



RADIO TEST REPORT

FCC ID : QXO-AP3020
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP3020
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 Mar. 16, 2026, and testing was started from Jun. 03, 2026 and completed on Aug. 25, 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

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



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 Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80), be (EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

**For Radio 1**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
5.25-5.35GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX

**For Radio 2**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
5.15-5.35GHz	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	1, 2TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
5.47-5.725GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	1, 2TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	1, 2TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	1, 2TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	1, 2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX

MRU (puncturing)
For Multi_RU/Puncturing:

RU-tone	Configuration	Bandwidth (MHz)				5GHz Test CH					
						UNII-1	UNII-2A	UNII-2C		UNII2C/3	UNII-3
		80				CH42	CH58	CH106	CH122	CH138	CH155
484+242	1		242	484		--	V	--	V	V	V
	2	242		484		V	V	V	V	V	V
	3	484			242	V	V	V	V	V	V
	4	484		242		V	--	V	V	--	V

RU-tone	Configuration	Bandwidth (MHz)				5GHz Test CH	
						UNII-1/2A	UNII-2C
		160				CH50	CH114
996+484	1		484		996	--	V
	2	484			996	V	V
	3		996			V	V
	4		996		484	V	--
996+484+242	1		242	484	996	--	V
	2	242		484	996	V	V
	3	484			996	V	V
	4	484		242	996	V	V
	5		996			V	V
	6		996		242	V	V
	7		996		484	V	V
	8		996		484	V	--

Note:

- ♦ 11a, HT20, HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 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 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(puncturing) needs to be reduced.


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						
1	1	1	1	-	WNC	95XPAM15.G93	PIFA	I-PEX	WLAN 2.4GHz, WLAN 5GHz UNII 1~2A, WLAN 6GHz UNII 5~8 (Radio 1)	Note 1
2	2	2	2	-	WNC	95XPAM15.G92	Dipole	I-PEX		
3	1	1	-	-	WNC	95XPAM15.G90	PIFA	I-PEX	WLAN 2.4GHz, WLAN 5GHz UNII 2C~3 or UNII 1~3 (Radio 2)	
4	2	2	-	-	WNC	95XPAM15.G91	Dipole	I-PEX		
5	-	-	-	1	WNC	95XPAM15.GAP	PIFA	I-PEX	Bluetooth, IEEE 802.15.4 (Radio 3)	
6	-	-	-	1	WNC	95XPAM15.GAQ	Dipole	I-PEX		
7	-	-	-	1	WNC	95XPAM15.G94	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	6.995GHz
1	1.12	2.93	2.62	3.38	3.03	3.14	3.59
2	5.37	4	4.54	3.97	4.01	2.34	4.43
Ant.	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 2C~3 or UNII 1~3 (Radio 2)					
	2.45GHz	5.2GHz	5.3GHz	5.6GHz		5.785GHz	
	3	2.26	1.95	2.21	2.92		2.29
4	5.9	4.48	4.52	5.21		5.83	
Ant.	Bluetooth, IEEE 802.15.4 (Radio 3)						
5	4.5						
6	4.9						
7	4.5						

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	5.37	4.37	4.87	4.05	4.01	3.3	4.67
2T2S	5.37	4	4.54	3.97	4.01	3.14	4.43
Item	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 2C~3 or UNII 1~3 (Radio 2)					
		5.2GHz	5.3GHz	5.6GHz	5.785GHz		
2T1S	5.9	4.48	4.52	5.21	5.83		
2T2S	5.9	4.48	4.52	5.21	5.83		

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

Note 3: The above information was declared by manufacturer.

Note 4: States antenna 5GHz and 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:

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.

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

1.1.4 Mode Test Duty Cycle**For Full RU****For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.544	2.64	131.25u	10k
802.11be EHT20_Nss 1,(M0)	0.91	0.41	325u	5k
802.11be EHT40_Nss 1,(M0)	0.906	0.43	309.375u	5k
802.11be EHT80_Nss 1,(M0)	0.905	0.43	300u	5k
802.11be EHT20_Nss 2,(M0)	0.934	0.3	662.5u	2k
802.11be EHT40_Nss 2,(M0)	0.934	0.3	662.5u	2k
802.11be EHT80_Nss 2,(M0)	0.934	0.3	637.5u	2k
802.11be EHT20-BF_Nss 1,(M0)	0.934	0.3	662.5u	2k
802.11be EHT40-BF_Nss 1,(M0)	0.934	0.3	662.5u	2k
802.11be EHT80-BF_Nss 1,(M0)	0.934	0.3	637.5u	2k

For Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.954	0.2	2.087m	1k
802.11be EHT20_Nss 1,(M0)	0.985	0.07	3.038m	10Hz (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.971	0.13	1.612m	1k
802.11be EHT80_Nss 1,(M0)	0.949	0.23	862.5u	3k
802.11be EHT160_Nss 1,(M0)	0.918	0.37	4.65m	300
802.11be EHT20_Nss 2,(M0)	0.972	0.12	5.013m	300
802.11be EHT40_Nss 2,(M0)	0.951	0.22	912.5u	3k
802.11be EHT80_Nss 2,(M0)	0.921	0.36	537.5u	3k
802.11be EHT160_Nss 2,(M0)	0.884	0.54	362.5u	3k
802.11be EHT20-BF_Nss 1,(M0)	0.979	0.09	1.496m	1k
802.11be EHT40-BF_Nss 1,(M0)	0.959	0.18	780.313u	2k
802.11be EHT80-BF_Nss 1,(M0)	0.925	0.34	409.375u	3k
802.11be EHT160-BF_Nss 1,(M0)	0.975	0.58	240.625u	5k

For Multi_RU/Puncturing**For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	0.967	0.15	1m	1k

For Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.966	0.15	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.966	0.15	998.75u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.966	0.15	998.75u	2k



Note:

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

1.1.5 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for Radio 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 2.4GHz and n/ac/ax/be in 5GHz).			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☒	Supported		
	☐	Unsupported		
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
1	V	V (UNII 1~2A)	V	-	-
2	V	V (UNII 1~3 or UNII 2C~3)	-	-	-
3	-	-	-	V	V

Note 1: For WLAN 2.4GHz, 5GHz: The Radio 1 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/UNII3)	V
Mesh	V	V (UNII 1)	V (UNII 1/UNII3)	V

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

Note 2: The above information was declared by manufacturer.

1.1.8 Table for Source Information

EUT	1	2	3
Source Item	Main source	Second source	Third source
DDR4 (Location: U301)	Brand: Micron Model: MT40A1G16TB-062E:F	Brand: SK HYNIX Model: H5AG46DXNDX117N	Brand: SAMSUNG Model: K4AAG165WA-BCWE

Note 1: From the above, EUT 1 has selected to execute all test items and EUT 2~3 have selected to execute Unwanted Emissions Below 1GHz test.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 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 ISCED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Justin Lin	21.8~23.3 / 61~65	Jun. 05, 2026~ Aug. 08, 2026
Radiated below 1GHz	03CH01-CB 03CH04-CB	Sean Ku Stim Sung	23.6~24.6 / 63~65 23.5~24.2 / 55~58	Jun. 03, 2026~ Aug. 25, 2026
Radiated above 1GHz (R1: MRU)	03CH02-CB	Paul Hu	24.3~24.5 / 55~57	Jun. 03, 2026~ Aug. 25, 2026
Radiated above 1GHz (R2: MRU)	03CH06-CB	Jimmy Huang	24.0~24.2 / 63~68	
Radiated above 1GHz (R1)	03CH03-CB 03CH04-CB	George Fan Stim Sung	24.0~24.1 / 62~66 23.8~23.9 / 62~68	
Radiated above 1GHz (R2)	03CH01-CB 03CH02-CB 03CH05-CB	Sean Ku Paul Hu Lex Lee	23.7~24.2 / 59~62 23.6~24.0 / 57~63 24.5~24.9 / 63~65	
AC Conduction (Test Mode: Mode 1~6)	CO01-CB	Ryan Huang	21~22 / 55~56	Jun. 17, 2026
AC Conduction (Test Mode: Mode 7)	CO01-CB	Allen Chung	23~24 / 56~57	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%

Test Date: After May 27, 2026

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU

For Radio 1

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz
5290MHz
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS0)_2TX



5210MHz
5290MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
5290MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5210MHz
5290MHz

**For Radio 2**

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz



5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0)_1TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11a_Nss1,(6Mbps)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5210MHz



5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss2,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX



5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

**For Multi_RU/Puncturing
For Radio 1**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX
5290MHz

For Radio 2

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_2TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5530MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5610MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_2TX
5690MHz Straddle 5.47-5.725GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_2TX
5690MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5775MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_2TX
5570MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_2TX
5570MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.
- ♦ The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1_R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 7)+PoE
2	EUT 1_R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 5)+PoE
3	EUT 1_R1 (2.4GHz)+R2 (5GHz full)+R3 (BT_Ant. 6)+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4~6 will follow this same test mode..	
4	EUT 1_R1 (6GHz full)+R2 (5GHz full)+R3 (BT_Ant. 7)+PoE
5	EUT 1_R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (BT_Ant. 7)+PoE
6	EUT 1_R1 (6GHz full)+R2 (2.4GHz)+R3 (BT_Ant. 7)+PoE
Mode 1 has been evaluated to be the worst case between Mode 1~6, thus measurement for Mode 7 will follow this same test mode.	
7	EUT 1_R1 (2.4GHz)+R2 (5GHz full)+R3 (IEEE 802.15.4_Ant. 7)+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	Emission Bandwidth Maximum Output Power
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1
2	EUT 1_R2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1_Full RU
2	EUT 1_R2_Full RU
3	EUT 1_R1_Multi_RU/Puncturing
4	EUT 1_R2_Multi_RU/Puncturing



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	1. After evaluating, and the worst case axis was found as below for radiated above 1GHz test. So the measurement will follow this same test configuration. 2. For Radio 3: 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. 6 generated the worst case for radiated above 1GHz test, so it was selected for testing.
1	EUT 1 in Z axis_R1 (2.4GHz)+PoE
2	EUT 1 in Y axis_R1 (5GHz UNII 1~2A)+PoE
3	EUT 1 in Y axis_R1 (6GHz)+PoE
4	EUT 1 in Y axis_R2 (2.4GHz)+PoE
5	EUT 1 in Y axis_R2 (5GHz UNII 1~3)+PoE
6	EUT 1 in Y axis_R3 (BT_Ant. 6)+PoE
7	EUT 1 in Y axis_R3 (IEEE 802.15.4_Ant. 6)+PoE
Mode 4 has been evaluated to be the worst case between Mode 1~7, thus measurement for Mode 8~9 will follow this same test mode.	
8	EUT 2 in Z axis_R2 (2.4GHz)+PoE
9	EUT 3 in Z axis_R2 (2.4GHz)+PoE
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis_R1_Full RU
2	EUT 1 in Y axis_R2_Full RU
3	EUT 1 in Y axis_R1_Multi_RU/Puncturing
4	EUT 1 in Y axis_R2_Multi_RU/Puncturing



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1_R1 (2.4GHz) + R2 (5GHz full) + R3 (BT)
2	EUT 1_R1 (2.4GHz) + R2 (5GHz full) + R3 (IEEE 802.15.4)
3	EUT 1_R1 (6GHz full) + R2 (5GHz full) + R3 (BT)
4	EUT 1_R1 (6GHz full) + R2 (5GHz full) + R3 (IEEE 802.15.4)
5	EUT 1_R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (BT)
6	EUT 1_R1 (5GHz UNII 1~2A) + R2 (5GHz UNII 2C~3) + R3 (IEEE 802.15.4)
7	EUT 1_R1 (6GHz full) + R2 (2.4GHz) + R3 (BT)
8	EUT 1_R1 (6GHz full) + R2 (2.4GHz) + R3 (IEEE 802.15.4)
Refer to Sporton Test Report No.: FA631826 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	PHIHONG	POE60U-BTA
PoE 2	Microsemi	PD-9001GR/AT/AC

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
Cap*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 1	PHIHONG	POE60U-BTA	N/A
B	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	Flash disk2.0	Tcell	Push	N/A

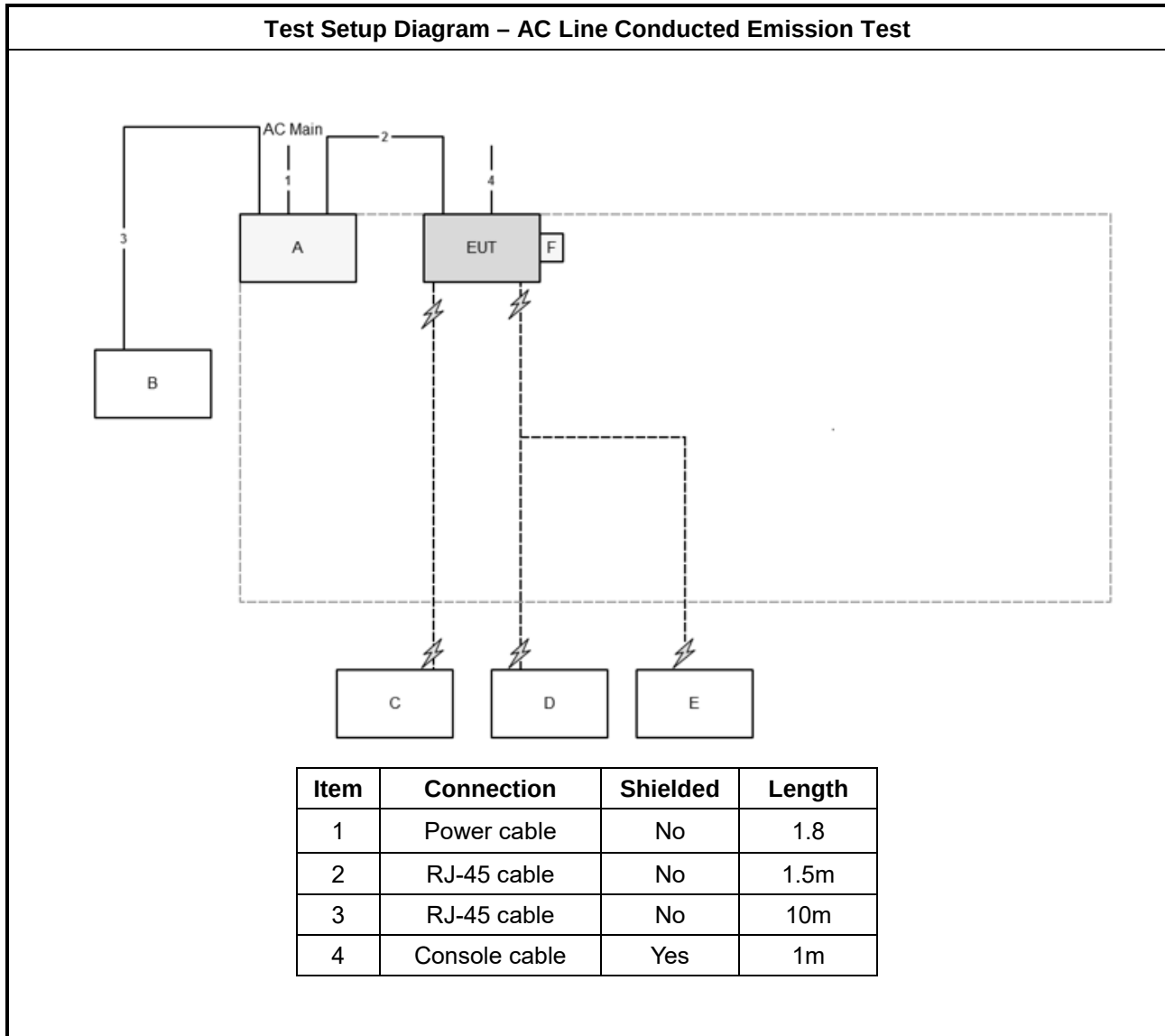
For Radiated:

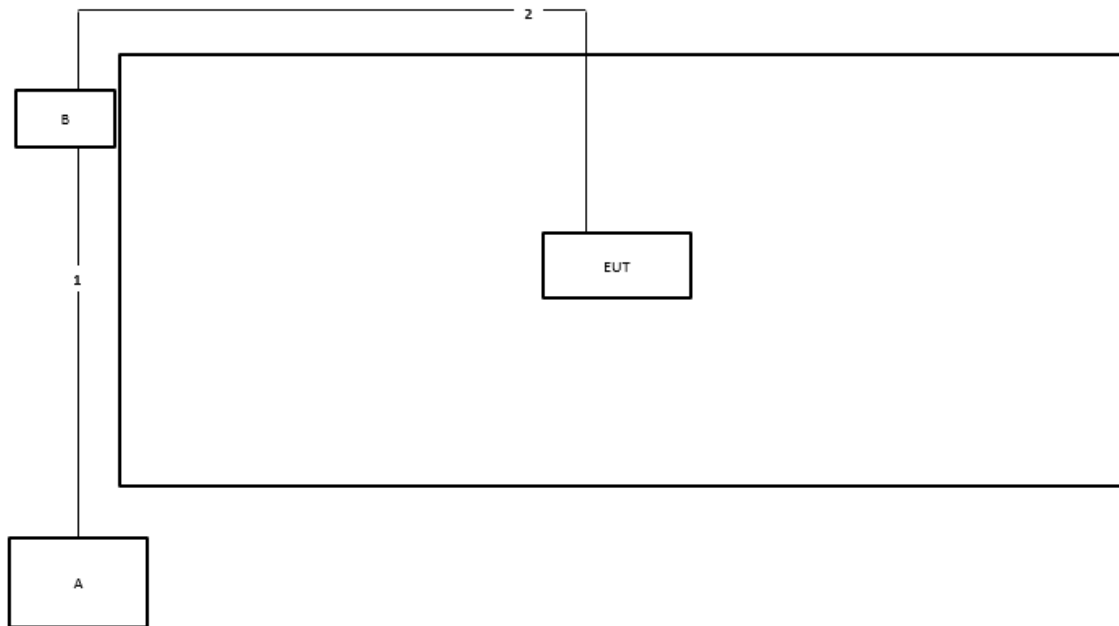
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE 2	Microsemi	PD-9001GR/AT/AC	N/A

For RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E6230	N/A
B	PoE 2	Microsemi	PD-9001GR/AT/AC	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


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.

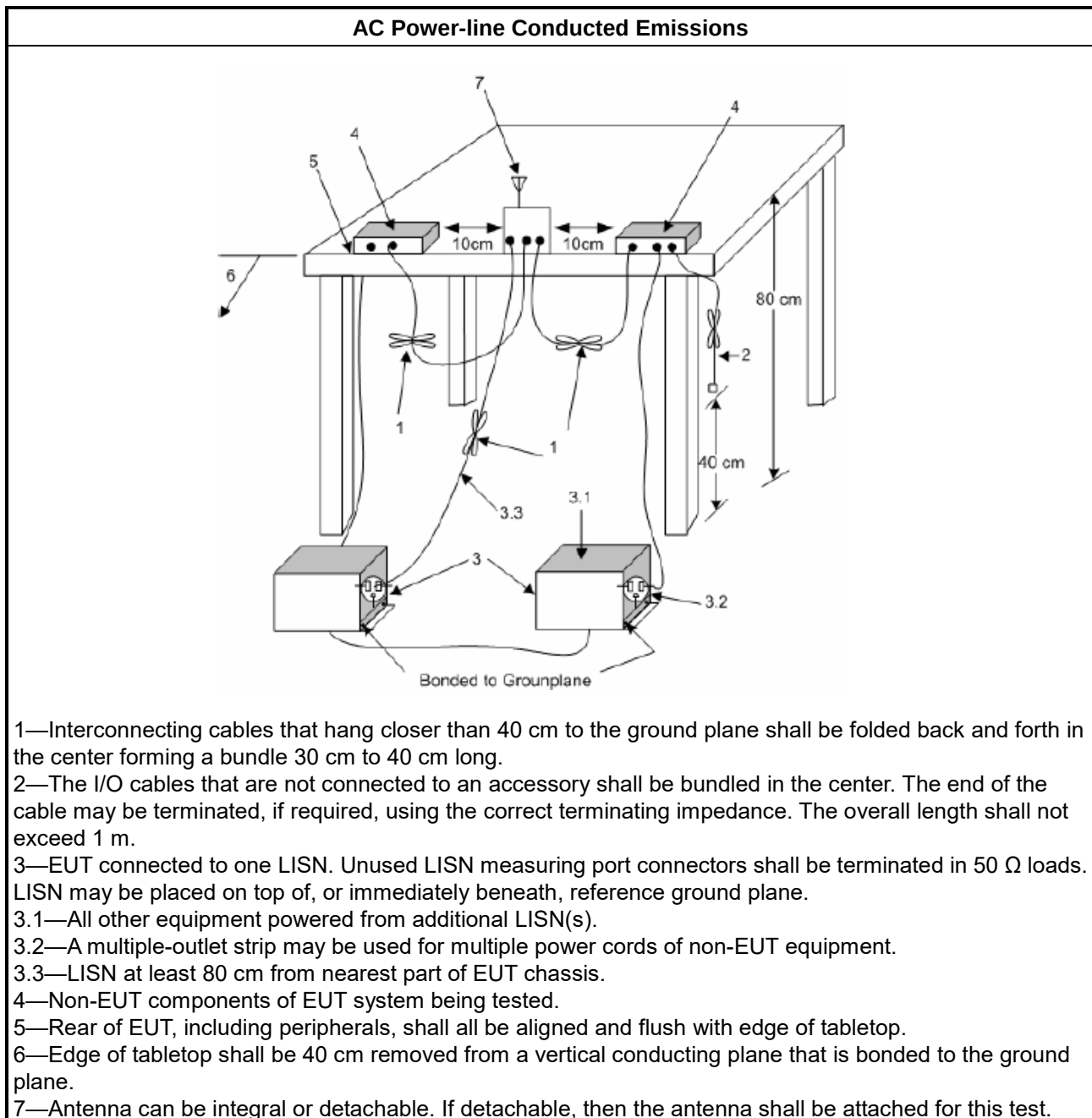
3.1.2 Measuring Instruments

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



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

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 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

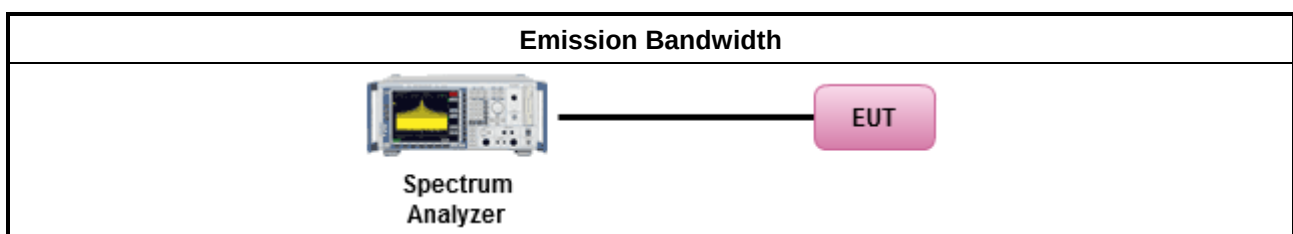
3.2.2 Measuring Instruments

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
☐	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band:	
☐	- For other devices: The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band:	
☐	- For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☐ For the 5.47-5.725 GHz band:	



☐	- The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log 10 B$, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☐	For the 5.725-5.85 GHz band:
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

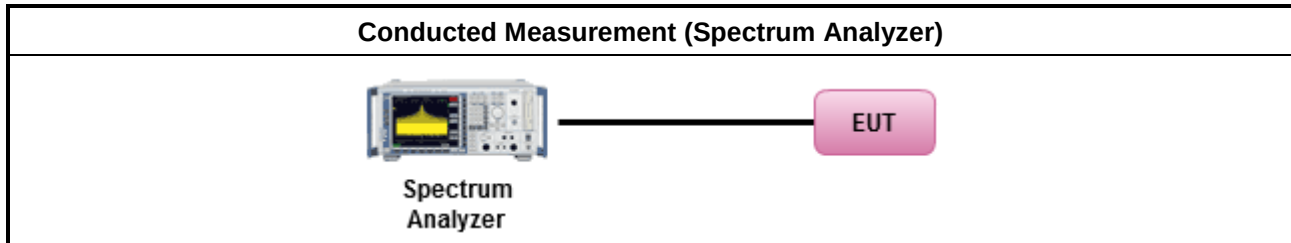
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

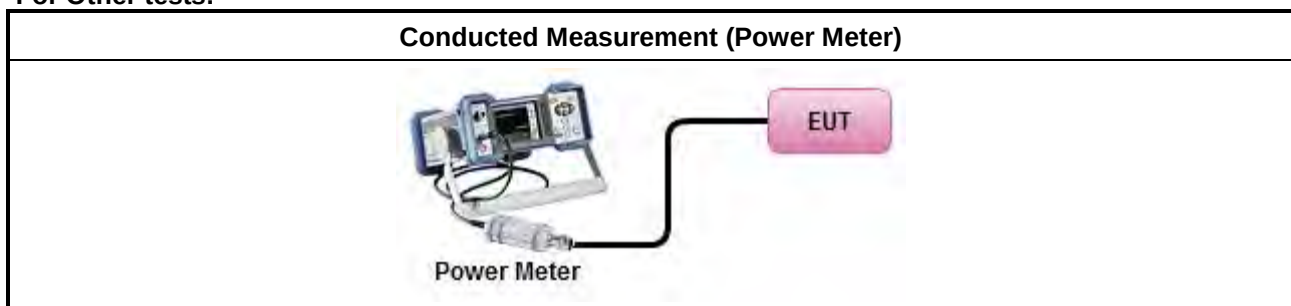
Test Method	
Maximum Output Power	
☐	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐	Wideband RF power meter and average over on/off 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

For Straddle channel:



For Other tests:



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

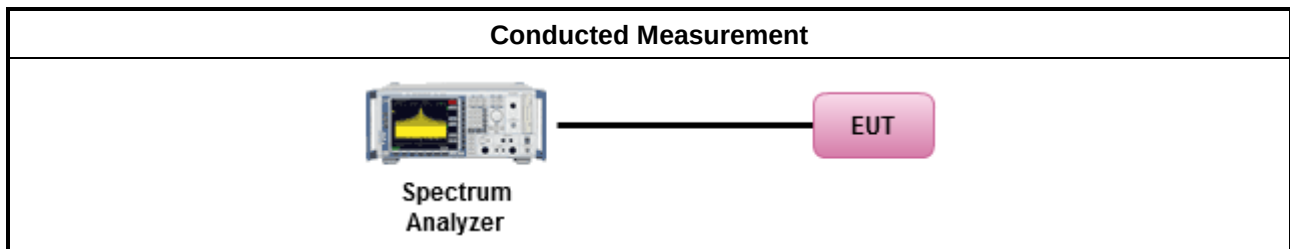
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: 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).



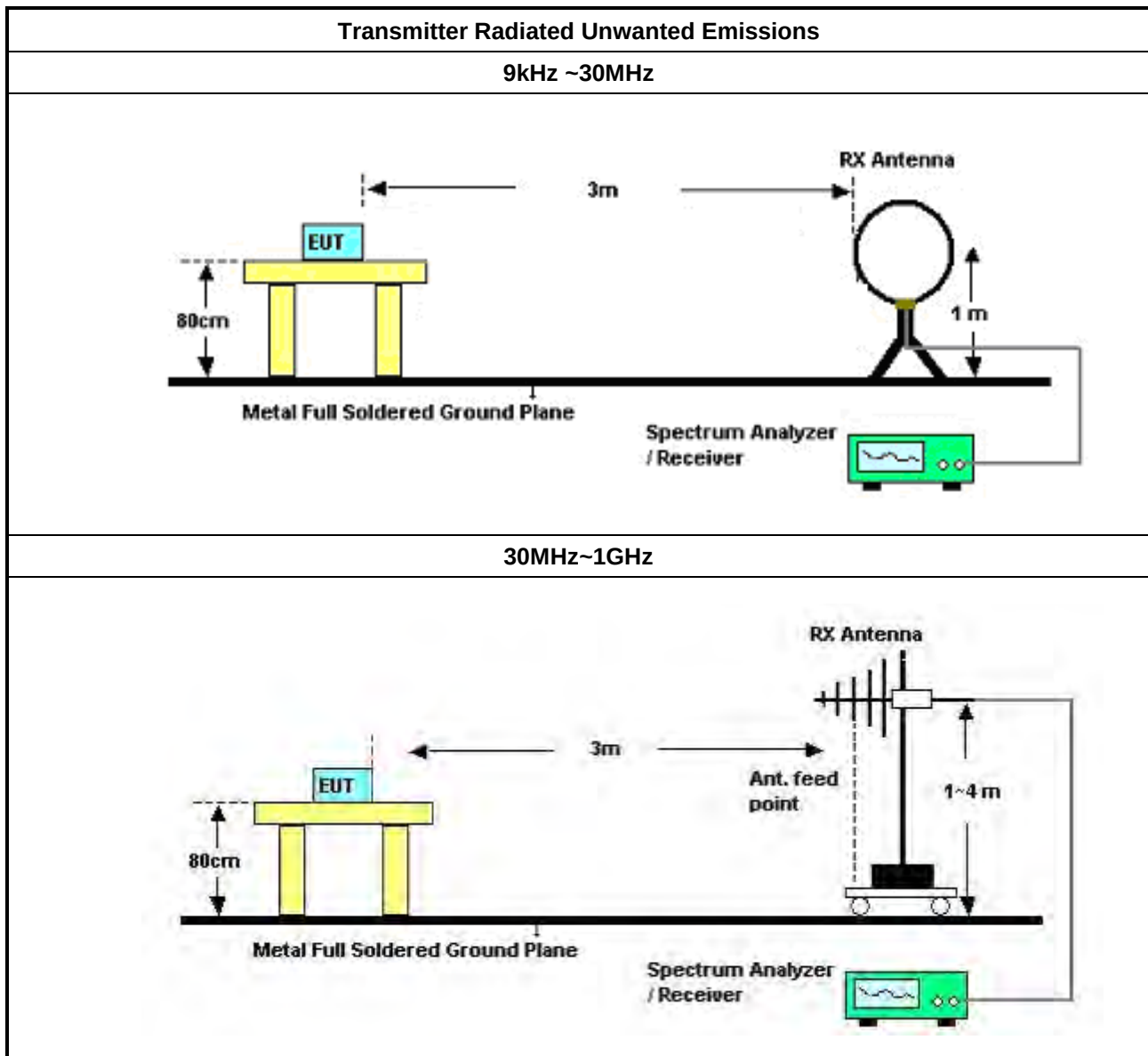
3.5.2 Measuring Instruments

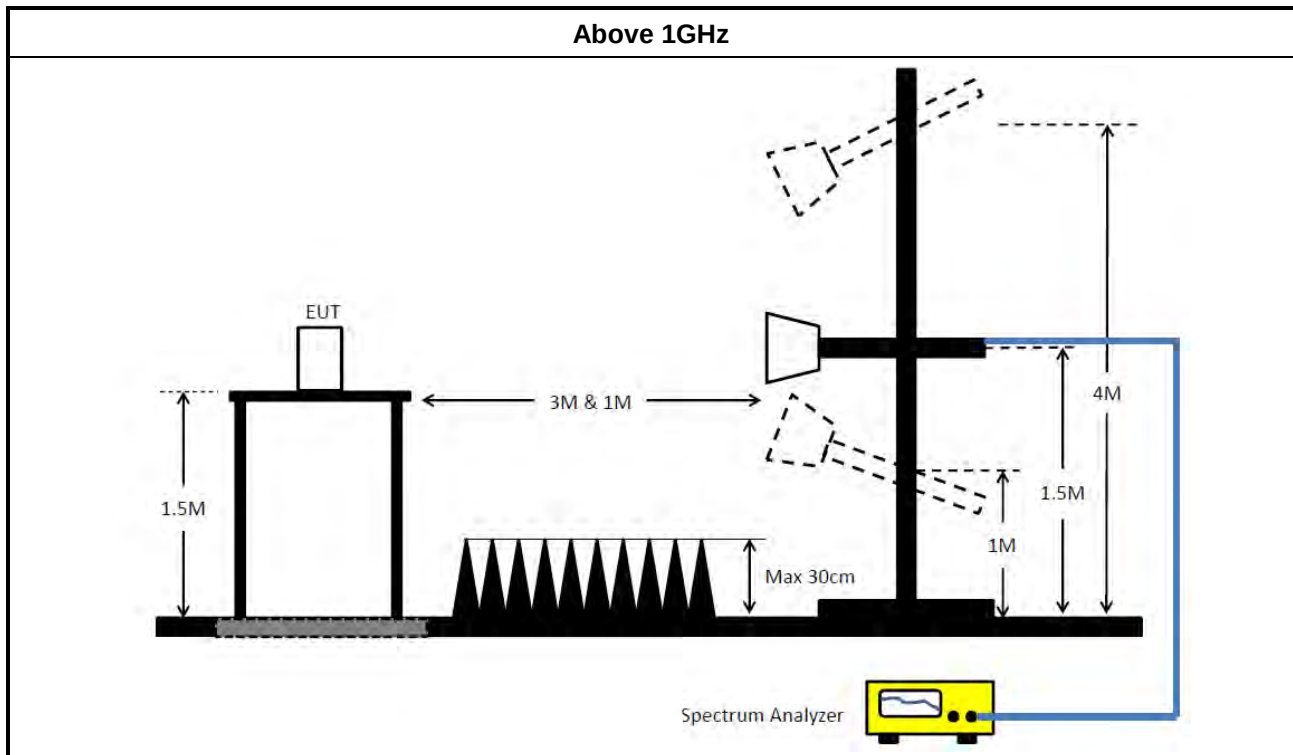
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
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).
	☒ 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.
	☐ 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.
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)
Loop Antenna	Teseq	HLA 6121	65417	9kHz ~ 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 15, 2026	Jan. 14, 2027	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 21, 2025	Jun. 20, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 20, 2026	Jun. 19, 2027	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 02, 2026	May 01, 2027	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul.29,2026	Jul. 28, 2027	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
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)
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	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)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Jun. 04, 2026	Jun. 03, 2027	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)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 01, 2026	Apr. 30, 2027	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 06, 2026	Feb. 05, 2027	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Jun. 04, 2026	Jun. 03, 2027	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Jul. 28, 2026	Jul. 27, 2027	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0 607	30MHz ~ 1GHz	Oct. 04, 2025	Oct. 03, 2026	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 20, 2026	May 19, 2027	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
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	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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 29, 2026	Jul. 28, 2027	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV3044	101878	10kHz ~ 44GHz	May 11, 2026	May 10, 2027	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 28, 2025	Oct. 27, 2026	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 28, 2025	Oct. 27, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

NCR means Non-Calibration required.



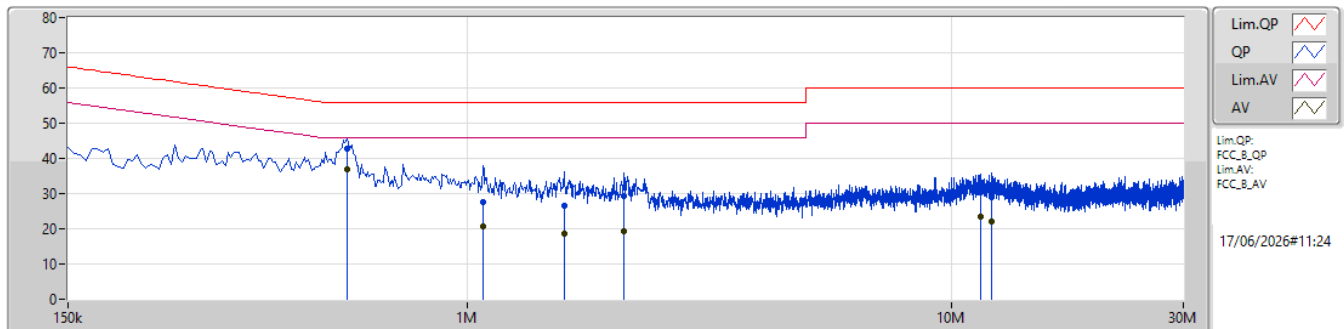
Conducted Emissions at Powerline

Appendix A

Summary

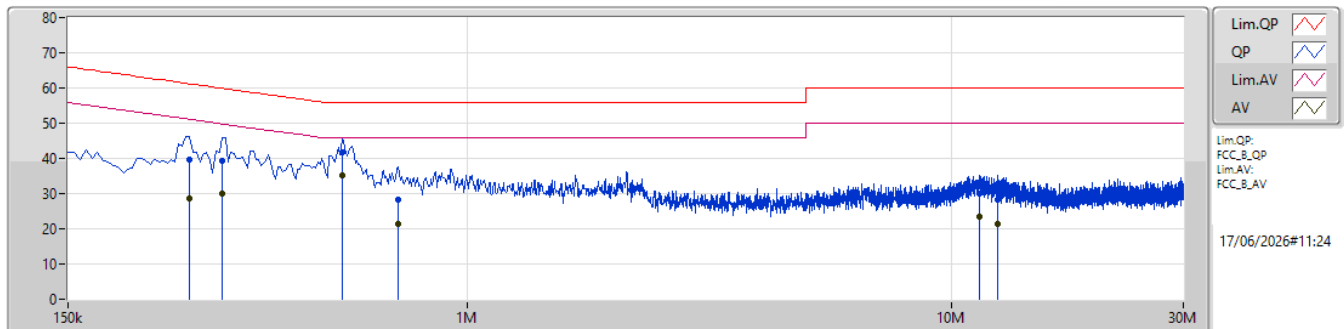
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	564k	36.88	46.00	-9.12	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	564k	42.74	56.00	-13.26	10.12	Line	-	32.62	0.09	0.13	9.90						
AV	564k	36.88	46.00	-9.12	10.12	Line	"Worst"	26.76	0.09	0.13	9.90						
QP	1.077M	27.45	56.00	-28.55	10.12	Line	-	17.33	0.10	0.15	9.87						
AV	1.077M	20.59	46.00	-25.41	10.12	Line	-	10.47	0.10	0.15	9.87						
QP	1.586M	26.67	56.00	-29.33	10.04	Line	-	16.63	0.11	0.14	9.79						
AV	1.586M	18.50	46.00	-27.50	10.04	Line	-	8.46	0.11	0.14	9.79						
QP	2.103M	29.39	56.00	-26.61	10.00	Line	-	19.39	0.12	0.14	9.74						
AV	2.103M	19.18	46.00	-26.82	10.00	Line	-	9.18	0.12	0.14	9.74						
QP	11.432M	30.33	60.00	-29.67	10.74	Line	-	19.59	0.25	0.30	10.19						
AV	11.432M	23.40	50.00	-26.60	10.74	Line	-	12.66	0.25	0.30	10.19						
QP	12.084M	29.04	60.00	-30.96	10.78	Line	-	18.26	0.25	0.31	10.22						
AV	12.084M	22.19	50.00	-27.81	10.78	Line	-	11.41	0.25	0.31	10.22						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	267k	39.49	61.20	-21.71	9.97	Neutral	-	29.52	0.06	0.09	9.82						
AV	267k	28.50	51.20	-22.70	9.97	Neutral	-	18.53	0.06	0.09	9.82						
QP	312k	39.19	59.92	-20.73	10.01	Neutral	-	29.18	0.06	0.10	9.85						
AV	312k	30.04	49.92	-19.88	10.01	Neutral	-	20.03	0.06	0.10	9.85						
QP	550.5k	41.63	56.00	-14.37	10.09	Neutral	-	31.54	0.06	0.13	9.90						
AV	550.5k	35.05	46.00	-10.95	10.09	Neutral	"Worst"	24.96	0.06	0.13	9.90						
QP	721.5k	28.43	56.00	-27.57	10.10	Neutral	-	18.33	0.07	0.14	9.89						
AV	721.5k	21.38	46.00	-24.62	10.10	Neutral	-	11.28	0.07	0.14	9.89						
QP	11.373M	30.14	60.00	-29.86	10.71	Neutral	-	19.43	0.22	0.30	10.19						
AV	11.373M	23.30	50.00	-26.70	10.71	Neutral	-	12.59	0.22	0.30	10.19						
QP	12.417M	28.24	60.00	-31.76	10.78	Neutral	-	17.46	0.22	0.32	10.24						
AV	12.417M	21.24	50.00	-28.76	10.78	Neutral	-	10.46	0.22	0.32	10.24						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.905M	19.744M	19M7D1D	27.06M	17M
802.11a_Nss1,(6Mbps)_2TX	38.06M	19.713M	19M7D1D	23.21M	16.882M
802.11be EHT20_Nss1,(MCS0)_1TX	39.215M	19.621M	19M6D1D	25.52M	19.163M
802.11be EHT20_Nss1,(MCS0)_2TX	38.115M	19.612M	19M6D1D	26.675M	19.086M
802.11be EHT20_Nss2,(MCS0)_2TX	32.67M	19.316M	19M3D1D	21.67M	19.052M
802.11be EHT40_Nss1,(MCS0)_1TX	80.85M	38.317M	38M3D1D	45.43M	37.907M
802.11be EHT40_Nss1,(MCS0)_2TX	46.53M	37.925M	37M9D1D	43.01M	37.865M
802.11be EHT40_Nss2,(MCS0)_2TX	48.07M	37.886M	37M9D1D	40.37M	37.841M
802.11be EHT80_Nss1,(MCS0)_1TX	85.58M	77.411M	77M4D1D	85.58M	77.411M
802.11be EHT80_Nss1,(MCS0)_2TX	89.1M	77.56M	77M6D1D	84.48M	77.51M
802.11be EHT80_Nss2,(MCS0)_2TX	86.9M	77.505M	77M5D1D	86.68M	77.463M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.76M	16.934M	16M9D1D	21.78M	16.891M
802.11a_Nss1,(6Mbps)_2TX	23.045M	16.895M	16M9D1D	21.23M	16.837M
802.11be EHT20_Nss1,(MCS0)_1TX	36.52M	19.451M	19M5D1D	25.41M	19.121M
802.11be EHT20_Nss1,(MCS0)_2TX	27.61M	19.19M	19M2D1D	22.55M	19.103M
802.11be EHT20_Nss2,(MCS0)_2TX	29.425M	19.16M	19M2D1D	21.835M	19.041M
802.11be EHT40_Nss1,(MCS0)_1TX	77.88M	38.24M	38M2D1D	54.78M	37.961M
802.11be EHT40_Nss1,(MCS0)_2TX	43.56M	37.941M	37M9D1D	40.92M	37.791M
802.11be EHT40_Nss2,(MCS0)_2TX	45.76M	37.903M	37M9D1D	40.81M	37.789M
802.11be EHT80_Nss1,(MCS0)_1TX	88.66M	77.212M	77M2D1D	88.66M	77.212M
802.11be EHT80_Nss1,(MCS0)_2TX	84.92M	77.247M	77M2D1D	84.48M	77.242M
802.11be EHT80_Nss2,(MCS0)_2TX	86.46M	77.278M	77M3D1D	85.36M	77.15M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	27.06M	17M		
5200MHz	Pass	Inf	36.905M	19.744M		
5240MHz	Pass	Inf	36.575M	19.606M		
5260MHz	Pass	Inf	23.76M	16.911M		
5300MHz	Pass	Inf	23.265M	16.934M		
5320MHz	Pass	Inf	21.78M	16.891M		
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.52M	19.163M		
5200MHz	Pass	Inf	39.215M	19.621M		
5240MHz	Pass	Inf	37.235M	19.619M		
5260MHz	Pass	Inf	33.99M	19.248M		
5300MHz	Pass	Inf	36.52M	19.451M		
5320MHz	Pass	Inf	25.41M	19.121M		
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.43M	37.907M		
5230MHz	Pass	Inf	80.85M	38.317M		
5270MHz	Pass	Inf	77.88M	38.24M		
5310MHz	Pass	Inf	54.78M	37.961M		
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.58M	77.411M		
5290MHz	Pass	Inf	88.66M	77.212M		
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.21M	16.937M	24.97M	16.882M
5200MHz	Pass	Inf	25.575M	17.136M	31.075M	17.946M
5240MHz	Pass	Inf	38.06M	19.713M	32.725M	18.006M
5260MHz	Pass	Inf	21.395M	16.868M	23.045M	16.847M
5300MHz	Pass	Inf	22.055M	16.876M	22.55M	16.895M
5320MHz	Pass	Inf	21.23M	16.878M	22.88M	16.837M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	28.765M	19.197M	26.675M	19.086M
5200MHz	Pass	Inf	26.84M	19.181M	31.57M	19.22M
5240MHz	Pass	Inf	38.115M	19.612M	31.9M	19.263M
5260MHz	Pass	Inf	26.345M	19.127M	22.55M	19.103M
5300MHz	Pass	Inf	25.74M	19.132M	25.575M	19.117M
5320MHz	Pass	Inf	27.61M	19.185M	25.08M	19.19M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.01M	37.913M	46.53M	37.865M
5230MHz	Pass	Inf	43.34M	37.925M	43.78M	37.897M
5270MHz	Pass	Inf	40.92M	37.791M	42.24M	37.833M
5310MHz	Pass	Inf	41.47M	37.941M	43.56M	37.894M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.48M	77.56M	89.1M	77.51M
5290MHz	Pass	Inf	84.92M	77.242M	84.48M	77.247M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.22M	19.095M	27.555M	19.107M
5200MHz	Pass	Inf	21.67M	19.052M	22.715M	19.08M
5240MHz	Pass	Inf	32.67M	19.316M	32.175M	19.193M
5260MHz	Pass	Inf	21.835M	19.141M	23.54M	19.041M
5300MHz	Pass	Inf	29.425M	19.144M	26.565M	19.141M
5320MHz	Pass	Inf	28.82M	19.129M	25.63M	19.16M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	48.07M	37.859M	47.63M	37.886M
5230MHz	Pass	Inf	40.37M	37.841M	42.35M	37.857M
5270MHz	Pass	Inf	45.76M	37.803M	40.81M	37.789M



EBW_Mode 1

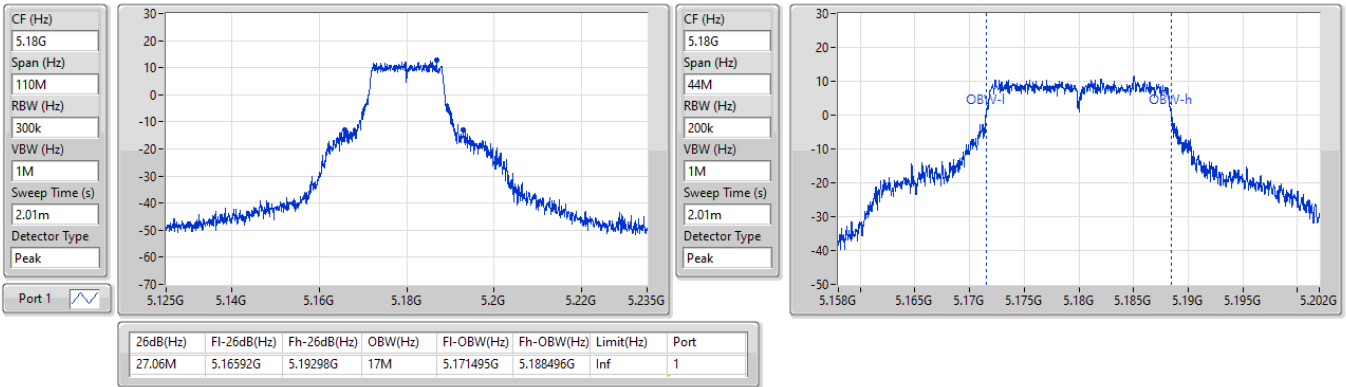
Appendix B.1

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5310MHz	Pass	Inf	42.13M	37.857M	44.22M	37.903M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.68M	77.505M	86.9M	77.463M
5290MHz	Pass	Inf	85.36M	77.15M	86.46M	77.278M

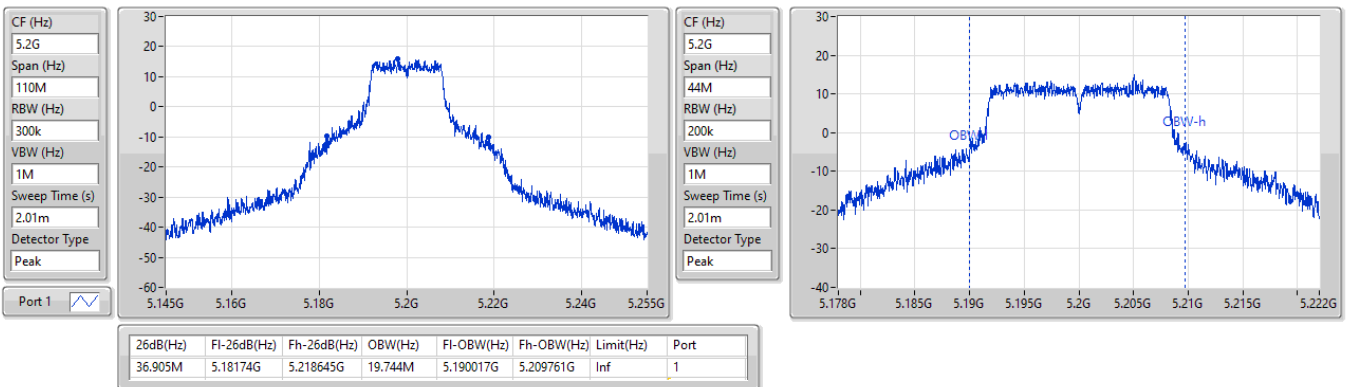
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

23/06/2026

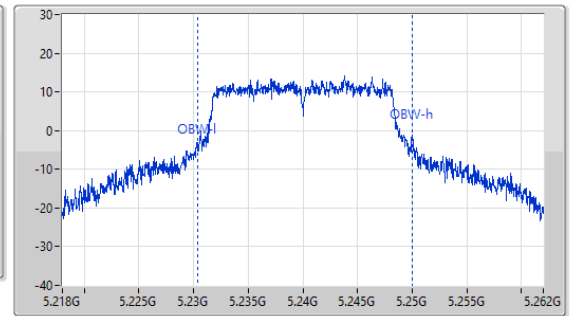
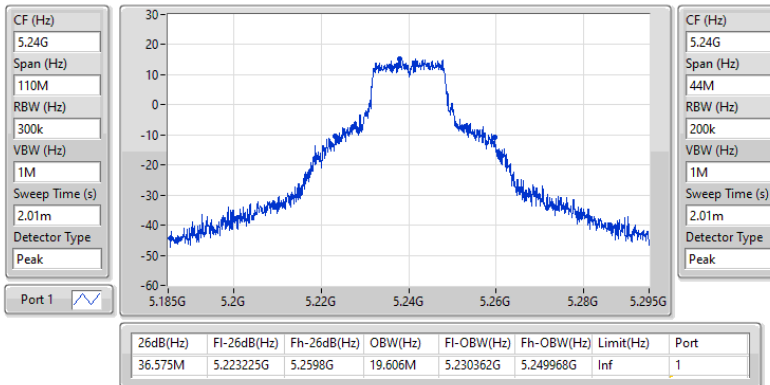

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

23/06/2026

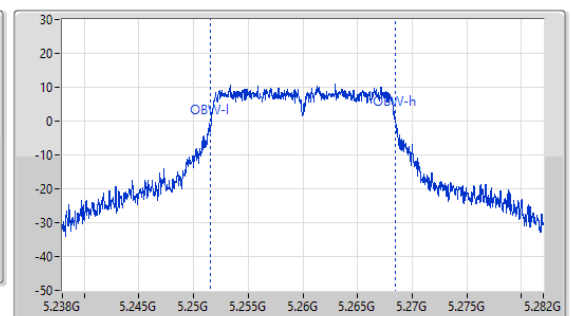
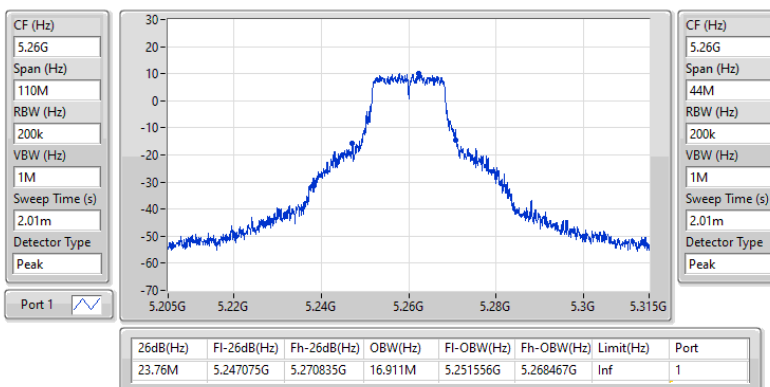


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

23/06/2026

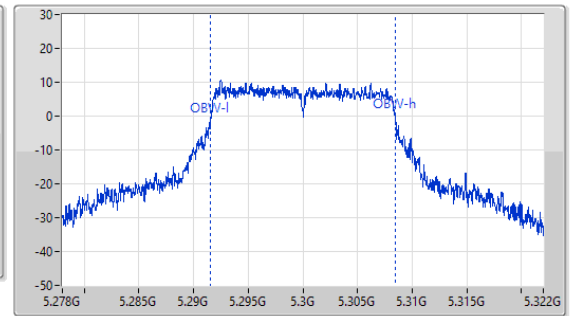
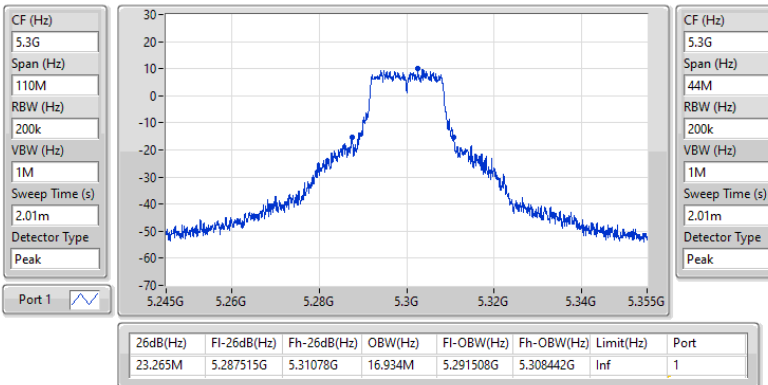

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

23/06/2026

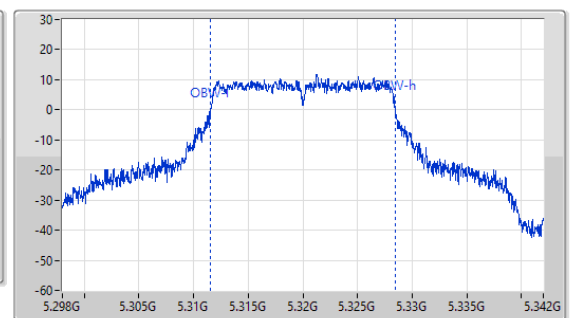
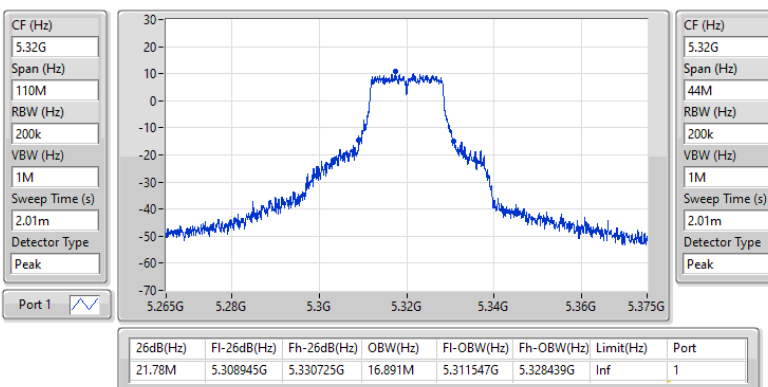


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

23/06/2026

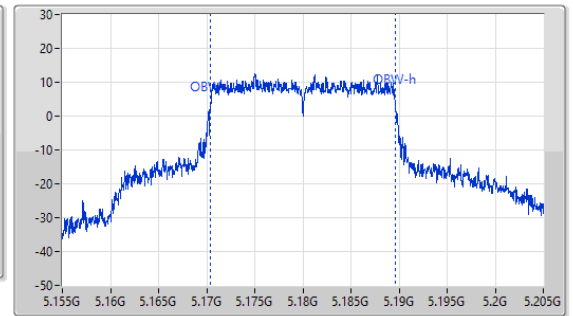
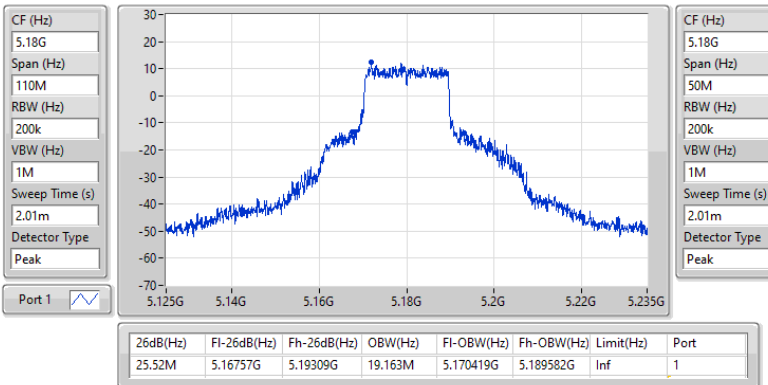

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

23/06/2026

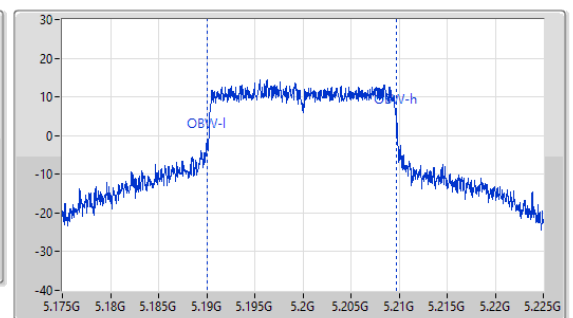
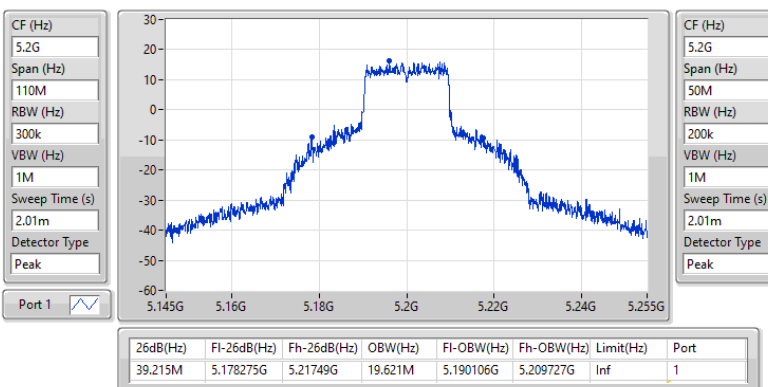


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

23/06/2026

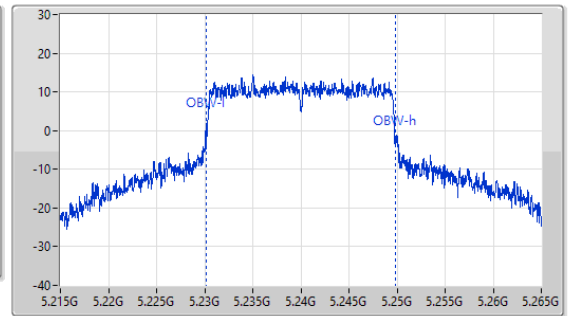
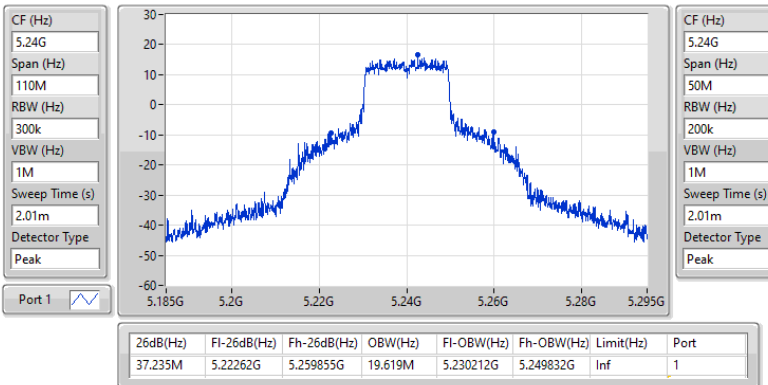

5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

23/06/2026

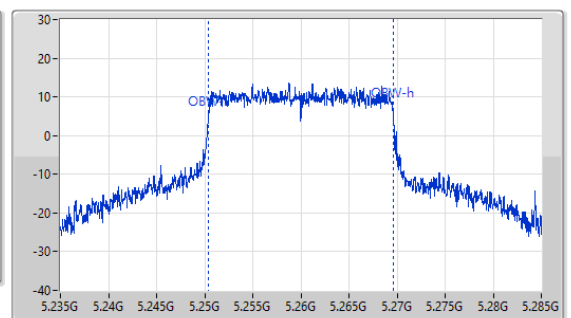
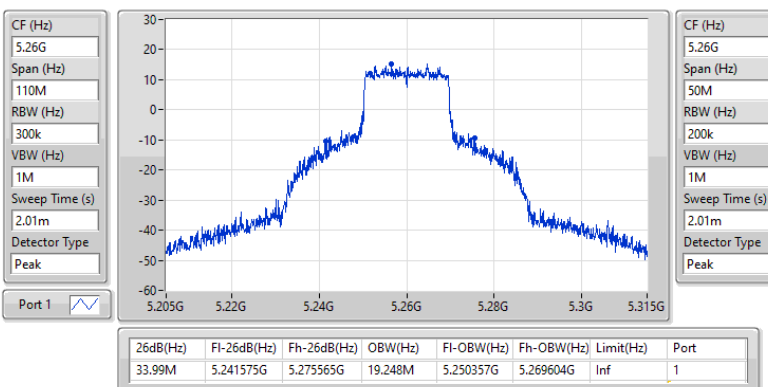


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

23/06/2026

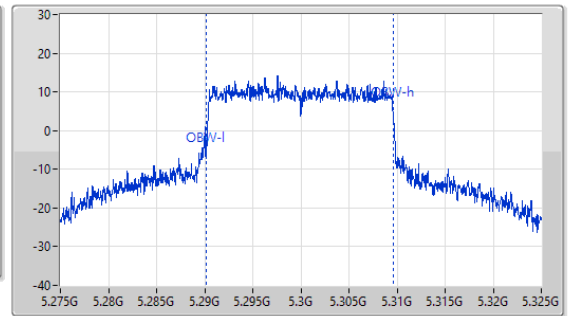
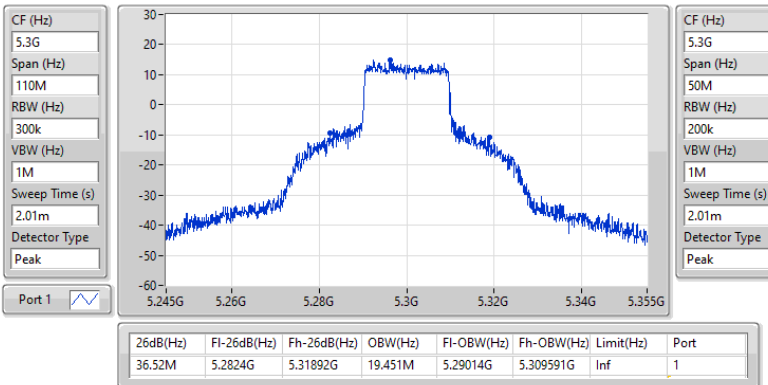

5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

23/06/2026

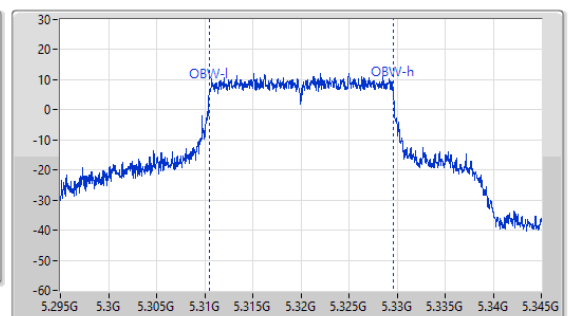
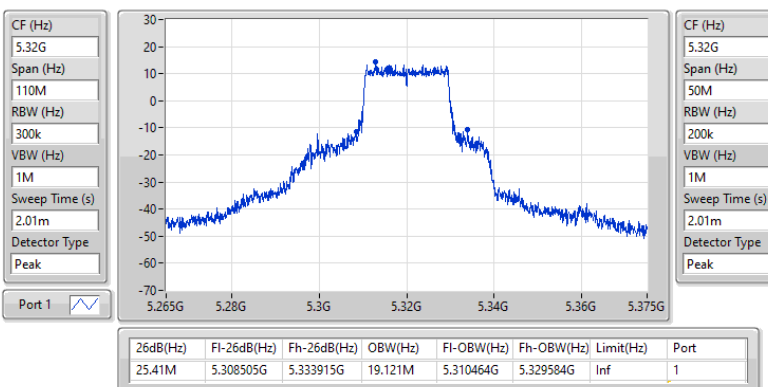


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

23/06/2026

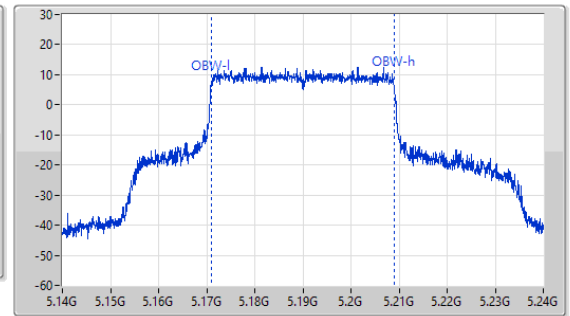
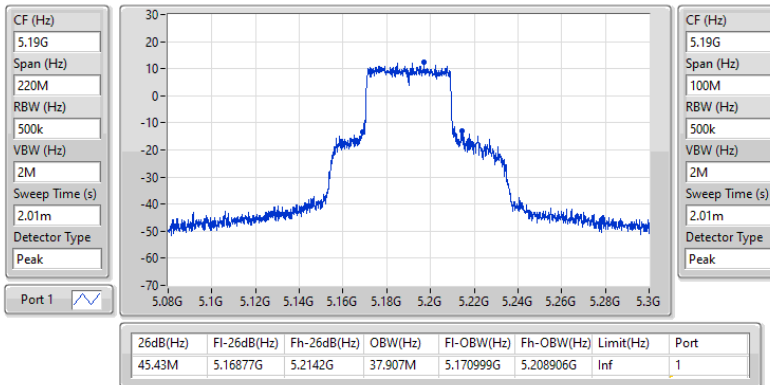

5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

23/06/2026

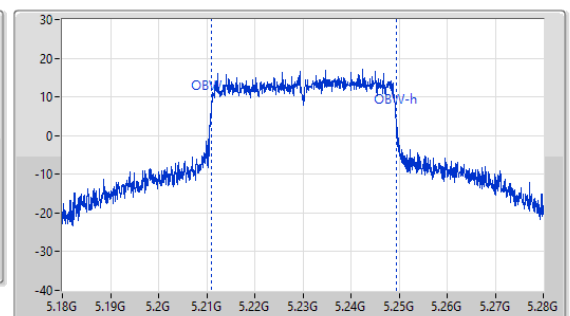
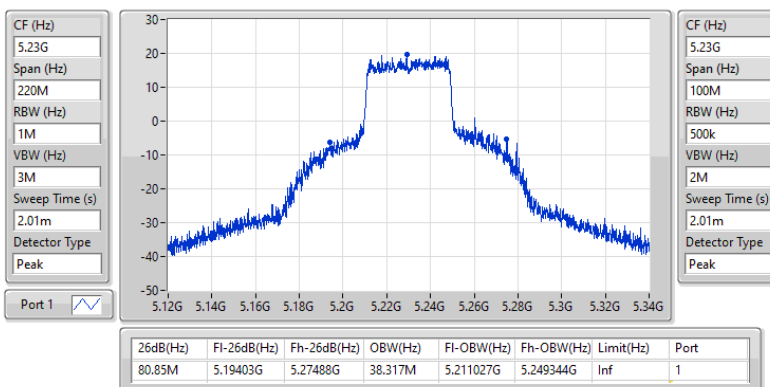


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5190MHz

23/06/2026

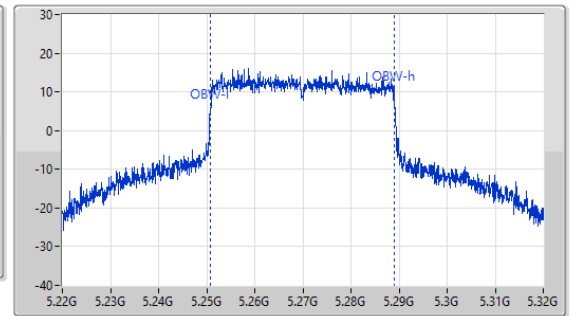
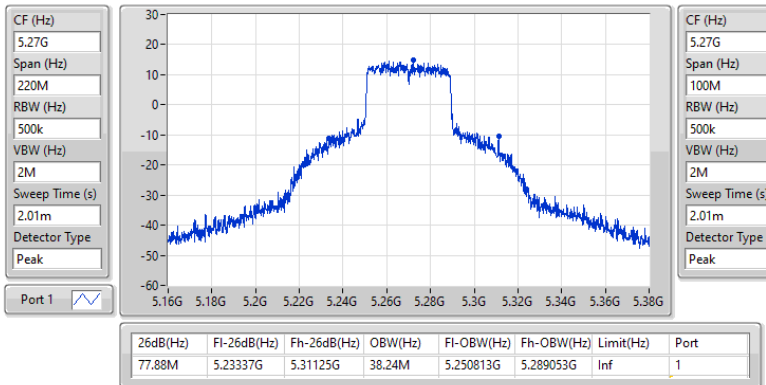

5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5230MHz

23/06/2026

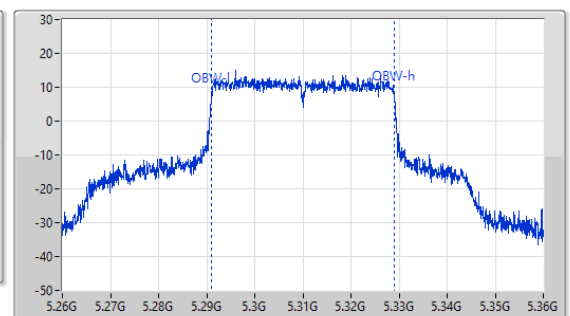
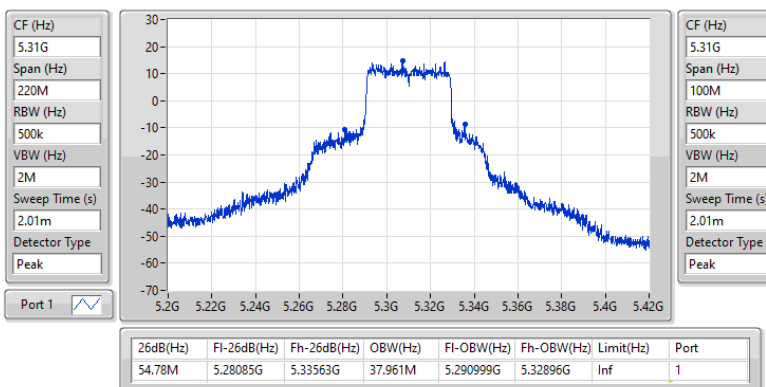


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

23/06/2026

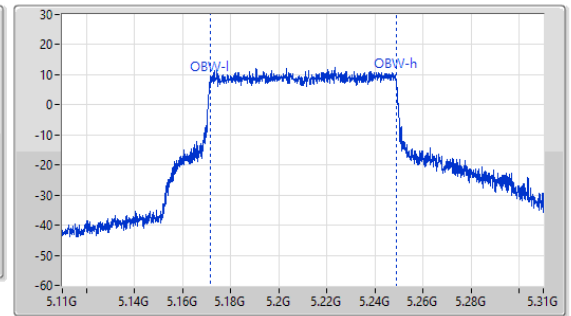
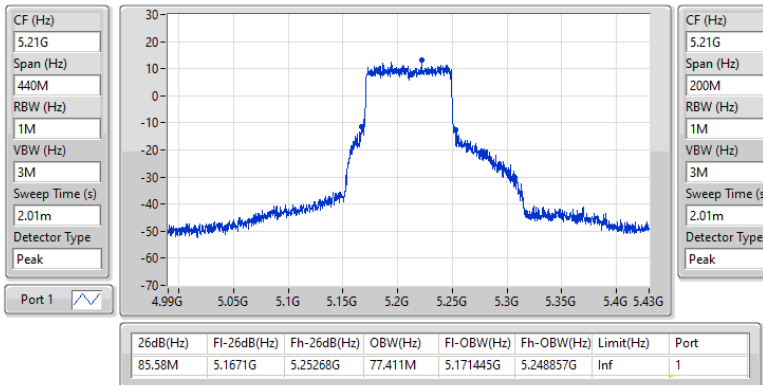

5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

23/06/2026

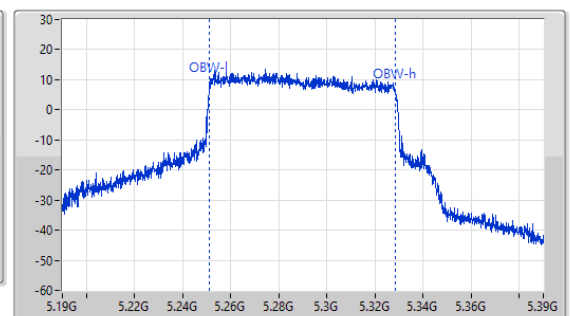
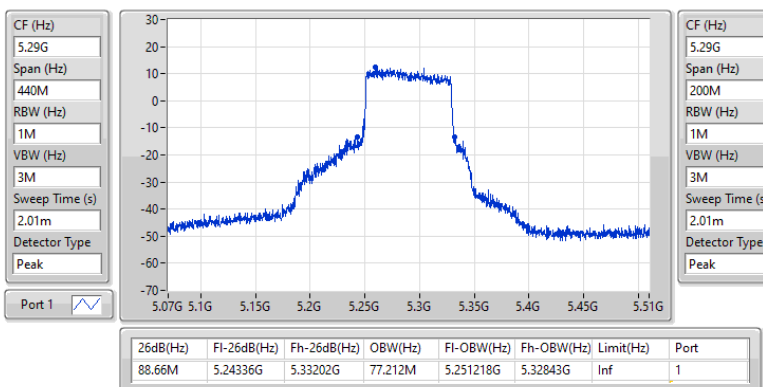


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

23/06/2026

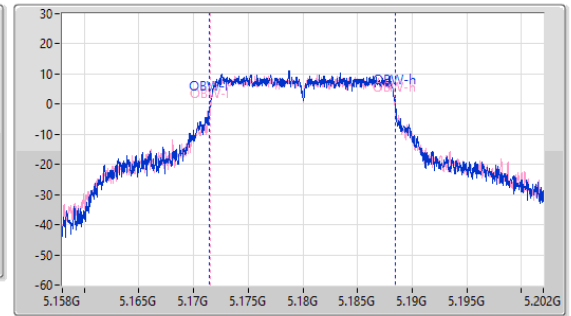
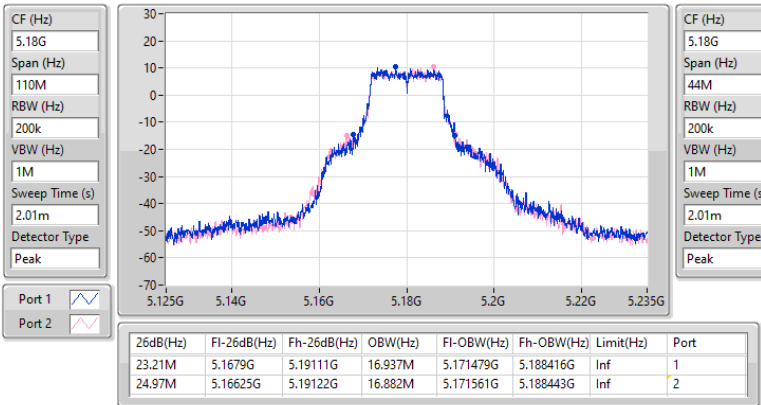

5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

23/06/2026

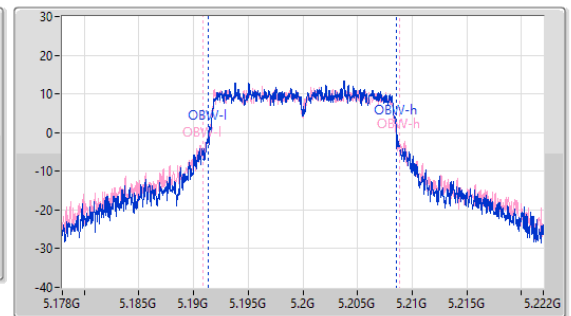
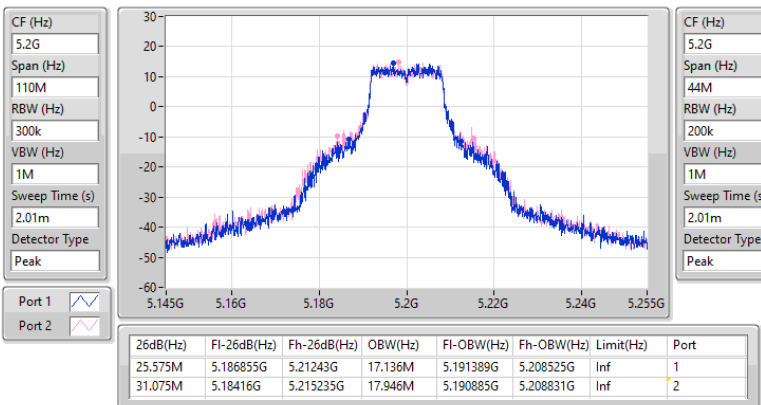


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

23/06/2026


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

23/06/2026

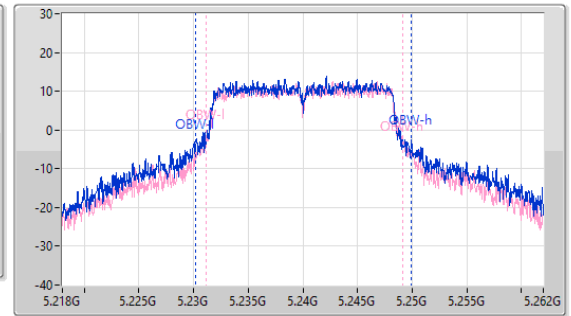
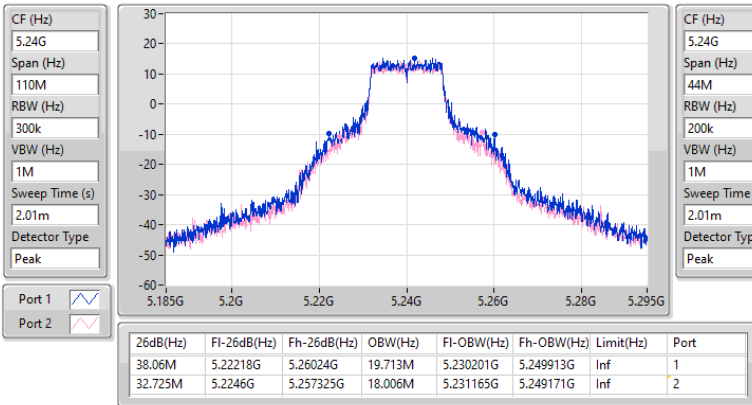


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

23/06/2026

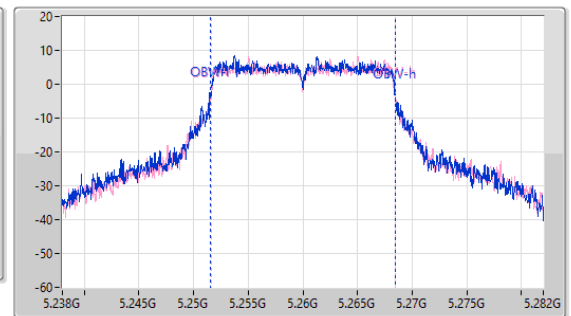
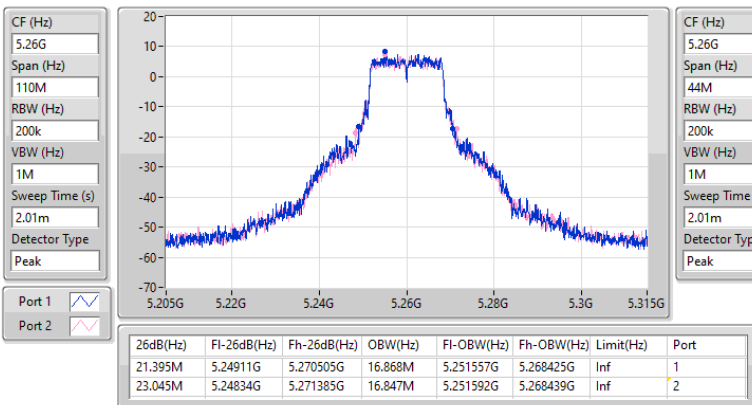


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

23/06/2026

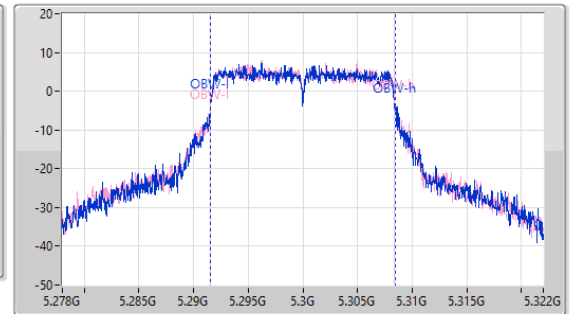
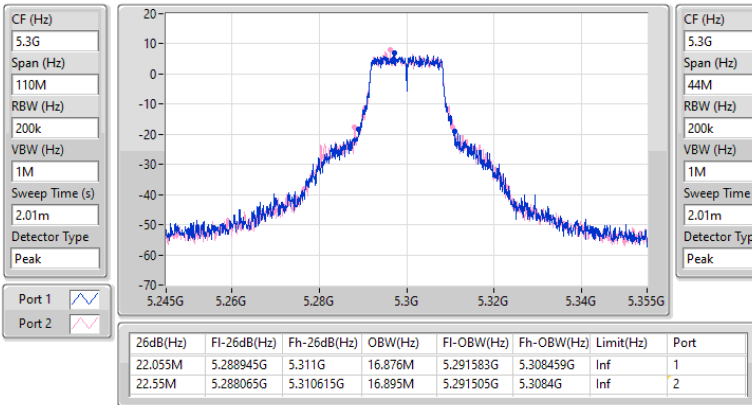


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

23/06/2026

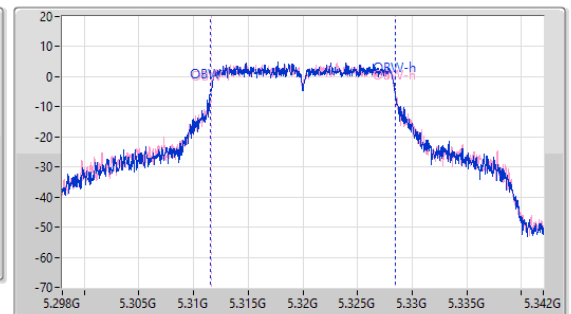
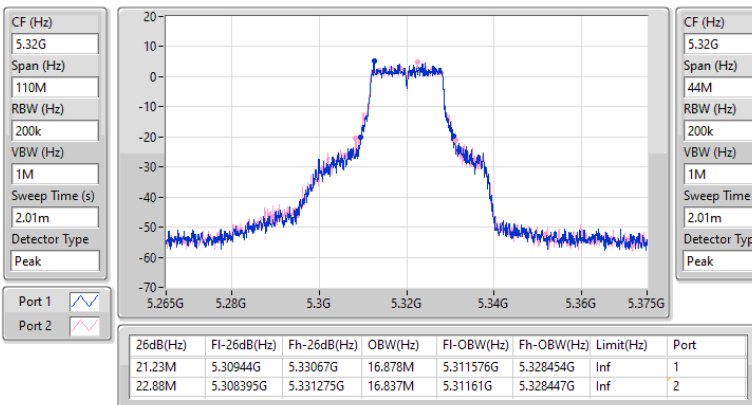


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

23/06/2026

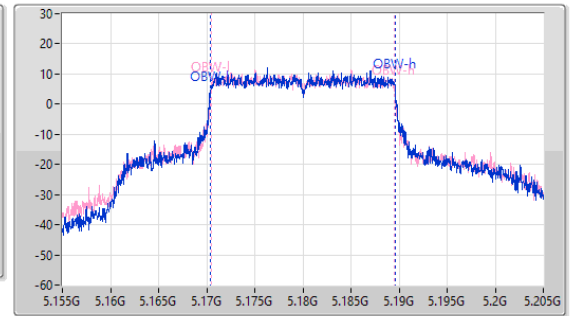
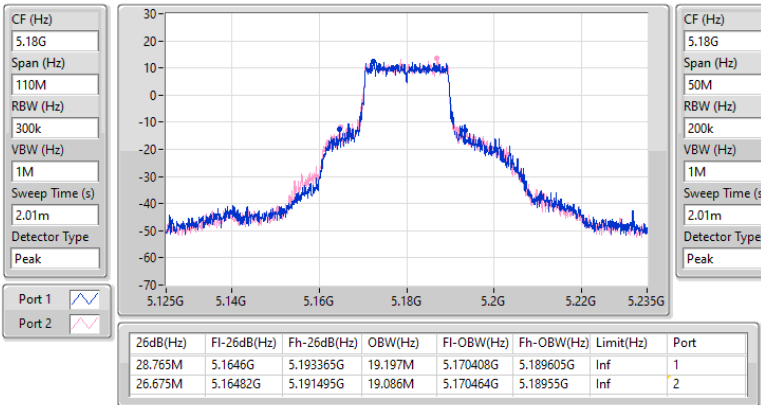


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

23/06/2026

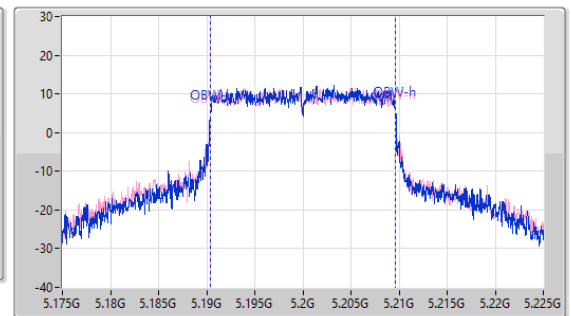
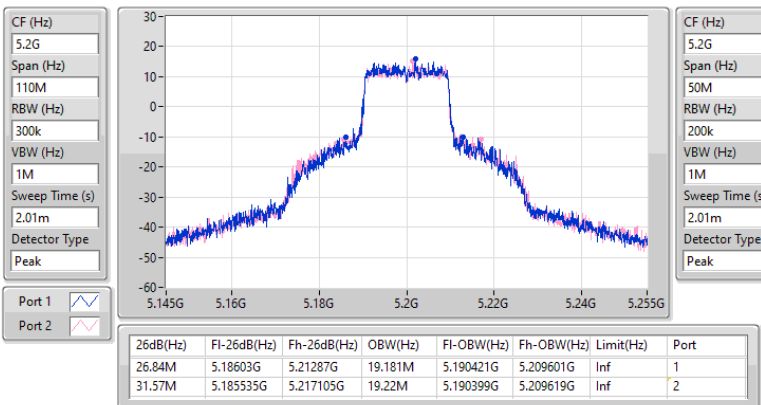


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

23/06/2026

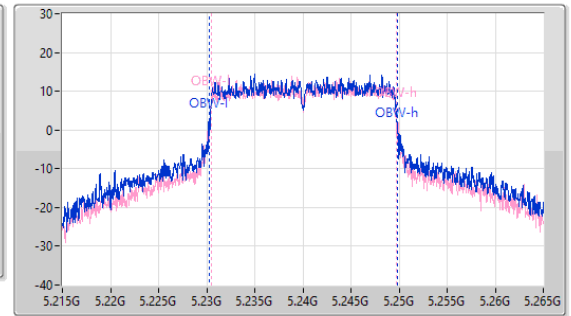
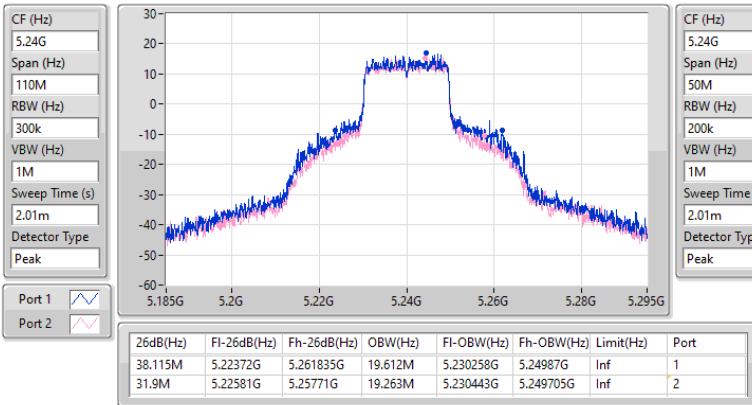


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

23/06/2026

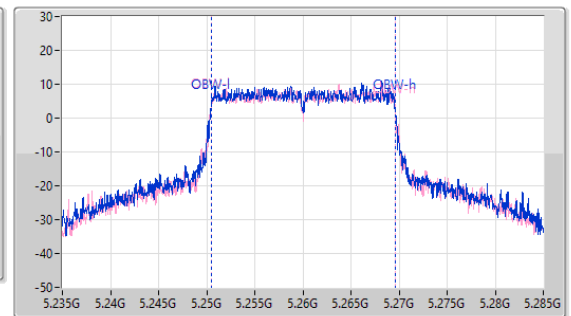
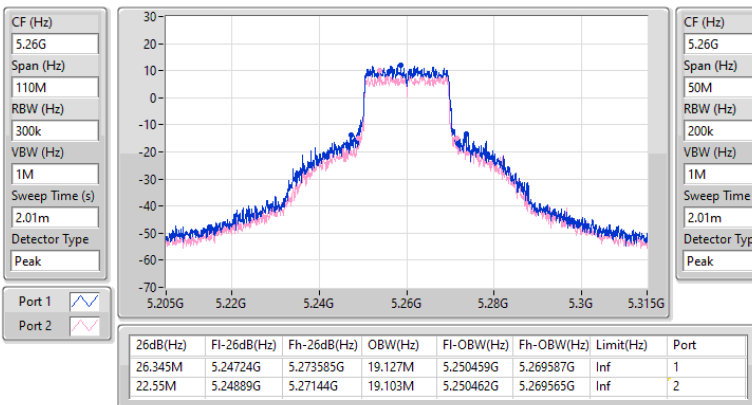


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

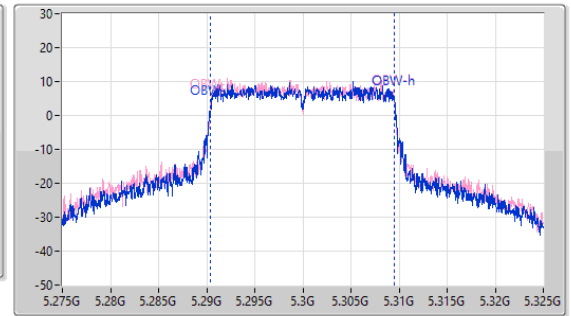
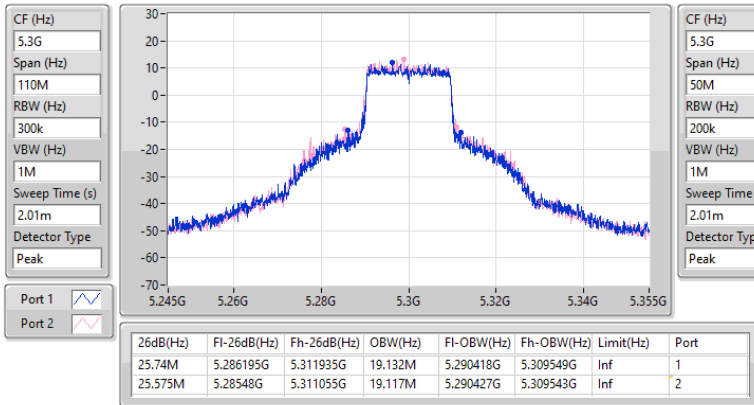
5260MHz

23/06/2026

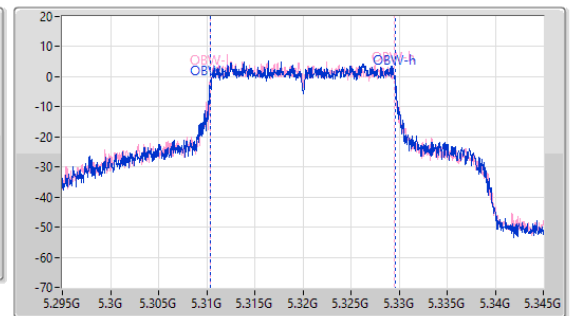
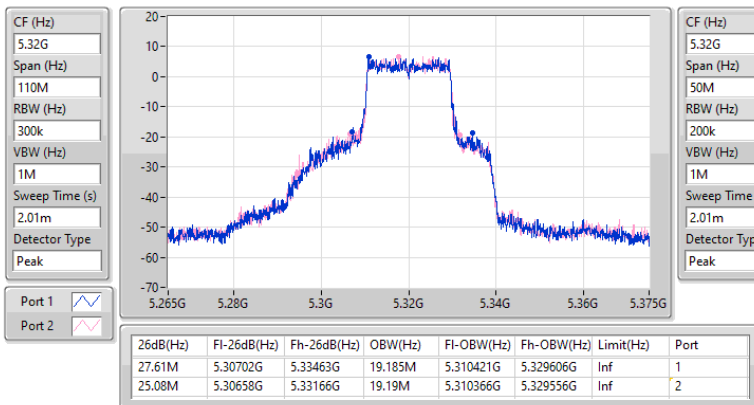


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

23/06/2026


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

23/06/2026

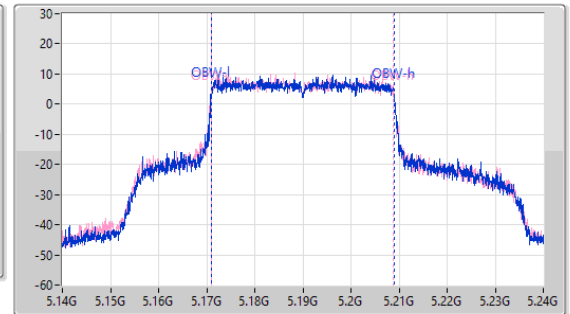
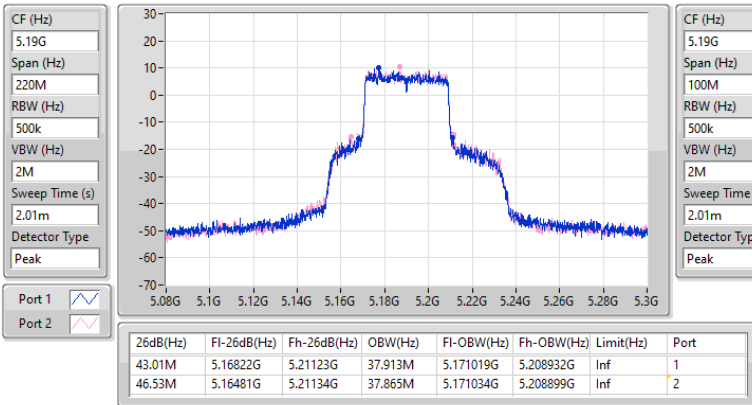


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

23/06/2026

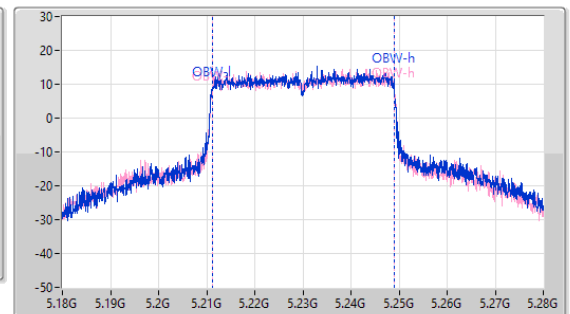
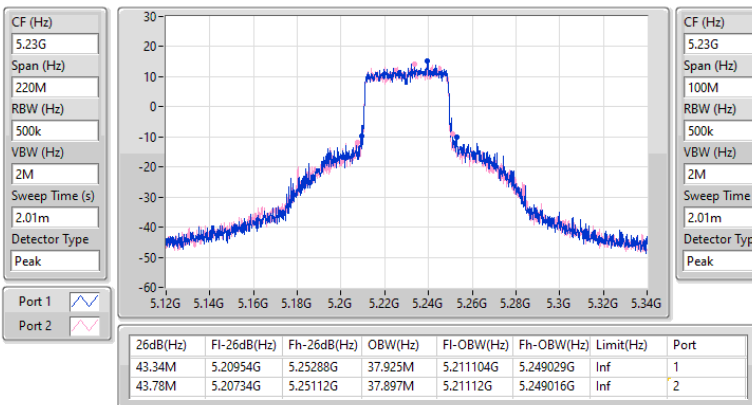


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

23/06/2026

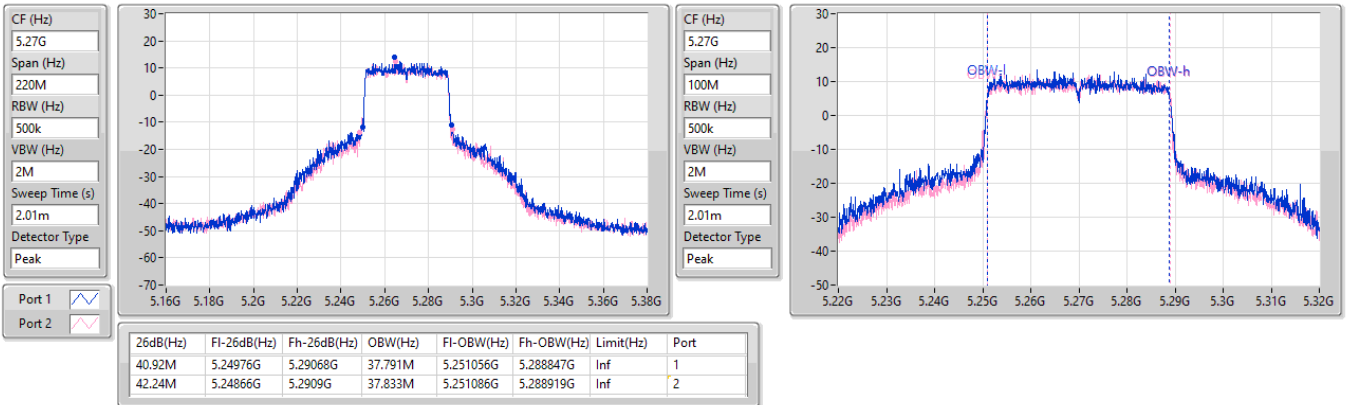


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

23/06/2026

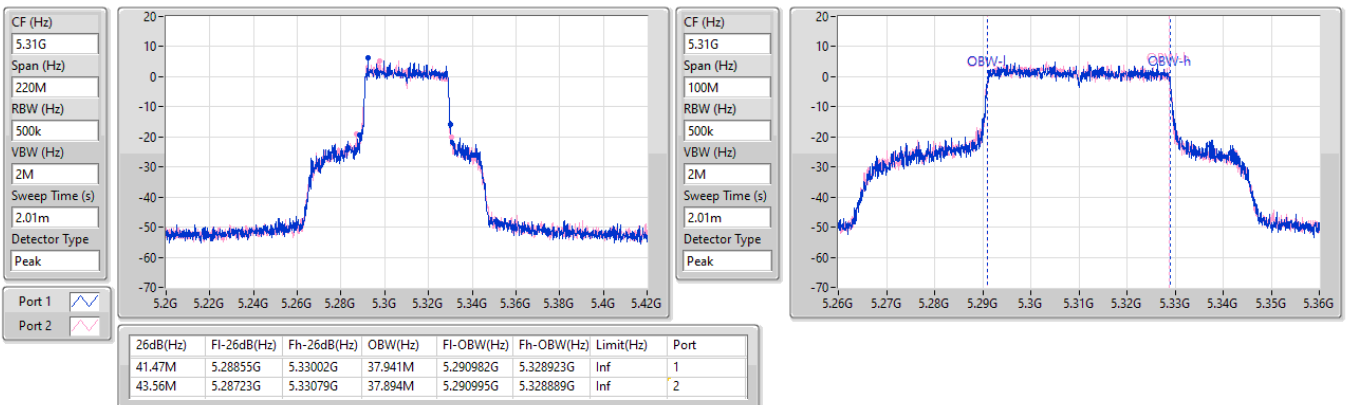


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

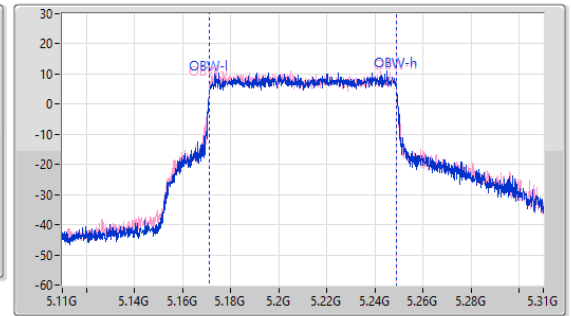
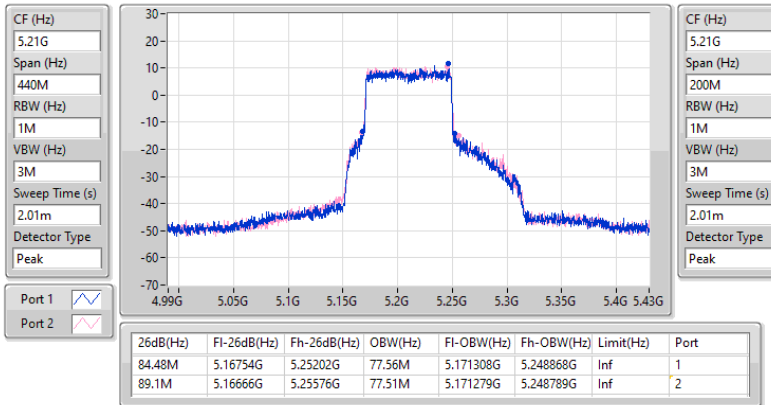
5310MHz

23/06/2026

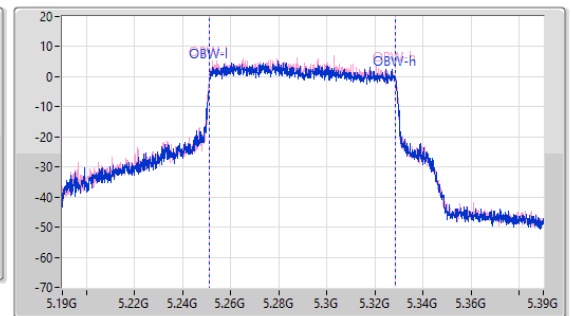
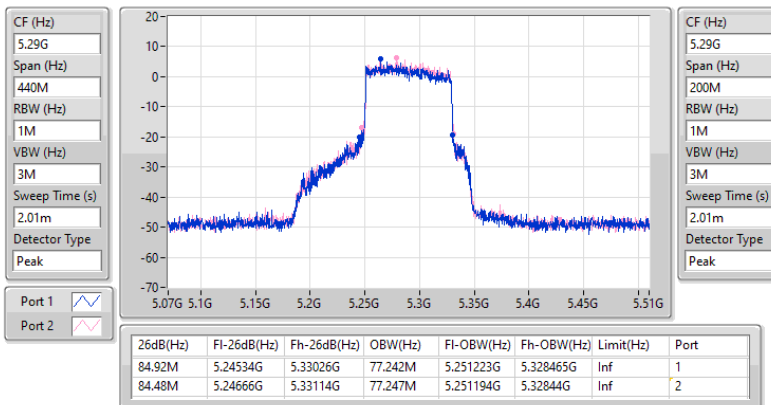


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

23/06/2026

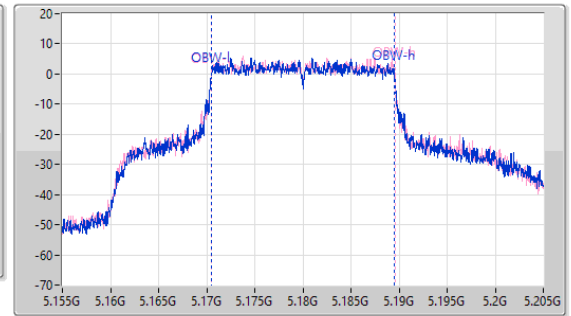
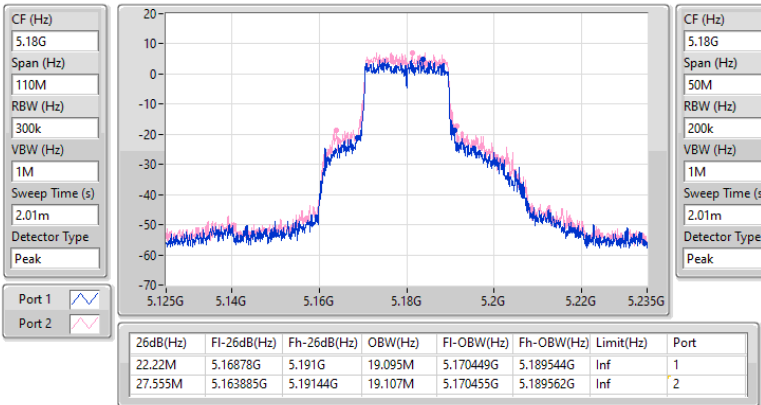

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

23/06/2026

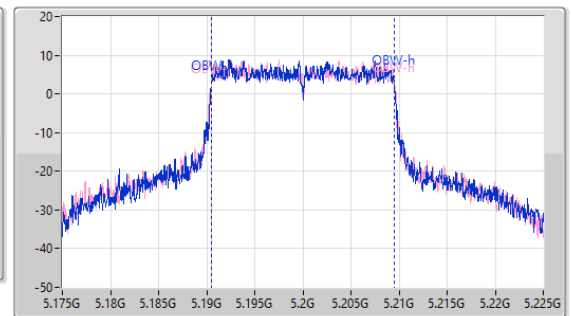
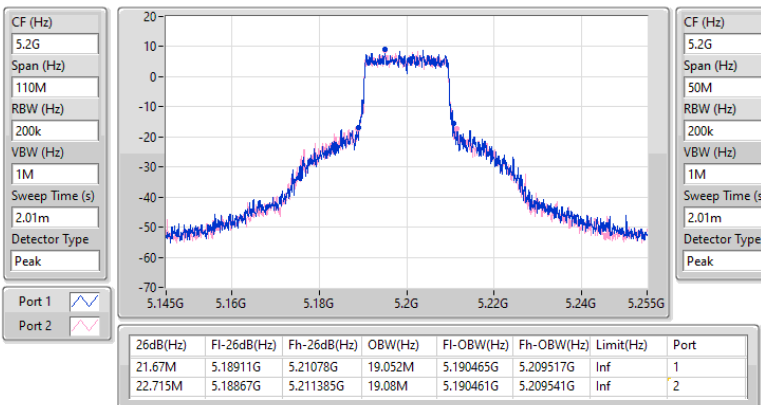


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5180MHz

23/06/2026

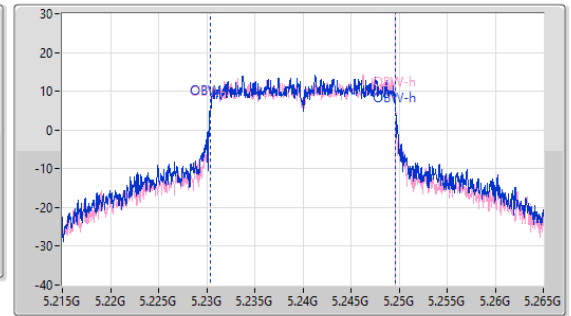
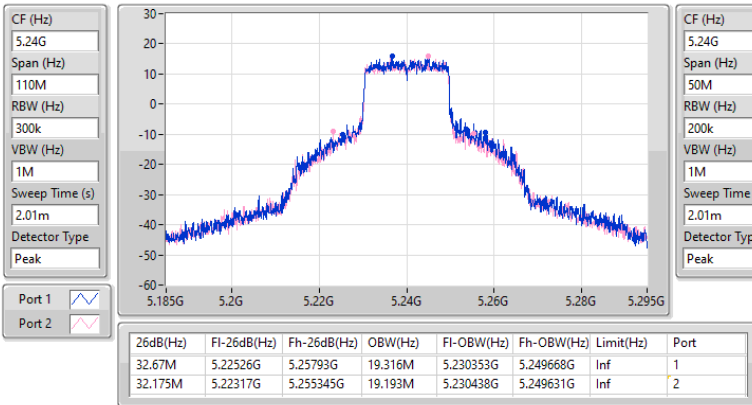

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5200MHz

23/06/2026

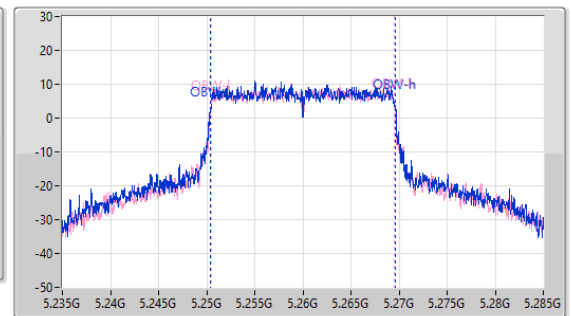
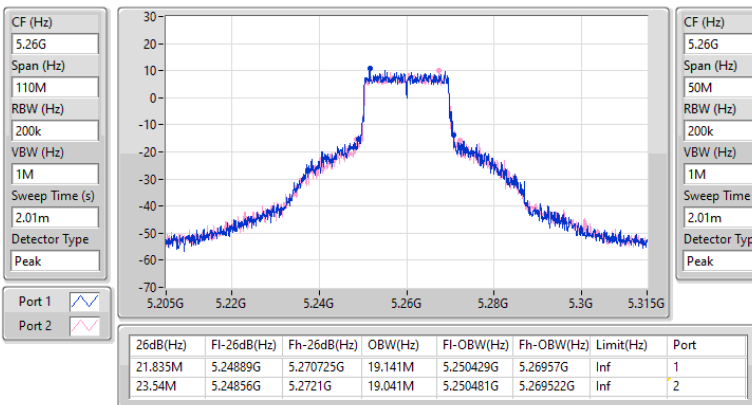


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5240MHz

23/06/2026

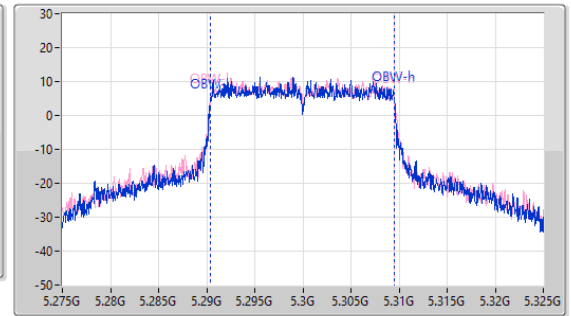
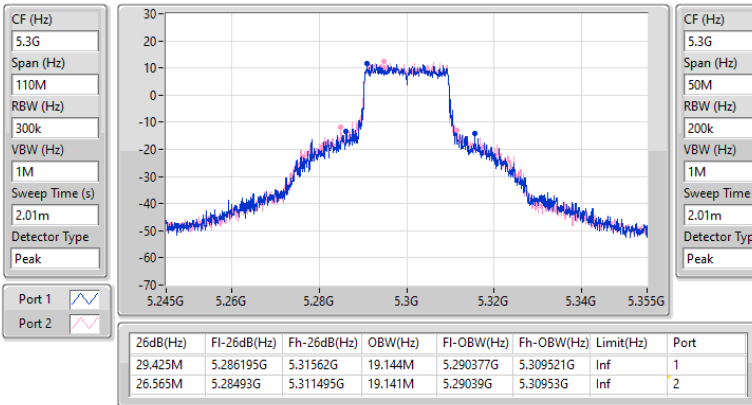

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5260MHz

23/06/2026

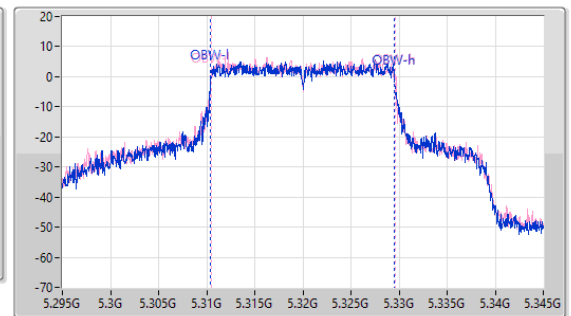
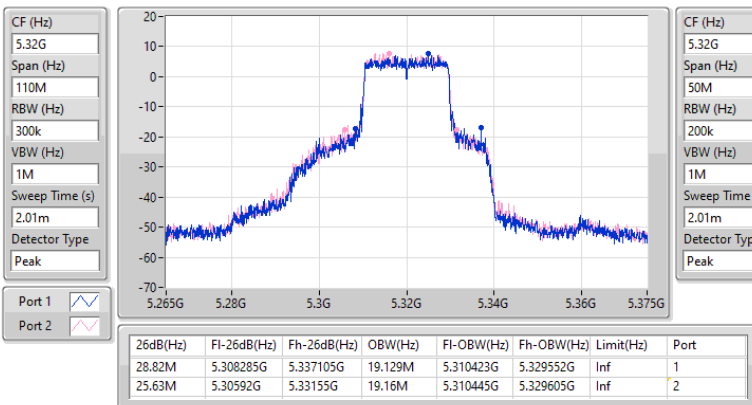


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5300MHz

23/06/2026

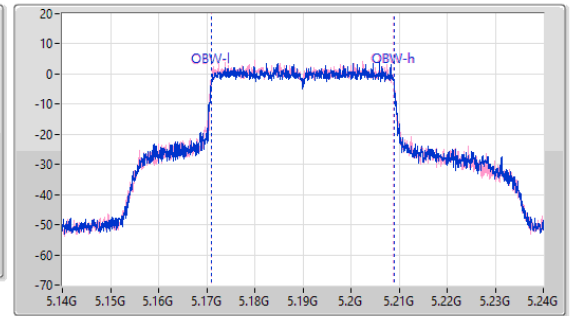
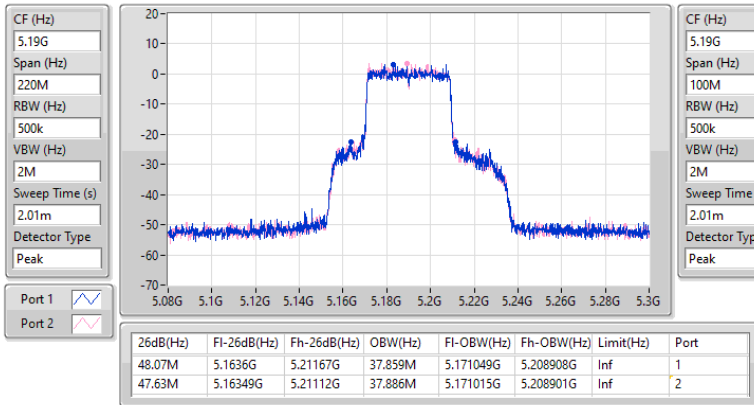

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

23/06/2026

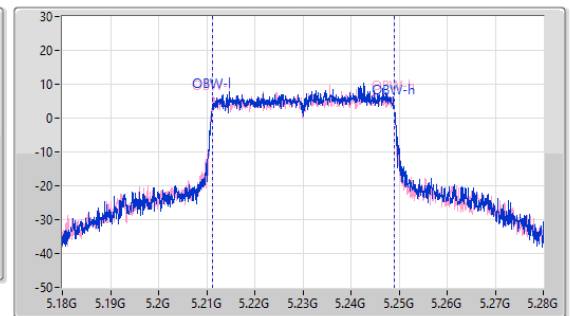
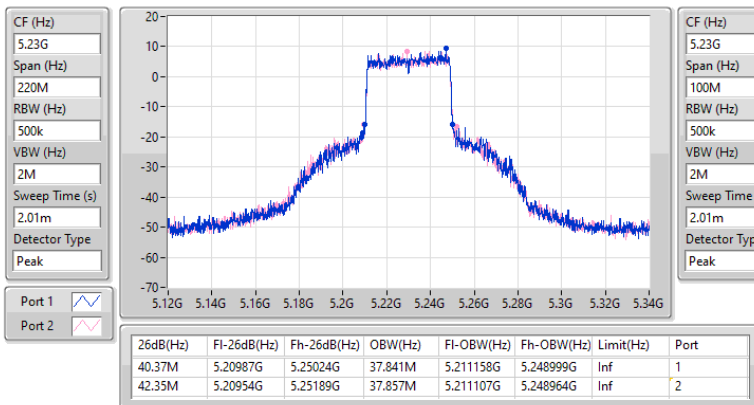


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5190MHz

23/06/2026


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5230MHz

23/06/2026

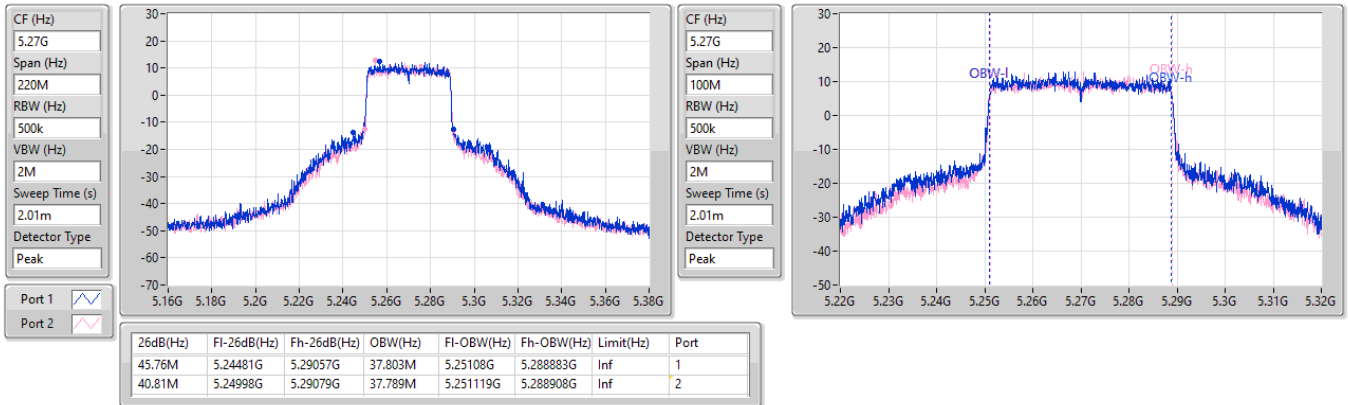


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

23/06/2026

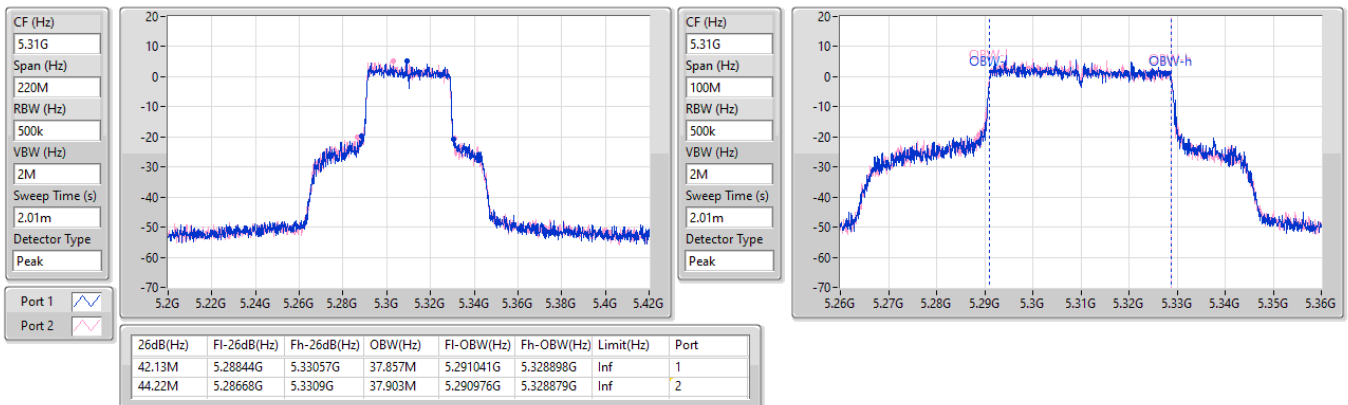


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

23/06/2026

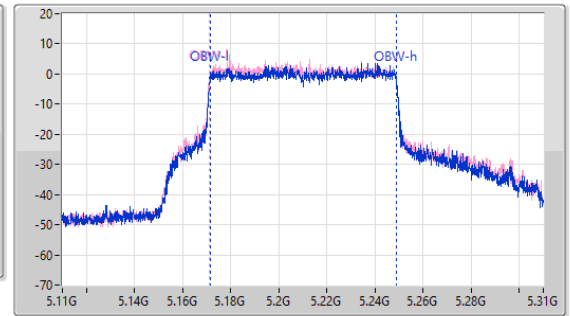
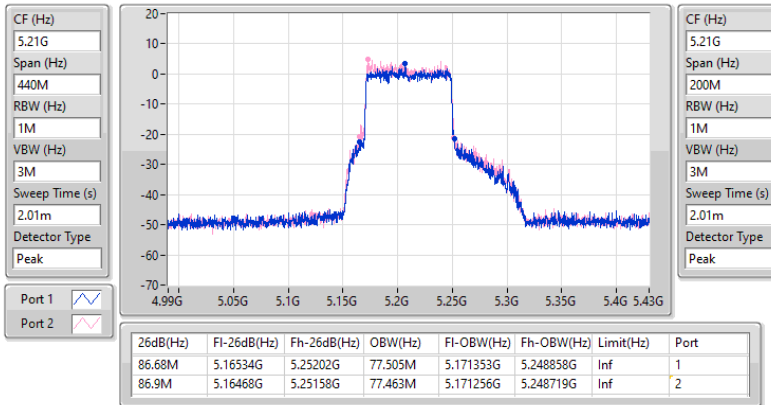


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

23/06/2026

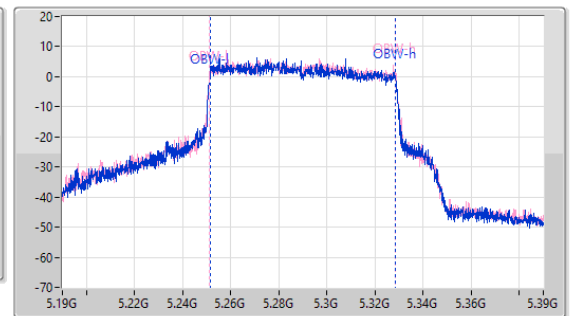
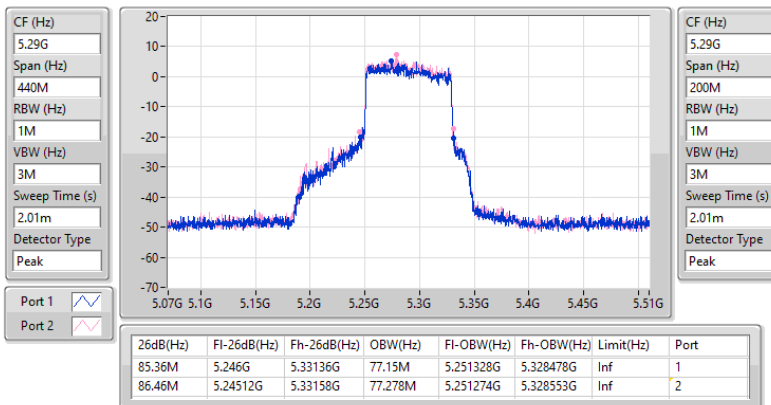


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

23/06/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	47.245M	30.079M	30M1D1D	36.905M	18.61M
802.11a_Nss1,(6Mbps)_2TX	46.75M	29.792M	29M8D1D	34.87M	18.289M
802.11be EHT20_Nss1,(MCS0)_1TX	49.83M	27.276M	27M3D1D	32.89M	19.305M
802.11be EHT20_Nss1,(MCS0)_2TX	49.61M	24.453M	24M5D1D	32.615M	19.22M
802.11be EHT20_Nss2,(MCS0)_2TX	38.17M	20.344M	20M3D1D	29.7M	19.174M
802.11be EHT40_Nss1,(MCS0)_1TX	83.16M	38.844M	38M8D1D	42.35M	37.885M
802.11be EHT40_Nss1,(MCS0)_2TX	74.36M	38.334M	38M3D1D	41.69M	37.91M
802.11be EHT40_Nss2,(MCS0)_2TX	74.8M	38.287M	38M3D1D	42.35M	37.873M
802.11be EHT80_Nss1,(MCS0)_1TX	84.48M	77.389M	77M4D1D	84.48M	77.389M
802.11be EHT80_Nss1,(MCS0)_2TX	96.58M	77.296M	77M3D1D	96.14M	77.234M
802.11be EHT80_Nss2,(MCS0)_2TX	87.12M	77.437M	77M4D1D	86.68M	77.344M
802.11be EHT160_Nss1,(MCS0)_1TX	83.12M	77.385M	77M4D1D	83.12M	77.385M
802.11be EHT160_Nss1,(MCS0)_2TX	81.68M	77.319M	77M3D1D	80.64M	77.181M
802.11be EHT160_Nss2,(MCS0)_2TX	80.88M	77.184M	77M2D1D	80.8M	77.159M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.39M	19.222M	19M2D1D	33.11M	19.085M
802.11a_Nss1,(6Mbps)_2TX	27.28M	17.288M	17M3D1D	21.89M	16.927M
802.11be EHT20_Nss1,(MCS0)_1TX	39.655M	19.679M	19M7D1D	34.76M	19.359M
802.11be EHT20_Nss1,(MCS0)_2TX	30.36M	19.254M	19M3D1D	25.245M	19.093M
802.11be EHT20_Nss2,(MCS0)_2TX	31.515M	19.211M	19M2D1D	22.825M	19.064M
802.11be EHT40_Nss1,(MCS0)_1TX	75.13M	38.753M	38M8D1D	45.54M	37.946M
802.11be EHT40_Nss1,(MCS0)_2TX	48.95M	37.865M	37M9D1D	42.79M	37.776M
802.11be EHT40_Nss2,(MCS0)_2TX	42.13M	37.919M	37M9D1D	40.04M	37.853M
802.11be EHT80_Nss1,(MCS0)_1TX	91.08M	77.277M	77M3D1D	91.08M	77.277M
802.11be EHT80_Nss1,(MCS0)_2TX	86.24M	77.338M	77M3D1D	83.6M	77.197M
802.11be EHT80_Nss2,(MCS0)_2TX	83.38M	77.335M	77M3D1D	83.16M	77.2M
802.11be EHT160_Nss1,(MCS0)_1TX	86.88M	77.305M	77M3D1D	86.88M	77.305M
802.11be EHT160_Nss1,(MCS0)_2TX	83.68M	77.347M	77M3D1D	82.72M	77.334M
802.11be EHT160_Nss2,(MCS0)_2TX	81.2M	77.388M	77M4D1D	81.12M	77.061M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	35.09M	18.02M	18M0D1D	21.51M	14.643M
802.11a_Nss1,(6Mbps)_2TX	27.17M	17.001M	17M0D1D	16.125M	13.603M
802.11be EHT20_Nss1,(MCS0)_1TX	38.555M	19.247M	19M2D1D	21.175M	14.865M
802.11be EHT20_Nss1,(MCS0)_2TX	27.885M	19.152M	19M2D1D	18.075M	14.58M
802.11be EHT20_Nss2,(MCS0)_2TX	27.28M	19.133M	19M1D1D	18.135M	14.573M
802.11be EHT40_Nss1,(MCS0)_1TX	69.41M	38.486M	38M5D1D	42.02M	34.321M
802.11be EHT40_Nss1,(MCS0)_2TX	47.565M	37.922M	37M9D1D	37.03M	33.745M
802.11be EHT40_Nss2,(MCS0)_2TX	50.38M	37.896M	37M9D1D	35M	33.797M
802.11be EHT80_Nss1,(MCS0)_1TX	129.36M	77.969M	78M0D1D	86.24M	74.117M
802.11be EHT80_Nss1,(MCS0)_2TX	91.52M	77.452M	77M5D1D	77.175M	73.188M
802.11be EHT80_Nss2,(MCS0)_2TX	92.84M	77.418M	77M4D1D	79.5M	73.235M
802.11be EHT160_Nss1,(MCS0)_1TX	169.4M	156.302M	156MD1D	169.4M	156.302M
802.11be EHT160_Nss1,(MCS0)_2TX	162.8M	156.264M	156MD1D	161.92M	156.226M
802.11be EHT160_Nss2,(MCS0)_2TX	162.8M	156.191M	156MD1D	162.36M	155.944M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	26.32M	26M3D1D	3.28M	9.761M
802.11a_Nss1,(6Mbps)_2TX	16.555M	27.639M	27M6D1D	3.12M	5.051M
802.11be EHT20_Nss1,(MCS0)_1TX	18.975M	30.842M	30M8D1D	4.58M	10.157M
802.11be EHT20_Nss1,(MCS0)_2TX	19.085M	31.737M	31M7D1D	4.52M	5.49M
802.11be EHT20_Nss2,(MCS0)_2TX	18.865M	31.673M	31M7D1D	4.26M	5.681M
802.11be EHT40_Nss1,(MCS0)_1TX	35.97M	58.662M	58M7D1D	4.04M	23.22M
802.11be EHT40_Nss1,(MCS0)_2TX	37.95M	51.811M	51M8D1D	3.7M	11.591M
802.11be EHT40_Nss2,(MCS0)_2TX	37.73M	53.007M	53M0D1D	3.52M	12.474M
802.11be EHT80_Nss1,(MCS0)_1TX	74.36M	78.099M	78M1D1D	3.24M	34.809M



EBW_Mode 2

Appendix B.2

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11be EHT80_Nss1,(MCS0)_2TX	75.9M	77.701M	77M7D1D	2.84M	19.928M
802.11be EHT80_Nss2,(MCS0)_2TX	75.9M	77.812M	77M8D1D	3.9M	21.213M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	39.38M	21.875M		
5200MHz	Pass	Inf	47.245M	30.079M		
5240MHz	Pass	Inf	36.905M	18.61M		
5260MHz	Pass	Inf	38.39M	19.085M		
5300MHz	Pass	Inf	33.11M	19.18M		
5320MHz	Pass	Inf	36.245M	19.222M		
5500MHz	Pass	Inf	30.14M	17.559M		
5580MHz	Pass	Inf	35.09M	18.02M		
5700MHz	Pass	Inf	21.615M	16.724M		
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.51M	14.643M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	9.761M		
5745MHz	Pass	500k	16.335M	26.32M		
5785MHz	Pass	500k	16.555M	26.004M		
5825MHz	Pass	500k	16.555M	25.871M		
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	32.89M	19.305M		
5200MHz	Pass	Inf	49.83M	27.276M		
5240MHz	Pass	Inf	42.075M	19.694M		
5260MHz	Pass	Inf	39.655M	19.679M		
5300MHz	Pass	Inf	34.925M	19.606M		
5320MHz	Pass	Inf	34.76M	19.359M		
5500MHz	Pass	Inf	25.41M	19.16M		
5580MHz	Pass	Inf	38.555M	19.247M		
5700MHz	Pass	Inf	21.175M	19.008M		
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.005M	14.865M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	10.157M		
5745MHz	Pass	500k	18.975M	29.577M		
5785MHz	Pass	500k	18.535M	30.842M		
5825MHz	Pass	500k	18.92M	30.662M		
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.35M	37.885M		
5230MHz	Pass	Inf	83.16M	38.844M		
5270MHz	Pass	Inf	75.13M	38.753M		
5310MHz	Pass	Inf	45.54M	37.946M		
5510MHz	Pass	Inf	43.12M	37.85M		
5550MHz	Pass	Inf	69.41M	38.486M		
5670MHz	Pass	Inf	42.02M	37.828M		
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	56.245M	34.321M		
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	23.22M		
5755MHz	Pass	500k	35.86M	38.555M		
5795MHz	Pass	500k	35.97M	58.662M		
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.48M	77.389M		
5290MHz	Pass	Inf	91.08M	77.277M		
5530MHz	Pass	Inf	86.24M	77.466M		
5610MHz	Pass	Inf	129.36M	77.969M		
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	105.3M	74.117M		
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	34.809M		
5775MHz	Pass	500k	74.36M	78.099M		
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.12M	77.385M		
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	86.88M	77.305M		
5570MHz	Pass	Inf	169.4M	156.302M		
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-

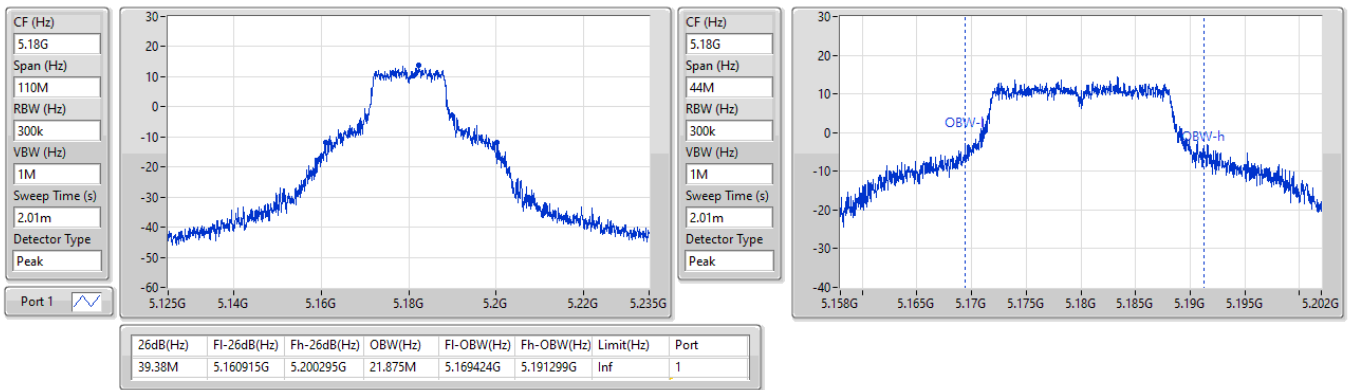
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5180MHz	Pass	Inf	35.915M	18.735M	35.475M	20.466M
5200MHz	Pass	Inf	42.735M	27.512M	46.75M	29.792M
5240MHz	Pass	Inf	36.41M	18.289M	34.87M	19.013M
5260MHz	Pass	Inf	23.32M	16.988M	21.89M	16.952M
5300MHz	Pass	Inf	22.99M	16.927M	26.125M	16.987M
5320MHz	Pass	Inf	27.28M	17.288M	22.495M	17.126M
5500MHz	Pass	Inf	26.18M	16.899M	27.17M	17.001M
5580MHz	Pass	Inf	21.175M	16.859M	21.945M	16.854M
5700MHz	Pass	Inf	20.955M	16.703M	20.9M	16.645M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.905M	13.603M	16.125M	13.702M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	5.051M	3.12M	5.249M
5745MHz	Pass	500k	15.18M	25.931M	16.335M	27.639M
5785MHz	Pass	500k	16.445M	26.017M	16.555M	27.097M
5825MHz	Pass	500k	16.39M	25.412M	16.5M	26.539M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	35.915M	19.22M	32.615M	19.392M
5200MHz	Pass	Inf	49.61M	21.394M	47.08M	24.453M
5240MHz	Pass	Inf	36.63M	19.454M	38.28M	19.64M
5260MHz	Pass	Inf	27.885M	19.254M	29.59M	19.093M
5300MHz	Pass	Inf	26.07M	19.118M	25.245M	19.149M
5320MHz	Pass	Inf	30.36M	19.126M	28.215M	19.155M
5500MHz	Pass	Inf	26.785M	19.073M	27.885M	19.147M
5580MHz	Pass	Inf	21.45M	19.086M	23.485M	19.152M
5700MHz	Pass	Inf	21.34M	19.01M	21.56M	18.995M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.54M	14.58M	18.075M	14.611M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	5.49M	4.52M	6.554M
5745MHz	Pass	500k	18.37M	22.566M	18.975M	26.912M
5785MHz	Pass	500k	19.03M	31.155M	18.04M	31.737M
5825MHz	Pass	500k	19.085M	30.542M	18.425M	31.672M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.1M	37.91M	41.69M	37.955M
5230MHz	Pass	Inf	74.36M	38.32M	69.63M	38.334M
5270MHz	Pass	Inf	43.12M	37.857M	48.95M	37.865M
5310MHz	Pass	Inf	42.79M	37.776M	45.1M	37.855M
5510MHz	Pass	Inf	45.1M	37.872M	42.57M	37.922M
5550MHz	Pass	Inf	41.47M	37.833M	42.02M	37.87M
5670MHz	Pass	Inf	42.79M	37.779M	43.23M	37.895M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.03M	33.745M	47.565M	33.817M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	11.591M	3.7M	12.092M
5755MHz	Pass	500k	37.51M	38.265M	37.29M	38.546M
5795MHz	Pass	500k	37.4M	50.357M	37.95M	51.811M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	96.14M	77.234M	96.58M	77.296M
5290MHz	Pass	Inf	83.6M	77.338M	86.24M	77.197M
5530MHz	Pass	Inf	89.54M	77.368M	91.52M	77.452M
5610MHz	Pass	Inf	83.6M	77.276M	87.78M	77.395M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.175M	73.188M	80.175M	73.316M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	2.84M	19.928M	3.44M	21.702M
5775MHz	Pass	500k	75.9M	77.494M	68.42M	77.701M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.68M	77.181M	80.64M	77.319M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.72M	77.334M	83.68M	77.347M
5570MHz	Pass	Inf	162.8M	156.226M	161.92M	156.264M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	29.7M	19.174M	35.915M	19.31M
5200MHz	Pass	Inf	38.17M	19.465M	36.135M	20.344M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5240MHz	Pass	Inf	36.575M	19.429M	37.565M	19.612M
5260MHz	Pass	Inf	23.76M	19.111M	22.825M	19.064M
5300MHz	Pass	Inf	25.85M	19.112M	29.315M	19.129M
5320MHz	Pass	Inf	31.515M	19.157M	30.415M	19.211M
5500MHz	Pass	Inf	25.3M	19.113M	27.28M	19.133M
5580MHz	Pass	Inf	24.805M	19.052M	23.65M	19.058M
5700MHz	Pass	Inf	20.9M	19.044M	21.175M	19.042M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.03M	14.584M	18.135M	14.573M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.681M	4.26M	6.931M
5745MHz	Pass	500k	16.83M	22.589M	18.425M	26.939M
5785MHz	Pass	500k	18.865M	30.856M	18.535M	31.673M
5825MHz	Pass	500k	18.7M	30.07M	14.135M	31.165M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.35M	37.914M	46.97M	37.873M
5230MHz	Pass	Inf	72.27M	38.275M	74.8M	38.287M
5270MHz	Pass	Inf	40.04M	37.879M	41.14M	37.89M
5310MHz	Pass	Inf	42.13M	37.853M	42.02M	37.919M
5510MHz	Pass	Inf	40.26M	37.808M	50.38M	37.822M
5550MHz	Pass	Inf	42.24M	37.886M	41.03M	37.896M
5670MHz	Pass	Inf	41.36M	37.825M	41.91M	37.791M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.4M	33.813M	35M	33.797M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	12.823M	3.52M	12.474M
5755MHz	Pass	500k	37.73M	38.189M	37.18M	38.386M
5795MHz	Pass	500k	37.18M	47.338M	36.85M	53.007M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.68M	77.344M	87.12M	77.437M
5290MHz	Pass	Inf	83.38M	77.2M	83.16M	77.335M
5530MHz	Pass	Inf	86.9M	77.401M	90.42M	77.386M
5610MHz	Pass	Inf	86.24M	77.364M	92.84M	77.418M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.5M	73.375M	83.925M	73.235M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	21.213M	3.92M	23.791M
5775MHz	Pass	500k	75.9M	77.675M	75.68M	77.812M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.159M	80.88M	77.184M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.2M	77.388M	81.12M	77.061M
5570MHz	Pass	Inf	162.8M	155.944M	162.36M	156.191M

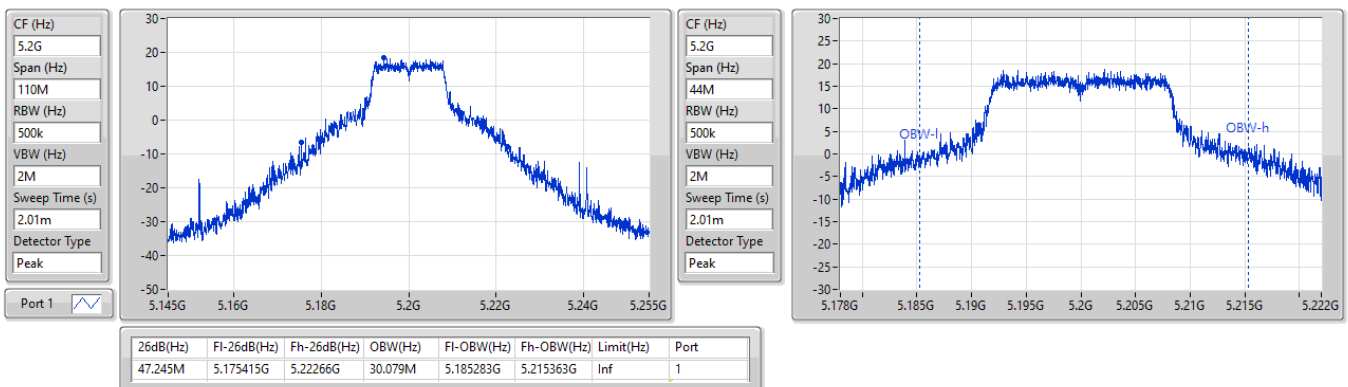
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

23/06/2026

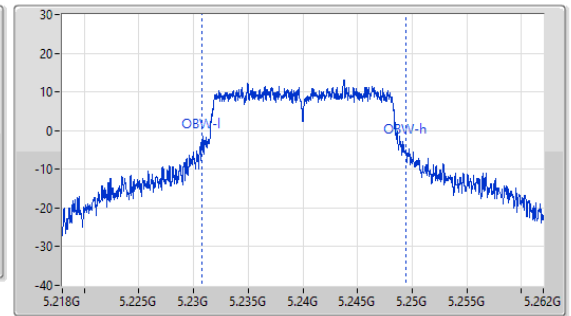
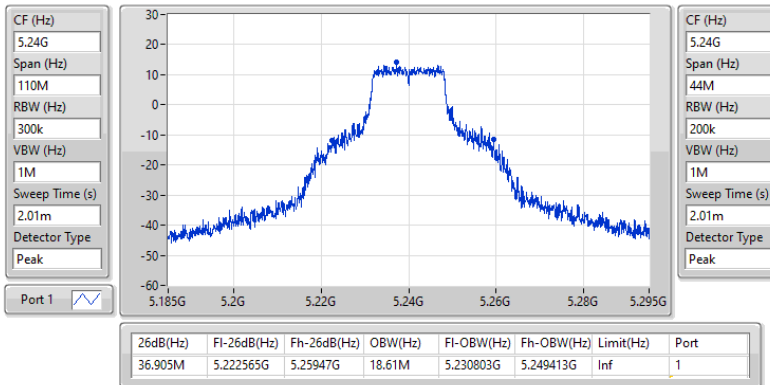

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

23/06/2026

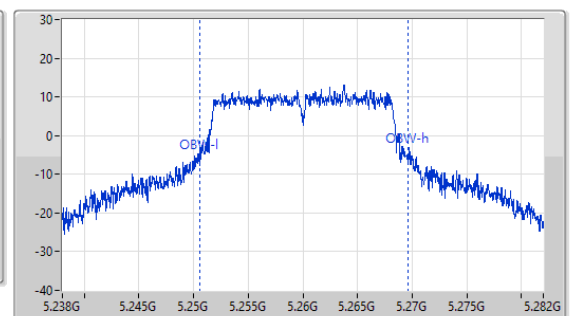
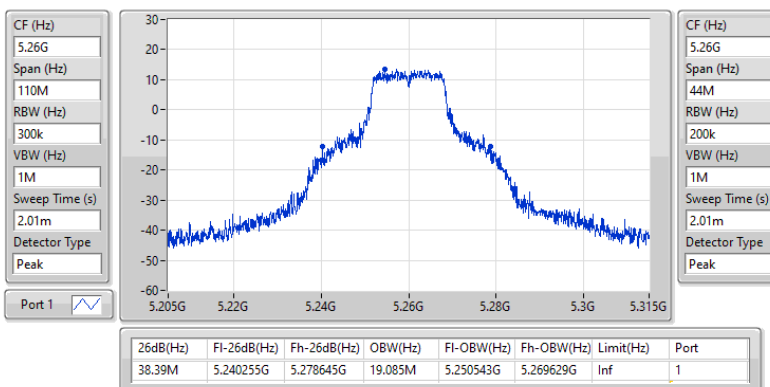


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

23/06/2026


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

23/06/2026

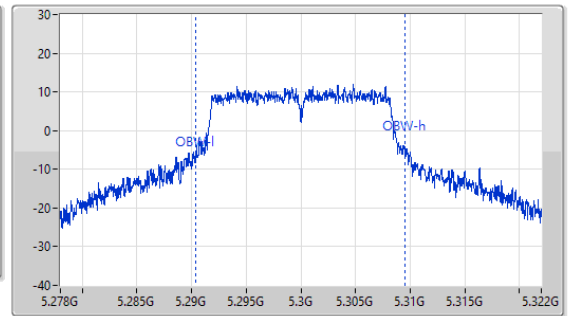
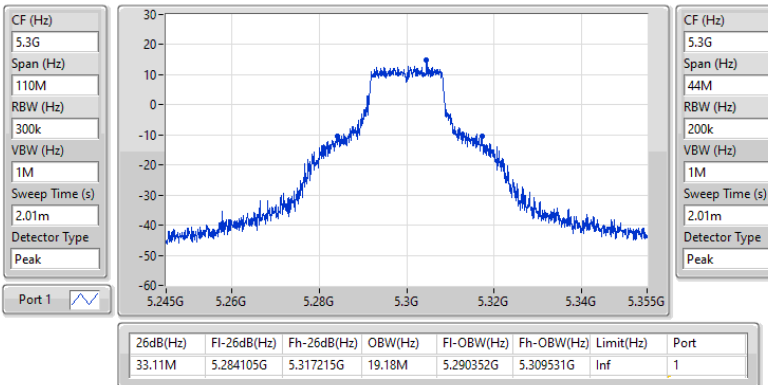


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

23/06/2026

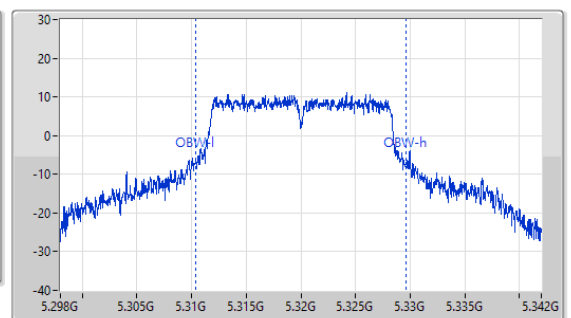
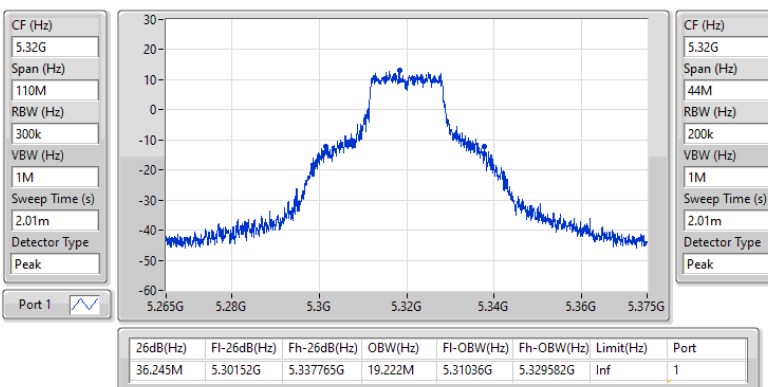


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

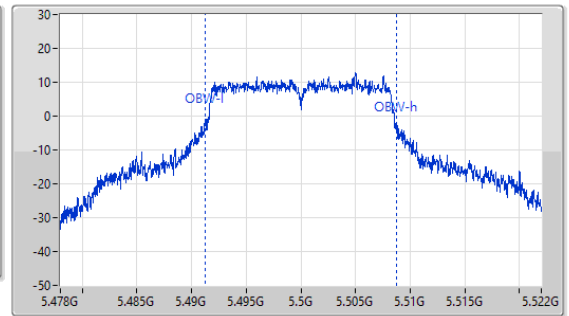
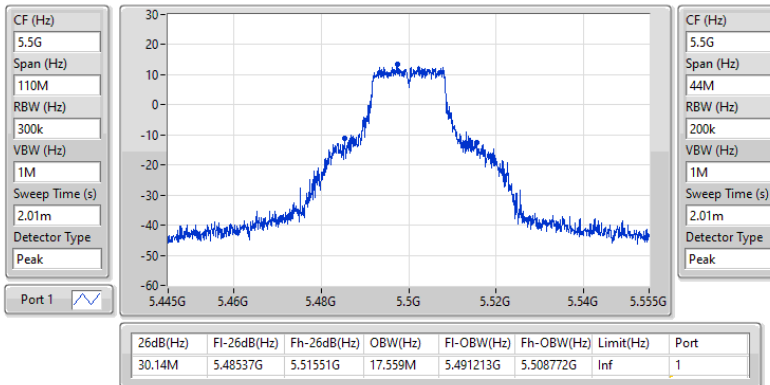
5320MHz

23/06/2026

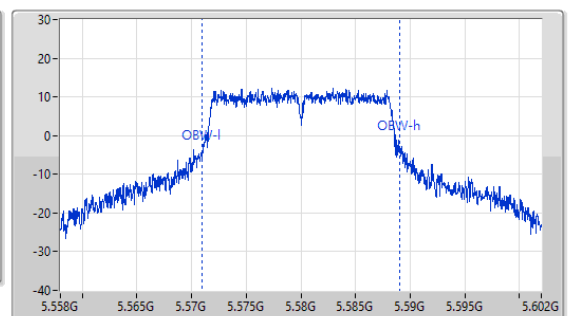
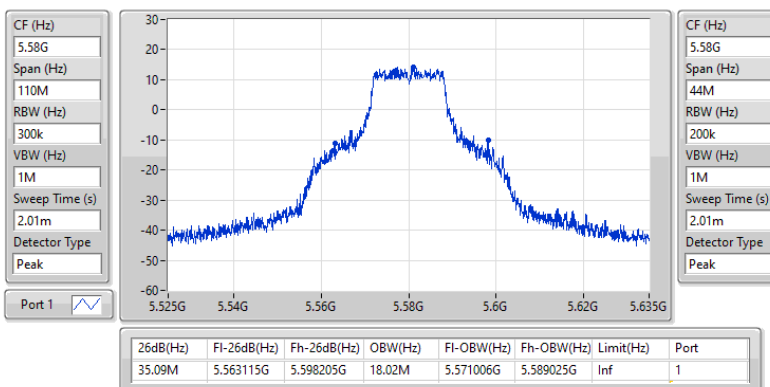


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

23/06/2026

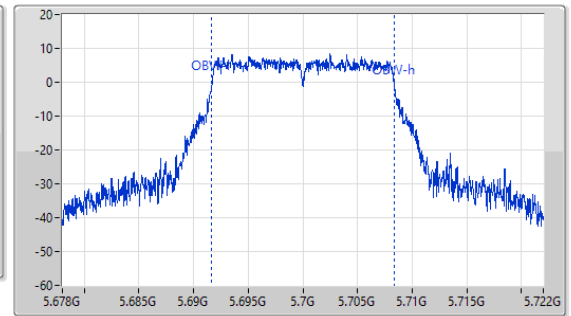
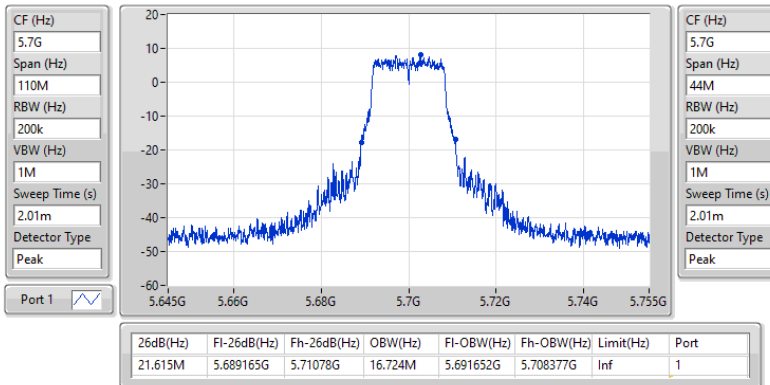

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

23/06/2026

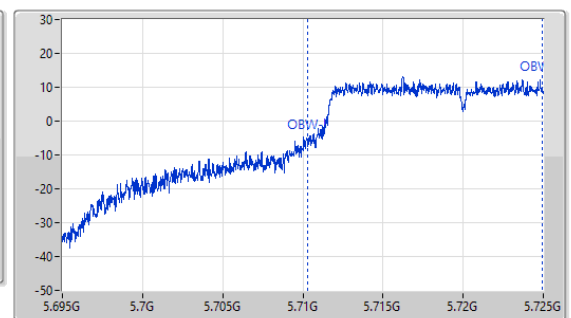
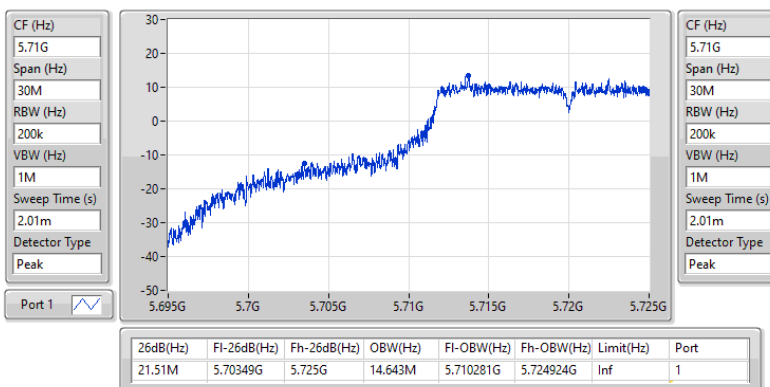


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

23/06/2026


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/06/2026

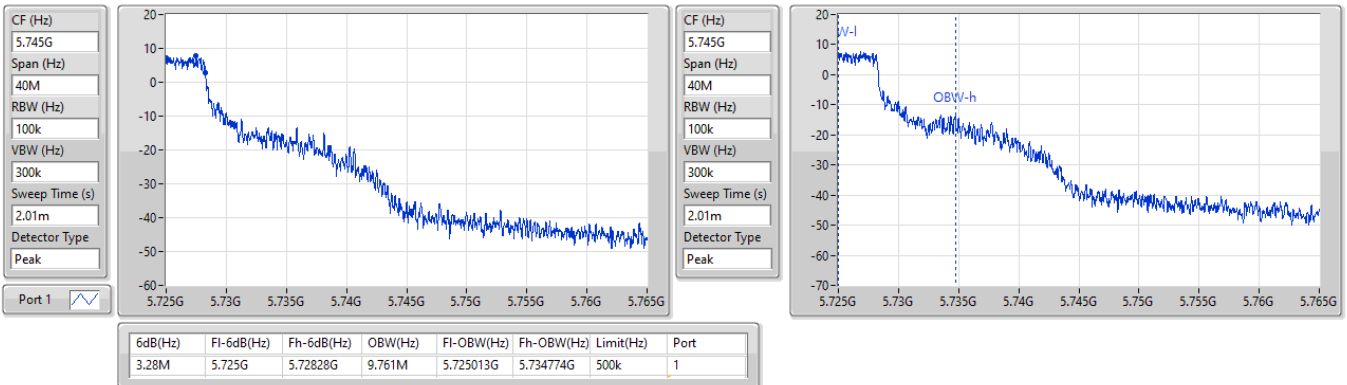


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

23/06/2026

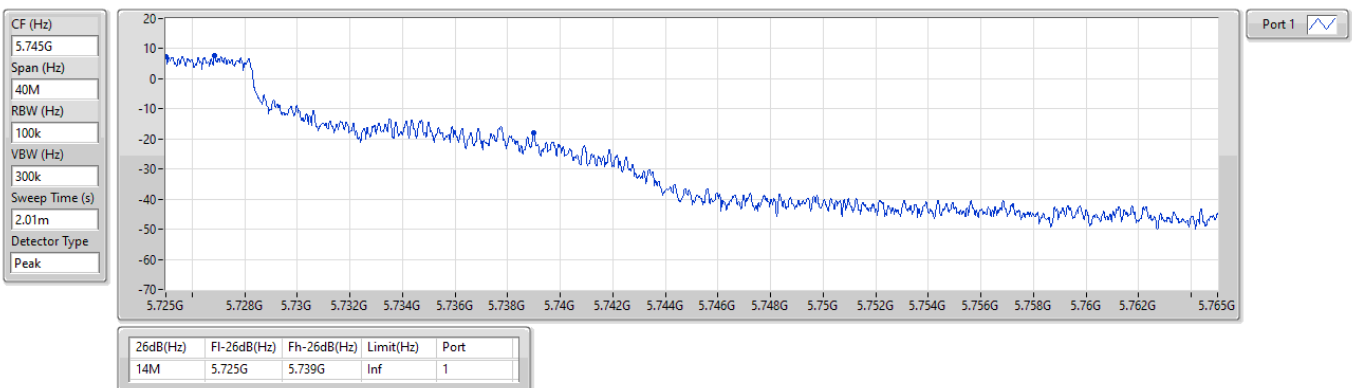


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

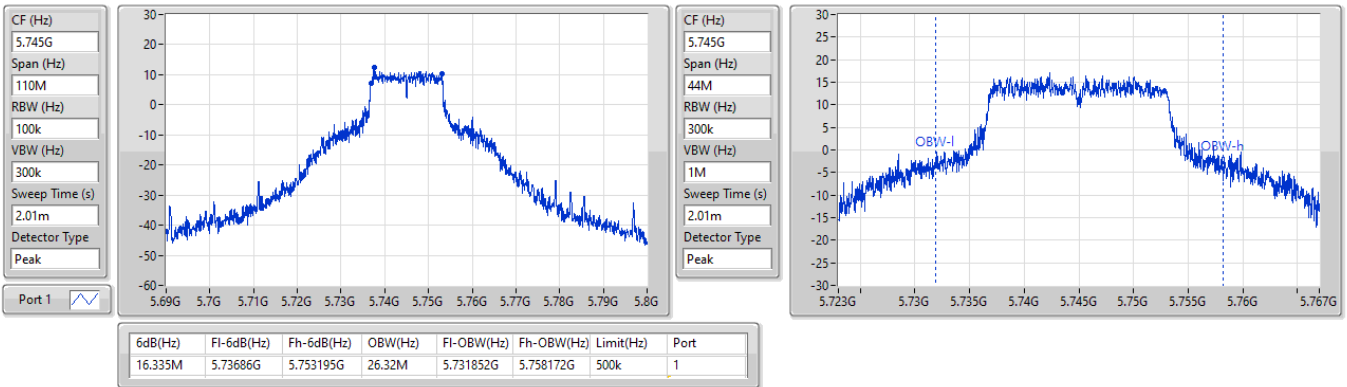
5720MHz Straddle 5.725-5.85GHz

23/06/2026

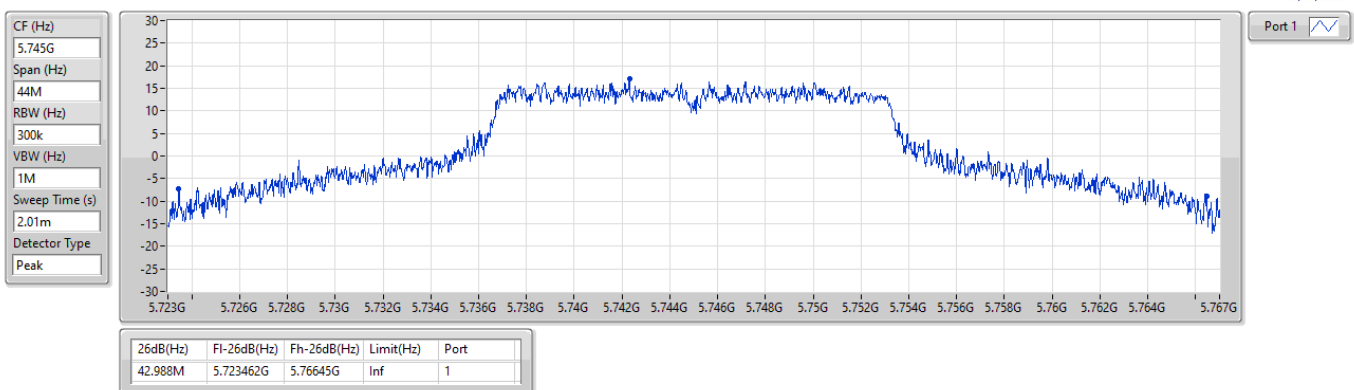


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

23/06/2026

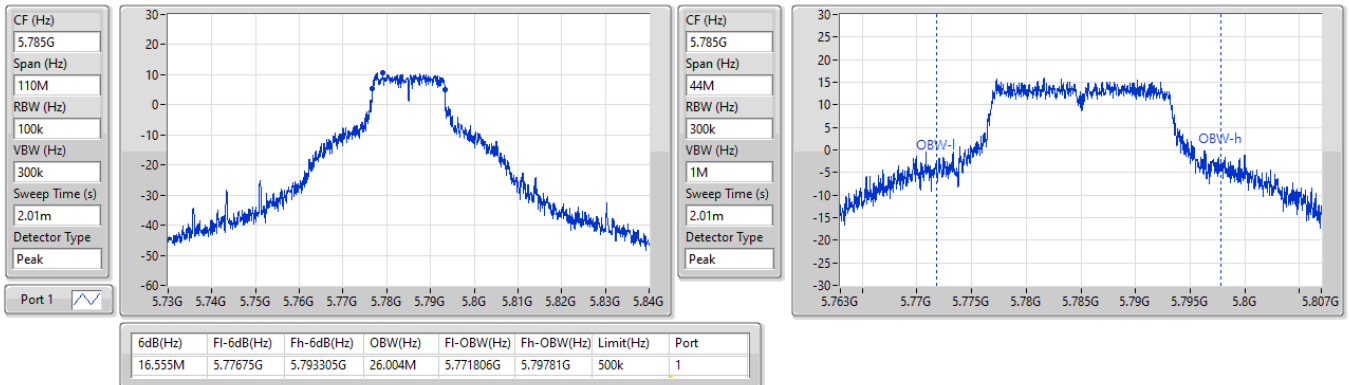

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

23/06/2026

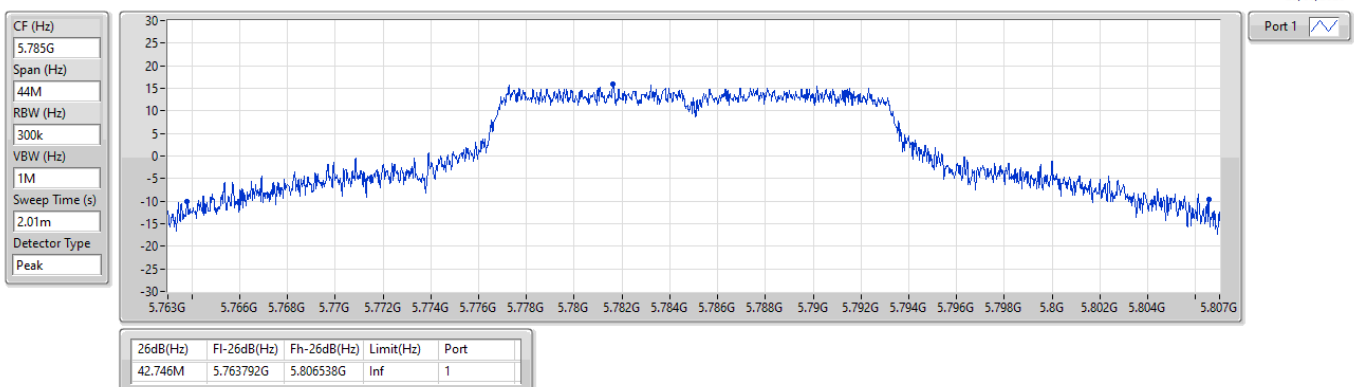


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

23/06/2026


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

23/06/2026

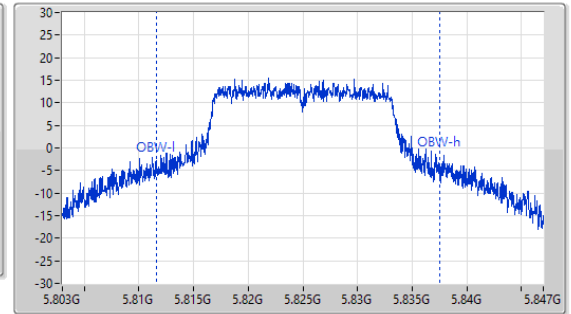
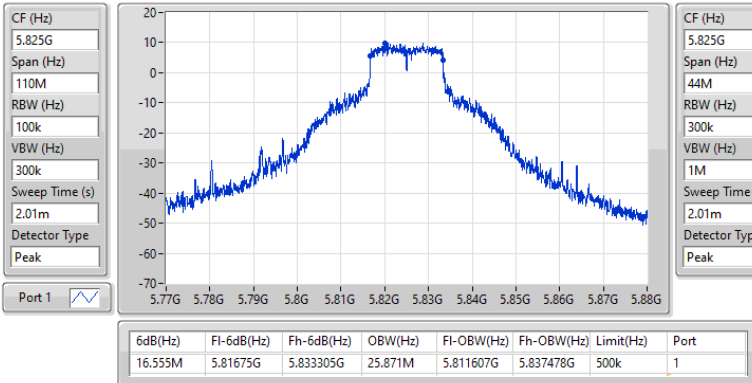


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

23/06/2026

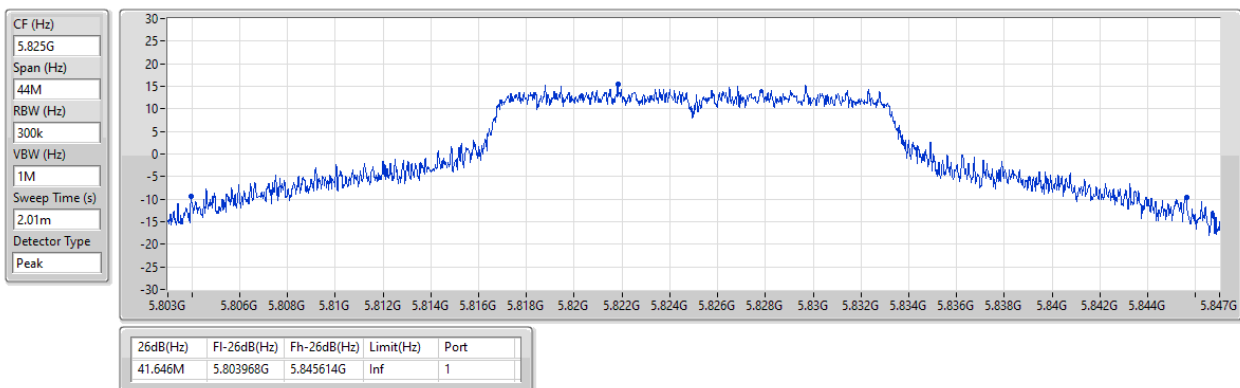


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

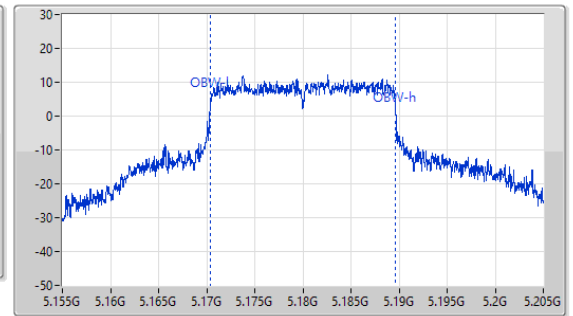
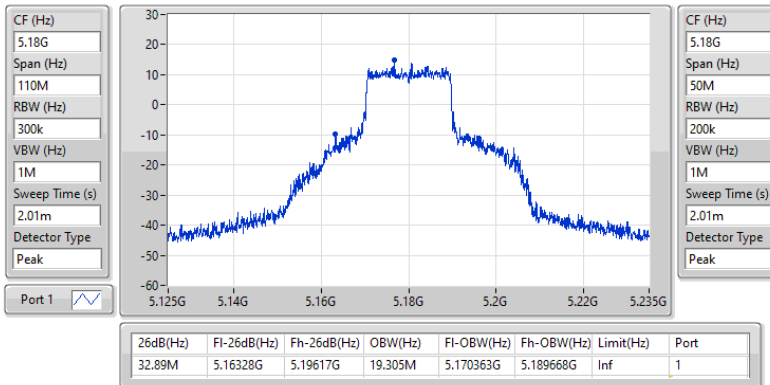
5825MHz

23/06/2026

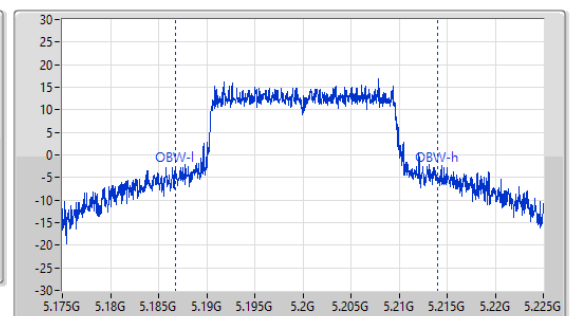
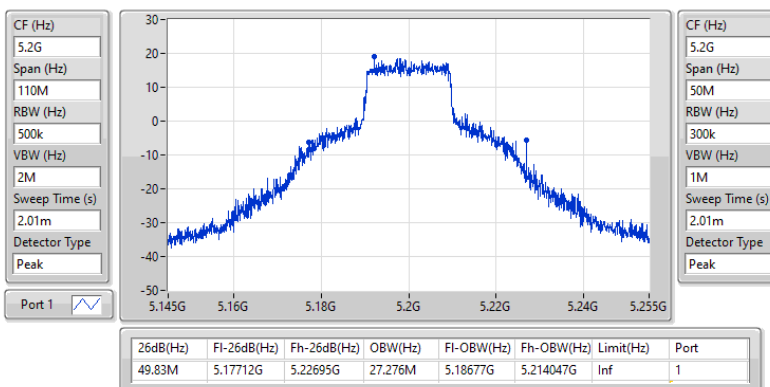


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

23/06/2026

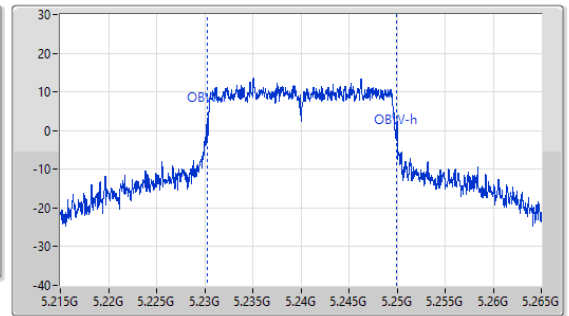
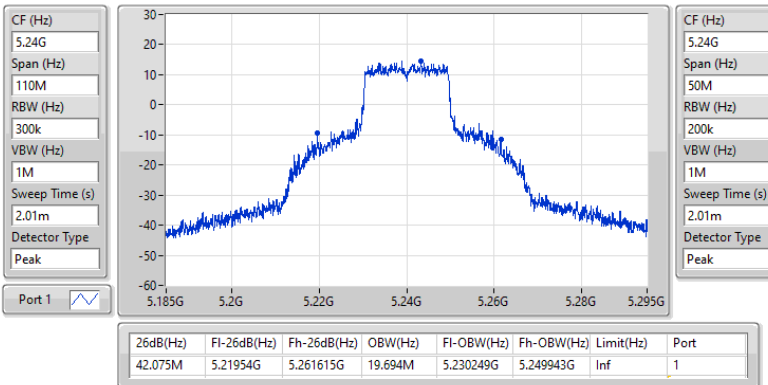

5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

23/06/2026

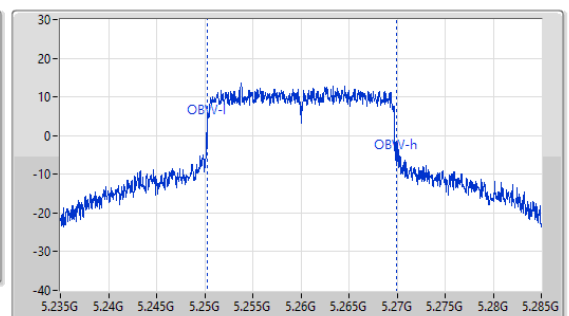
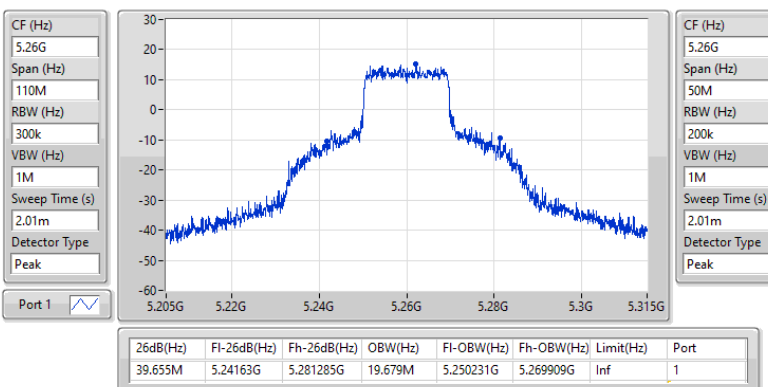


5.15-5.25GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

23/06/2026

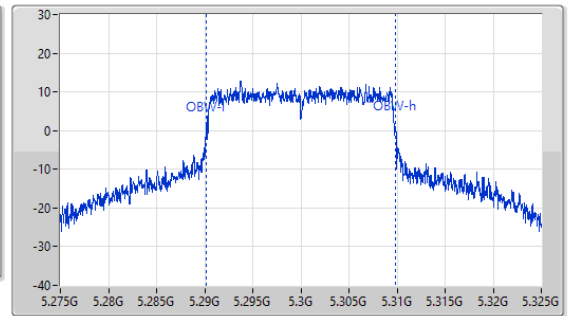
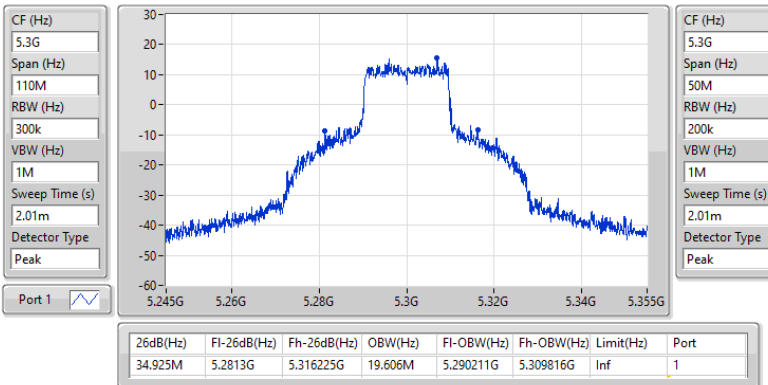

5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

23/06/2026

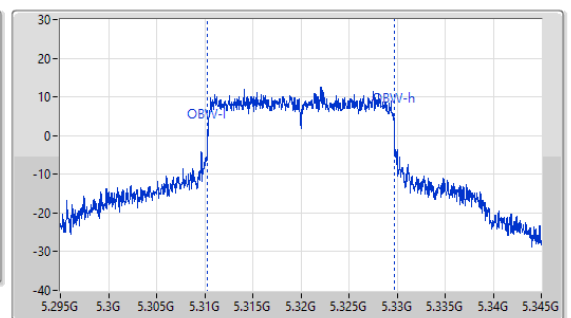
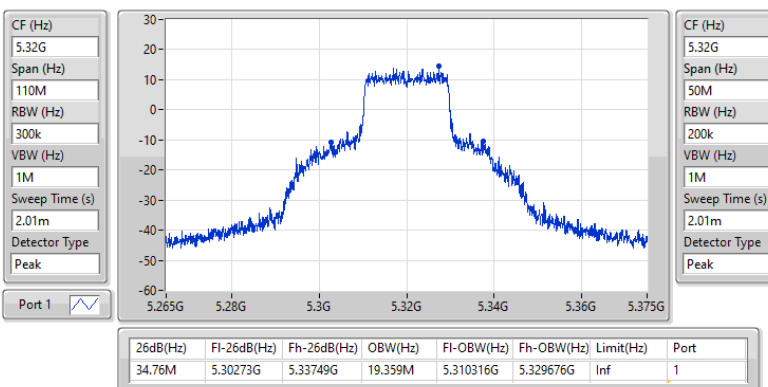


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

23/06/2026

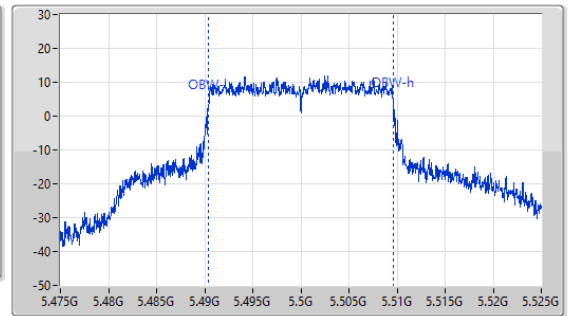
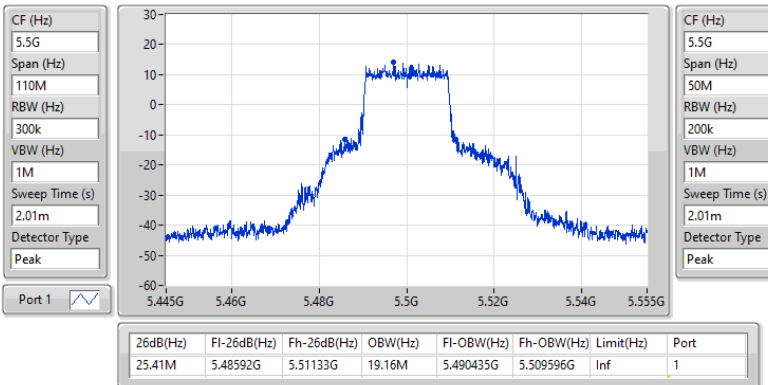

5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

23/06/2026

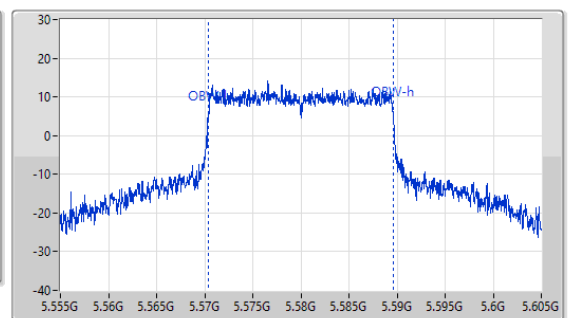
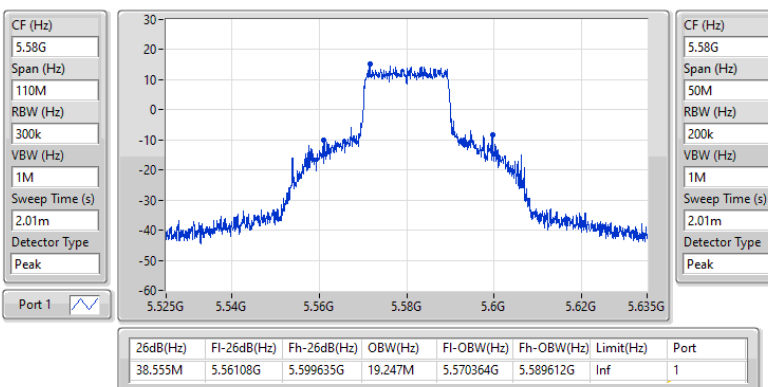


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

23/06/2026


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

23/06/2026

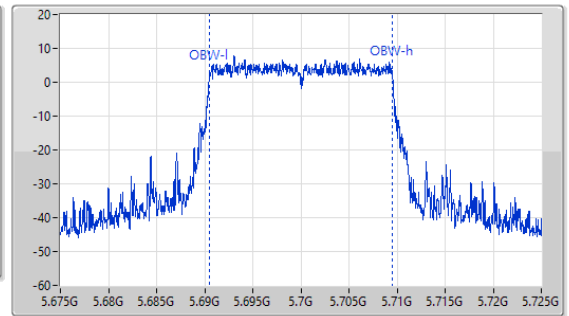
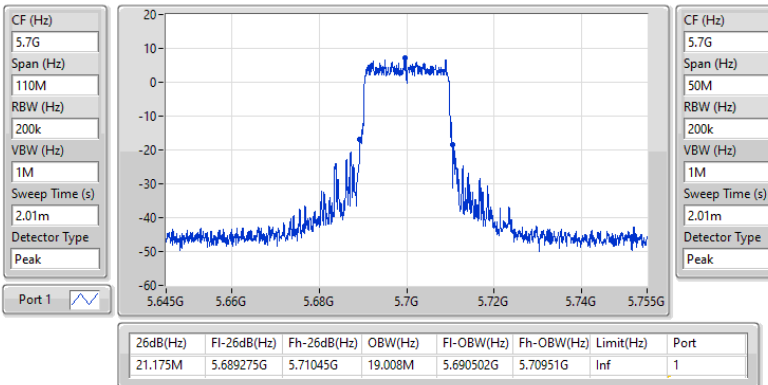


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5700MHz

23/06/2026

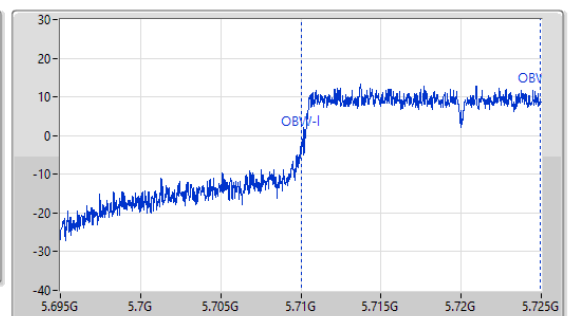
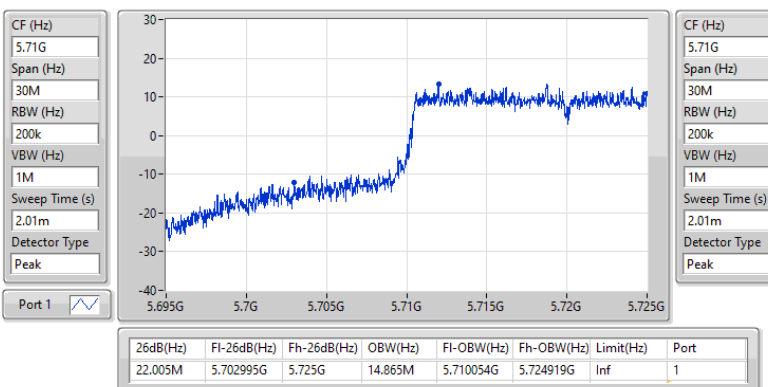


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

23/06/2026

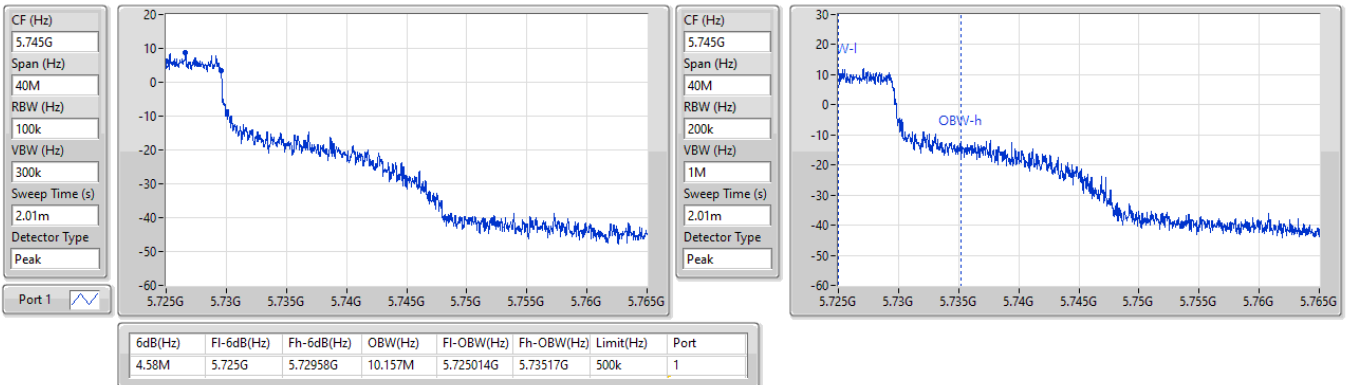


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

23/06/2026

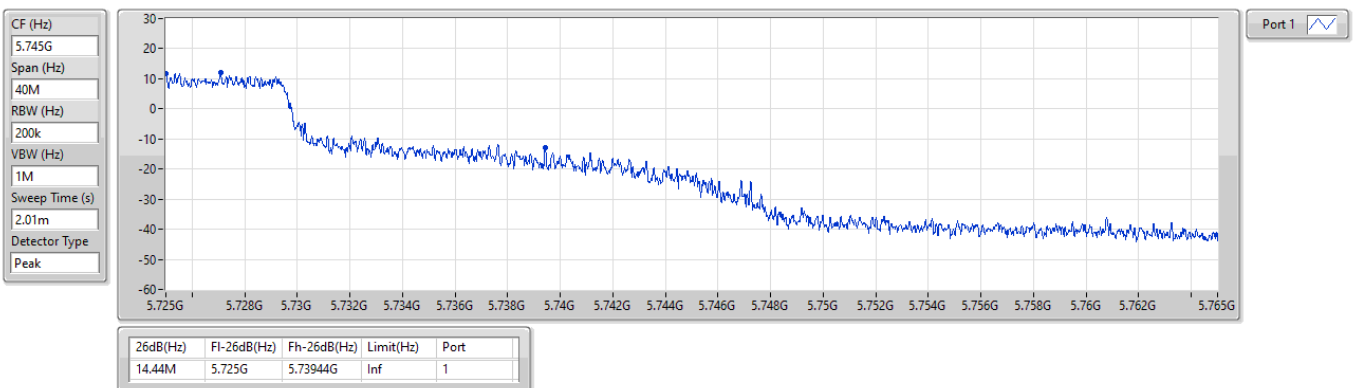


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

23/06/2026

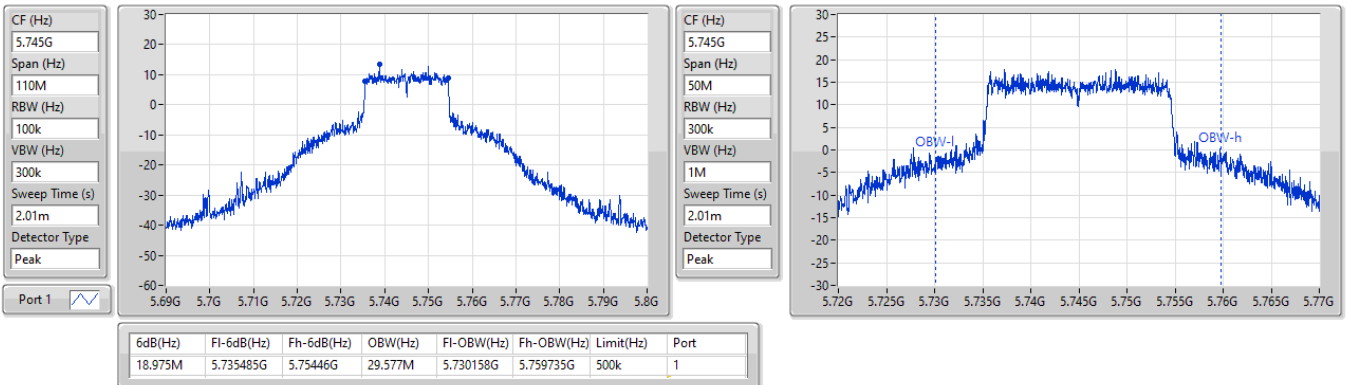


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

23/06/2026

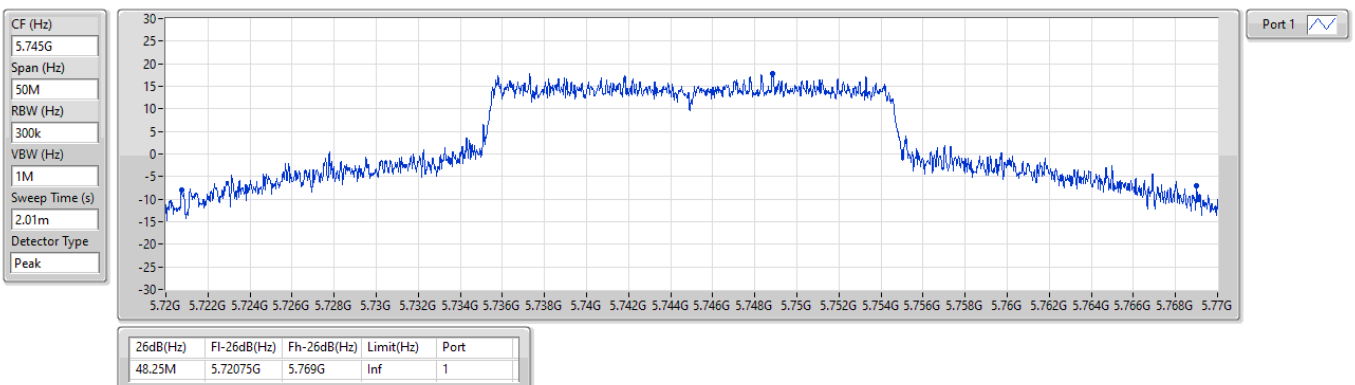


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

23/06/2026

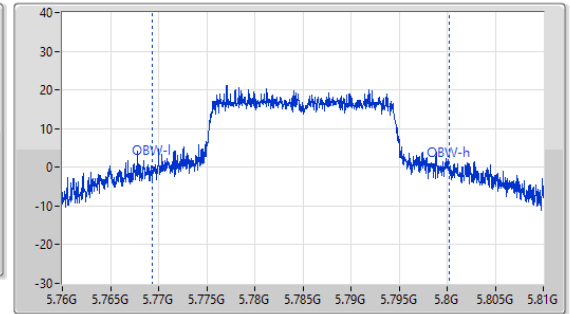
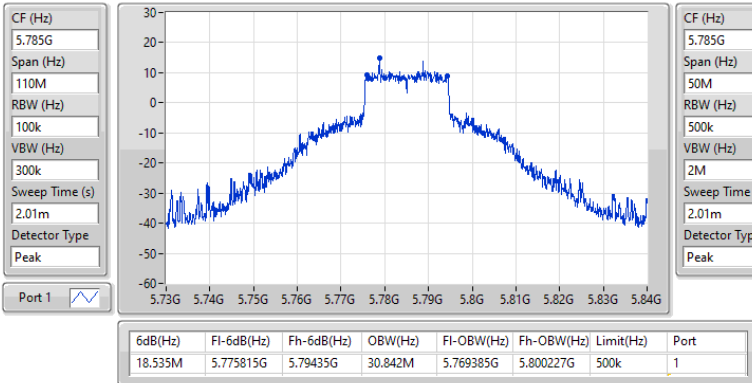


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

23/06/2026

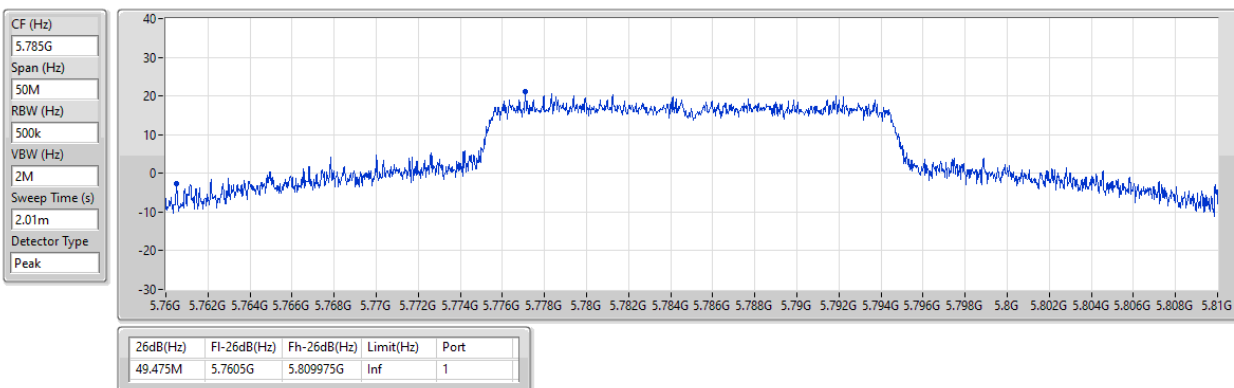


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

23/06/2026

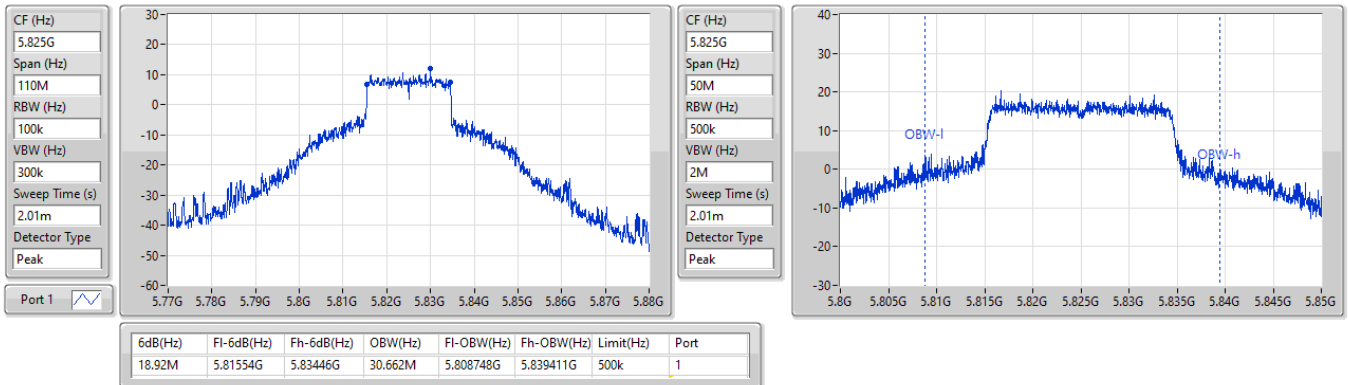


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5825MHz

23/06/2026

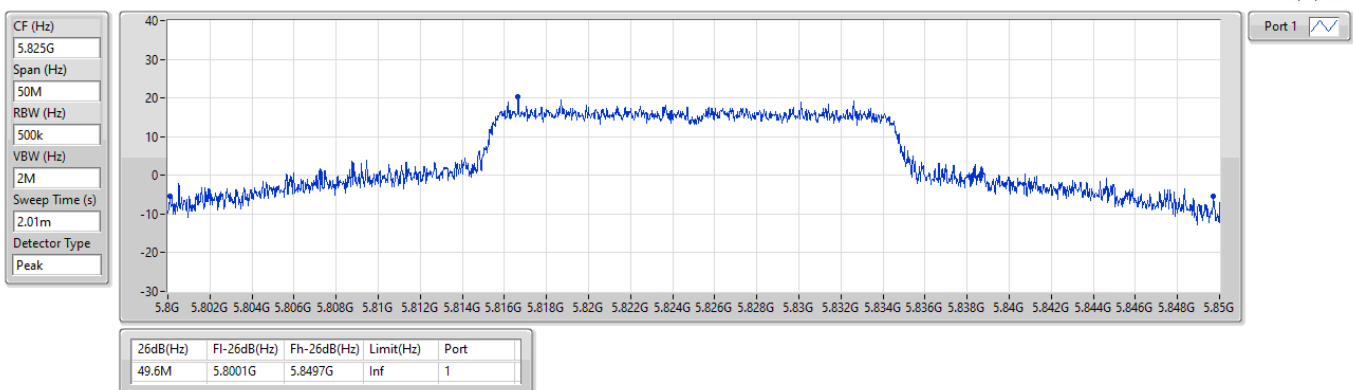


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

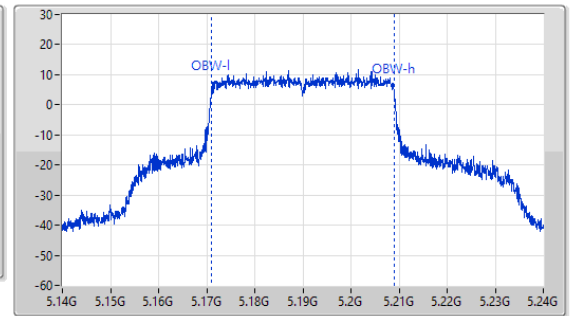
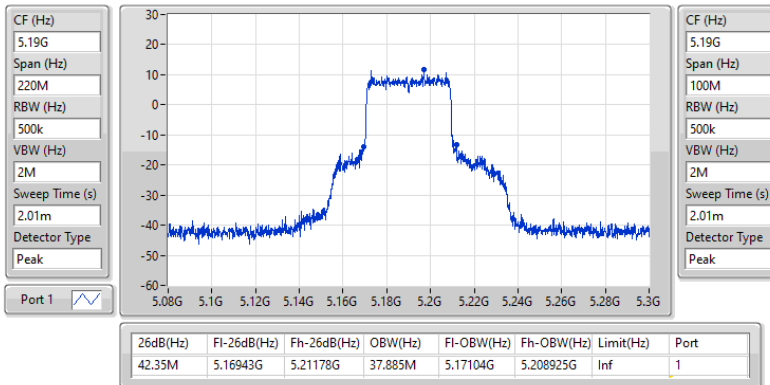
5825MHz

23/06/2026

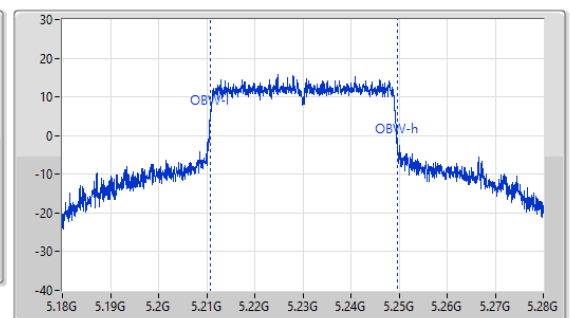
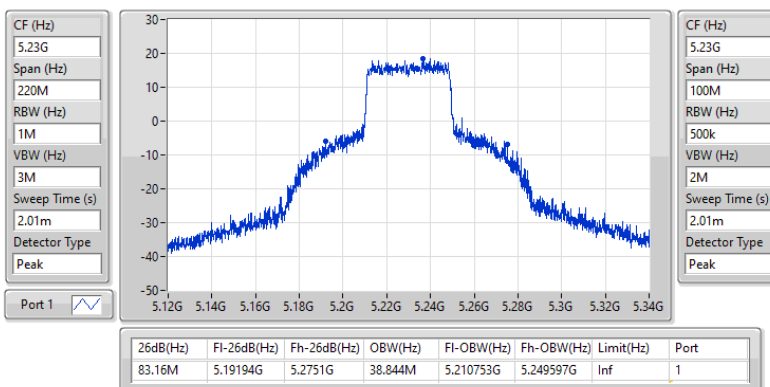


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5190MHz

23/06/2026

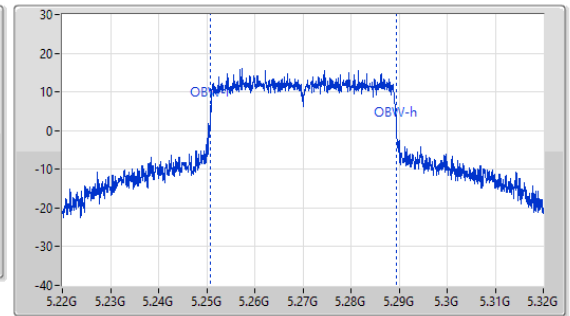
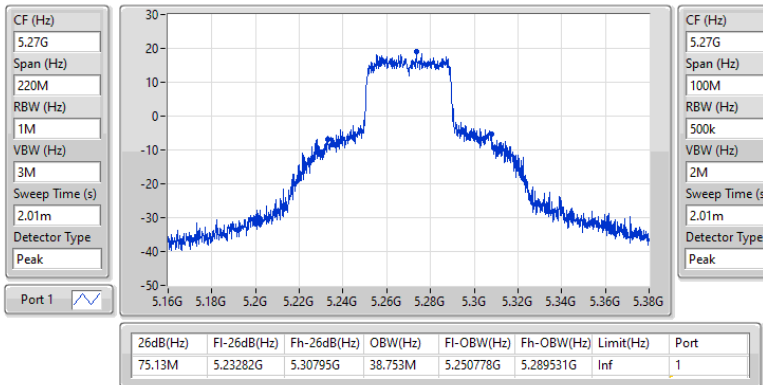

5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5230MHz

23/06/2026

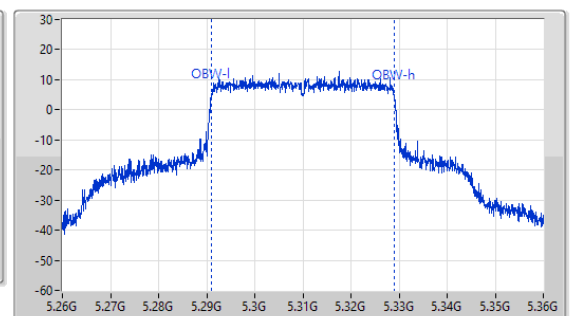
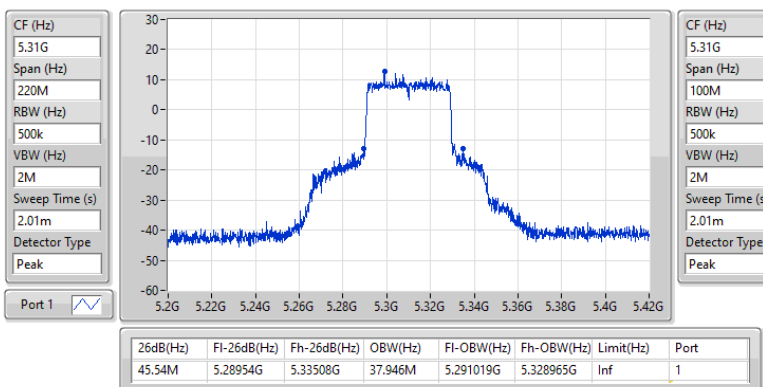


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

23/06/2026

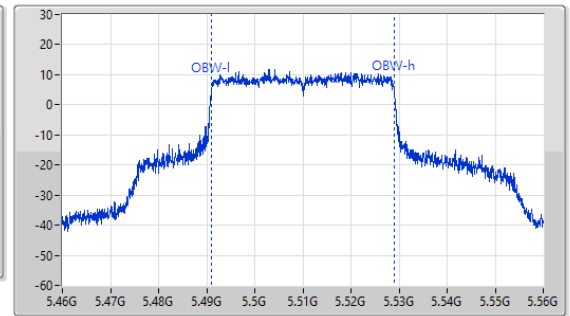
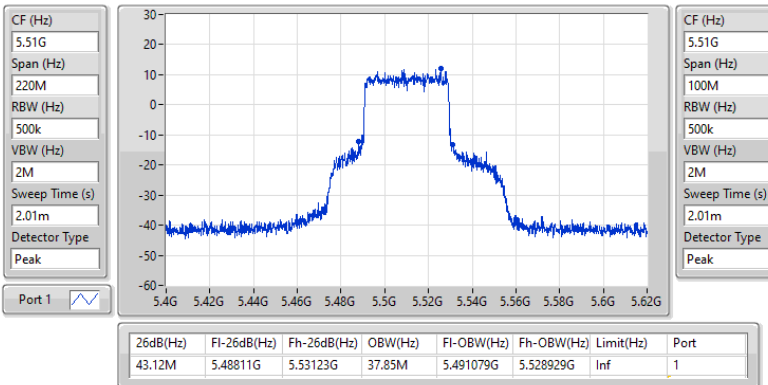

5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

23/06/2026

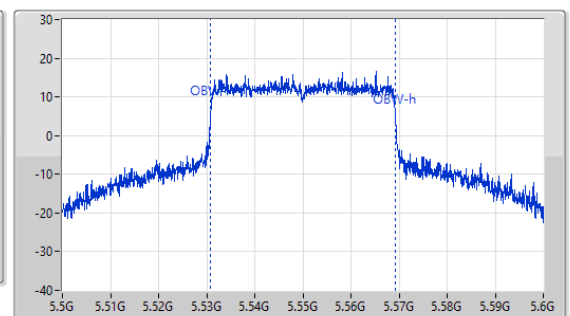
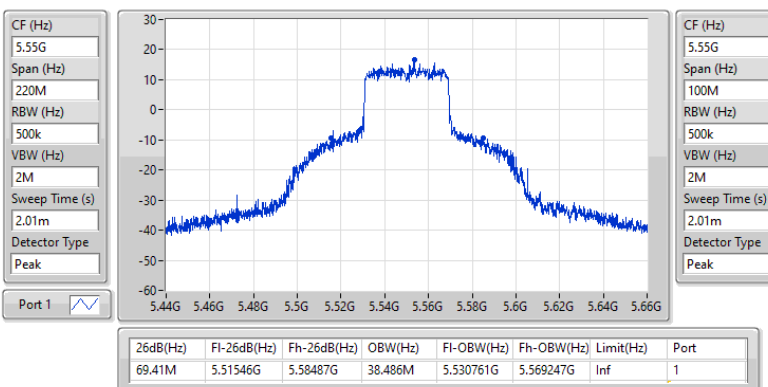


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

23/06/2026

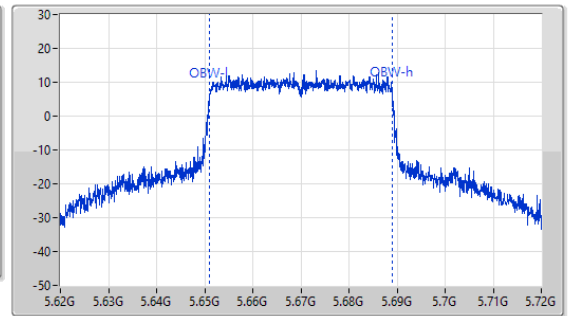
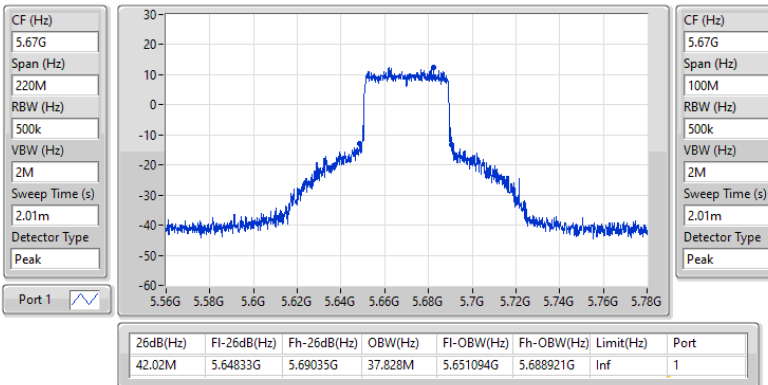

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

23/06/2026

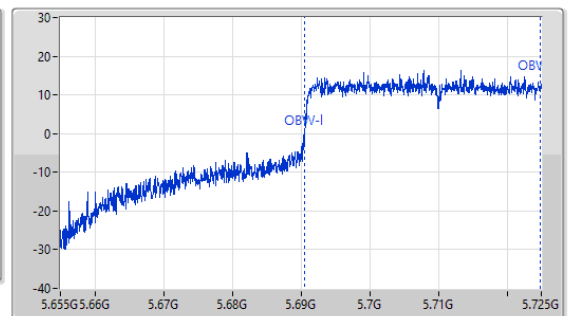
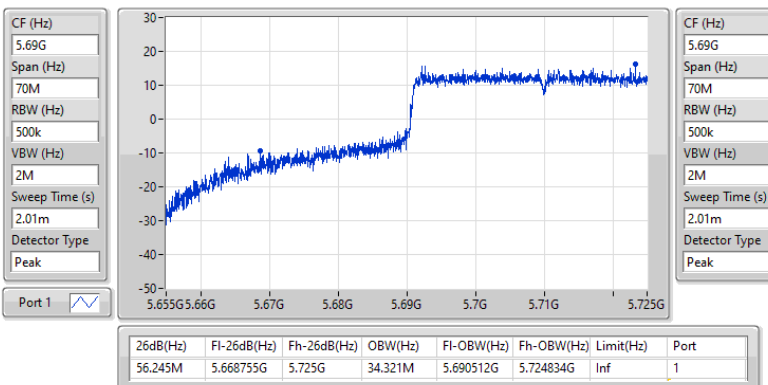


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

23/06/2026


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

23/06/2026

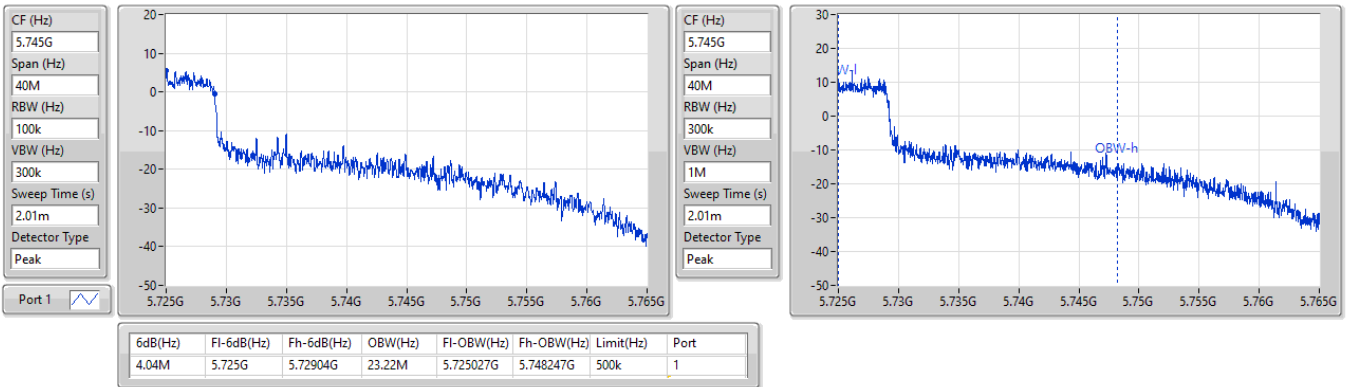


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/06/2026

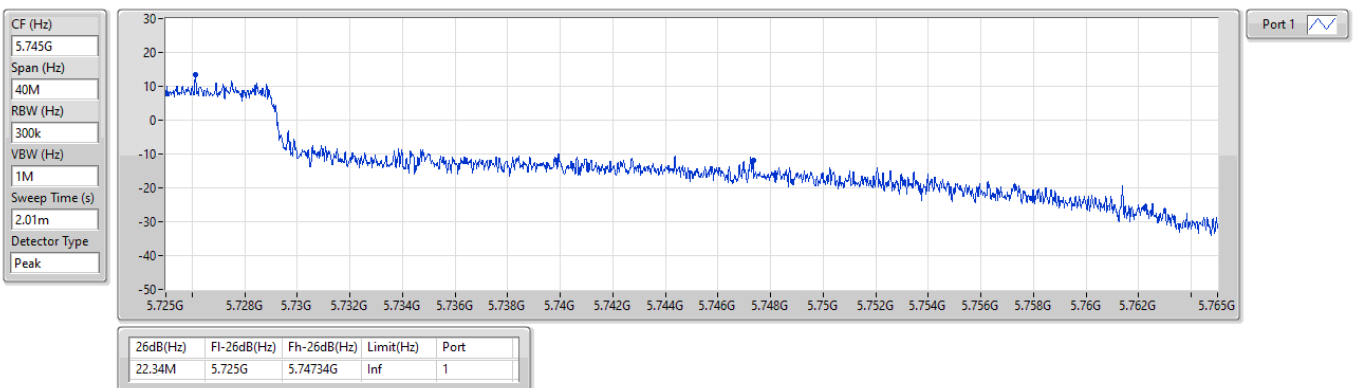


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/06/2026

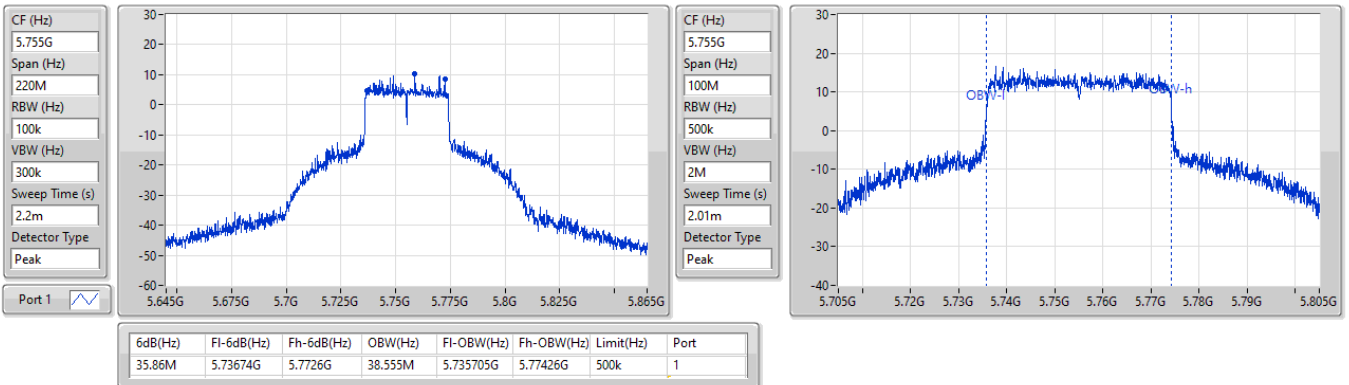


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

23/06/2026

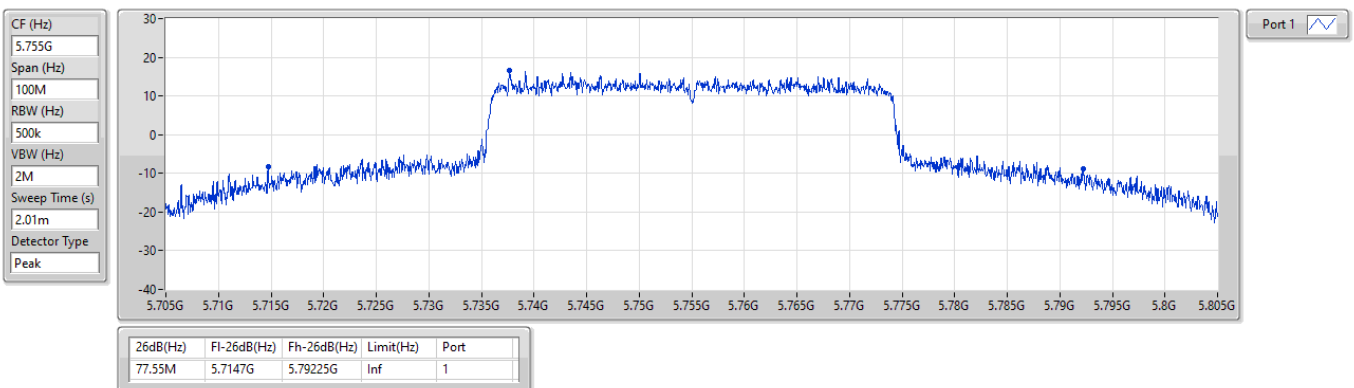


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

23/06/2026

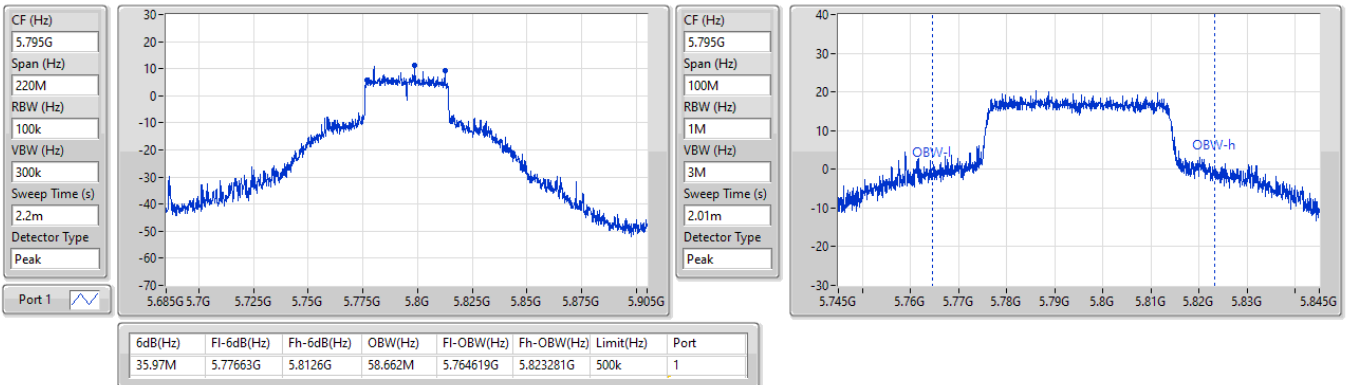


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

23/06/2026

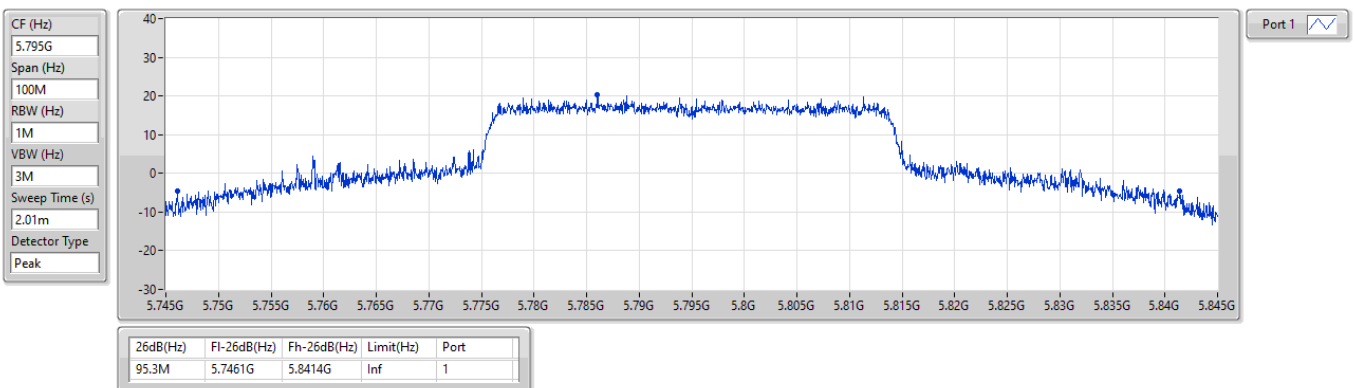


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

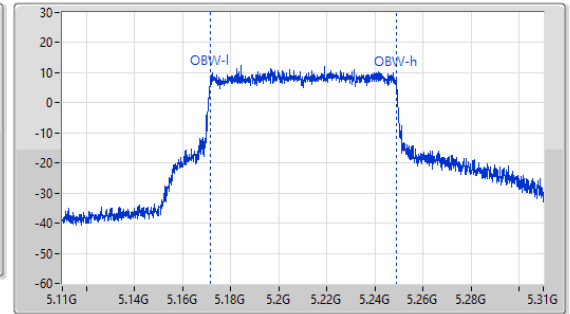
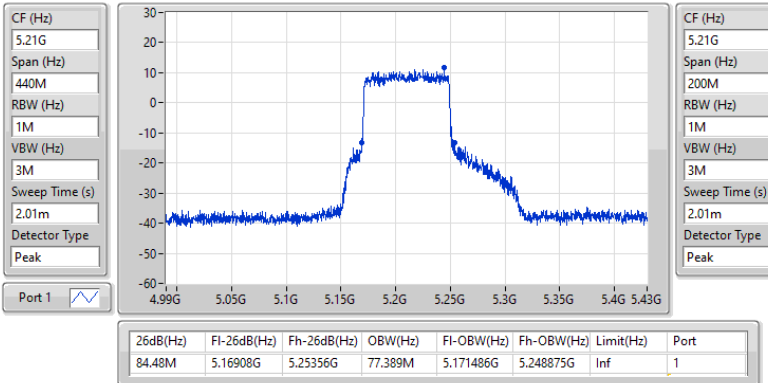
5795MHz

23/06/2026

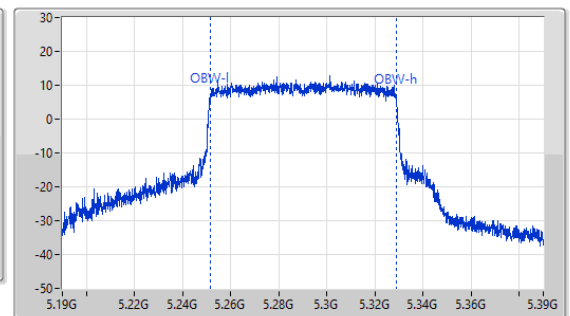
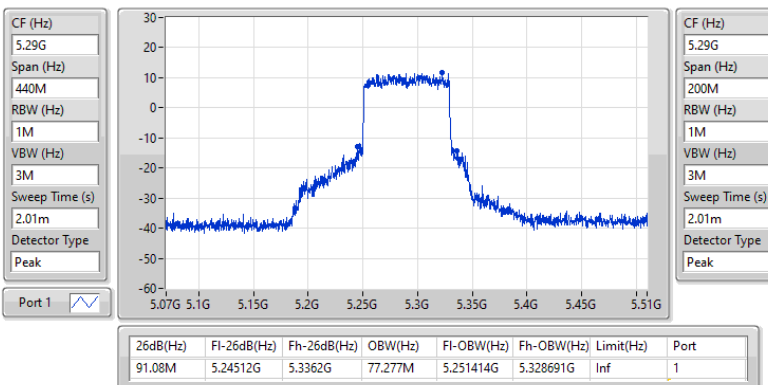


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

23/06/2026

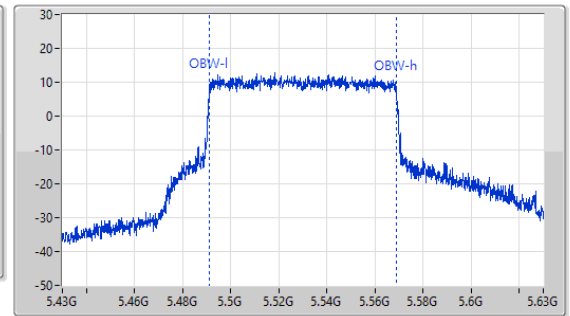
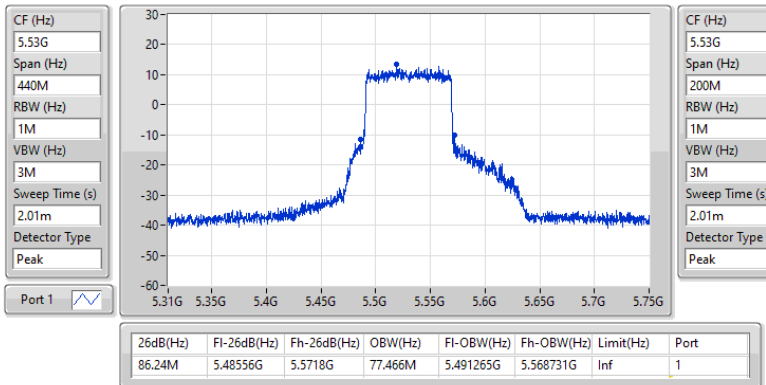

5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

23/06/2026

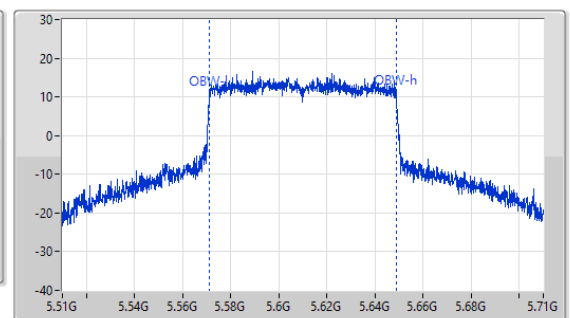
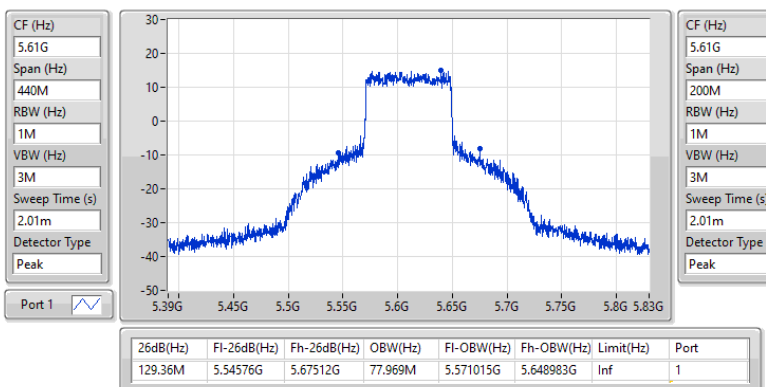


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

23/06/2026

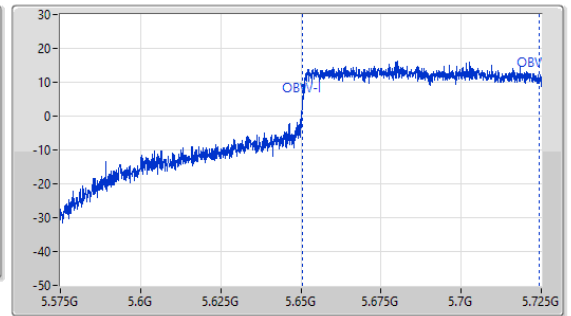
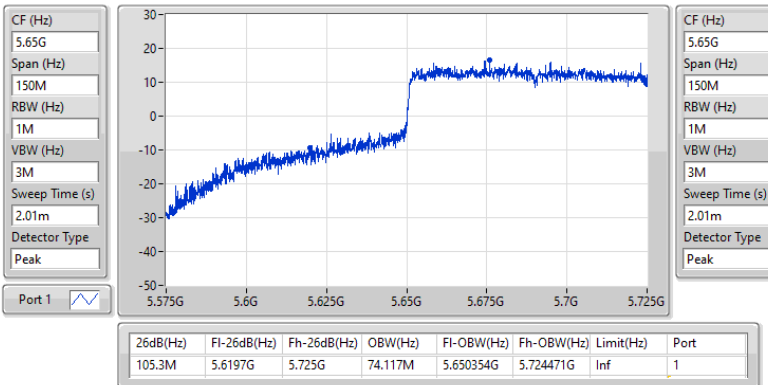

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

23/06/2026

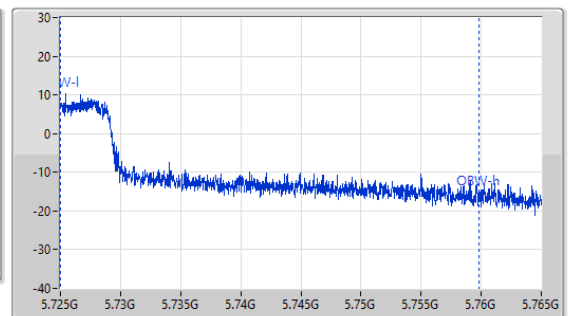
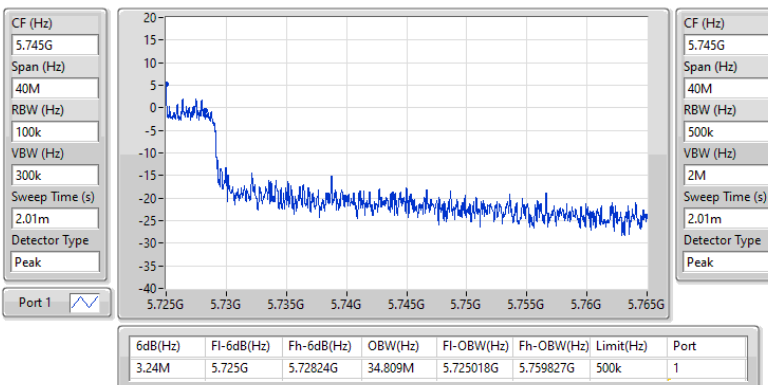


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

23/06/2026

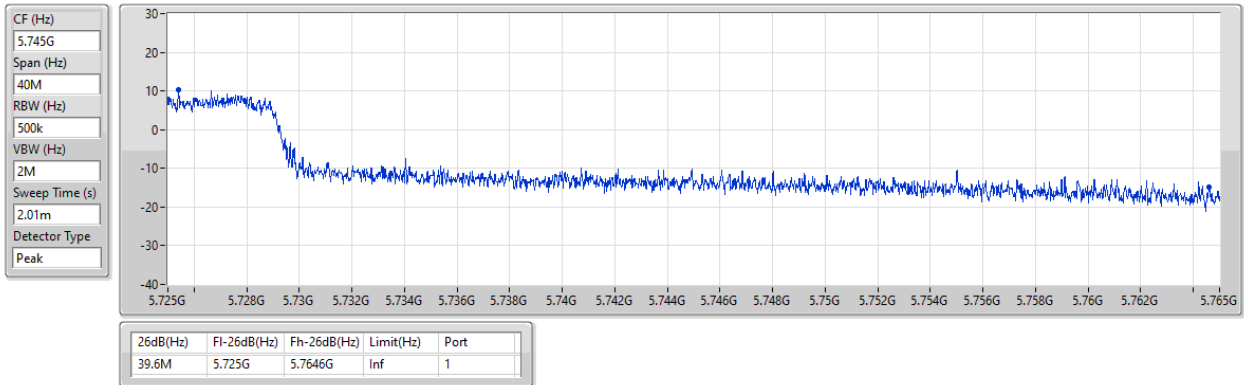

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

23/06/2026

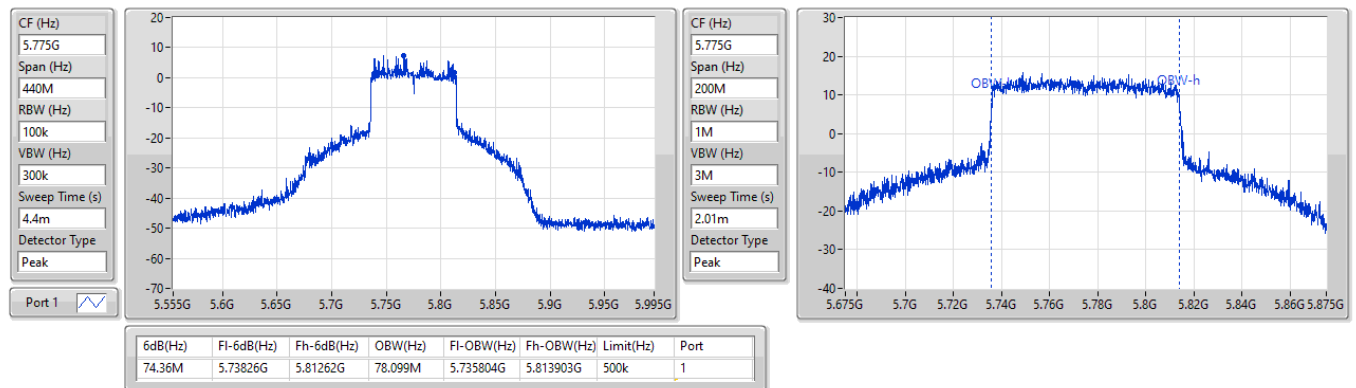


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

23/06/2026

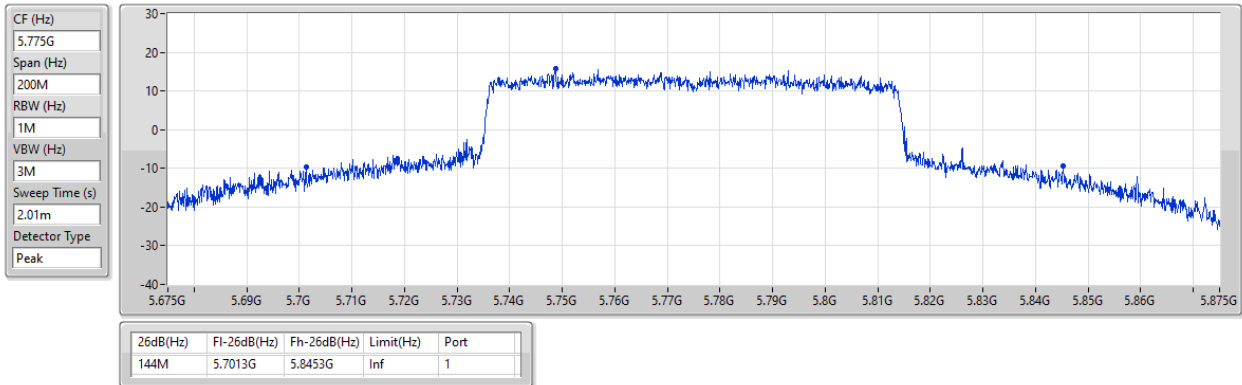

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5775MHz

23/06/2026

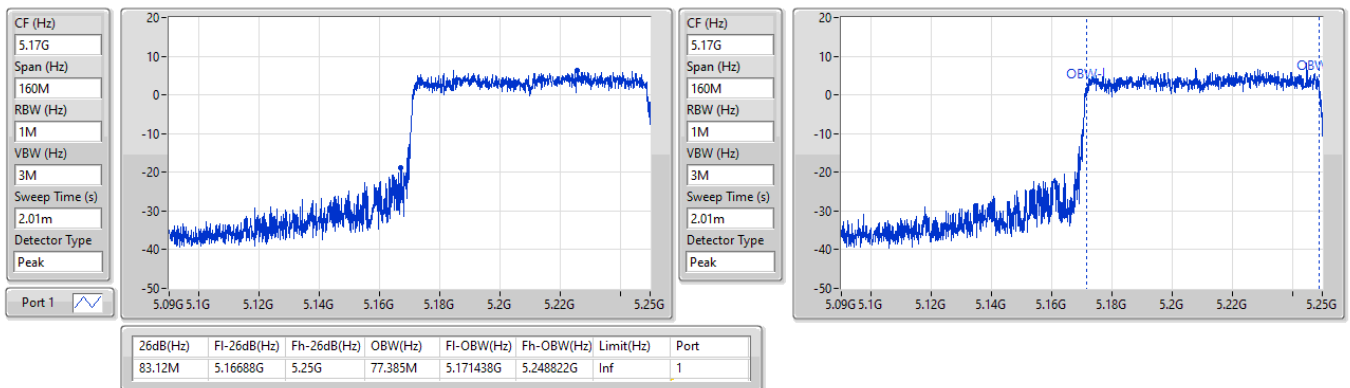


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5775MHz

23/06/2026

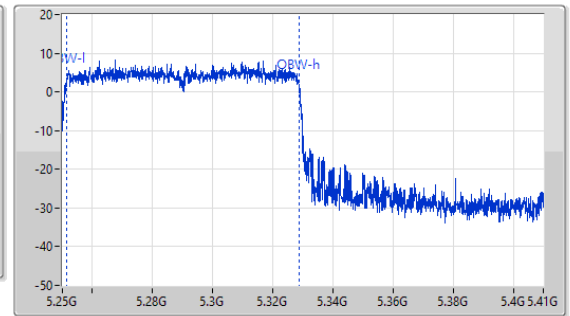
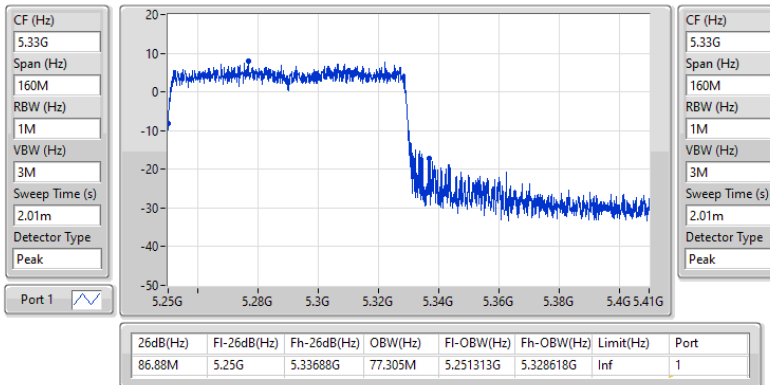

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

23/06/2026

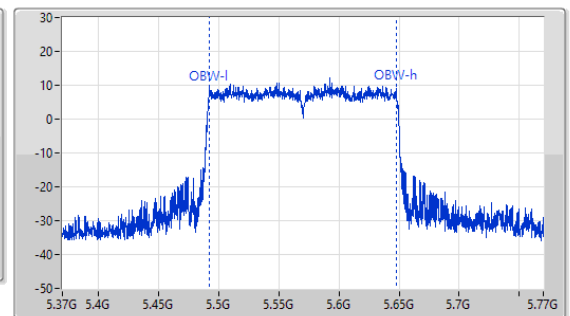
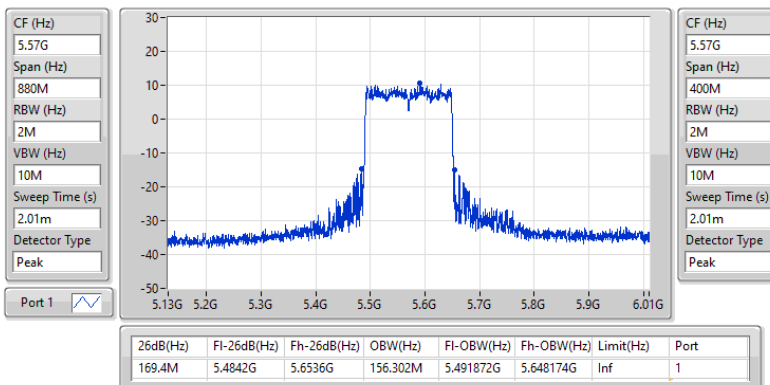


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

23/06/2026


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
5570MHz

23/06/2026

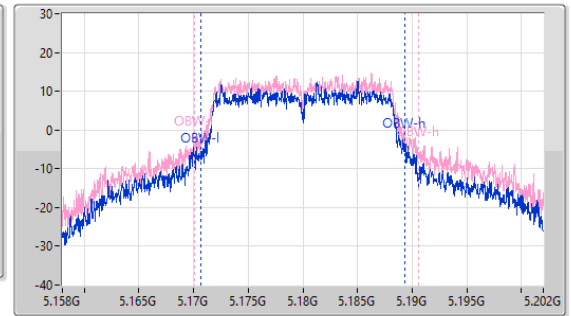
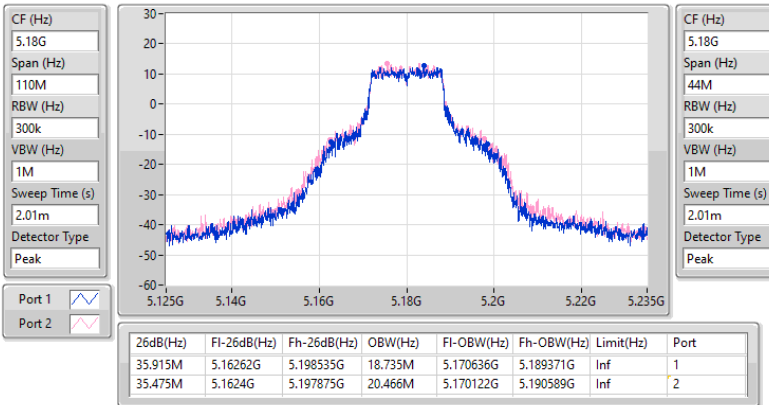


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

23/06/2026

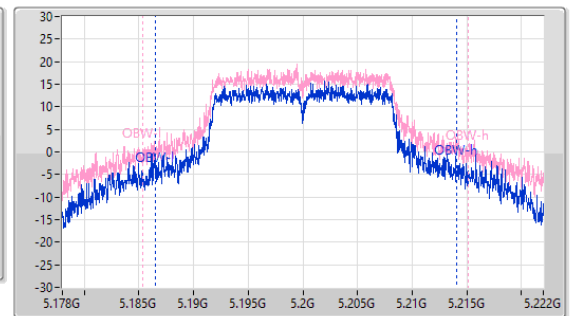
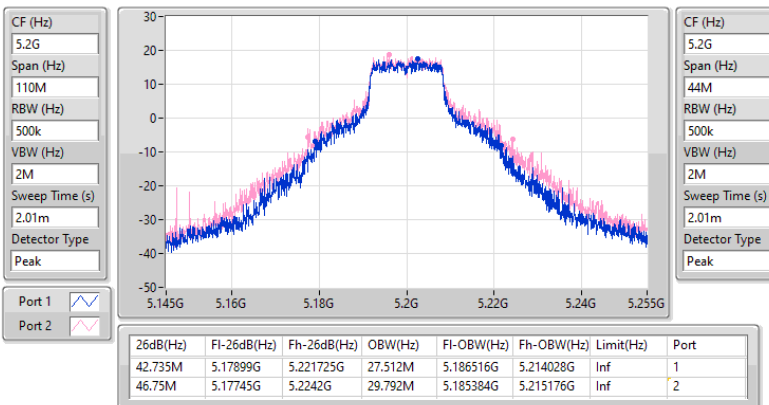


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

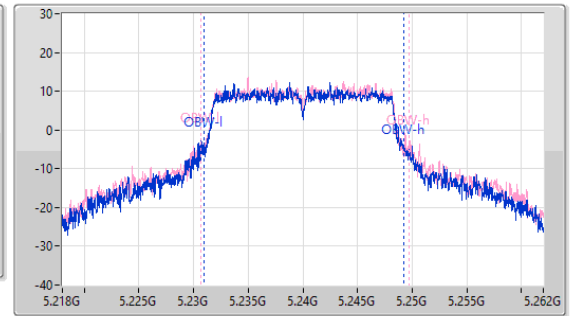
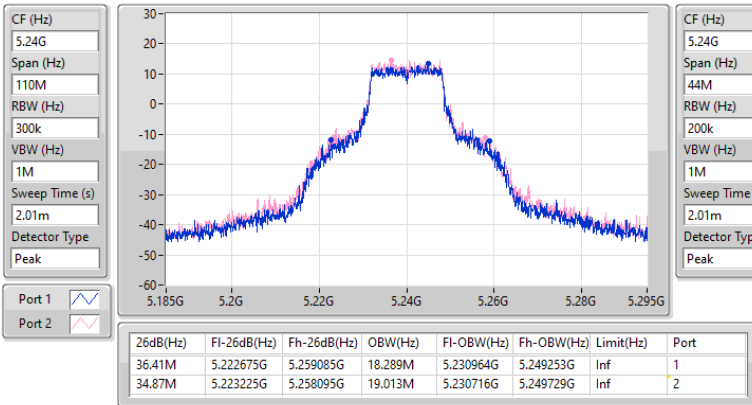
5200MHz

23/06/2026

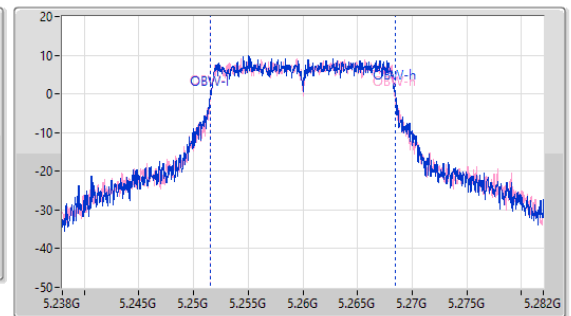
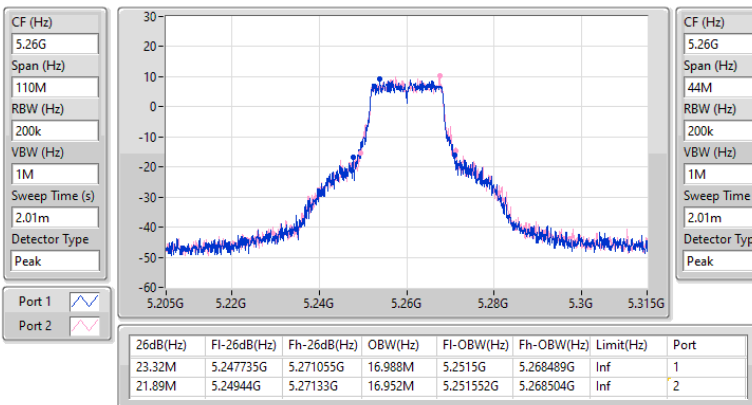


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

23/06/2026

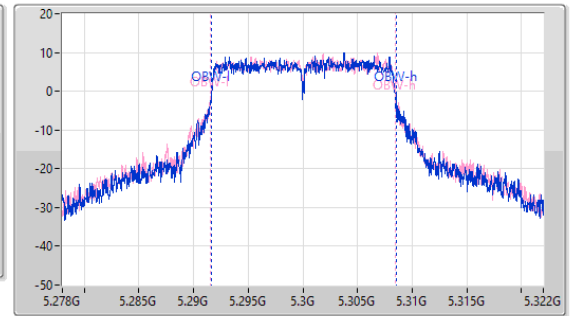
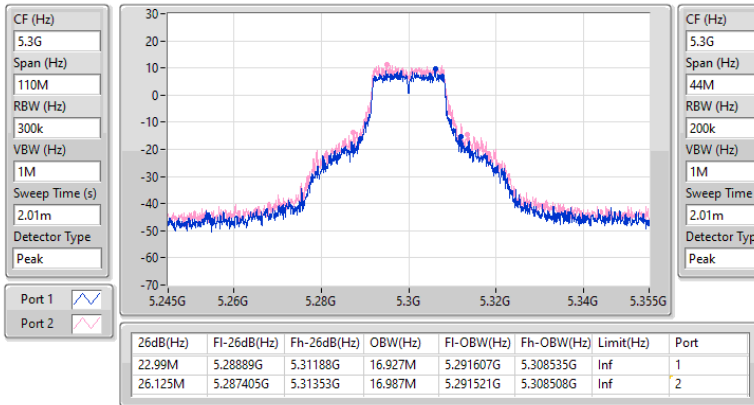

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

23/06/2026

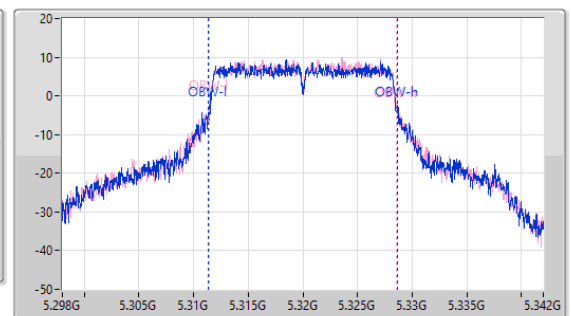
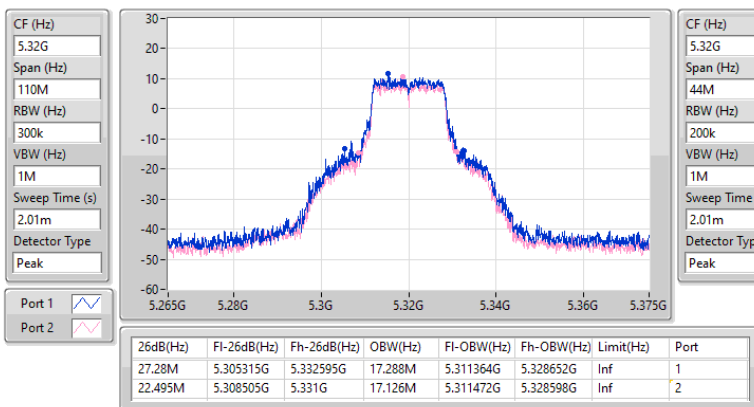


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

23/06/2026


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

23/06/2026

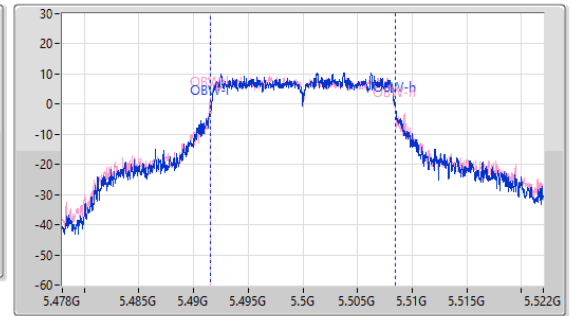
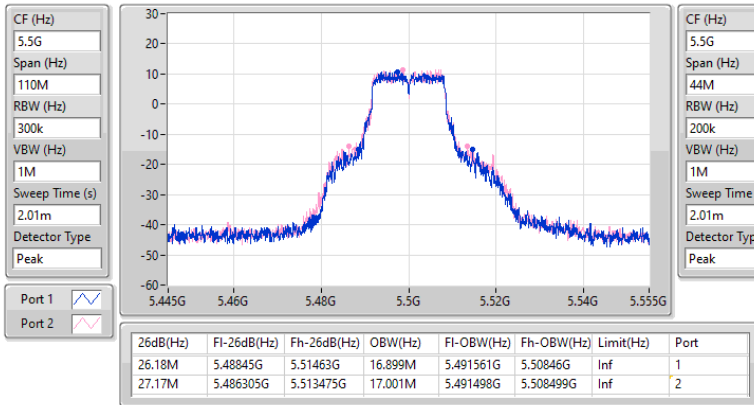


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

23/06/2026

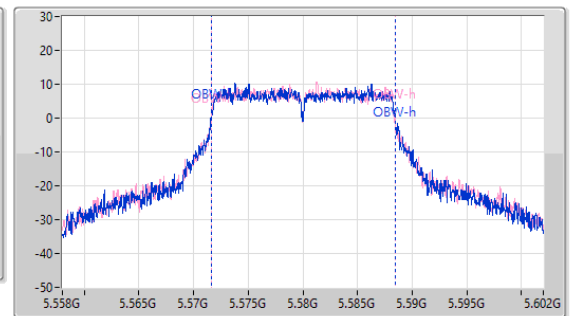
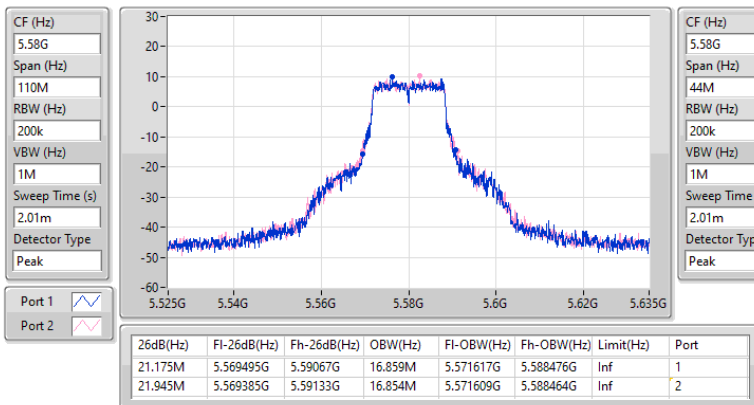


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

23/06/2026

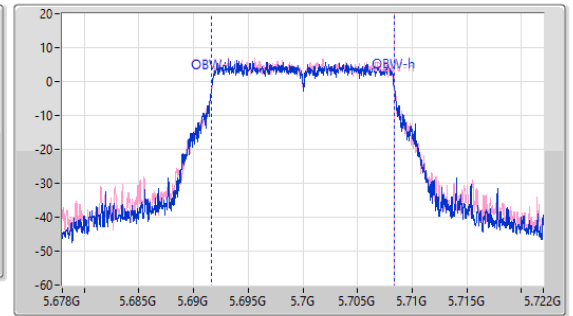
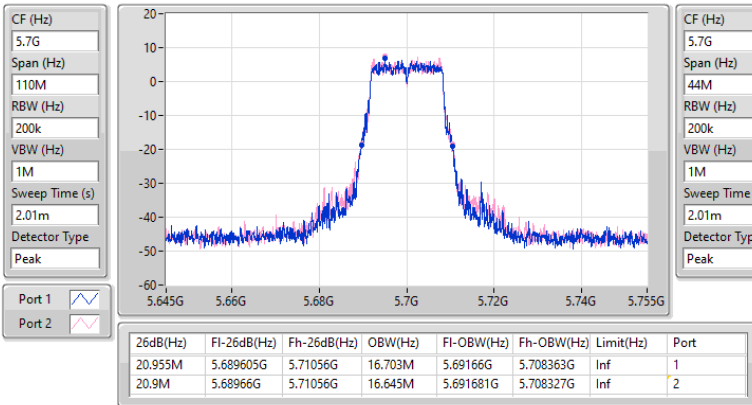


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

23/06/2026

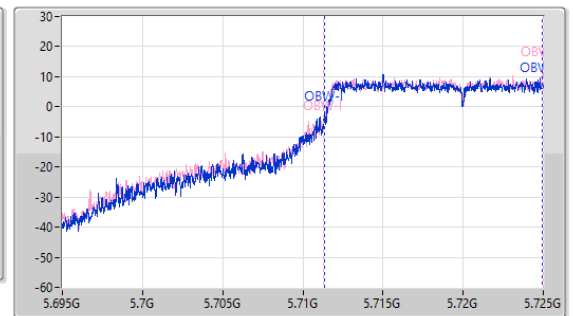
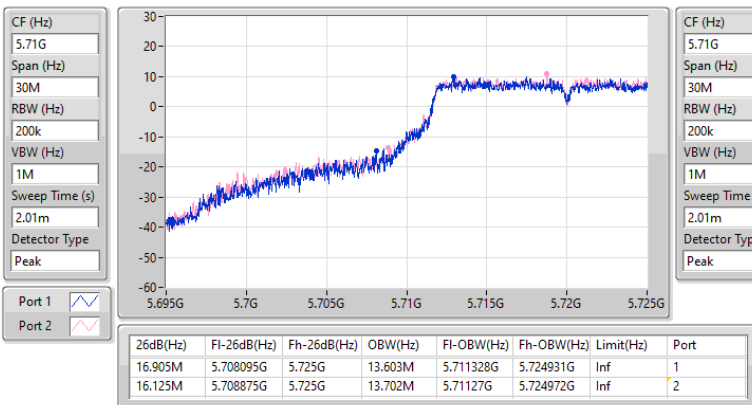


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

23/06/2026

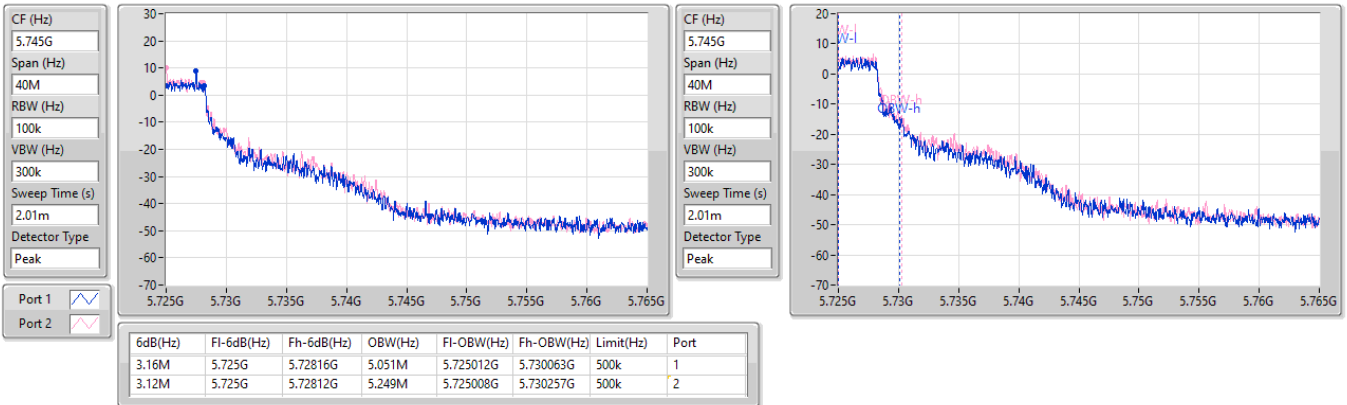


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

23/06/2026

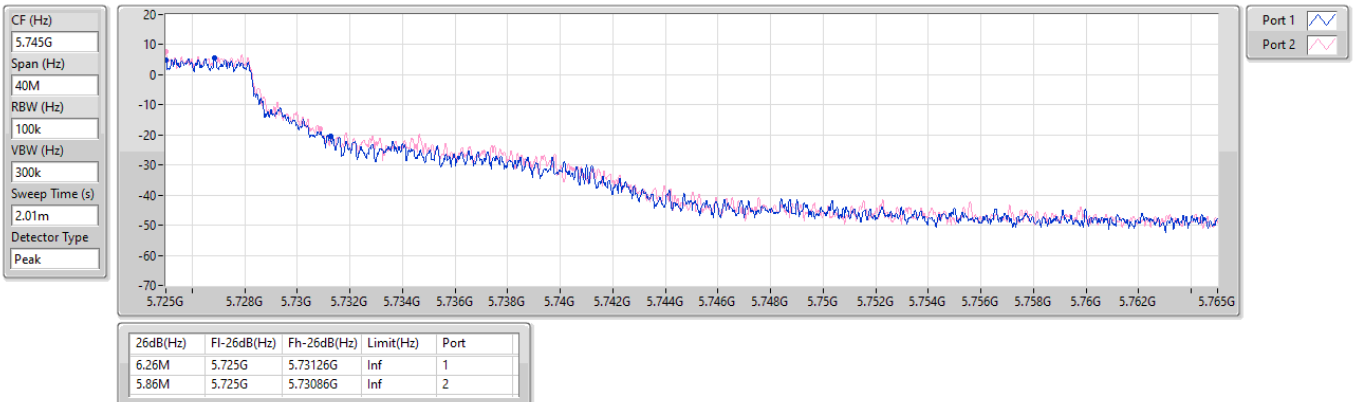


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

23/06/2026

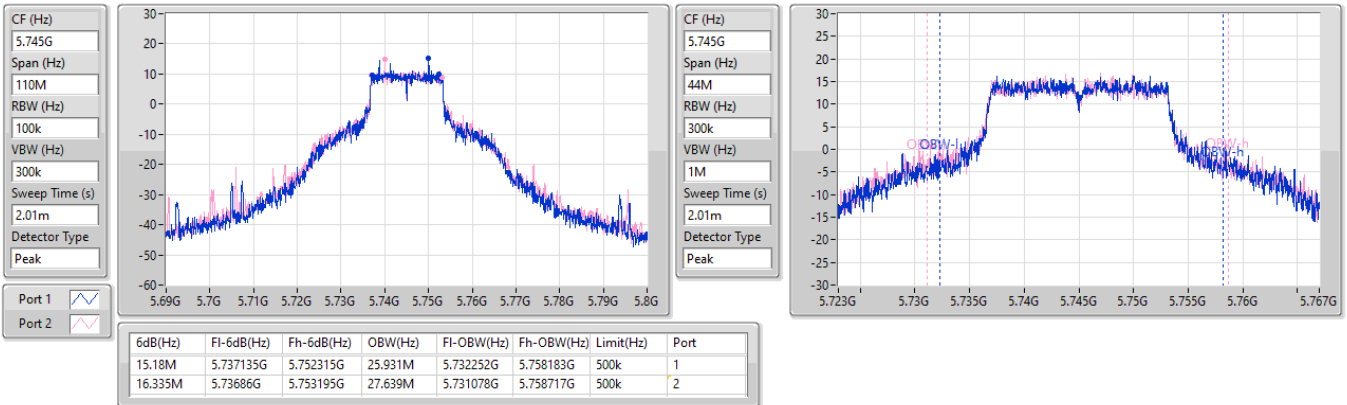


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

23/06/2026

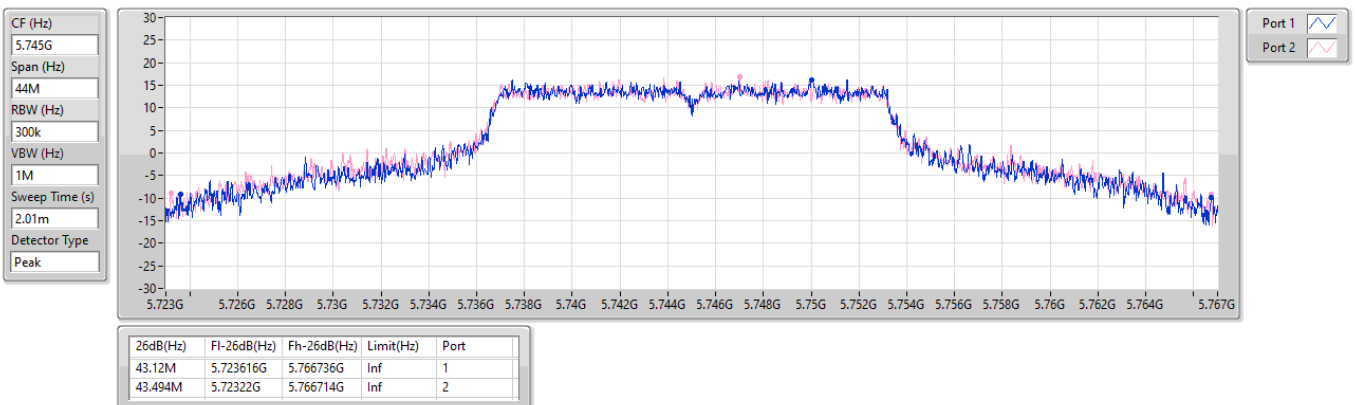


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

23/06/2026

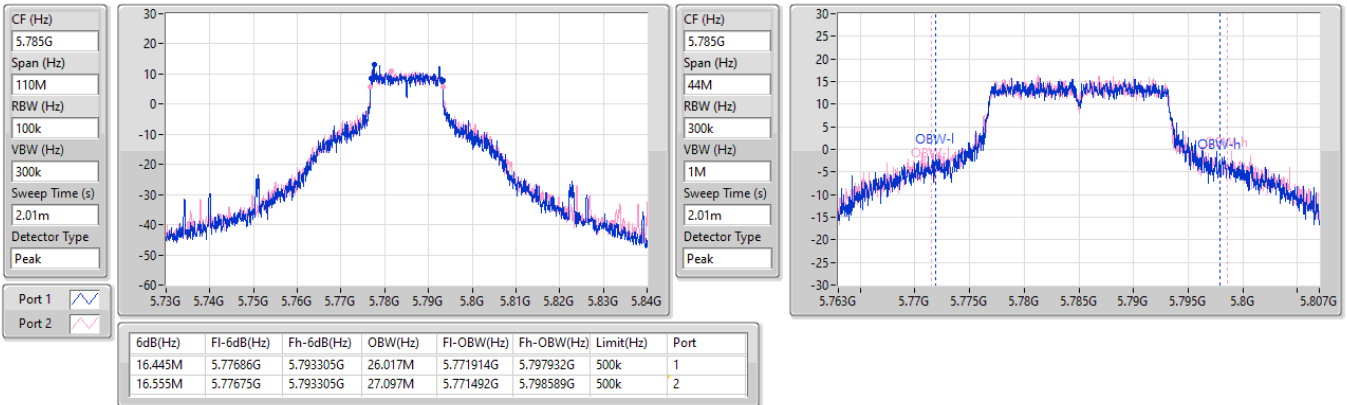


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

23/06/2026

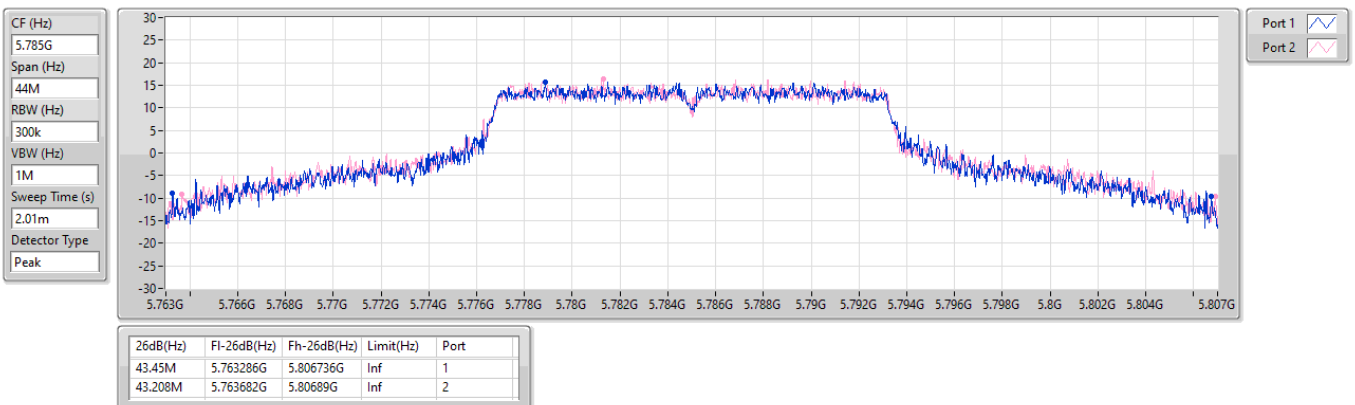


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

23/06/2026

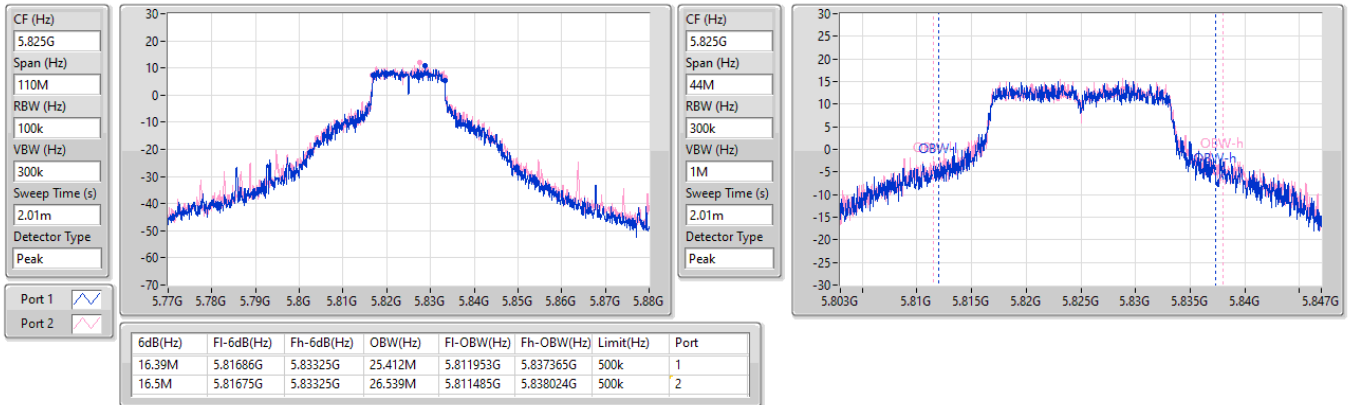


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

23/06/2026

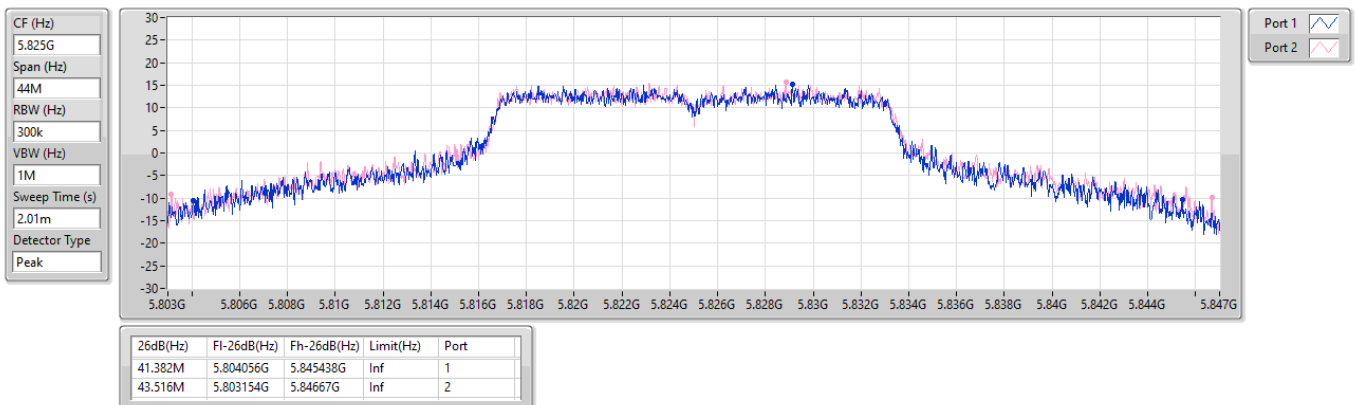


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

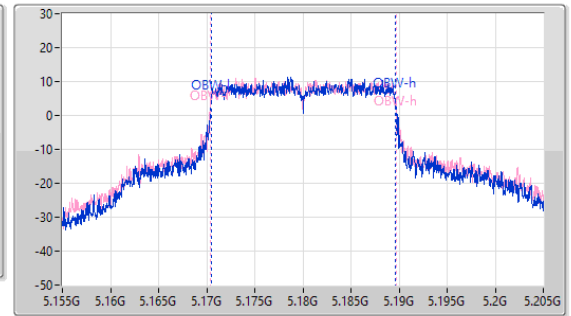
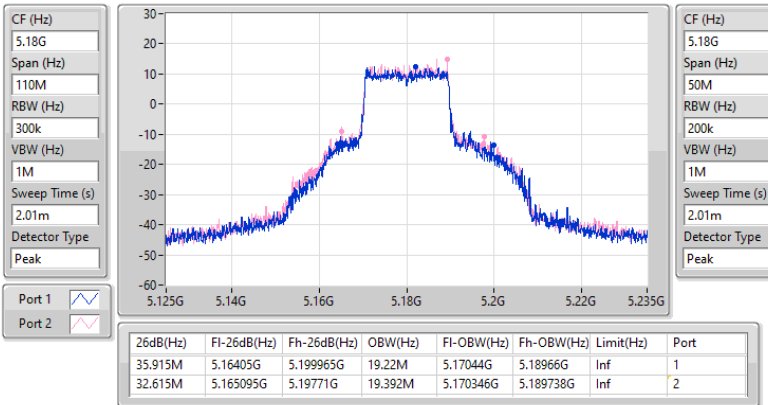
5825MHz

23/06/2026

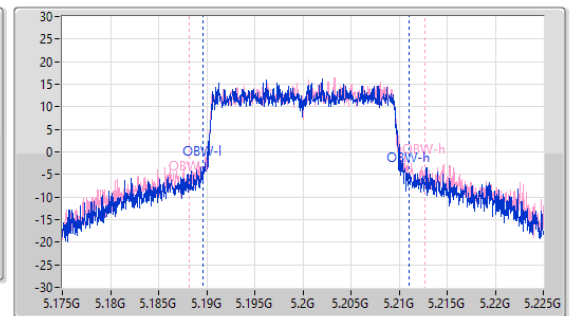
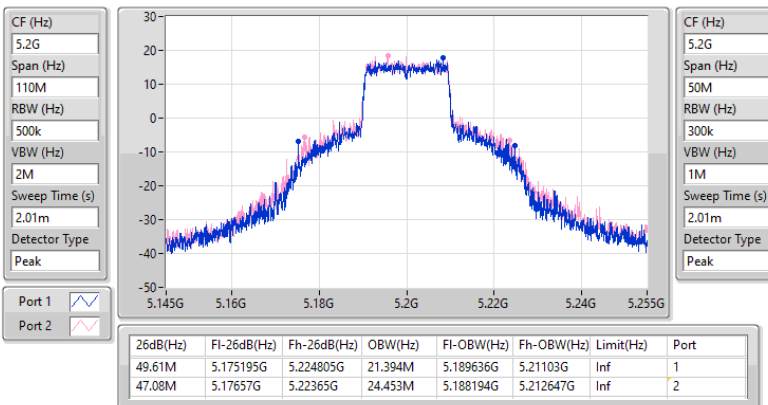


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

23/06/2026

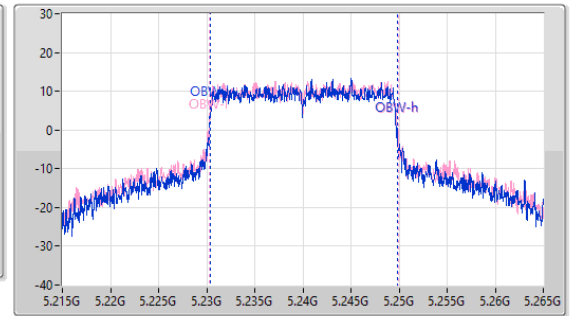
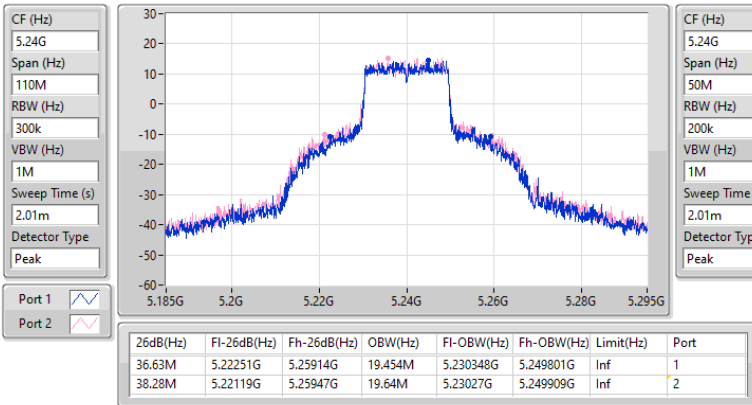

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

23/06/2026

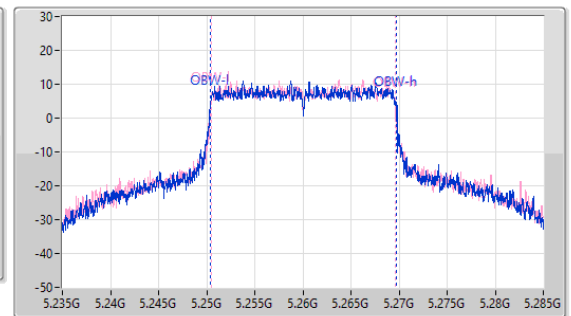
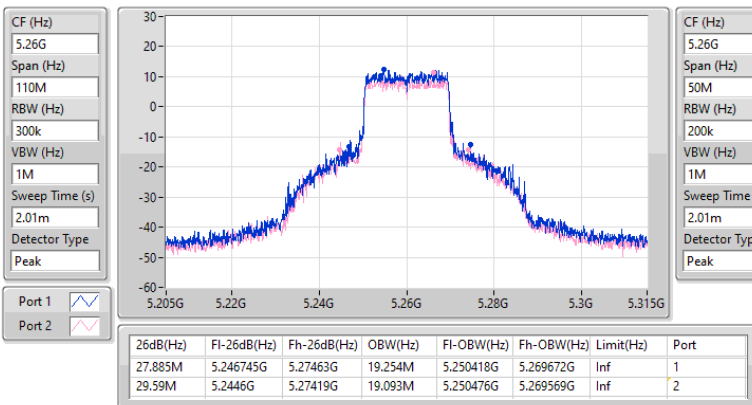


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

23/06/2026


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

23/06/2026

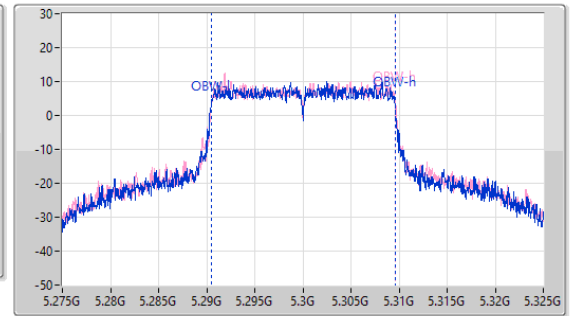
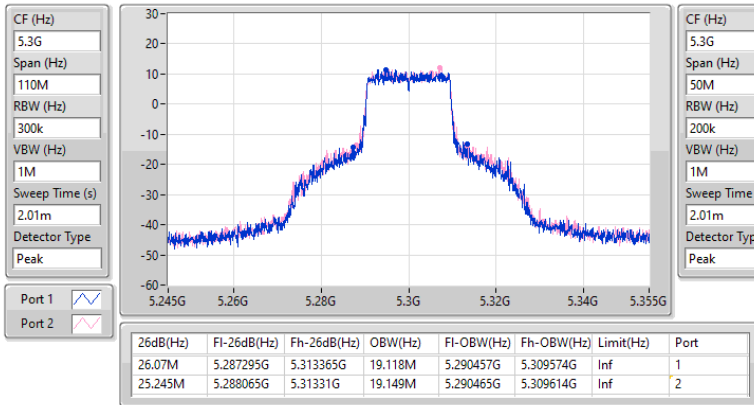


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

23/06/2026

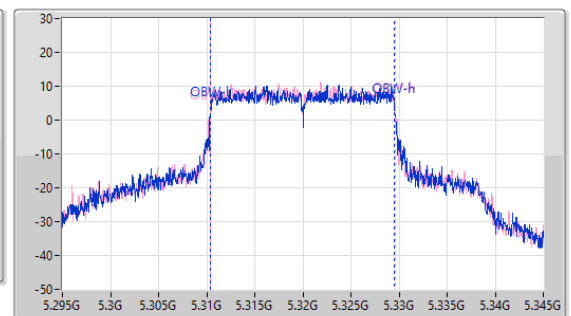
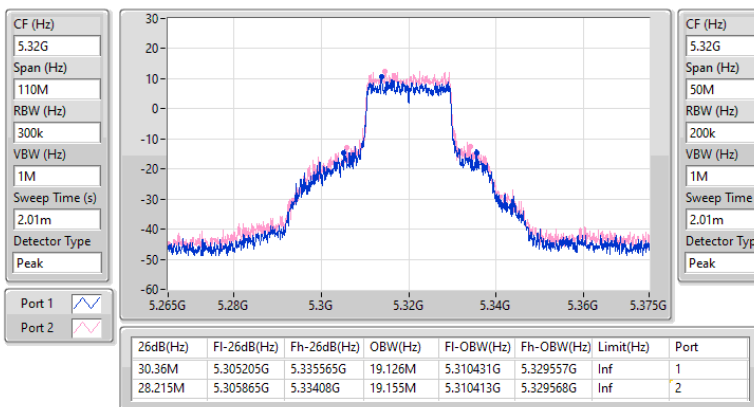


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

23/06/2026

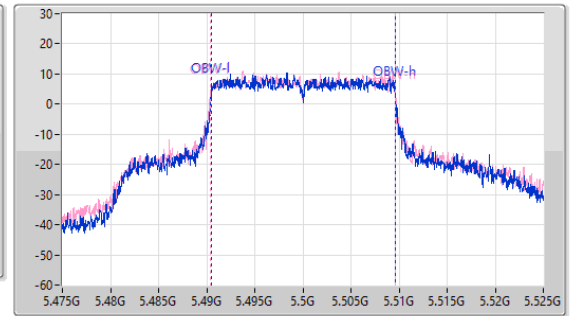
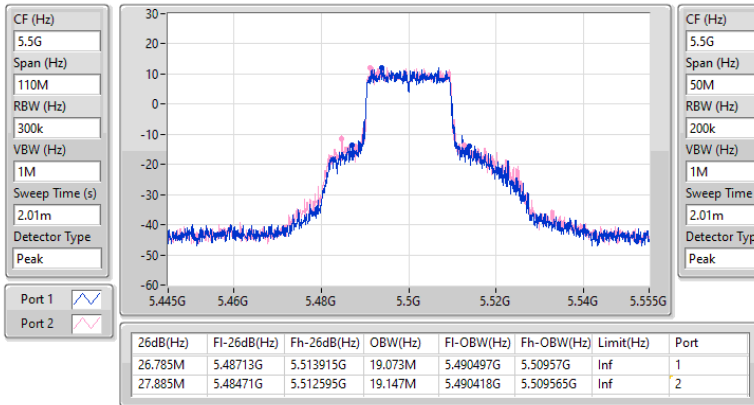


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

23/06/2026

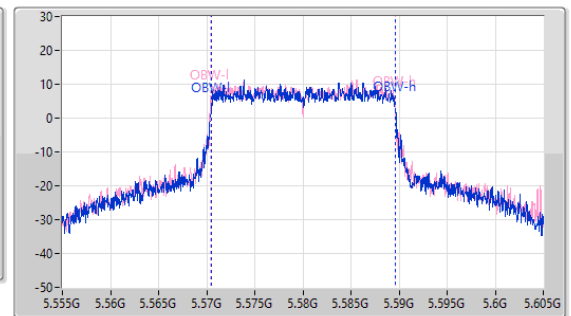
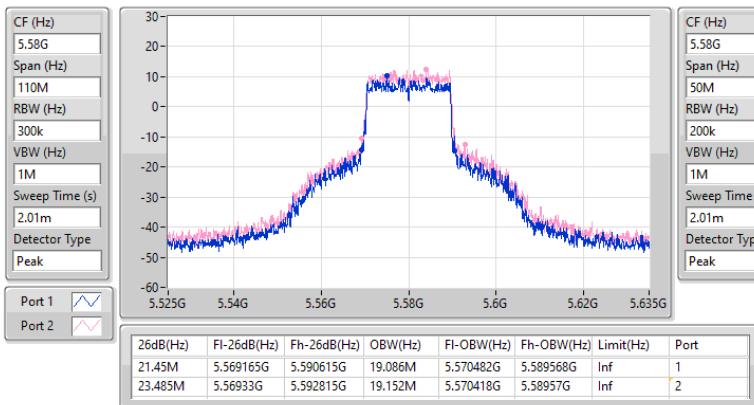


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

23/06/2026

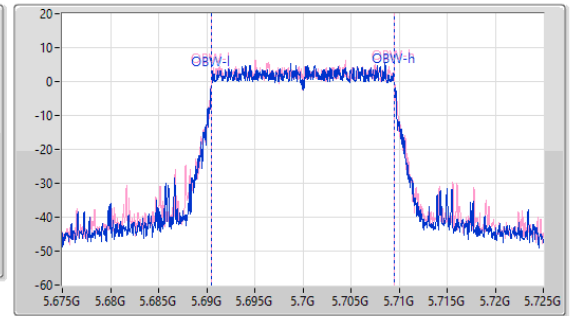
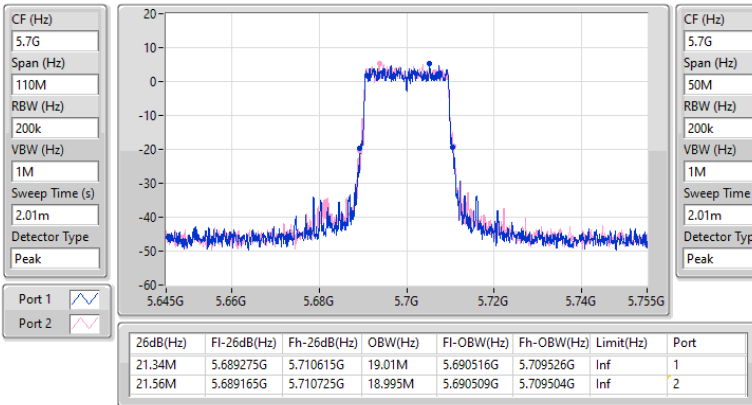


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

23/06/2026

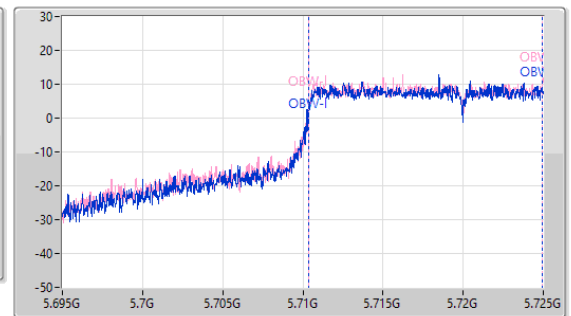
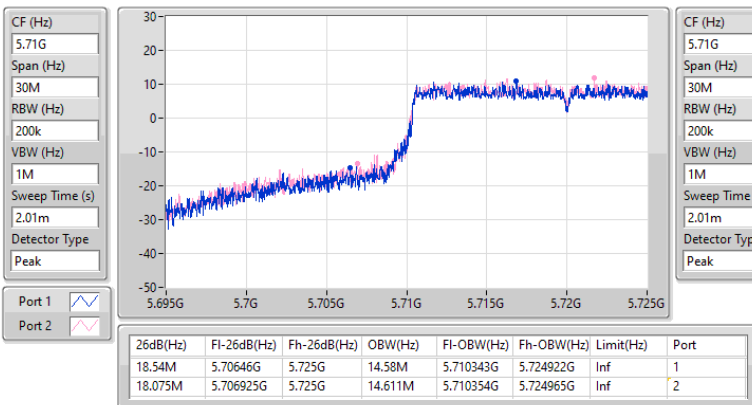


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

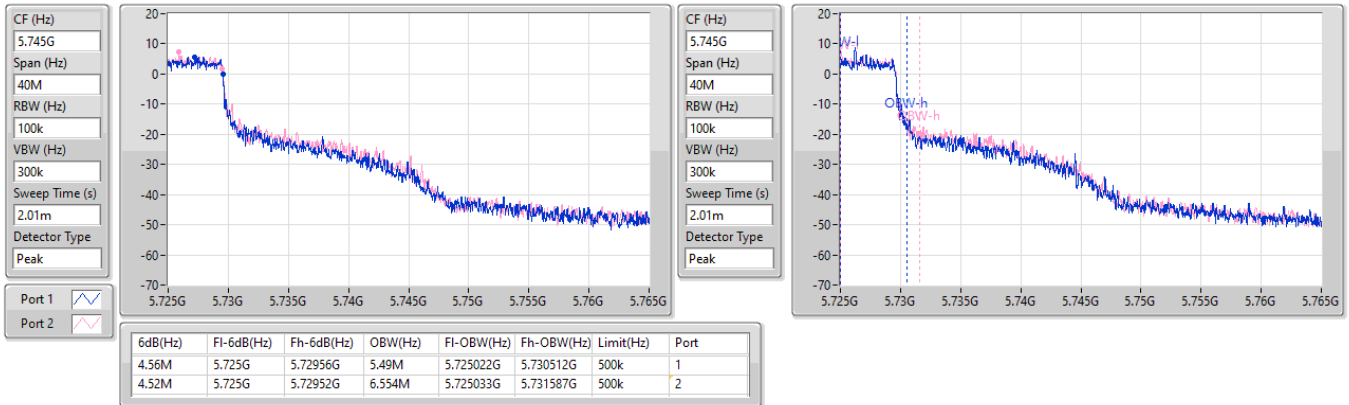
5720MHz Straddle 5.47-5.725GHz

23/06/2026

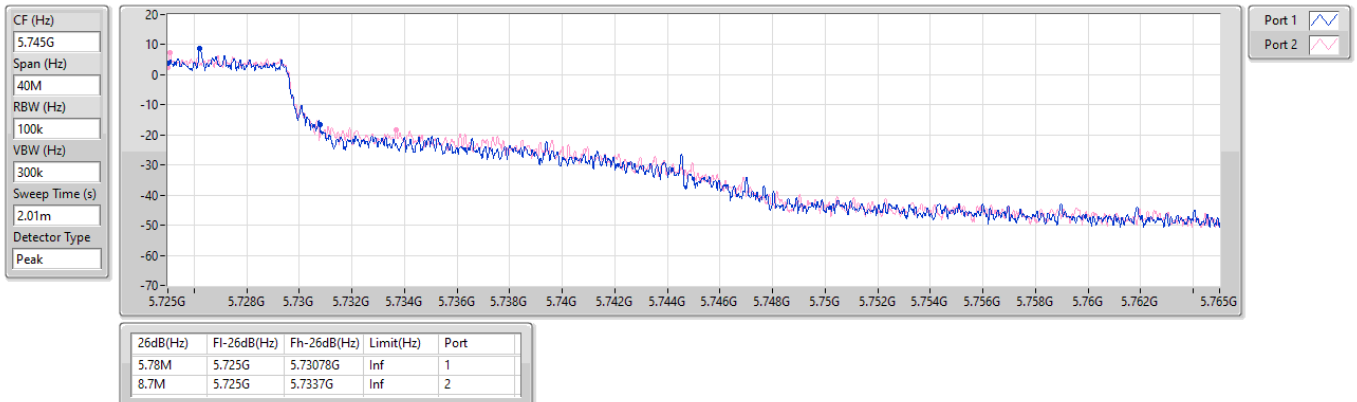


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/06/2026


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/06/2026

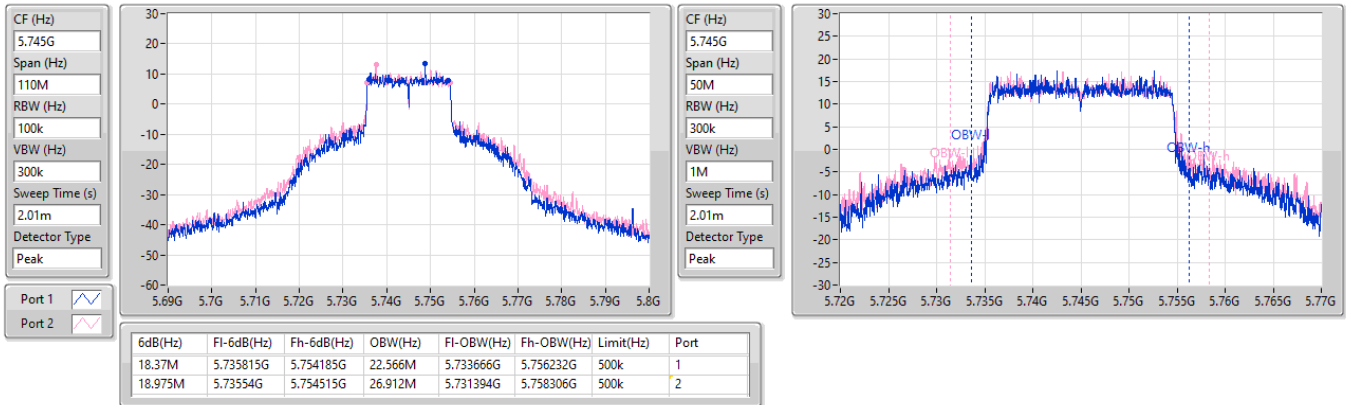


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

23/06/2026

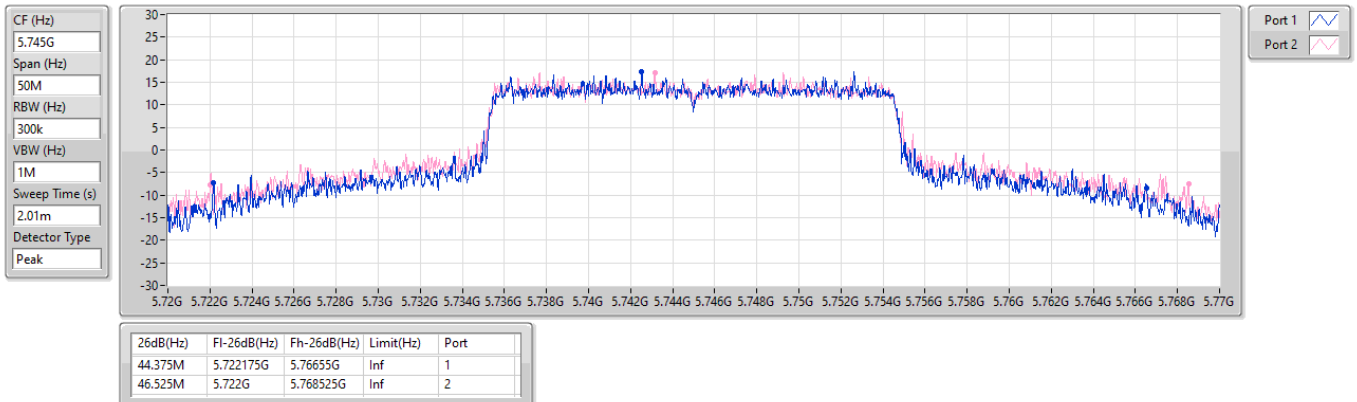


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

23/06/2026

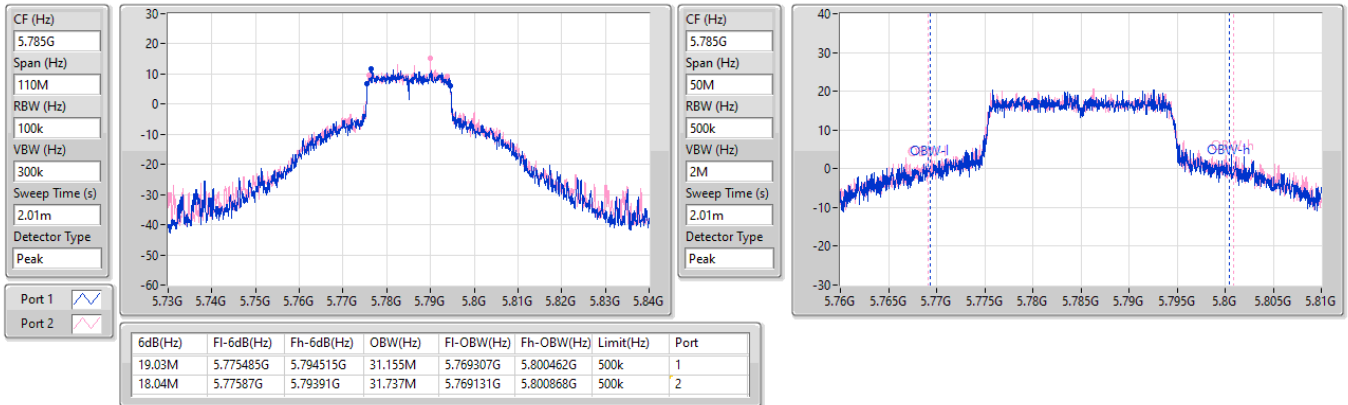


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

23/06/2026

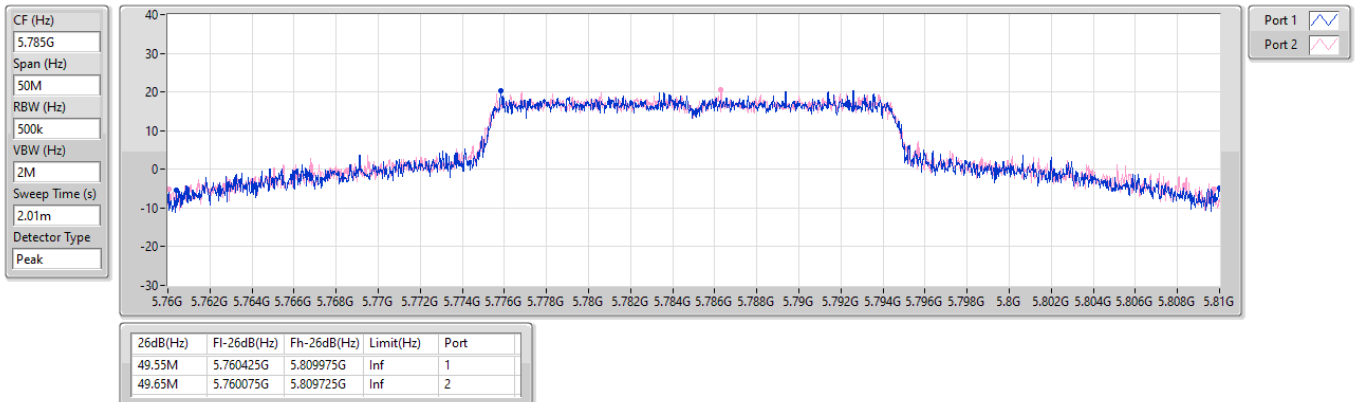


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

23/06/2026

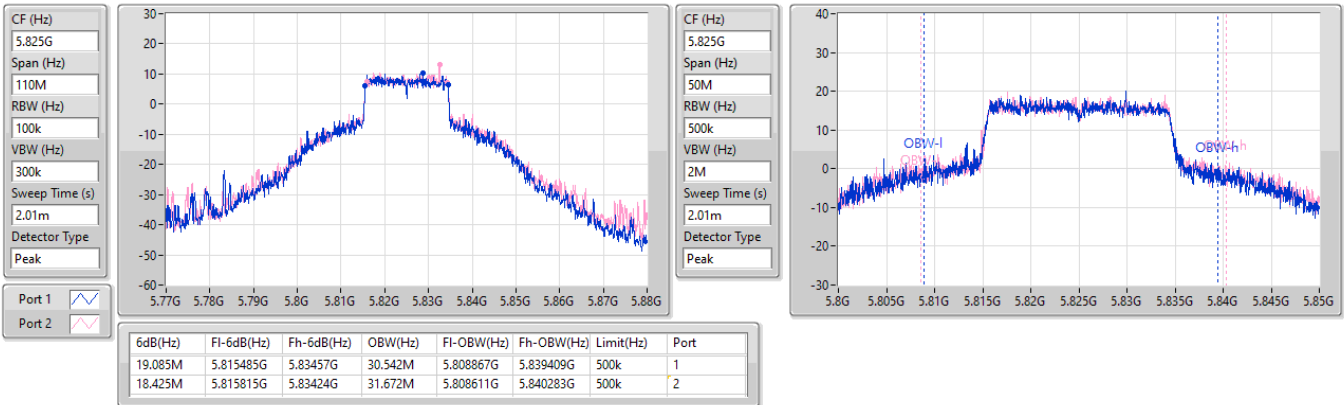


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

23/06/2026

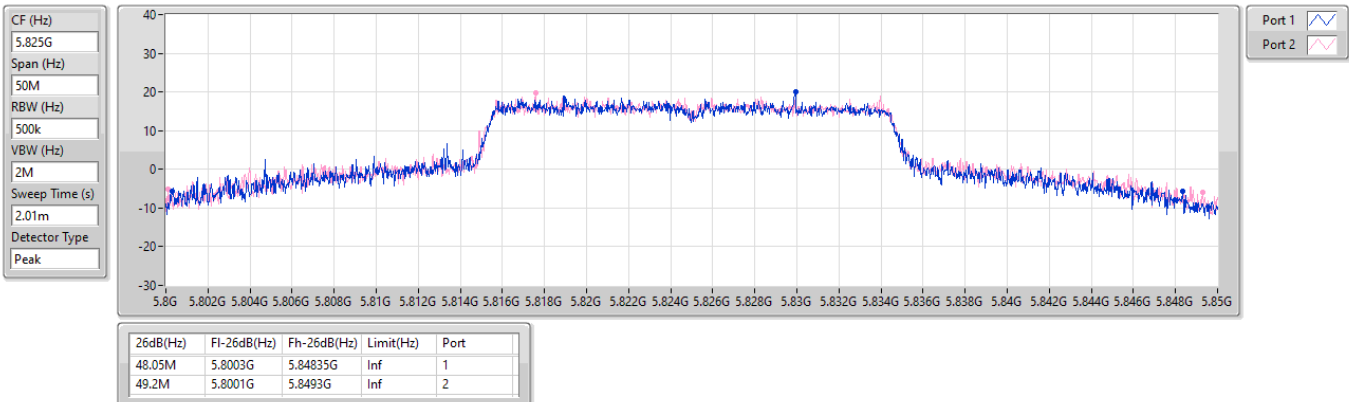


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

23/06/2026

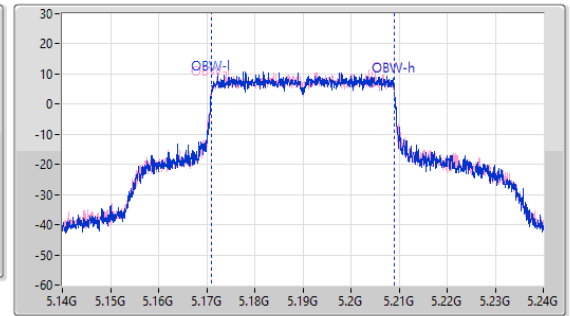
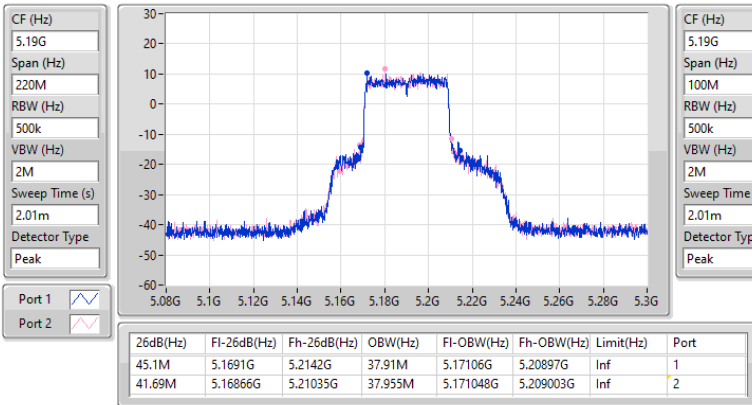


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

23/06/2026

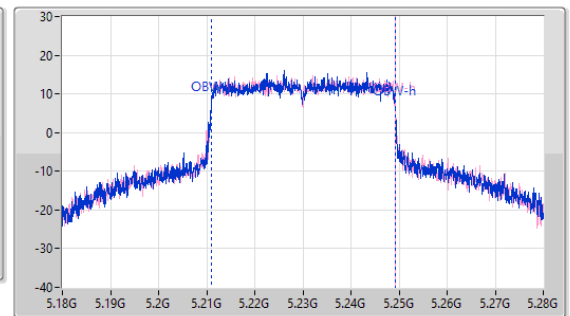
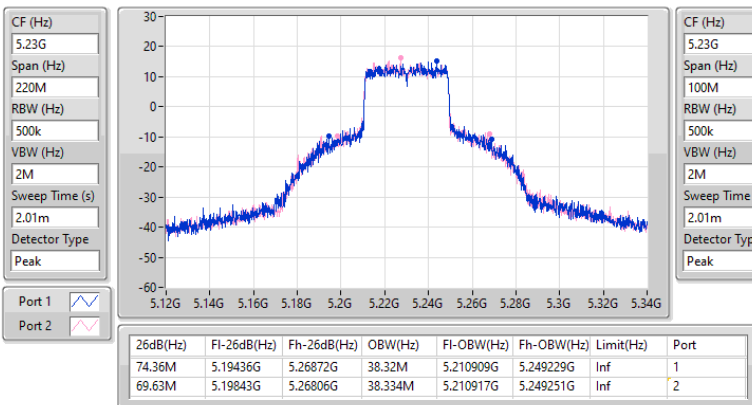


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

23/06/2026

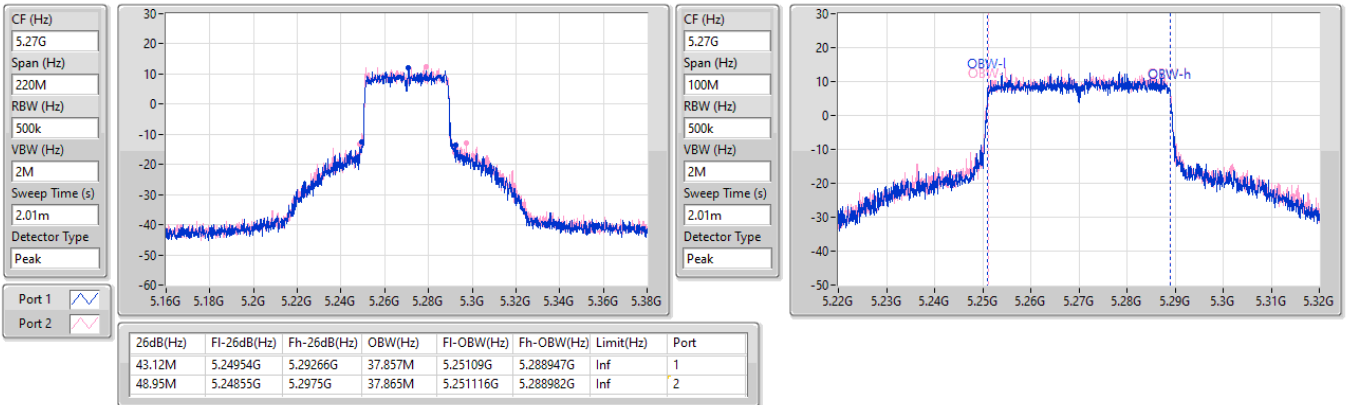


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

23/06/2026

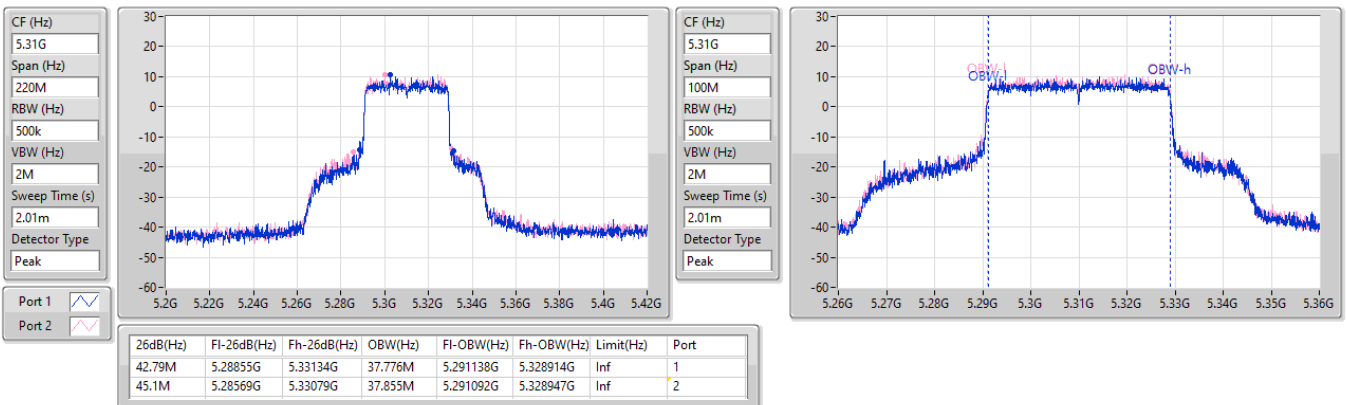


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

23/06/2026

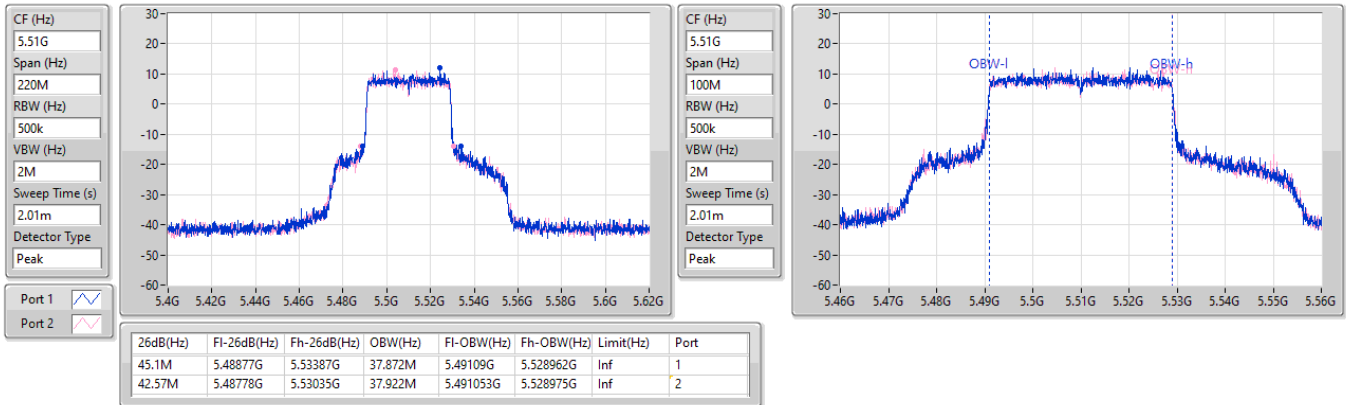


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

23/06/2026

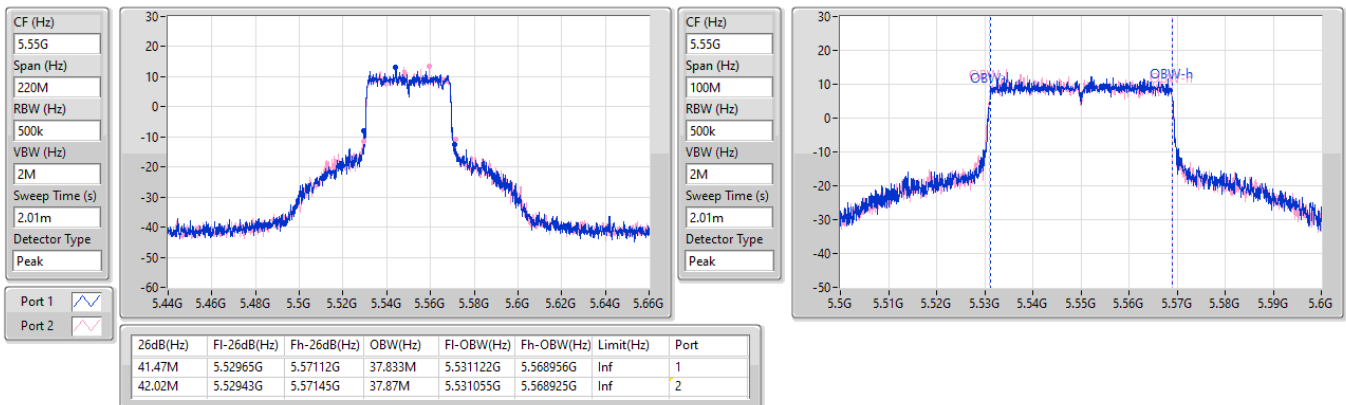


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

23/06/2026

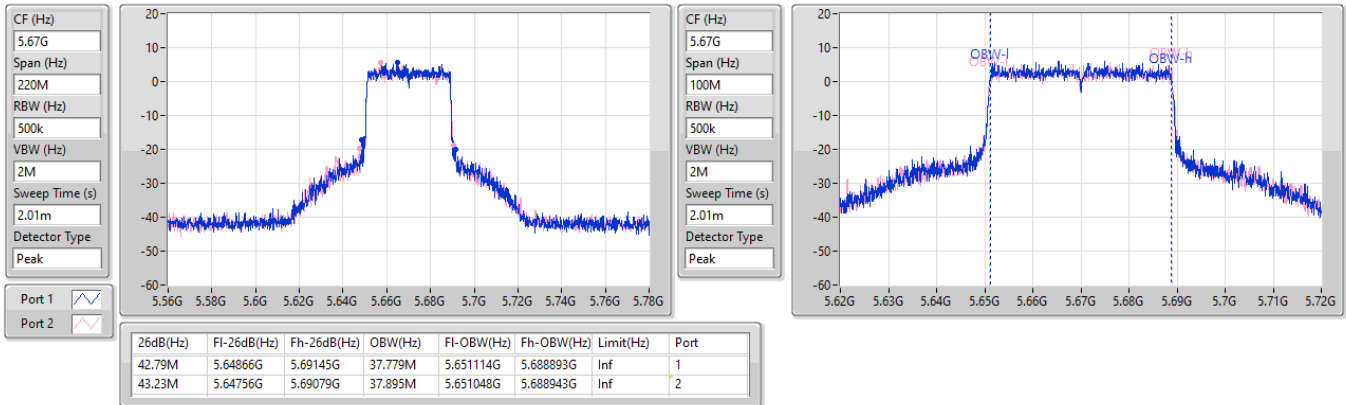


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

23/06/2026

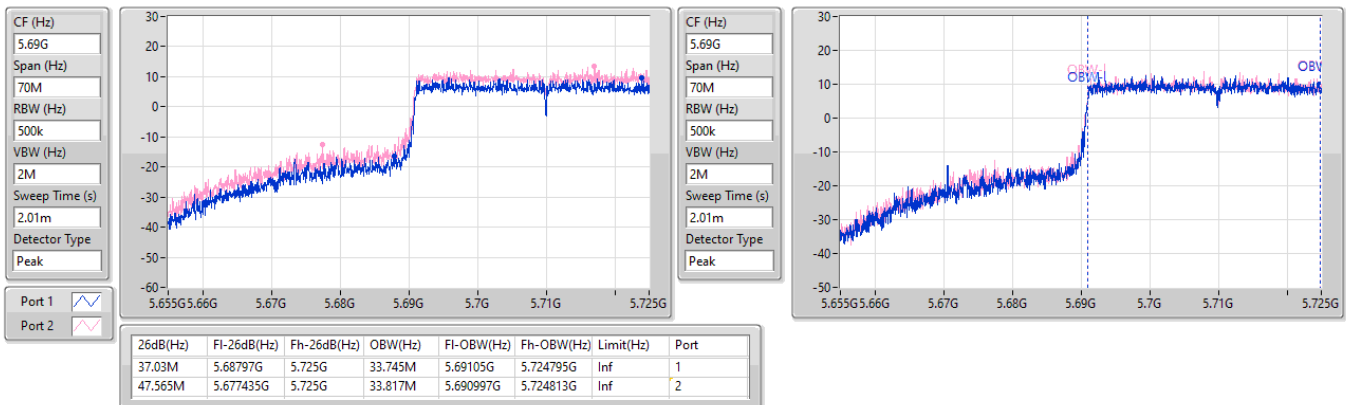


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

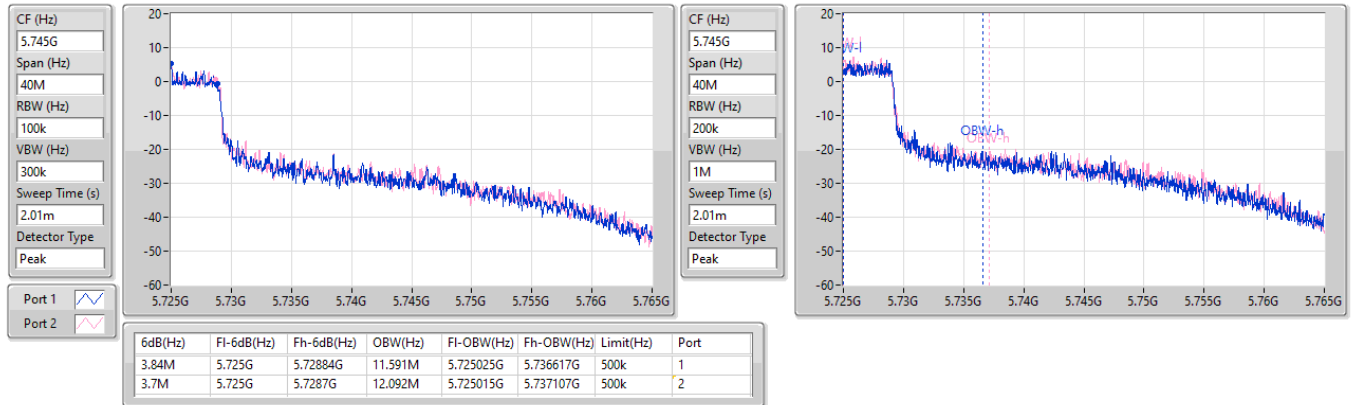
5710MHz Straddle 5.47-5.725GHz

23/06/2026

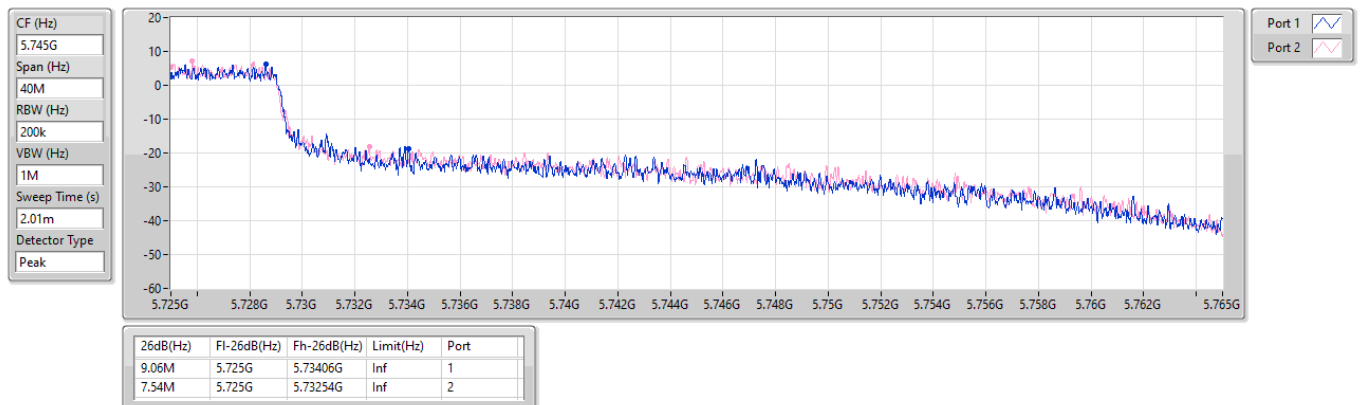


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

23/06/2026


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

23/06/2026

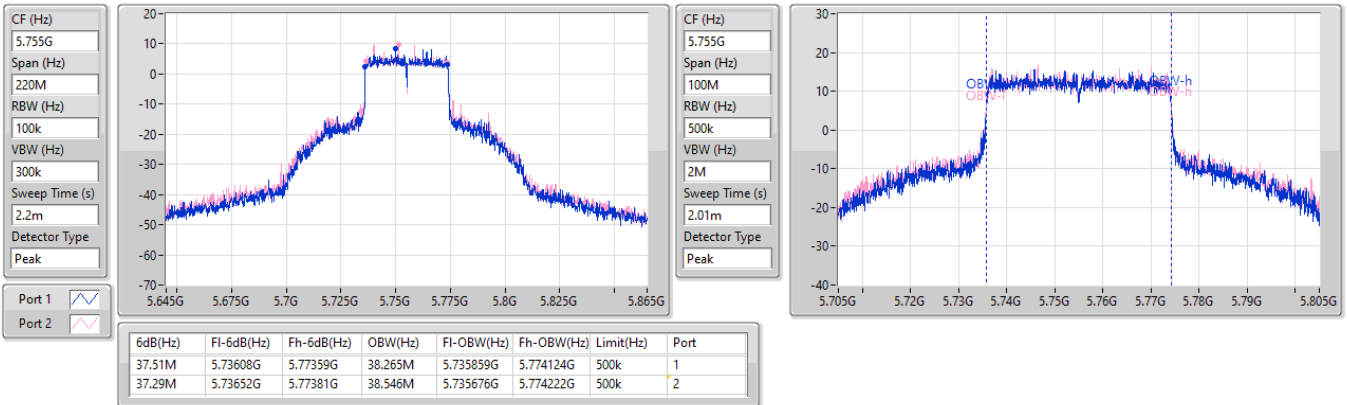


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

23/06/2026

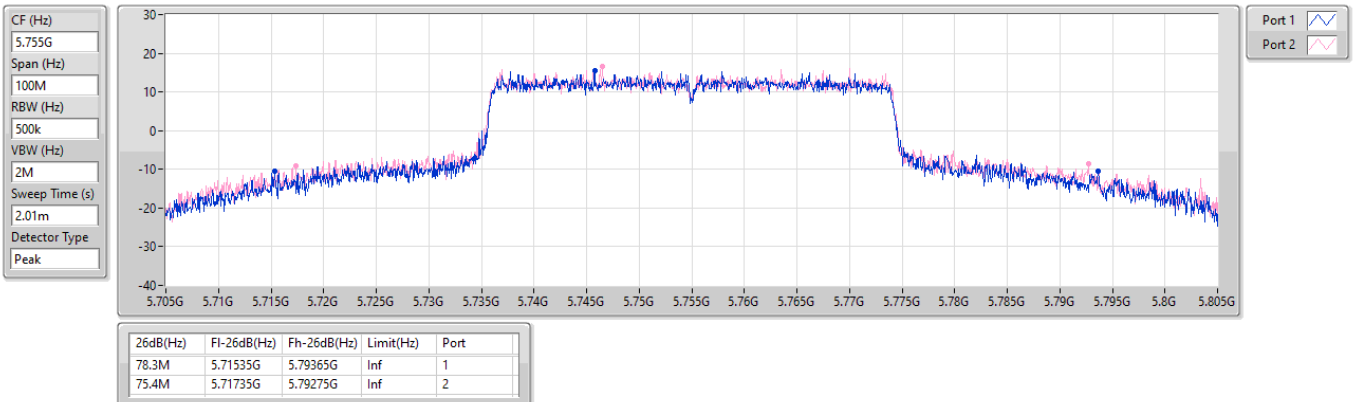


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

23/06/2026

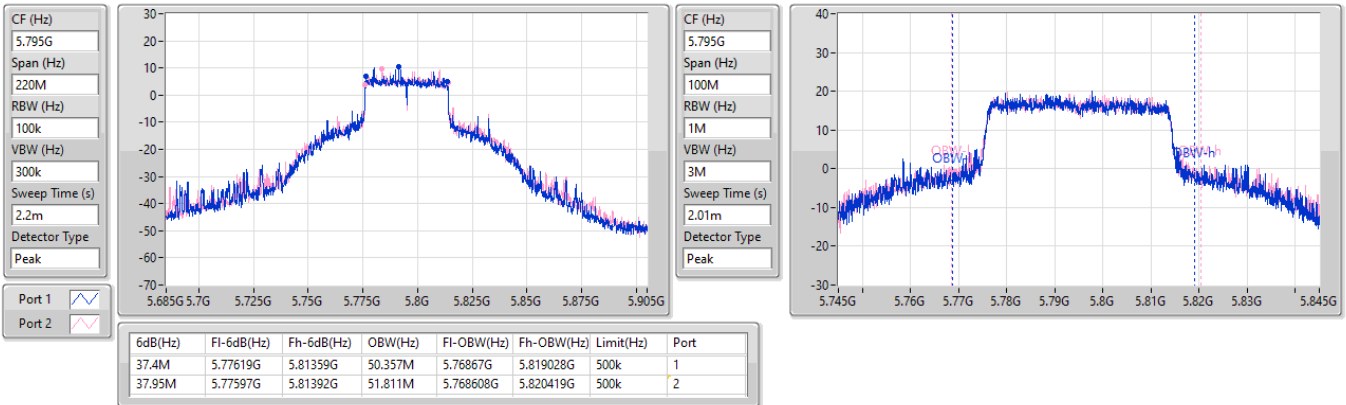


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

23/06/2026



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

23/06/2026

