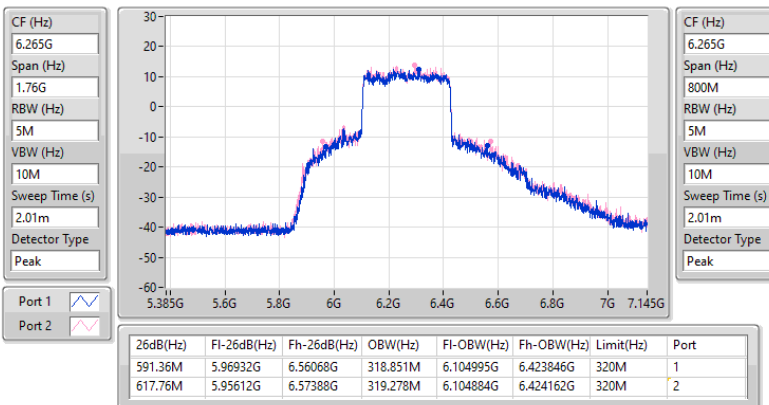


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX
EBW
6105MHz

29/05/2026


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX
EBW
6265MHz

29/05/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	43.065M	19.26M	19M3D1D	35.53M	19.131M
802.11be EHT20_Nss1,(MCS0)_2TX	38.665M	19.275M	19M3D1D	33M	19.049M
802.11be EHT20_Nss2,(MCS0)_2TX	44.605M	19.74M	19M7D1D	34.375M	19.126M
802.11be EHT40_Nss1,(MCS0)_1TX	45.21M	37.855M	37M9D1D	41.36M	37.805M
802.11be EHT40_Nss1,(MCS0)_2TX	44.66M	37.921M	37M9D1D	40.37M	37.761M
802.11be EHT40_Nss2,(MCS0)_2TX	52.03M	37.902M	37M9D1D	40.26M	37.768M
802.11be EHT80_Nss1,(MCS0)_1TX	97.68M	77.276M	77M3D1D	82.94M	77.239M
802.11be EHT80_Nss1,(MCS0)_2TX	84.7M	77.415M	77M4D1D	81.4M	77.223M
802.11be EHT80_Nss2,(MCS0)_2TX	92.84M	77.402M	77M4D1D	81.84M	77.22M
802.11be EHT160_Nss1,(MCS0)_1TX	165M	156.493M	156MD1D	163.24M	155.694M
802.11be EHT160_Nss1,(MCS0)_2TX	164.56M	156.485M	156MD1D	161.92M	155.516M
802.11be EHT160_Nss2,(MCS0)_2TX	165M	156.507M	157MD1D	162.8M	155.753M
802.11be EHT320_Nss1,(MCS0)_1TX	339.68M	315.472M	315MD1D	326.48M	314.408M
802.11be EHT320_Nss1,(MCS0)_2TX	325.6M	315.048M	315MD1D	324.72M	314.05M
802.11be EHT320_Nss2,(MCS0)_2TX	326.48M	315.222M	315MD1D	324.72M	313.859M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	44M	19.222M	19M2D1D	40.755M	19.087M
802.11be EHT20_Nss1,(MCS0)_2TX	45.87M	19.416M	19M4D1D	36.355M	19.134M
802.11be EHT20_Nss2,(MCS0)_2TX	46.64M	19.654M	19M7D1D	41.305M	19.141M
802.11be EHT40_Nss1,(MCS0)_1TX	41.14M	37.86M	37M9D1D	40.15M	37.781M
802.11be EHT40_Nss1,(MCS0)_2TX	45.76M	37.974M	38M0D1D	40.48M	37.795M
802.11be EHT40_Nss2,(MCS0)_2TX	45.43M	37.883M	37M9D1D	40.26M	37.747M
802.11be EHT80_Nss1,(MCS0)_1TX	85.58M	77.379M	77M4D1D	82.28M	77.26M
802.11be EHT80_Nss1,(MCS0)_2TX	84.92M	77.487M	77M5D1D	81.18M	77.259M
802.11be EHT80_Nss2,(MCS0)_2TX	87.34M	77.369M	77M4D1D	82.28M	77.259M
802.11be EHT160_Nss1,(MCS0)_1TX	162.8M	156.173M	156MD1D	162.8M	156.173M
802.11be EHT160_Nss1,(MCS0)_2TX	163.68M	156.194M	156MD1D	162.8M	156.123M
802.11be EHT160_Nss2,(MCS0)_2TX	162.36M	156.242M	156MD1D	161.92M	156.137M

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

Result

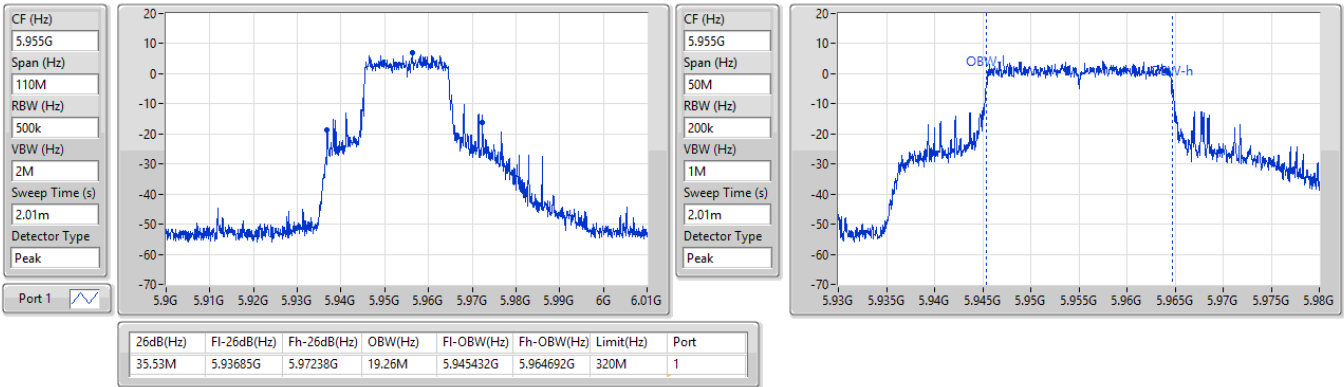
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	320M	35.53M	19.26M		
6195MHz	Pass	320M	37.62M	19.171M		
6415MHz	Pass	320M	43.065M	19.131M		
6535MHz	Pass	320M	41.415M	19.087M		
6695MHz	Pass	320M	40.755M	19.131M		
6855MHz	Pass	320M	44M	19.222M		
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5965MHz	Pass	320M	42.9M	37.855M		
6205MHz	Pass	320M	45.21M	37.805M		
6405MHz	Pass	320M	41.36M	37.827M		
6565MHz	Pass	320M	40.81M	37.833M		
6685MHz	Pass	320M	40.15M	37.781M		
6845MHz	Pass	320M	41.14M	37.86M		
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5985MHz	Pass	320M	97.68M	77.276M		
6225MHz	Pass	320M	82.94M	77.248M		
6385MHz	Pass	320M	88.66M	77.239M		
6625MHz	Pass	320M	83.6M	77.322M		
6705MHz	Pass	320M	82.28M	77.379M		
6785MHz	Pass	320M	85.58M	77.26M		
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6025MHz	Pass	320M	165M	155.694M		
6185MHz	Pass	320M	163.24M	156.493M		
6345MHz	Pass	320M	163.24M	156.086M		
6665MHz	Pass	320M	162.8M	156.173M		
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6105MHz	Pass	320M	326.48M	314.408M		
6265MHz	Pass	320M	339.68M	315.472M		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	33.33M	19.129M	35.915M	19.158M
6195MHz	Pass	320M	33M	19.049M	38.665M	19.118M
6415MHz	Pass	320M	35.915M	19.123M	36.96M	19.275M
6535MHz	Pass	320M	43.45M	19.134M	45.87M	19.416M
6695MHz	Pass	320M	45.43M	19.138M	42.955M	19.378M
6855MHz	Pass	320M	41.965M	19.142M	36.355M	19.147M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	44.66M	37.838M	40.92M	37.917M
6205MHz	Pass	320M	42.46M	37.791M	40.92M	37.921M
6405MHz	Pass	320M	41.47M	37.793M	40.37M	37.761M
6565MHz	Pass	320M	40.59M	37.806M	41.36M	37.907M
6685MHz	Pass	320M	41.58M	37.795M	40.48M	37.852M
6845MHz	Pass	320M	41.25M	37.851M	45.76M	37.974M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	84.7M	77.289M	81.4M	77.232M
6225MHz	Pass	320M	81.84M	77.415M	82.28M	77.223M
6385MHz	Pass	320M	84.04M	77.287M	83.6M	77.321M
6625MHz	Pass	320M	84.92M	77.377M	83.82M	77.487M
6705MHz	Pass	320M	84.26M	77.315M	81.4M	77.379M
6785MHz	Pass	320M	81.18M	77.277M	81.62M	77.259M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	162.8M	156.046M	162.8M	155.516M
6185MHz	Pass	320M	164.56M	156.485M	163.24M	156.237M
6345MHz	Pass	320M	161.92M	156.078M	163.24M	156.189M
6665MHz	Pass	320M	162.8M	156.123M	163.68M	156.194M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT320_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	324.72M	314.05M	325.6M	314.088M
6265MHz	Pass	320M	324.72M	315.048M	324.72M	314.696M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	320M	34.375M	19.27M	38.5M	19.74M
6195MHz	Pass	320M	38.17M	19.126M	44.55M	19.379M
6415MHz	Pass	320M	44.605M	19.258M	43.01M	19.279M
6535MHz	Pass	320M	45.54M	19.141M	41.305M	19.654M
6695MHz	Pass	320M	41.58M	19.175M	45.925M	19.381M
6855MHz	Pass	320M	46.64M	19.251M	43.175M	19.26M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	320M	52.03M	37.902M	41.14M	37.887M
6205MHz	Pass	320M	43.78M	37.768M	40.37M	37.778M
6405MHz	Pass	320M	42.68M	37.809M	40.26M	37.787M
6565MHz	Pass	320M	40.26M	37.883M	41.14M	37.833M
6685MHz	Pass	320M	45.43M	37.847M	40.92M	37.747M
6845MHz	Pass	320M	42.35M	37.882M	41.47M	37.841M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	320M	85.14M	77.22M	92.84M	77.325M
6225MHz	Pass	320M	81.84M	77.402M	86.9M	77.304M
6385MHz	Pass	320M	83.6M	77.279M	82.5M	77.358M
6625MHz	Pass	320M	82.72M	77.348M	87.34M	77.369M
6705MHz	Pass	320M	82.28M	77.357M	84.26M	77.358M
6785MHz	Pass	320M	82.28M	77.298M	82.28M	77.259M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	320M	162.8M	156.032M	162.8M	155.753M
6185MHz	Pass	320M	165M	156.49M	162.8M	156.42M
6345MHz	Pass	320M	163.68M	156.191M	163.24M	156.507M
6665MHz	Pass	320M	162.36M	156.137M	161.92M	156.242M
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-
6105MHz	Pass	320M	325.6M	314.587M	325.6M	313.859M
6265MHz	Pass	320M	326.48M	315.222M	324.72M	314.607M

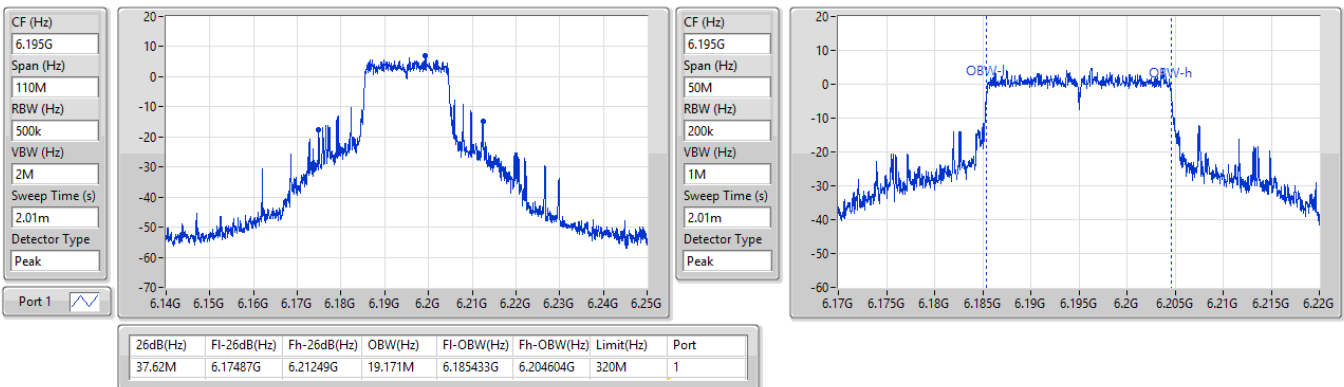
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

29/05/2026

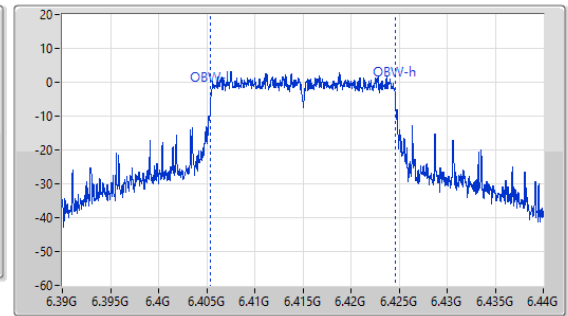
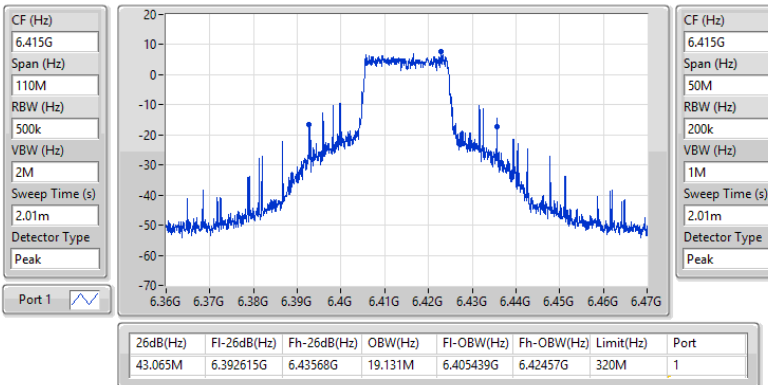

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6195MHz

29/05/2026

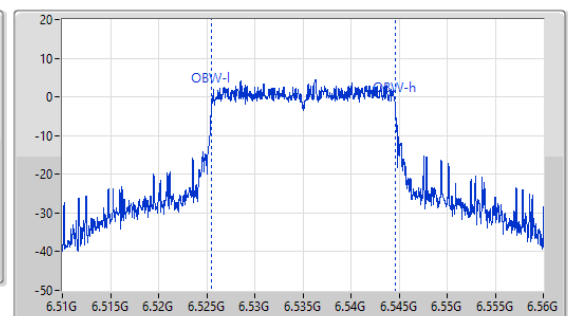
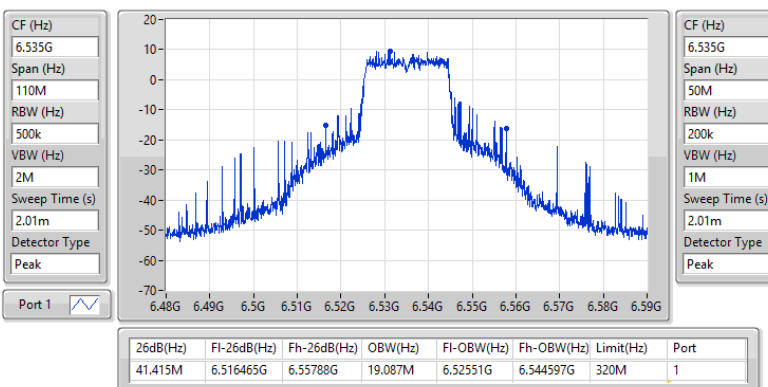


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6415MHz

29/05/2026

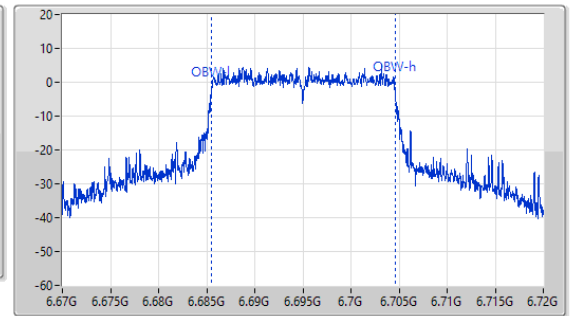
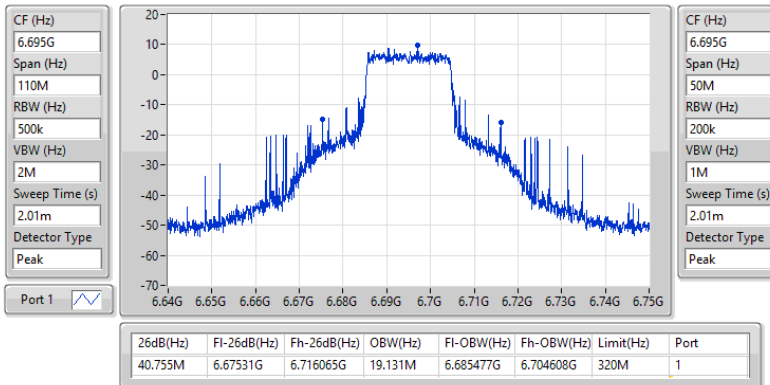

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6535MHz

29/05/2026

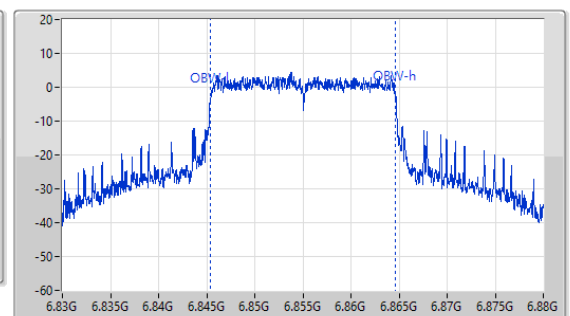
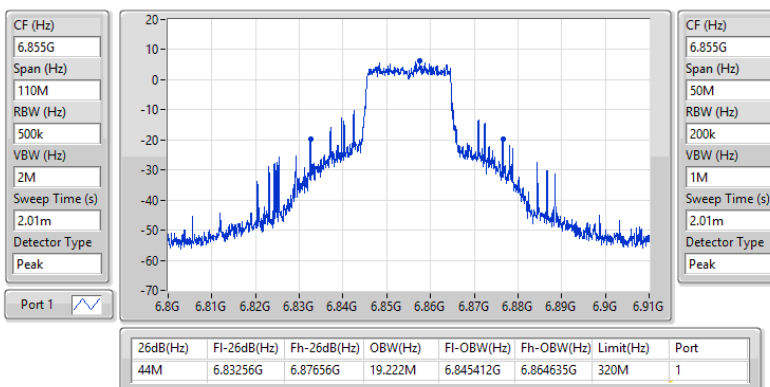


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

29/05/2026

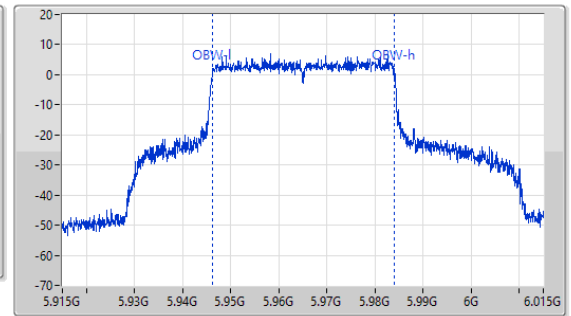
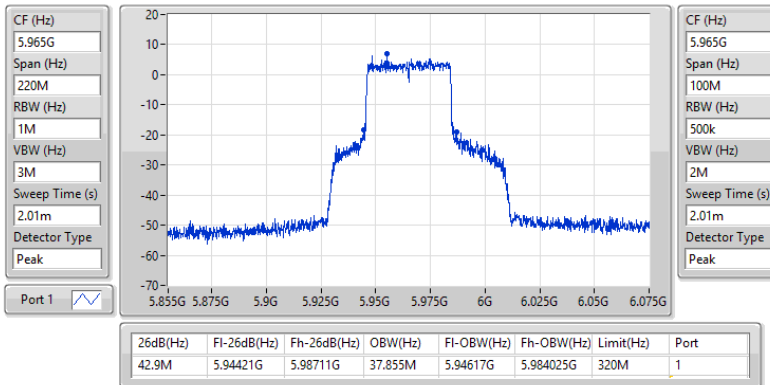

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

29/05/2026

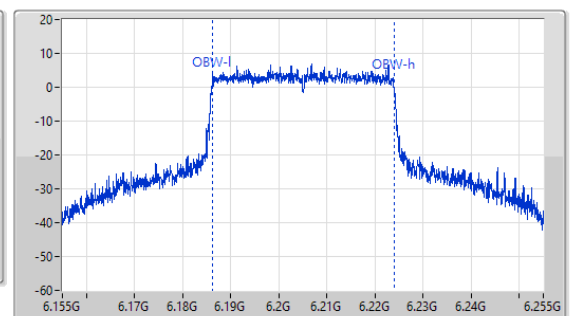
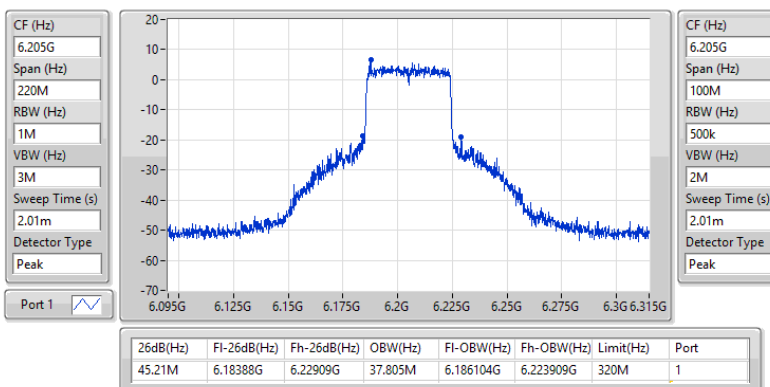


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5965MHz

29/05/2026

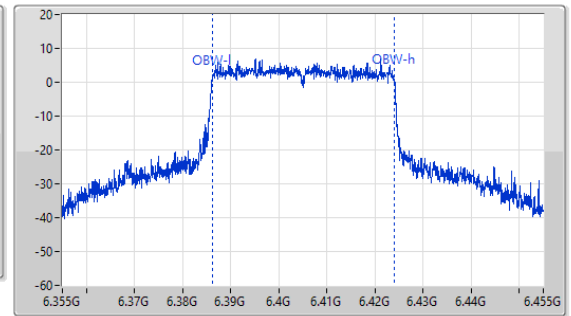
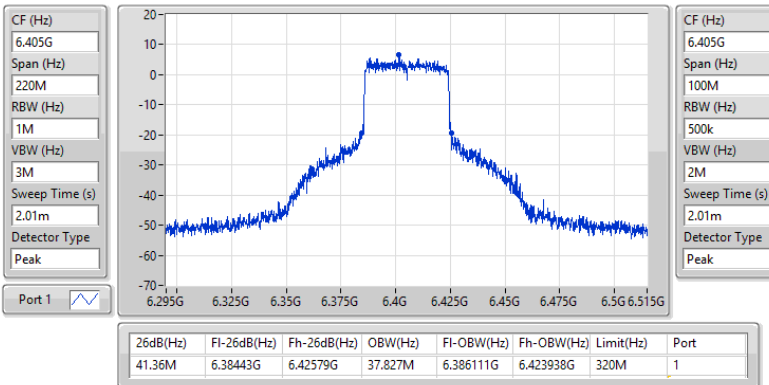

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6205MHz

29/05/2026

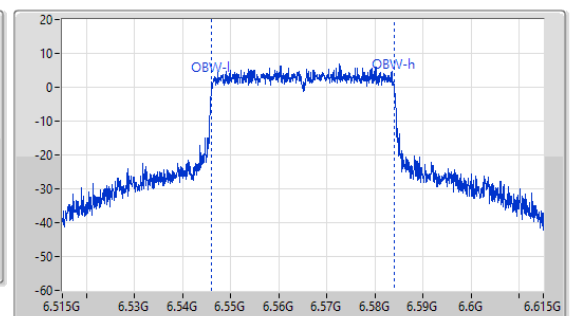
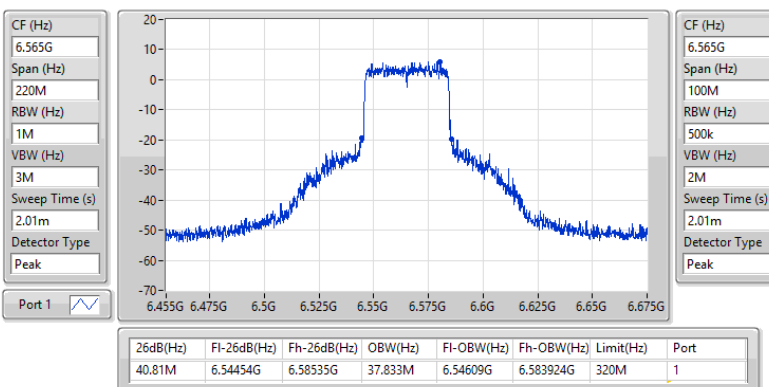


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6405MHz

29/05/2026

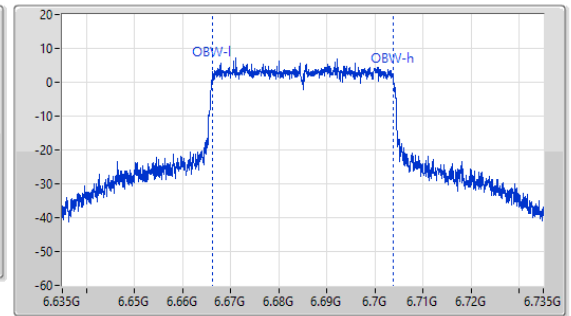
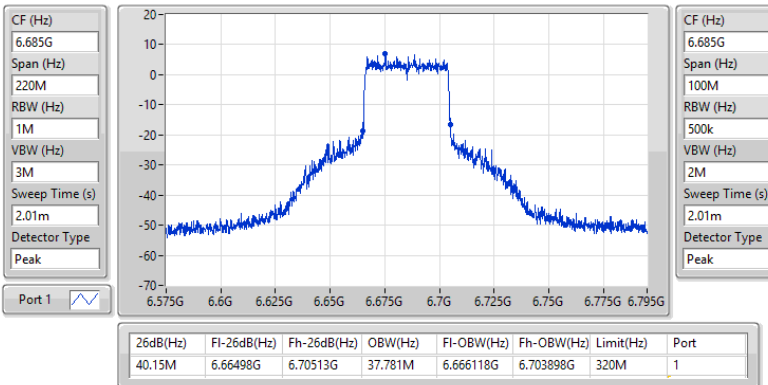

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6565MHz

30/05/2026

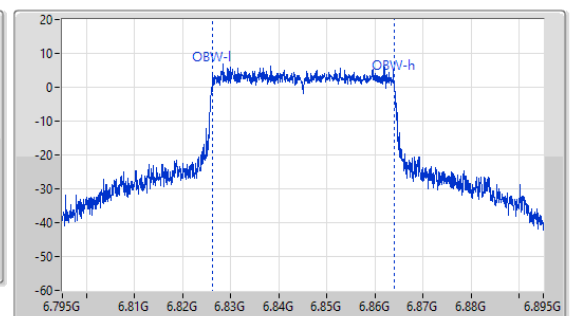
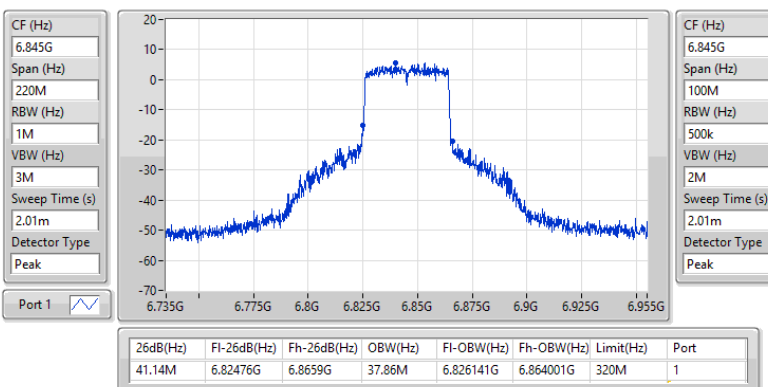


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

30/05/2026

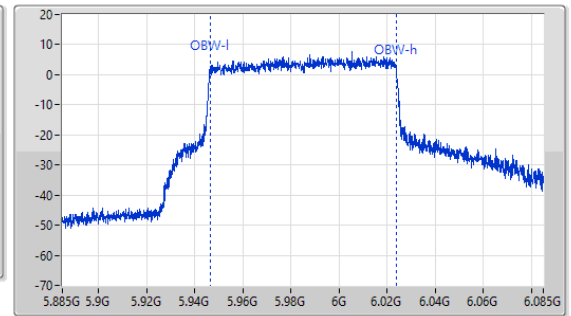
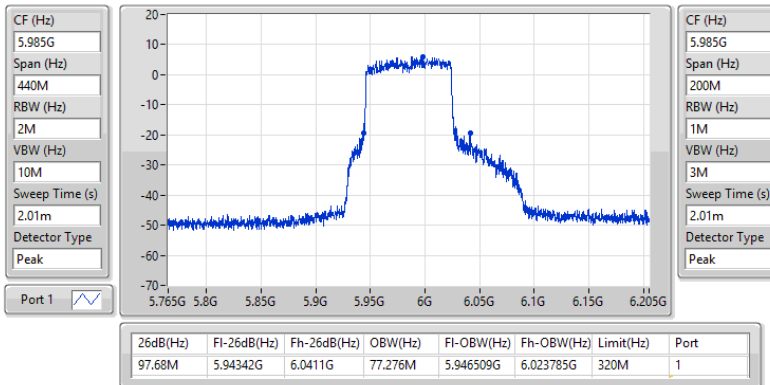

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

30/05/2026

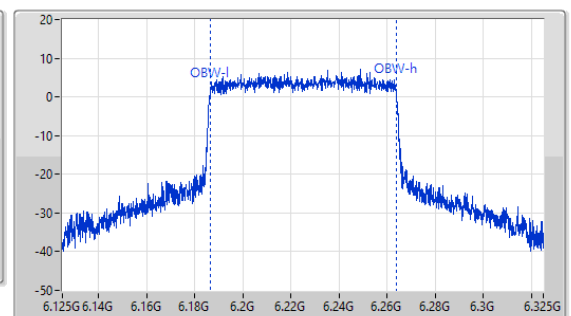
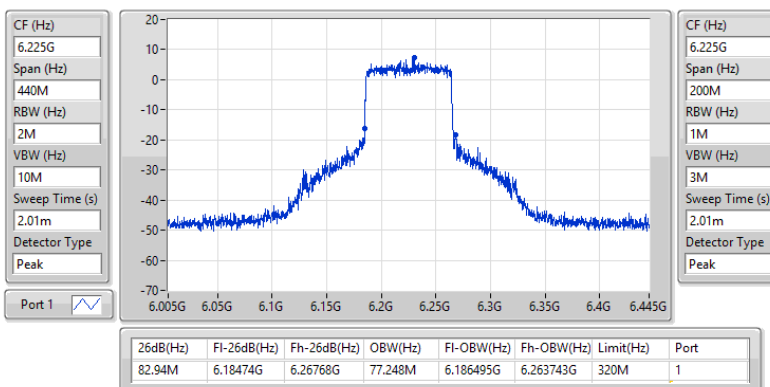


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5985MHz

30/05/2026

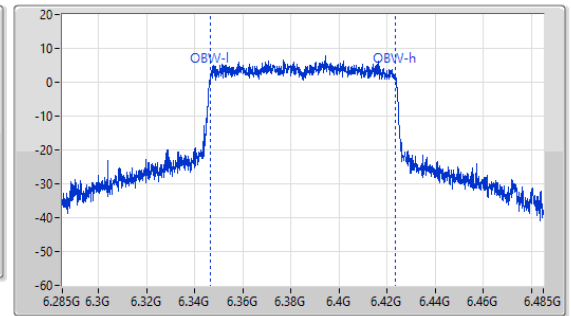
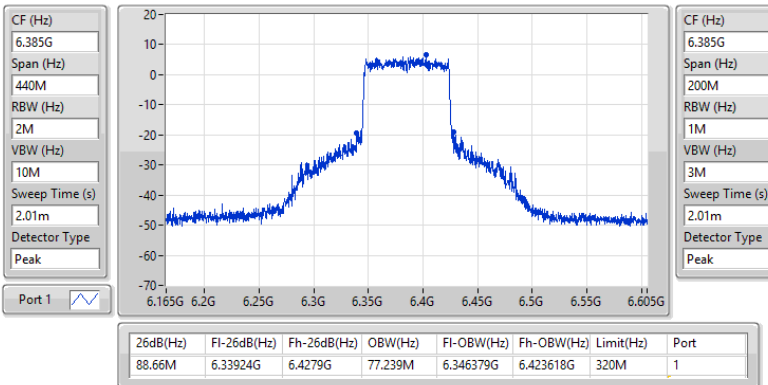

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6225MHz

30/05/2026

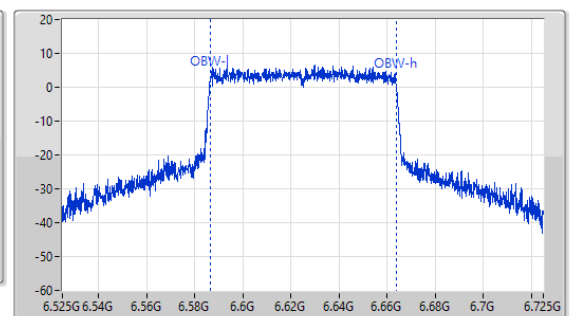
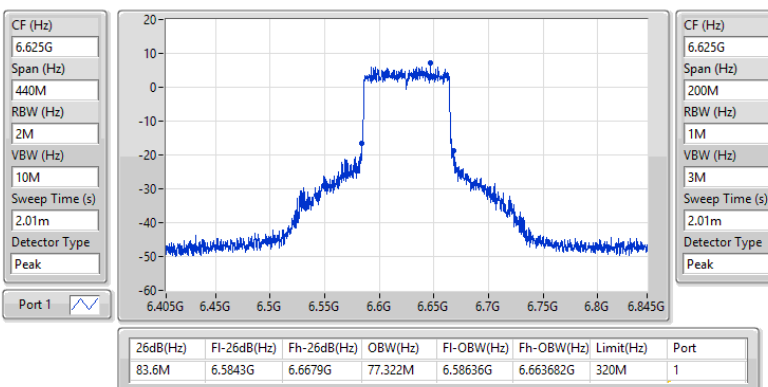


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6385MHz

30/05/2026

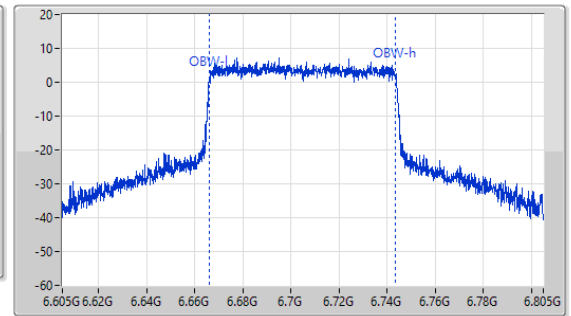
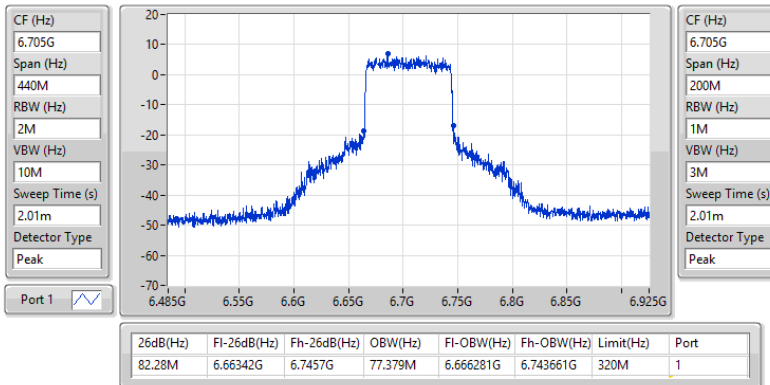

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

30/05/2026

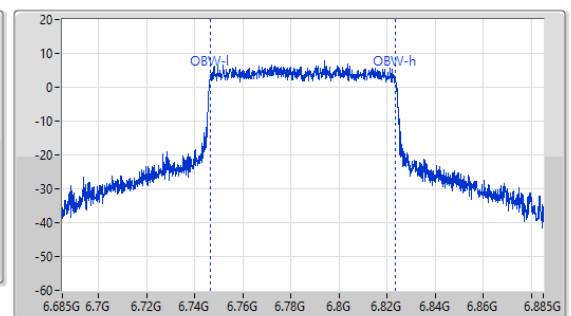
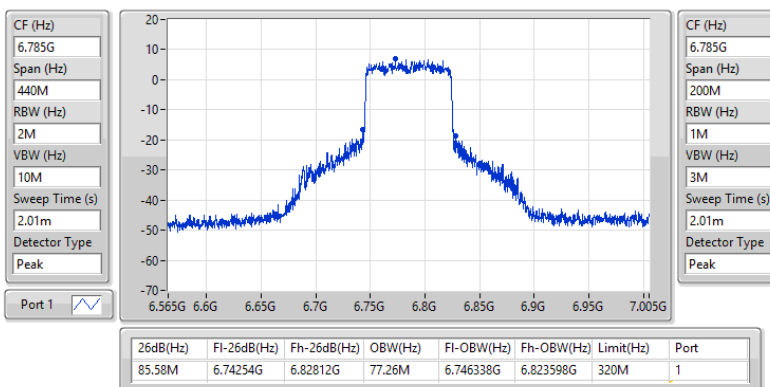


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

30/05/2026

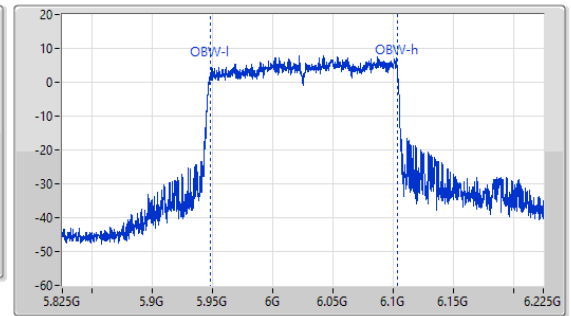
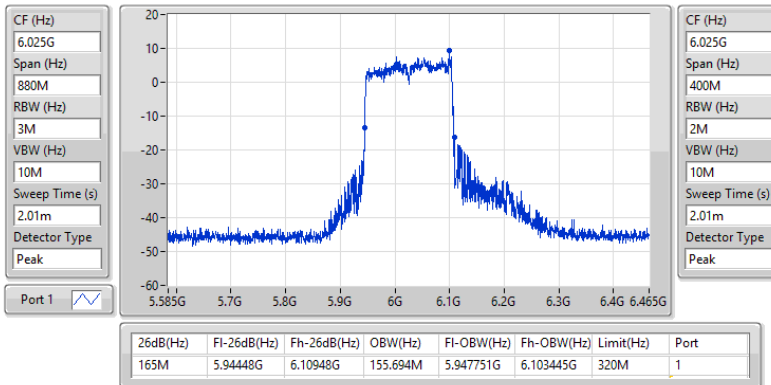

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

24/06/2026

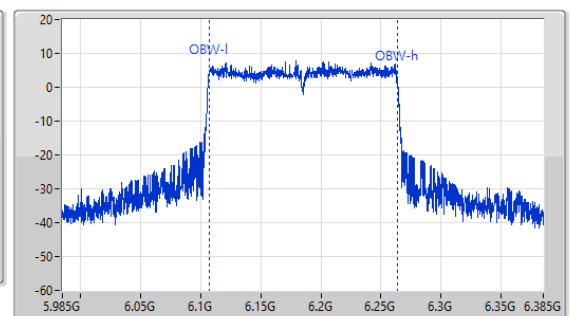
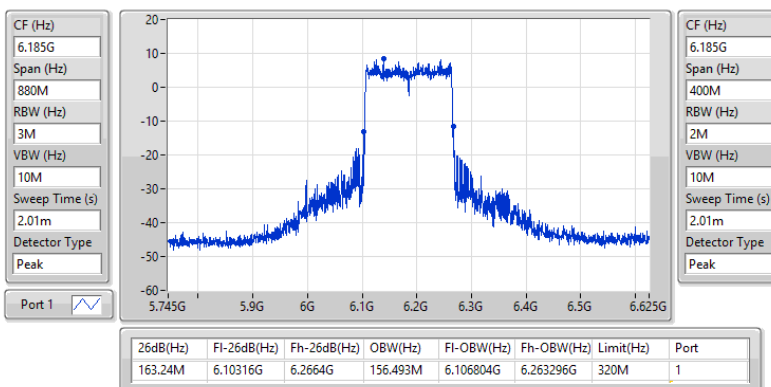


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6025MHz

30/05/2026

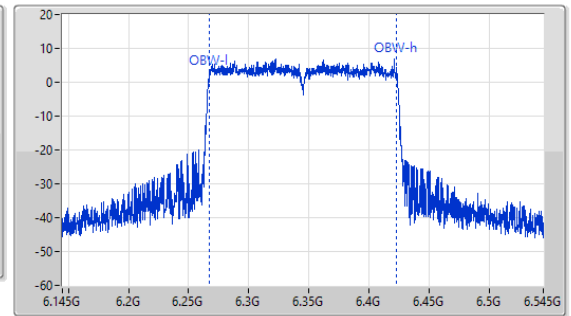
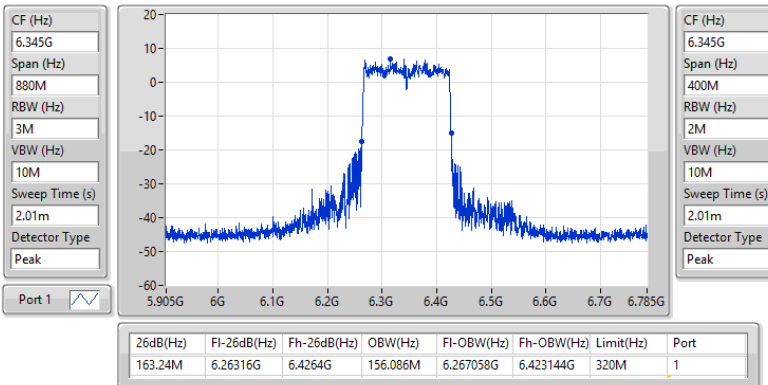

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6185MHz

30/05/2026

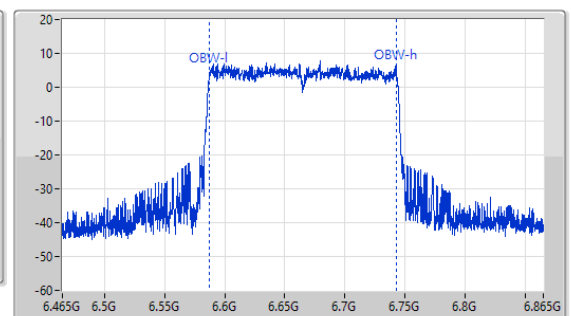
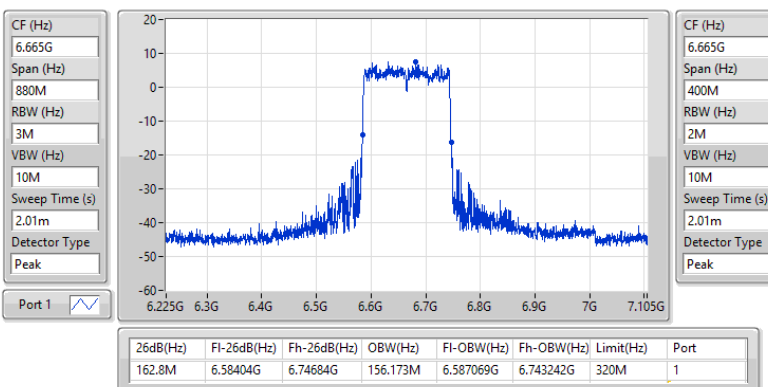


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6345MHz

30/05/2026

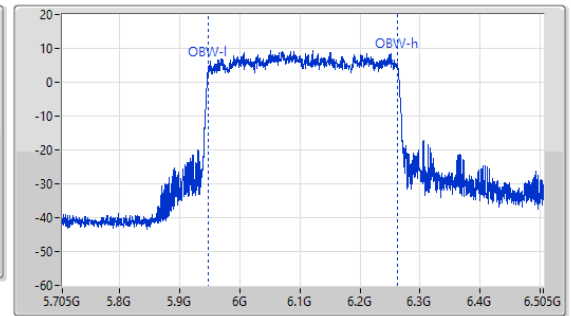
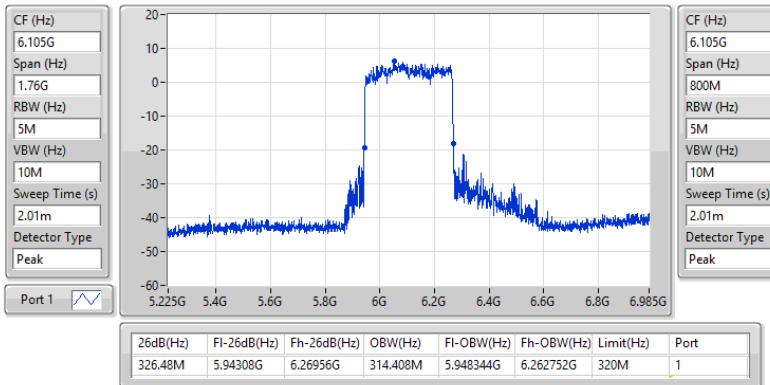

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6665MHz

30/05/2026

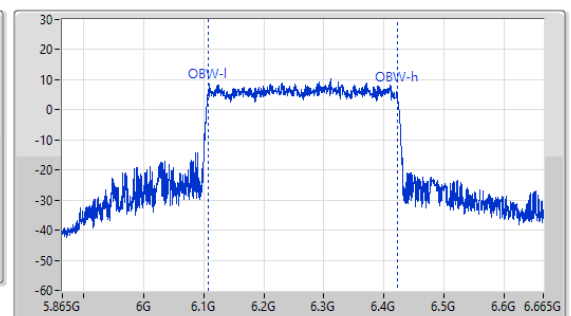
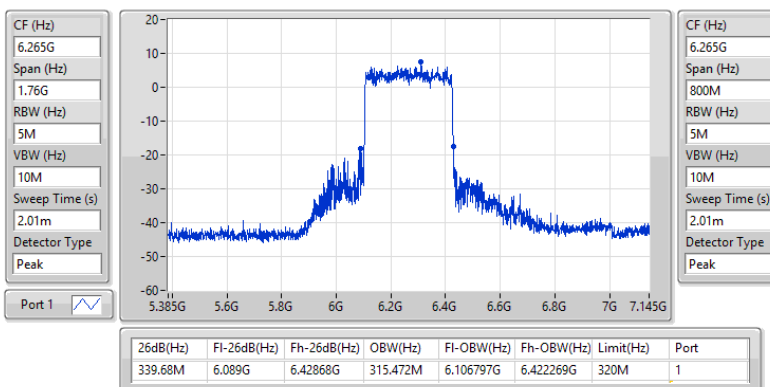


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX
EBW
6105MHz

30/05/2026


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

30/05/2026

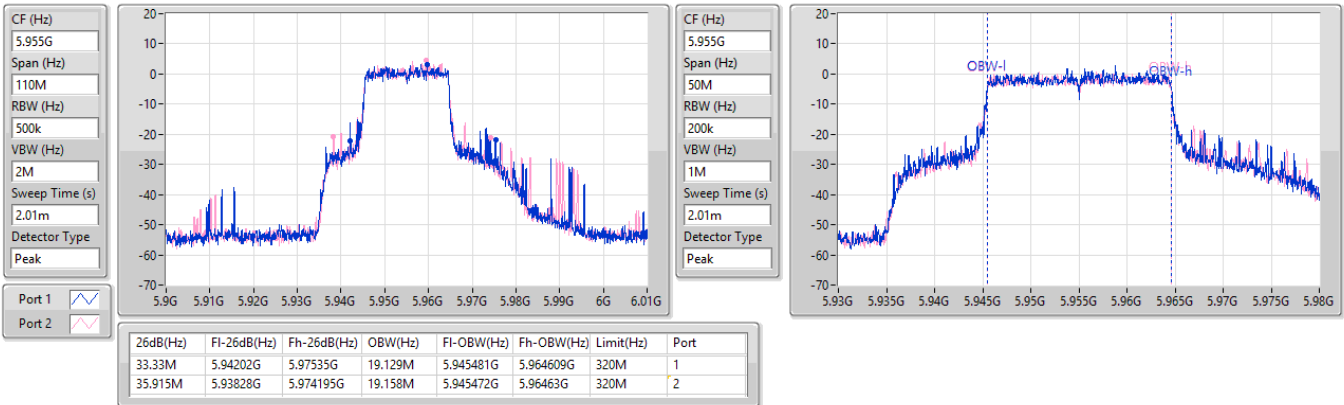


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5955MHz

30/05/2026

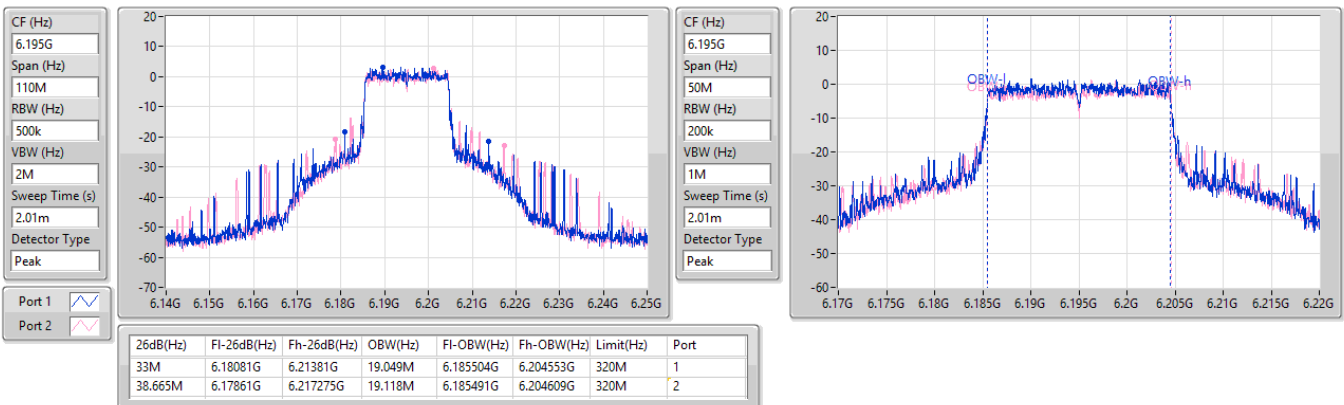


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

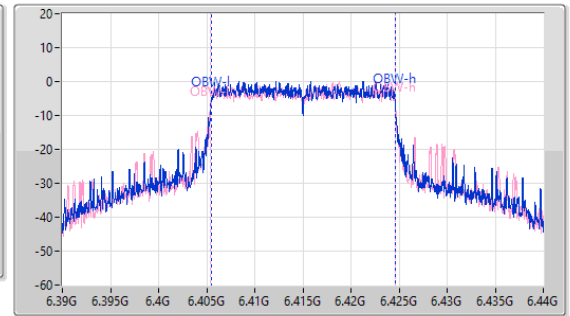
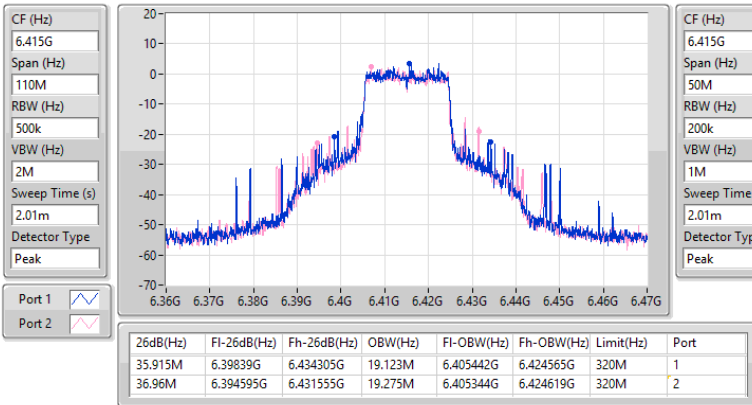
6195MHz

30/05/2026

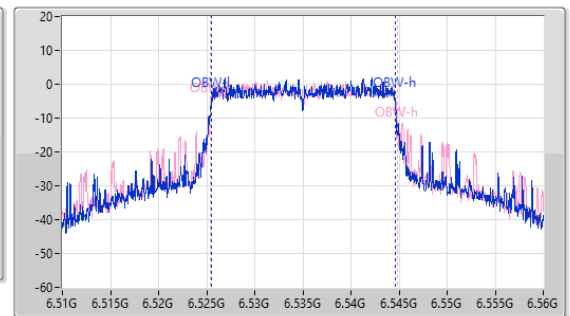
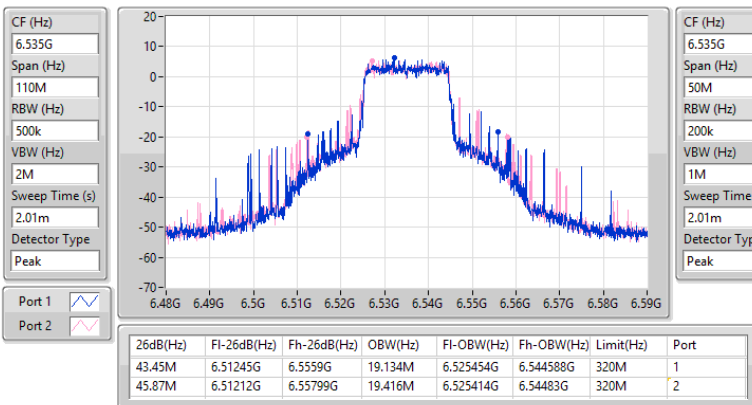


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6415MHz

30/05/2026

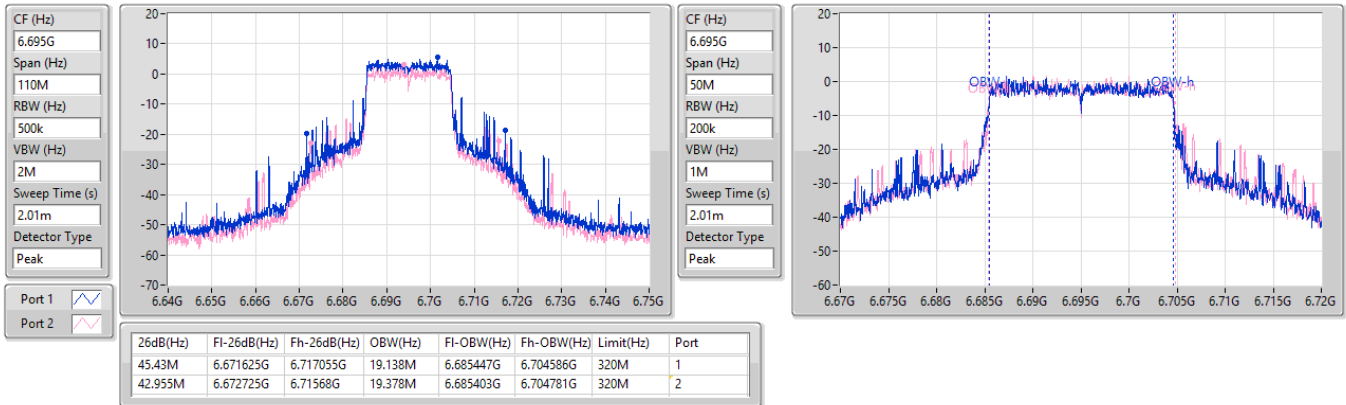

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6535MHz

30/05/2026

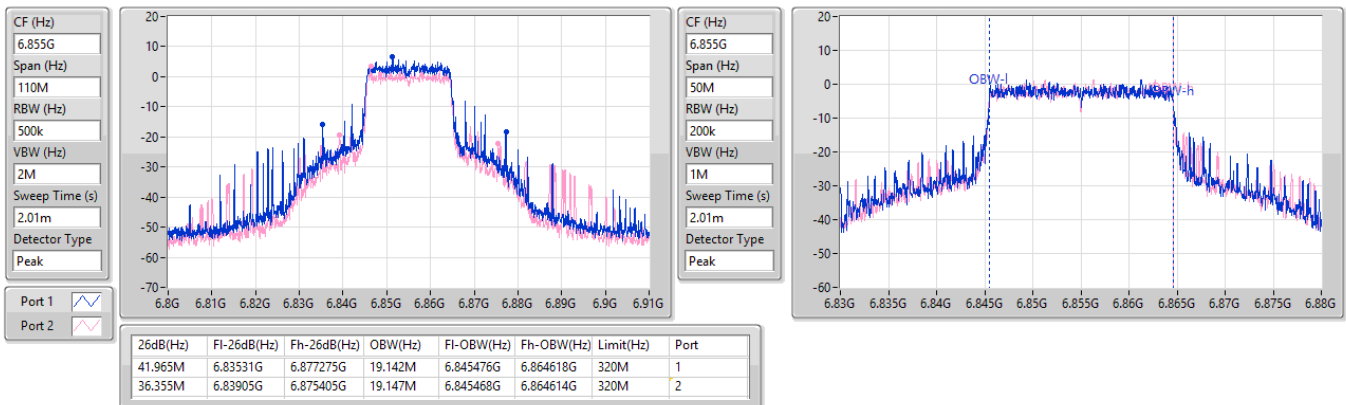


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6695MHz

30/05/2026

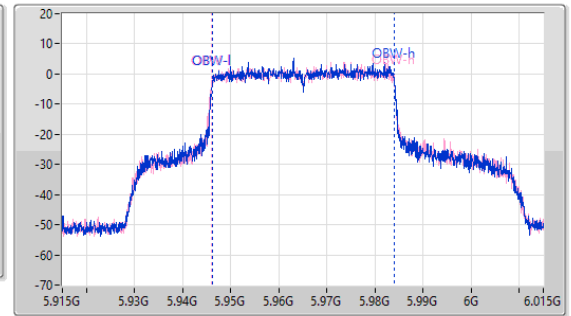
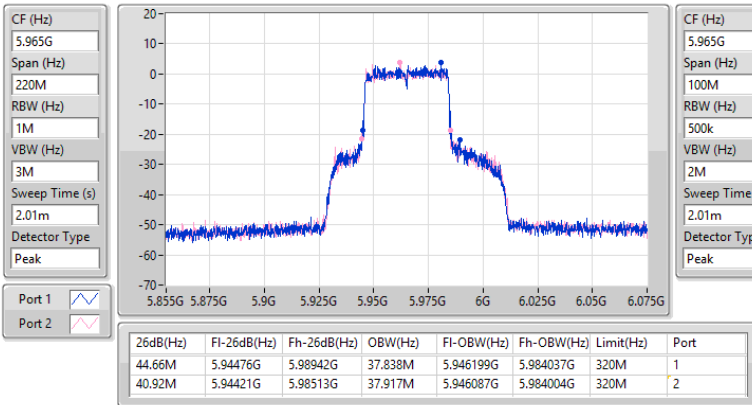

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
6855MHz

30/05/2026

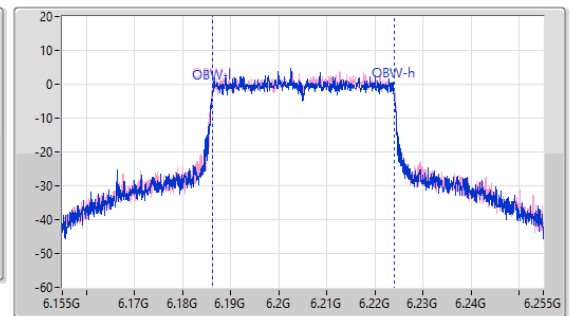
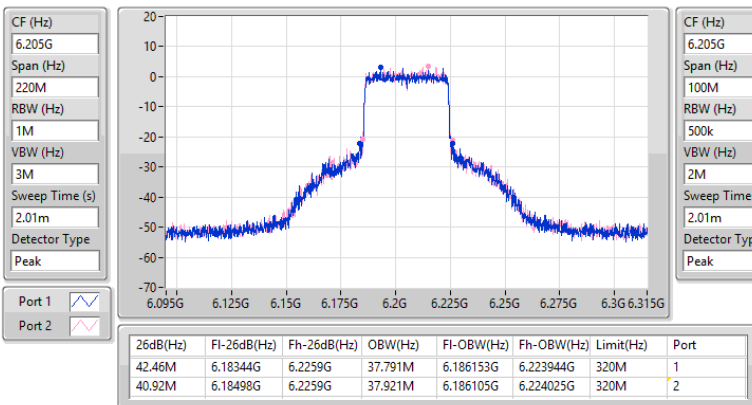


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5965MHz

30/05/2026

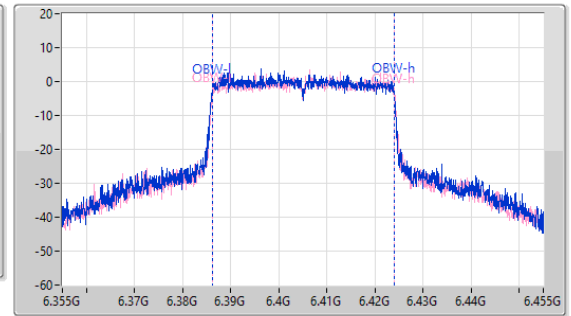
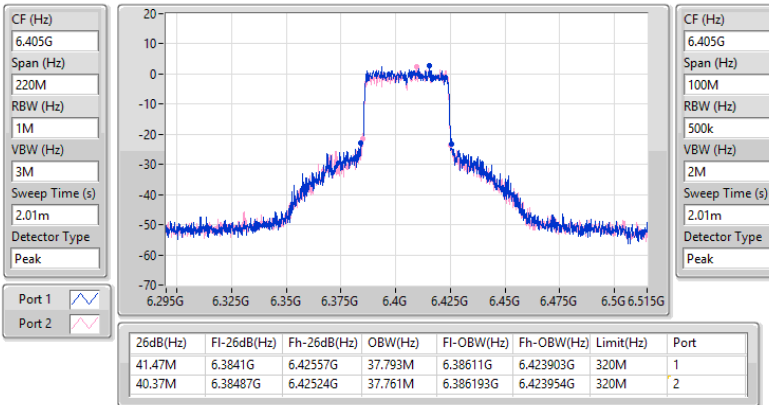

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6205MHz

30/05/2026

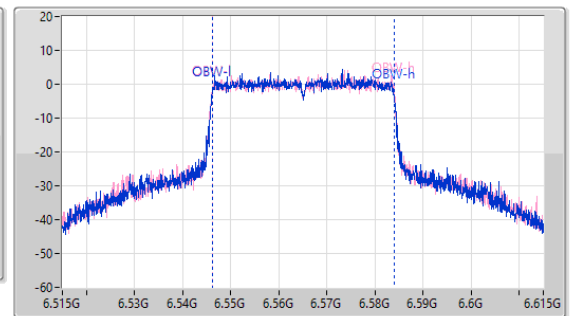
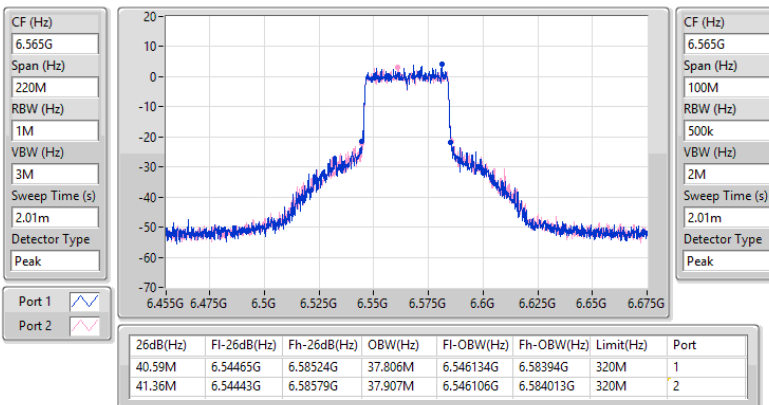


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6405MHz

30/05/2026

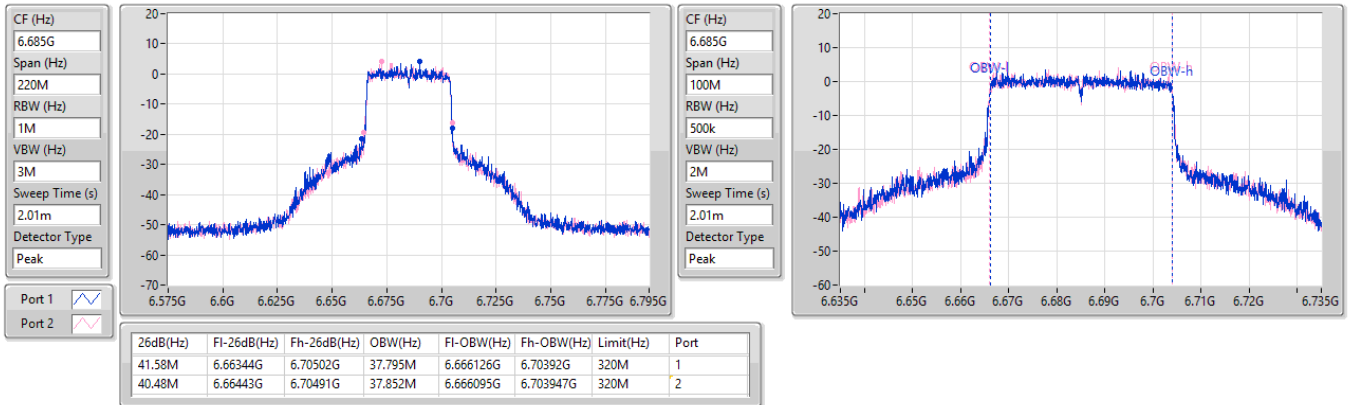

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6565MHz

30/05/2026

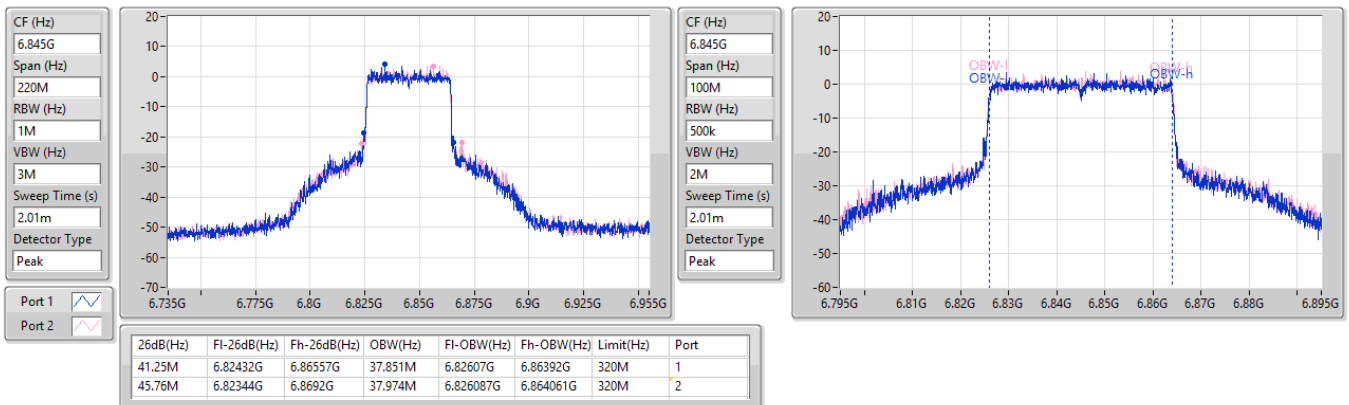


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6685MHz

30/05/2026

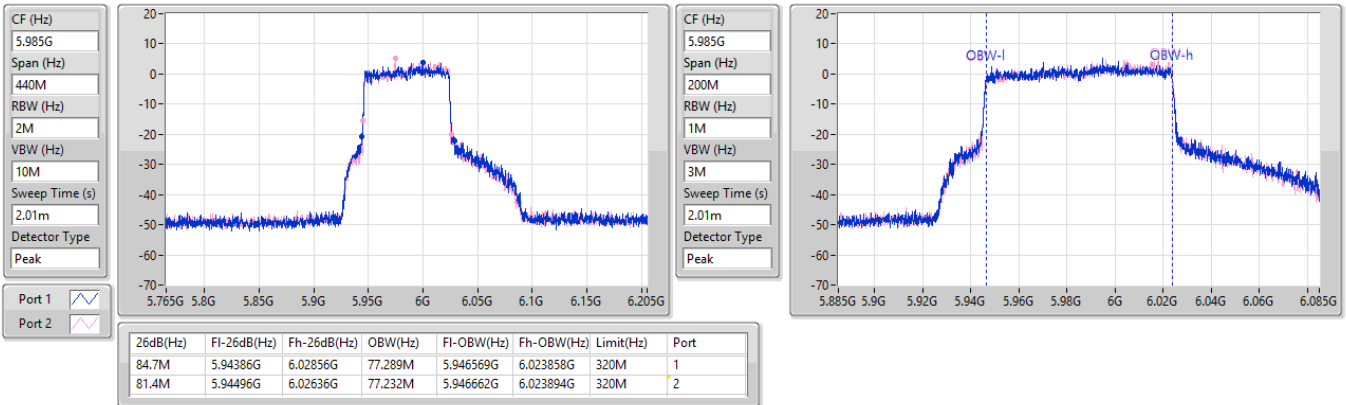

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
6845MHz

30/05/2026

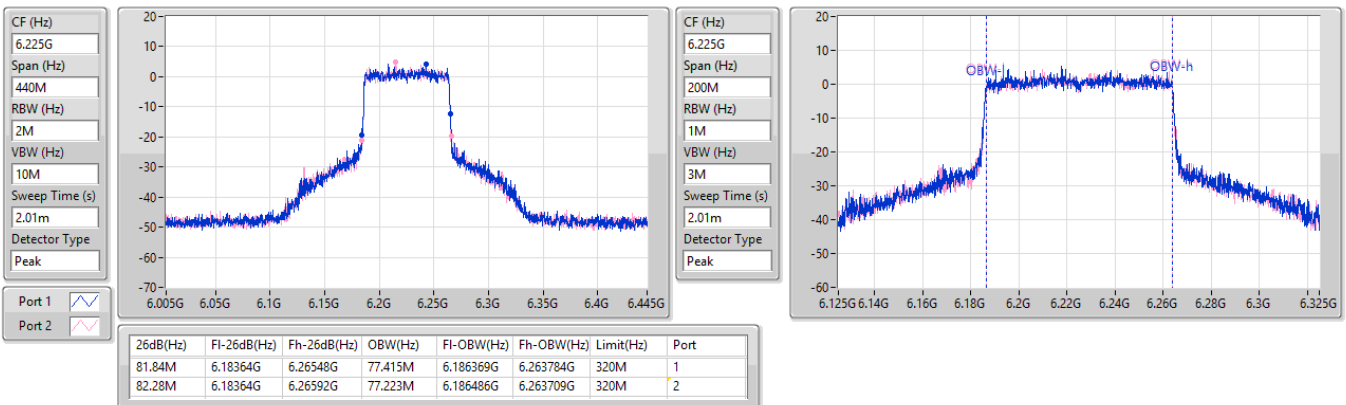


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5985MHz

30/05/2026

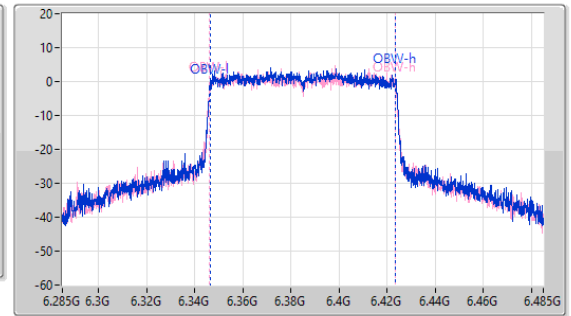
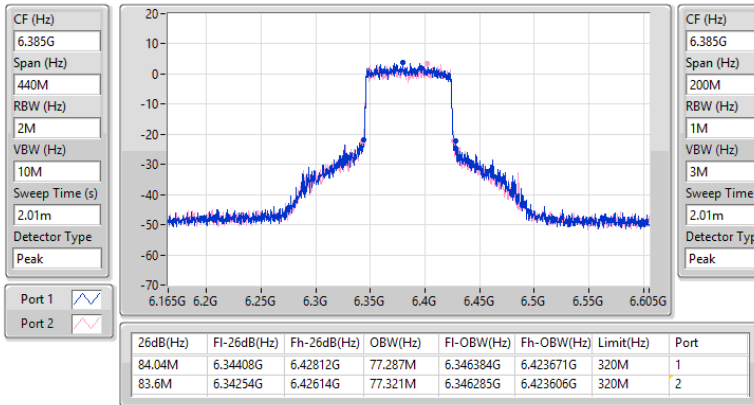

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6225MHz

30/05/2026

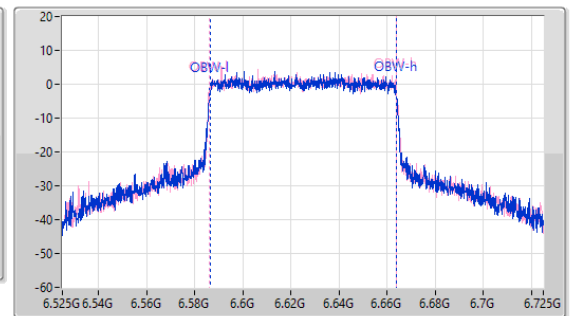
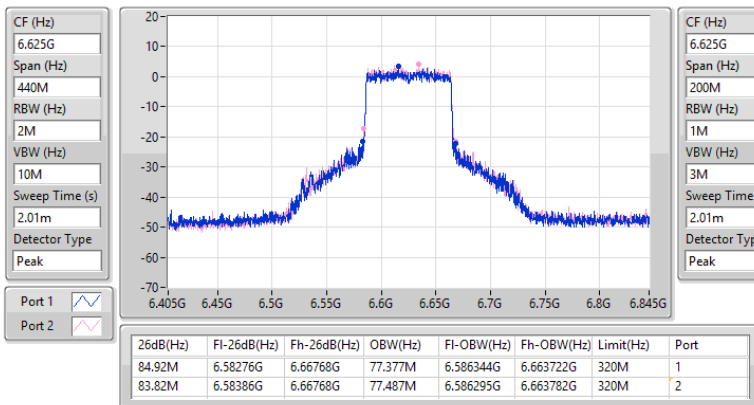


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
6385MHz

30/05/2026


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

30/05/2026

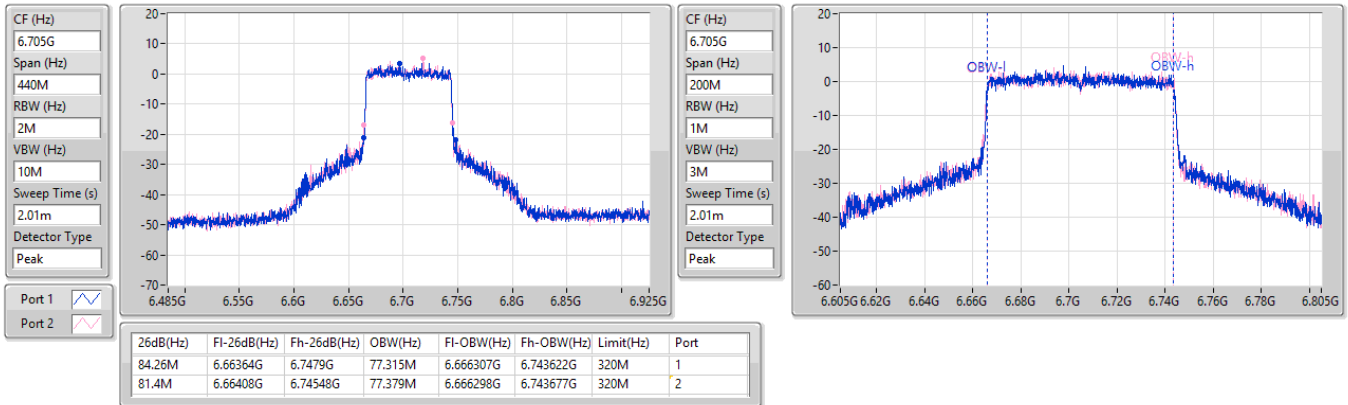


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

6705MHz

30/05/2026

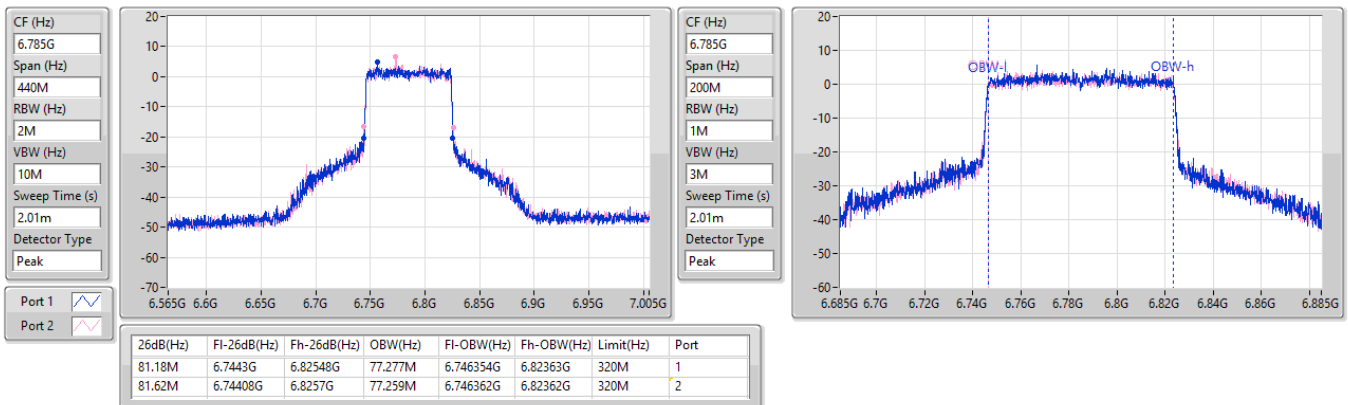


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

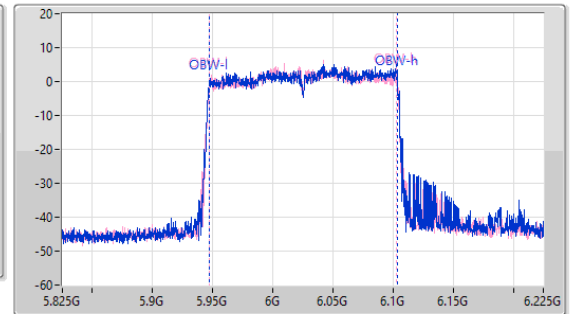
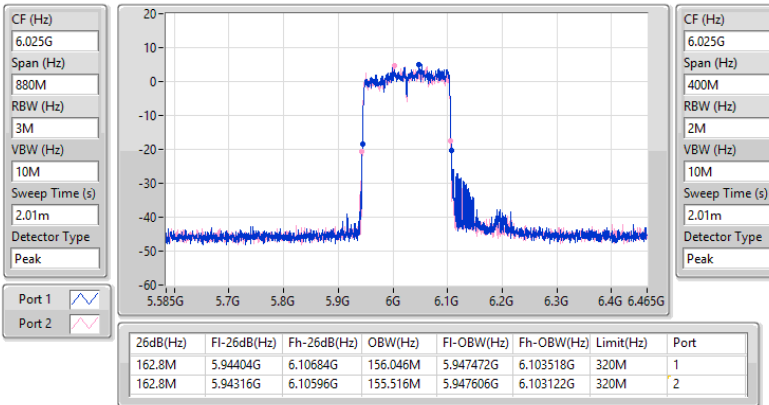
6785MHz

24/06/2026

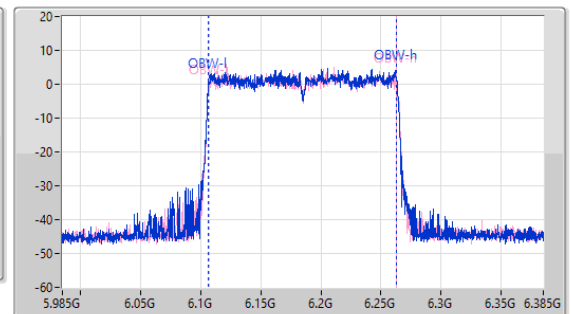
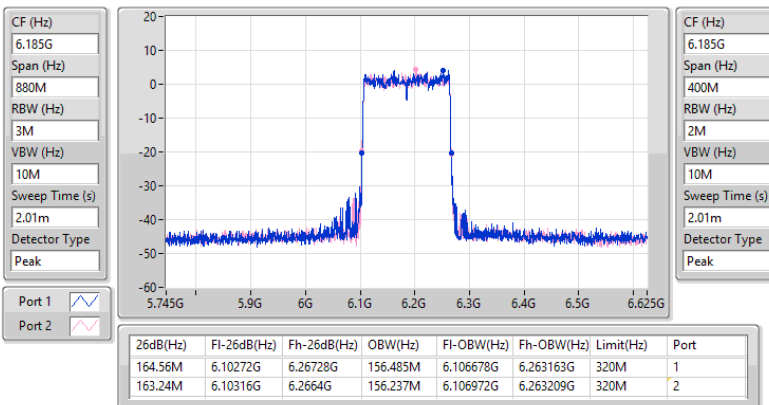


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6025MHz

30/05/2026

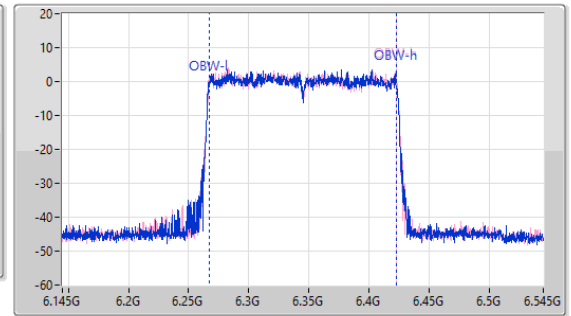
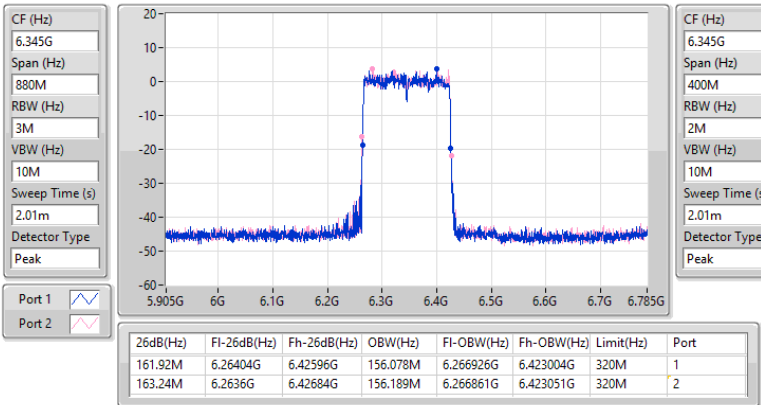

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6185MHz

30/05/2026

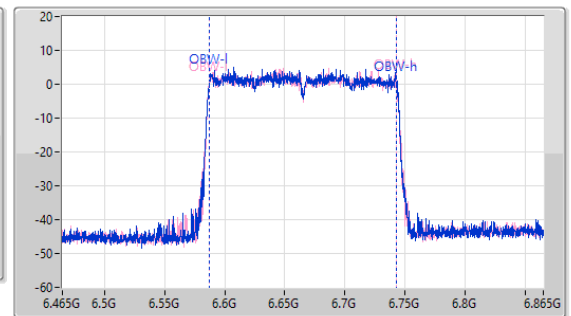
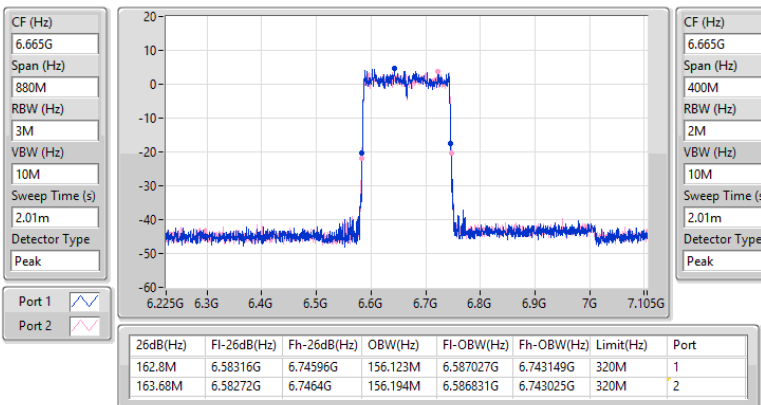


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6345MHz

30/05/2026

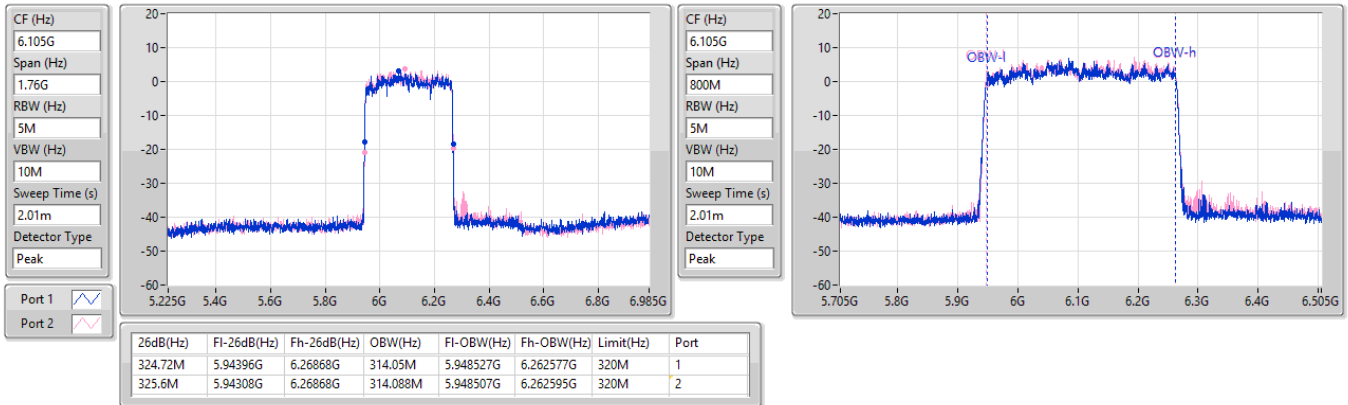

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
6665MHz

30/05/2026

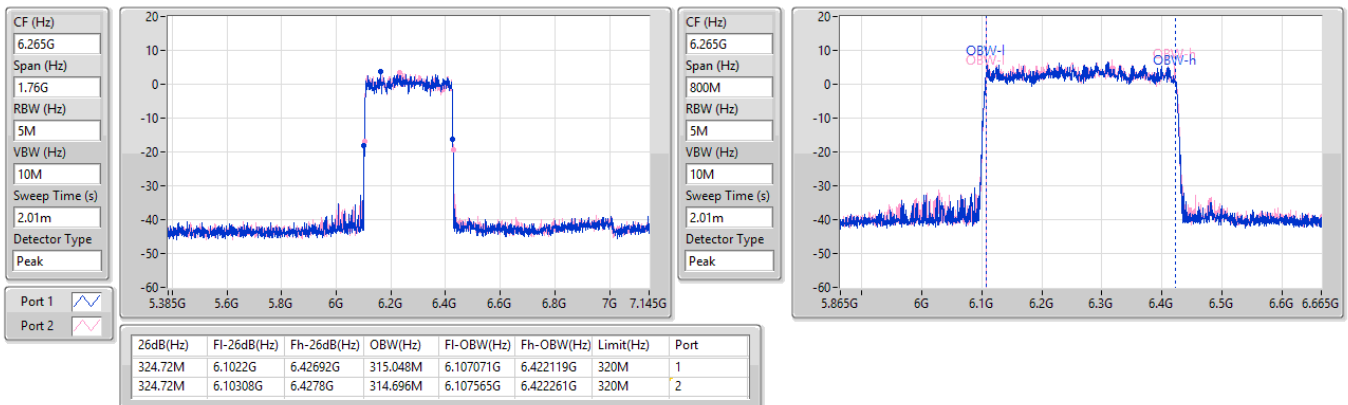


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6105MHz

30/05/2026

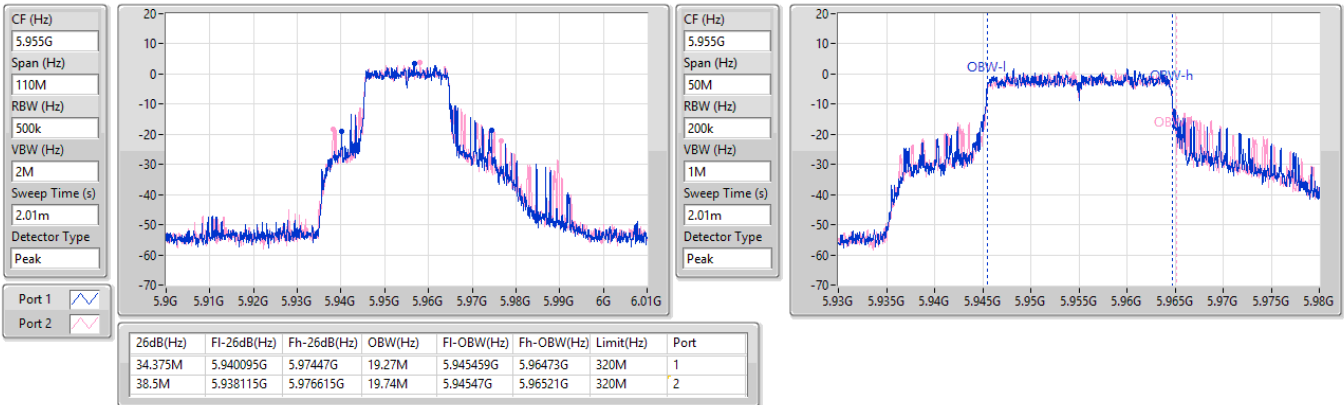

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_2TX
EBW
6265MHz

30/05/2026

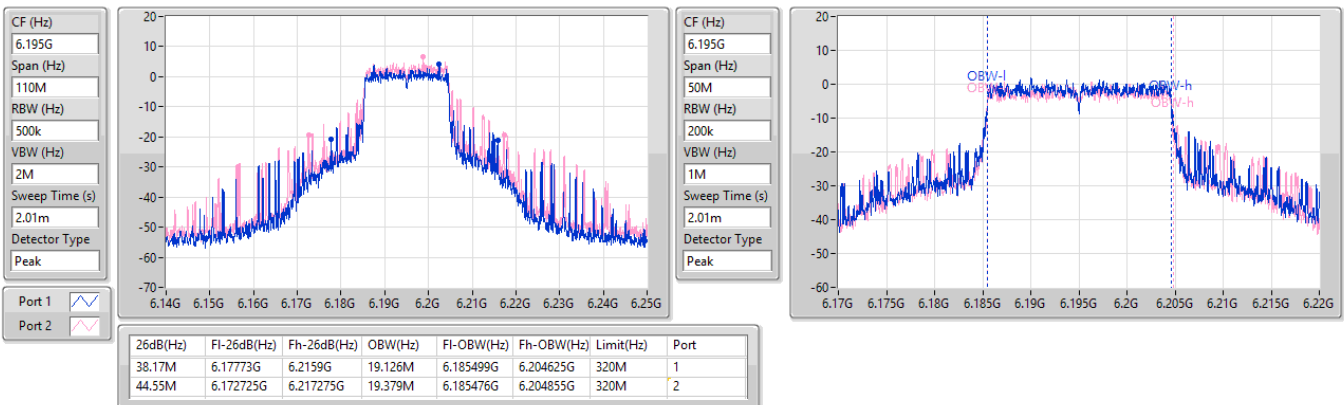


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5955MHz

30/05/2026

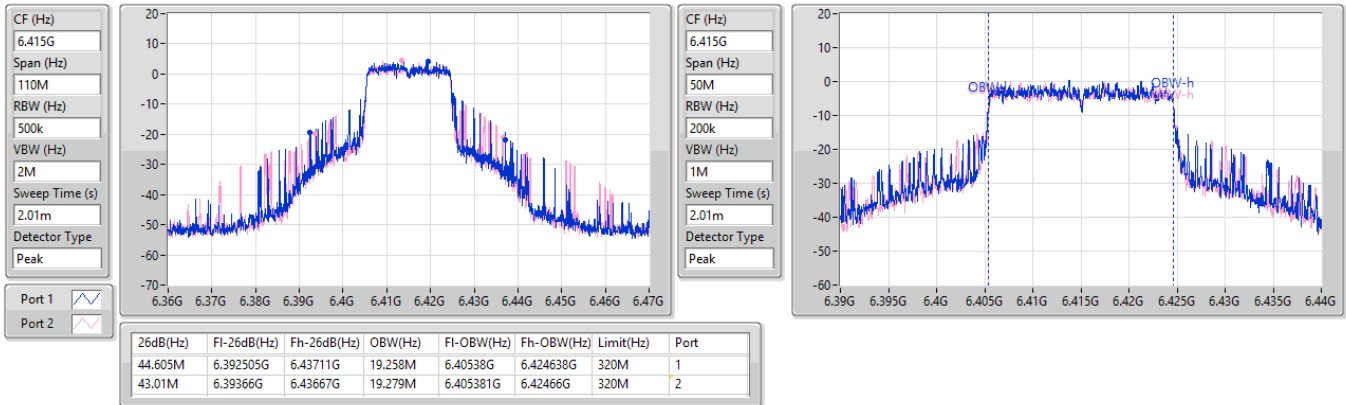

5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6195MHz

30/05/2026

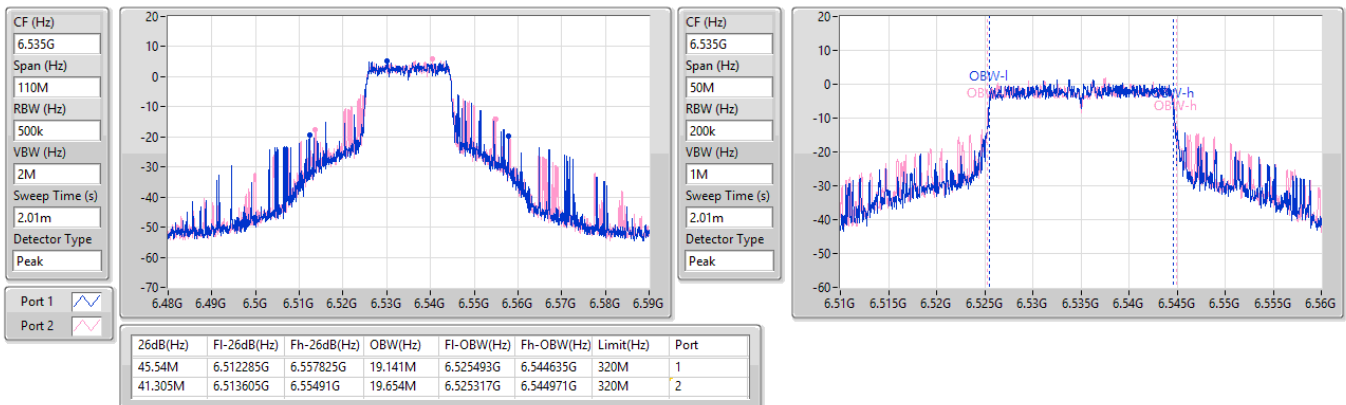


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6415MHz

30/05/2026

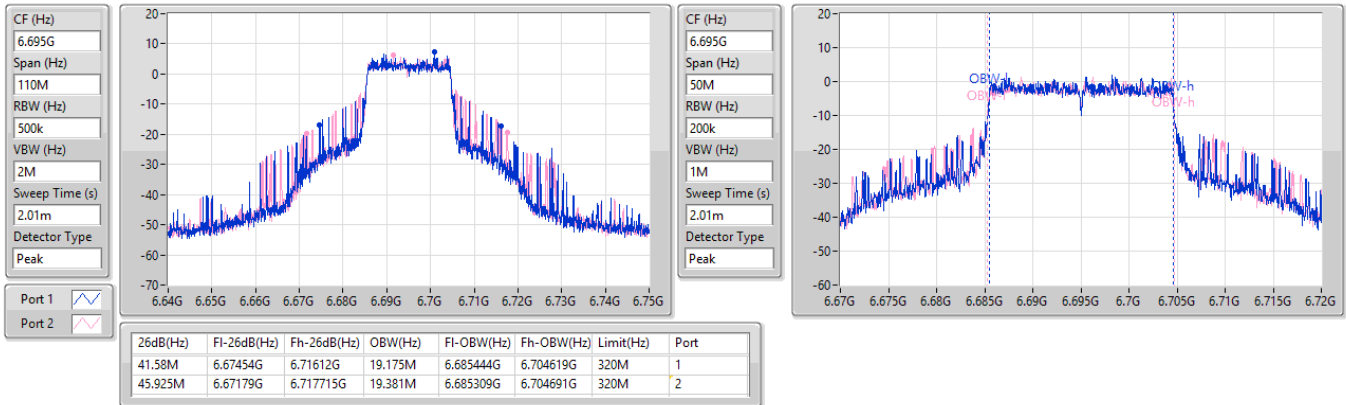

6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6535MHz

30/05/2026

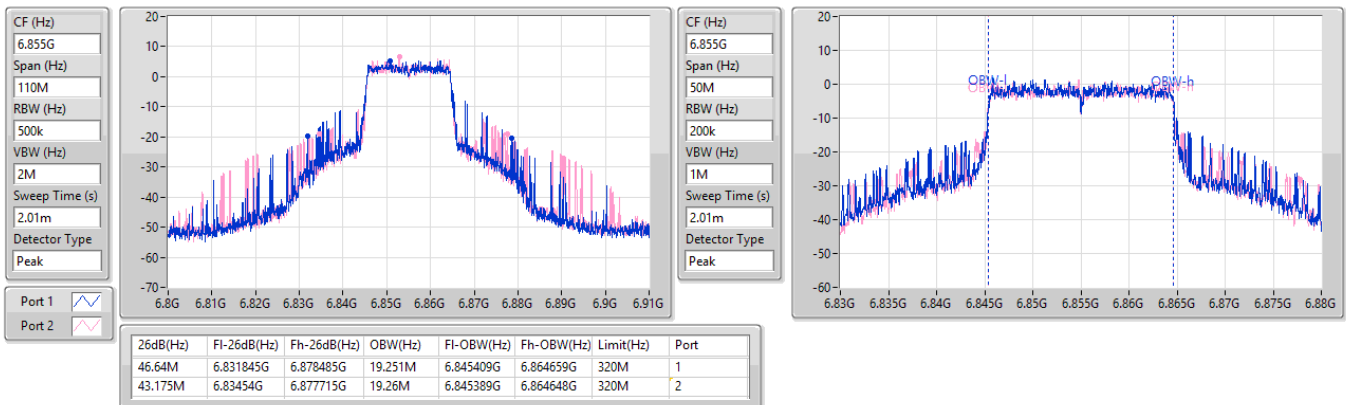


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6695MHz

30/05/2026

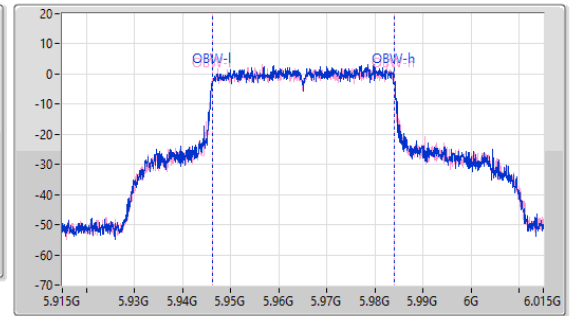
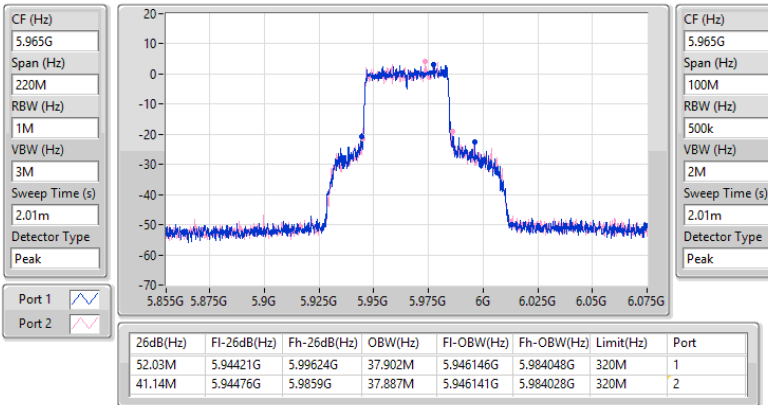

6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6855MHz

30/05/2026

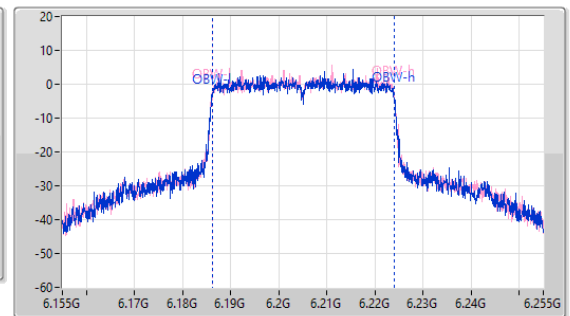
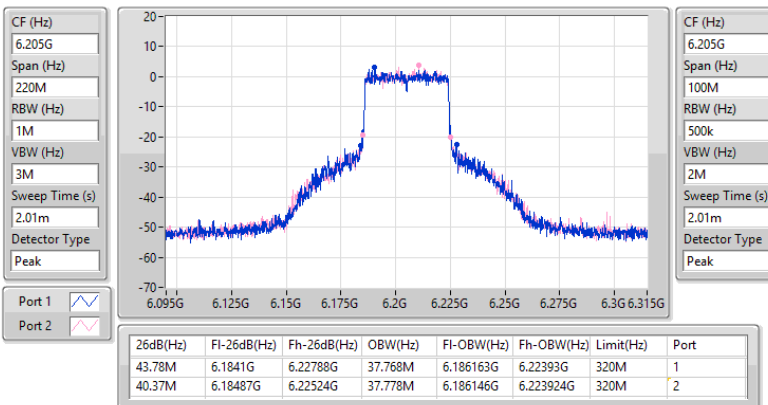


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5965MHz

30/05/2026

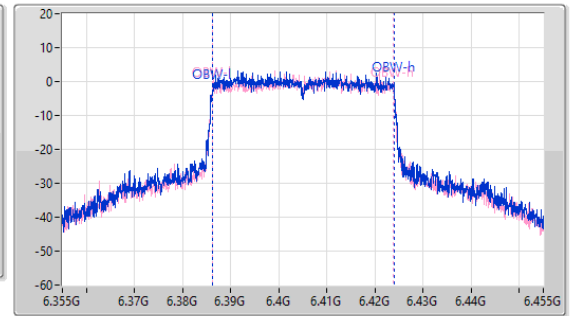
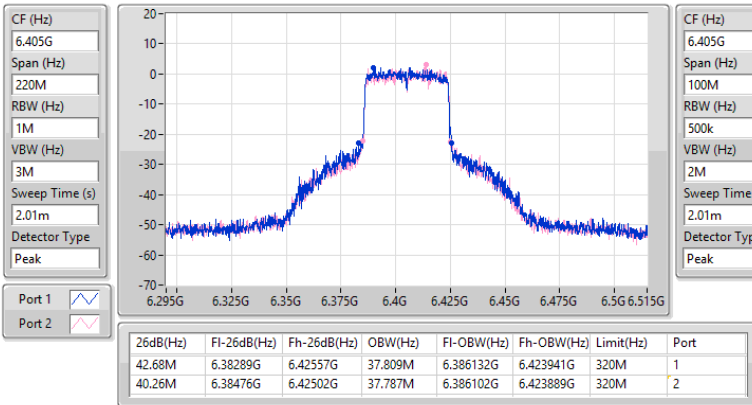

5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6205MHz

30/05/2026



5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6405MHz

30/05/2026


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6565MHz

30/05/2026

