

Testing Laboratory
3787

RADIO PARTIAL TEST REPORT

FCC ID : TVE-251020
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 244Kxxxxxxxxx, FAP-244Kxxxxxxxxx,
FORTIAP-244Kxxxxxxxxx
(Please refer to section 1.1.5 for detailed information.)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.407 (Excepting DFS testing.)

The product was received on Oct. 02, 2025, and testing was started from Oct. 02, 2025 and completed on Jun. 17, 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 (Excepting DFS testing.) and shown compliance with the applicable technical standards.

The test results in this partial 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: Rex Liao

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
1.1.2	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:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
3. The console port is intended for manufacturer use only and is not accessible to the end-user.

Reviewed by: Sam Chen**Report Producer: Sophia Shiung**



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]
5470-5725	EHT240	5610	122 [1]

**<Radio 0>**

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	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	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	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	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	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	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	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	2TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	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	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	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	2TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2TX
	EHT240	240	2TX
	EHT240-BF	240	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	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	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	2TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2TX

**<Radio 3>**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX
5.15-5.35GHz	802.11 ac VHT160, 802.11 ax HEW160	160	2TX
5.25-5.35GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ac VHT160, 802.11 ax HEW160	160	2TX
5.47-5.725GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ac VHT160, 802.11 ax HEW160	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	20	2TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40	40	2TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 and EHT240 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port					Brand	Model Name	Antenna Type	Connector	Remark
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT/ Zigbee	GNSS					
1	1	2	-	-	-	Grand-Tek	2034G00000370	Dipole	I-PEX	Radio 0
2	2	1	-	-	-	Grand-Tek	2034G00000380	Dipole	I-PEX	
3	-	-	2	-	-	Grand-Tek	203CG00000150	Dipole	I-PEX	Radio 1
4	-	-	1	-	-	Grand-Tek	203CG00000160	Dipole	I-PEX	
5	-	-	-	1	-	Grand-Tek	2039G00000090	Dipole	I-PEX	Radio 2
6	-	-	-	-	1	Grand-Tek	2031G00000150	Ceramic	I-PEX	Radio 4
7	2	2	2	-	-	Grand-Tek	203DG00000140	Dipole	I-PEX	Radio 3
8	1	1	1	-	-	Grand-Tek	203DG00000150	Dipole	I-PEX	

Ant.	Gain (dBi)									Remark
	WLAN 2.4GHz (MHz)			WLAN 5GHz (MHz)						
	2400	2450	2500	5100	5350	5500	5650	5785	5900	
1	8.8	9.2	8.0	9.5	9.4	9.2	9.3	9.1	9.1	Radio 0
2	8.8	9.8	8.3	10.1	10.8	10.0	9.0	8.5	9.0	

Ant.	Gain (dBi)		Remark
	WLAN 6GHz (MHz)		
	5925	6550	
3	8.3	8.5	Radio 1
4	8.5	9.4	

Ant.	Gain (dBi)				Remark
	BT / Zigbee (MHz)			GNSS (MHz)	
	2400	2450	2500		
5	7.3	7.9	7.2	-	Radio 2
6	-	-	-	5.2	Radio 4

Ant.	Gain (dBi)											Remark
	WLAN 2.4GHz (MHz)			WLAN 5GHz (MHz)						WLAN 6GHz (MHz)		
	2400	2450	2500	5100	5350	5500	5650	5785	5900	5925	6550	
7	7.3	7.0	6.1	6.4	6.4	6.5	7.0	7.3	7.5	8.0	6.8	Radio 3
8	6.2	7.0	6.3	6.0	5.8	5.5	6.0	6.5	6.6	7.0	5.9	

Note 1: The above information was declared by manufacturer.

Note 2: The WLAN 6GHz function is not enabled for this application.

Note 3: Directional gain information for WLAN 2.4GHz and 5GHz

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

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

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

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

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

Where;

<Radio 0>

2.4G G1= 9.8 dBi; G2= 9.2 dBi; DG= 12.52 dBi

5G UNII-1 G1= 9.5 dBi; G2= 10.1 dBi; DG= 12.82 dBi

5G UNII-2A G1= 9.4 dBi; G2= 10.8 dBi; DG= 13.14 dBi

5G UNII-2C G1= 9.3 dBi; G2= 10 dBi; DG= 12.67 dBi

5G UNII-3 G1= 9.1 dBi; G2= 8.5 dBi; DG= 11.82 dBi

<Radio 3>

2.4G G1= 7.3 dBi; G2= 7 dBi; DG= 10.16 dBi

5G UNII-1 G1= 6.4 dBi; G2= 6 dBi; DG= 9.21 dBi

5G UNII-2A G1= 6.4 dBi; G2= 5.8 dBi; DG= 9.12 dBi

5G UNII-2C G1= 7 dBi; G2= 6 dBi; DG= 9.52 dBi

5G UNII-3 G1= 7.5 dBi; G2= 6.6 dBi; DG= 10.07 dBi

Note 4: <Radio 0>

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.



<Radio 1>

For 6GHz function:

For IEEE 802.11 a/ax/be (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

<Radio 2>

For Bluetooth and Zigbee function (1TX/1RX):

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

<Radio 3>

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 a/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For GNSS function (1RX):

Only Port 1 can be used as receiving antenna.

**1.1.3 Mode Test Duty Cycle****<Radio 0>**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss 1,(M0)	0.982	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.982	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.983	0.07	5.459m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss 1,(M0)	0.983	0.07	5.459m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0)	0.98	0.09	5.456m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss 1,(M0)	0.98	0.09	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0)	0.981	0.08	5.463m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss 1,(M0)	0.981	0.08	5.463m	10Hz (DC>=0.98)
EHT240_240MHz_Nss 1,(M0)	0.978	0.1	5.456m	300
EHT240_240MHz,BF_Nss 1,(M0)	0.978	0.1	5.456m	300

<Radio 3>

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.992	0.03	2.097m	10Hz (DC>=0.98)
802.11ax HEW20	0.997	0.01	5.445m	10Hz (DC>=0.98)
802.11ax HEW40	0.997	0.01	5.445m	10Hz (DC>=0.98)
802.11ax HEW80	0.997	0.01	5.445m	10Hz (DC>=0.98)
802.11ax HEW160	0.997	0.01	5.445m	10Hz (DC>=0.98)

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz and n/ac/ax/be in 5GHz for Radio 0.			
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 Static Puncturing		
	☐	Supported Dynamic Puncturing (Reduce BW)		
	☒	Unsupported		
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Non-beamforming mode: QSPR Version 6.00.00255.1 Beamforming mode: DOS [V10.0.19045.6456]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
FortiAP 244Kxxxxxxxxx	Where "x" can be used as "A-Z", "0-9", "-", or blank for software changes or marketing purposes only.
FAP-244Kxxxxxxxxx	
FORTIAP-244Kxxxxxxxxx	

Note 1: From models above, model "FAP-244K" was selected to test.

Note 2: The above information was declared by manufacturer.

**1.1.6 Table for Radio Function**

Radio (R)	Function	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz	BT / Zigbee	GNSS
			UNII 1/3	UNII 2A~2C			
R0 (Service Radio)	AP Router	✓	✓	✓	-	-	-
	Bridge, Repeater, Extender, Mesh	✓	✓	-	-	-	-
R1 (Service Radio)	AP Router	-	-	-	-	-	-
R2	-	-	-	-	-	✓	-
R3 (Scan Radio)	-	✓	✓	✓	-	-	-
R4	-	-	-	-	-	-	✓

Note 1: For WLAN 2.4GHz and 5GHz, R0 and R3 can't operate at the same frequency simultaneously.

Note 2: The AP Router mode was tested and its data was recorded in this report.

Note 3: 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 D01 v02r01
- ♦ 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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Power/Other tests)	TH02-CB	Mason Chen	22~23.3 / 58~62	Oct. 27, 2025~ Feb. 02, 2026
RF Radiated (Power at Phi 30°)	03CH01-CB	Gordon Gung	22.1~23.1 / 60~62	Oct. 02, 2025~ Jan. 28, 2026
	03CH03-CB		22.2~22.6 / 59~61	
	03CH05-CB		21.9~22.4 / 60~62	
Radiated < 1GHz	10CH01-CB	Stim Sung	22~23 / 63~64	Jun. 17, 2026
Radiated > 1GHz (Other tests)	03CH01-CB	Gordon Gung	22.1~23.1 / 60~62	Oct. 02, 2025~ Jan. 28, 2026
Radiated > 1GHz (Co-location)	03CH03-CB	Chris Li	22.2~22.6 / 59~61	Feb. 01, 2026
AC Conduction	CO01-CB	Allen Chung	22~23 / 58~59	Jun. 10, 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 Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.9 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

<Radio 0>

Mode
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



Mode
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
EHT240_240MHz_Nss1,(MCS0)_2TX
5610MHz Straddle 5.47-5.725GHz
5610MHz Straddle 5.725-5.85GHz
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



Mode
5775MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
EHT240_240MHz,BF_Nss1,(MCS0)_2TX
5610MHz Straddle 5.47-5.725GHz
5610MHz Straddle 5.725-5.85GHz

<Radio 3>

Mode
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
802.11ax HEW20_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
802.11ax HEW40_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz



Mode
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11ax HEW80_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11ax HEW160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

Note:

- ♦ For Radio 0, EHT20 / EHT40 / EHT80 / EHT160 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 is the same or lower than EHT20 / EHT40 / EHT80 / EHT160.
- ♦ For Radio 0, the EUT supports non-beamforming and beamforming modes. After evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.
- ♦ For Radio 3, HEW20 / HEW40 / HEW80 / HEW160 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 is the same or lower than HEW20 / HEW40 / HEW80 / HEW160.

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 + Power cable 1_R0: 2.4/5GHz + R2: BT + R3: 2.4GHz + R4: GNSS
2	EUT + Power cable 1_R0: 2.4/5GHz + R2: Zigbee + R3: 2.4GHz + R4: GNSS
Mode 1 has been evaluated to be the worst case among Mode 1~2, so the measurement for Mode 3 will follow this same test mode.	
3	EUT + Power cable 1_R0: 2.4/5GHz + R2: BT + R3: 5GHz + R4: GNSS
Mode 1 has been evaluated to be the worst case among Mode 1~3, so the measurement for Mode 4 will follow this same test mode.	
4	EUT + Power cable 2_R0: 2.4/5GHz + R2: BT + R3: 2.4GHz + R4: GNSS
For operating, mode 1 is the worst case and it was recorded in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Test Mode	1 R0_Indoor use
	2 R0_Outdoor use
	3 R3_Indoor use
	4 R3_Outdoor use

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Output Power at any elevation angle above 30 degrees
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.
Test Mode	1 R0
	2 R3



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + Power cable 1_R0: 2.4/5GHz + R2: BT + R3: 2.4GHz + R4: GNSS
2	EUT in Y axis + Power cable 1_R0: 2.4/5GHz + R2: Zigbee + R3: 2.4GHz + R4: GNSS
Mode 2 has been evaluated to be the worst case among Mode 1~2, so the measurement for Mode 3 will follow this same test mode.	
3	EUT in Y axis + Power cable 1_R0: 2.4/5GHz + R2: Zigbee + R3: 5GHz + R4: GNSS
Mode 2 has been evaluated to be the worst case among Mode 1~3, so the measurement for Mode 4 will follow this same test mode.	
4	EUT in Y axis + Power cable 2_R0: 2.4/5GHz + R2: Zigbee + R3: 2.4GHz + R4: GNSS
For operating, mode 2 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R0
2	EUT in Y axis_R3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis_R0: 2.4/5GHz
Refer to Appendix G for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R0: 2.4/5GHz + R2: BT + R3: 2.4GHz
2	R0: 2.4/5GHz + R2: Zigbee + R3: 2.4GHz
3	R0: 2.4/5GHz + R2: BT + R3: 5GHz
4	R0: 2.4/5GHz + R2: Zigbee + R3: 5GHz
Refer to Sporton Test Report No.: FA5O0812 for Co-location RF Exposure Evaluation.	

Note: "R" = "Radio".

2.3 EUT Operation during Test

For CTX Mode:

Non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

Beamforming mode:

During the test, the following programs under WIN 11 were executed.

The program was executed as follows:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
PoE	PHIHONG	POE60U-BTA	Input: 100-240V ~ 1.5A, 50-60Hz Output 1: 56V, 0.535A, 30W Output 2: 56V, 0.535A, 30W
Others			
Power cable 1*1: Non-shielded, 1m			
Power cable 2*1: Non-shielded, 1m			
Mounting bracket 1*1			
Mounting bracket 2*1			
Mounting bracket 3*1			
Mounting bracket 4*1			
Ground cable*1: Non-shielded, 1m			
Waterproof Connector Type 1*1			
Waterproof Connector Type 2*1			
Waterproof Cap Type 1*1			
Waterproof Cap Type 2*1			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Transceiver	xtramus	N/A	N/A
B	LAN1/PoE 5G PC	ASUS	S300TA	TX2-RTL8821CE
C	LAN2/SFP+10G PC	ASUS	S300TA	TX2-RTL8821CE
D	BT Device	FORTINET	FAP-244K	N/A
E	5G NB	Lenovo	X260	N/A
F	2.4G NB	Lenovo	X260	N/A
G	GPS Simulator	WELNAVIGATE	GS-100	N/A
H	BT Device NB	Lenovo	X260	N/A

**For Radiated < 1GHz:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Transceiver	xtramus	N/A	N/A
B	Zigbee Device NB	Lenovo	X260	N/A
C	LAN1/PoE 5G PC	ASUS	S300TA	TX2-RTL8821CE
D	LAN2/SFP+10G PC	ASUS	S300TA	TX2-RTL8821CE
E	Zigbee Device	FORTINET	FAP-244K	N/A
F	5G NB	Lenovo	X260	N/A
G	2.4G NB	Lenovo	X260	N/A
H	GPS Simulator	WELNAVIGATE	GS-100	N/A

For Radiated > 1GHz (Other tests):

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

For RF Radiated (Power at Phi 30°):**Non-beamforming mode:**

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

Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	FORTINET	FAP-244K	N/A
C	PoE	PHIHONG	POE60U-BTA	N/A
D	NB	DELL	E4300	N/A

**For Radiated > 1GHz (Co-location):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN1/PoE 5G PC	ASUS	S300TA	N/A
B	LAN2/SFP+10G PC	ASUS	S300TA	N/A
C	GPS Simulator	WELNAVIGATE	GS-100	N/A
D	NB (2.4GWifi)	DELL	E6430	N/A
E	NB (5GWifi)	DELL	E6430	N/A
F	NB (6G Wifi)	DELL	E6230	N/A
G	WLAN module	Intel	BE200NGW	PD9BE200NG
H	BT Device	FORTINET	FAP-244K	N/A
I	Transceiver	xtramus	N/A	N/A

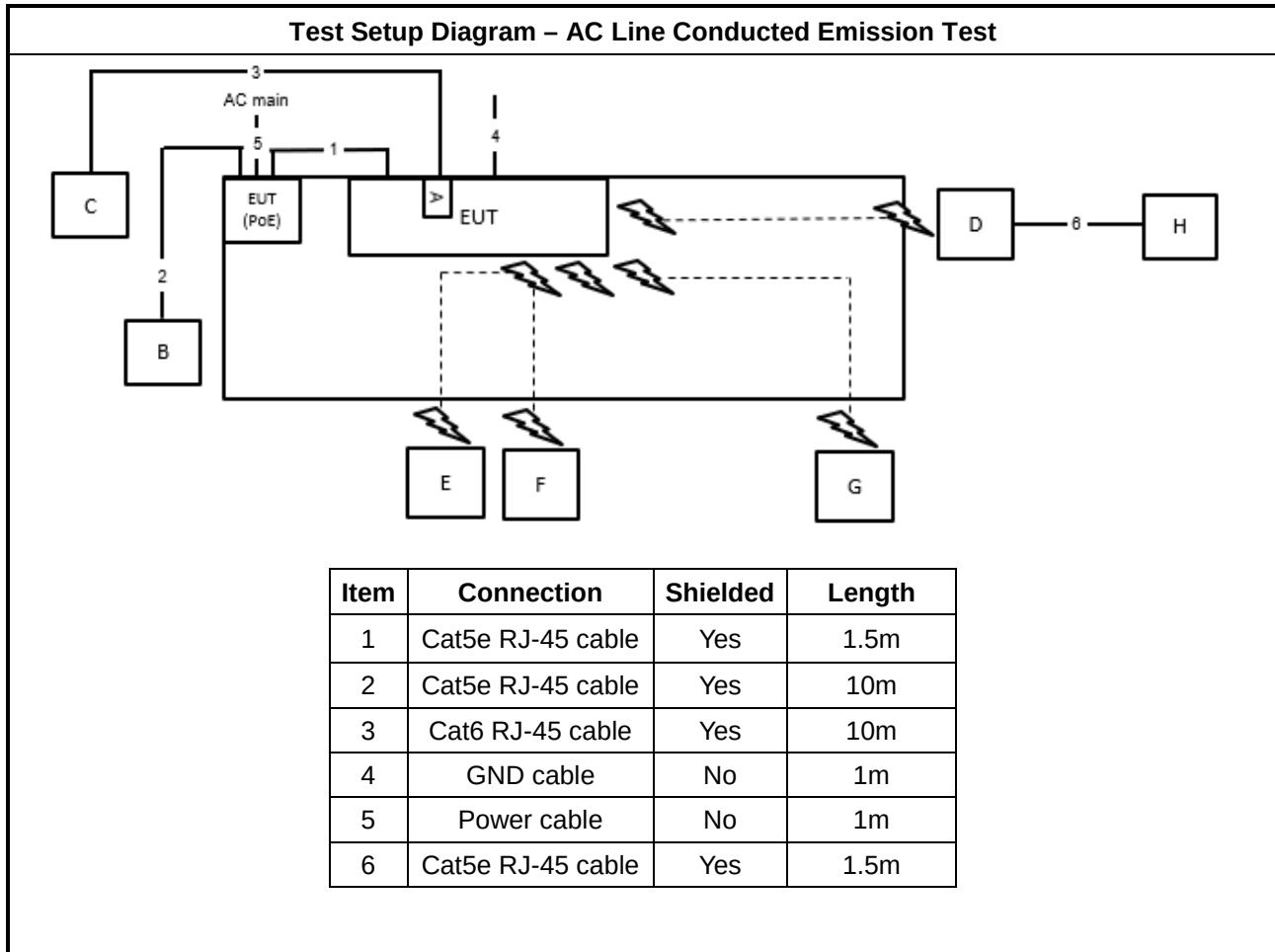
For RF Conducted (Power/Other tests)**Non-beamforming mode:**

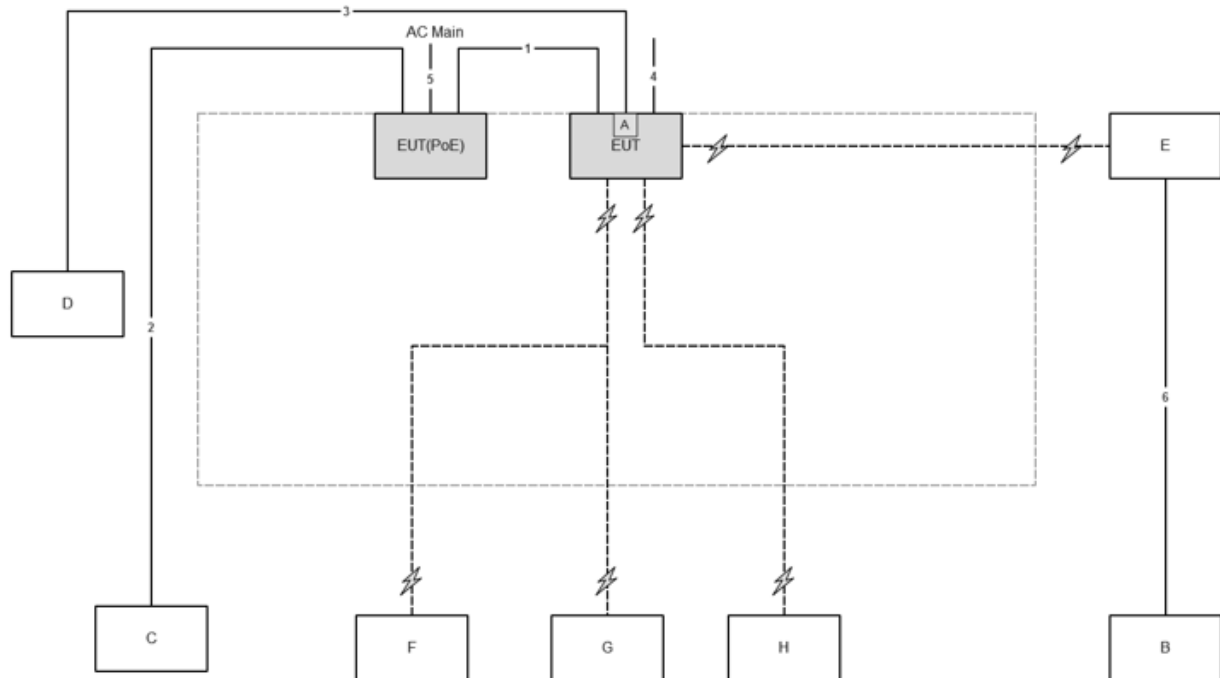
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

Beamforming mode:

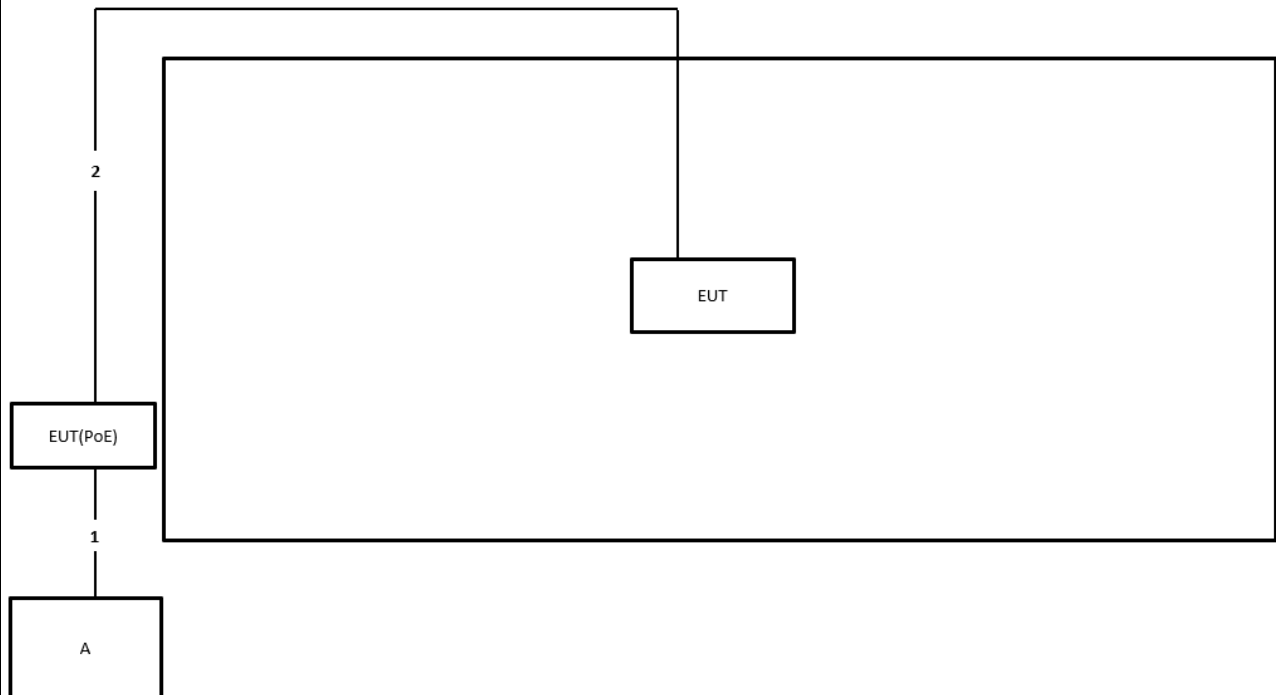
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	FORTINET	WA8352221R-L7	N/A
C	NB	DELL	E4300	N/A

2.6 Test Setup Diagram

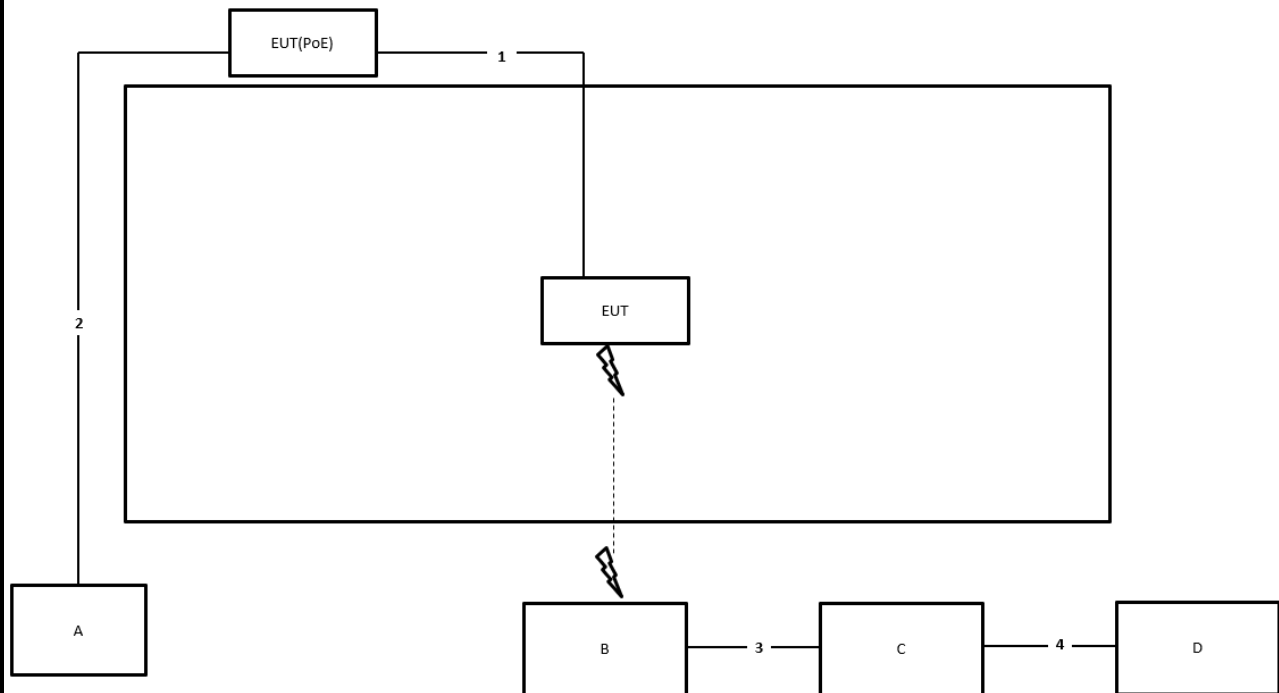


Test Setup Diagram - Radiated Test < 1GHz


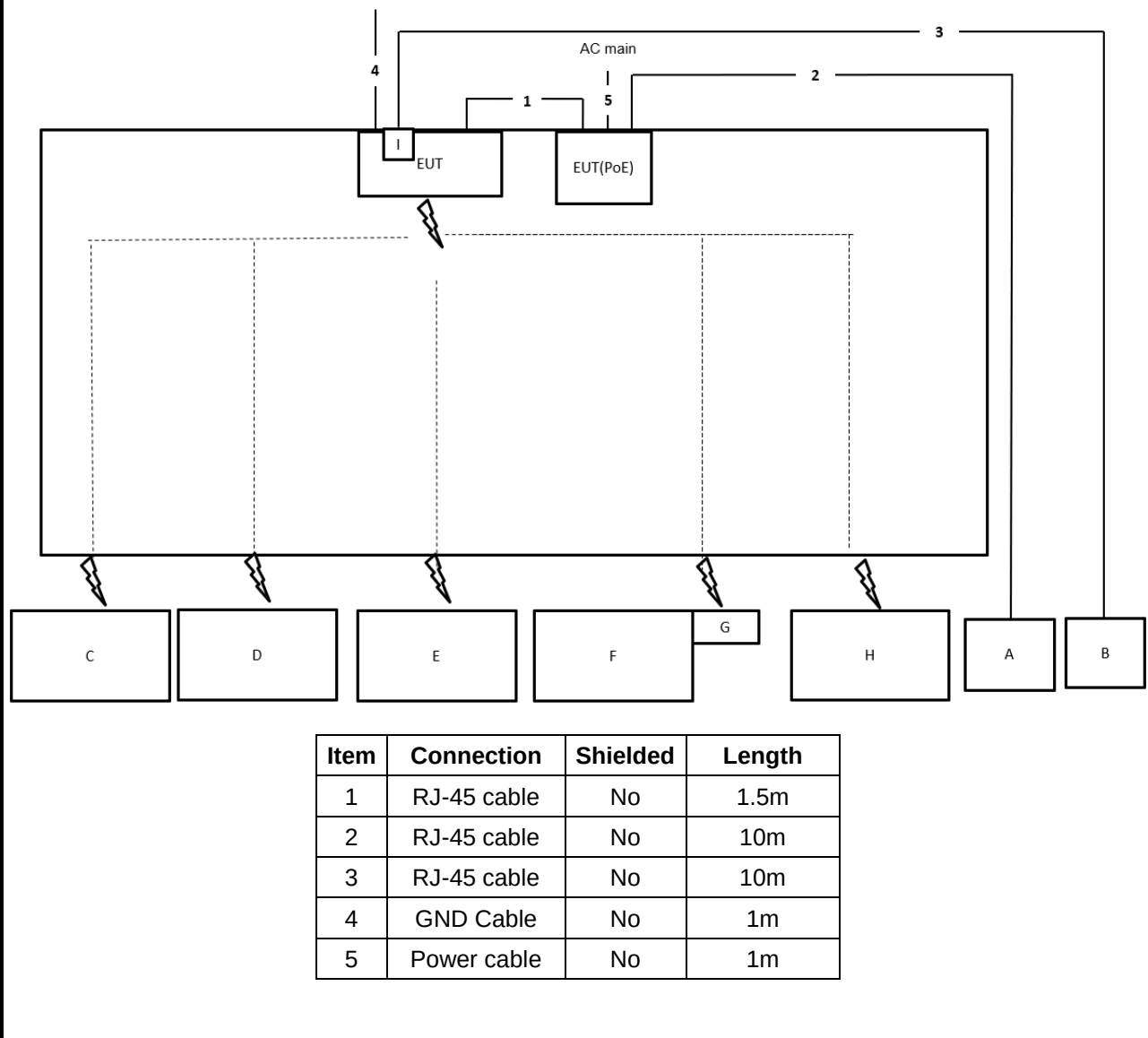
Item	Connection	Shielded	Length
1	Cat5e RJ-45 cable	Yes	1.5m
2	Cat5e RJ-45 cable	Yes	10m
3	Cat6 RJ-45 cable	Yes	10m
4	GND cable	No	1m
5	Power cable	No	1m
6	Cat5e RJ-45 cable	Yes	1.5m

Test Setup Diagram - Radiated Test > 1GHz (Other Tests) & RF Radiated Test (Power at Phi 30°)
Non-beamforming mode


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

Test Setup Diagram - RF Radiated Test (Power at Phi 30°)
Beamforming mode


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

Test Setup Diagram - Radiated Test > 1GHz (Co-location)




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.

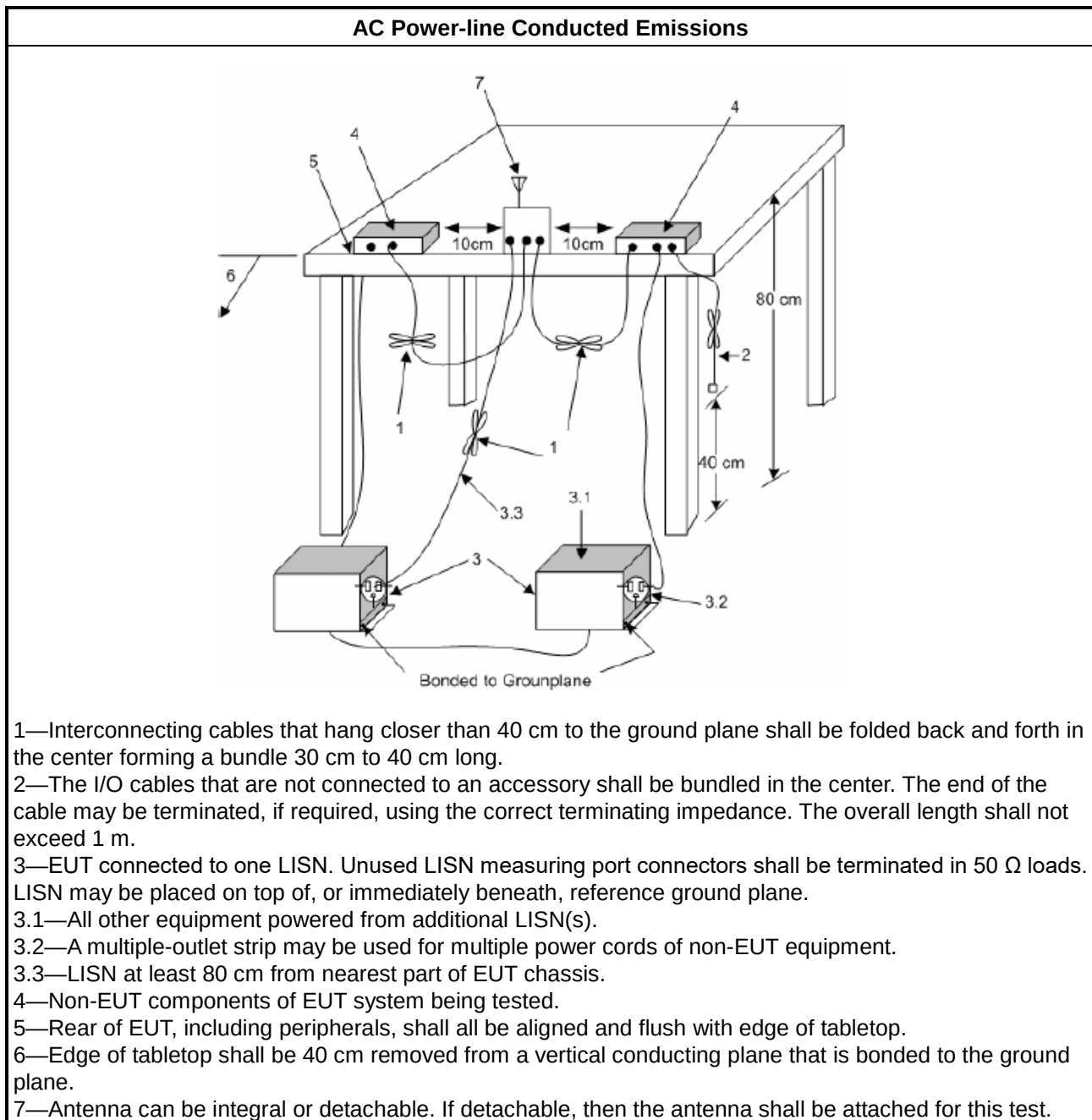
3.1.2 Measuring Instruments

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 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 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 ≥ 500kHz.
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 ≥ 500kHz.

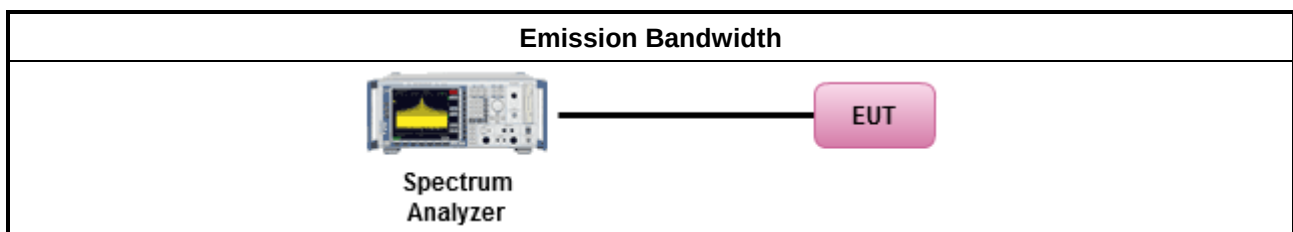
3.2.2 Measuring Instruments

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

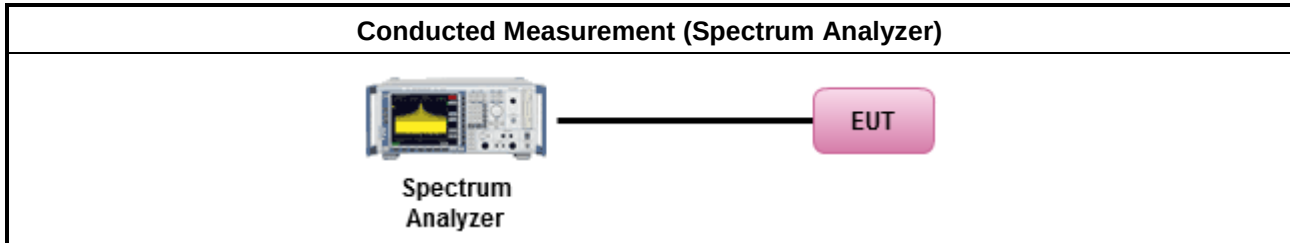
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

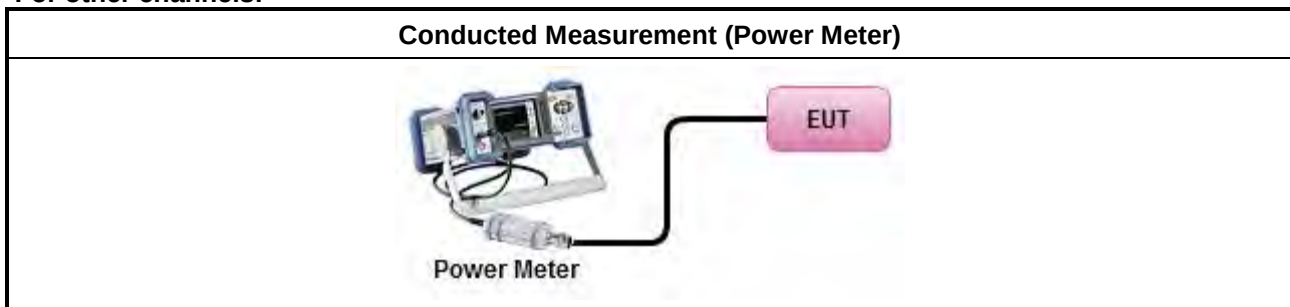
Test Method	
Maximum Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	Maximum Output Power: 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]) $EIRP_{total} = P_{total} + DG$
☒	Maximum Output Power at any elevation angle above 30 degrees: 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

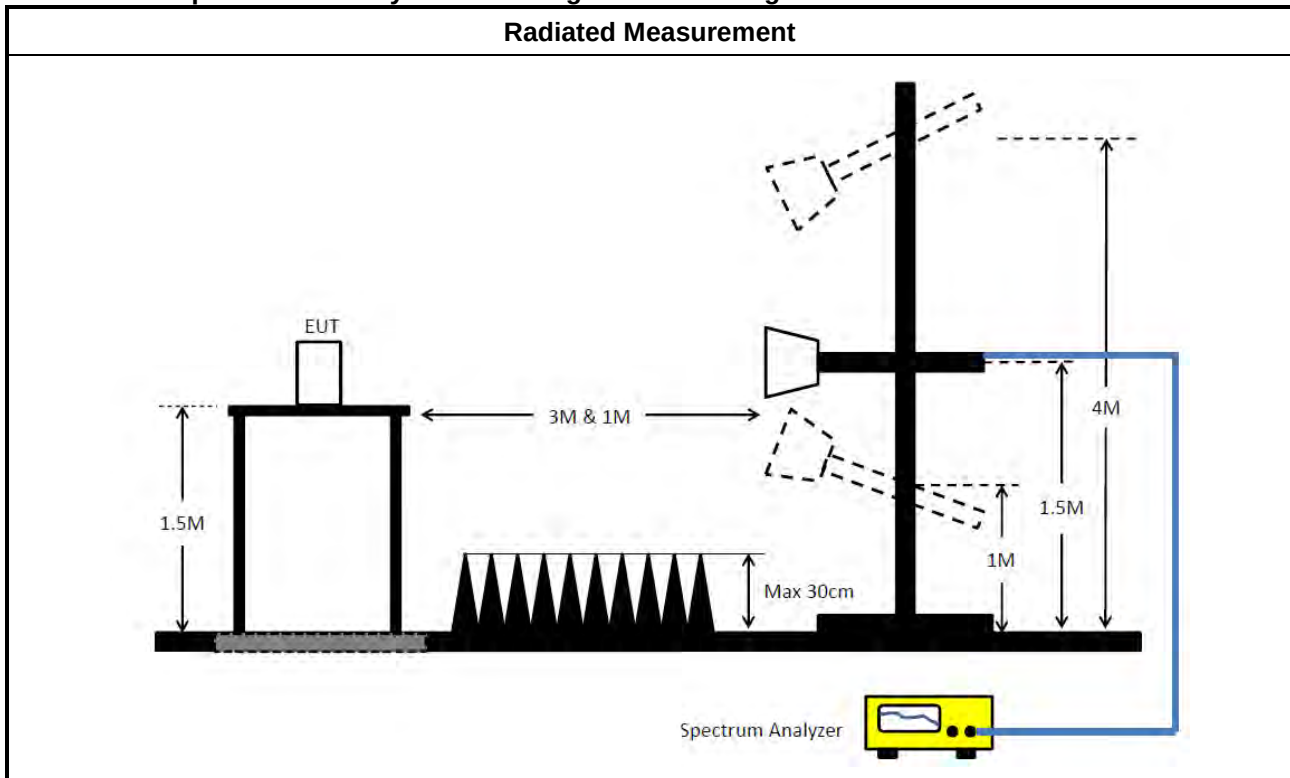
Maximum Output Power:
For straddle channels:



For other channels:



Maximum Output Power at any elevation angle above 30 degrees:



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.

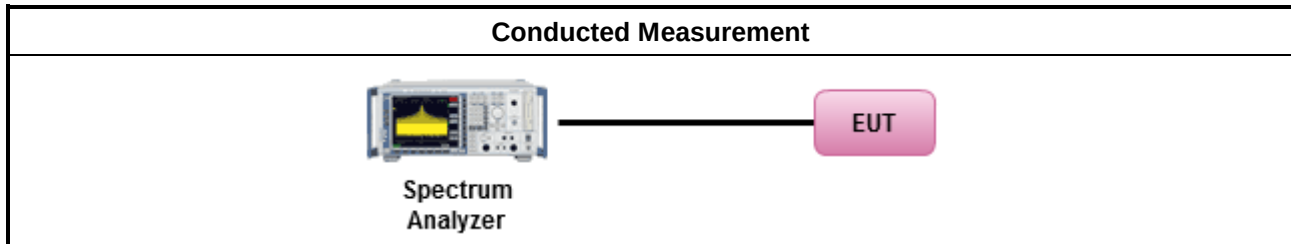


3.4.3 Test Procedures

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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth [duty cycle ≥ 98% or external video / power trigger]
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

☐	For radiated measurement.
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of 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).



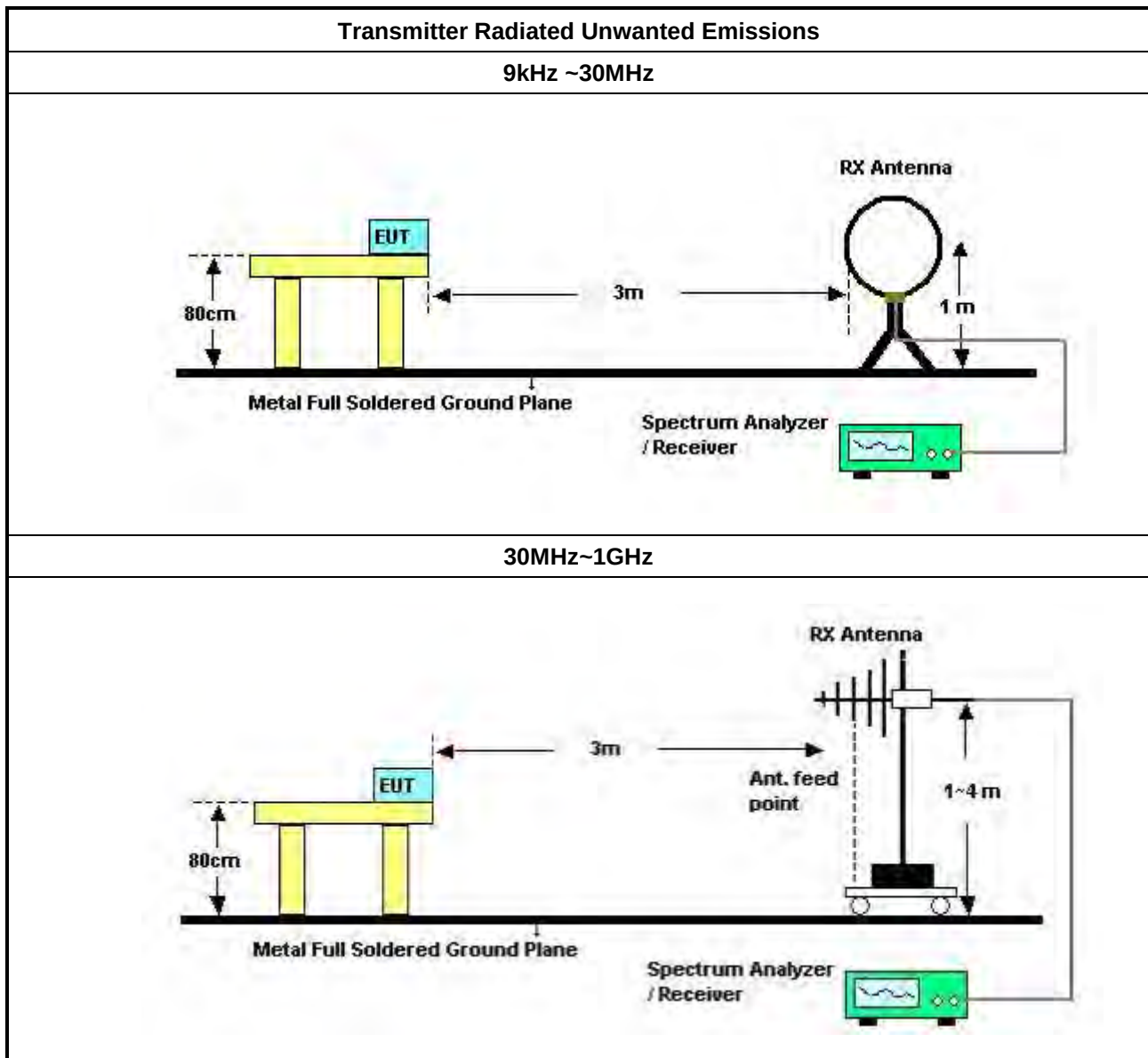
3.5.2 Measuring Instruments

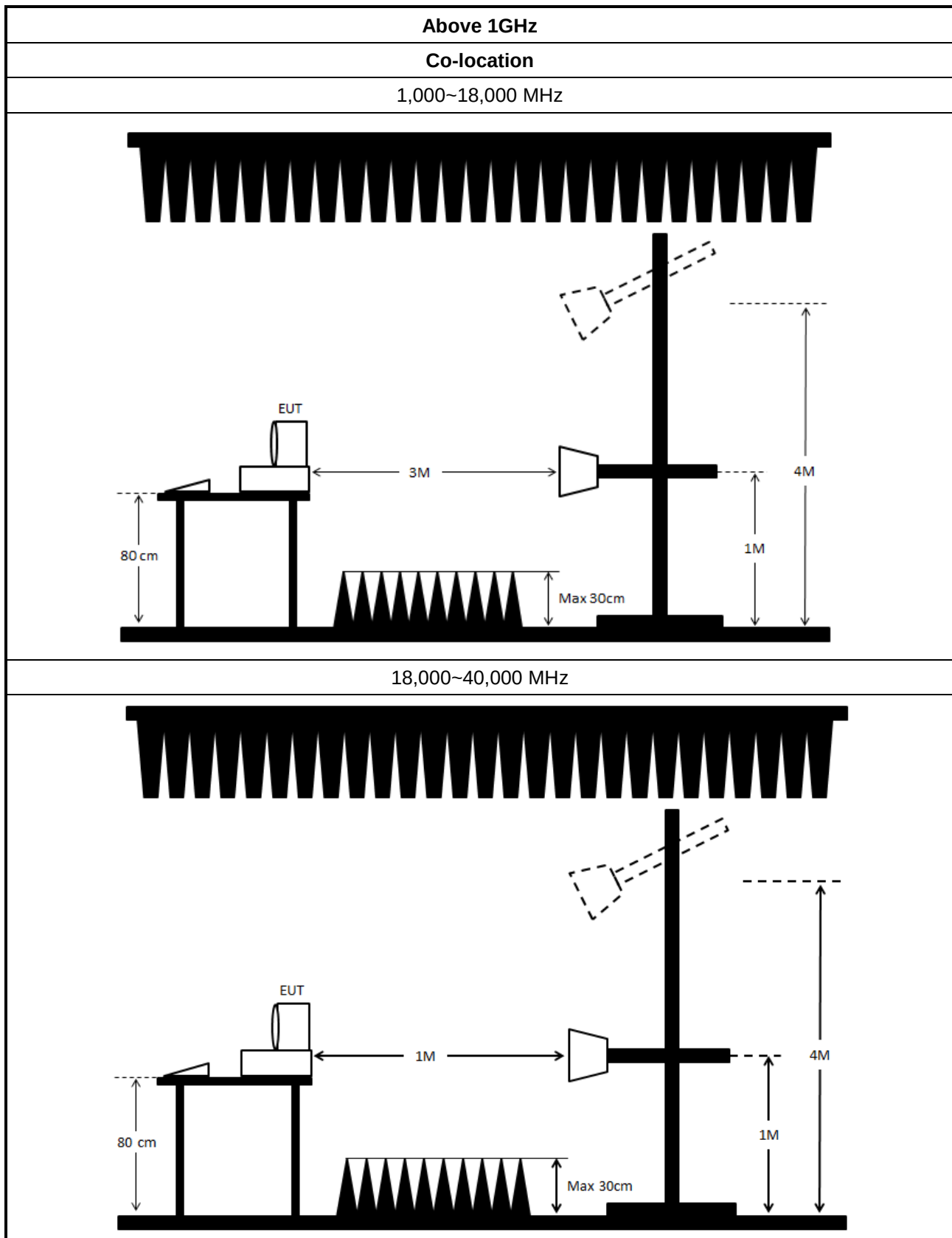
Refer a test equipment and calibration data table in this test report.

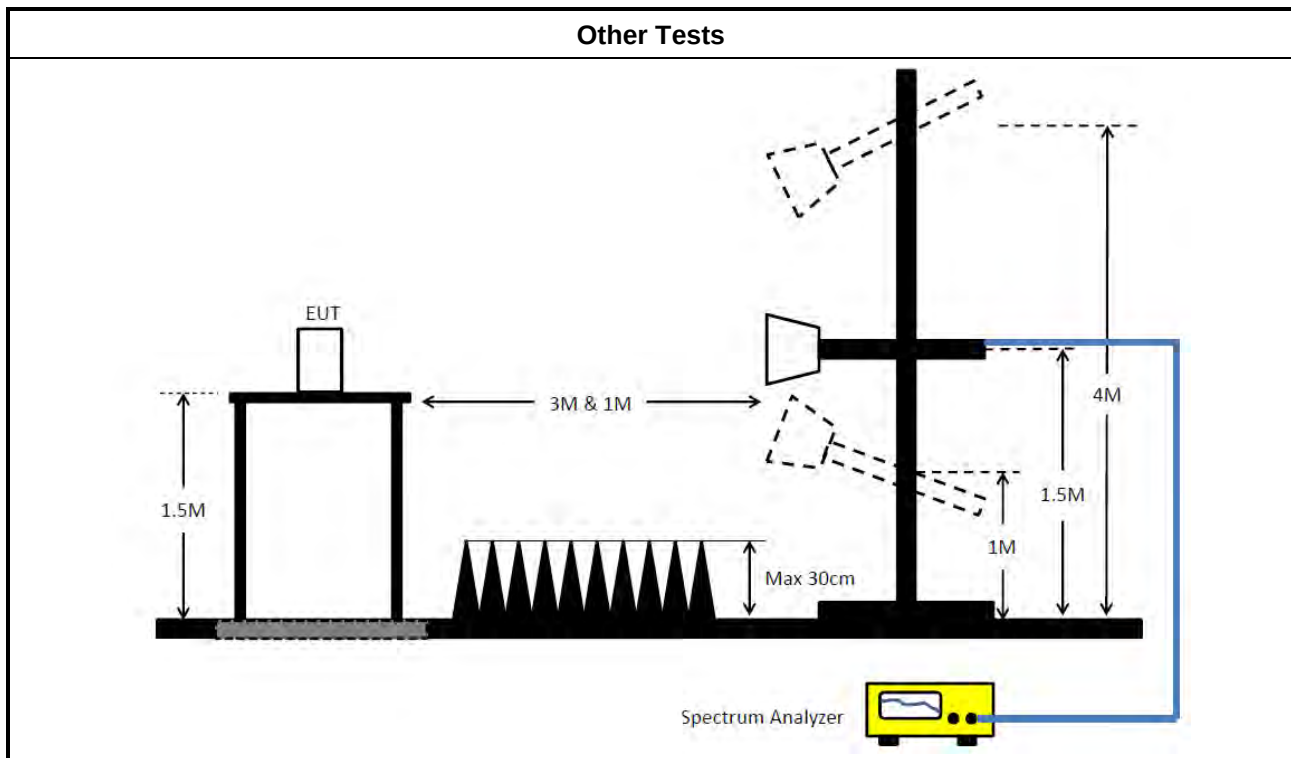
3.5.3 Test Procedures

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 (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Radiation (10CH01-CB)
Bilog Ant & 6dB Attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 08, 2026	Jan. 07, 2027	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 15, 2025	Oct. 14, 2026	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 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)
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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	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 VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 29, 2025	Aug. 28, 2026	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 29, 2025	Aug. 28, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	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.



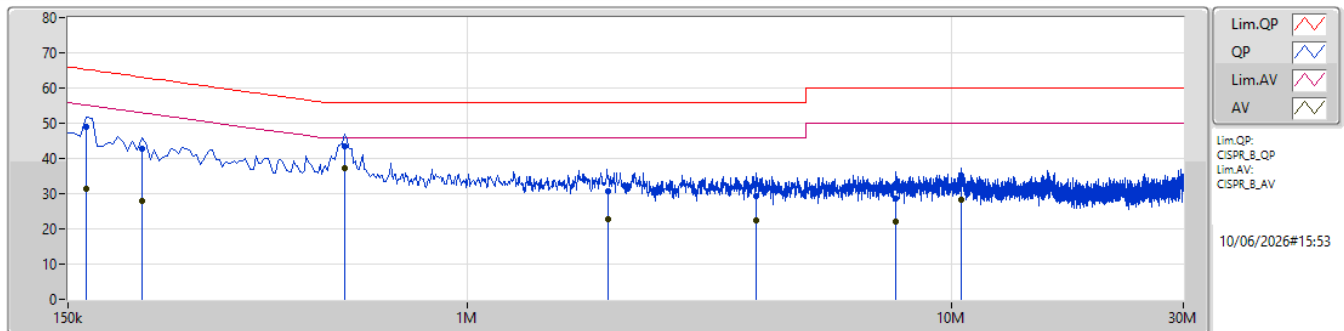
Conducted Emissions at Powerline

Appendix A

Summary

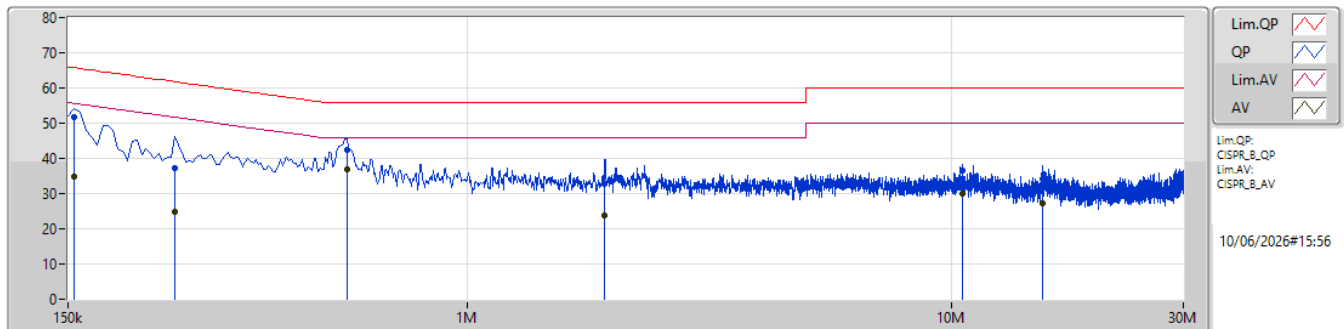
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	559.5k	37.31	46.00	-8.69	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	49.00	65.27	-16.27	10.01	Line	-	38.99	0.08	0.09	9.84						
AV	163.5k	31.26	55.27	-24.01	10.01	Line	-	21.25	0.08	0.09	9.84						
QP	213k	42.79	63.09	-20.30	9.92	Line	-	32.87	0.08	0.07	9.77						
AV	213k	28.08	53.09	-25.01	9.92	Line	-	18.16	0.08	0.07	9.77						
QP	559.5k	43.46	56.00	-12.54	10.12	Line	-	33.34	0.09	0.13	9.90						
AV	559.5k	37.31	46.00	-8.69	10.12	Line	"Worst"	27.19	0.09	0.13	9.90						
QP	1.946M	30.58	56.00	-25.42	10.01	Line	-	20.57	0.12	0.14	9.75						
AV	1.946M	22.82	46.00	-23.18	10.01	Line	-	12.81	0.12	0.14	9.75						
QP	3.953M	29.31	56.00	-26.69	10.05	Line	-	19.26	0.15	0.14	9.76						
AV	3.953M	22.53	46.00	-23.47	10.05	Line	-	12.48	0.15	0.14	9.76						
QP	7.661M	28.76	60.00	-31.24	10.45	Line	-	18.31	0.21	0.23	10.01						
AV	7.661M	22.18	50.00	-27.82	10.45	Line	-	11.73	0.21	0.23	10.01						
QP	10.437M	35.09	60.00	-24.91	10.66	Line	-	24.43	0.24	0.28	10.14						
AV	10.437M	28.22	50.00	-21.78	10.66	Line	-	17.56	0.24	0.28	10.14						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	51.58	65.75	-14.17	10.01	Neutral	-	41.57	0.06	0.09	9.86						
AV	154.5k	34.73	55.75	-21.02	10.01	Neutral	-	24.72	0.06	0.09	9.86						
QP	249k	37.18	61.79	-24.61	9.94	Neutral	-	27.24	0.06	0.08	9.80						
AV	249k	24.93	51.79	-26.86	9.94	Neutral	-	14.99	0.06	0.08	9.80						
QP	564k	42.49	56.00	-13.51	10.09	Neutral	-	32.40	0.06	0.13	9.90						
AV	564k	36.95	46.00	-9.05	10.09	Neutral	"Worst"	26.86	0.06	0.13	9.90						
QP	1.923M	32.64	56.00	-23.36	9.97	Neutral	-	22.67	0.08	0.14	9.75						
AV	1.923M	23.81	46.00	-22.19	9.97	Neutral	-	13.84	0.08	0.14	9.75						
QP	10.487M	36.40	60.00	-23.60	10.63	Neutral	-	25.77	0.21	0.28	10.14						
AV	10.487M	30.00	50.00	-20.00	10.63	Neutral	-	19.37	0.21	0.28	10.14						
QP	15.41M	34.05	60.00	-25.95	10.94	Neutral	-	23.11	0.23	0.36	10.35						
AV	15.41M	27.21	50.00	-22.79	10.94	Neutral	-	16.27	0.23	0.36	10.35						

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)_2TX	22.385M	16.993M	17M0D1D	21.505M	16.601M
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.105M	19M1D1D	21.34M	18.976M
802.11be EHT40_Nss1,(MCS0)_2TX	43.34M	38.147M	38M1D1D	40.7M	37.801M
802.11be EHT80_Nss1,(MCS0)_2TX	86.46M	77.771M	77M8D1D	83.38M	77.202M
802.11be EHT160_Nss1,(MCS0)_2TX	80.4M	77.597M	77M6D1D	80.08M	77.422M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.22M	16.784M	16M8D1D	21.12M	16.614M
802.11be EHT20_Nss1,(MCS0)_2TX	22.275M	19.071M	19M1D1D	20.79M	18.999M
802.11be EHT40_Nss1,(MCS0)_2TX	42.46M	37.968M	38M0D1D	40.92M	37.81M
802.11be EHT80_Nss1,(MCS0)_2TX	89.76M	77.73M	77M7D1D	80.74M	77.425M
802.11be EHT160_Nss1,(MCS0)_2TX	81.12M	77.665M	77M7D1D	80.16M	77.325M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.945M	16.871M	16M9D1D	15.885M	13.296M
802.11be EHT20_Nss1,(MCS0)_2TX	22.55M	19.365M	19M4D1D	15.78M	14.451M
802.11be EHT40_Nss1,(MCS0)_2TX	42.79M	38.538M	38M5D1D	34.545M	33.729M
802.11be EHT80_Nss1,(MCS0)_2TX	84.48M	77.952M	78M0D1D	76.5M	73.429M
802.11be EHT160_Nss1,(MCS0)_2TX	164.56M	156.237M	156MD1D	161.92M	156.071M
EHT240_240MHz_Nss1,(MCS0)_2TX	236.175M	232.299M	232MD1D	235M	231.829M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.555M	17.212M	17M2D1D	3.24M	4.275M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.147M	19M1D1D	4.54M	4.561M
802.11be EHT40_Nss1,(MCS0)_2TX	38.28M	37.981M	38M0D1D	4.08M	4.234M
802.11be EHT80_Nss1,(MCS0)_2TX	78.32M	77.684M	77M7D1D	4.08M	5.601M
EHT240_240MHz_Nss1,(MCS0)_2TX	4.18M	37.561M	37M6D1D	4.06M	37.121M

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)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.505M	16.601M	22.11M	16.764M
5200MHz	Pass	Inf	21.945M	16.666M	22.385M	16.716M
5240MHz	Pass	Inf	22.165M	16.993M	21.56M	16.661M
5260MHz	Pass	Inf	21.45M	16.784M	21.23M	16.67M
5300MHz	Pass	Inf	21.56M	16.677M	21.12M	16.614M
5320MHz	Pass	Inf	21.89M	16.67M	22.22M	16.765M
5500MHz	Pass	Inf	21.78M	16.686M	21.945M	16.719M
5580MHz	Pass	Inf	21.615M	16.802M	21.34M	16.871M
5700MHz	Pass	Inf	21.45M	16.671M	21.89M	16.692M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	13.299M	15.915M	13.296M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.275M	3.24M	4.409M
5745MHz	Pass	500k	16.445M	16.814M	16.555M	16.687M
5785MHz	Pass	500k	16.5M	16.761M	16.5M	16.724M
5825MHz	Pass	500k	16.555M	16.993M	16.445M	17.212M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.34M	18.976M	22.055M	19.105M
5200MHz	Pass	Inf	21.615M	18.987M	22M	19.029M
5240MHz	Pass	Inf	22.33M	19.086M	21.945M	18.981M
5260MHz	Pass	Inf	21.45M	19.071M	21.725M	19.047M
5300MHz	Pass	Inf	21.23M	18.999M	22.275M	19.025M
5320MHz	Pass	Inf	21.395M	19.002M	20.79M	19.015M
5500MHz	Pass	Inf	21.67M	19.017M	21.615M	19.12M
5580MHz	Pass	Inf	21.835M	18.938M	22M	19.365M
5700MHz	Pass	Inf	22.165M	18.988M	22.55M	18.968M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	14.451M	16.26M	14.512M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.574M	4.56M	4.561M
5745MHz	Pass	500k	19.14M	19.024M	19.14M	18.977M
5785MHz	Pass	500k	19.085M	19.047M	19.085M	19.032M
5825MHz	Pass	500k	19.14M	19.14M	19.085M	19.147M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.7M	37.801M	41.36M	38.147M
5230MHz	Pass	Inf	43.34M	37.972M	42.9M	37.92M
5270MHz	Pass	Inf	41.69M	37.81M	42.24M	37.901M
5310MHz	Pass	Inf	42.46M	37.851M	40.92M	37.968M
5510MHz	Pass	Inf	41.36M	38.11M	41.58M	38.02M
5550MHz	Pass	Inf	41.14M	38.538M	42.79M	38.087M
5670MHz	Pass	Inf	41.8M	37.858M	41.47M	37.996M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.545M	33.729M	36.26M	33.862M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.553M	4.08M	4.234M
5755MHz	Pass	500k	38.17M	37.847M	38.17M	37.906M
5795MHz	Pass	500k	38.17M	37.929M	38.28M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.46M	77.771M	83.38M	77.202M
5290MHz	Pass	Inf	89.76M	77.73M	80.74M	77.425M
5530MHz	Pass	Inf	82.5M	77.612M	80.52M	77.808M
5610MHz	Pass	Inf	81.62M	77.952M	84.48M	77.604M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.95M	73.429M	76.5M	73.486M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	6.025M	4.08M	5.601M
5775MHz	Pass	500k	78.32M	77.566M	78.32M	77.684M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.08M	77.597M	80.4M	77.422M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.16M	77.325M	81.12M	77.665M
5570MHz	Pass	Inf	164.56M	156.071M	161.92M	156.237M
EHT240_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-



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)
5610MHz Straddle 5.47-5.725GHz	Pass	Inf	236.175M	232.299M	235M	231.829M
5610MHz Straddle 5.725-5.85GHz	Pass	500k	4.18M	37.561M	4.06M	37.121M

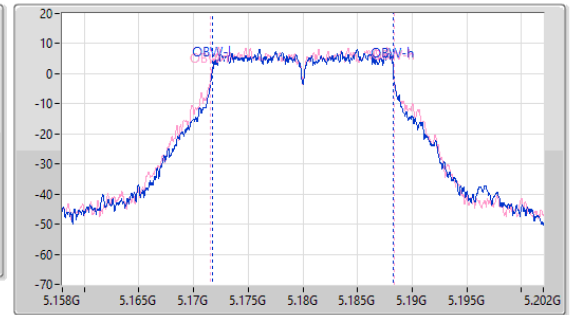
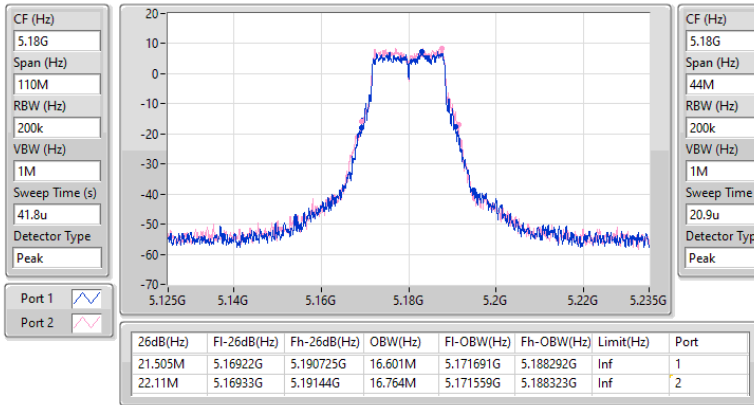
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

03/11/2025

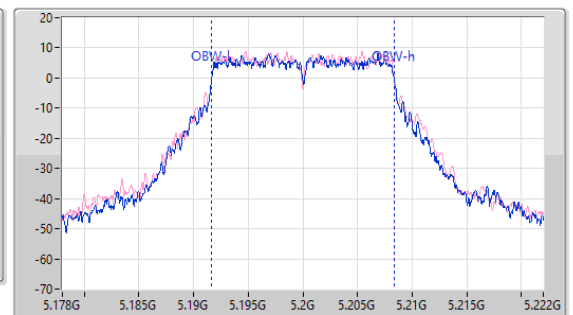
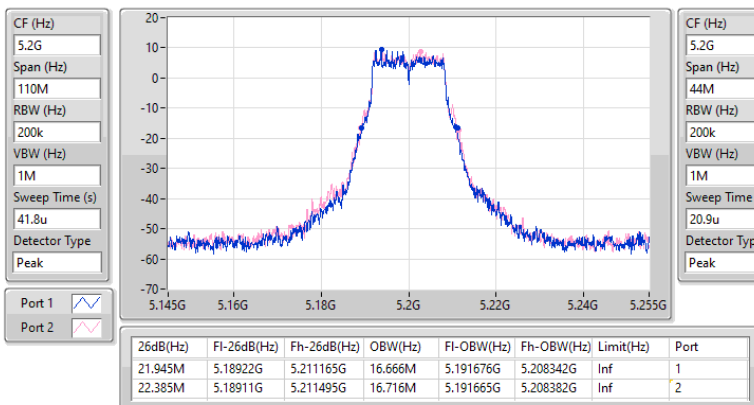


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

03/11/2025

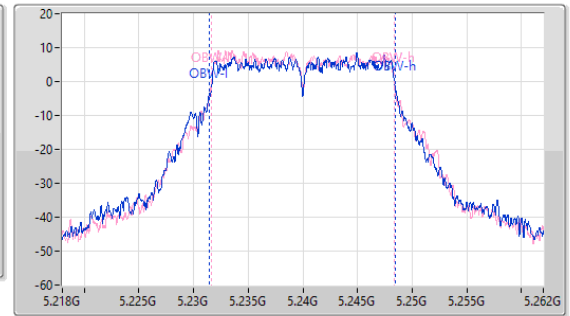
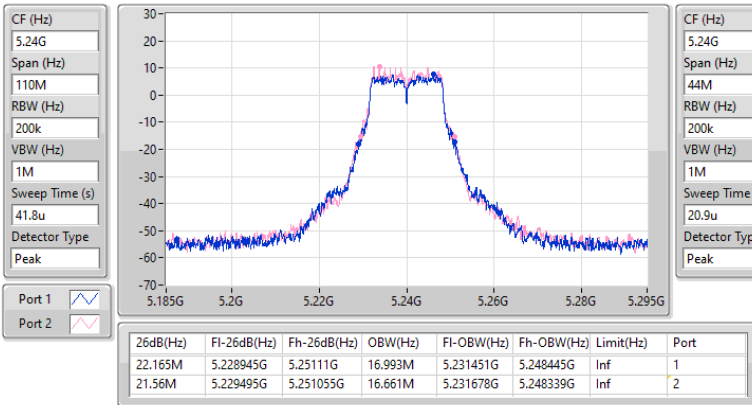


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

03/11/2025

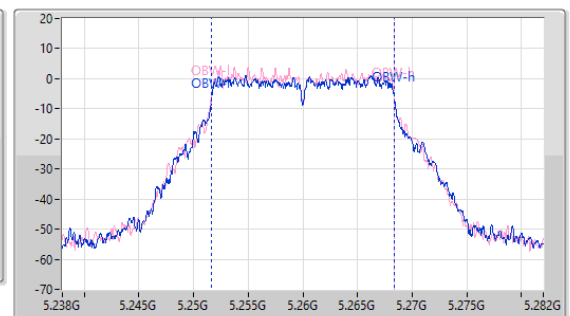
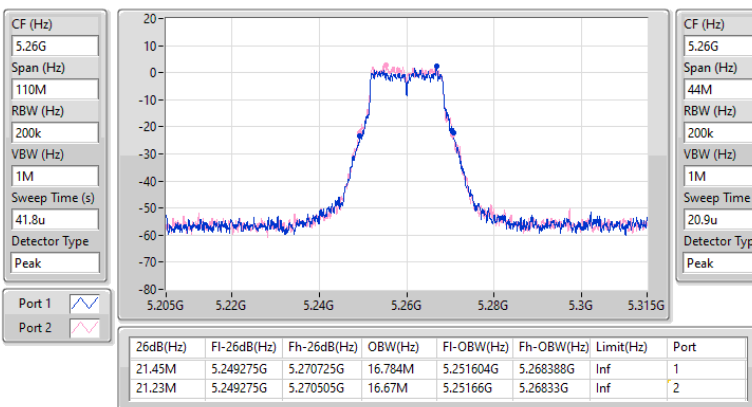


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

03/11/2025

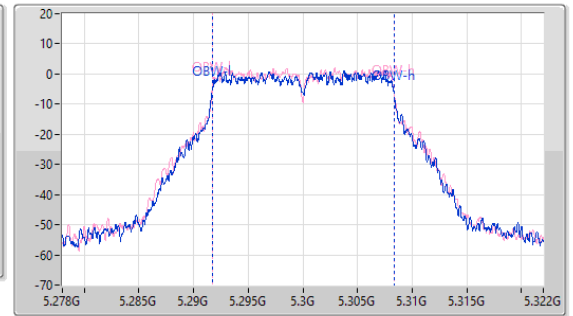
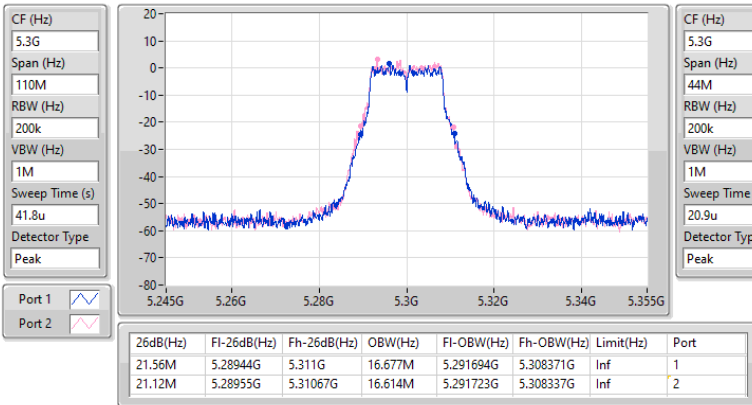


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

03/11/2025

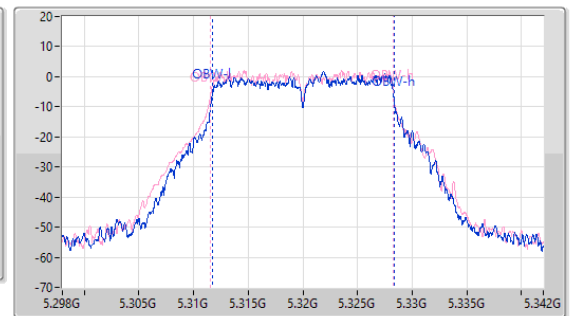
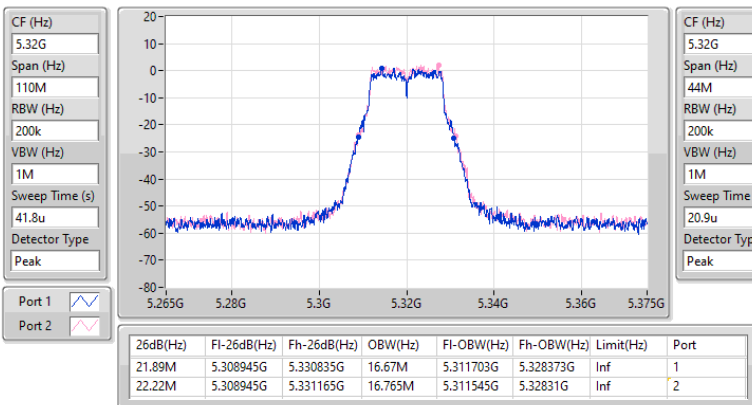


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

03/11/2025

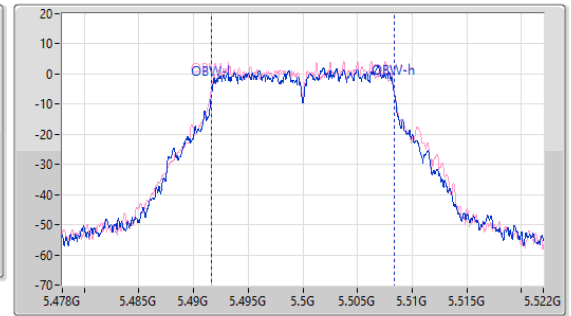
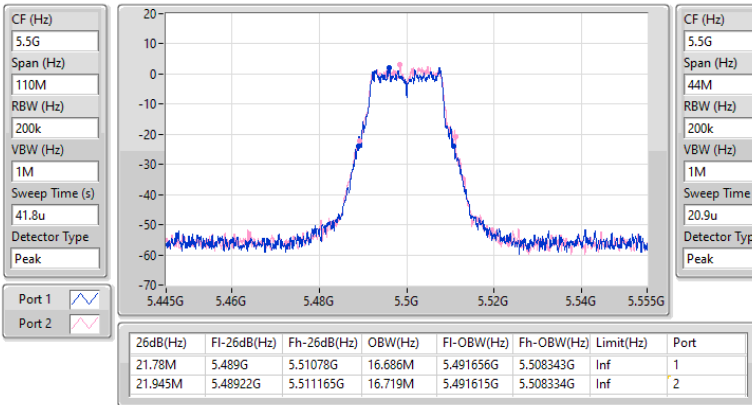


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

03/11/2025

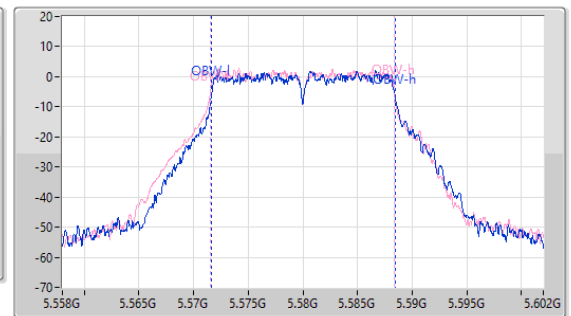
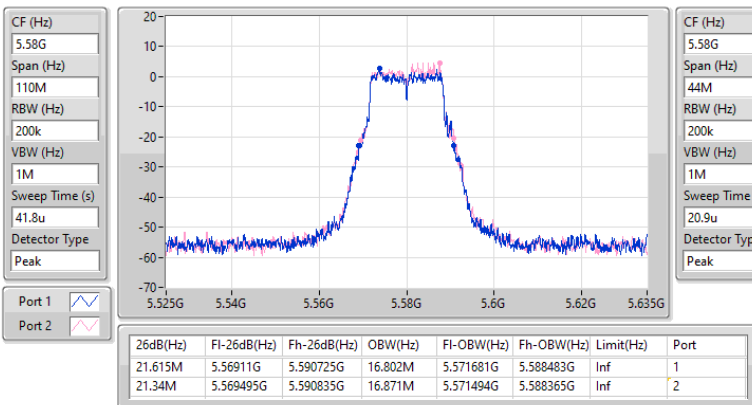


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

03/11/2025

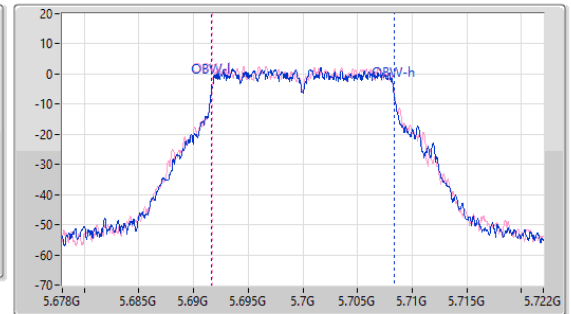
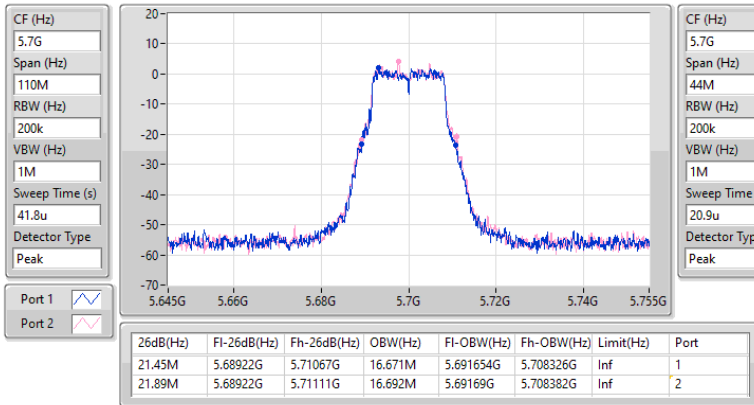


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

03/11/2025

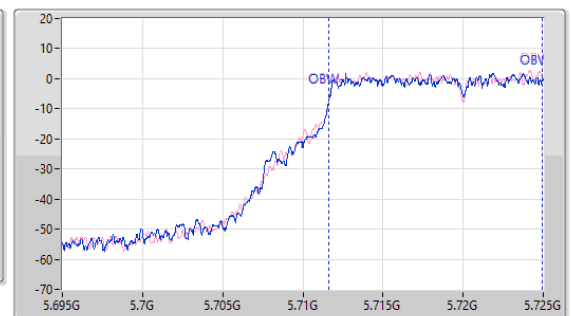
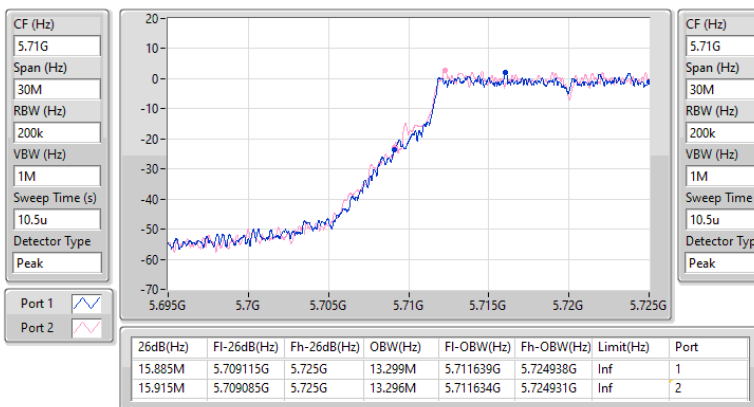


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/11/2025

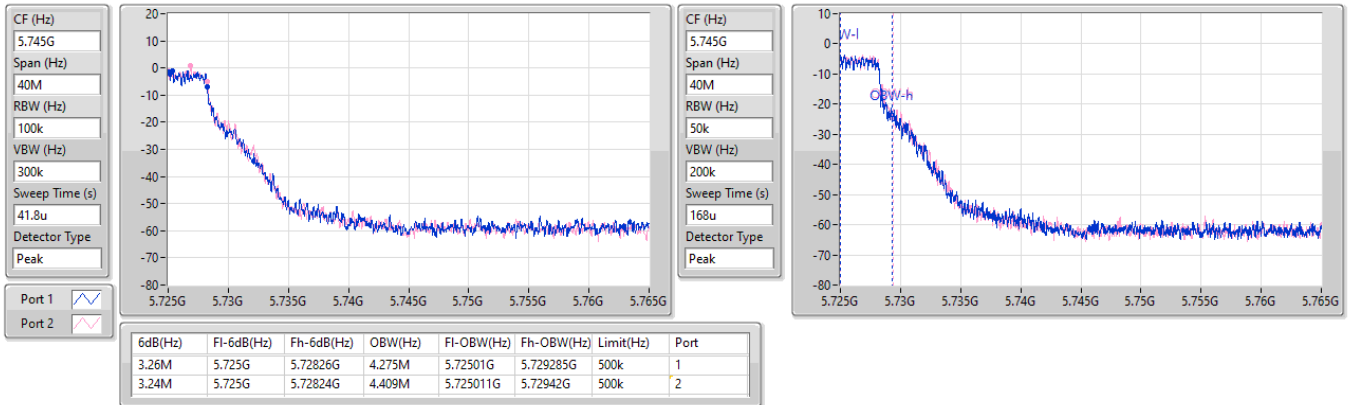


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

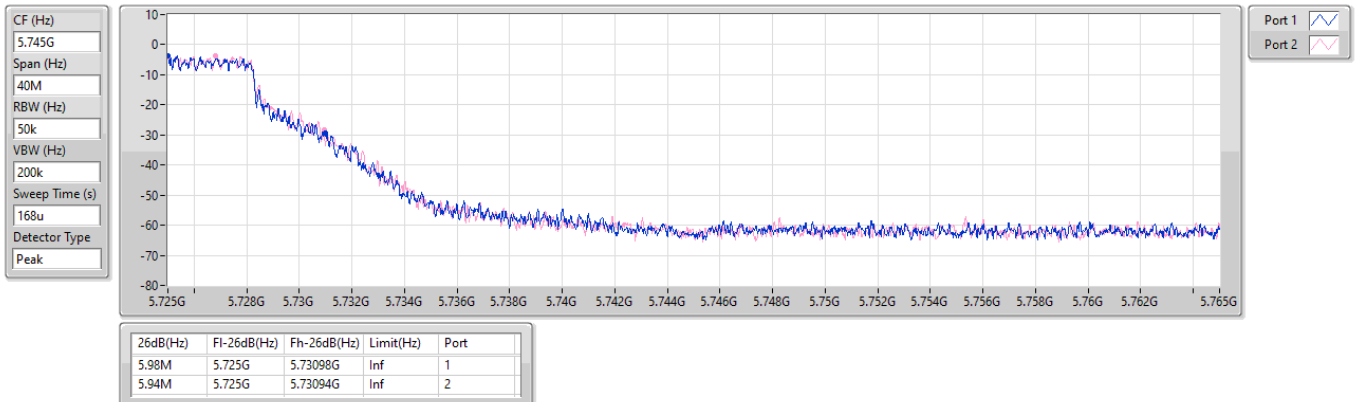


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

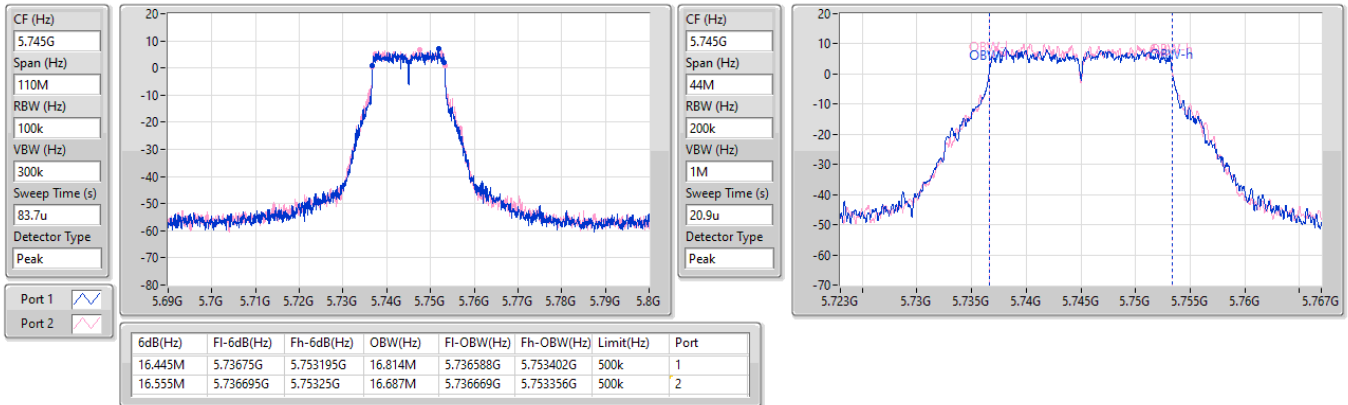


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

03/11/2025

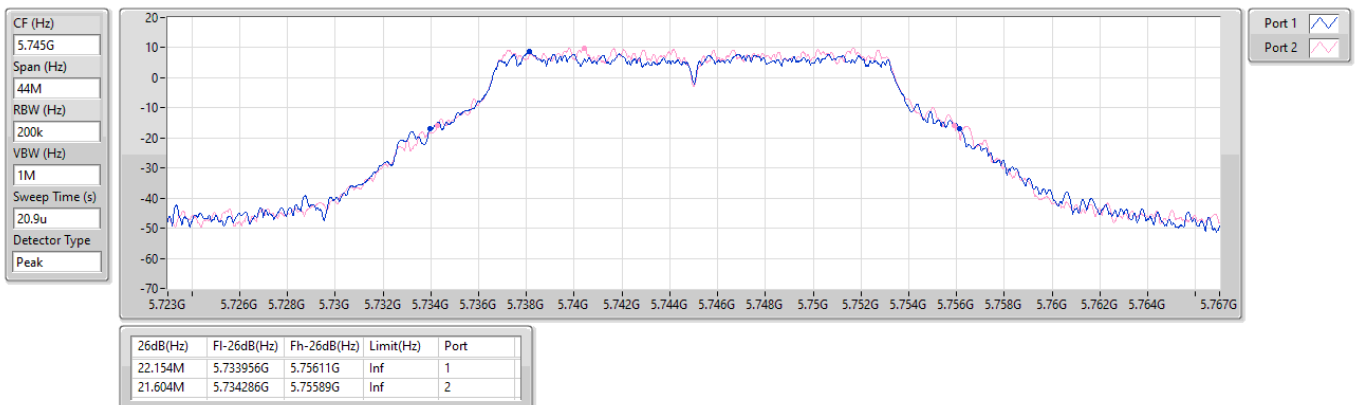


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

03/11/2025

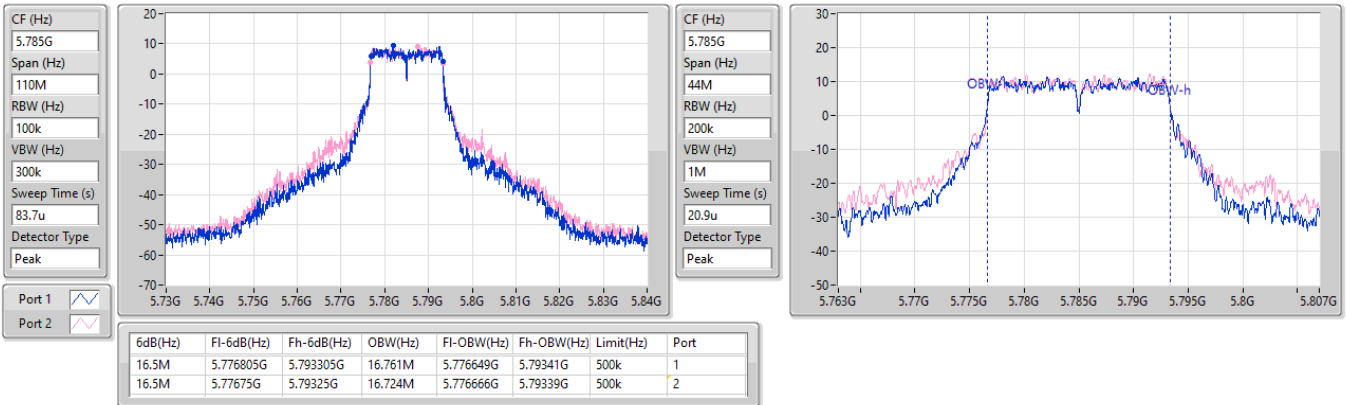


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

03/11/2025

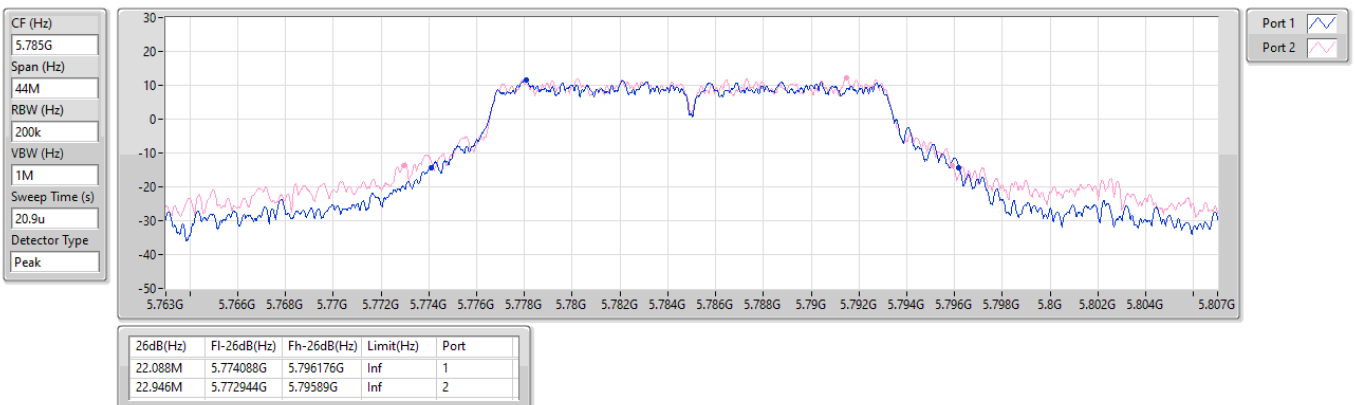


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

03/11/2025

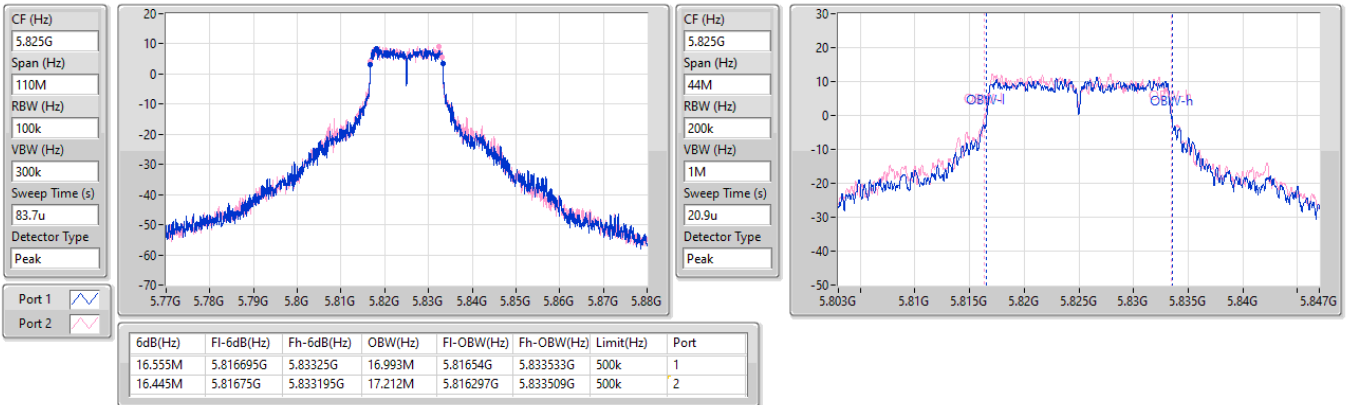


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

03/11/2025

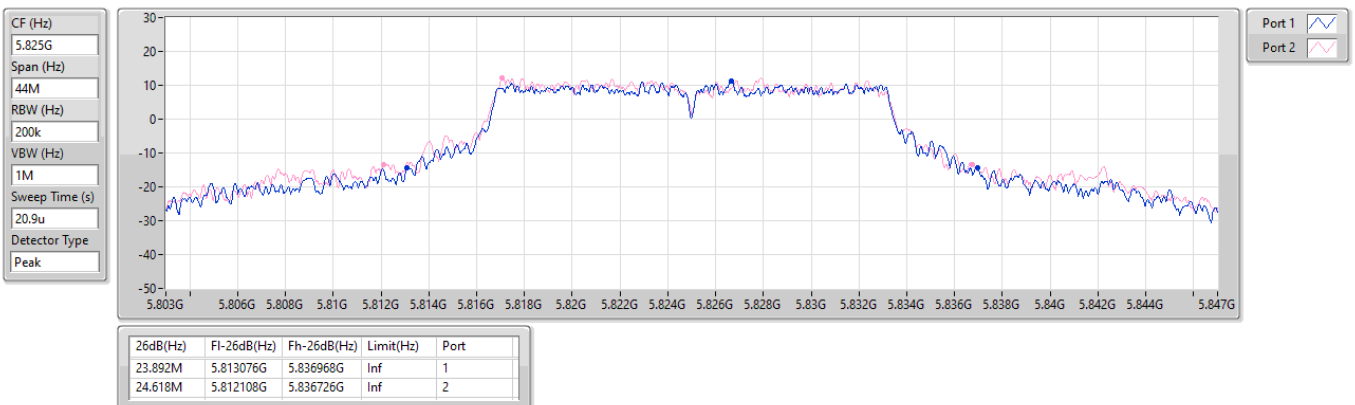


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

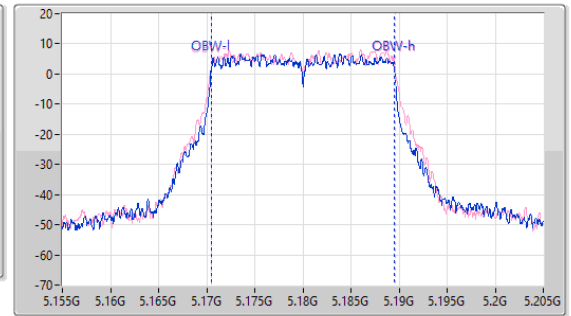
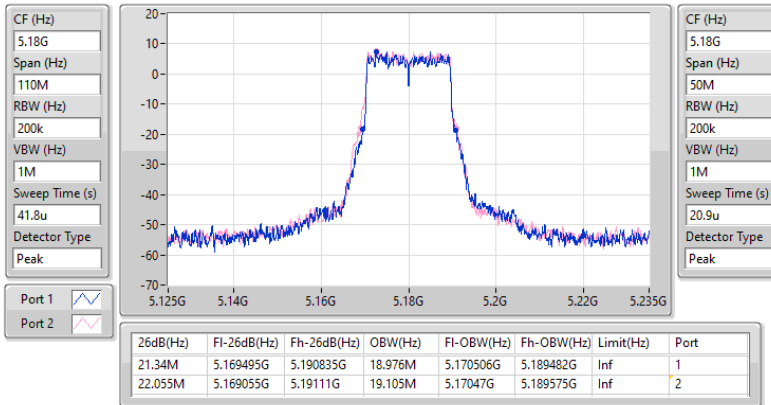
5825MHz

03/11/2025

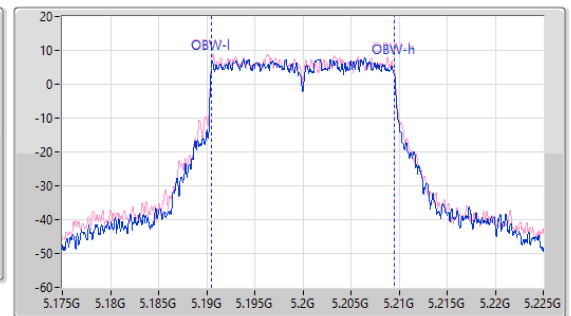
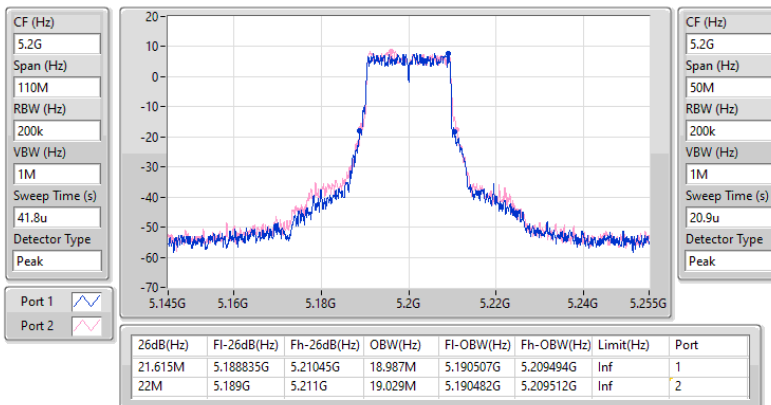


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EBW
5180MHz

03/11/2025

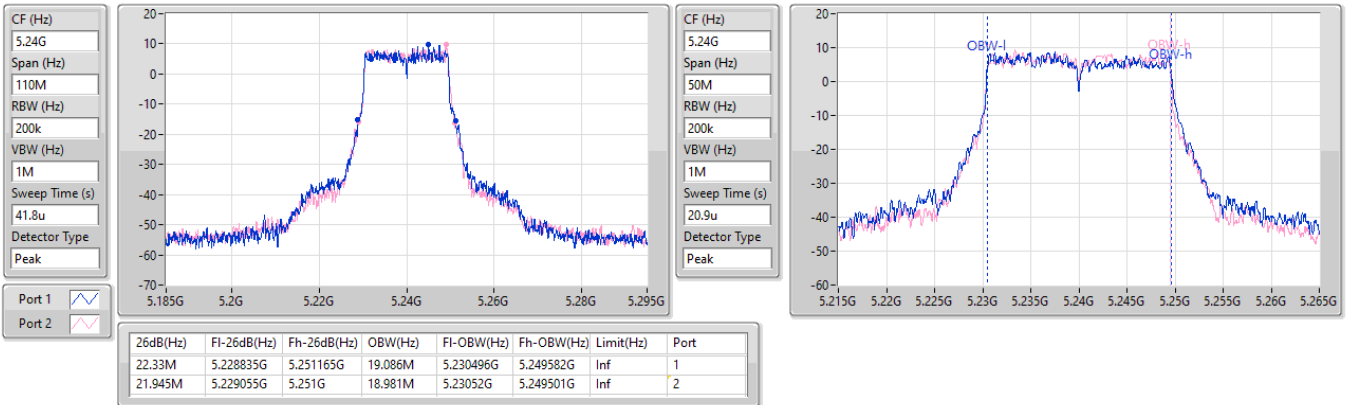

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EBW
5200MHz

03/11/2025

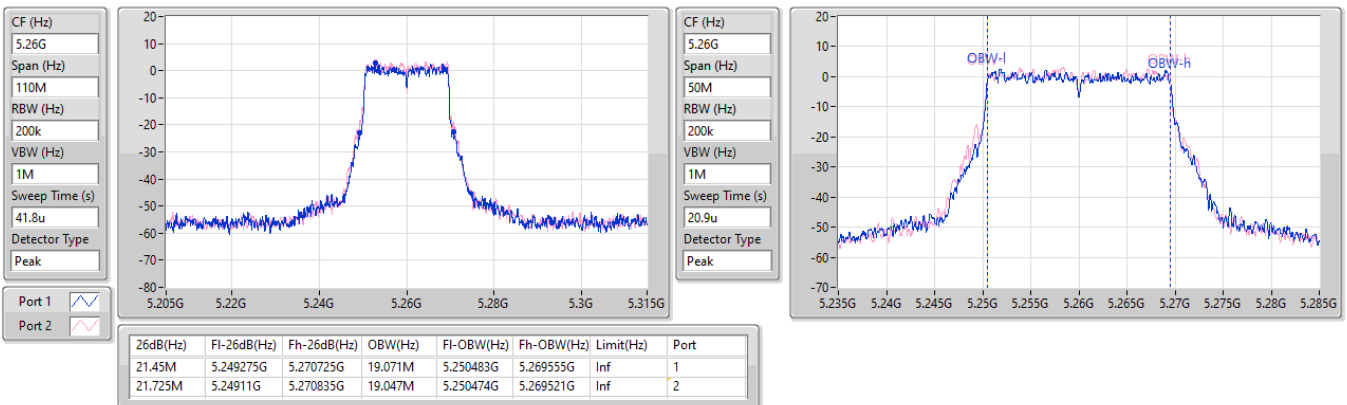


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5240MHz

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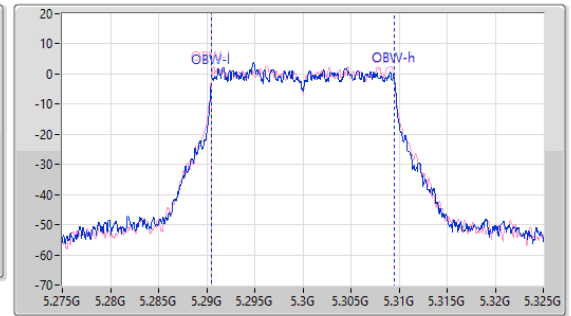
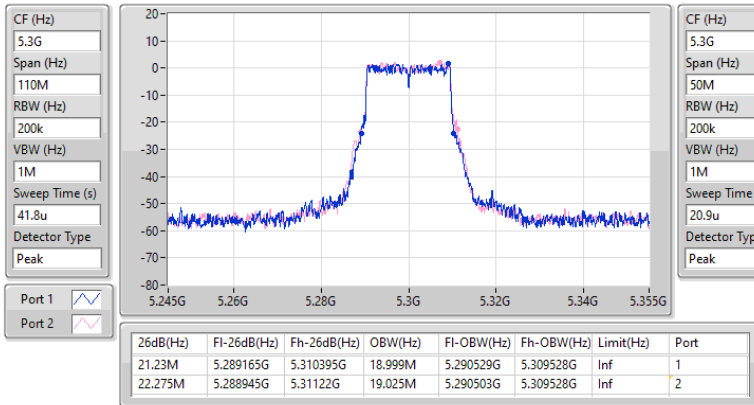

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5260MHz

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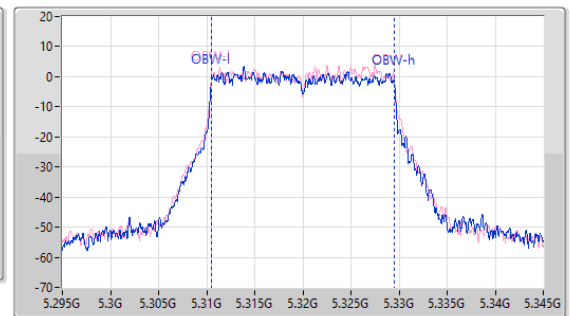
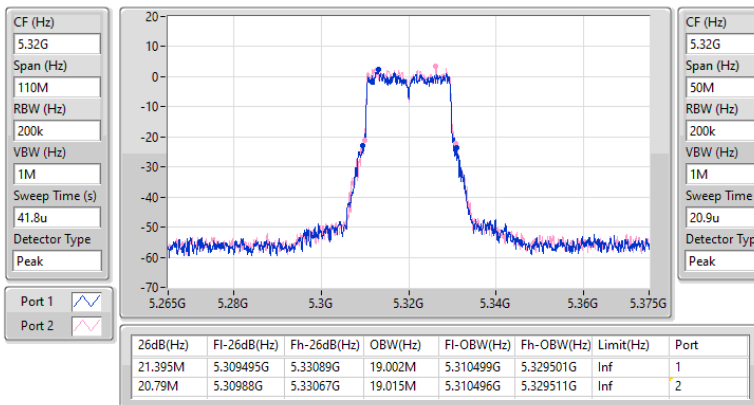


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

03/11/2025

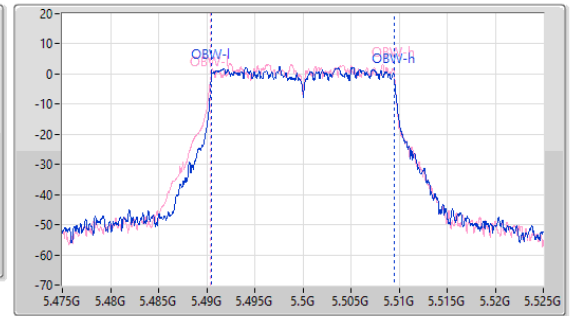
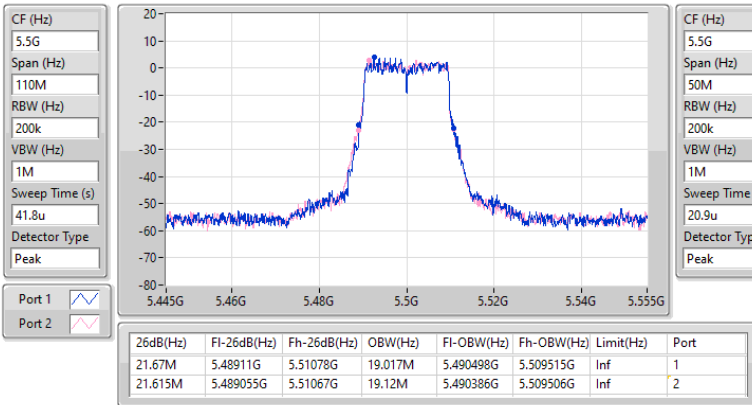

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

03/11/2025

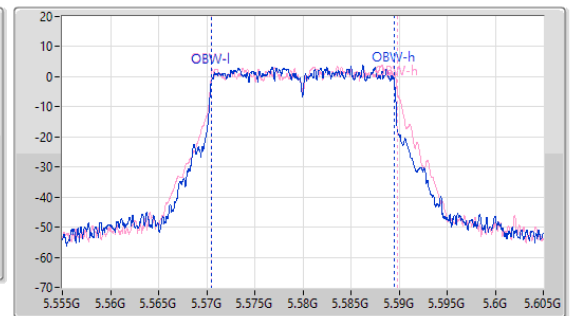
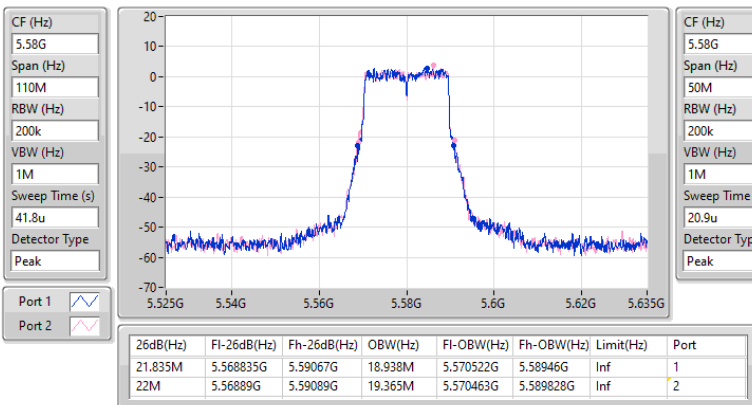


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

03/11/2025


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

03/11/2025

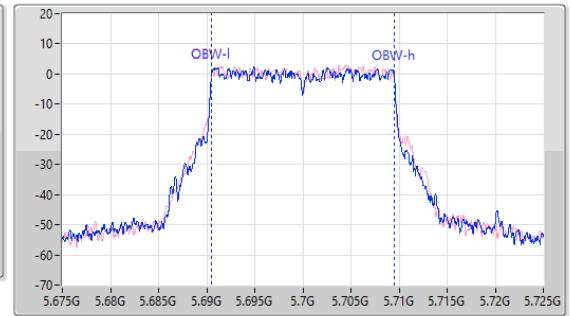
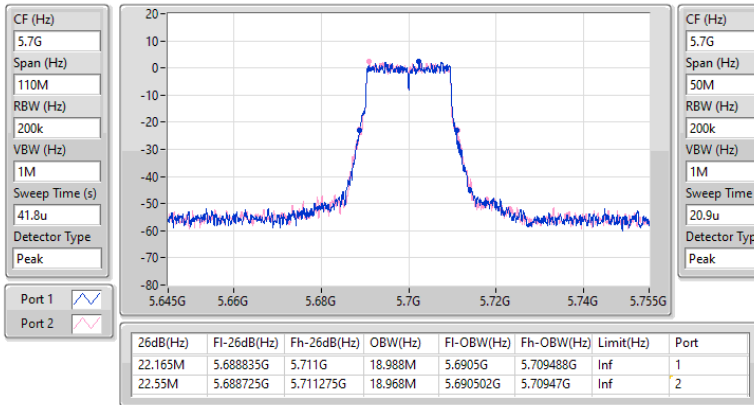


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

03/11/2025

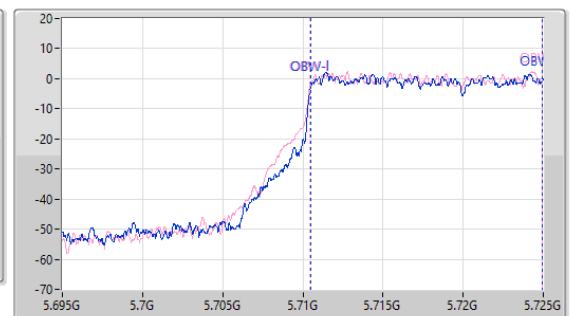
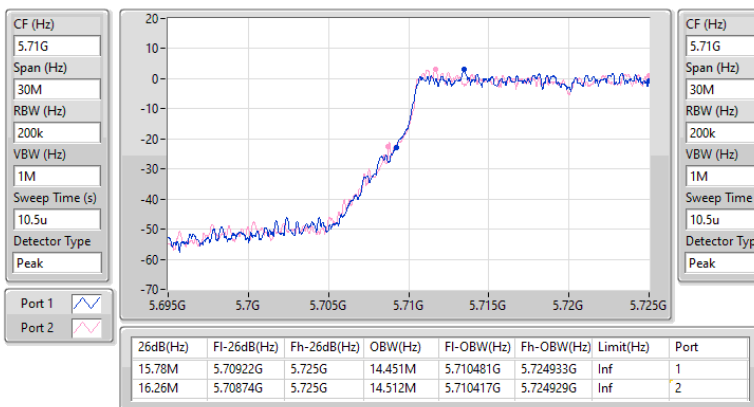


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/11/2025

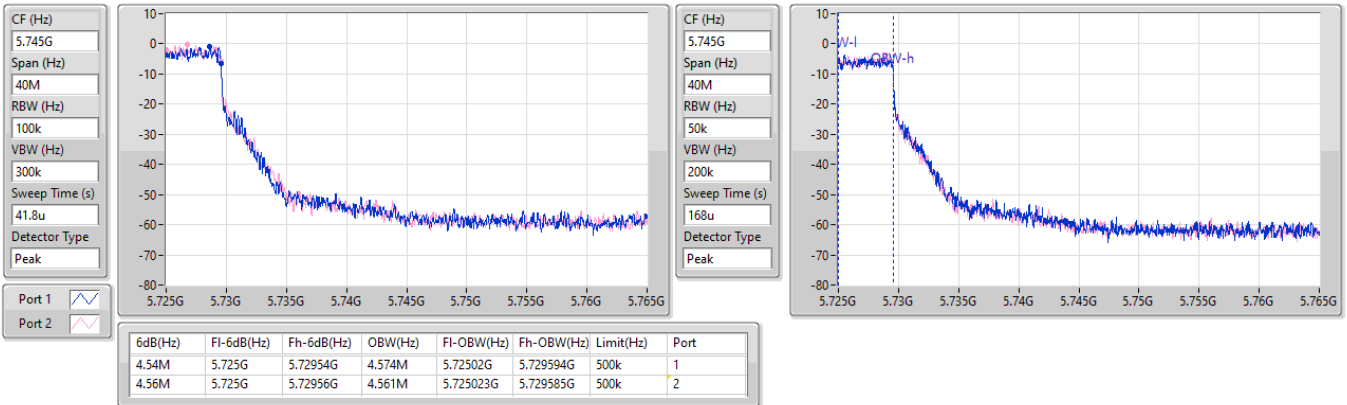


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

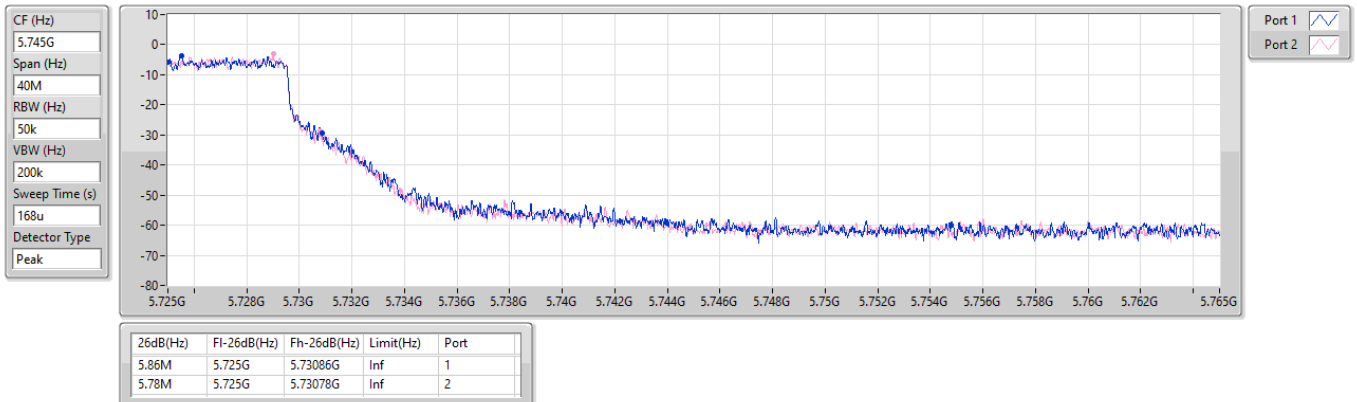


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

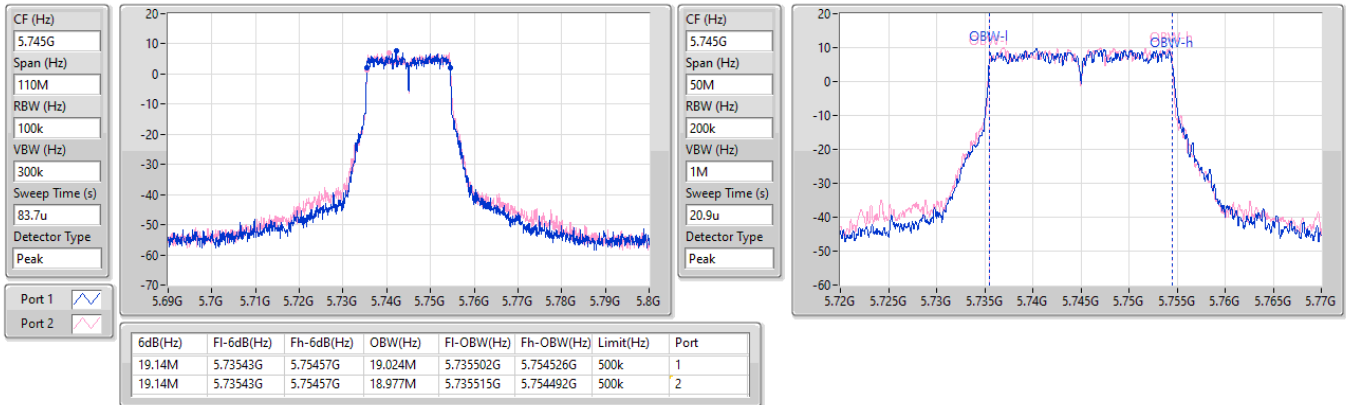


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

03/11/2025

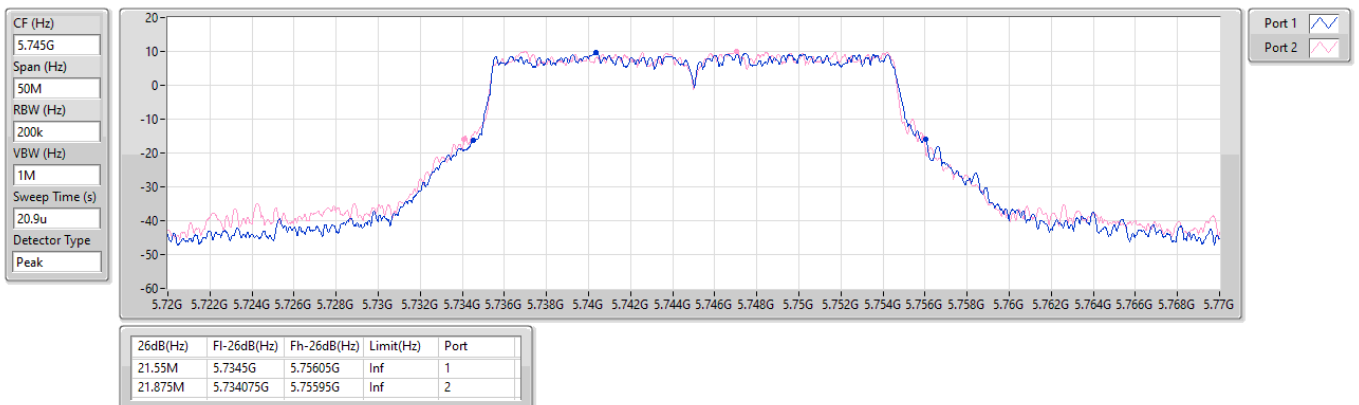


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

03/11/2025

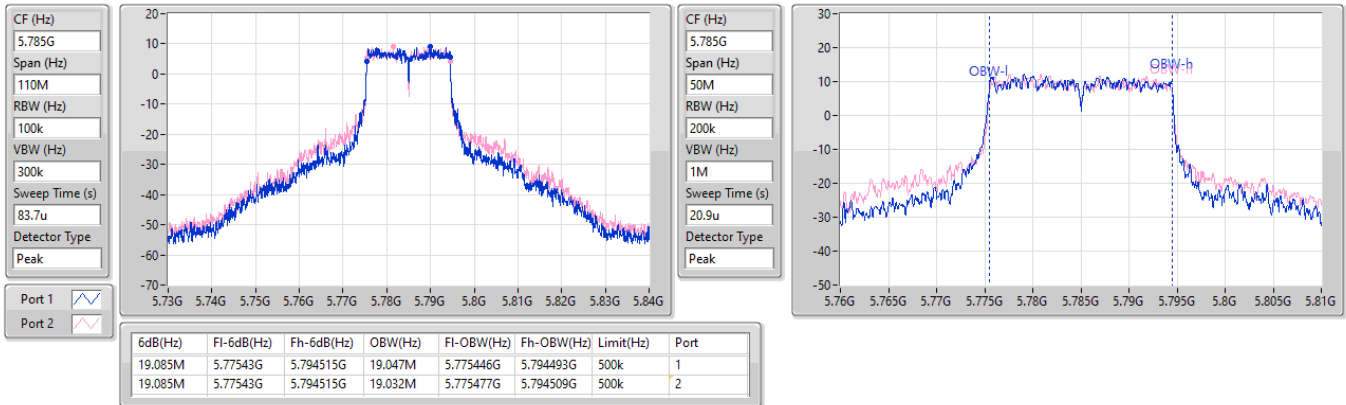


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

03/11/2025

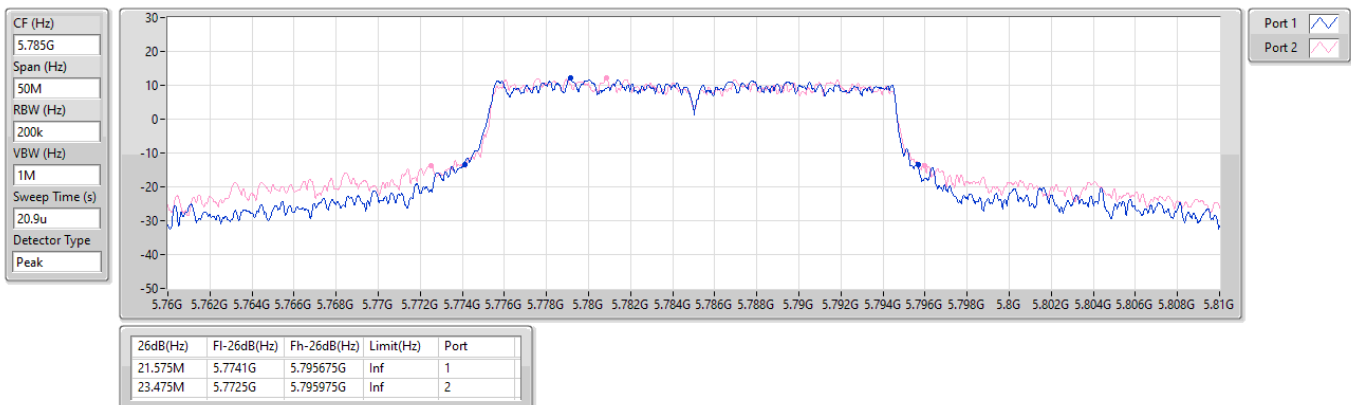


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

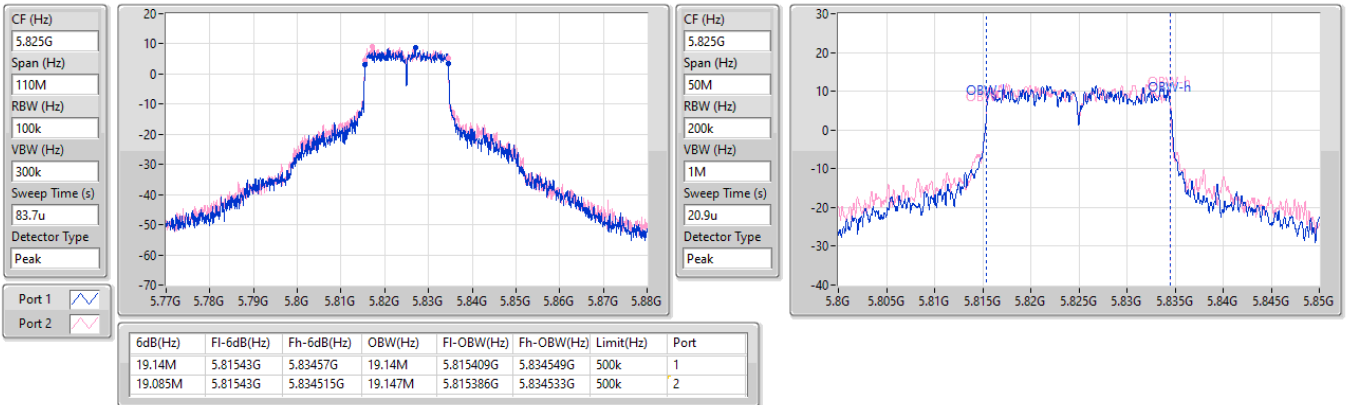
5785MHz

03/11/2025

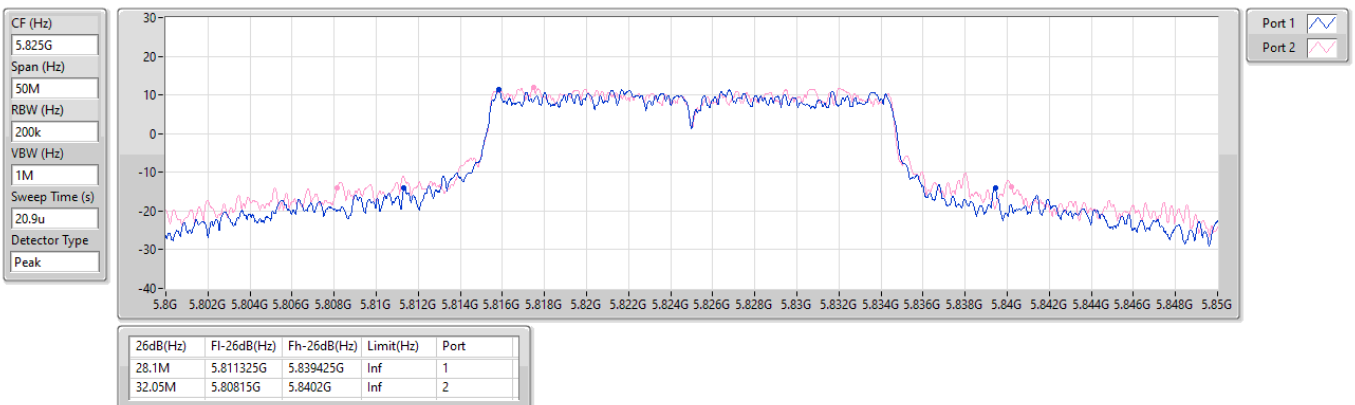


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

03/11/2025


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

03/11/2025

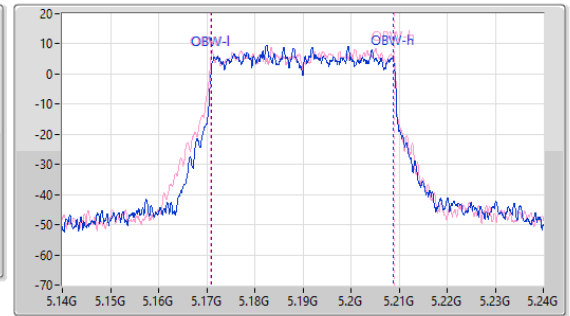
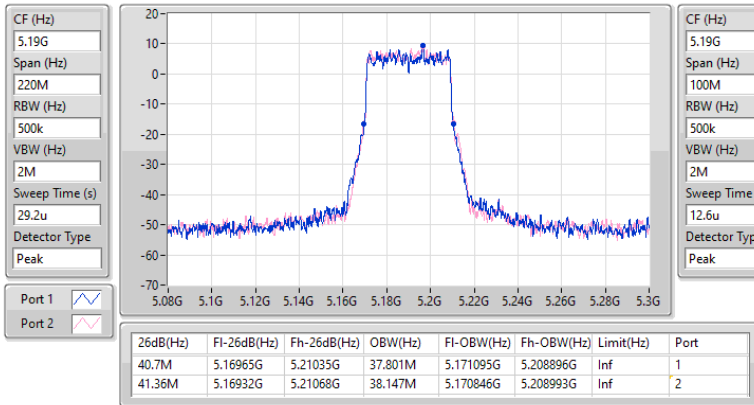


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

03/11/2025

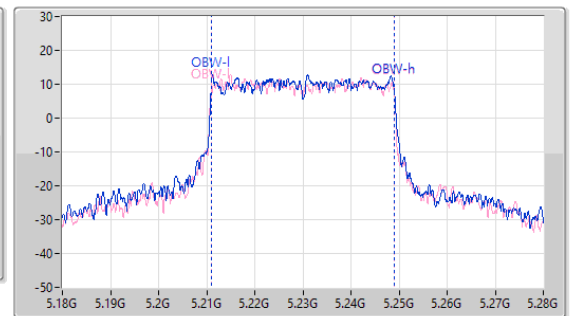
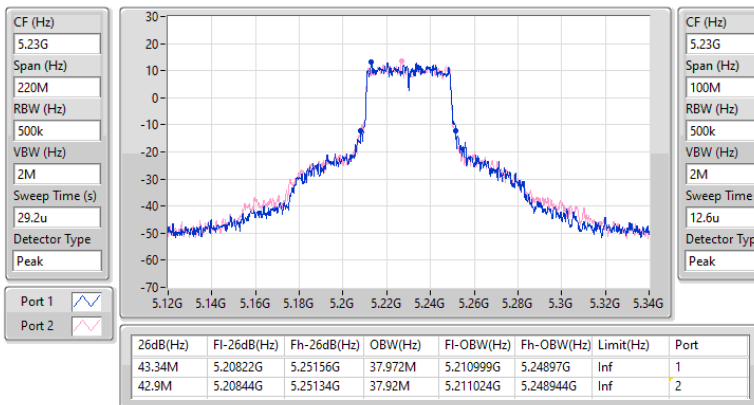


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

03/11/2025

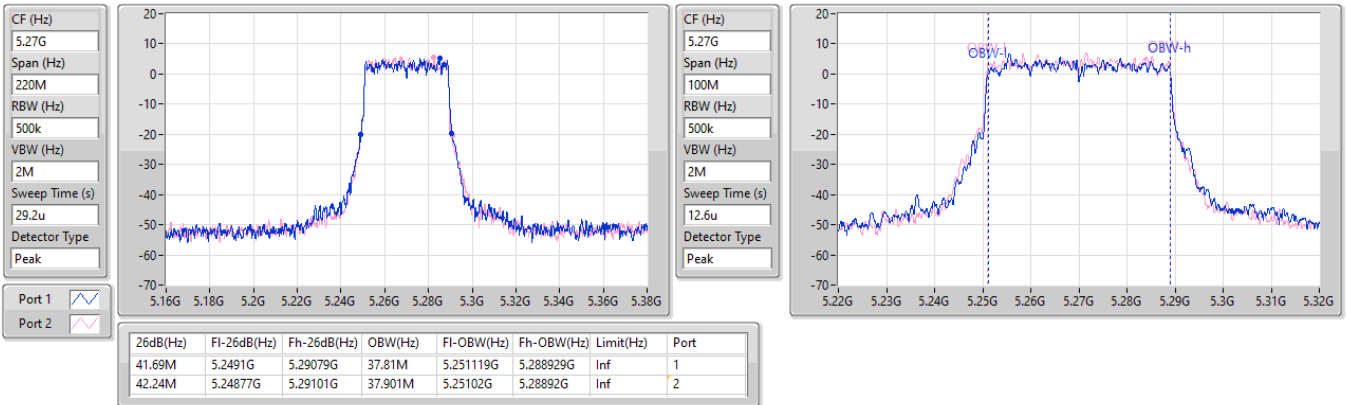


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

03/11/2025

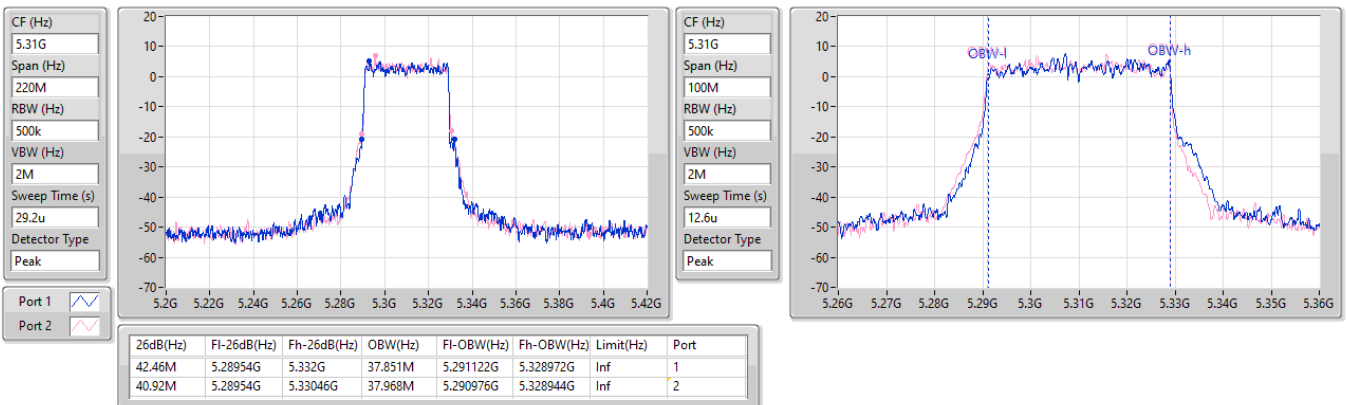


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

03/11/2025

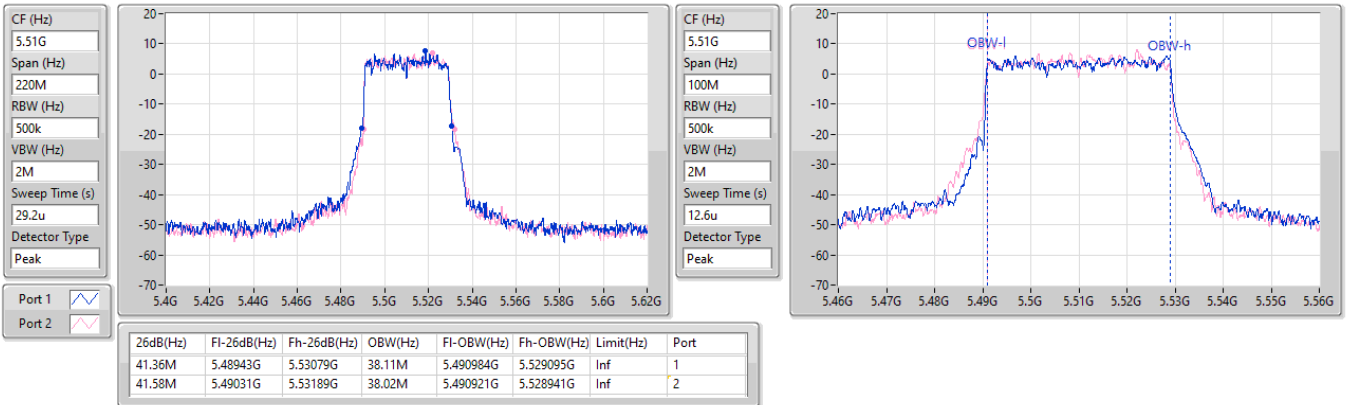


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

03/11/2025

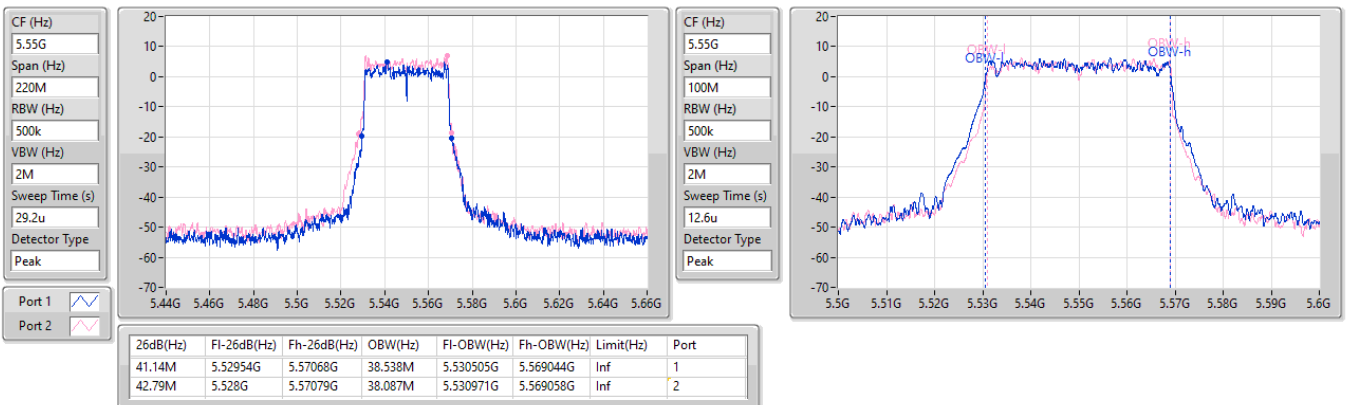


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

03/11/2025

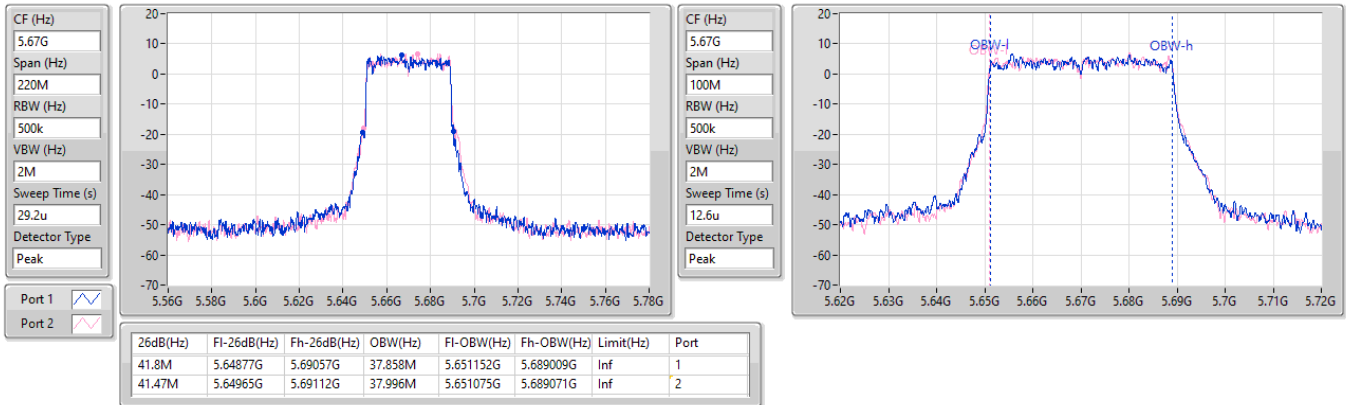


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

03/11/2025

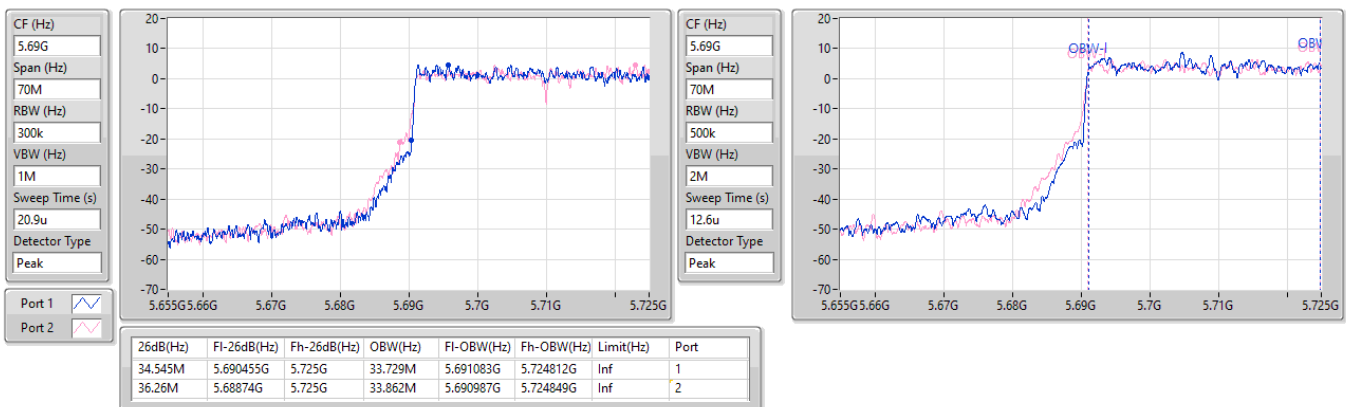


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

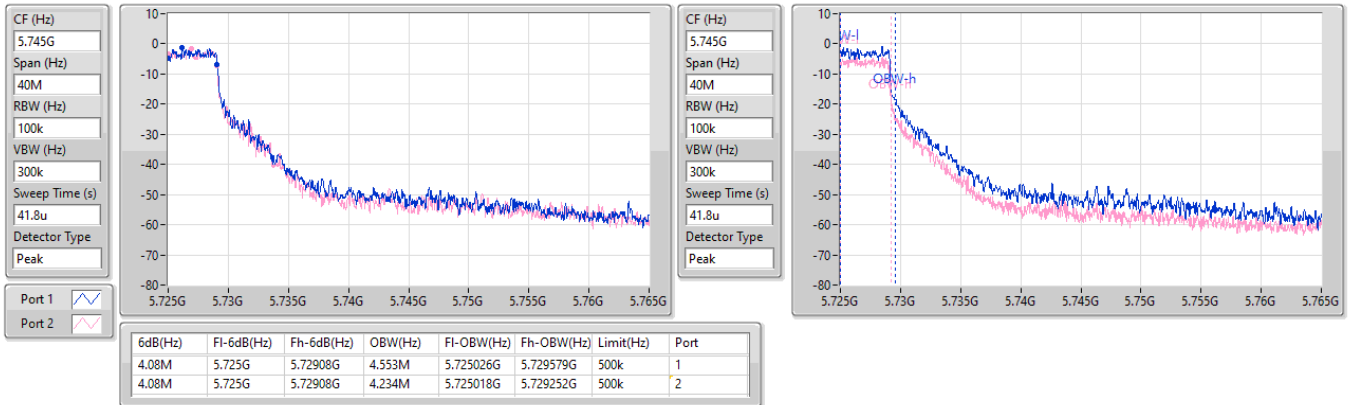
5710MHz Straddle 5.47-5.725GHz

03/11/2025

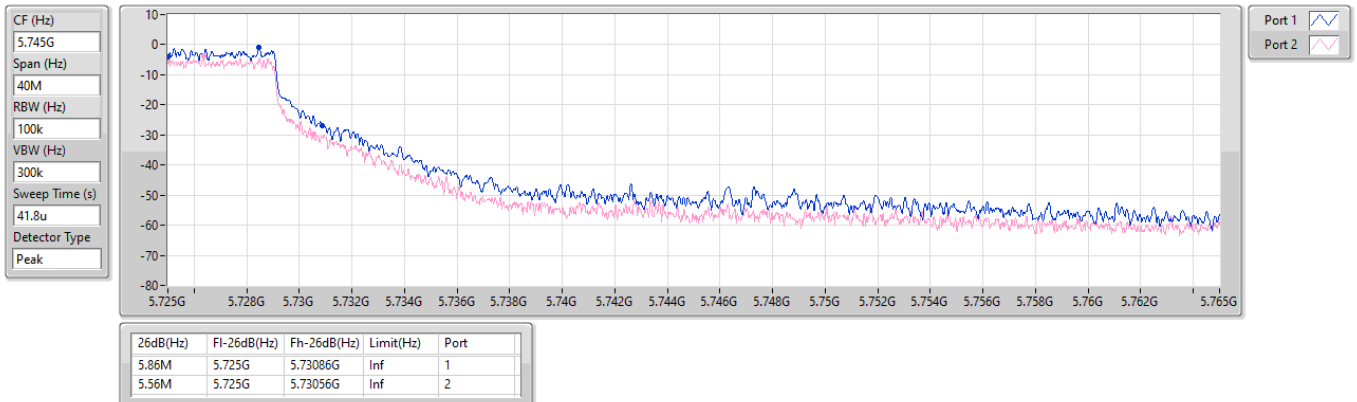


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

03/11/2025


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

03/11/2025

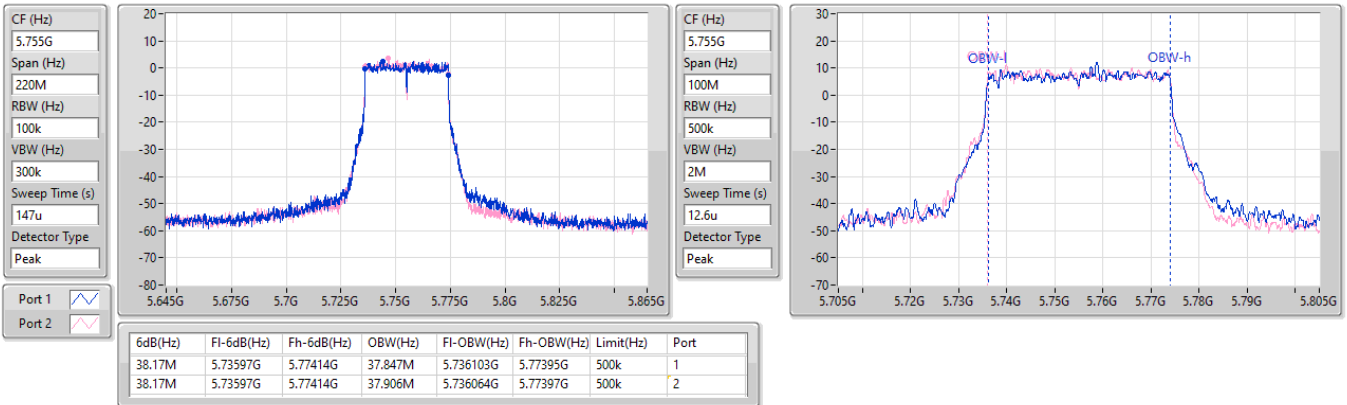


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

03/11/2025

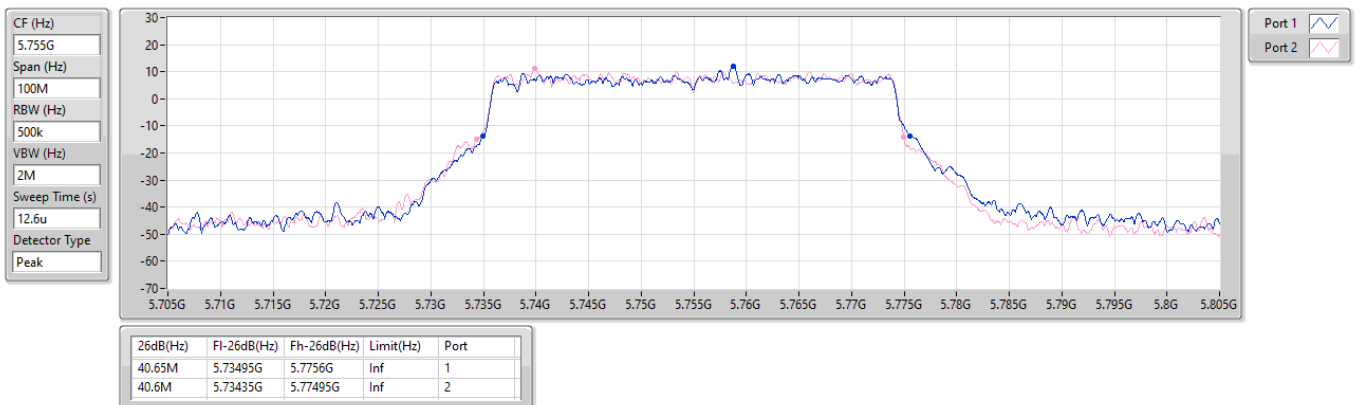


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

03/11/2025

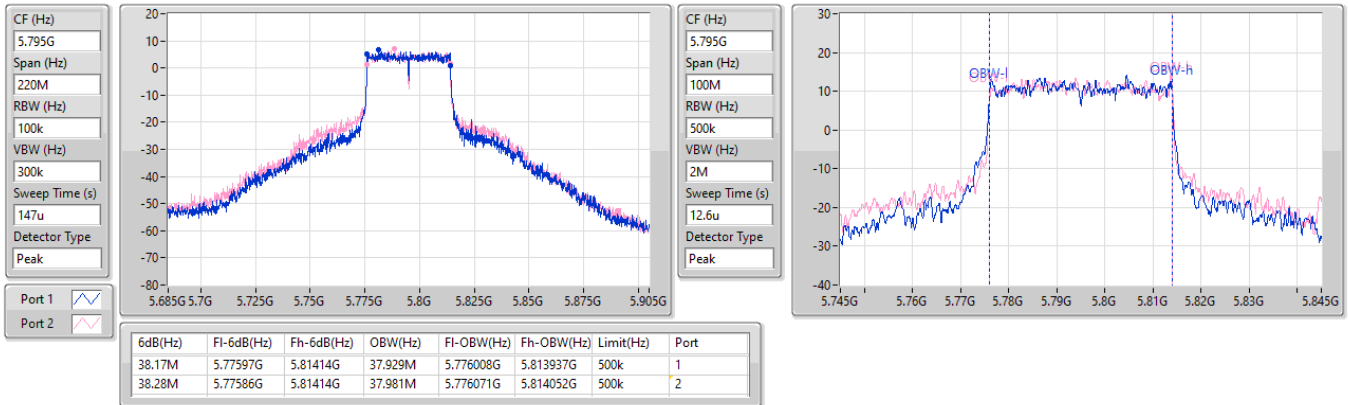


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

03/11/2025

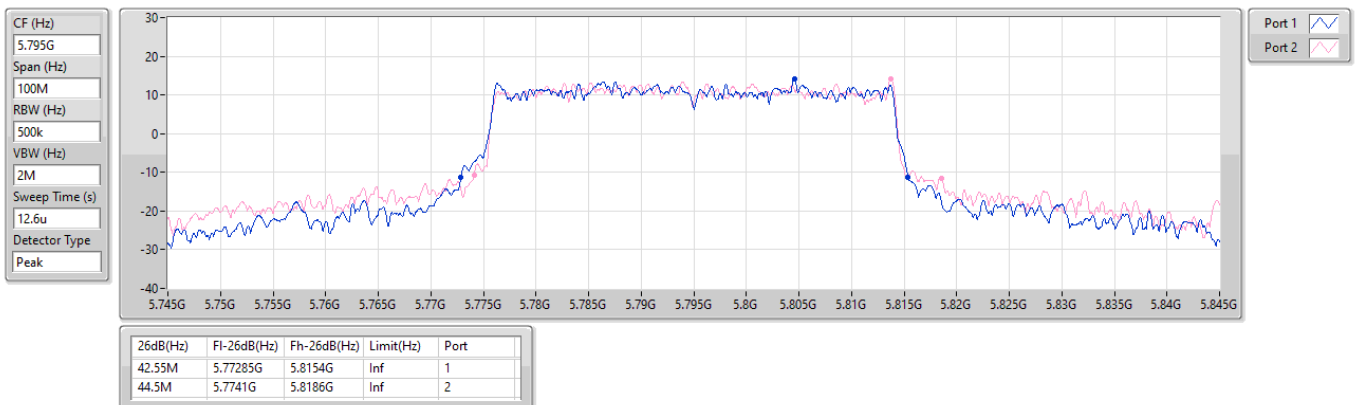


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

03/11/2025

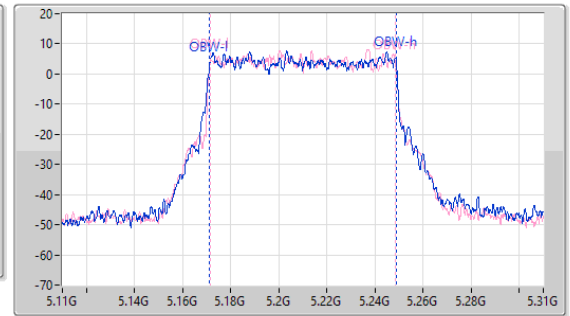
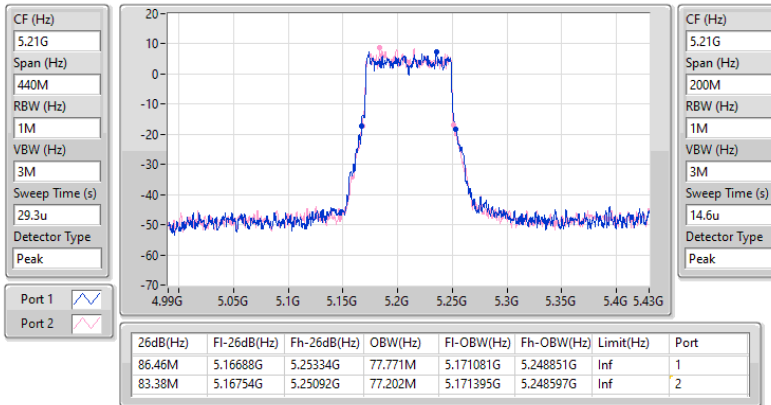


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

03/11/2025

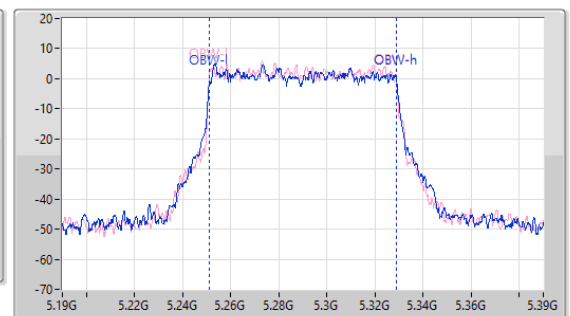
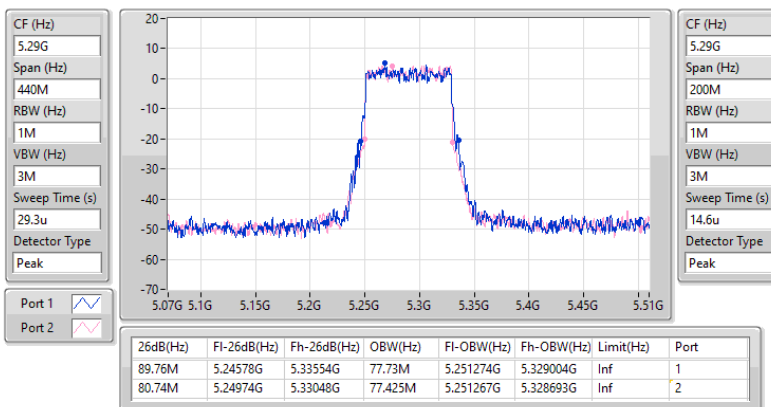


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

03/11/2025

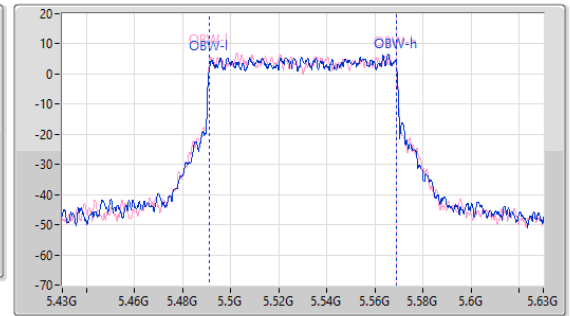
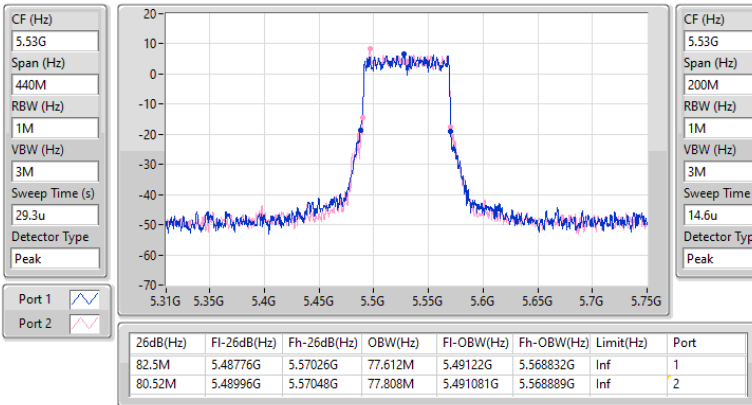


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

03/11/2025

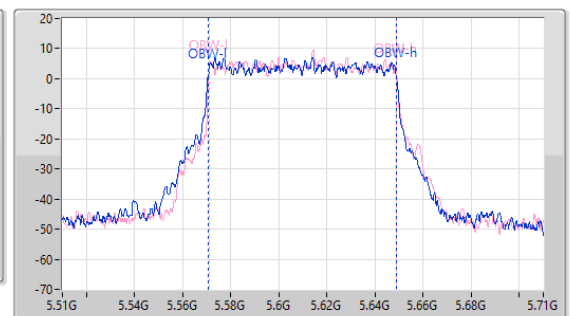
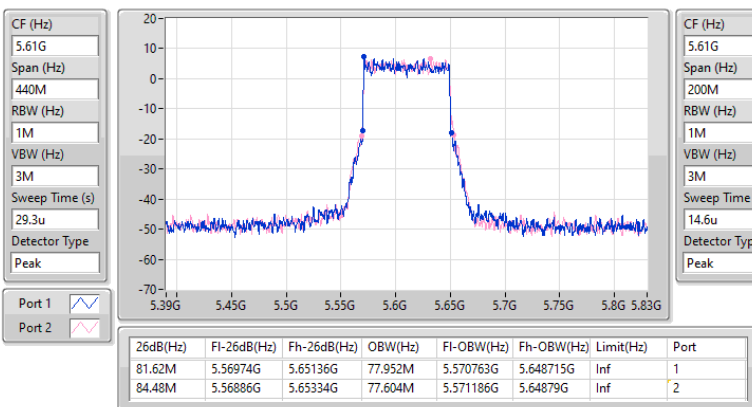


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

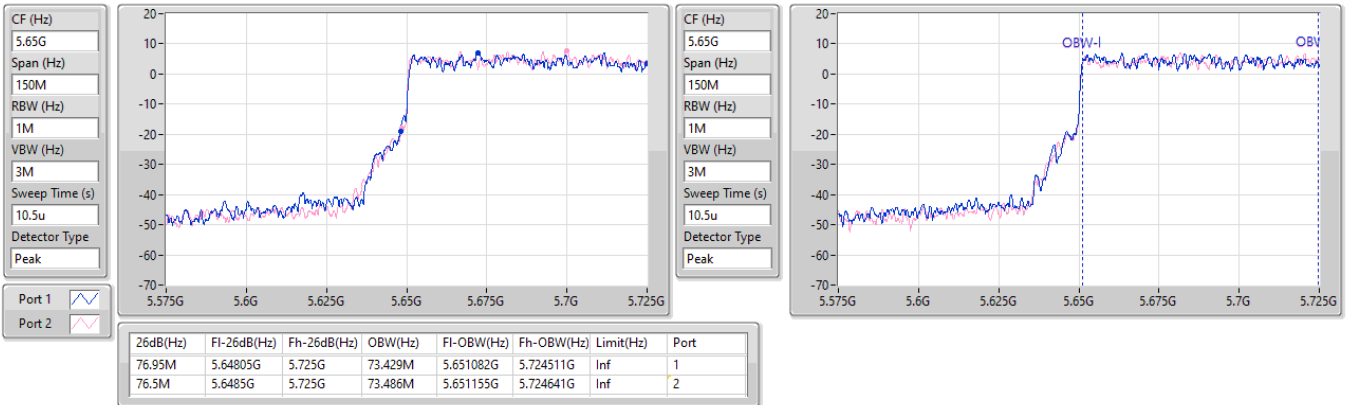
5610MHz

03/11/2025

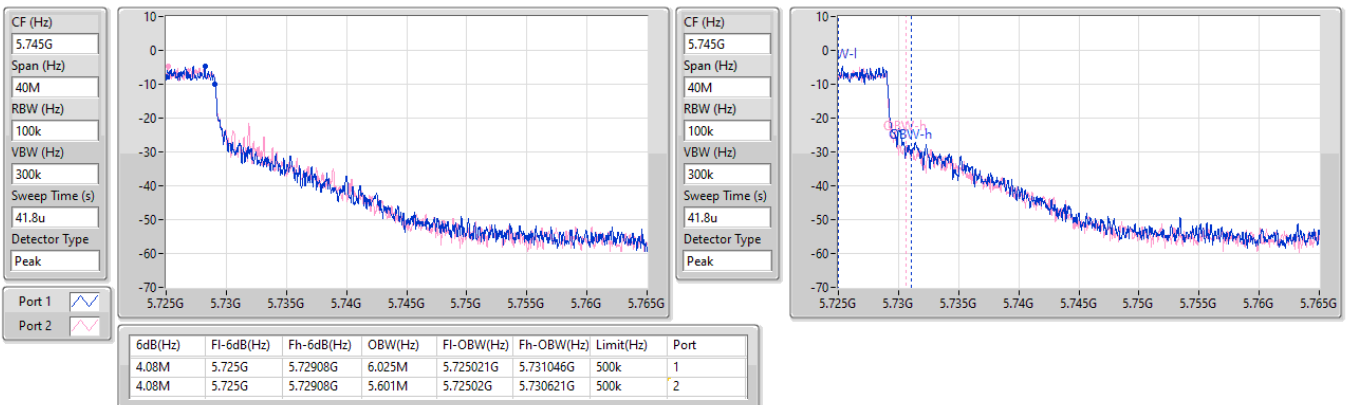


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

03/11/2025


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

03/11/2025

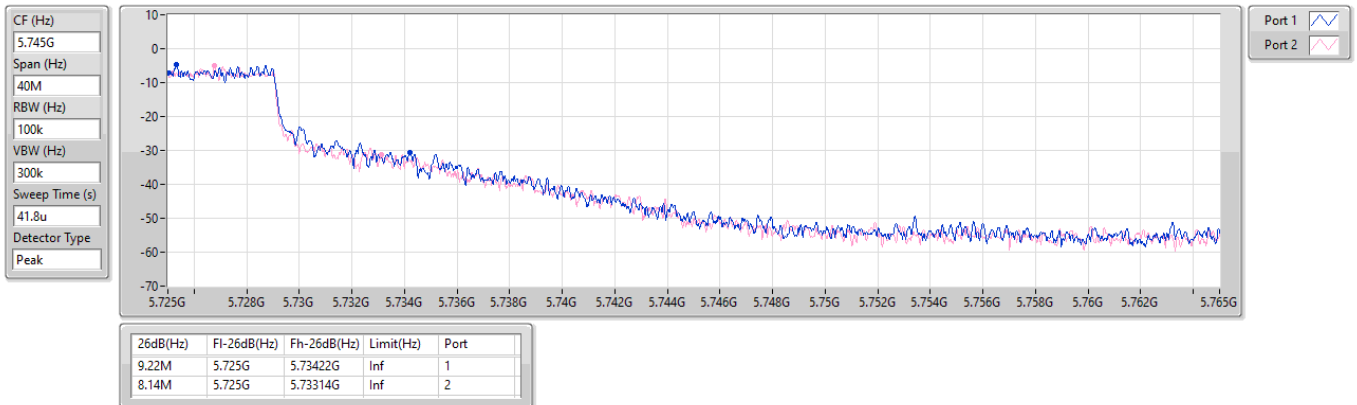


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/11/2025

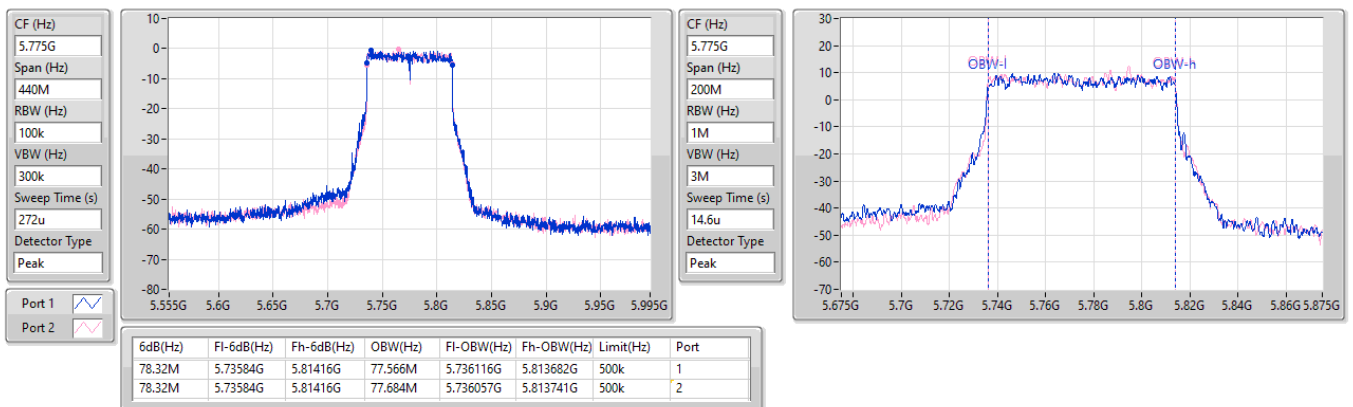


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

03/11/2025

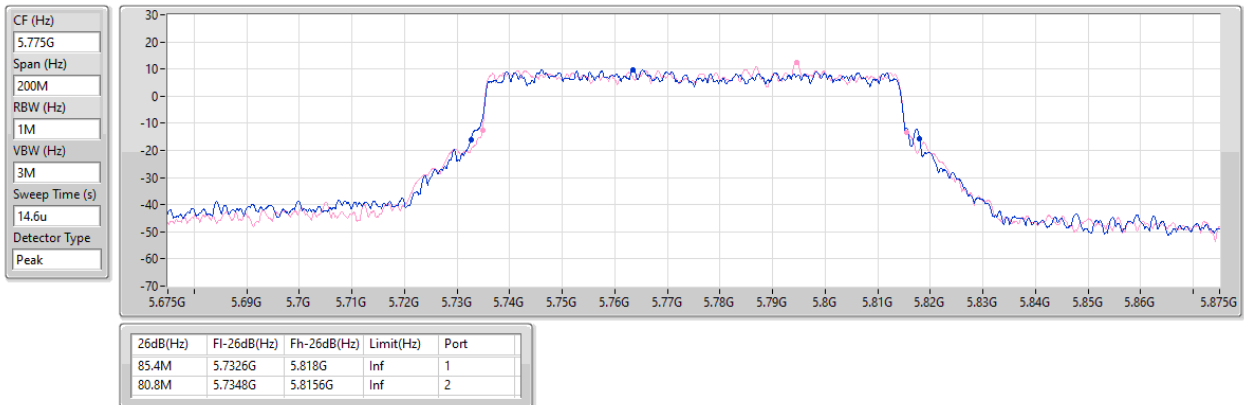


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

03/11/2025

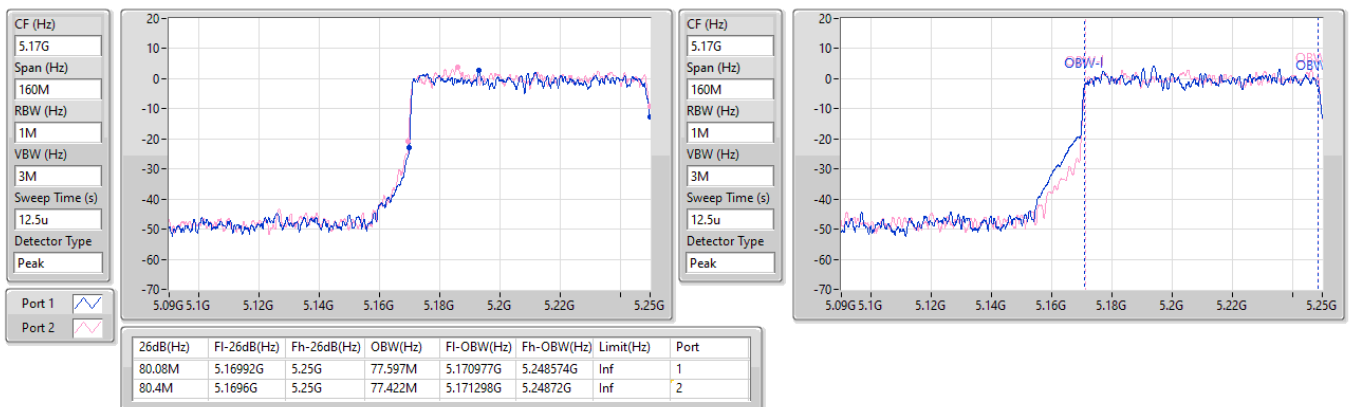


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/11/2025

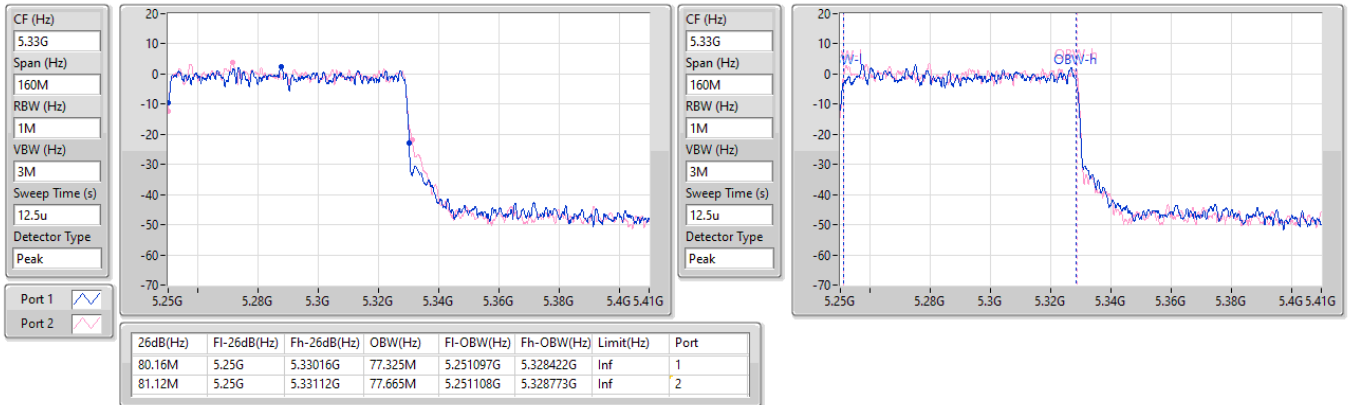


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/11/2025

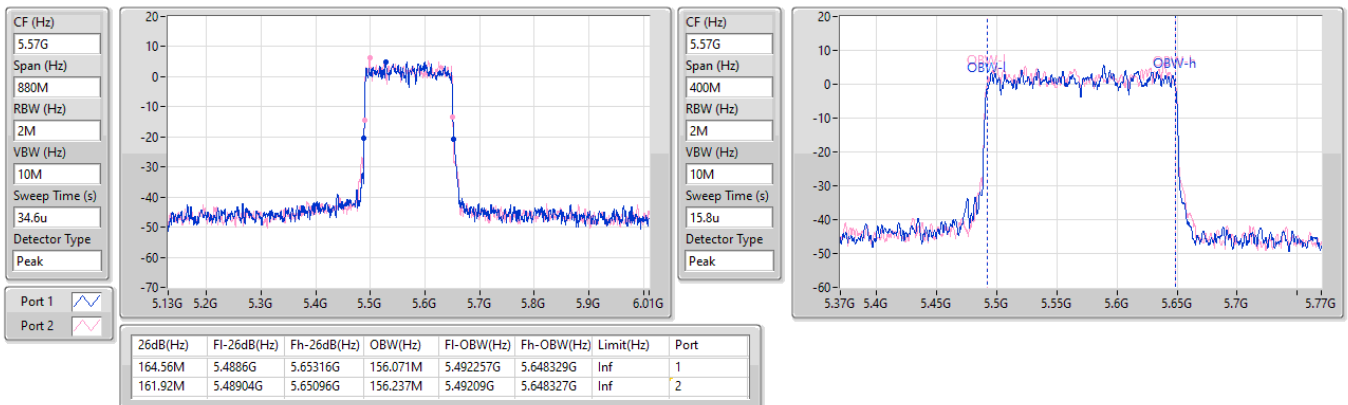


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

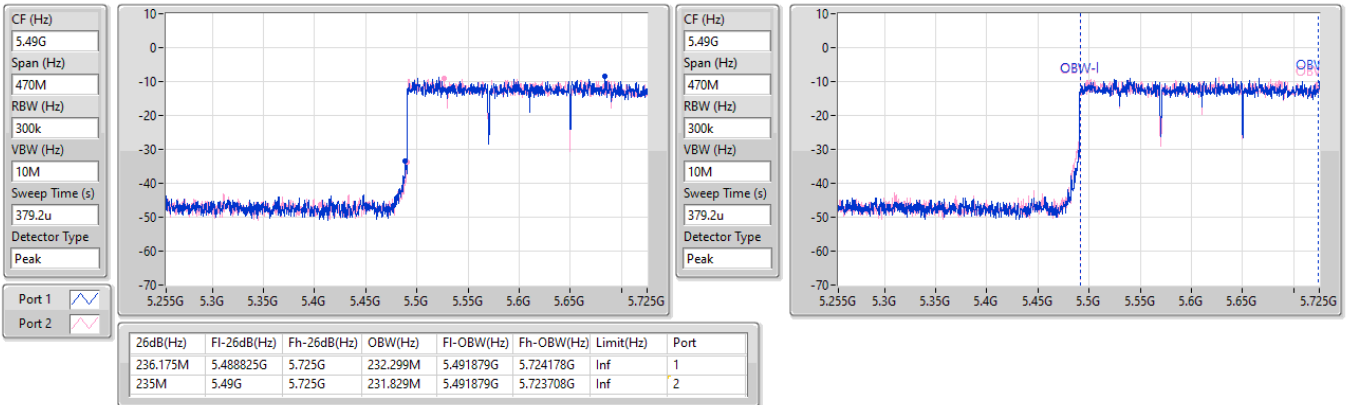
5570MHz

03/11/2025

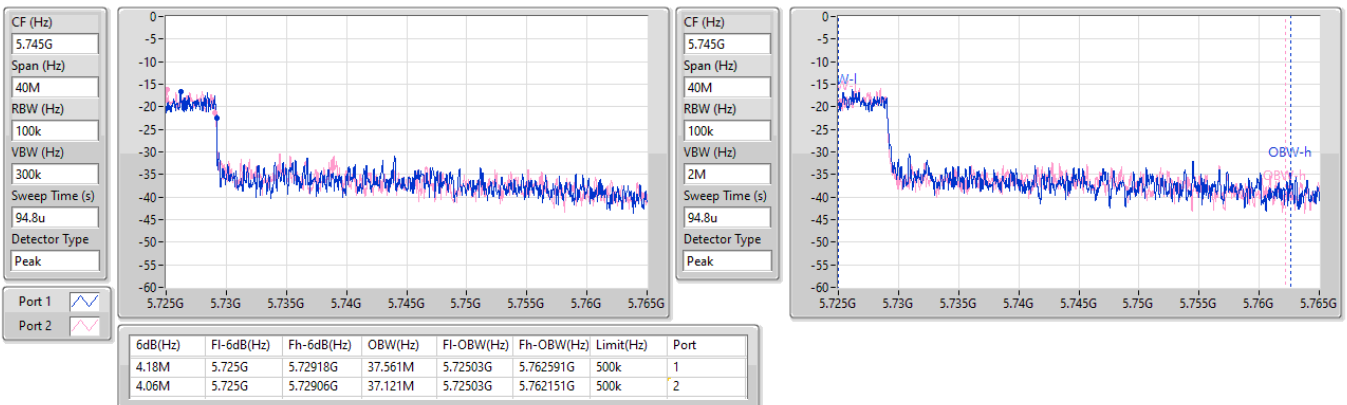


5.47-5.725GHz_EHT240_240MHz_Nss1,(MCS0)_2TX
EBW
5610MHz Straddle 5.47-5.725GHz

17/11/2025


5.725-5.85GHz_EHT240_240MHz_Nss1,(MCS0)_2TX
EBW
5610MHz Straddle 5.725-5.85GHz

17/11/2025

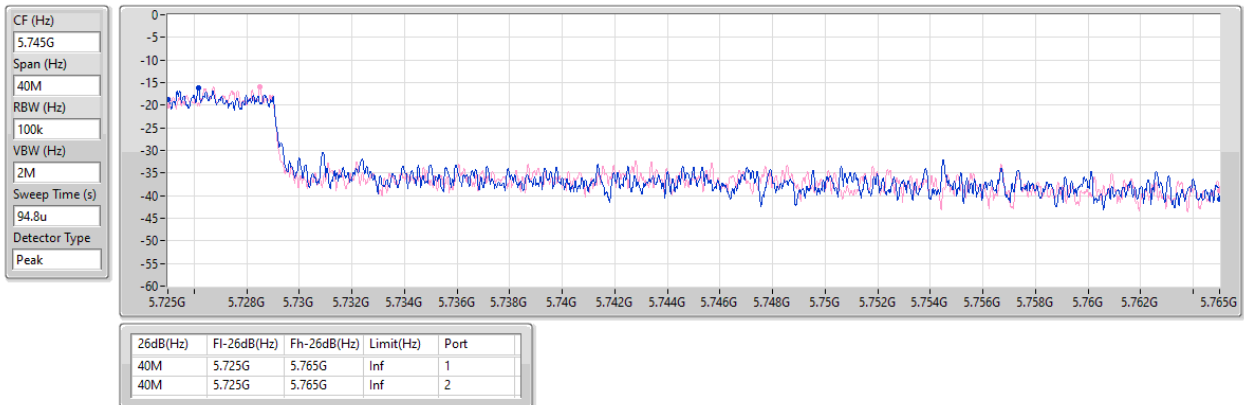


5.725-5.85GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

EBW

5610MHz Straddle 5.725-5.85GHz

17/11/2025



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)_2TX	22.385M	16.993M	17M0D1D	21.505M	16.601M
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.105M	19M1D1D	21.34M	18.976M
802.11be EHT40_Nss1,(MCS0)_2TX	43.34M	38.147M	38M1D1D	40.7M	37.801M
802.11be EHT80_Nss1,(MCS0)_2TX	86.46M	77.771M	77M8D1D	83.38M	77.202M
802.11be EHT160_Nss1,(MCS0)_2TX	80.4M	77.597M	77M6D1D	80.08M	77.422M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.22M	16.784M	16M8D1D	21.12M	16.614M
802.11be EHT20_Nss1,(MCS0)_2TX	22.275M	19.071M	19M1D1D	20.79M	18.999M
802.11be EHT40_Nss1,(MCS0)_2TX	42.46M	37.968M	38M0D1D	40.92M	37.81M
802.11be EHT80_Nss1,(MCS0)_2TX	89.76M	77.73M	77M7D1D	80.74M	77.425M
802.11be EHT160_Nss1,(MCS0)_2TX	81.12M	77.665M	77M7D1D	80.16M	77.325M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.945M	16.871M	16M9D1D	15.885M	13.296M
802.11be EHT20_Nss1,(MCS0)_2TX	22.55M	19.365M	19M4D1D	15.78M	14.451M
802.11be EHT40_Nss1,(MCS0)_2TX	42.79M	38.538M	38M5D1D	34.545M	33.729M
802.11be EHT80_Nss1,(MCS0)_2TX	84.48M	77.952M	78M0D1D	76.5M	73.429M
802.11be EHT160_Nss1,(MCS0)_2TX	164.56M	156.237M	156MD1D	161.92M	156.071M
EHT240_240MHz_Nss1,(MCS0)_2TX	236.175M	232.299M	232MD1D	235M	231.829M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.555M	17.212M	17M2D1D	3.24M	4.275M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.147M	19M1D1D	4.54M	4.561M
802.11be EHT40_Nss1,(MCS0)_2TX	38.28M	37.981M	38M0D1D	4.08M	4.234M
802.11be EHT80_Nss1,(MCS0)_2TX	78.32M	77.684M	77M7D1D	4.08M	5.601M
EHT240_240MHz_Nss1,(MCS0)_2TX	4.18M	37.561M	37M6D1D	4.06M	37.121M

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)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.505M	16.601M	22.11M	16.764M
5200MHz	Pass	Inf	21.945M	16.666M	22.385M	16.716M
5240MHz	Pass	Inf	22.165M	16.993M	21.56M	16.661M
5260MHz	Pass	Inf	21.45M	16.784M	21.23M	16.67M
5300MHz	Pass	Inf	21.56M	16.677M	21.12M	16.614M
5320MHz	Pass	Inf	21.89M	16.67M	22.22M	16.765M
5500MHz	Pass	Inf	21.78M	16.686M	21.945M	16.719M
5580MHz	Pass	Inf	21.615M	16.802M	21.34M	16.871M
5700MHz	Pass	Inf	21.45M	16.671M	21.89M	16.692M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	13.299M	15.915M	13.296M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.275M	3.24M	4.409M
5745MHz	Pass	500k	16.445M	16.814M	16.555M	16.687M
5785MHz	Pass	500k	16.5M	16.761M	16.5M	16.724M
5825MHz	Pass	500k	16.555M	16.993M	16.445M	17.212M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.34M	18.976M	22.055M	19.105M
5200MHz	Pass	Inf	21.615M	18.987M	22M	19.029M
5240MHz	Pass	Inf	22.33M	19.086M	21.945M	18.981M
5260MHz	Pass	Inf	21.45M	19.071M	21.725M	19.047M
5300MHz	Pass	Inf	21.23M	18.999M	22.275M	19.025M
5320MHz	Pass	Inf	21.395M	19.002M	20.79M	19.015M
5500MHz	Pass	Inf	21.67M	19.017M	21.615M	19.12M
5580MHz	Pass	Inf	21.835M	18.938M	22M	19.365M
5700MHz	Pass	Inf	22.165M	18.988M	22.55M	18.968M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	14.451M	16.26M	14.512M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.574M	4.56M	4.561M
5745MHz	Pass	500k	19.14M	19.024M	19.14M	18.977M
5785MHz	Pass	500k	19.085M	19.047M	19.085M	19.032M
5825MHz	Pass	500k	19.14M	19.14M	19.085M	19.147M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.7M	37.801M	41.36M	38.147M
5230MHz	Pass	Inf	43.34M	37.972M	42.9M	37.92M
5270MHz	Pass	Inf	41.69M	37.81M	42.24M	37.901M
5310MHz	Pass	Inf	42.46M	37.851M	40.92M	37.968M
5510MHz	Pass	Inf	41.36M	38.11M	41.58M	38.02M
5550MHz	Pass	Inf	41.14M	38.538M	42.79M	38.087M
5670MHz	Pass	Inf	41.8M	37.858M	41.47M	37.996M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.545M	33.729M	36.26M	33.862M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.553M	4.08M	4.234M
5755MHz	Pass	500k	38.17M	37.847M	38.17M	37.906M
5795MHz	Pass	500k	38.17M	37.929M	38.28M	37.981M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.46M	77.771M	83.38M	77.202M
5290MHz	Pass	Inf	89.76M	77.73M	80.74M	77.425M
5530MHz	Pass	Inf	82.5M	77.612M	80.52M	77.808M
5610MHz	Pass	Inf	81.62M	77.952M	84.48M	77.604M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.95M	73.429M	76.5M	73.486M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	6.025M	4.08M	5.601M
5775MHz	Pass	500k	78.32M	77.566M	78.32M	77.684M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.08M	77.597M	80.4M	77.422M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.16M	77.325M	81.12M	77.665M
5570MHz	Pass	Inf	164.56M	156.071M	161.92M	156.237M
EHT240_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-



EBW (Mode 2)

Appendix B.2

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5610MHz Straddle 5.47-5.725GHz	Pass	Inf	236.175M	232.299M	235M	231.829M
5610MHz Straddle 5.725-5.85GHz	Pass	500k	4.18M	37.561M	4.06M	37.121M

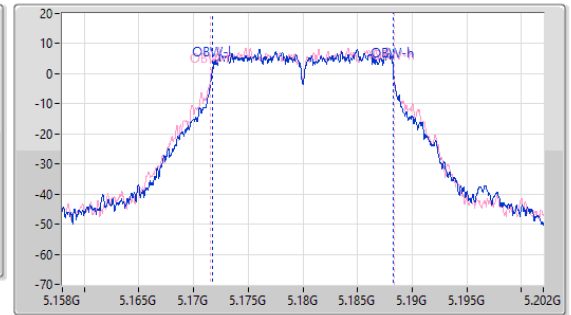
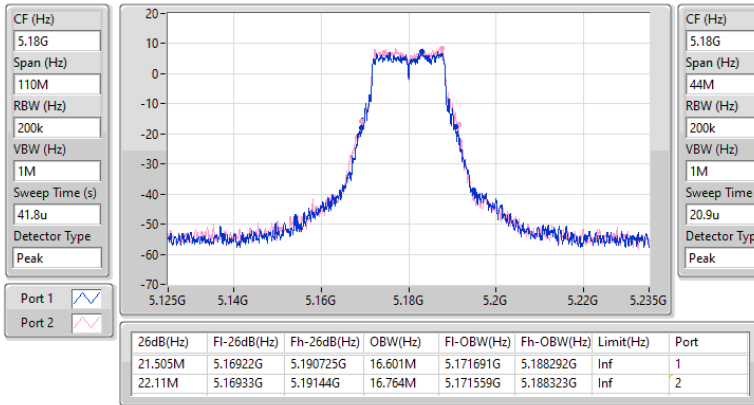
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

03/11/2025

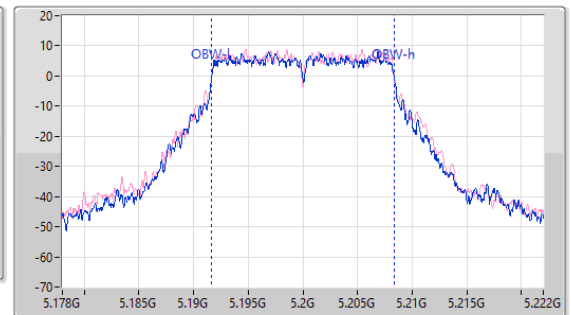
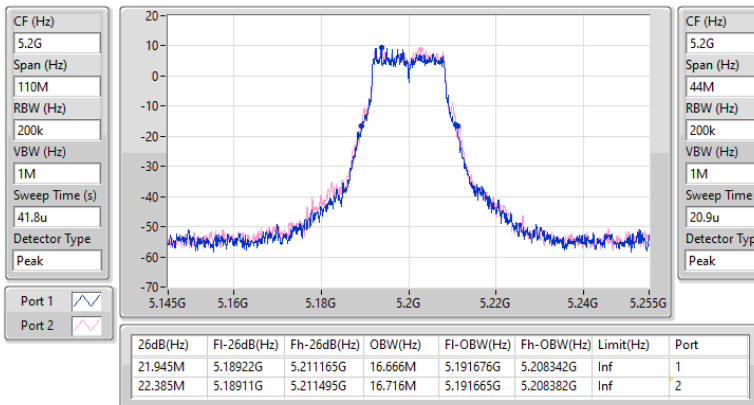


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

03/11/2025

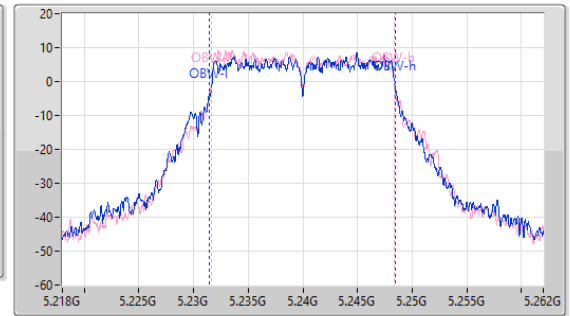
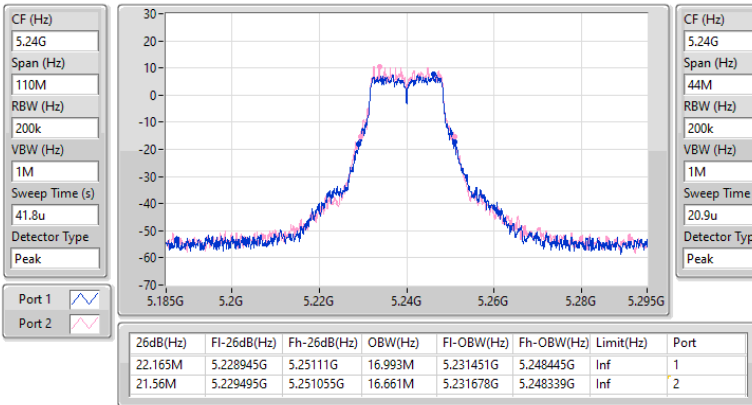


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

03/11/2025

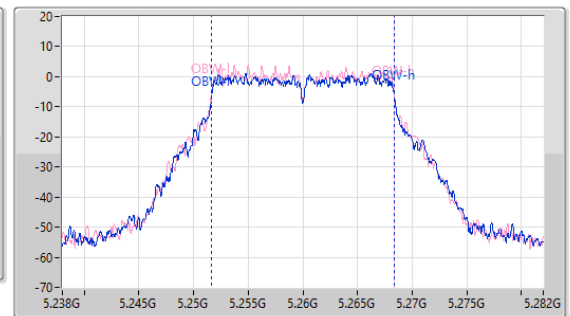
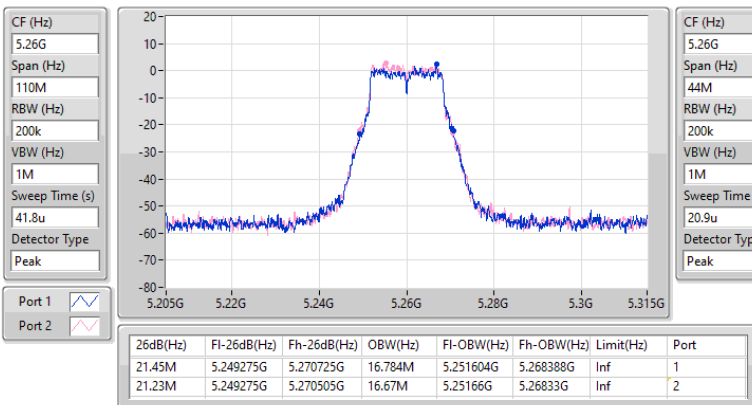


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

03/11/2025

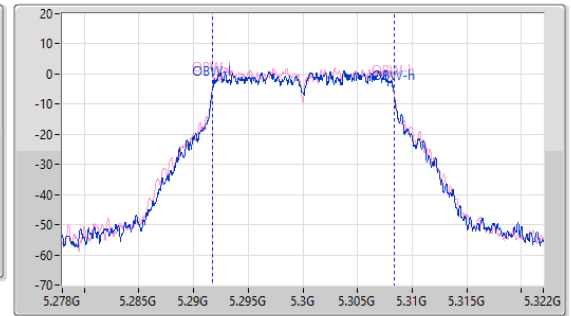
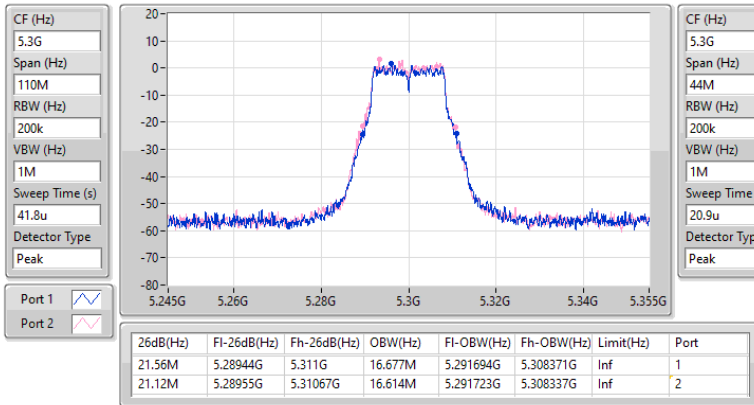


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

03/11/2025

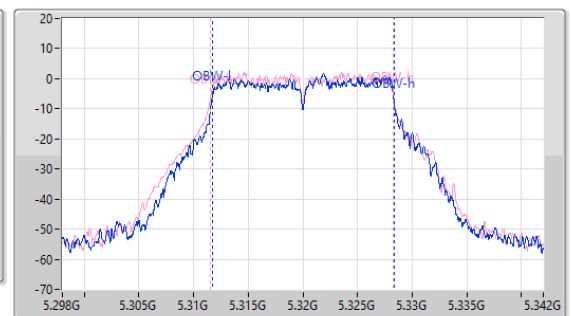
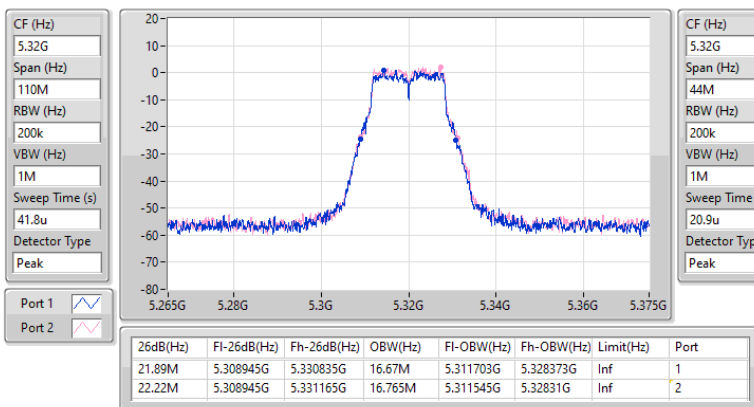


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

03/11/2025

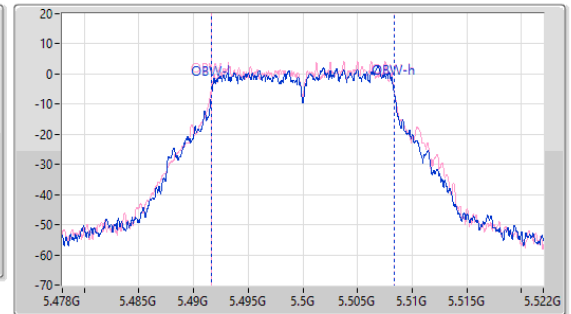
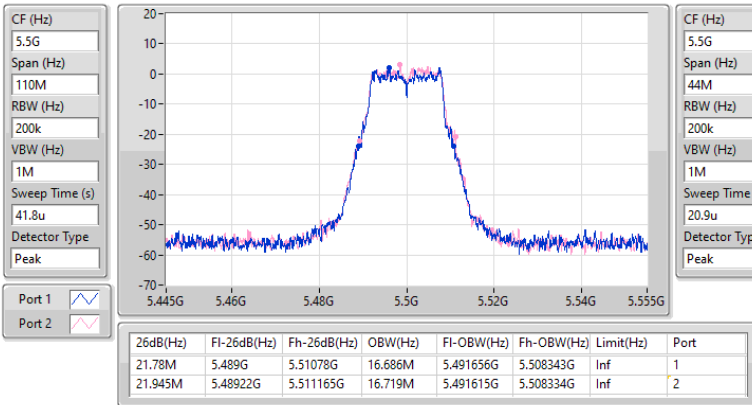


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

03/11/2025

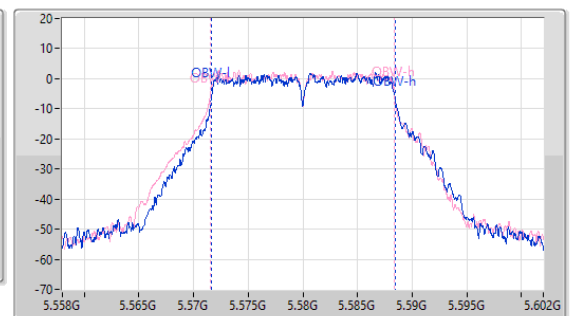
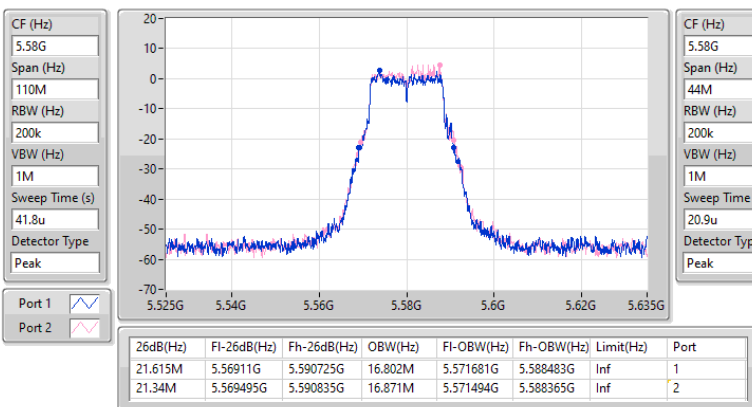


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

03/11/2025

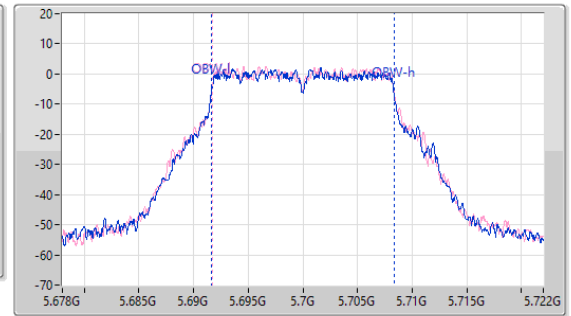
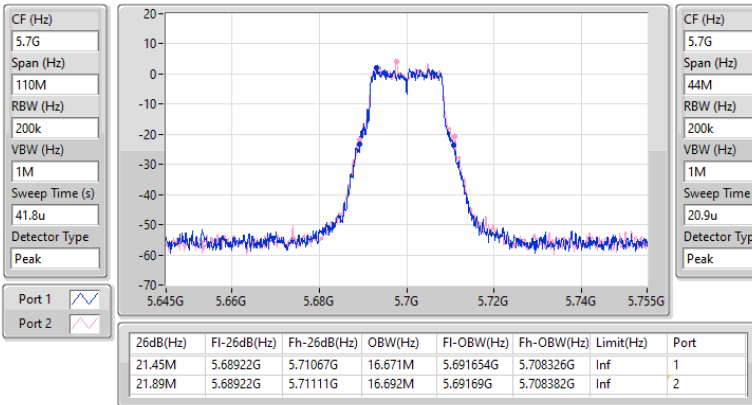


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

03/11/2025

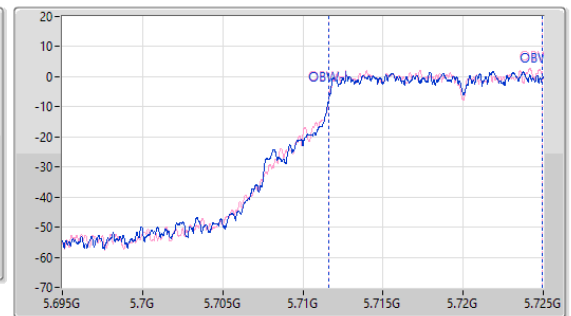
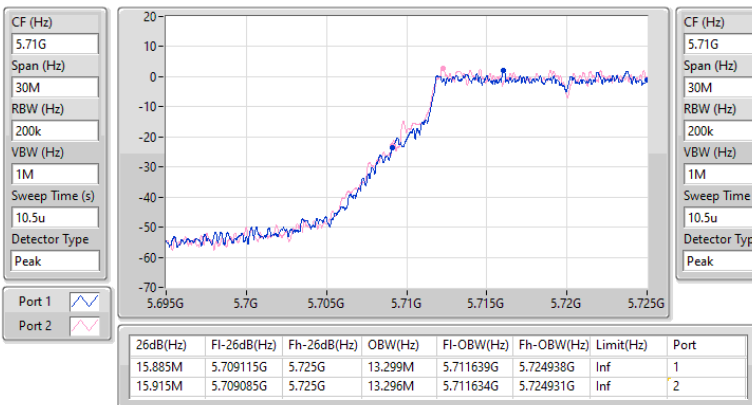


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/11/2025

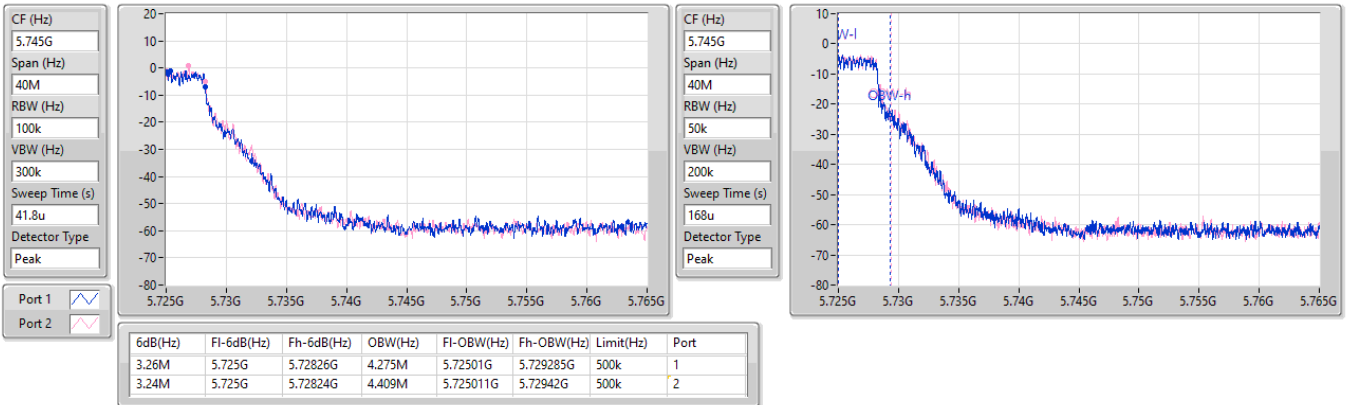


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

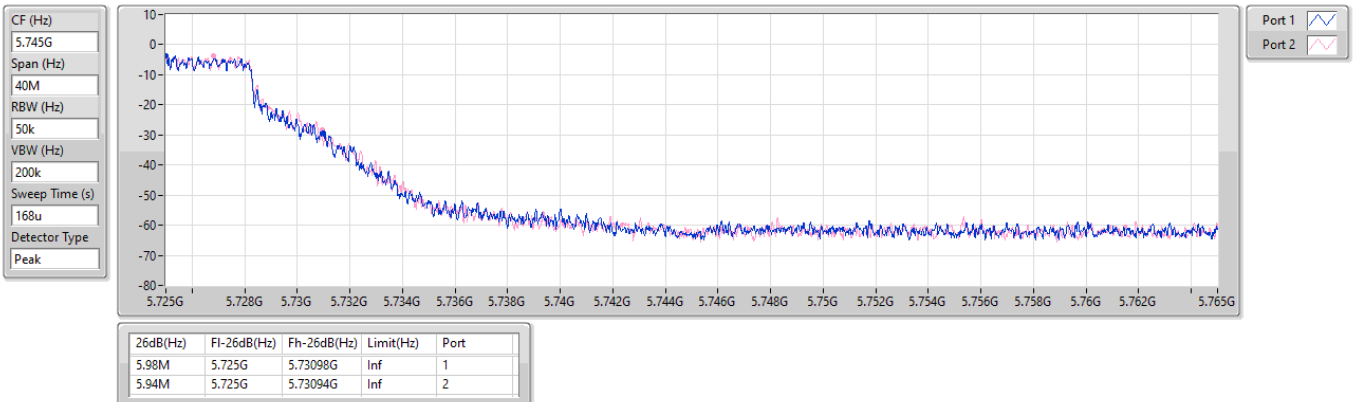


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

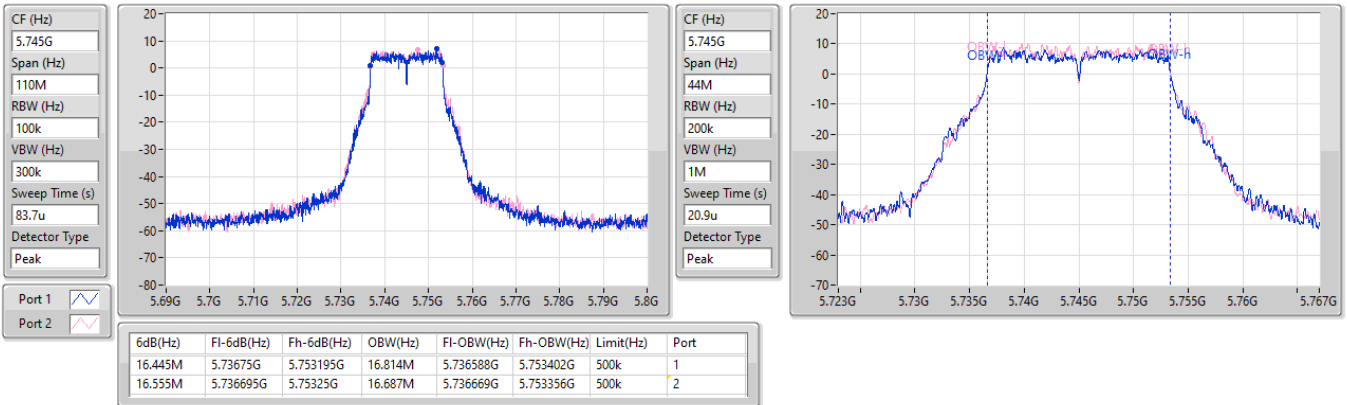


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

03/11/2025

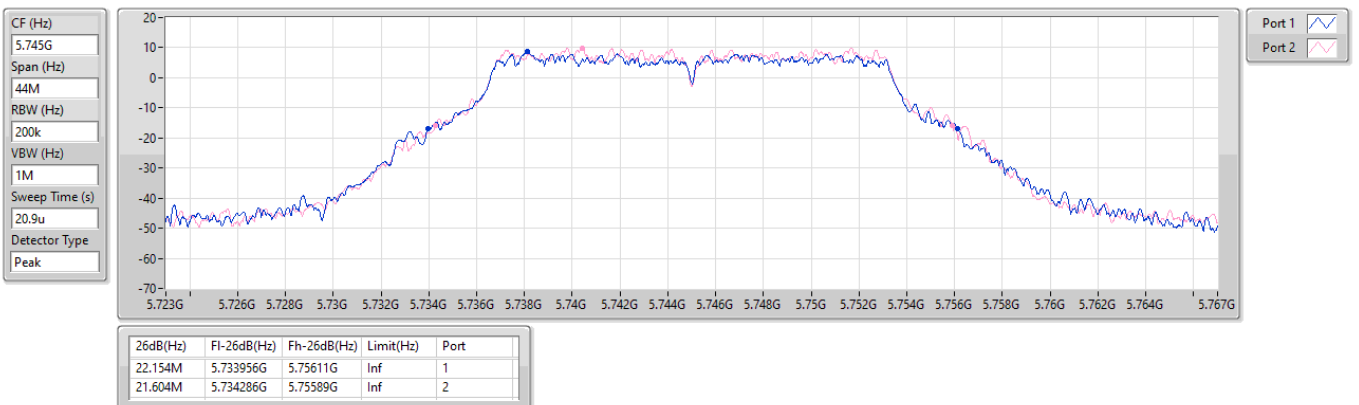


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

03/11/2025

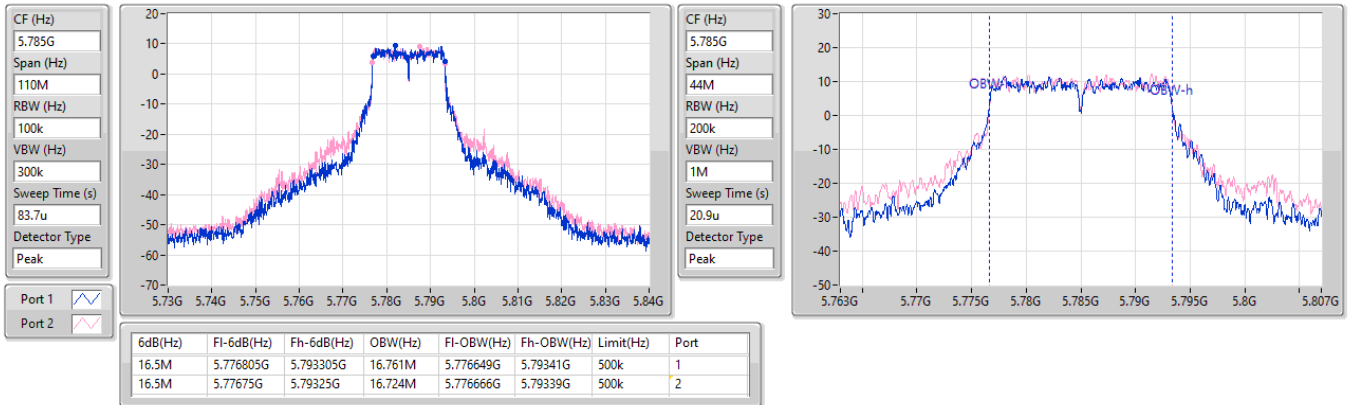


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

03/11/2025

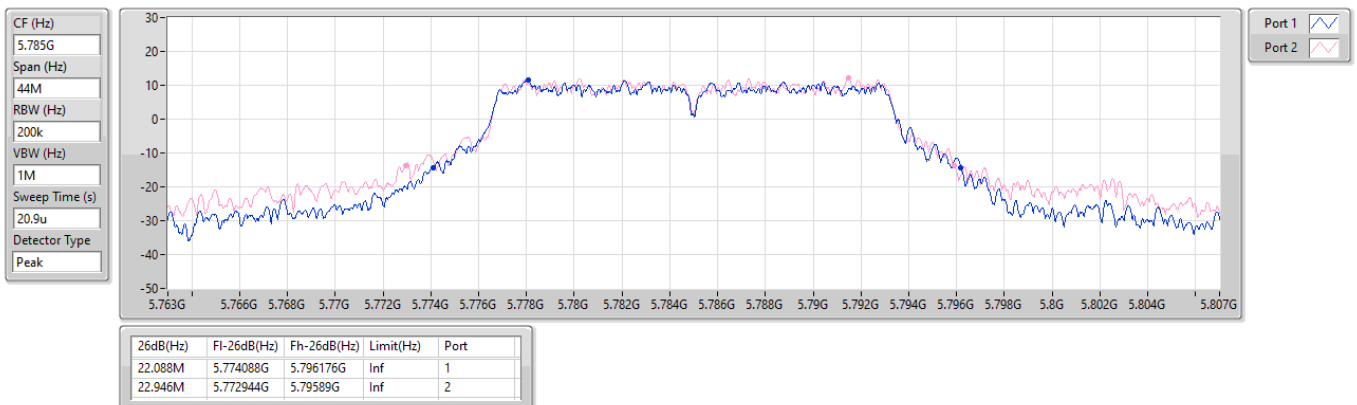


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

03/11/2025

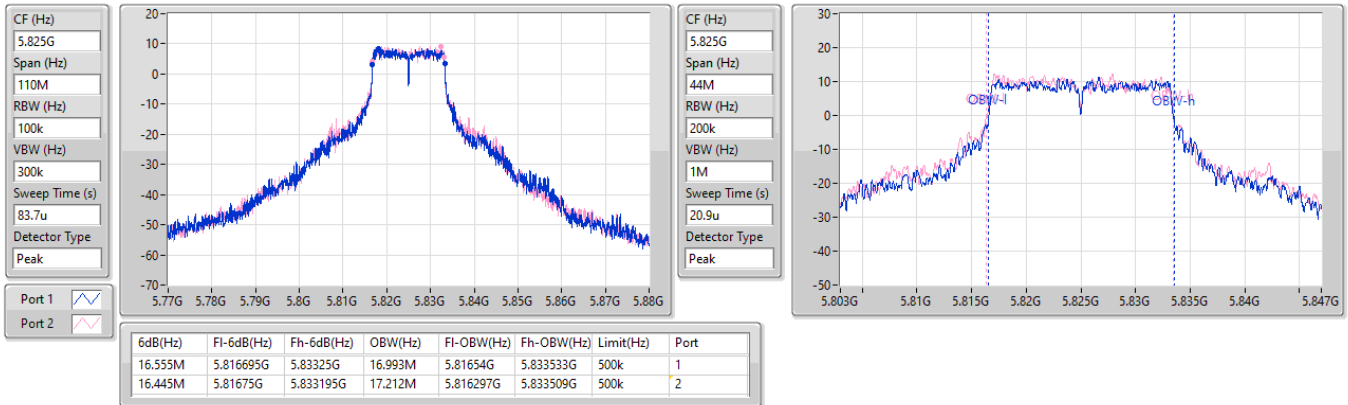


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

03/11/2025

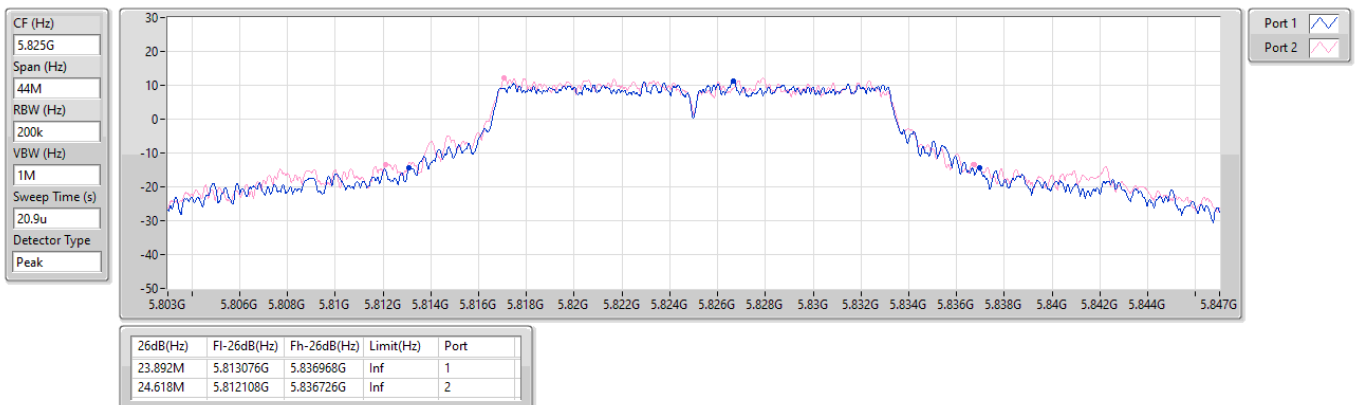


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

03/11/2025

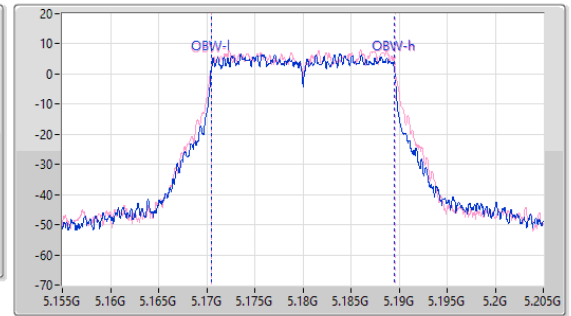
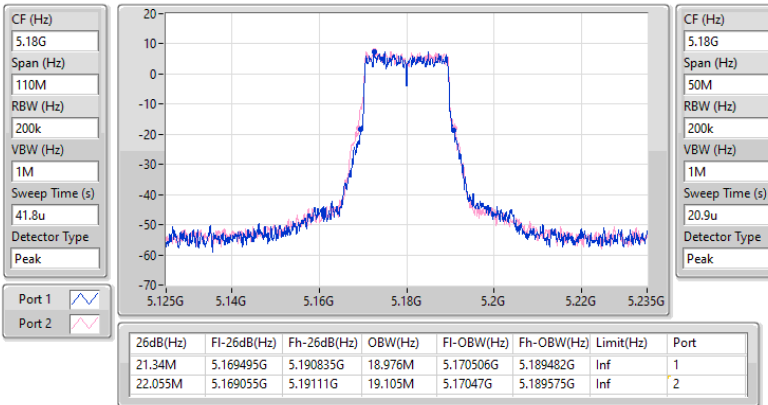


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

03/11/2025

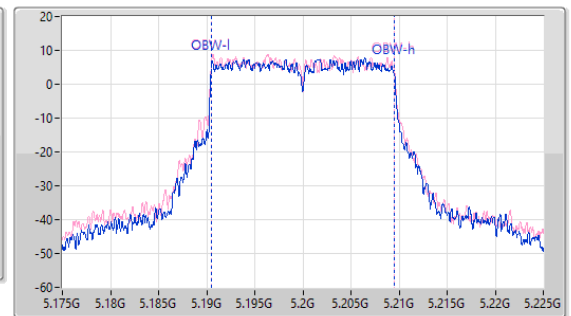
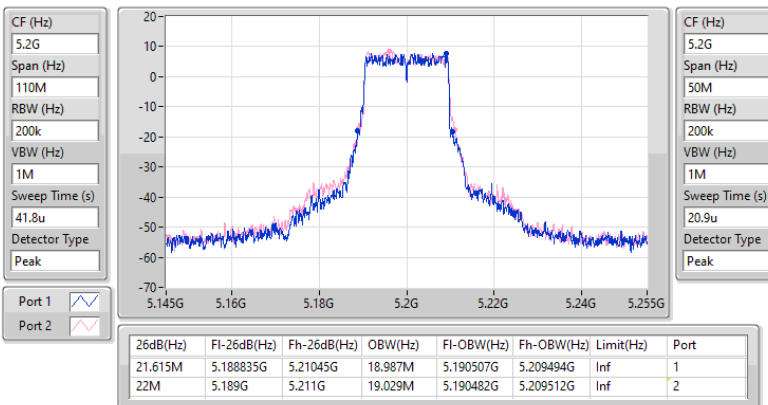


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

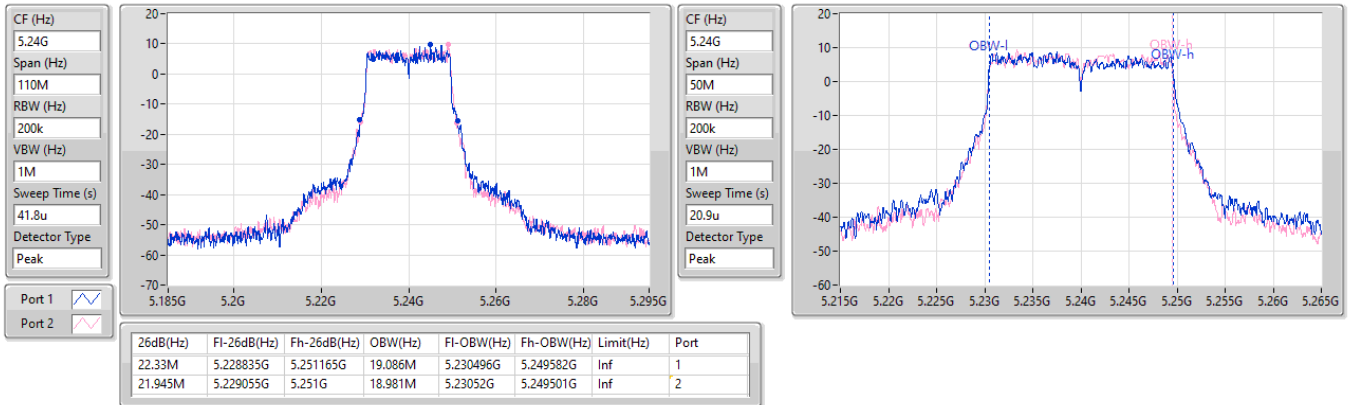
5200MHz

03/11/2025

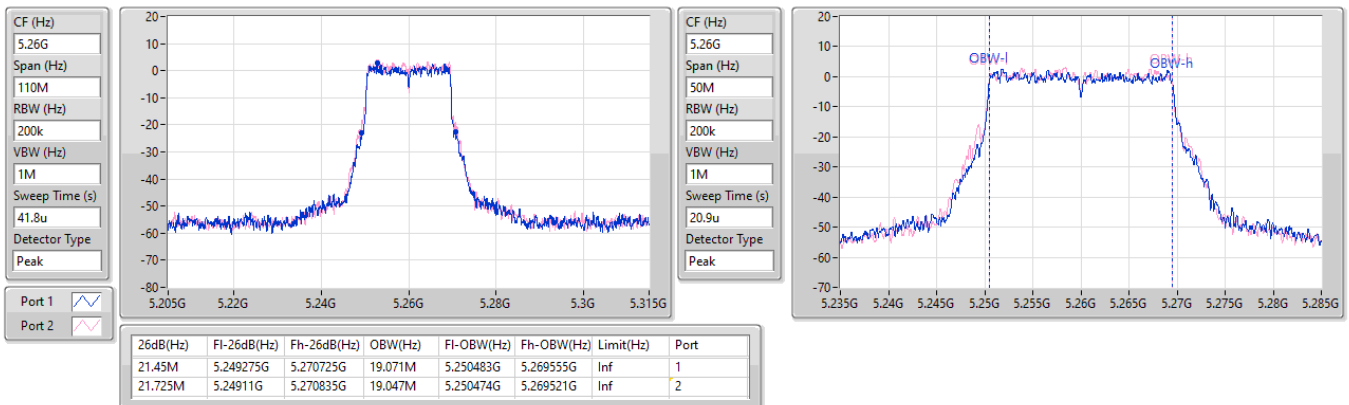


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

03/11/2025


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

03/11/2025

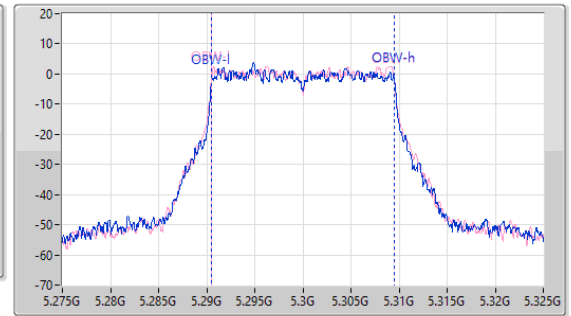
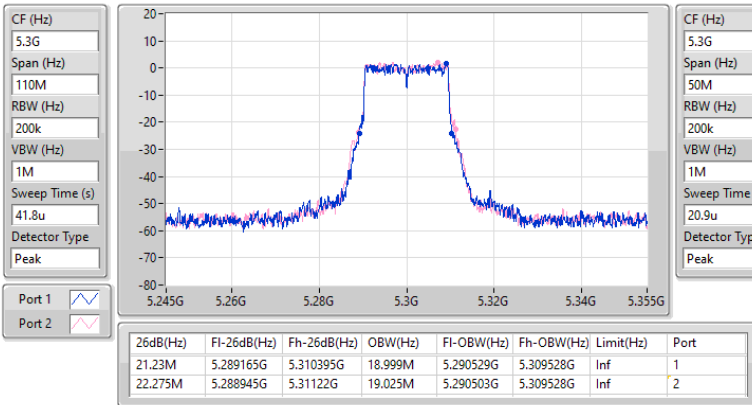


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

03/11/2025

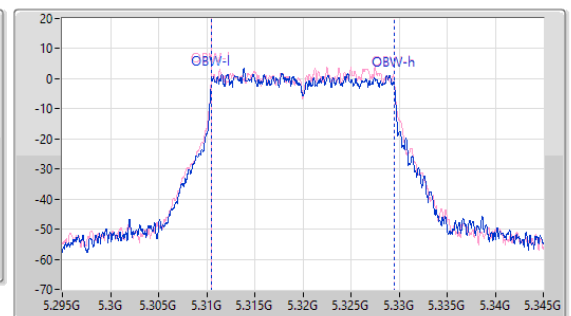
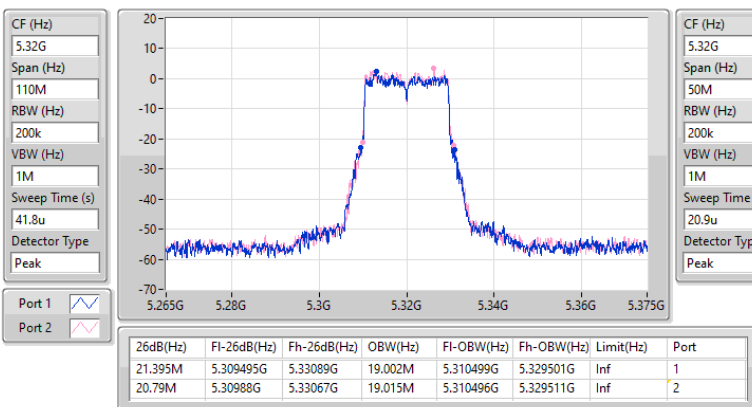


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

03/11/2025

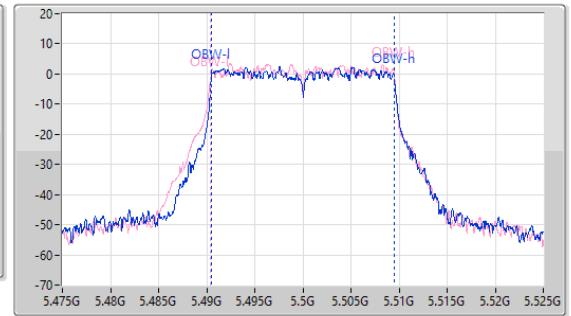
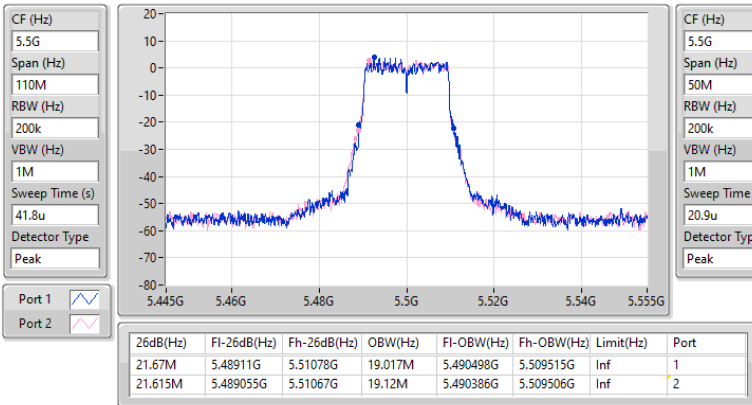


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

03/11/2025

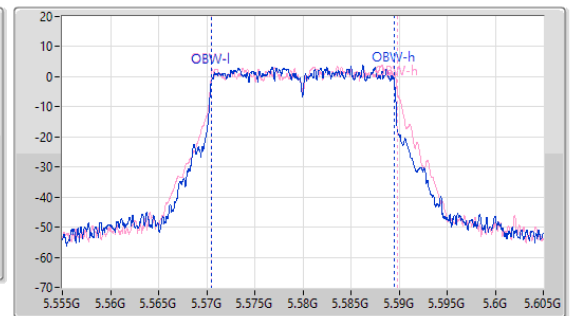
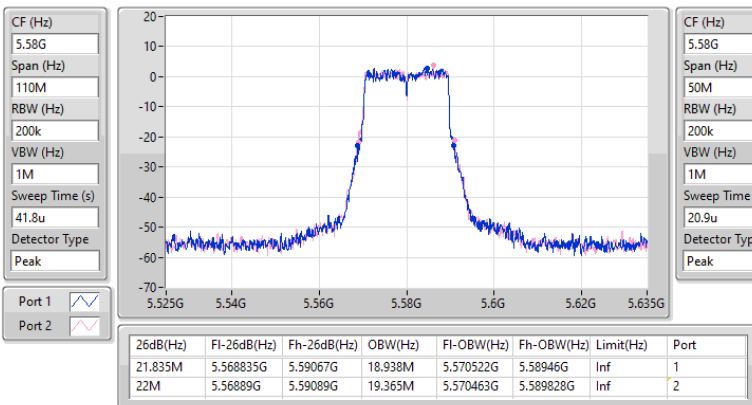


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

03/11/2025

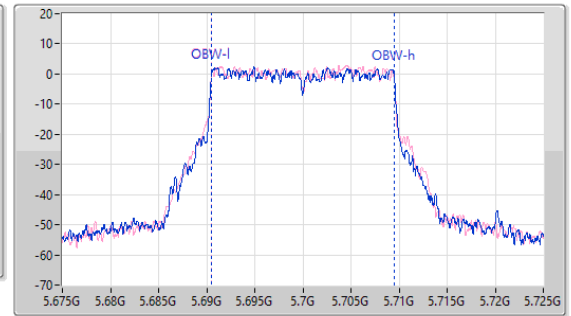
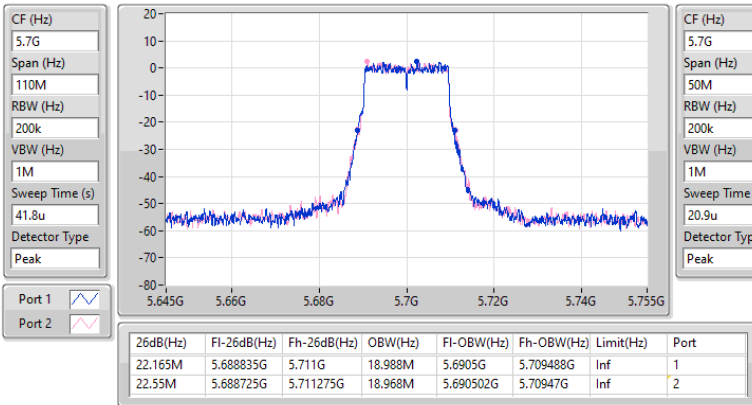


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

03/11/2025

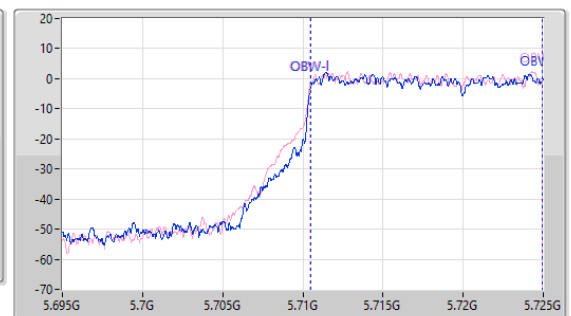
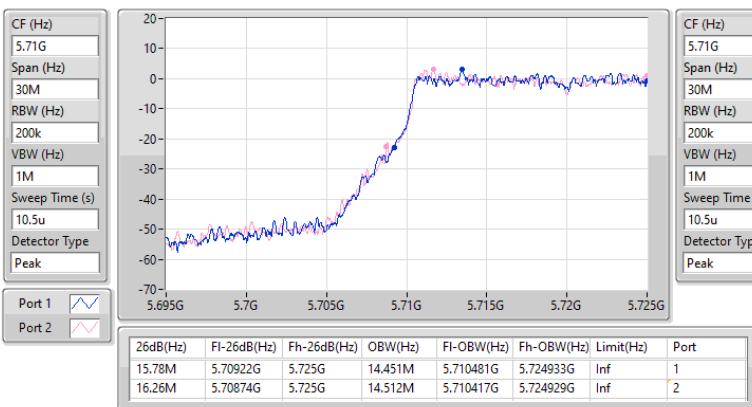


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/11/2025

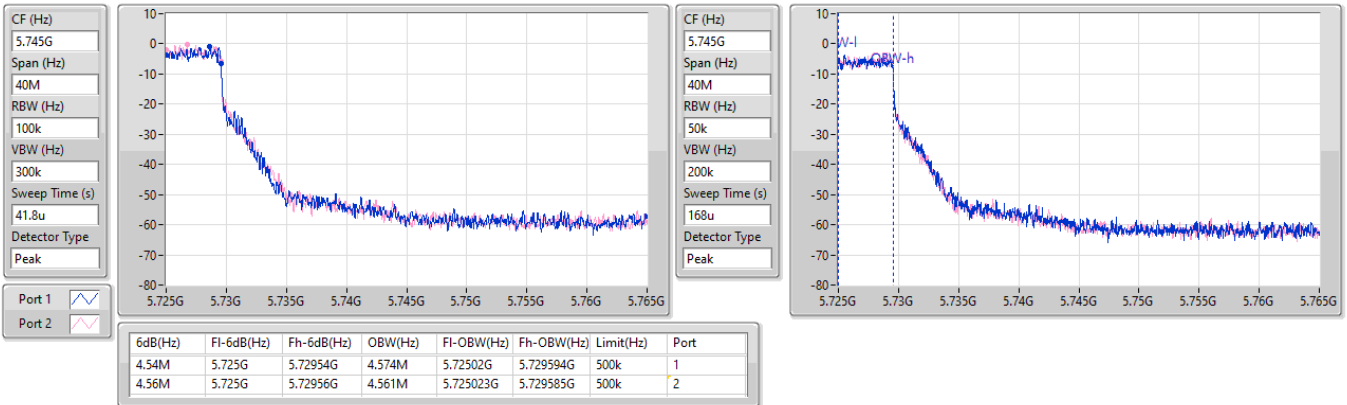


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

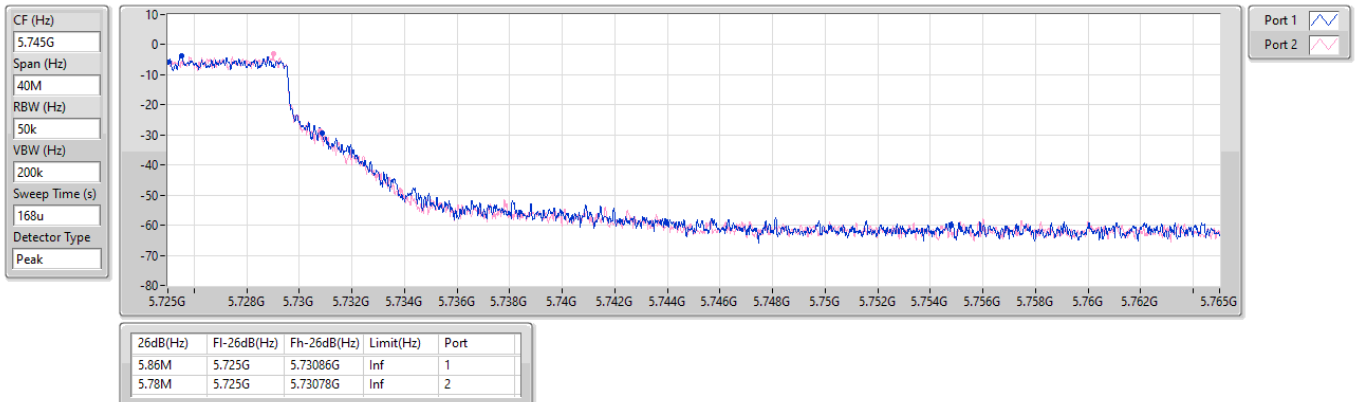


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/11/2025

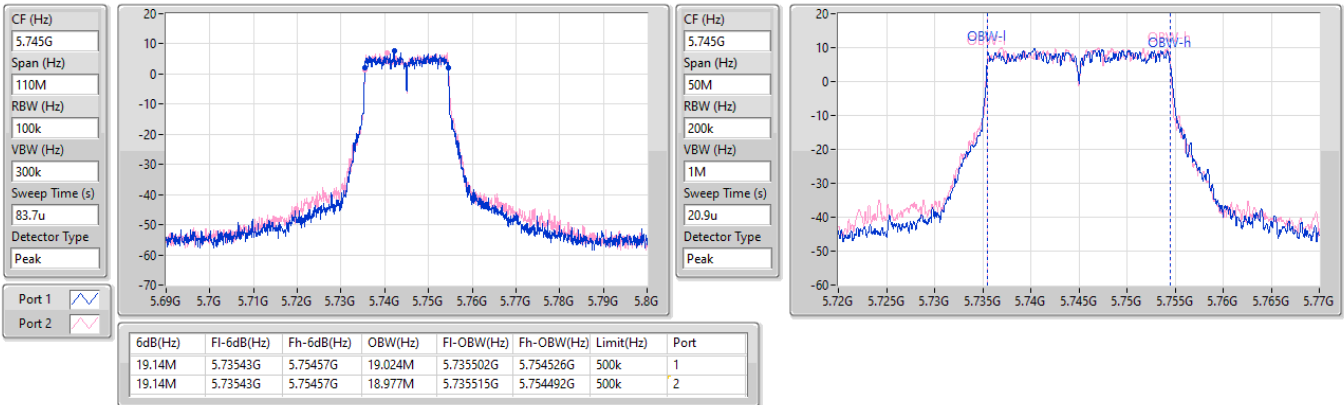


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

03/11/2025

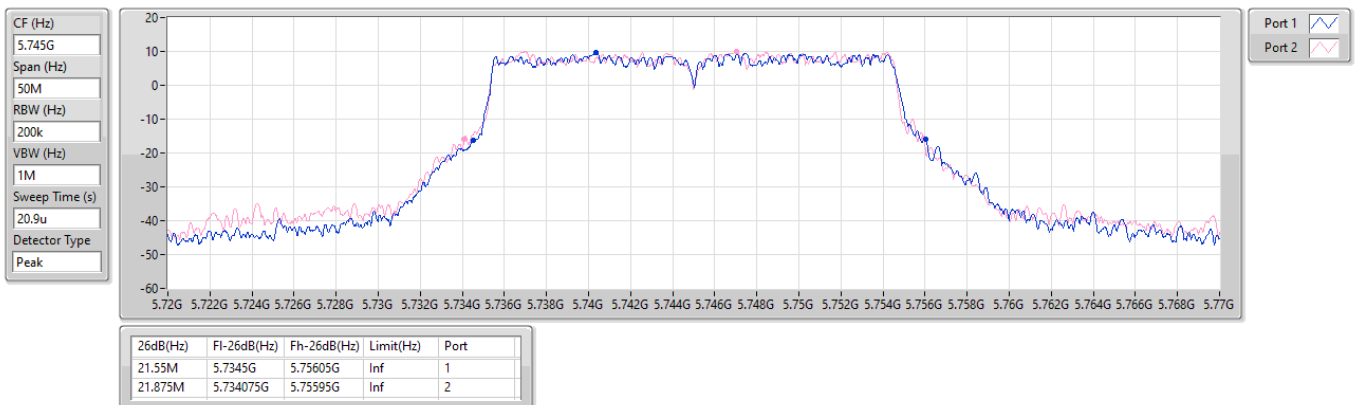


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

03/11/2025

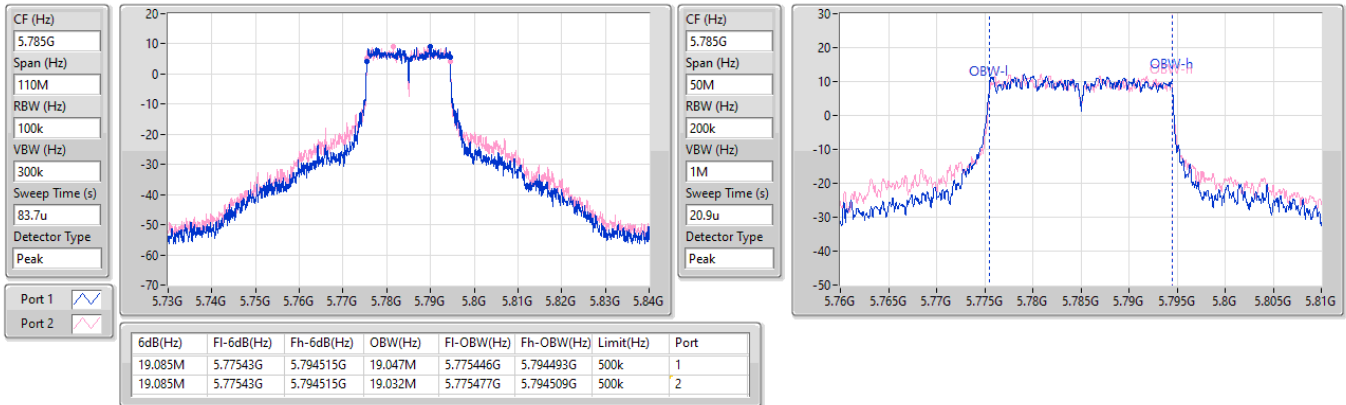


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

03/11/2025



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

EBW

5785MHz

03/11/2025

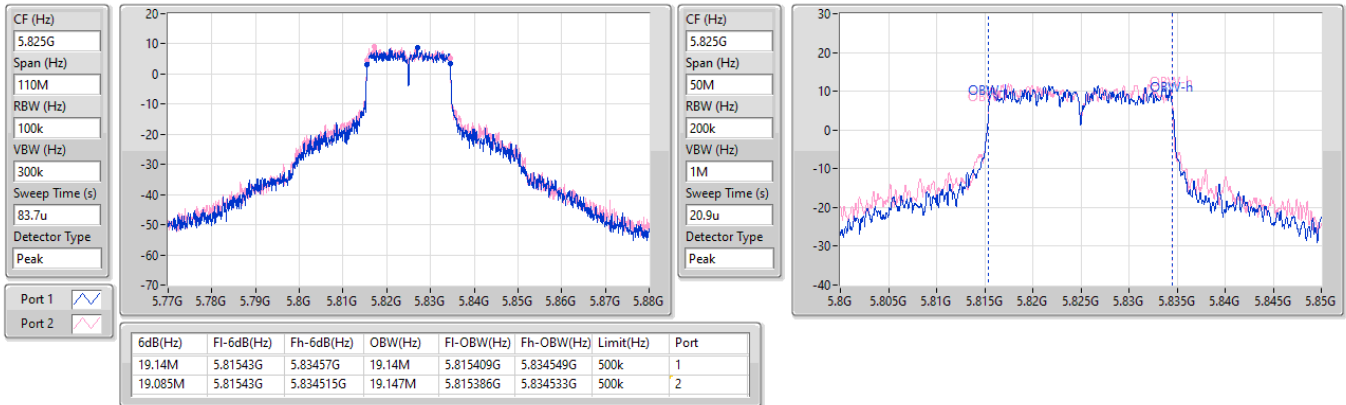


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

03/11/2025

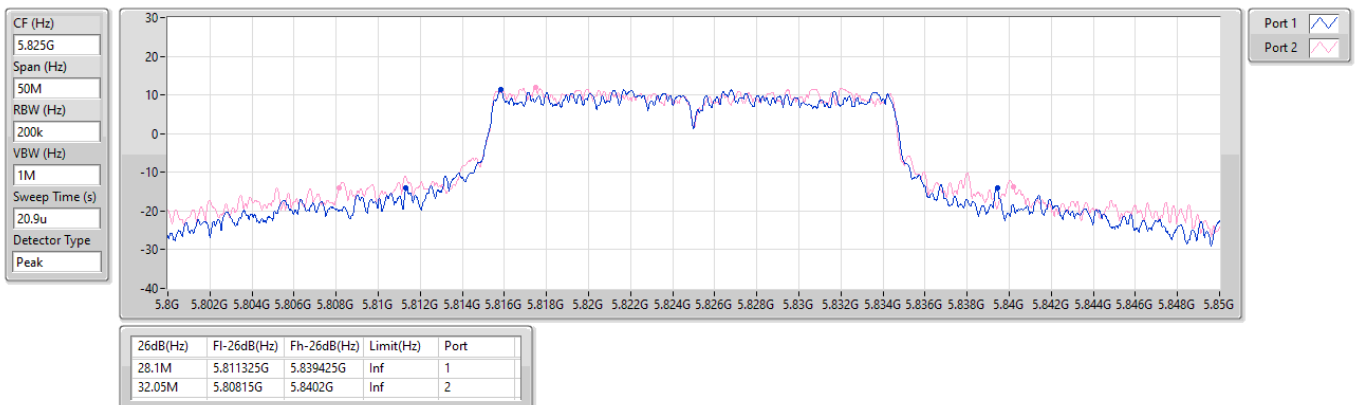


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

03/11/2025

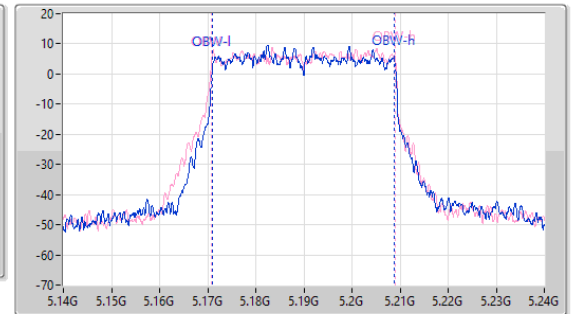
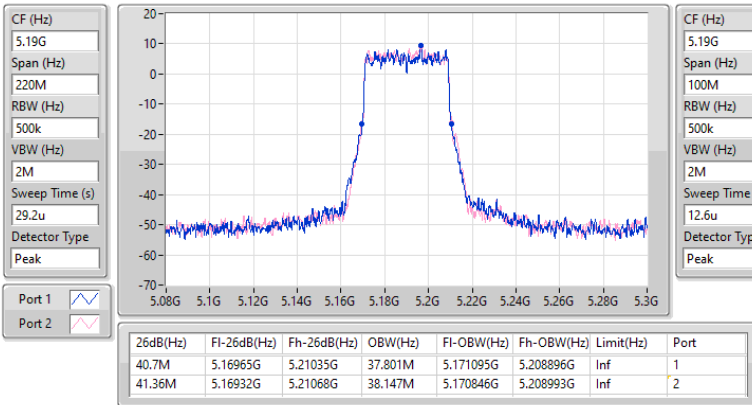


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

03/11/2025

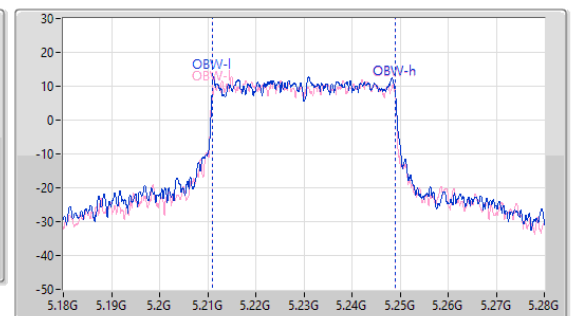
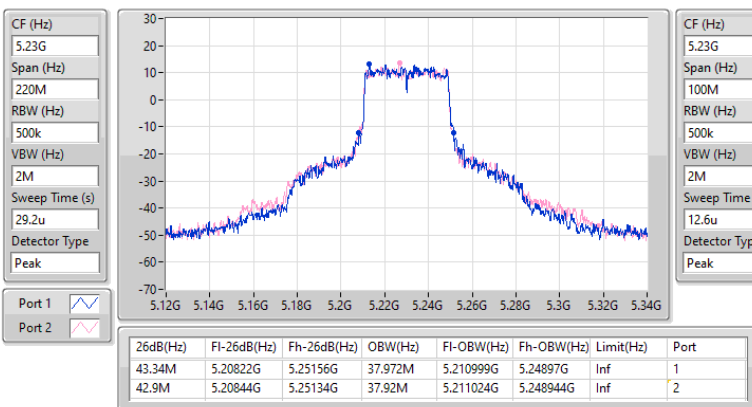


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

03/11/2025

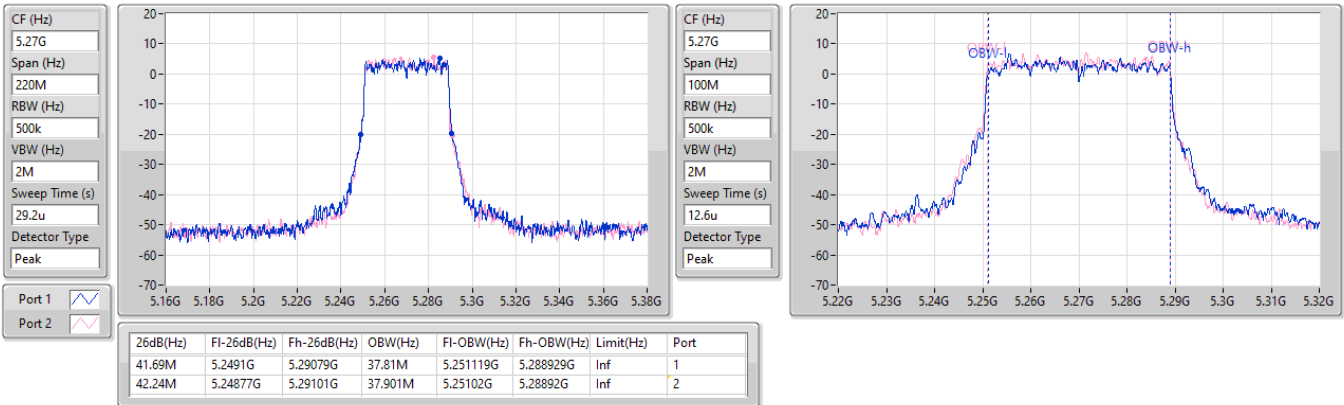


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

03/11/2025

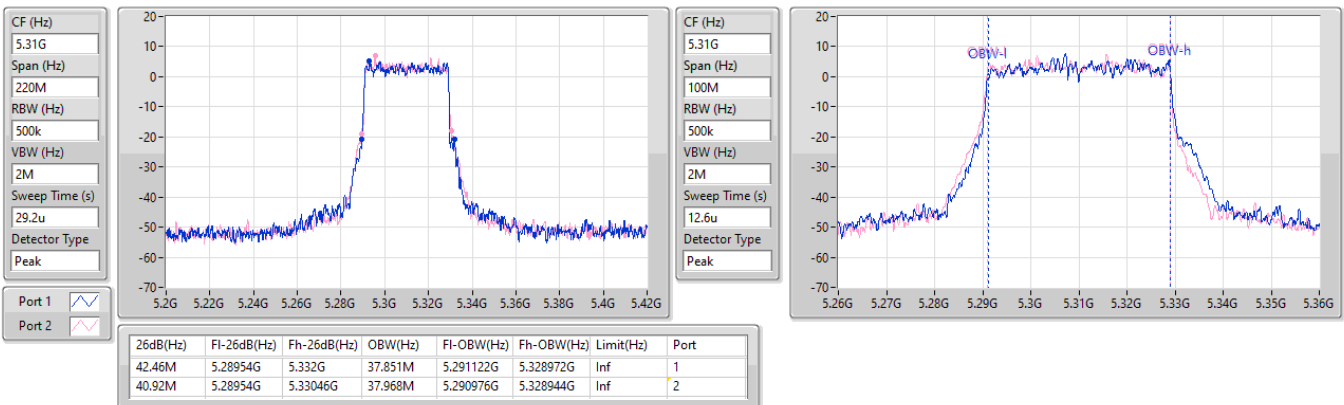


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

03/11/2025

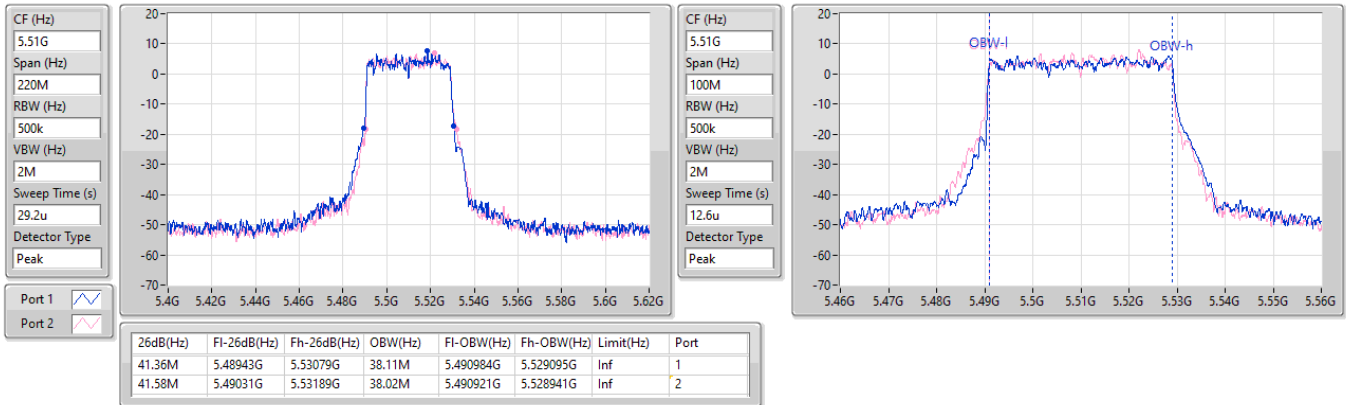


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

03/11/2025

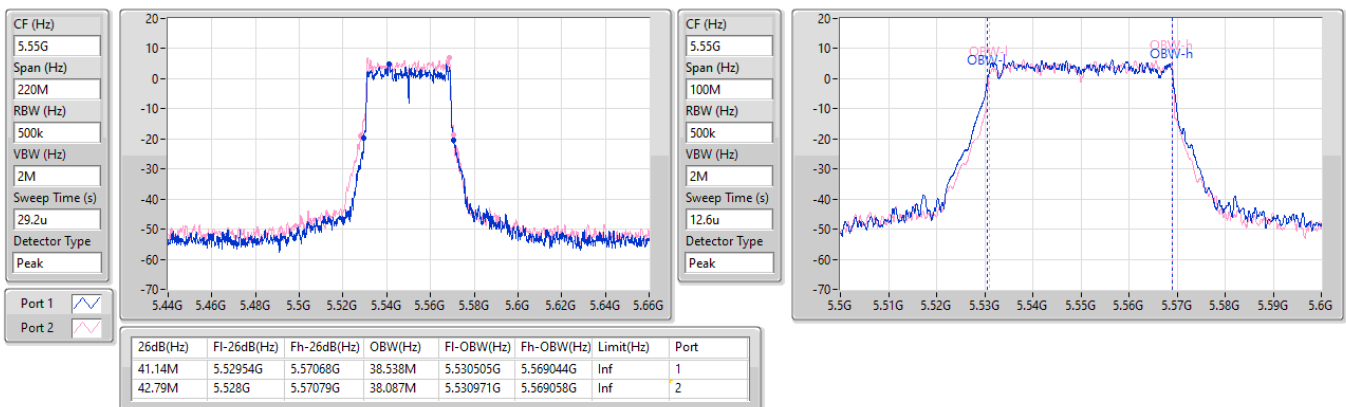


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

03/11/2025

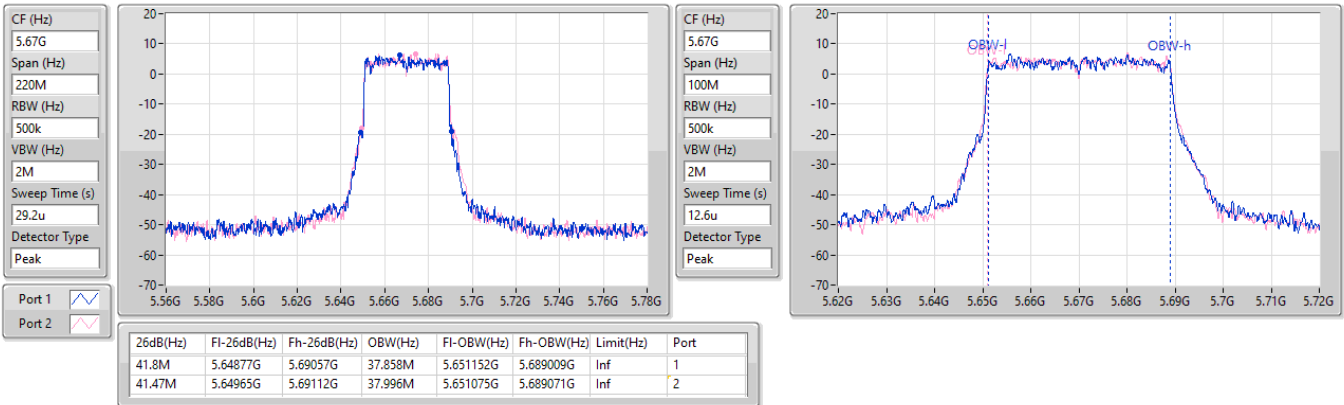


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

03/11/2025

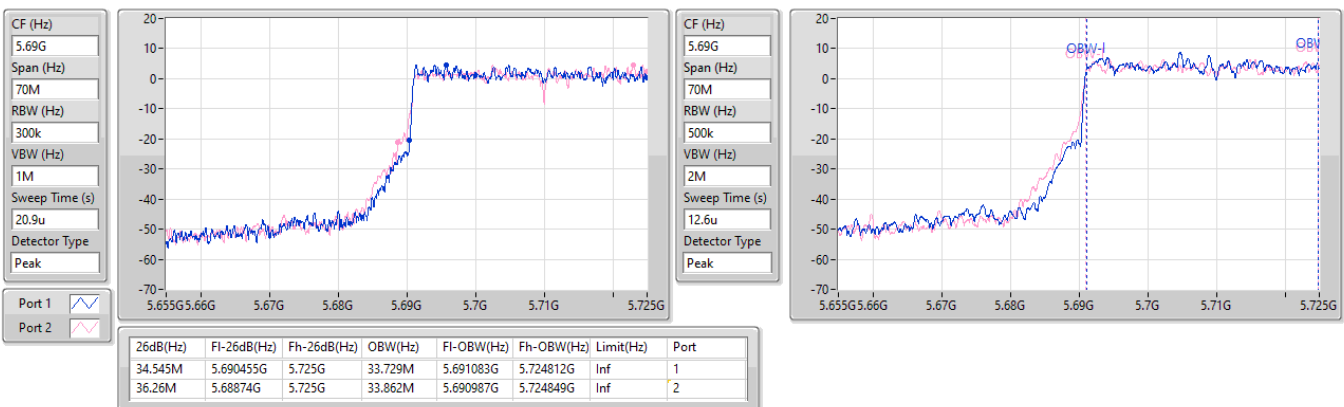


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

03/11/2025

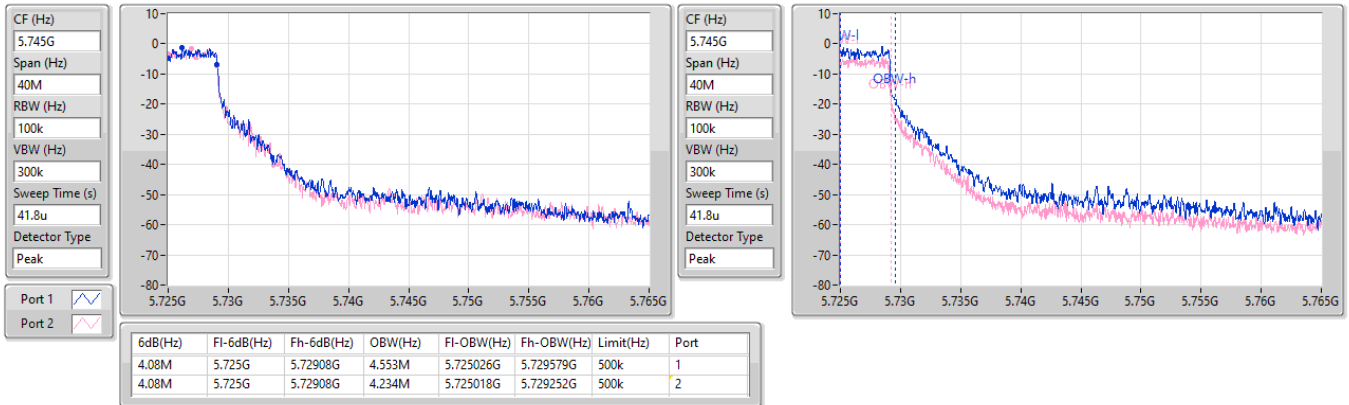


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/11/2025

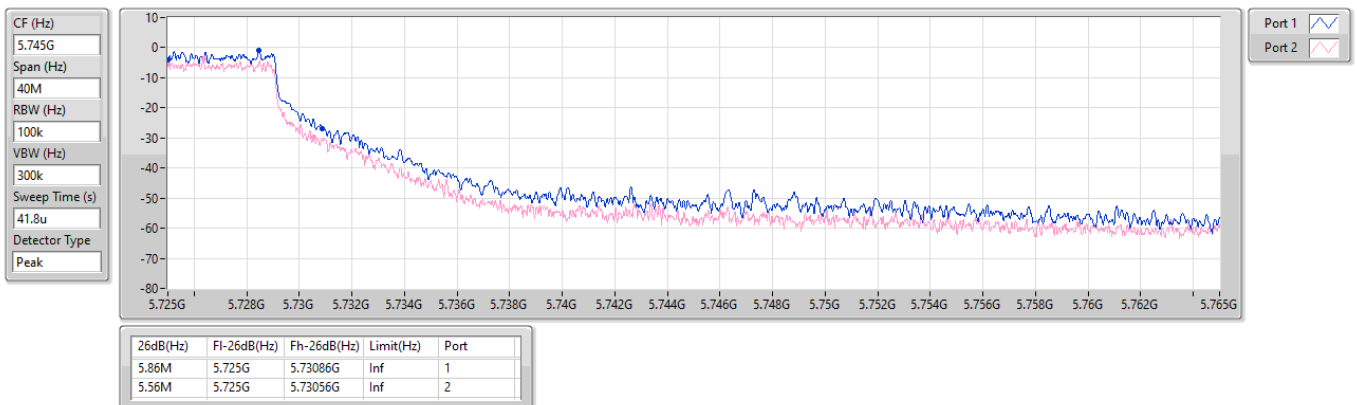


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/11/2025

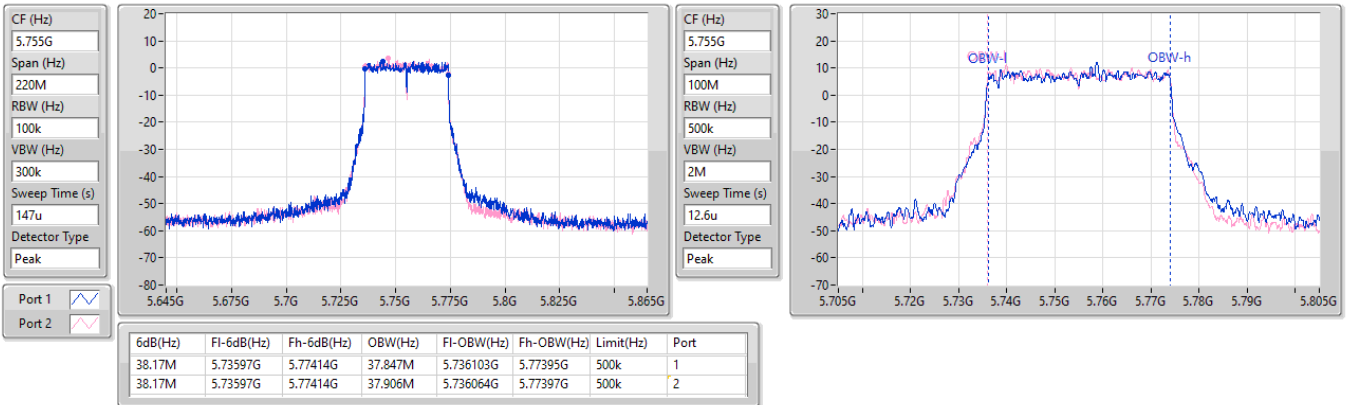


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

03/11/2025

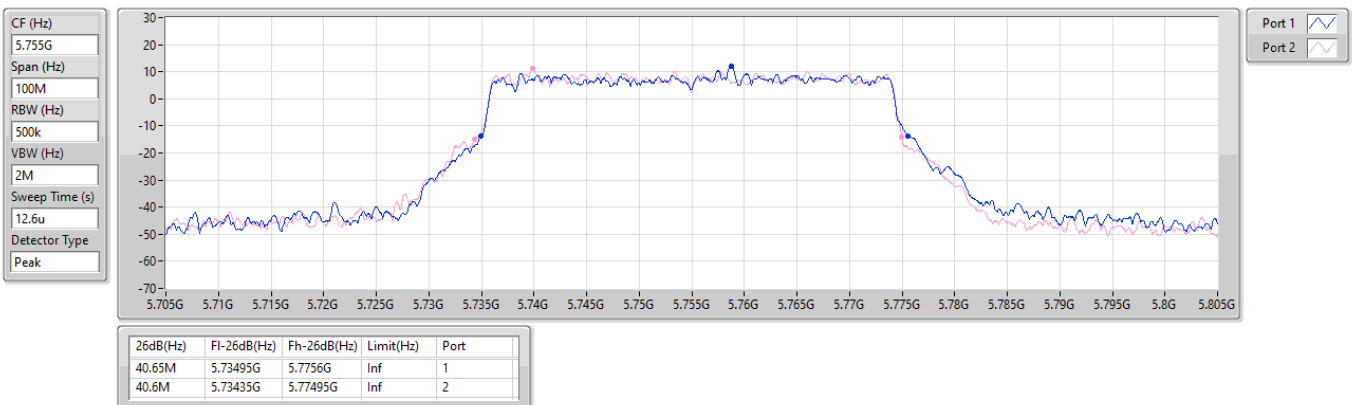


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

03/11/2025

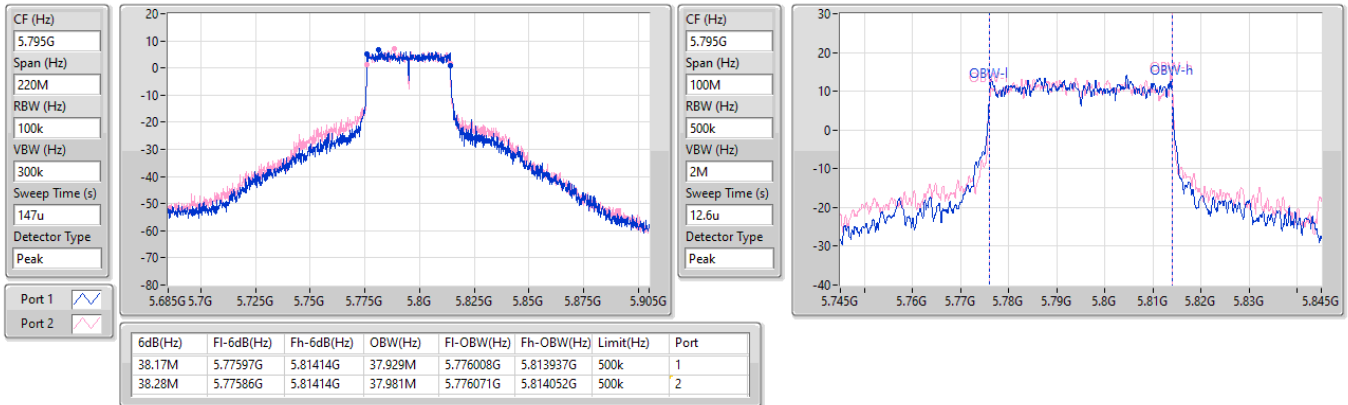


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

03/11/2025

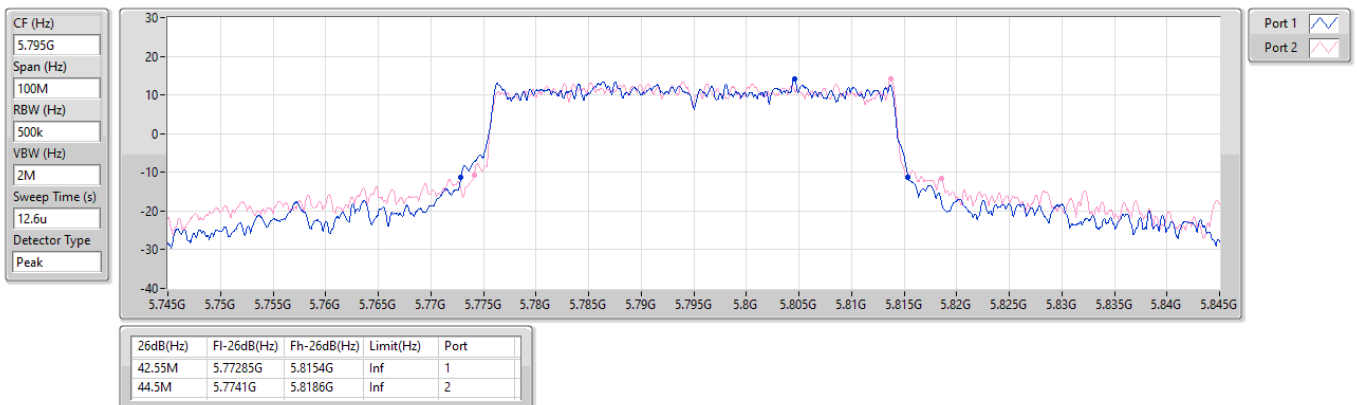


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

03/11/2025

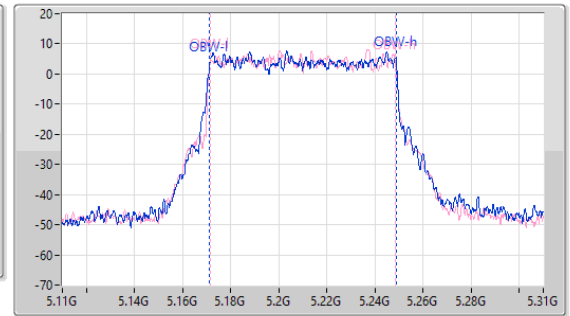
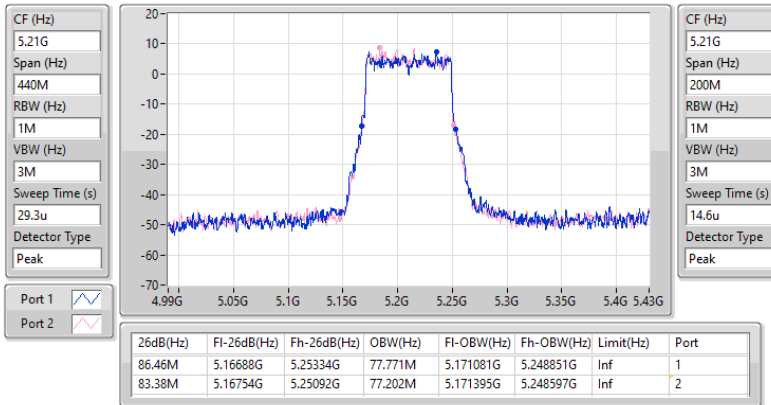


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

03/11/2025

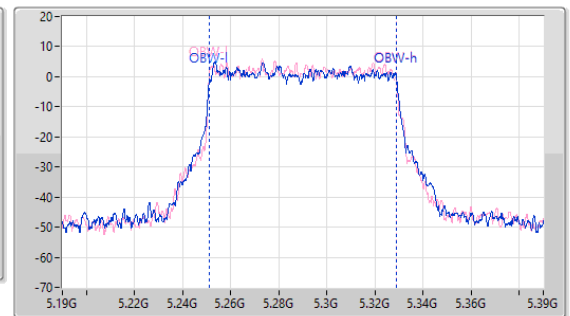
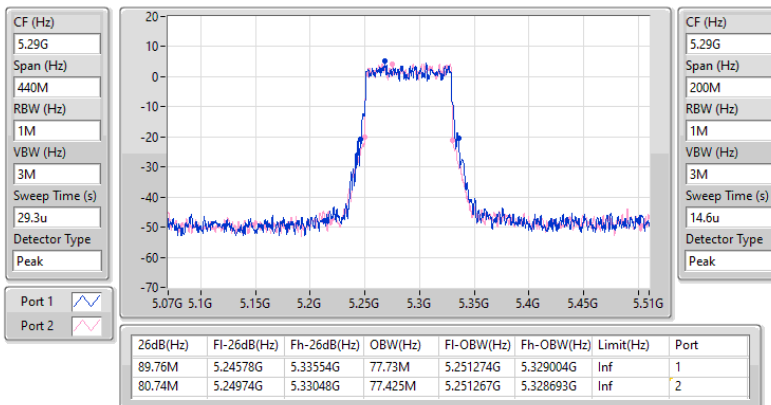


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

03/11/2025

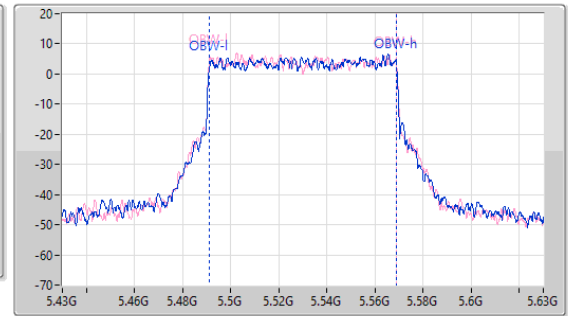
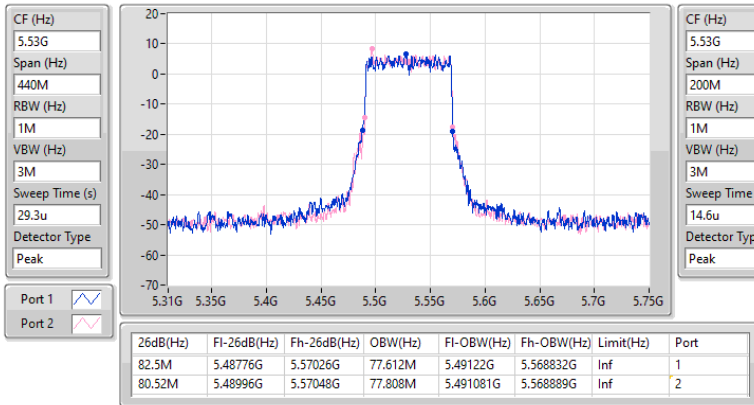


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

03/11/2025

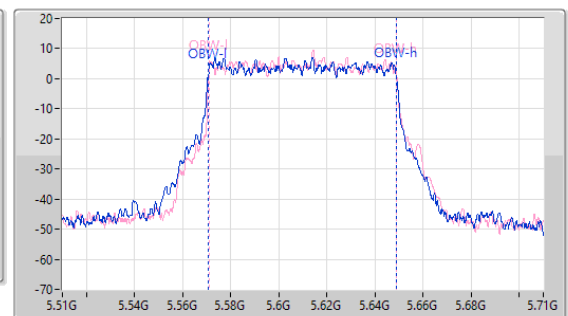
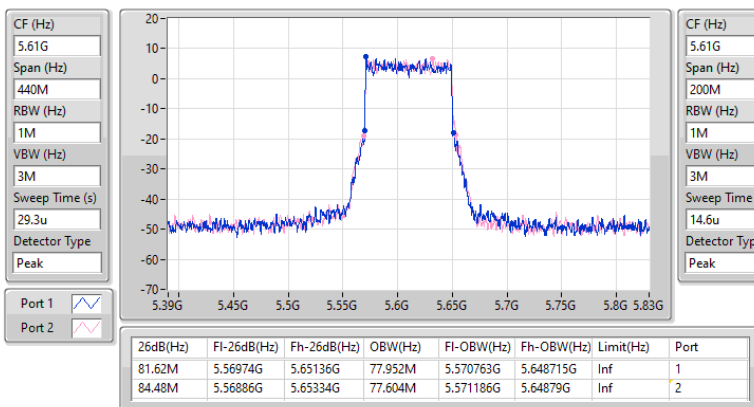


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

03/11/2025

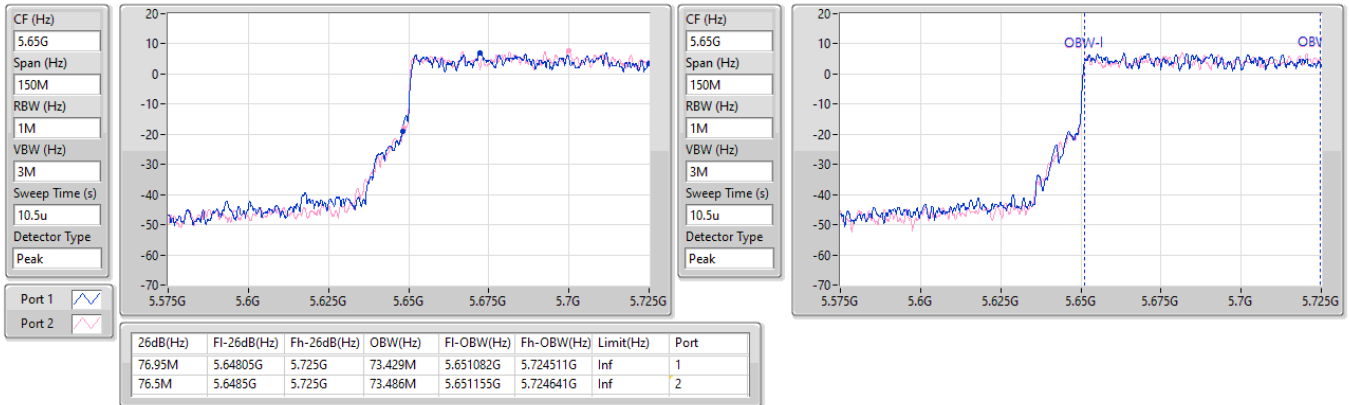


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

03/11/2025

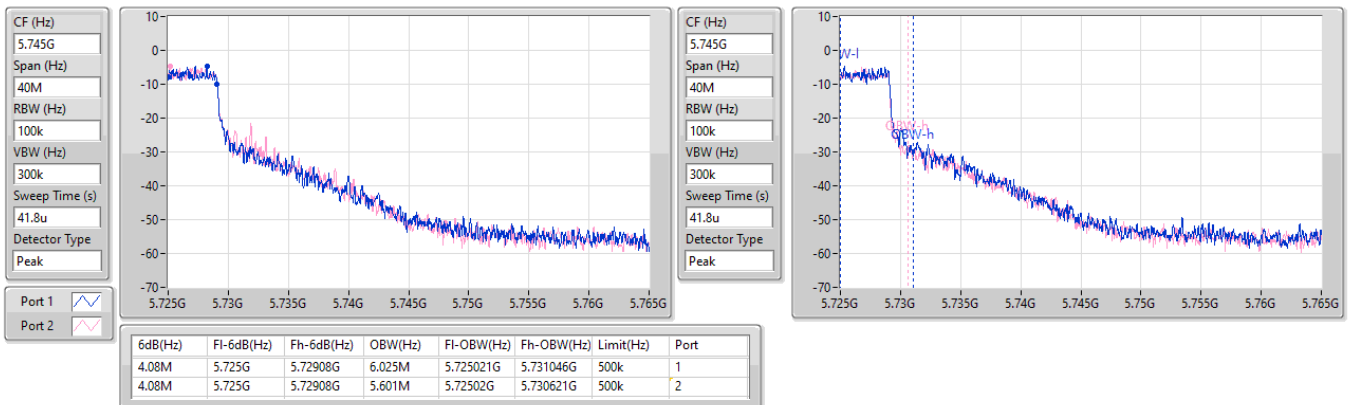


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/11/2025

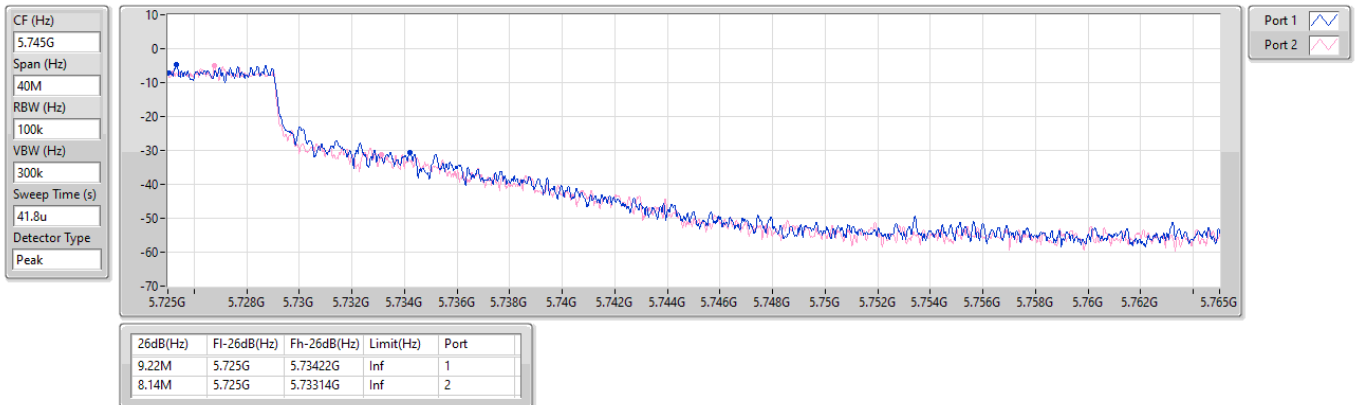


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/11/2025

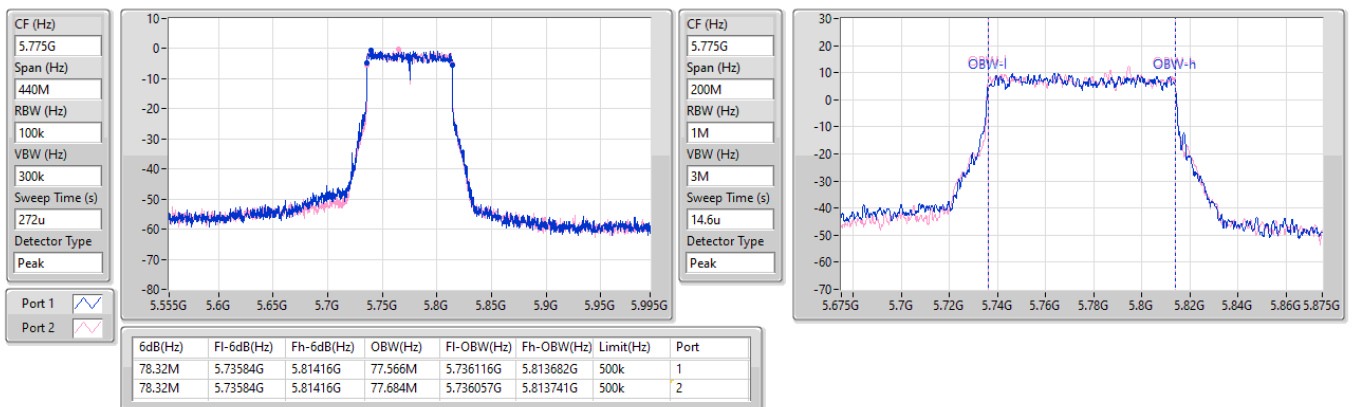


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

03/11/2025

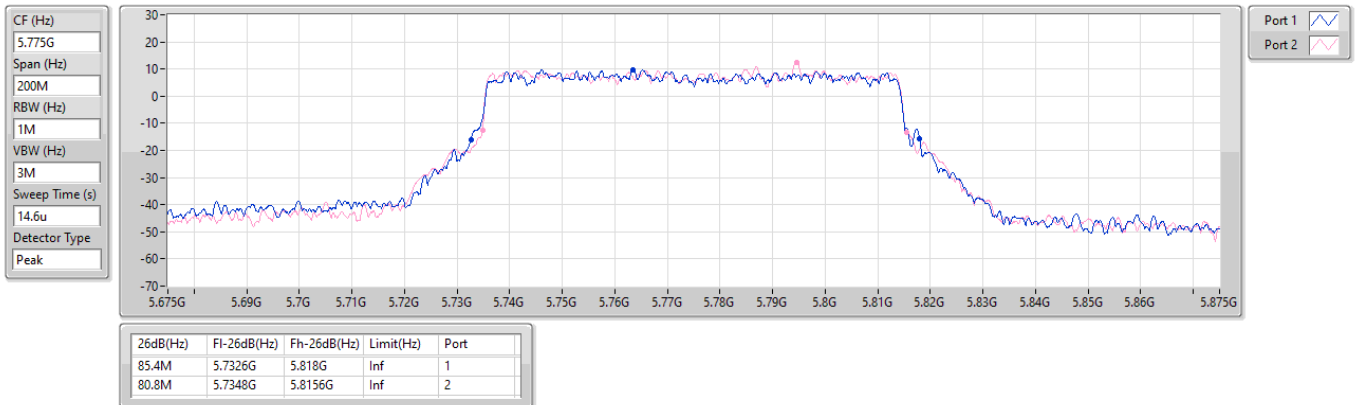


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

03/11/2025

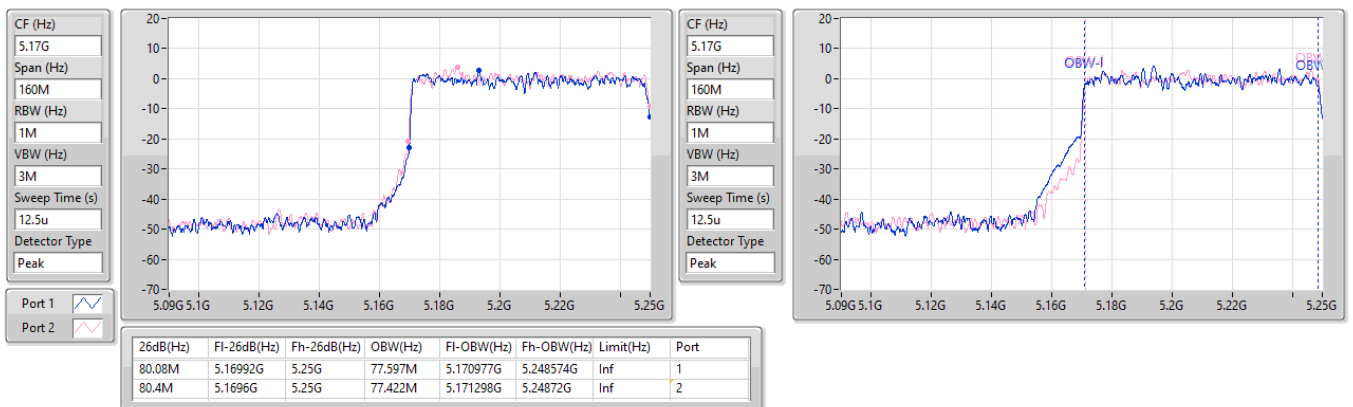


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/11/2025

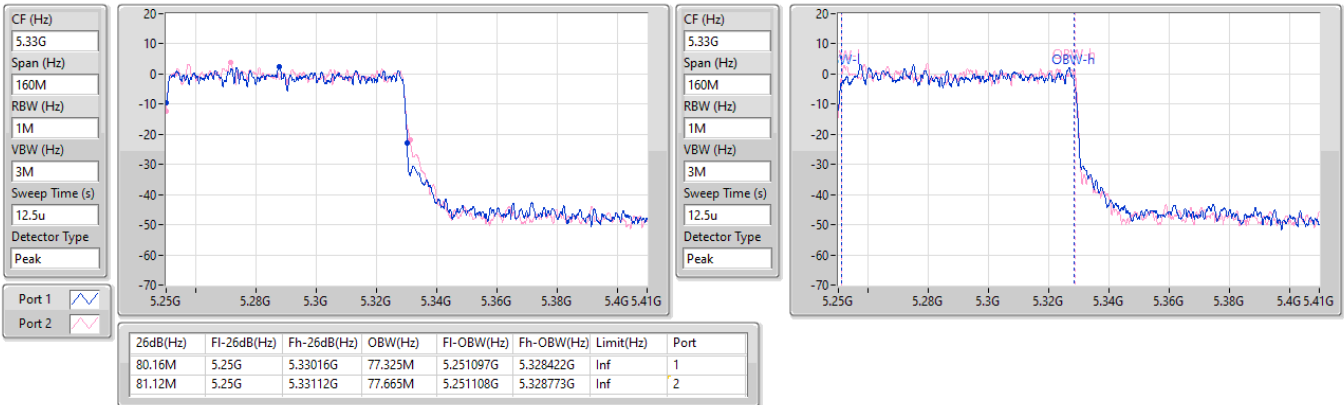


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/11/2025

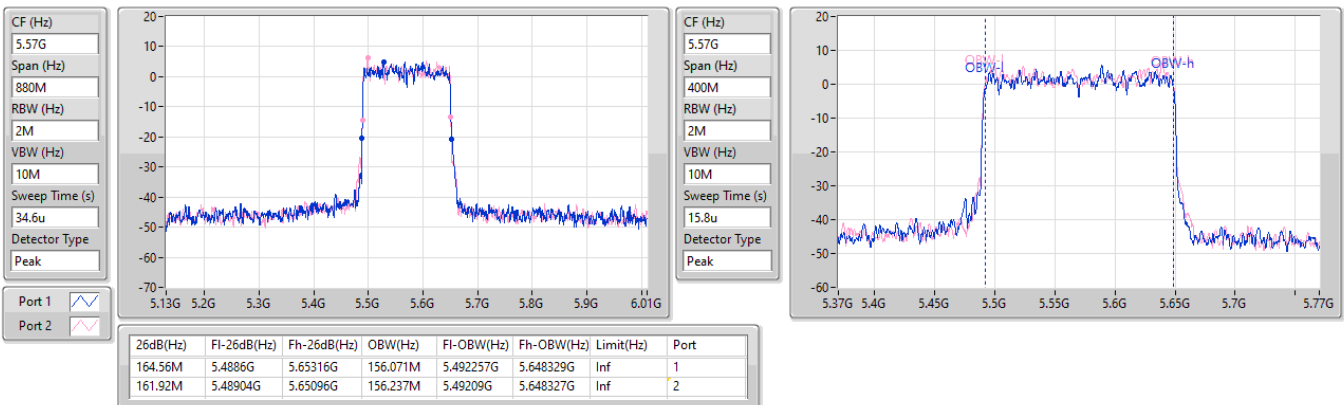


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

03/11/2025

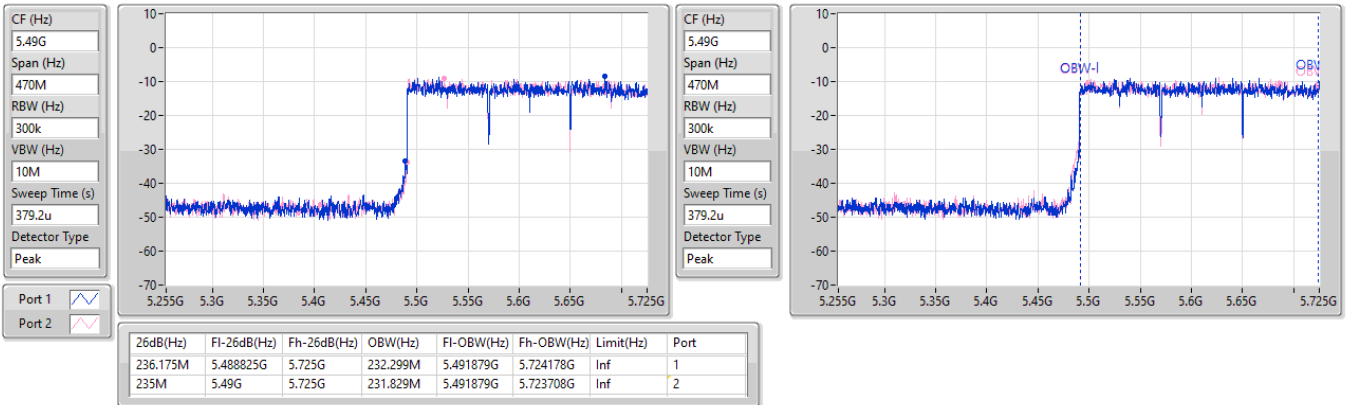


5.47-5.725GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

EBW

5610MHz Straddle 5.47-5.725GHz

17/11/2025

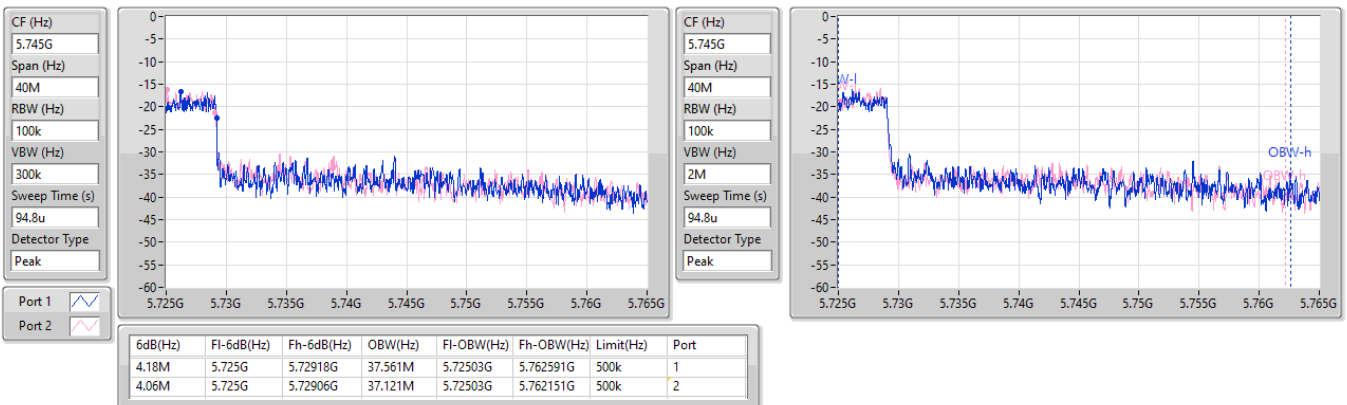


5.725-5.85GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

EBW

5610MHz Straddle 5.725-5.85GHz

17/11/2025

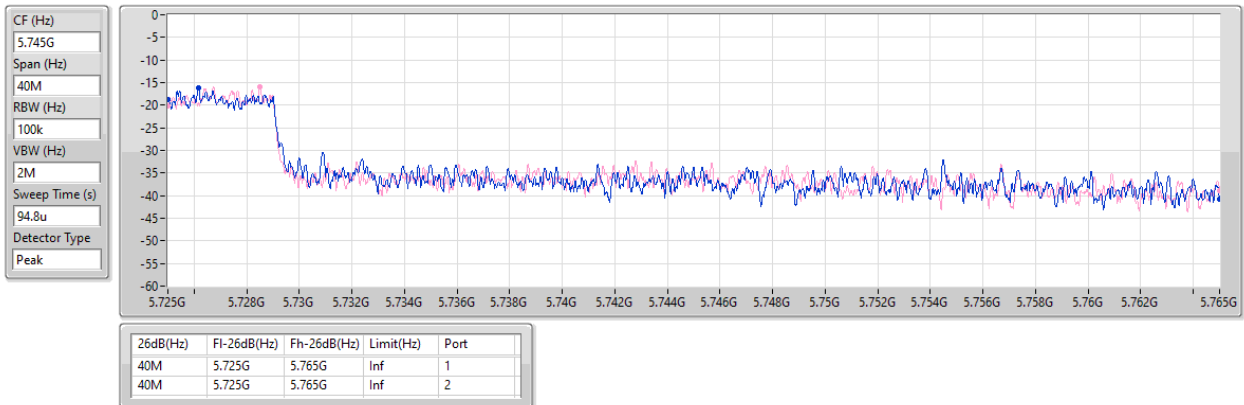


5.725-5.85GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

EBW

5610MHz Straddle 5.725-5.85GHz

17/11/2025



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)_2TX	21.065M	16.382M	16M4D1D	18.535M	16.307M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.79M	18.891M	18M9D1D	20.075M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.92M	37.643M	37M6D1D	39.6M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.74M	76.562M	76M6D1D	80.74M	76.462M
802.11ax HEW160_Nss1,(MCS0)_2TX	80.64M	77.481M	77M5D1D	80.08M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.8M	16.316M	16M3D1D	18.15M	16.272M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.01M	18.891M	18M9D1D	20.185M	18.841M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.93M	37.694M	37M7D1D	39.05M	37.486M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.4M	76.562M	76M6D1D	80.3M	76.562M
802.11ax HEW160_Nss1,(MCS0)_2TX	80.72M	77.561M	77M6D1D	80.64M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.735M	16.382M	16M4D1D	15.105M	13.148M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.56M	18.866M	18M9D1D	15.585M	14.393M
802.11ax HEW40_Nss1,(MCS0)_2TX	50.27M	37.808M	37M8D1D	34.965M	33.578M
802.11ax HEW80_Nss1,(MCS0)_2TX	94.725M	77.165M	77M2D1D	75.825M	72.727M
802.11ax HEW160_Nss1,(MCS0)_2TX	162.8M	155.122M	155MD1D	161.92M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.005M	16.648M	16M6D1D	3.1M	4.318M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.7M	18.994M	19M0D1D	4.52M	5.137M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.74M	37.92M	37M9D1D	4.04M	18.403M
802.11ax HEW80_Nss1,(MCS0)_2TX	67.1M	77.661M	77M7D1D	4.02M	30.856M

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)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.535M	16.338M	18.7M	16.316M
5200MHz	Pass	Inf	21.065M	16.307M	18.865M	16.346M
5240MHz	Pass	Inf	20.35M	16.382M	19.8M	16.351M
5260MHz	Pass	Inf	19.8M	16.316M	18.92M	16.294M
5300MHz	Pass	Inf	18.59M	16.272M	18.15M	16.316M
5320MHz	Pass	Inf	19.14M	16.294M	18.48M	16.272M
5500MHz	Pass	Inf	19.91M	16.338M	19.58M	16.316M
5580MHz	Pass	Inf	19.525M	16.382M	20.02M	16.316M
5700MHz	Pass	Inf	20.735M	16.382M	20.13M	16.316M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.51M	13.163M	15.105M	13.148M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	5.937M	3.2M	4.318M
5745MHz	Pass	500k	16.005M	16.648M	15.895M	16.488M
5785MHz	Pass	500k	11M	16.604M	15.895M	16.458M
5825MHz	Pass	500k	16.005M	16.553M	14.85M	16.467M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.295M	18.891M	20.57M	18.791M
5200MHz	Pass	Inf	20.295M	18.869M	20.075M	18.844M
5240MHz	Pass	Inf	20.79M	18.824M	20.46M	18.888M
5260MHz	Pass	Inf	20.515M	18.891M	20.185M	18.841M
5300MHz	Pass	Inf	20.79M	18.841M	20.515M	18.866M
5320MHz	Pass	Inf	21.01M	18.841M	20.35M	18.866M
5500MHz	Pass	Inf	20.57M	18.841M	20.185M	18.866M
5580MHz	Pass	Inf	21.56M	18.866M	20.02M	18.841M
5700MHz	Pass	Inf	21.01M	18.866M	20.185M	18.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.74M	14.393M	15.585M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	7.516M	4.52M	5.137M
5745MHz	Pass	500k	17.325M	18.976M	18.7M	18.965M
5785MHz	Pass	500k	18.15M	18.994M	18.205M	18.964M
5825MHz	Pass	500k	17.82M	18.943M	18.645M	18.918M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.6M	37.481M	39.82M	37.481M
5230MHz	Pass	Inf	40.15M	37.643M	40.92M	37.54M
5270MHz	Pass	Inf	39.93M	37.694M	39.05M	37.486M
5310MHz	Pass	Inf	39.16M	37.581M	39.16M	37.531M
5510MHz	Pass	Inf	40.04M	37.481M	39.82M	37.431M
5550MHz	Pass	Inf	50.27M	37.693M	39.49M	37.808M
5670MHz	Pass	Inf	40.04M	37.731M	40.7M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	40.495M	33.712M	34.965M	33.578M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	23.005M	4.04M	18.403M
5755MHz	Pass	500k	35.75M	37.92M	28.82M	37.771M
5795MHz	Pass	500k	26.29M	37.878M	36.74M	37.866M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.74M	76.462M	80.74M	76.562M
5290MHz	Pass	Inf	80.3M	76.562M	81.4M	76.562M
5530MHz	Pass	Inf	80.3M	76.562M	80.96M	76.662M
5610MHz	Pass	Inf	88M	77.165M	80.96M	76.844M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	94.725M	72.928M	75.825M	72.727M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	34.968M	4.06M	30.856M
5775MHz	Pass	500k	67.1M	77.661M	56.32M	77.061M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.481M	80.08M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.72M	77.561M	80.64M	77.481M
5570MHz	Pass	Inf	162.8M	155.122M	161.92M	154.923M

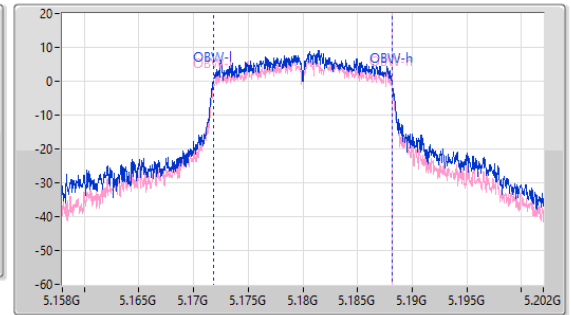
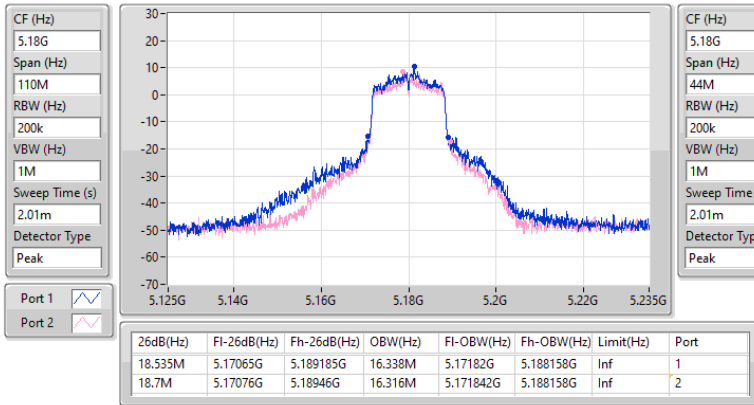
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

20/12/2025

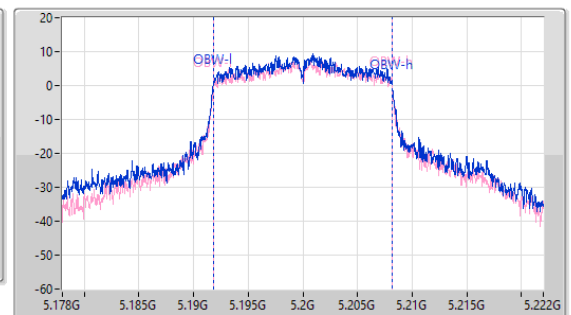
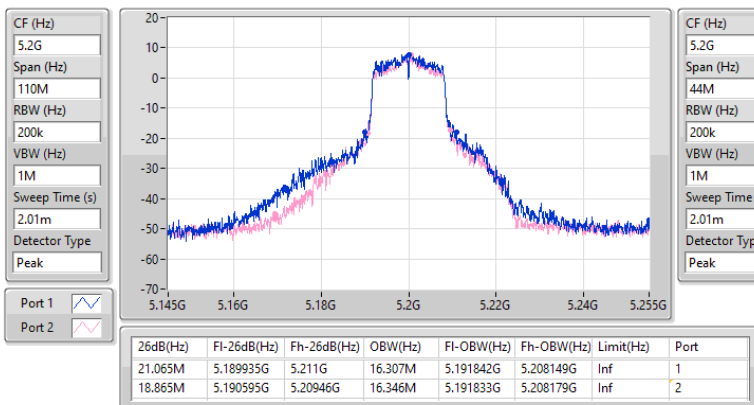


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

31/12/2025

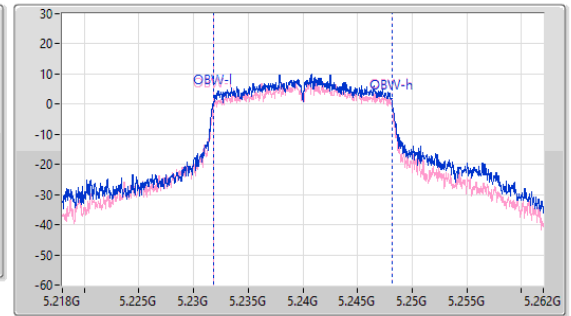
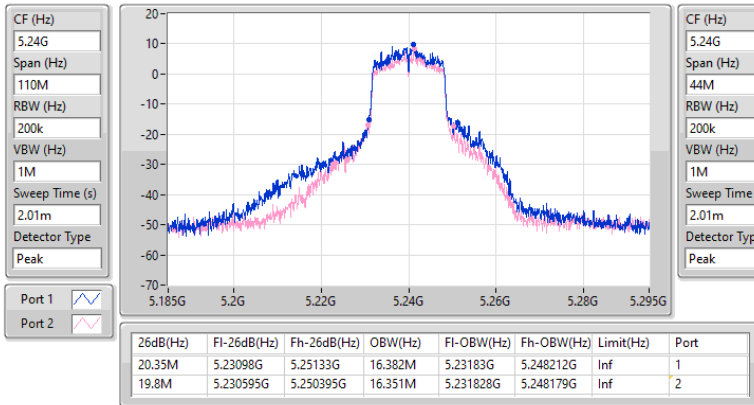


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

31/12/2025

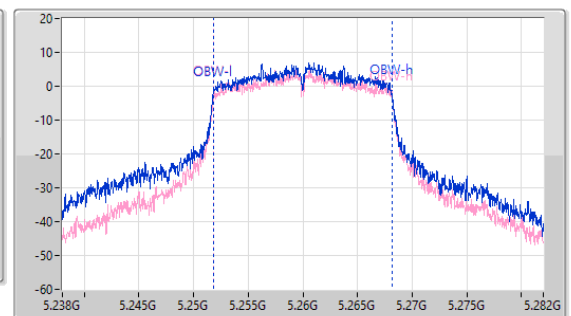
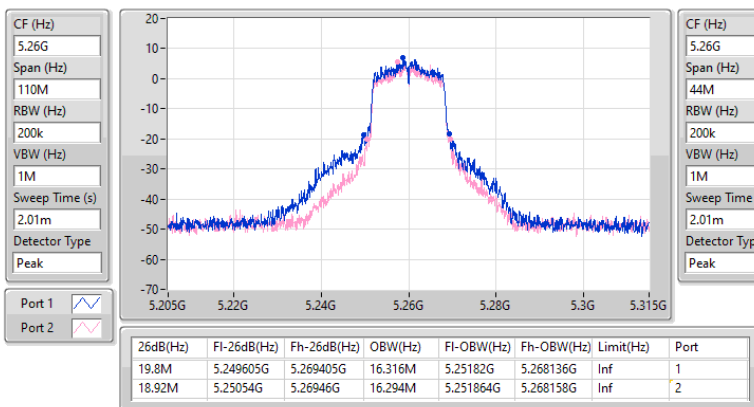


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

20/12/2025

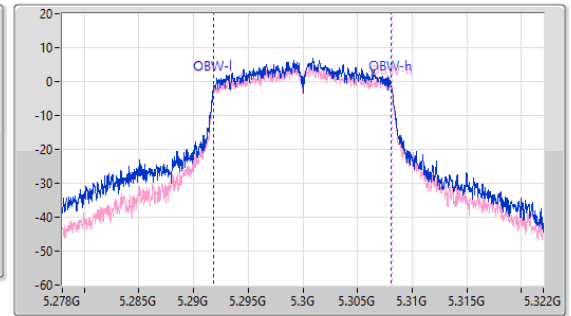
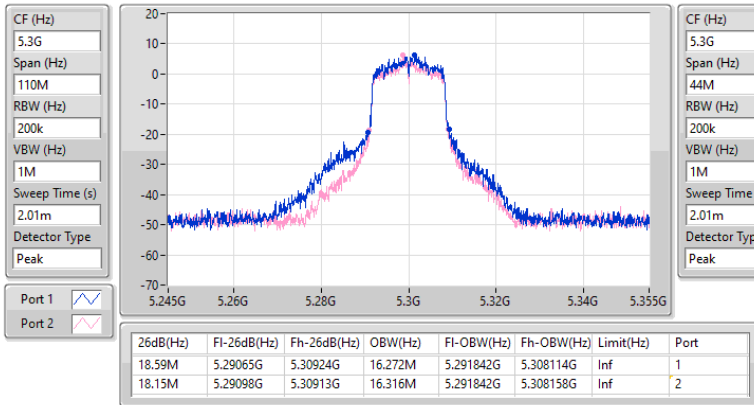


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

20/12/2025

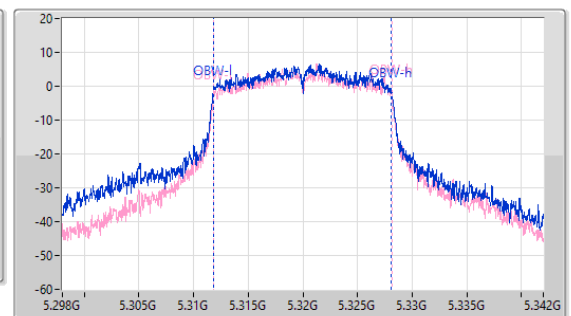
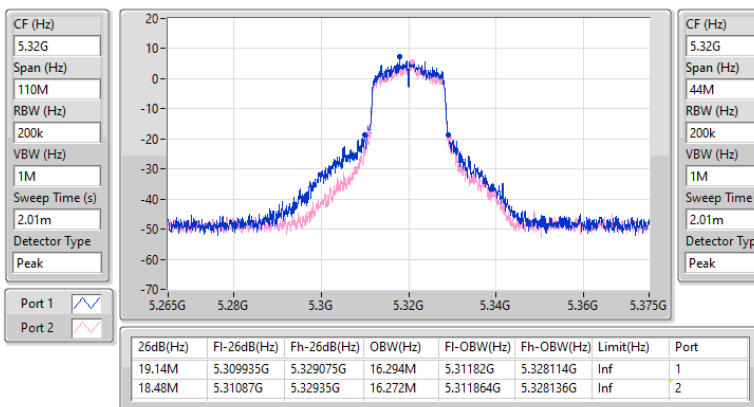


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

20/12/2025

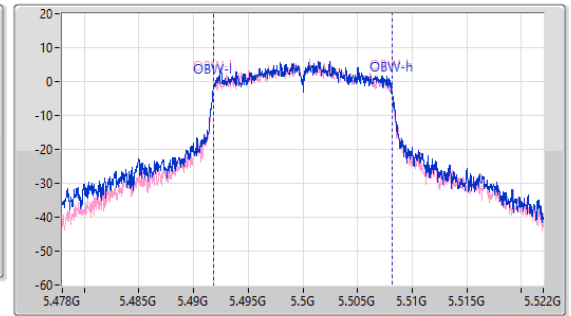
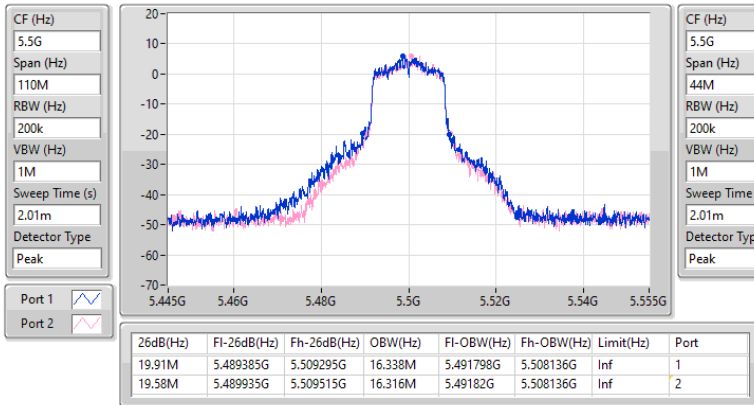


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

20/12/2025

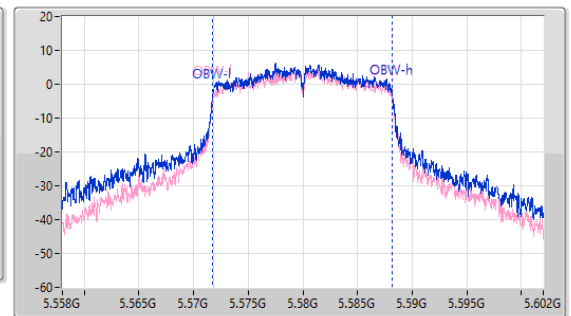
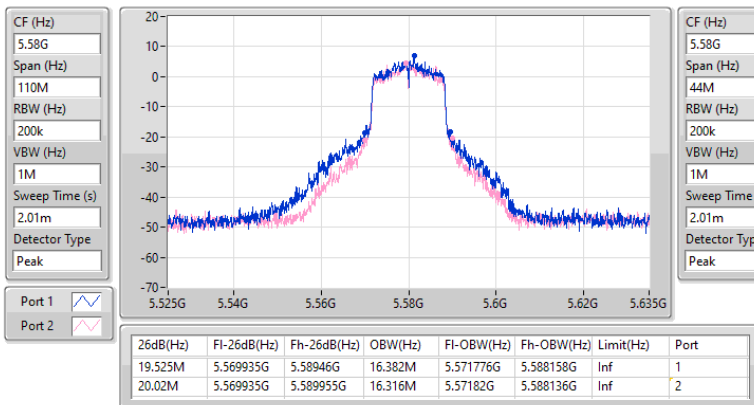


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

20/12/2025

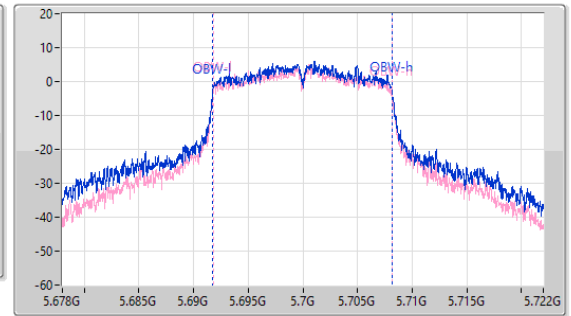
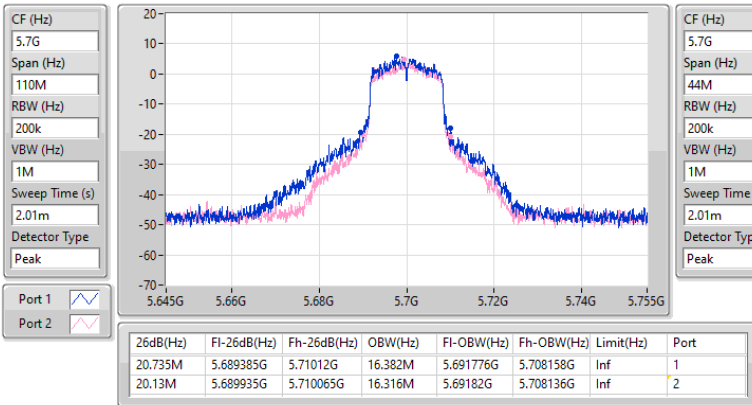


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

20/12/2025

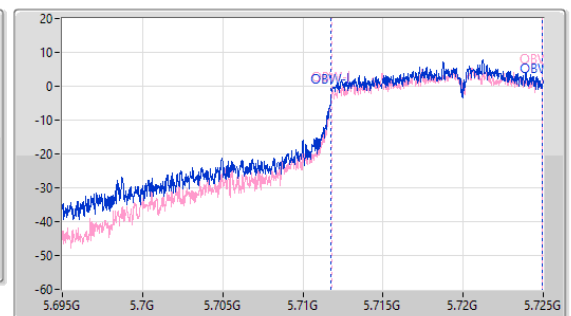
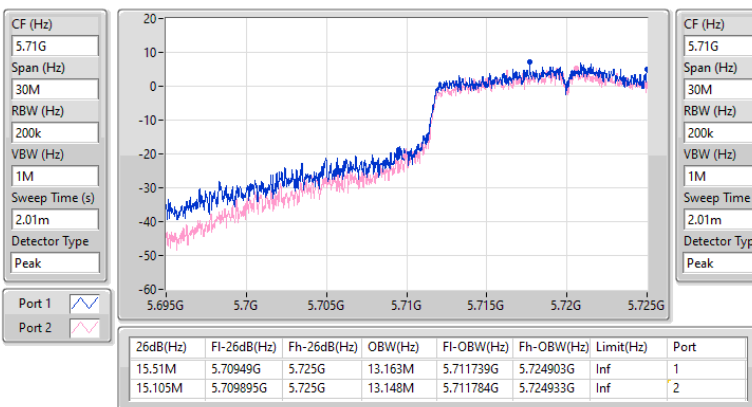


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

20/12/2025

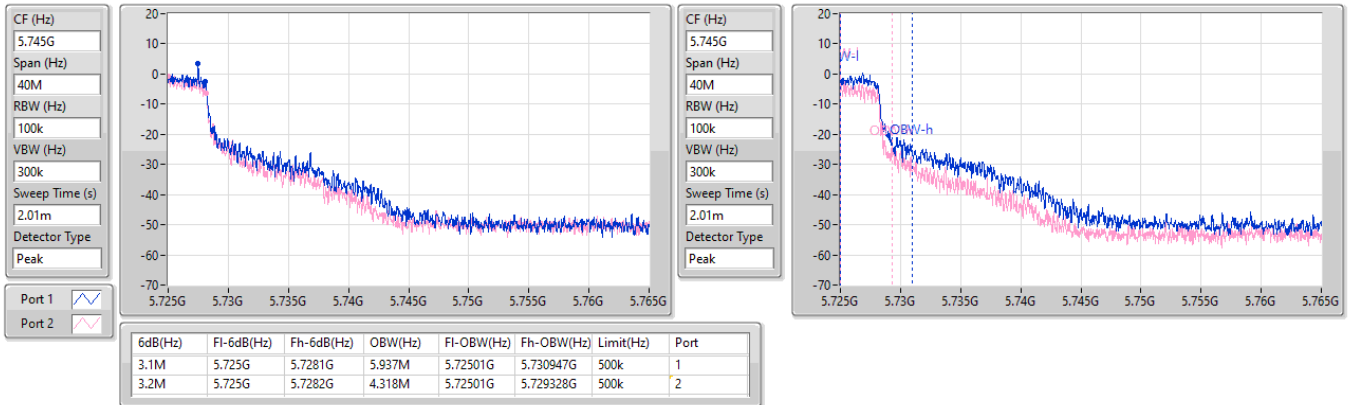


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/12/2025

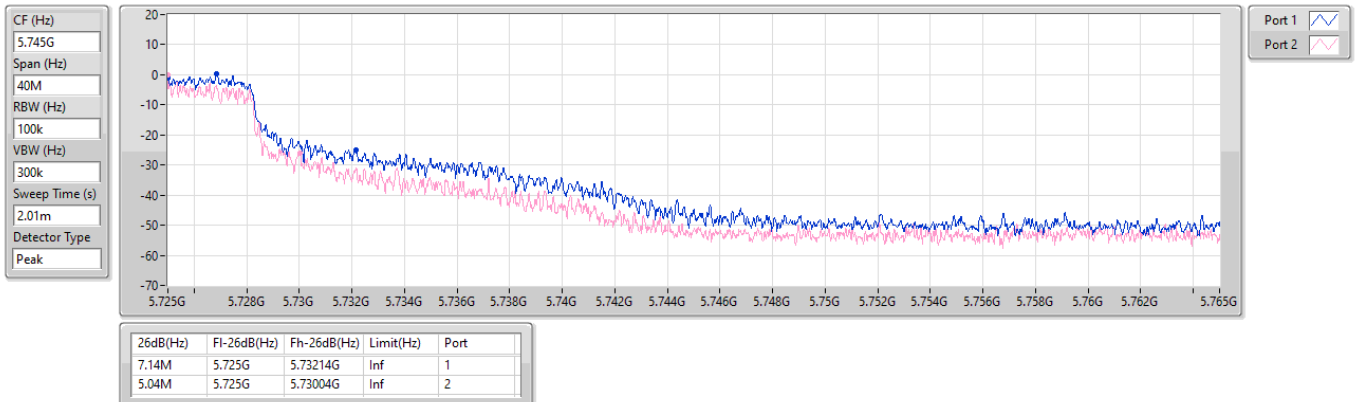


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/12/2025

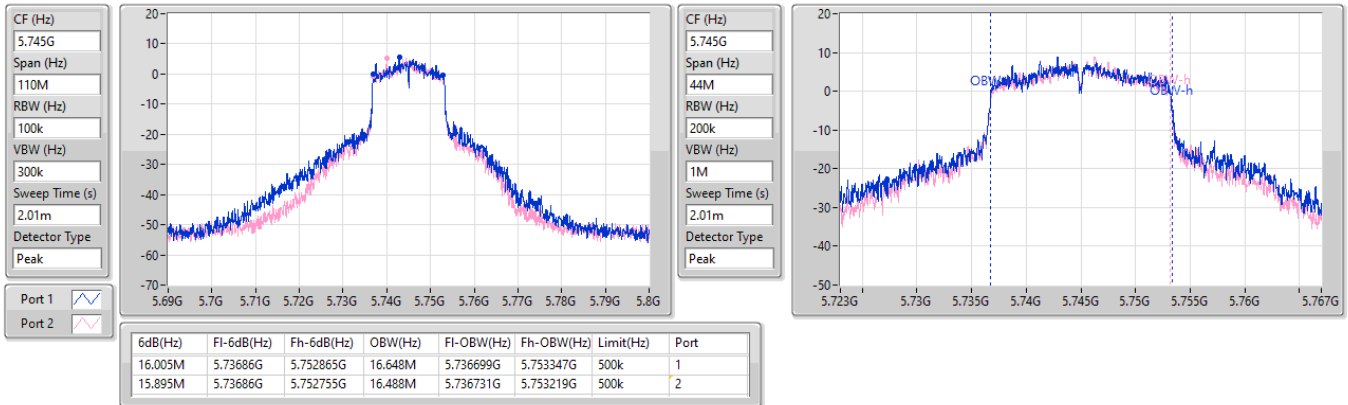


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

31/12/2025

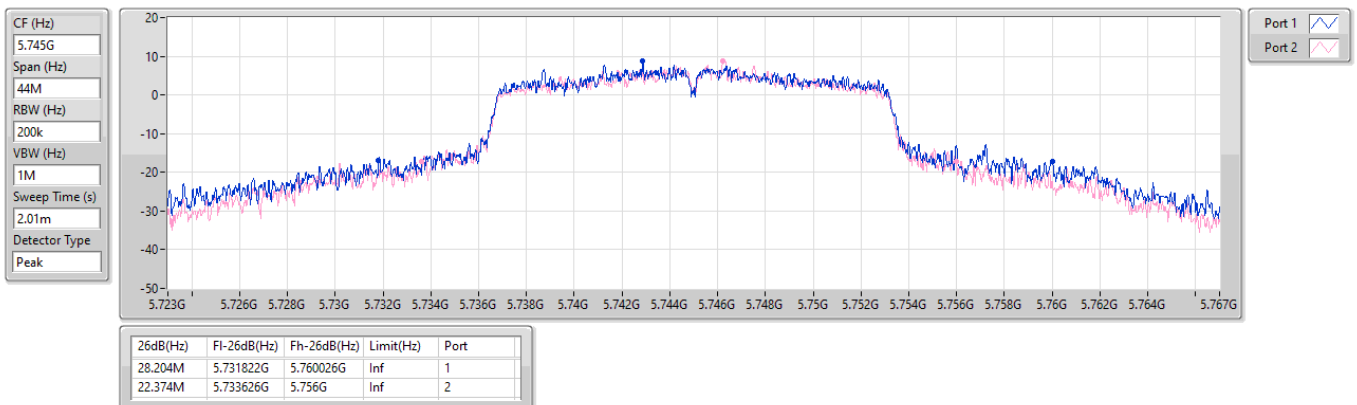


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

31/12/2025

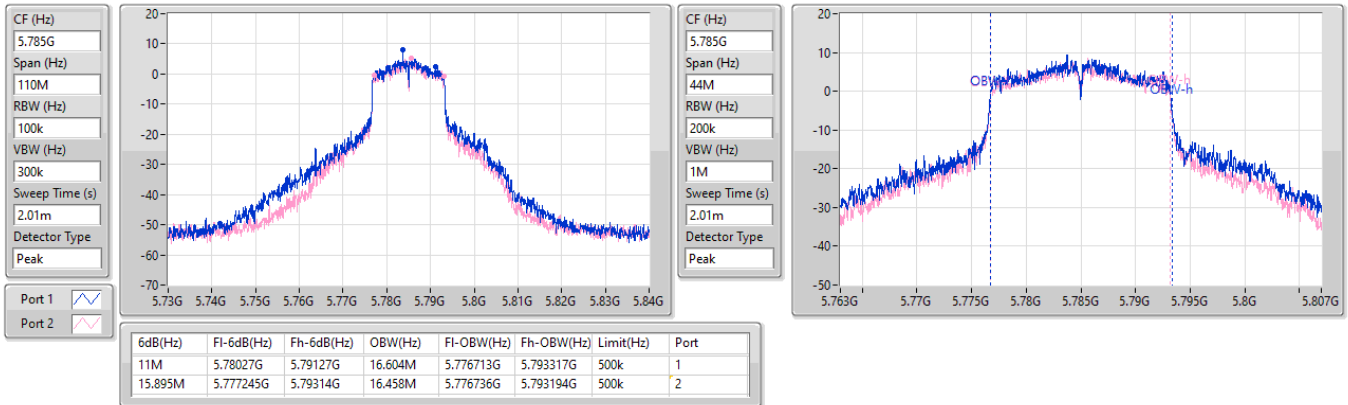


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

31/12/2025

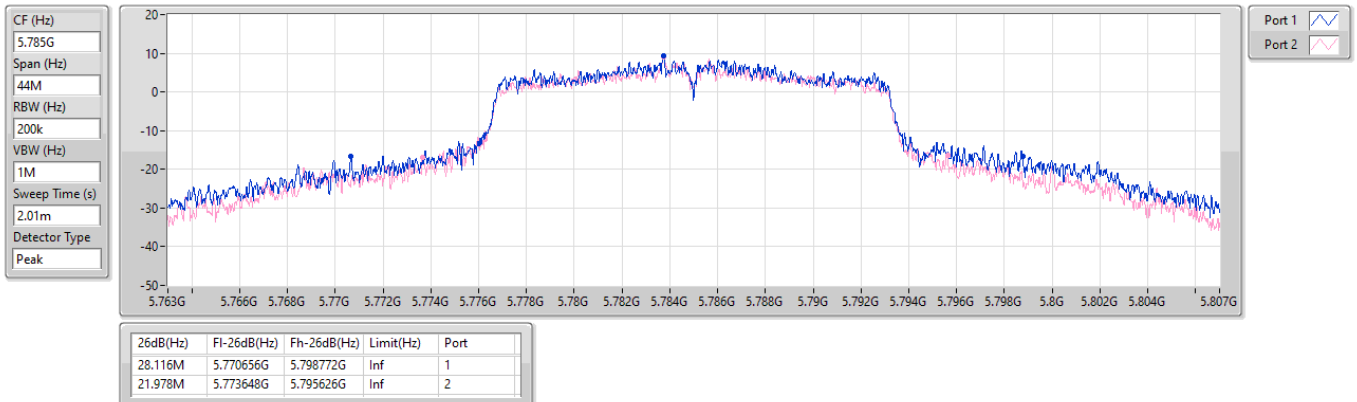


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

31/12/2025

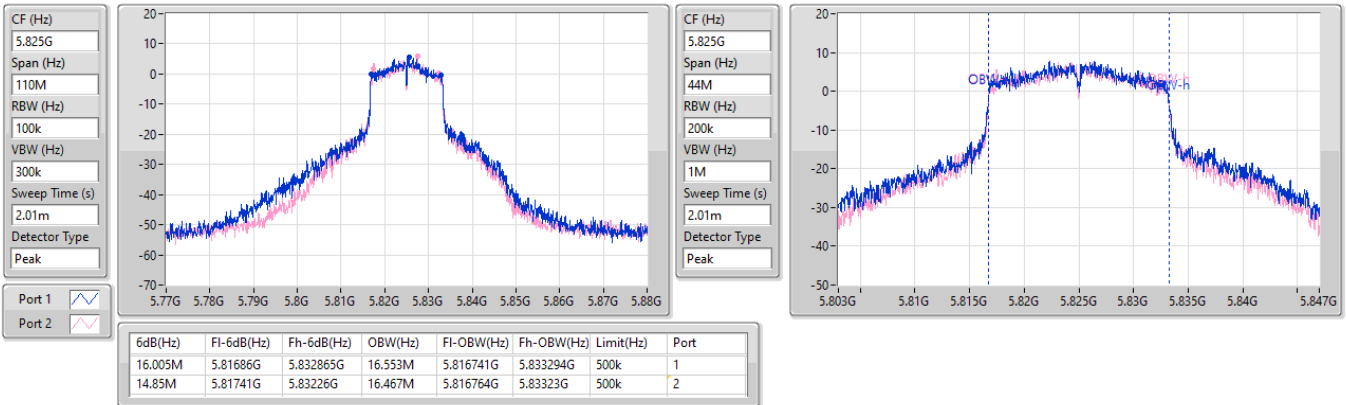


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

31/12/2025

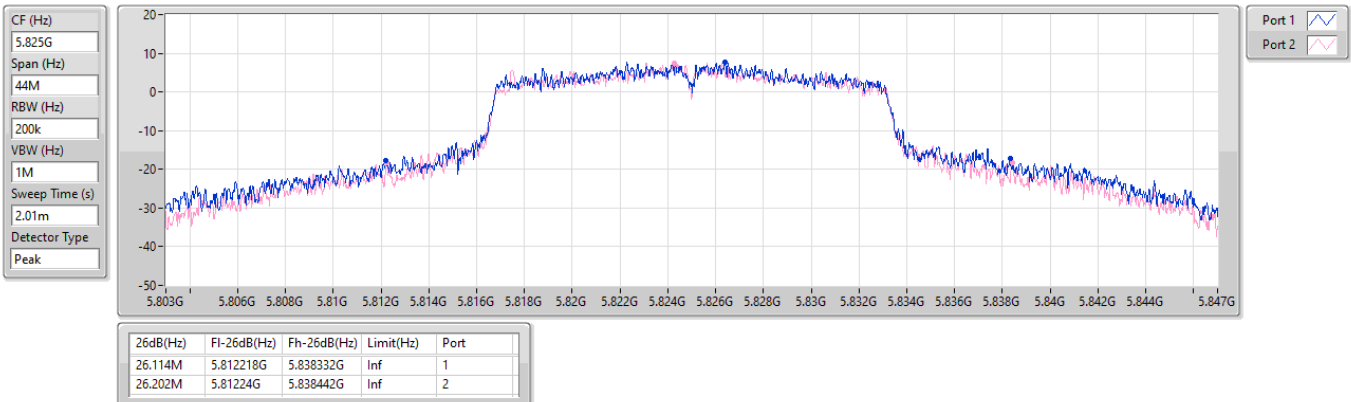


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

31/12/2025

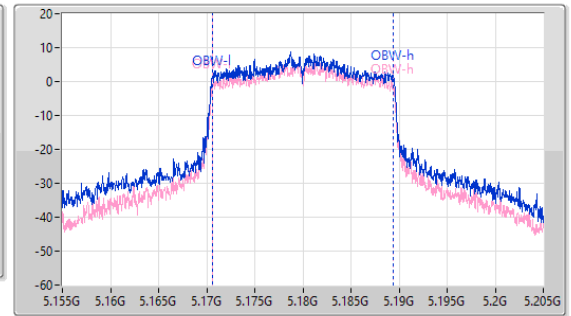
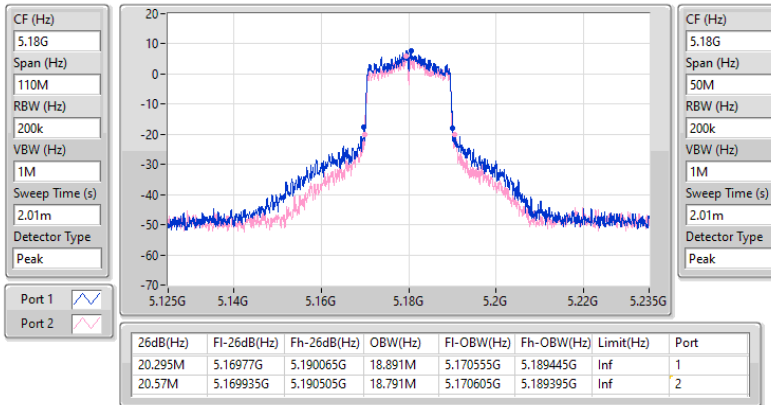


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

20/12/2025

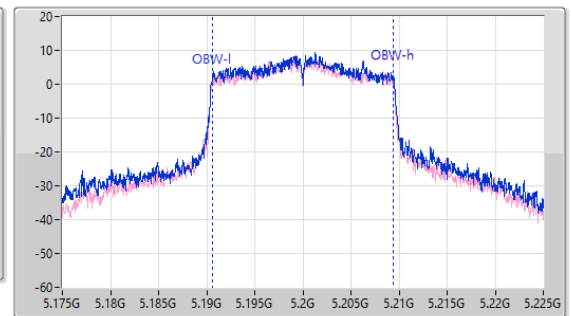
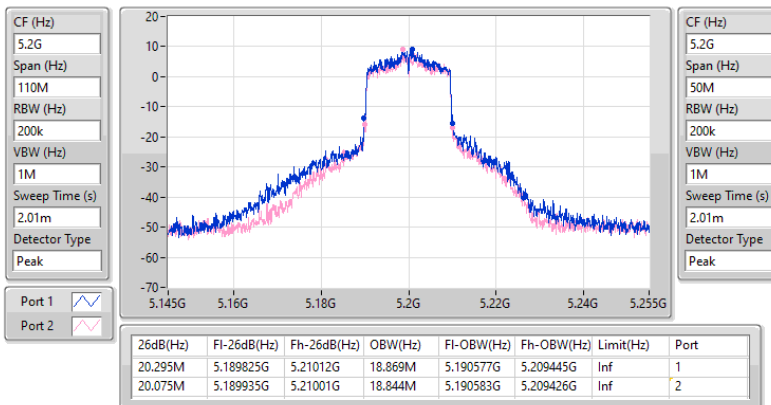


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

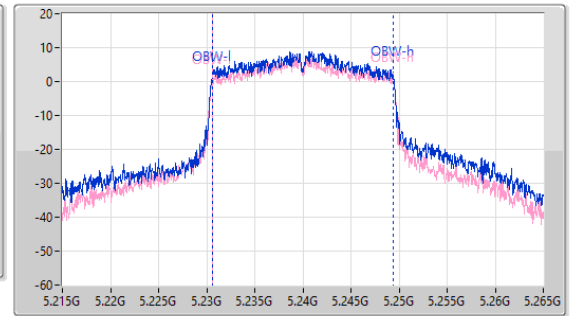
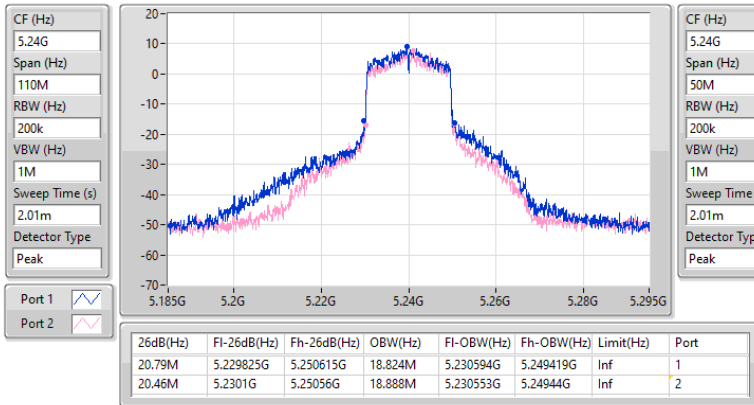
5200MHz

31/12/2025

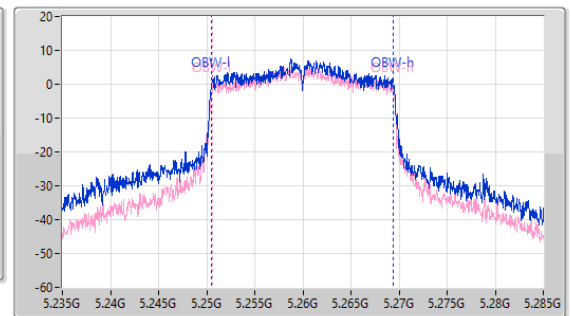
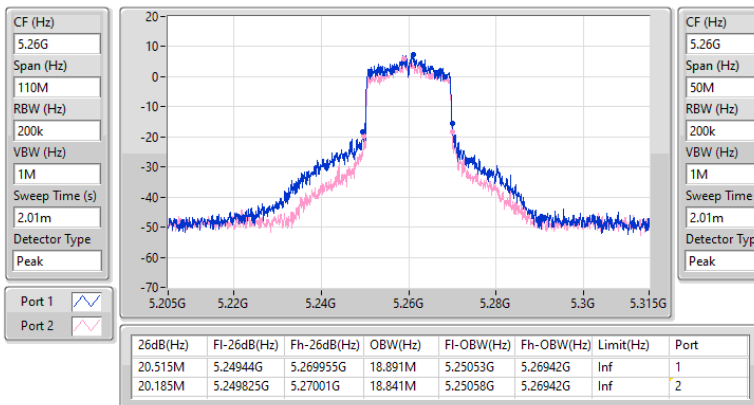


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

31/12/2025


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

20/12/2025

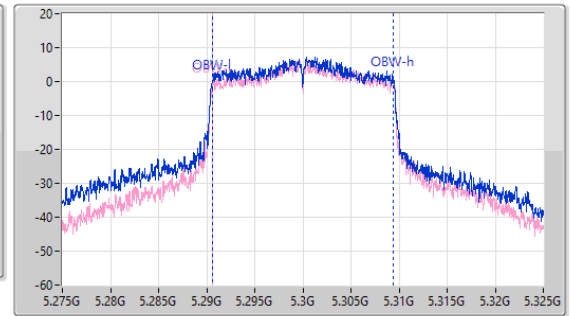
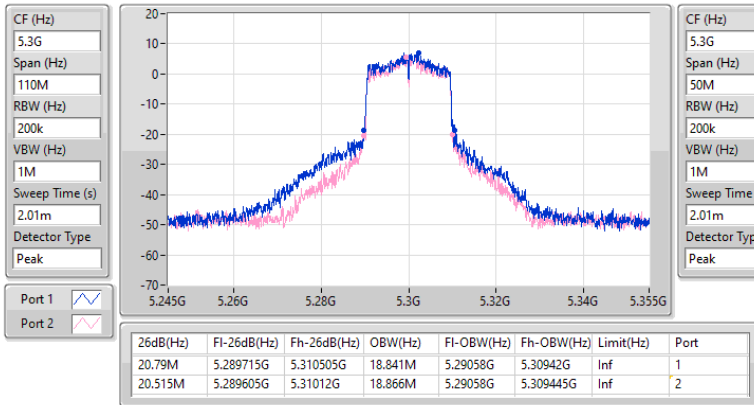


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

20/12/2025

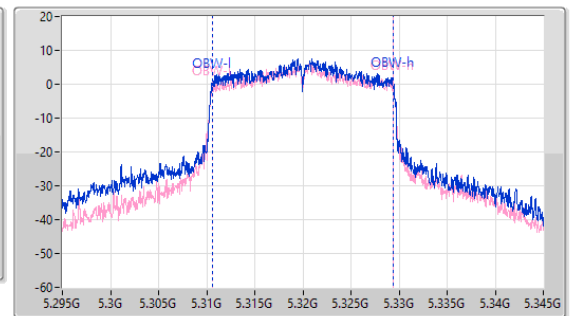
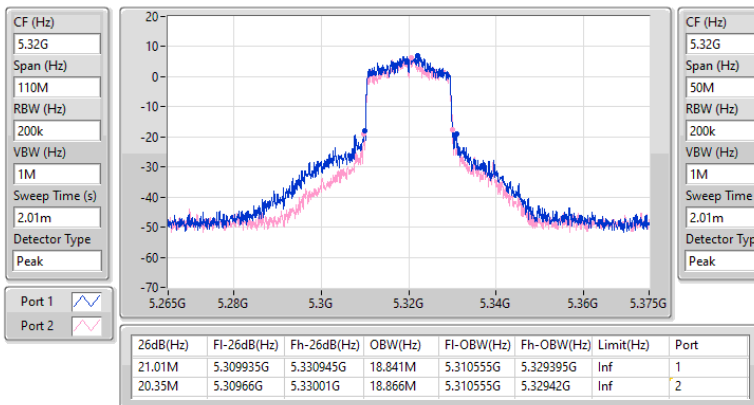


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

20/12/2025

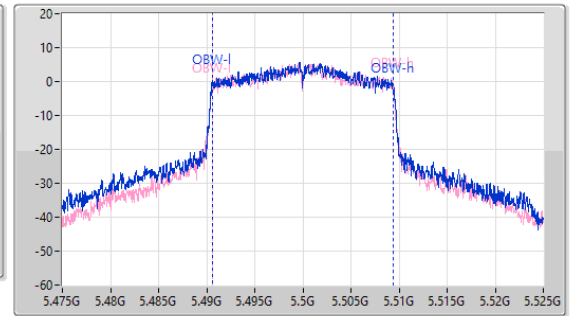
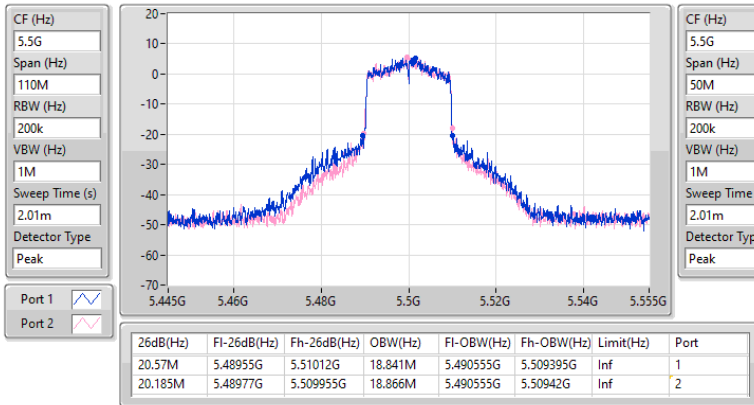


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

20/12/2025

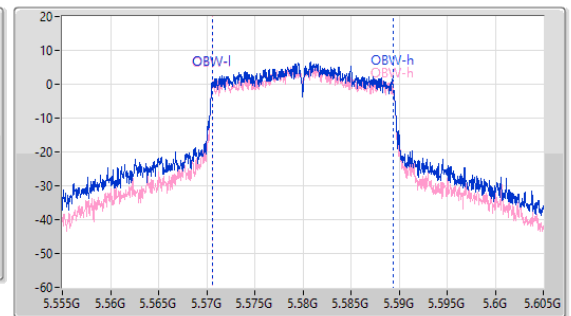
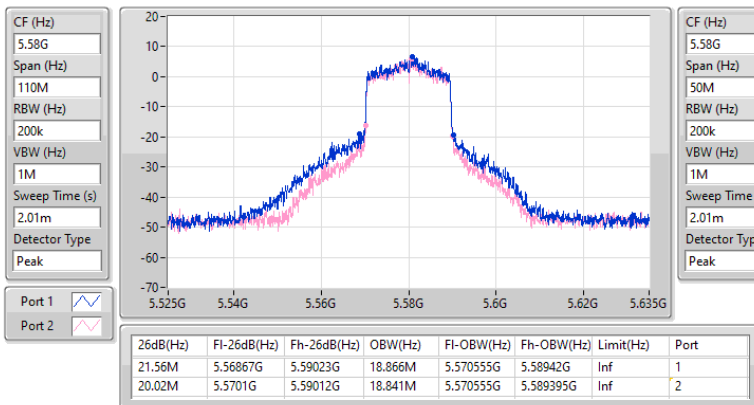


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

20/12/2025

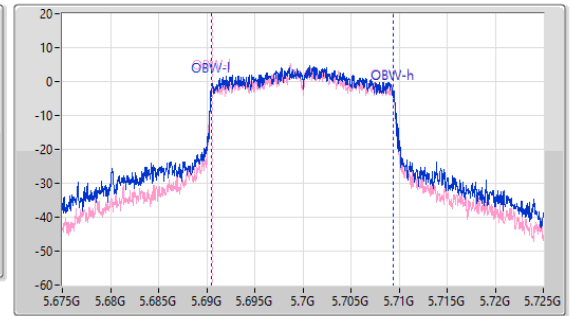
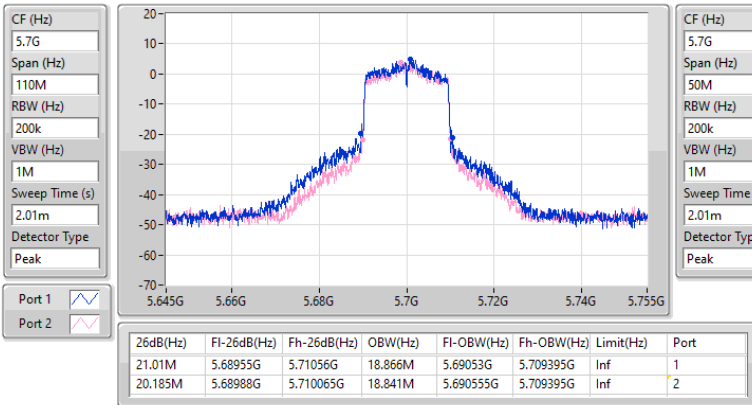


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

20/12/2025

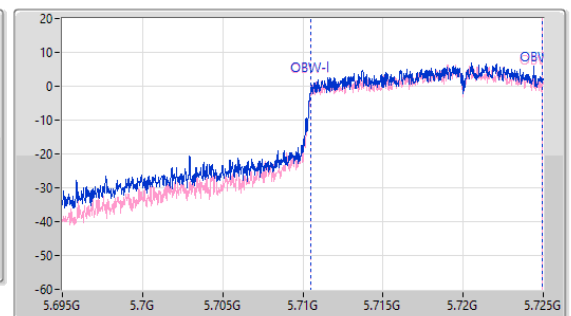
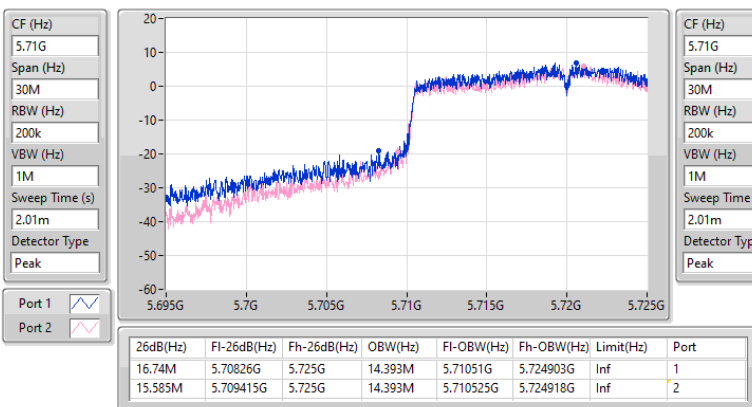


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

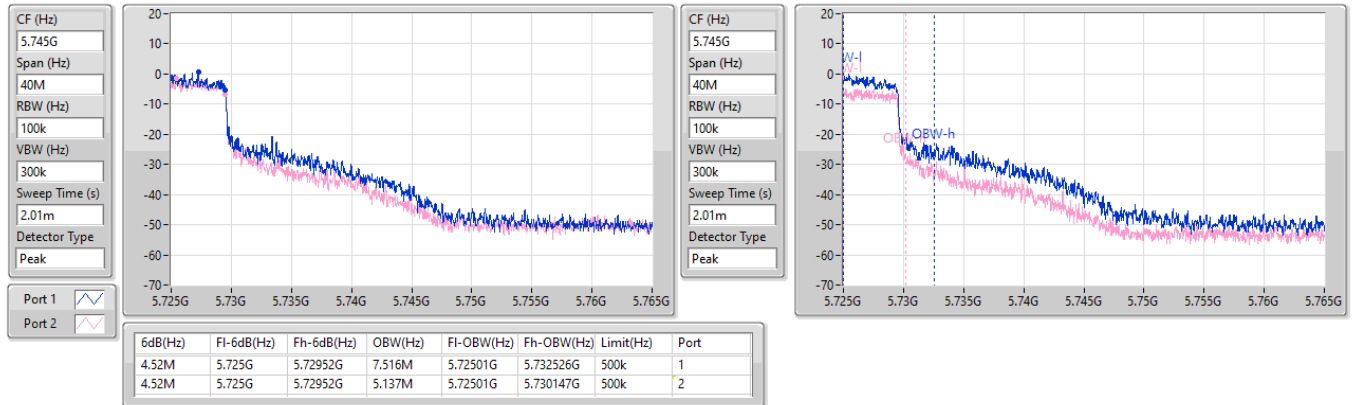
5720MHz Straddle 5.47-5.725GHz

20/12/2025

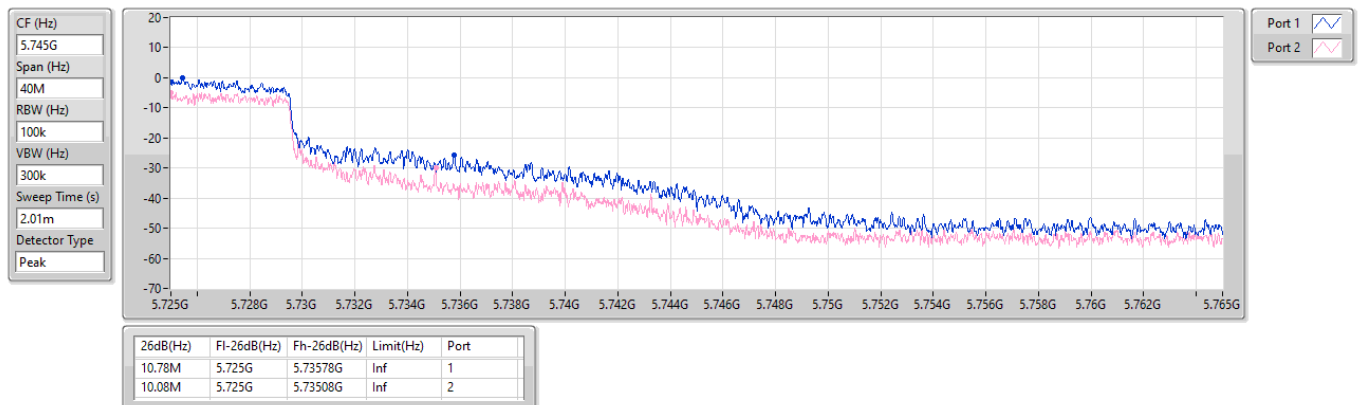


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/12/2025


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/12/2025

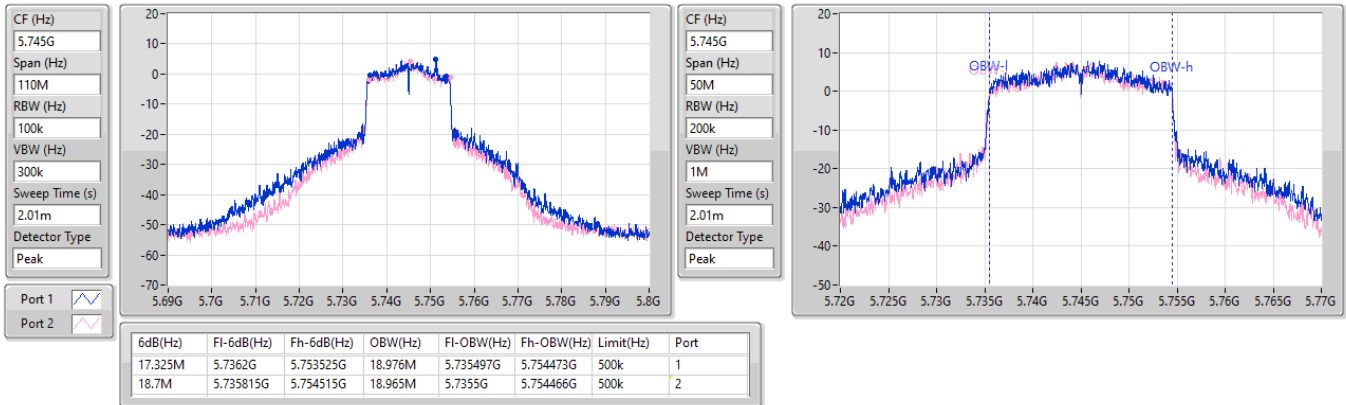


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

31/12/2025

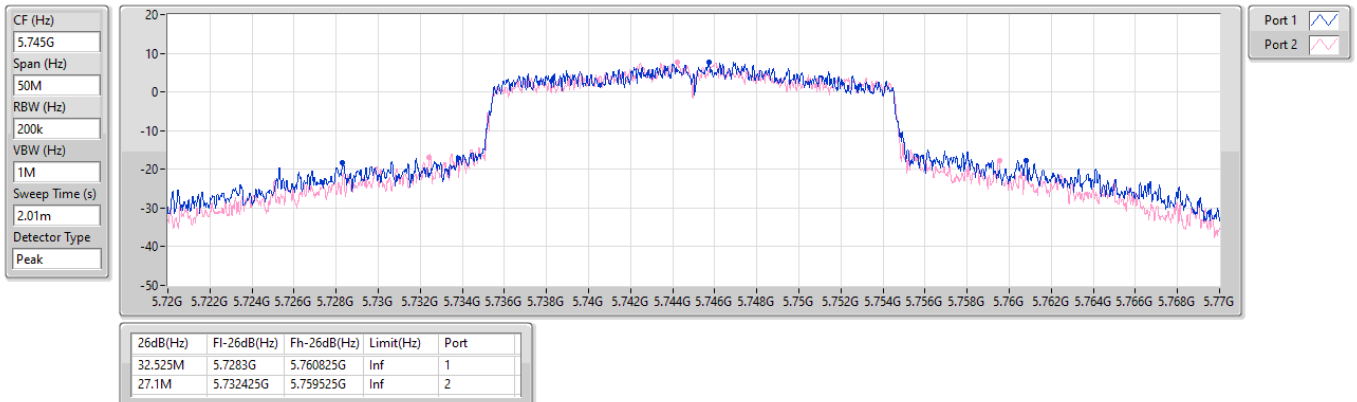


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

31/12/2025

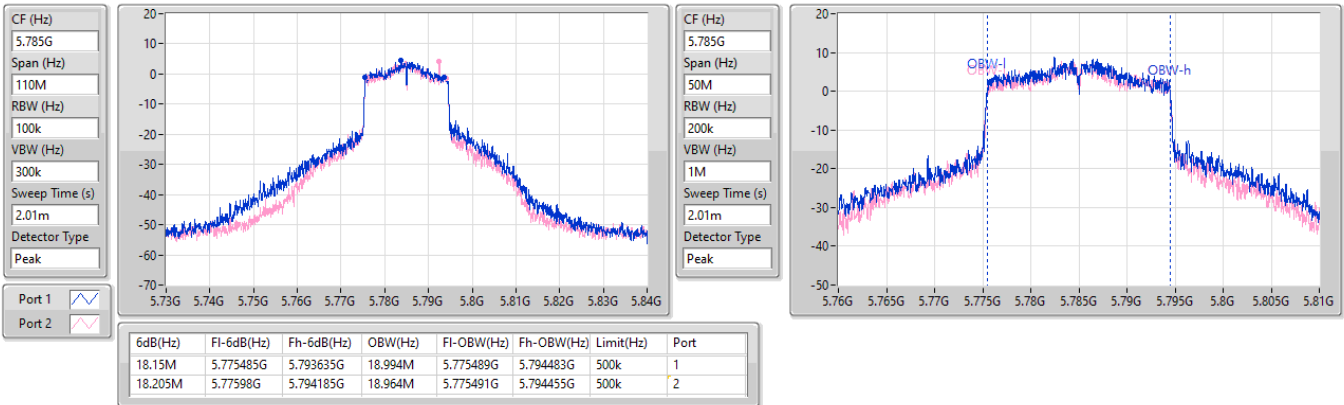


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

31/12/2025

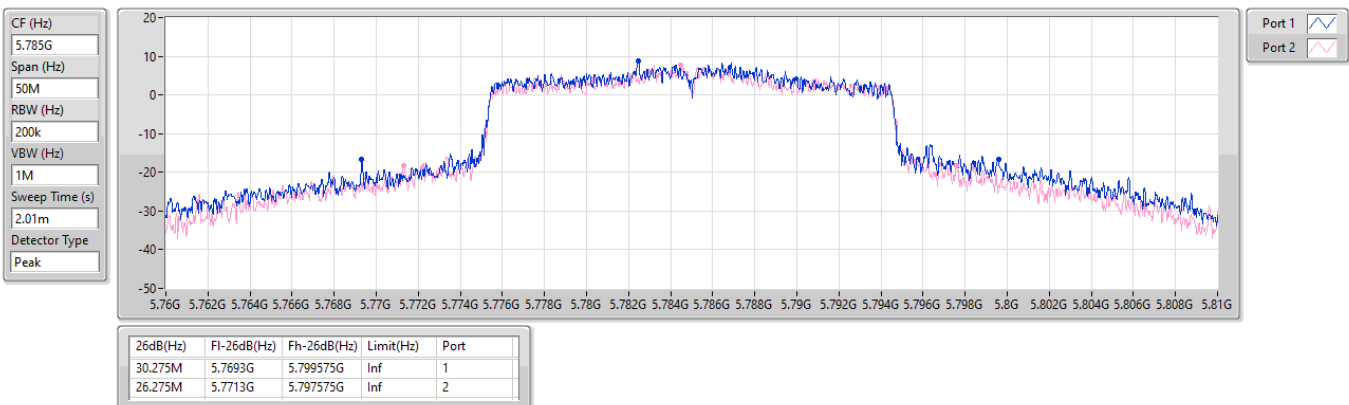


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

31/12/2025

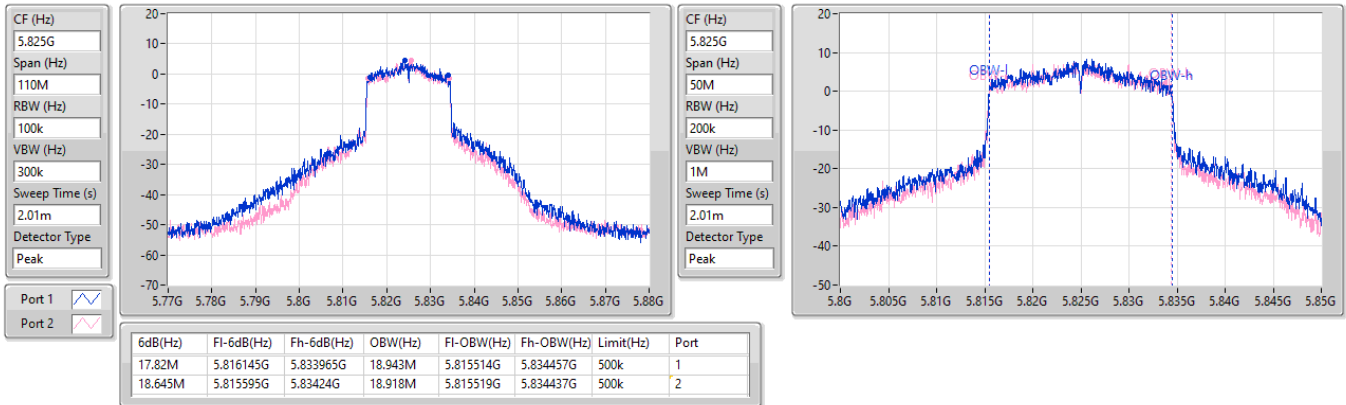


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

31/12/2025

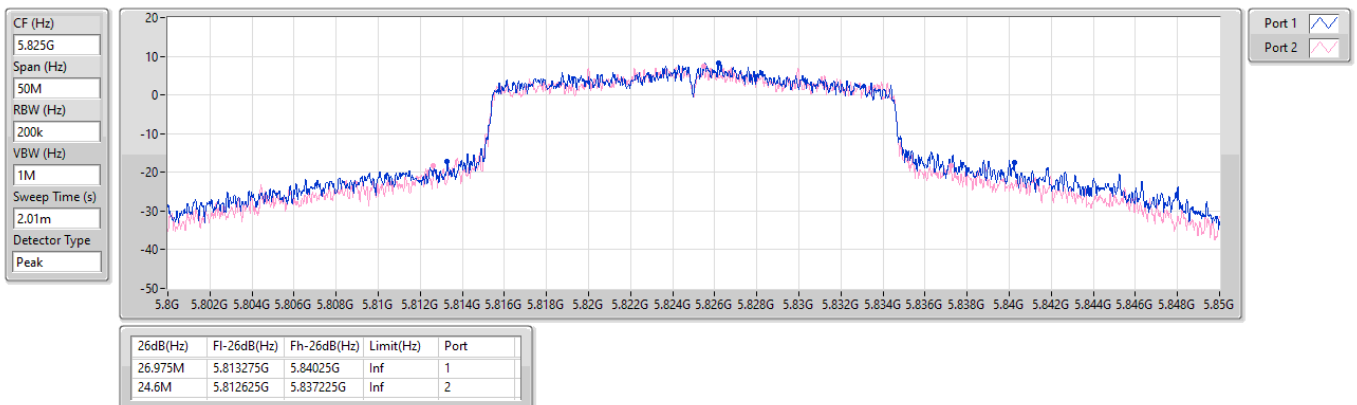


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

31/12/2025

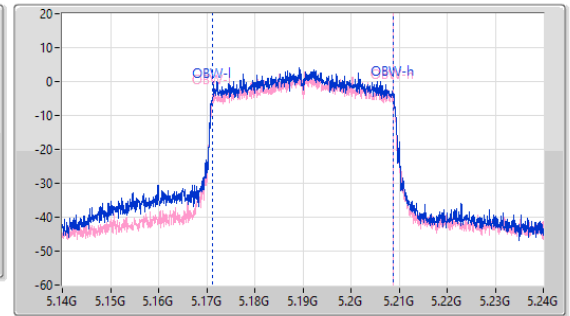
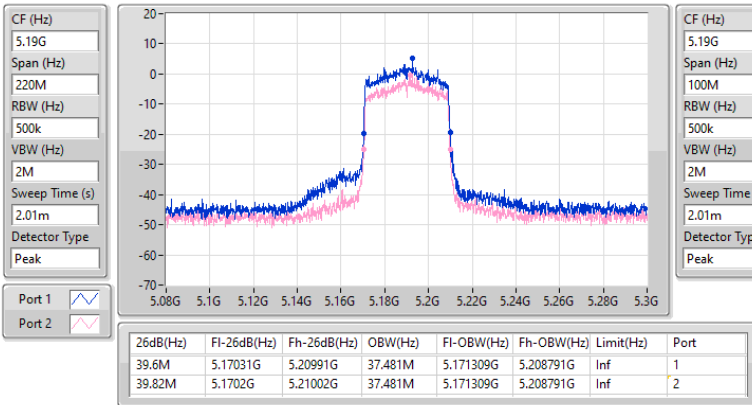


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

20/12/2025

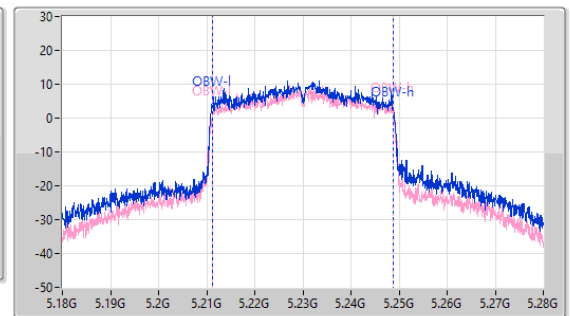
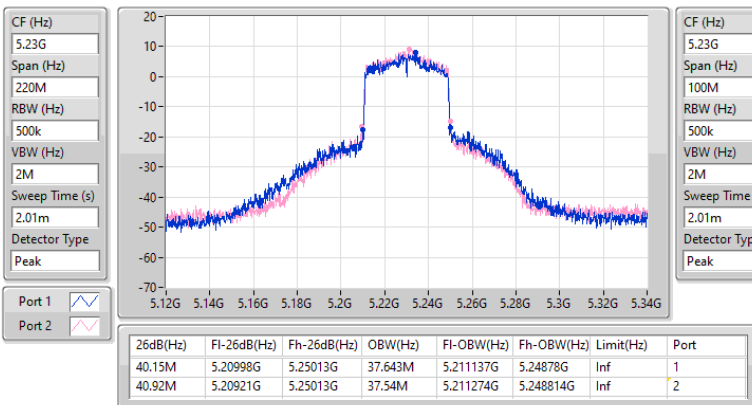


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

31/12/2025

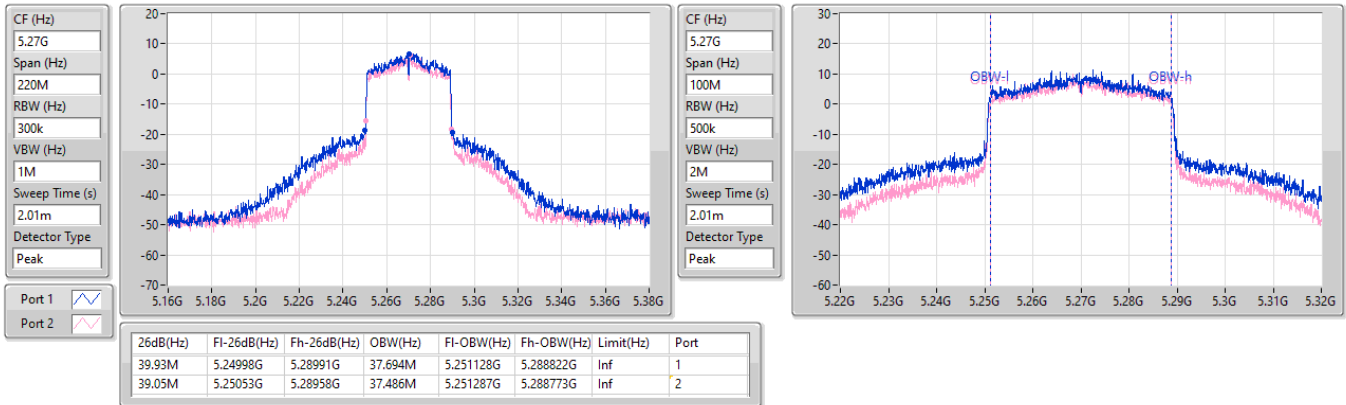


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

31/12/2025

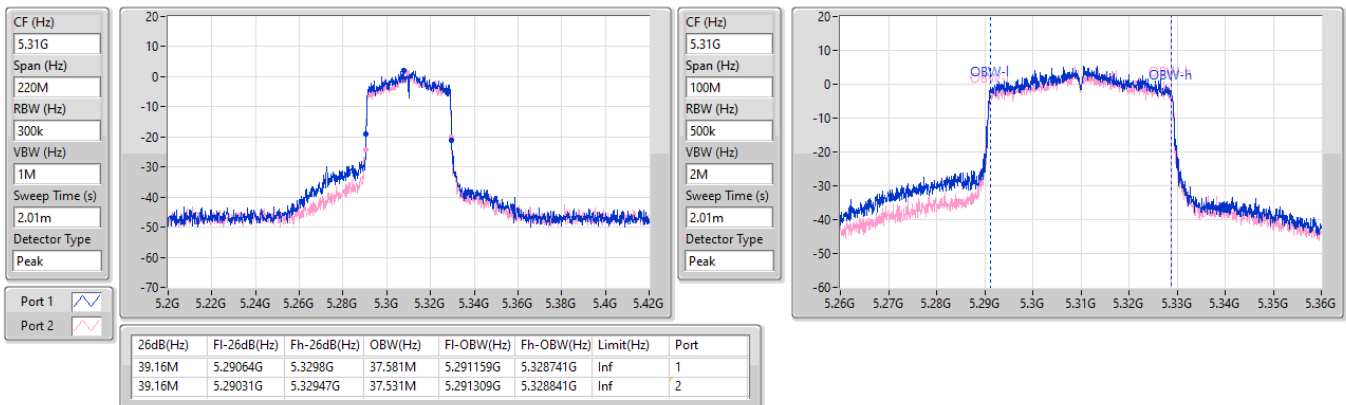


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

20/12/2025

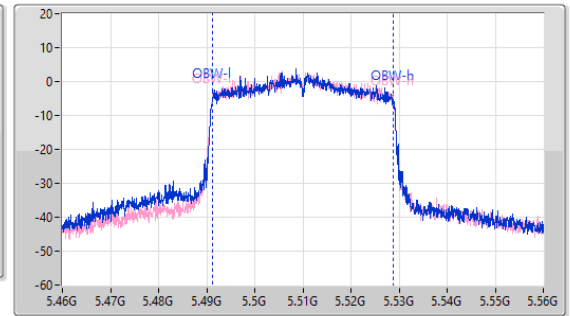
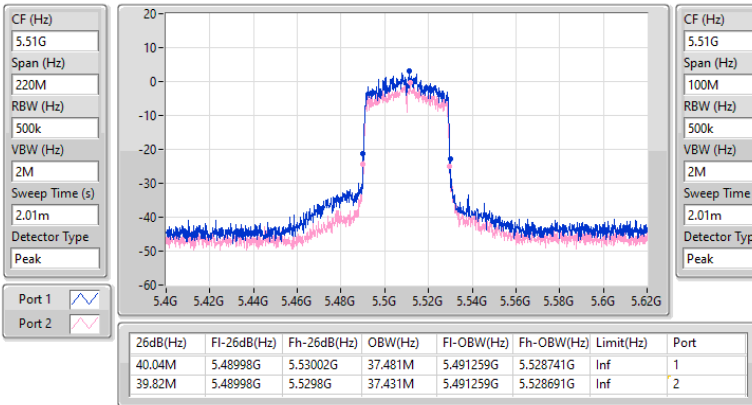


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

20/12/2025

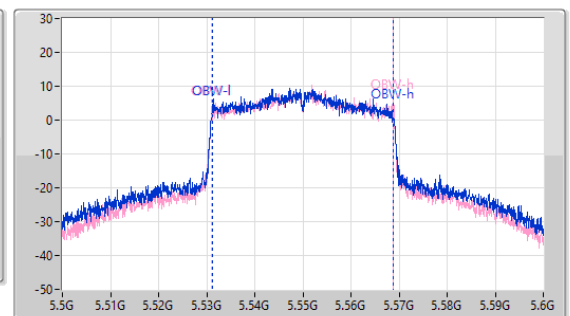
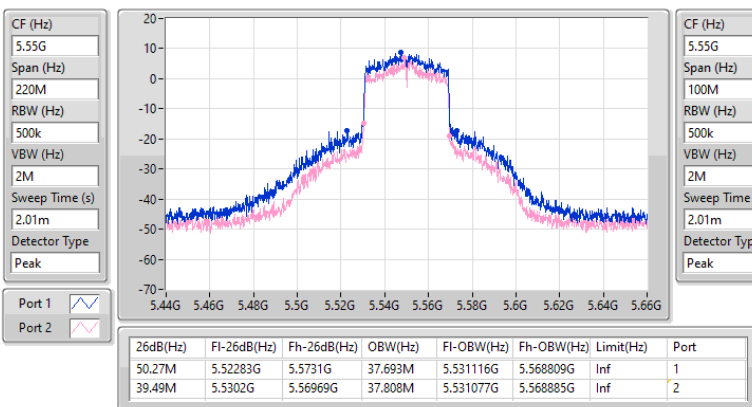


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

31/12/2025

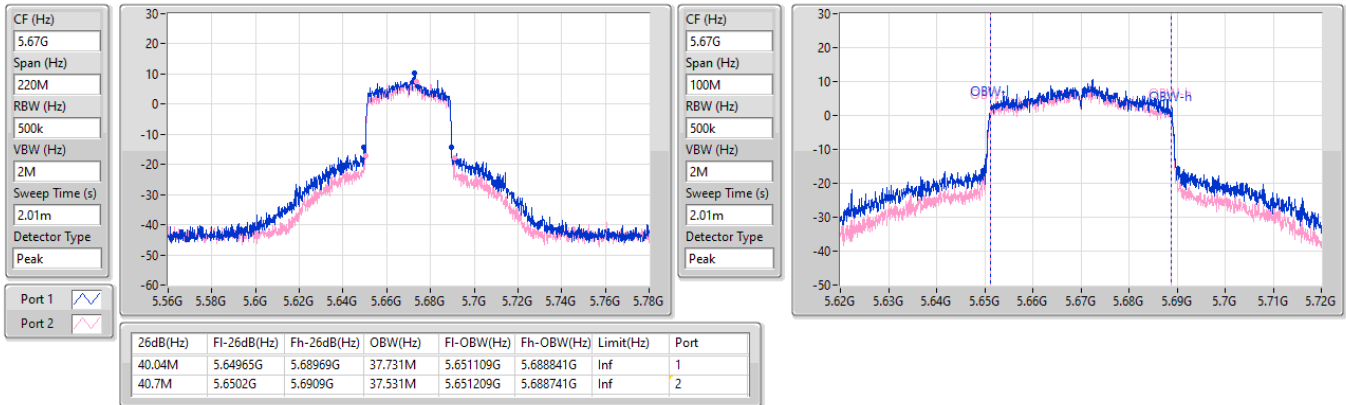


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

20/12/2025

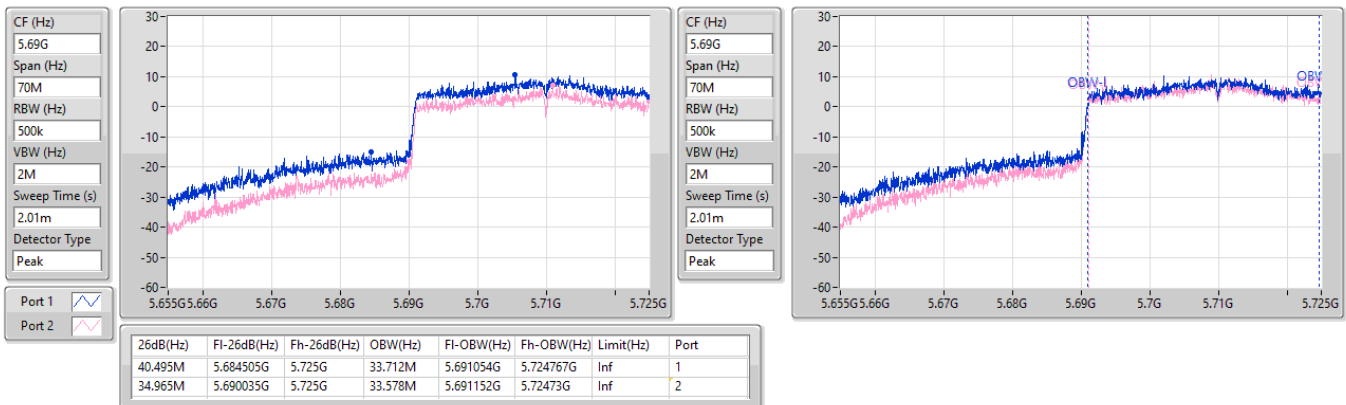


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

31/12/2025

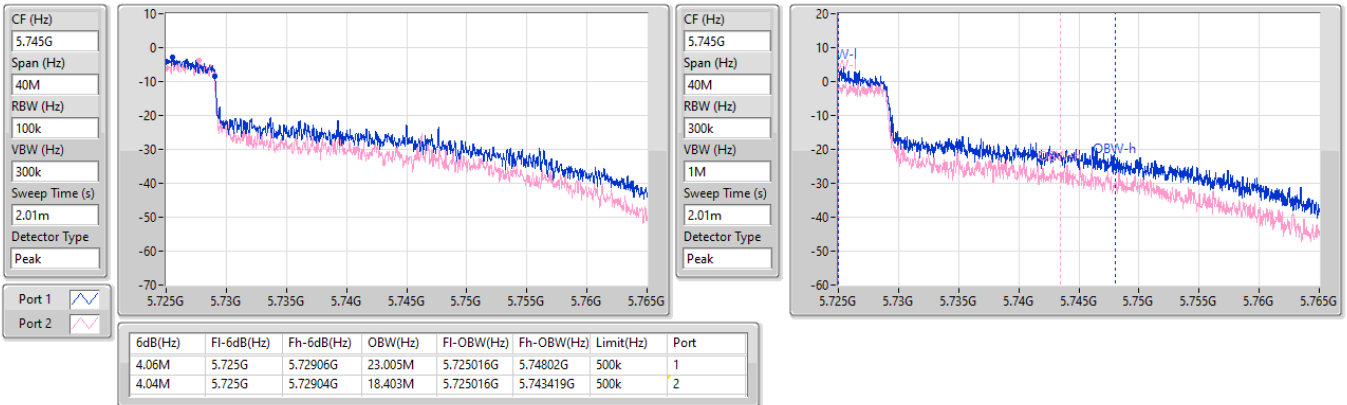


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

31/12/2025

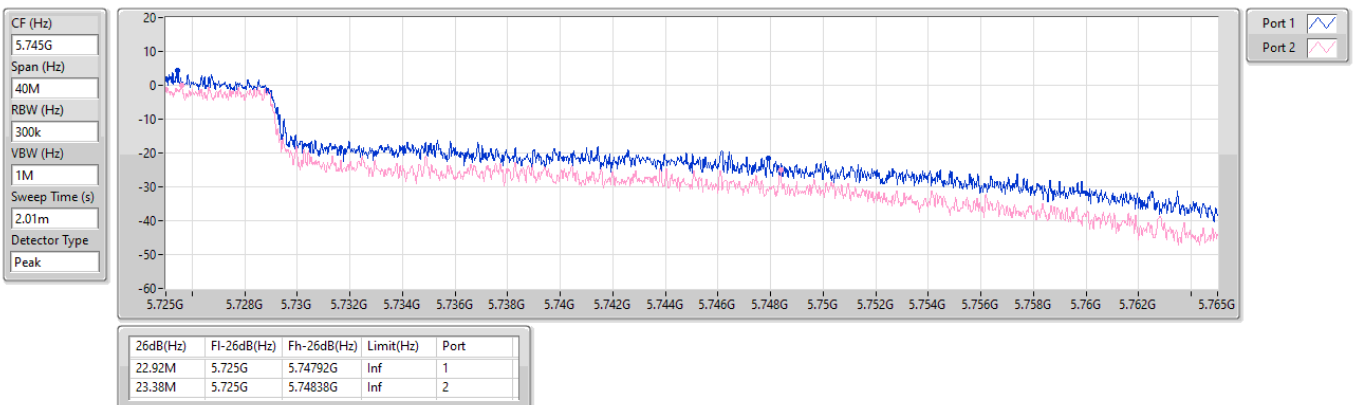


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

31/12/2025

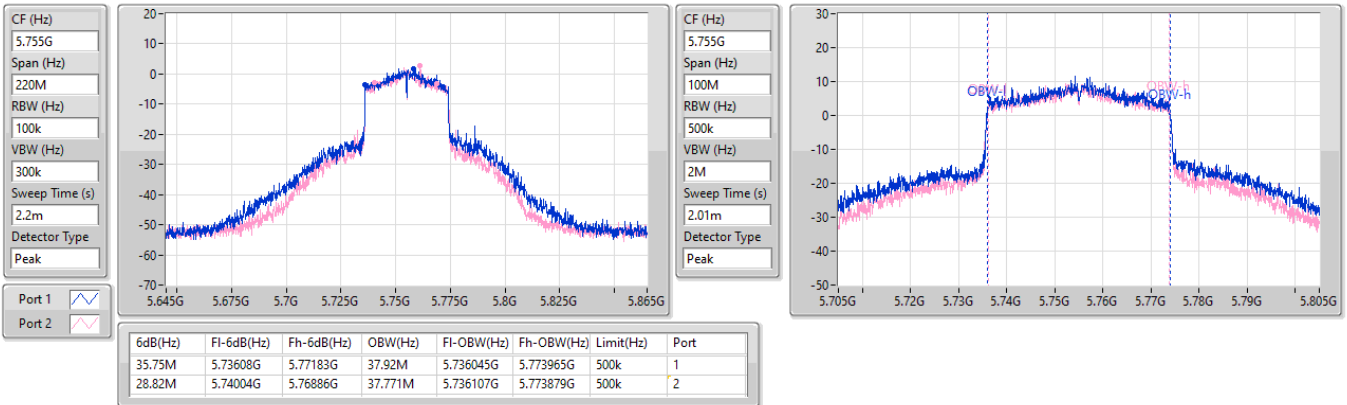


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

31/12/2025

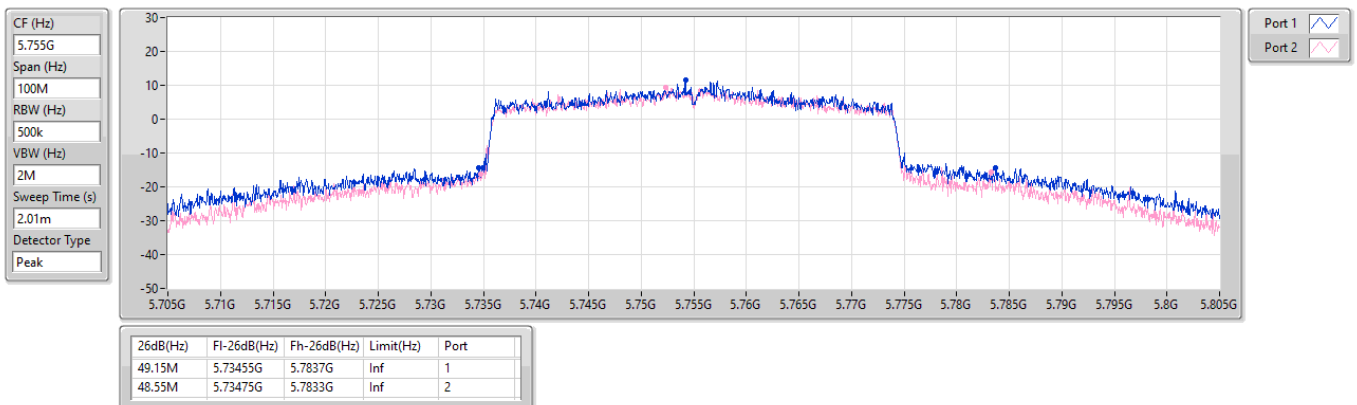


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

31/12/2025

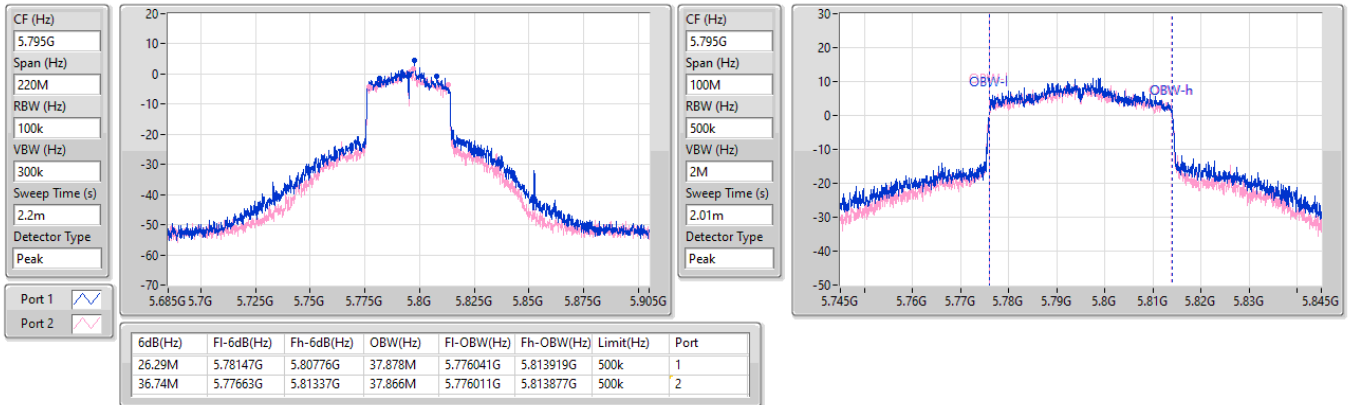


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

31/12/2025

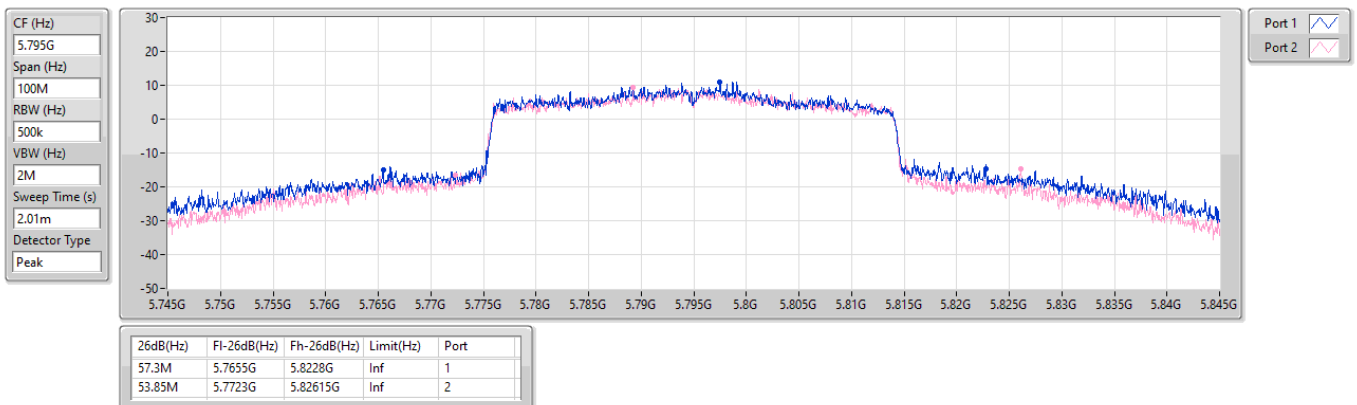


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

31/12/2025

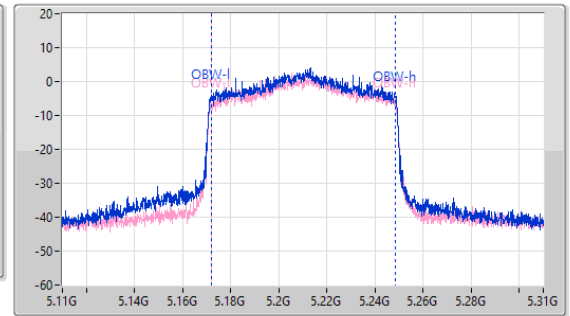
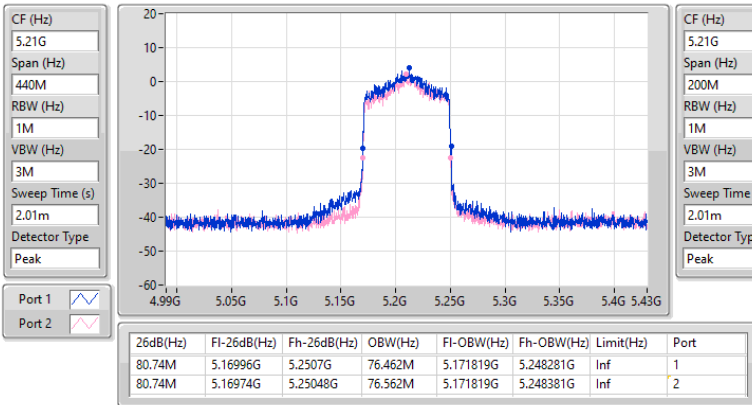


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

20/12/2025

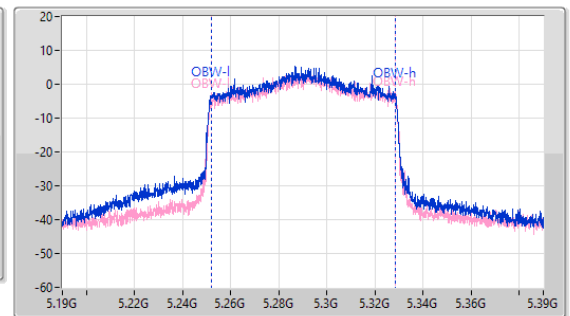
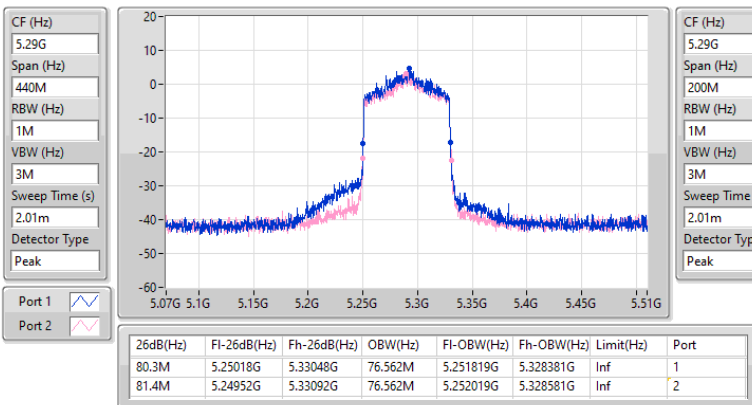


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/12/2025

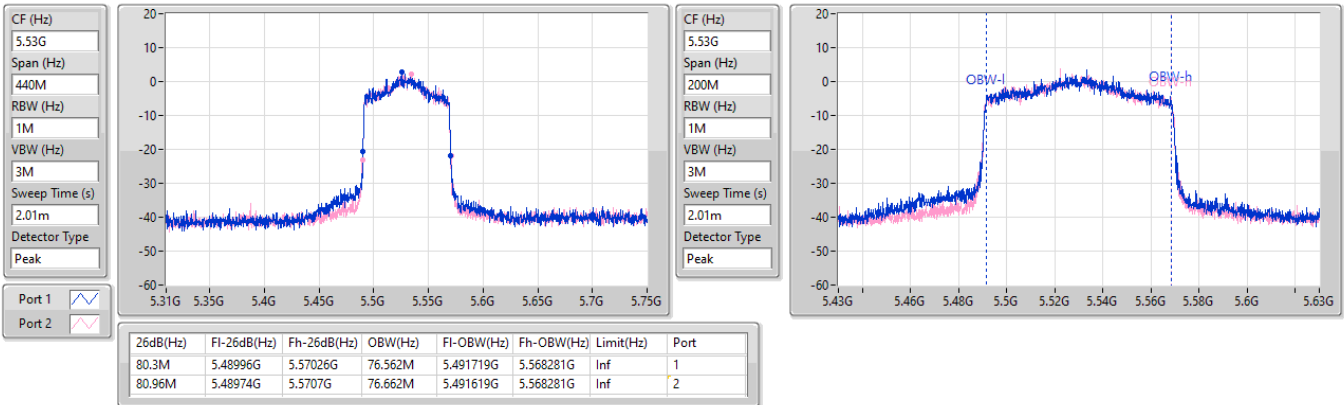


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/12/2025

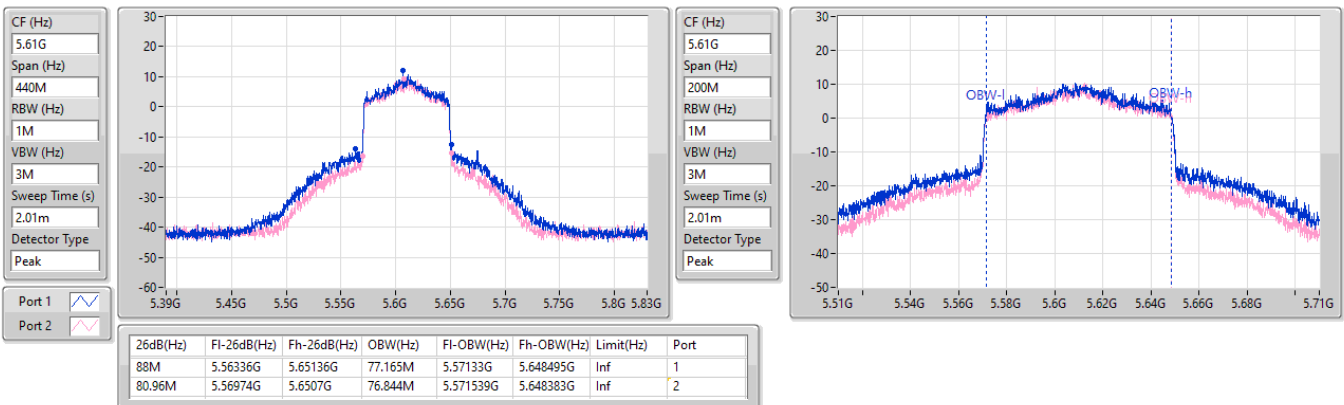


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

31/12/2025

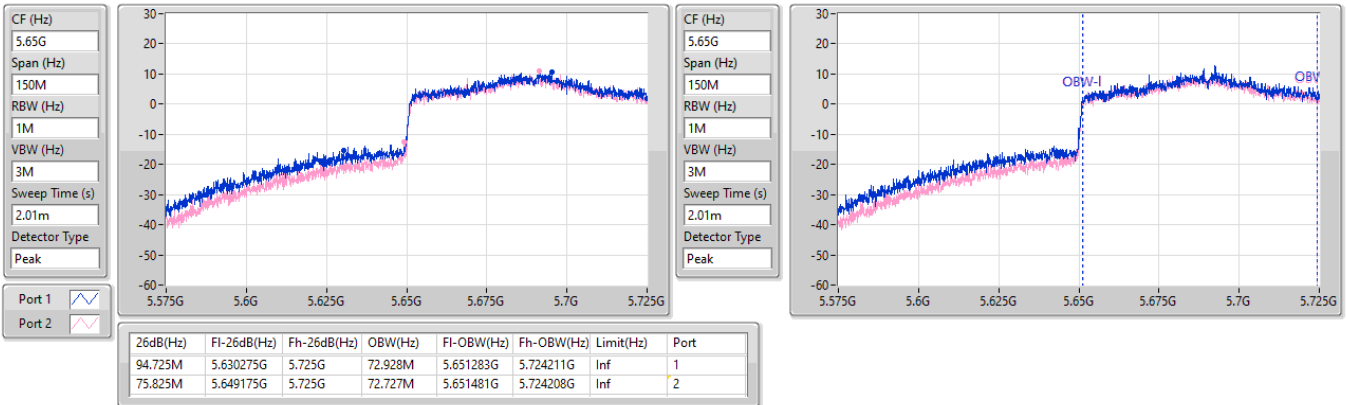


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

31/12/2025

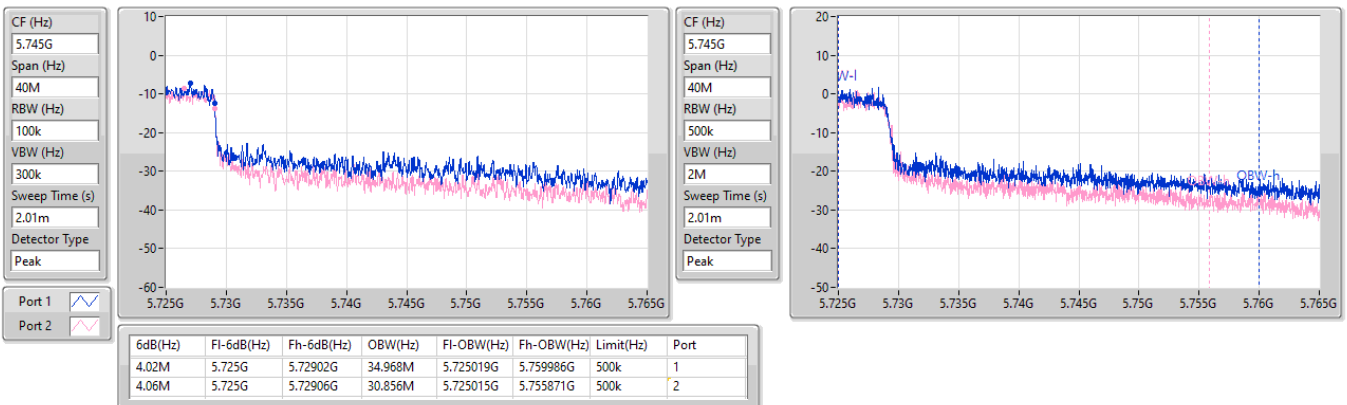


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

31/12/2025

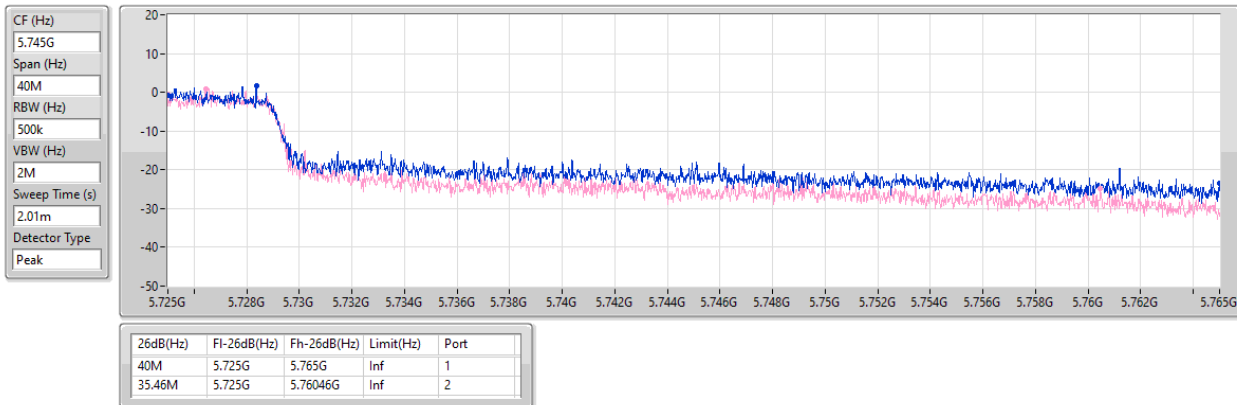


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

31/12/2025

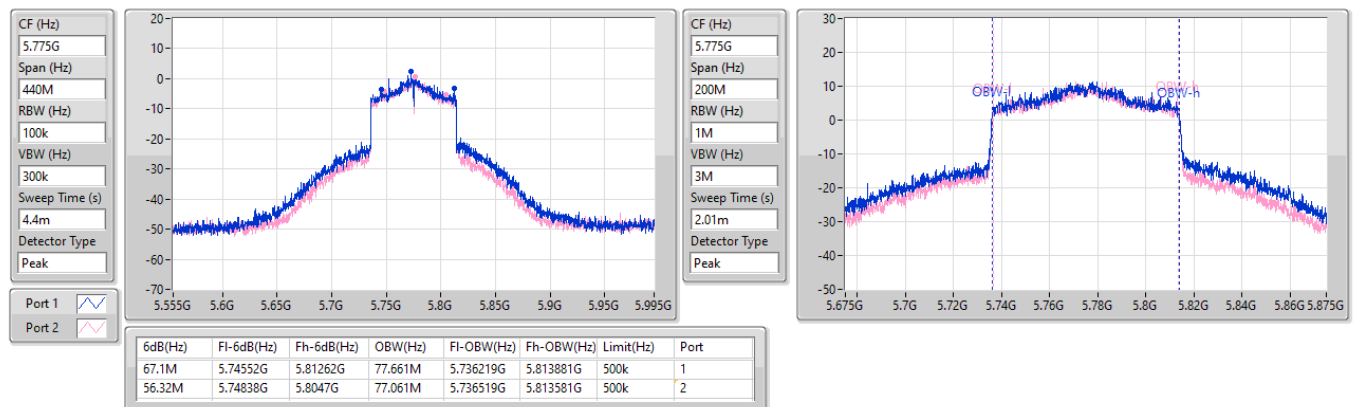


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/12/2025

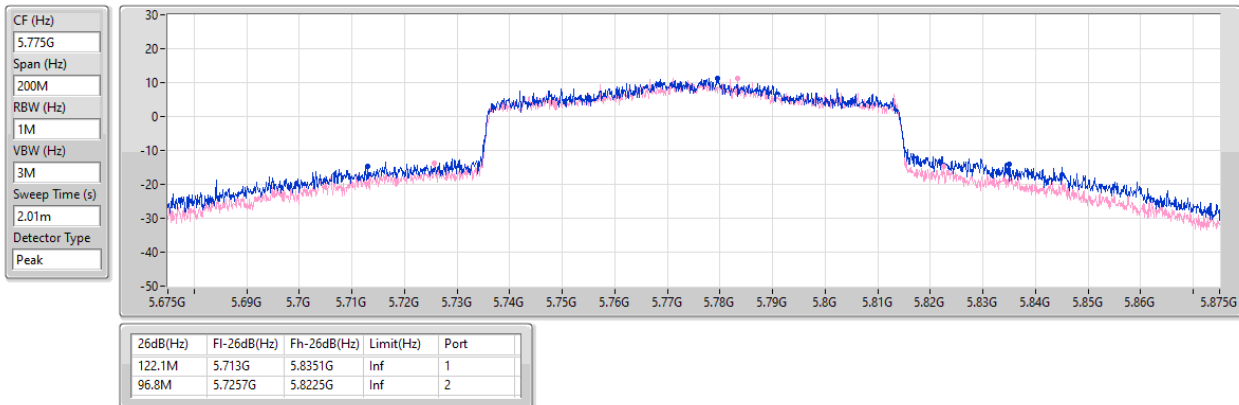


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/12/2025

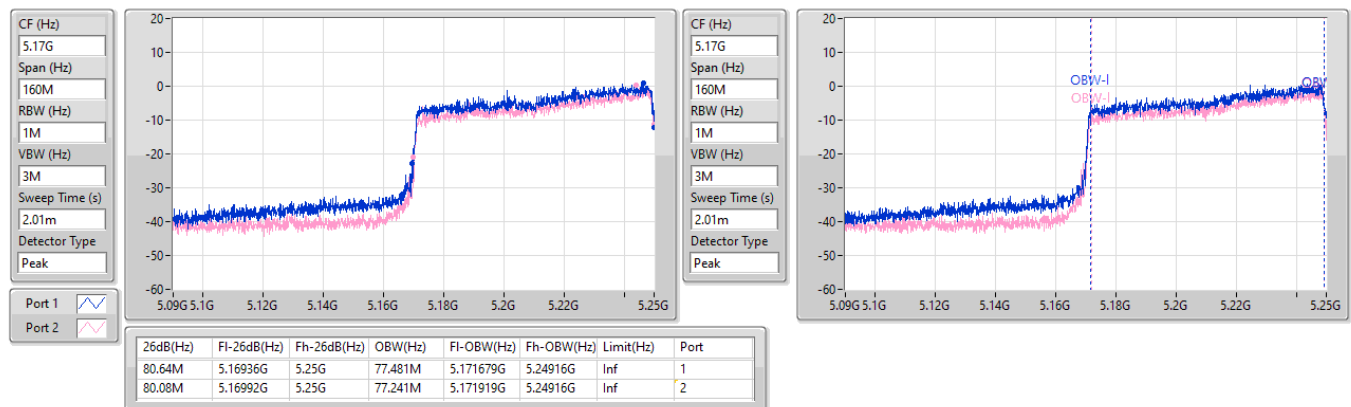


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/12/2025

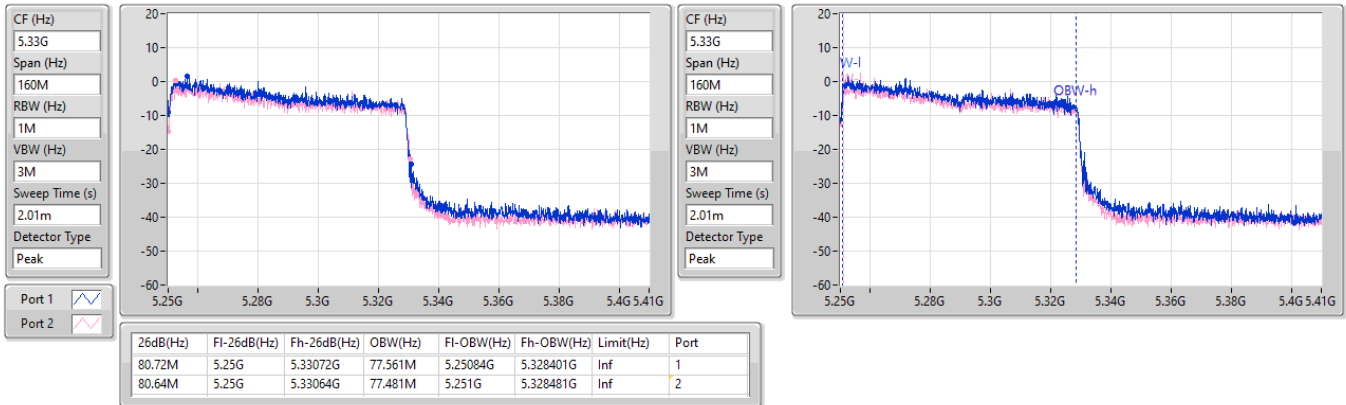


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/12/2025

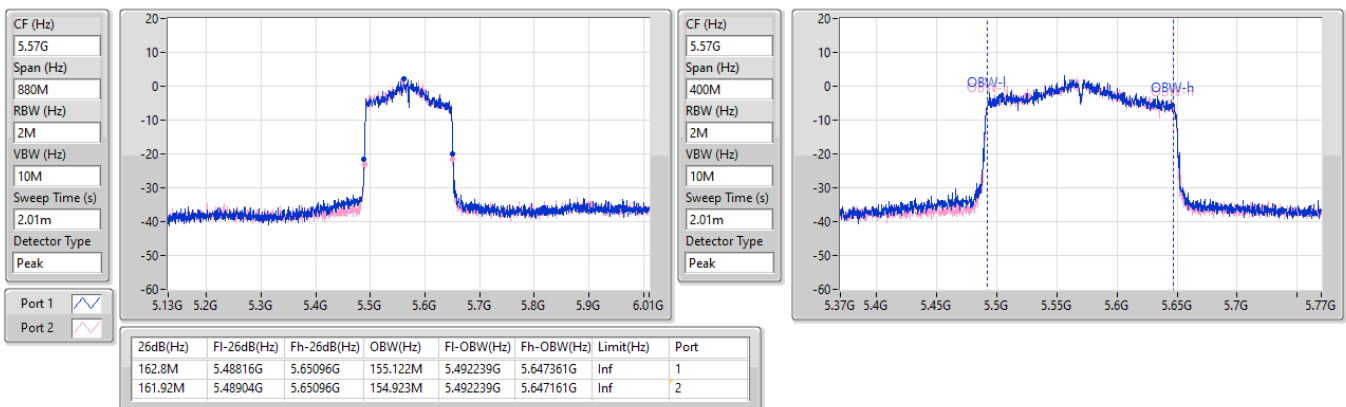


5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

20/12/2025



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)_2TX	20.02M	16.328M	16M3D1D	18.59M	16.283M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.57M	18.891M	18M9D1D	20.02M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.82M	37.617M	37M6D1D	39.38M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.74M	76.562M	76M6D1D	80.74M	76.462M
802.11ax HEW160_Nss1,(MCS0)_2TX	80.64M	77.481M	77M5D1D	80.08M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.8M	16.316M	16M3D1D	18.15M	16.272M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.01M	18.891M	18M9D1D	20.185M	18.841M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.93M	37.694M	37M7D1D	39.05M	37.486M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.4M	76.562M	76M6D1D	80.3M	76.562M
802.11ax HEW160_Nss1,(MCS0)_2TX	80.72M	77.561M	77M6D1D	80.64M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.735M	16.382M	16M4D1D	15.105M	13.148M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.56M	18.866M	18M9D1D	15.585M	14.393M
802.11ax HEW40_Nss1,(MCS0)_2TX	50.27M	37.808M	37M8D1D	34.965M	33.578M
802.11ax HEW80_Nss1,(MCS0)_2TX	94.725M	77.165M	77M2D1D	75.825M	72.727M
802.11ax HEW160_Nss1,(MCS0)_2TX	162.8M	155.122M	155MD1D	161.92M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.005M	16.648M	16M6D1D	3.1M	4.318M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.7M	18.994M	19M0D1D	4.52M	5.137M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.74M	37.92M	37M9D1D	4.04M	18.403M
802.11ax HEW80_Nss1,(MCS0)_2TX	67.1M	77.661M	77M7D1D	4.02M	30.856M

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)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.02M	16.283M	19.085M	16.304M
5200MHz	Pass	Inf	18.92M	16.301M	18.865M	16.328M
5240MHz	Pass	Inf	19.25M	16.305M	18.59M	16.302M
5260MHz	Pass	Inf	19.8M	16.316M	18.92M	16.294M
5300MHz	Pass	Inf	18.59M	16.272M	18.15M	16.316M
5320MHz	Pass	Inf	19.14M	16.294M	18.48M	16.272M
5500MHz	Pass	Inf	19.91M	16.338M	19.58M	16.316M
5580MHz	Pass	Inf	19.525M	16.382M	20.02M	16.316M
5700MHz	Pass	Inf	20.735M	16.382M	20.13M	16.316M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.51M	13.163M	15.105M	13.148M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	5.937M	3.2M	4.318M
5745MHz	Pass	500k	16.005M	16.648M	15.895M	16.488M
5785MHz	Pass	500k	11M	16.604M	15.895M	16.458M
5825MHz	Pass	500k	16.005M	16.553M	14.85M	16.467M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.295M	18.891M	20.57M	18.791M
5200MHz	Pass	Inf	20.24M	18.856M	20.24M	18.82M
5240MHz	Pass	Inf	20.405M	18.836M	20.02M	18.884M
5260MHz	Pass	Inf	20.515M	18.891M	20.185M	18.841M
5300MHz	Pass	Inf	20.79M	18.841M	20.515M	18.866M
5320MHz	Pass	Inf	21.01M	18.841M	20.35M	18.866M
5500MHz	Pass	Inf	20.57M	18.841M	20.185M	18.866M
5580MHz	Pass	Inf	21.56M	18.866M	20.02M	18.841M
5700MHz	Pass	Inf	21.01M	18.866M	20.185M	18.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.74M	14.393M	15.585M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	7.516M	4.52M	5.137M
5745MHz	Pass	500k	17.325M	18.976M	18.7M	18.965M
5785MHz	Pass	500k	18.15M	18.994M	18.205M	18.964M
5825MHz	Pass	500k	17.82M	18.943M	18.645M	18.918M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.6M	37.481M	39.82M	37.481M
5230MHz	Pass	Inf	39.38M	37.555M	39.49M	37.617M
5270MHz	Pass	Inf	39.93M	37.694M	39.05M	37.486M
5310MHz	Pass	Inf	39.16M	37.581M	39.16M	37.531M
5510MHz	Pass	Inf	40.04M	37.481M	39.82M	37.431M
5550MHz	Pass	Inf	50.27M	37.693M	39.49M	37.808M
5670MHz	Pass	Inf	40.04M	37.731M	40.7M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	40.495M	33.712M	34.965M	33.578M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	23.005M	4.04M	18.403M
5755MHz	Pass	500k	35.75M	37.92M	28.82M	37.771M
5795MHz	Pass	500k	26.29M	37.878M	36.74M	37.866M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.74M	76.462M	80.74M	76.562M
5290MHz	Pass	Inf	80.3M	76.562M	81.4M	76.562M
5530MHz	Pass	Inf	80.3M	76.562M	80.96M	76.662M
5610MHz	Pass	Inf	88M	77.165M	80.96M	76.844M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	94.725M	72.928M	75.825M	72.727M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	34.968M	4.06M	30.856M
5775MHz	Pass	500k	67.1M	77.661M	56.32M	77.061M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.481M	80.08M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.72M	77.561M	80.64M	77.481M
5570MHz	Pass	Inf	162.8M	155.122M	161.92M	154.923M

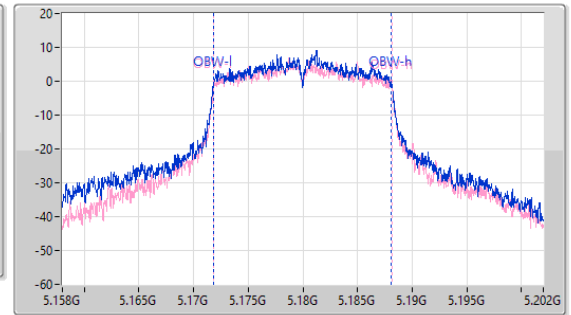
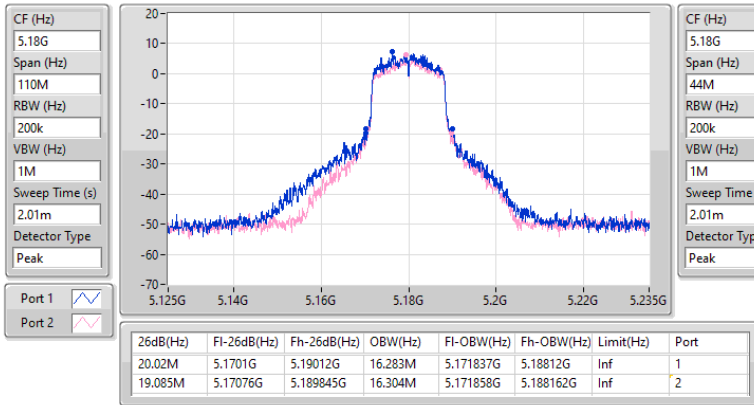
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

31/12/2025

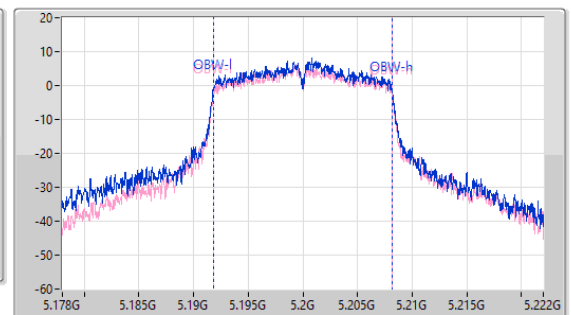
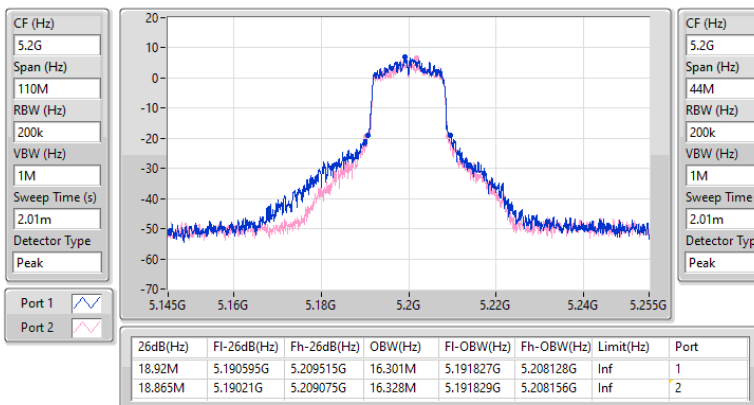


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

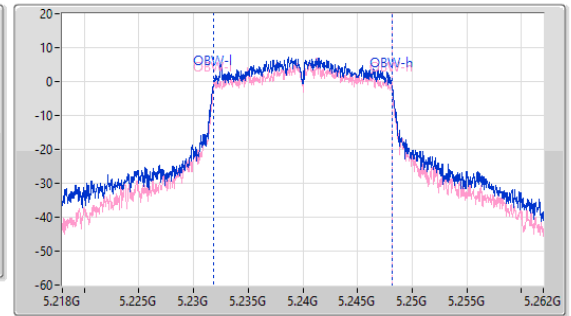
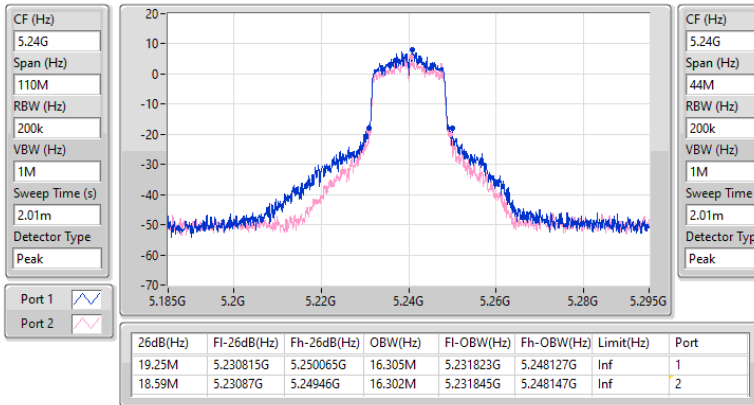
5200MHz

31/12/2025

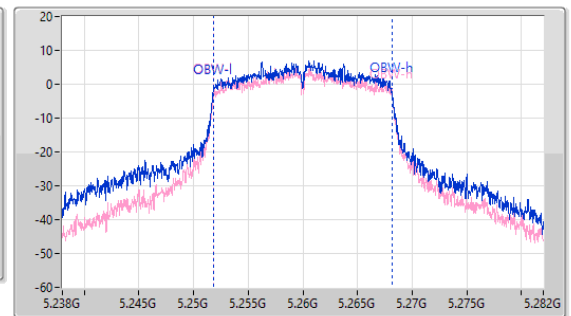
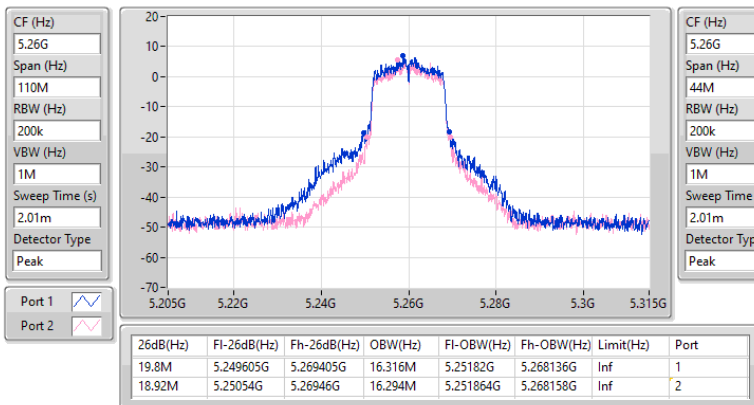


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

31/12/2025

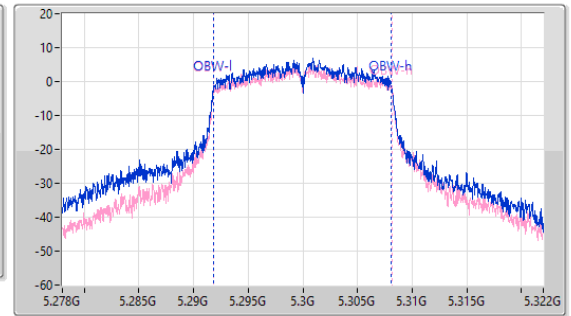
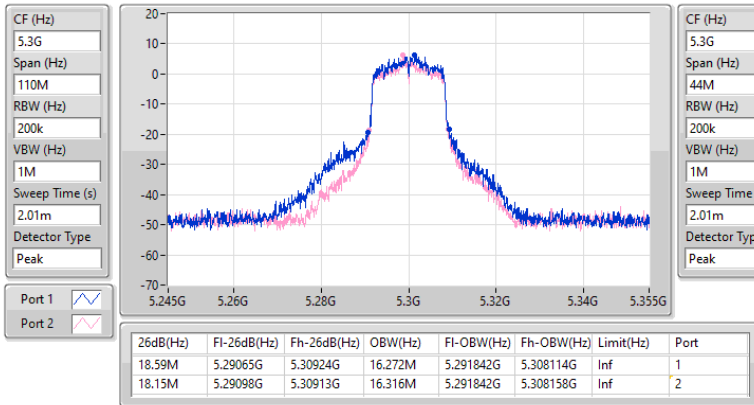

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

20/12/2025

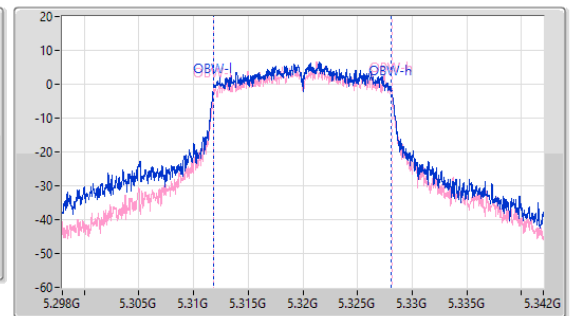
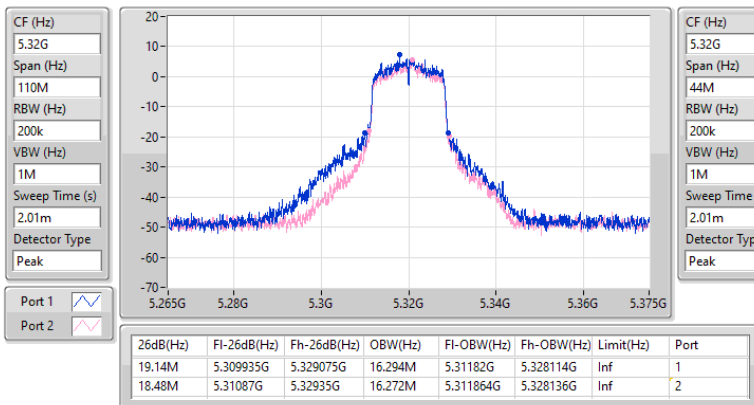


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

20/12/2025


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

20/12/2025

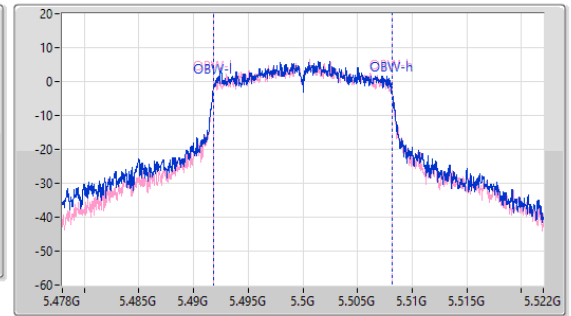
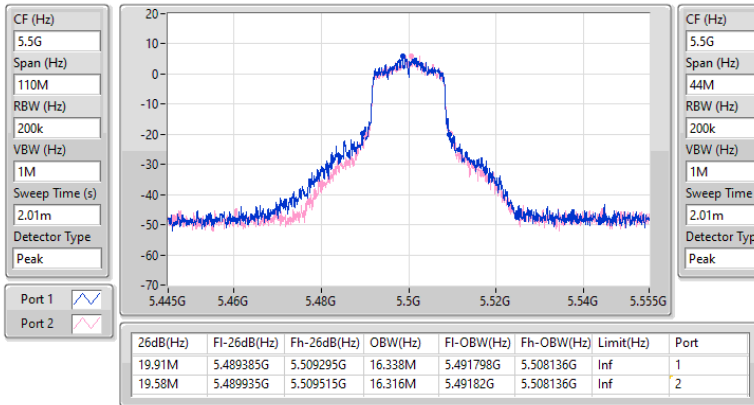


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

20/12/2025

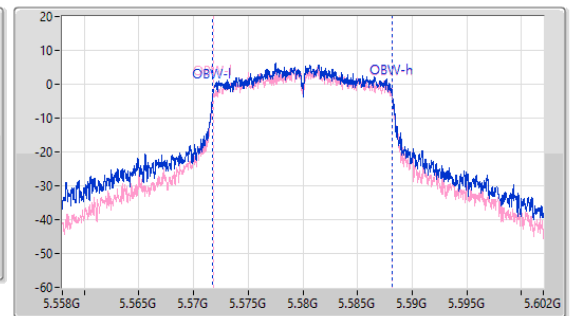
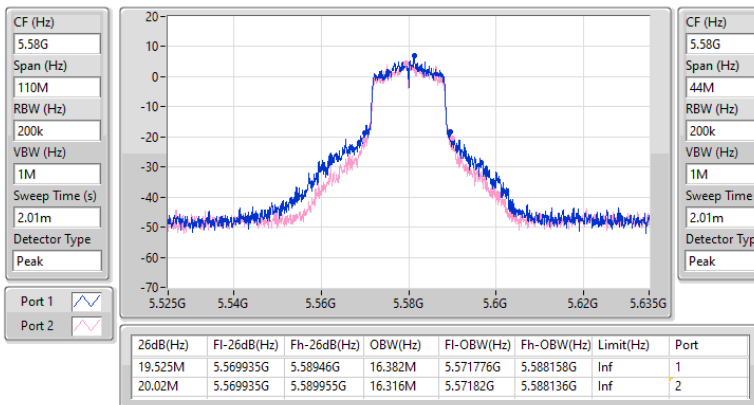


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

20/12/2025

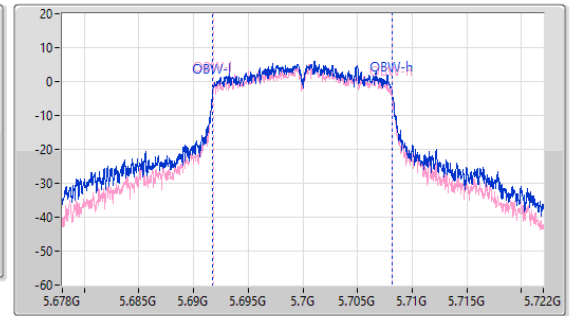
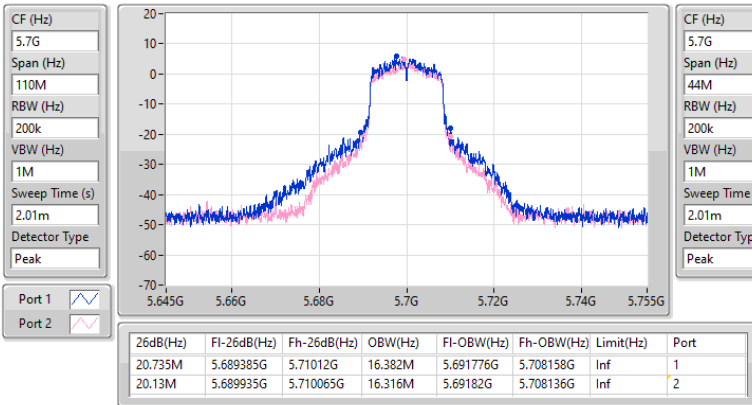


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

20/12/2025

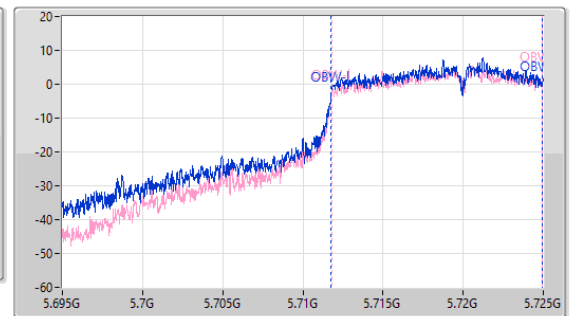
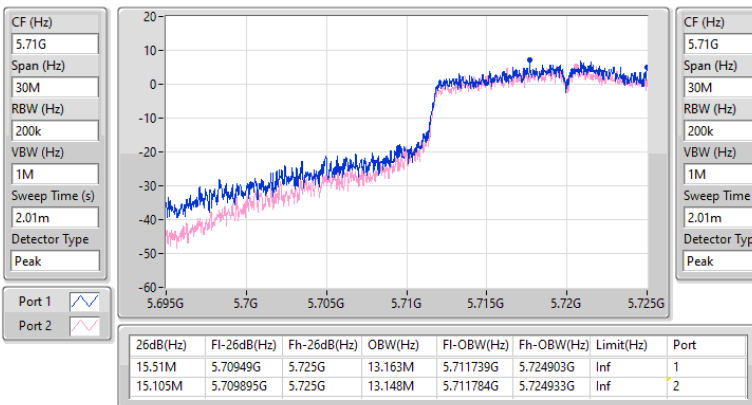


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

20/12/2025

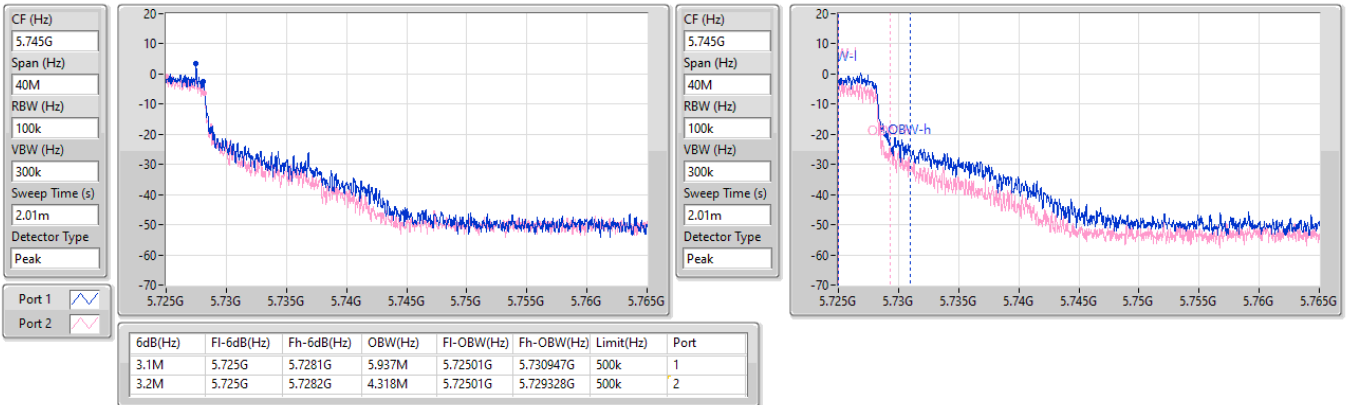


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/12/2025

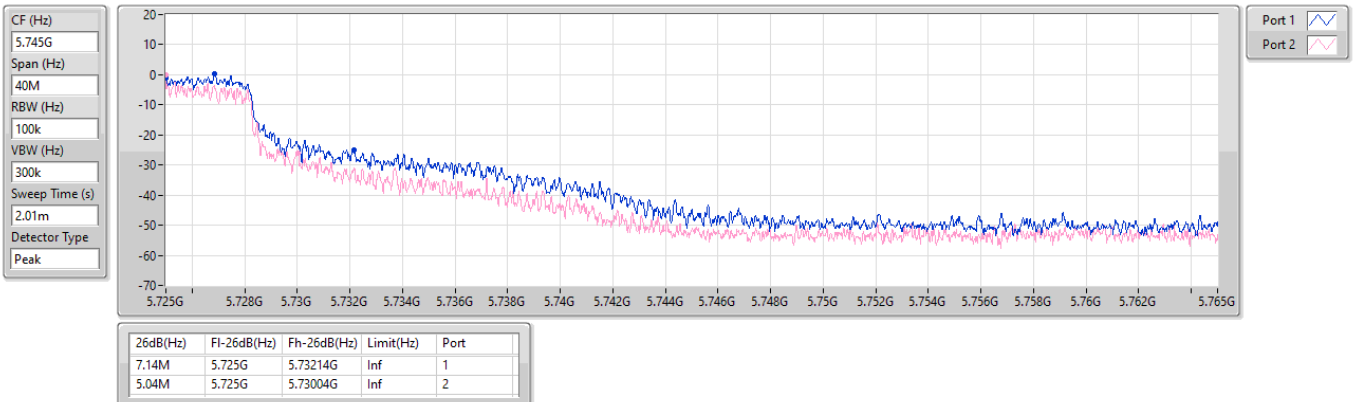


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

20/12/2025

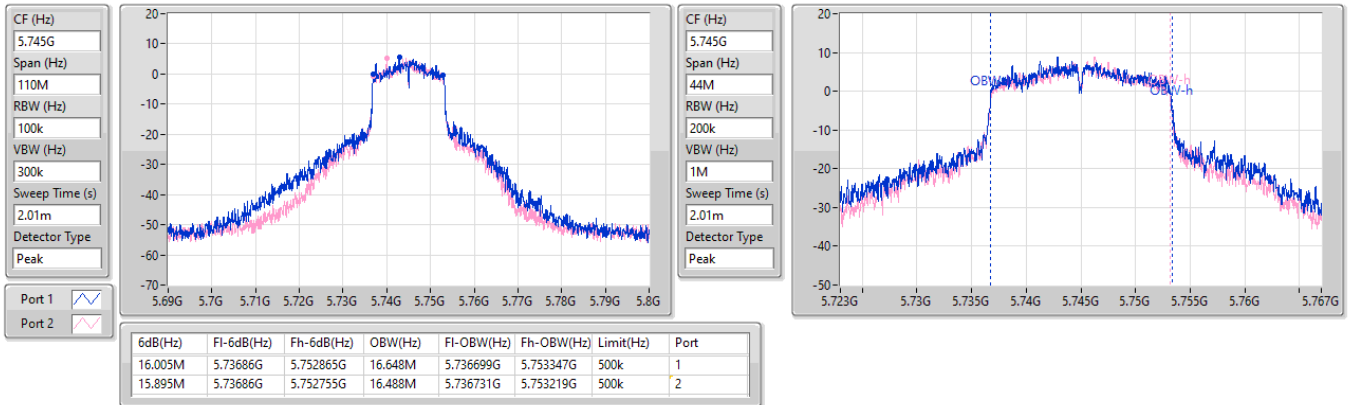


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

31/12/2025

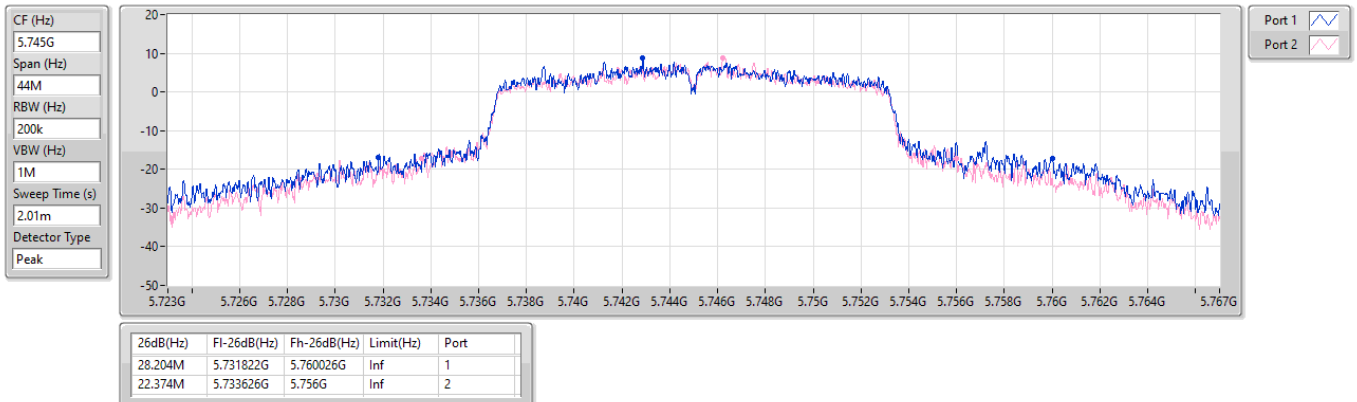


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

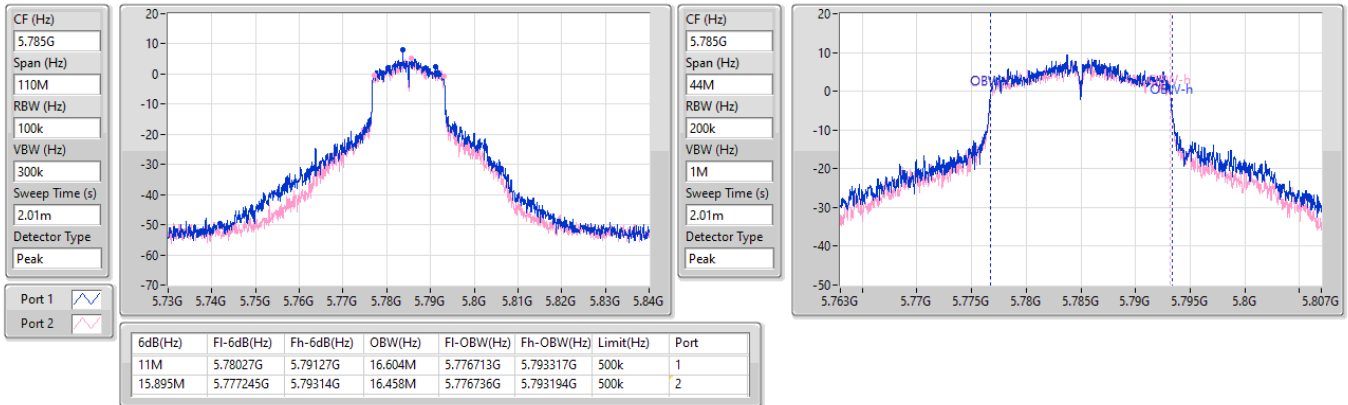
5745MHz

31/12/2025

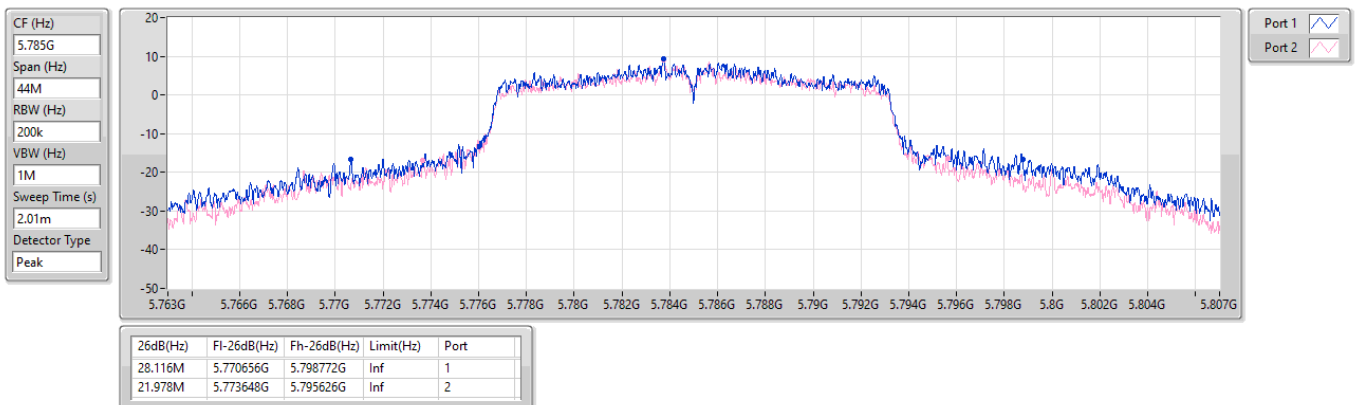


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

31/12/2025


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

31/12/2025

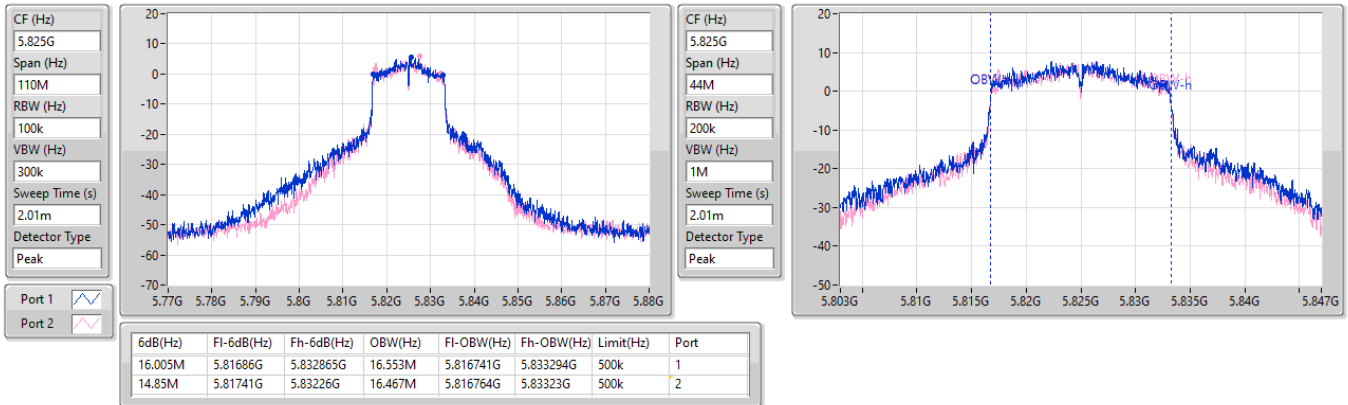


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

31/12/2025

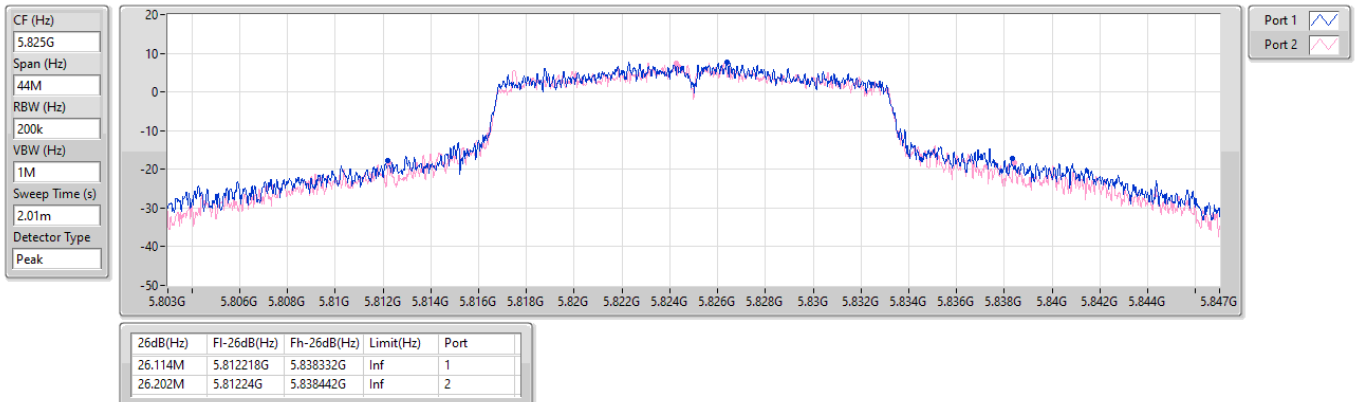


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

31/12/2025

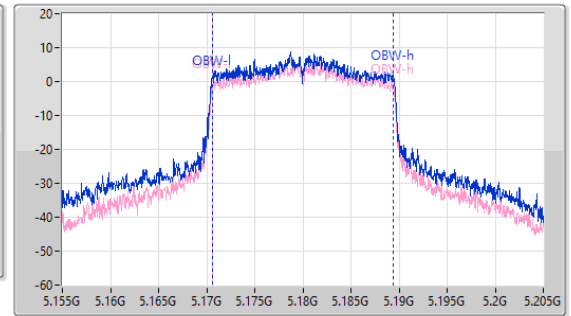
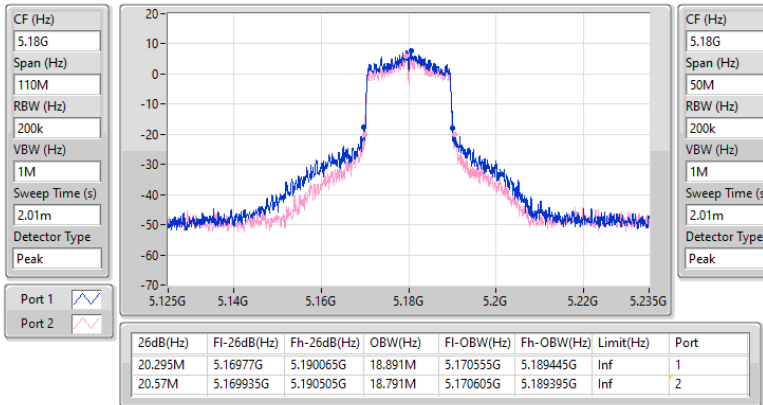


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

20/12/2025

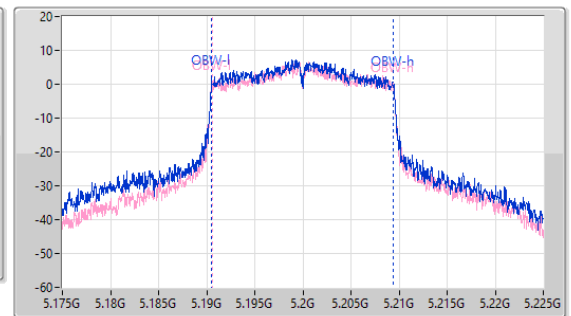
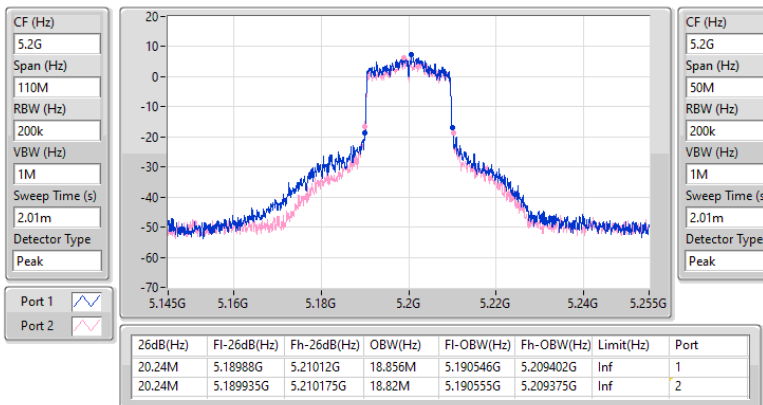


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

31/12/2025

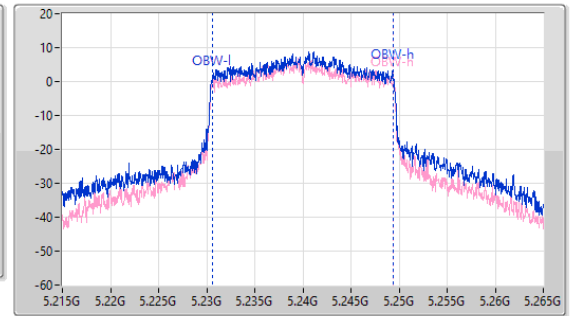
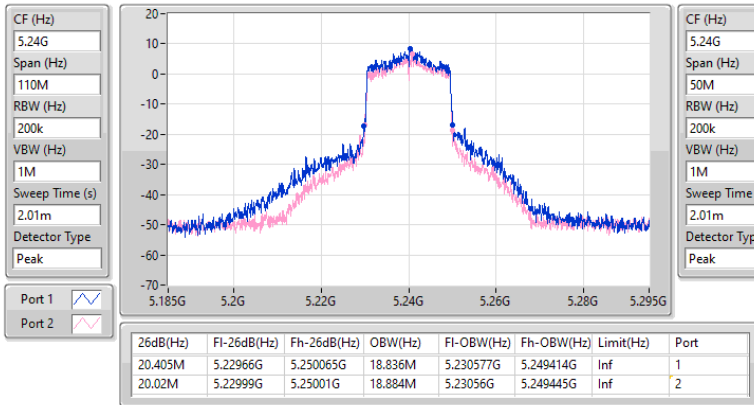


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

31/12/2025

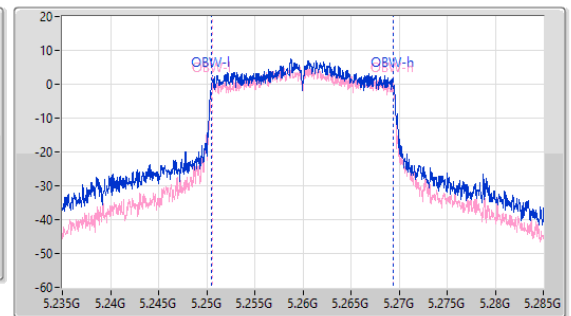
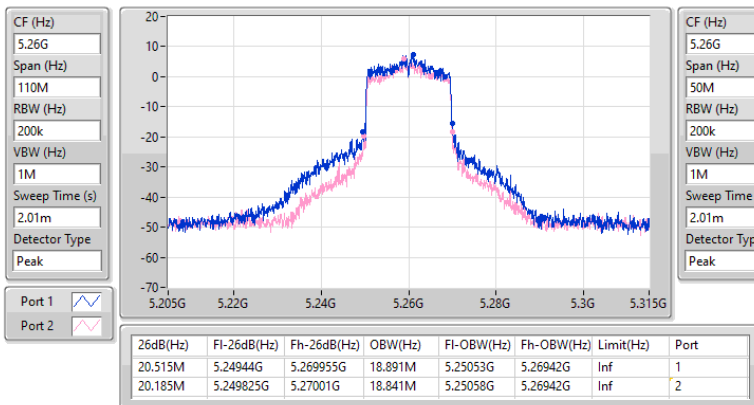


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

20/12/2025

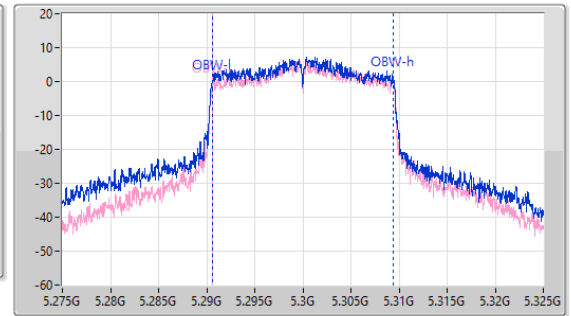
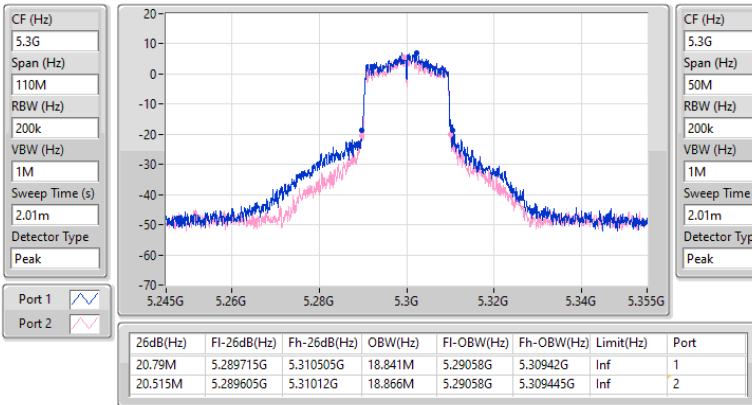


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

20/12/2025

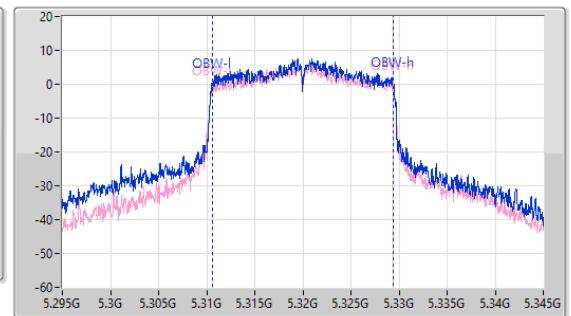
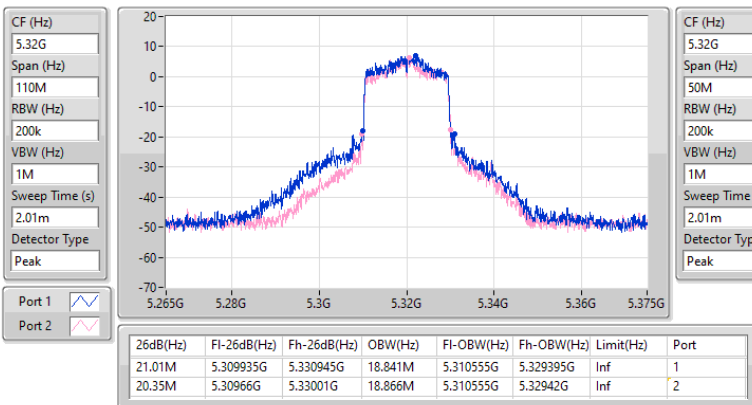


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

20/12/2025

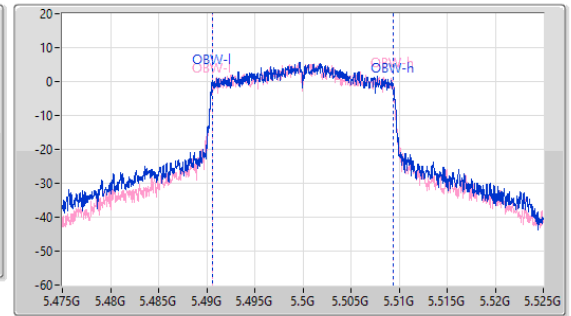
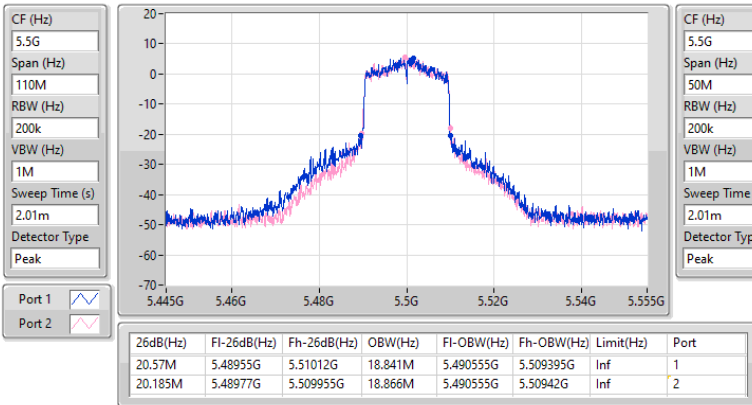


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

20/12/2025

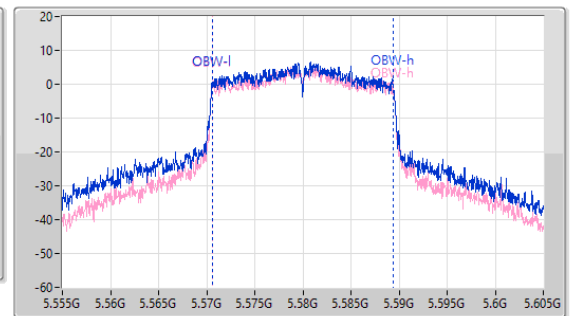
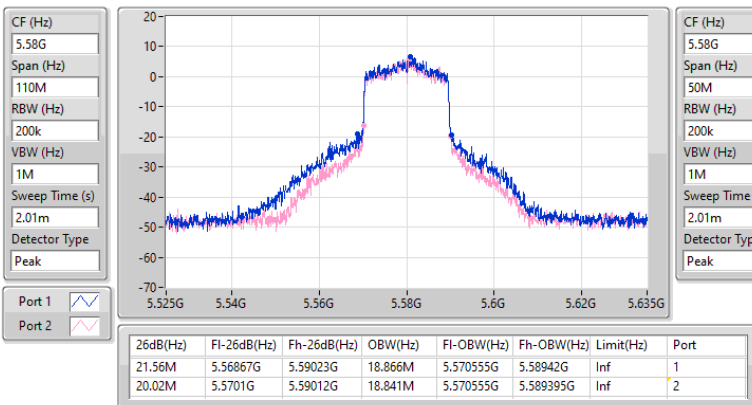


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

20/12/2025

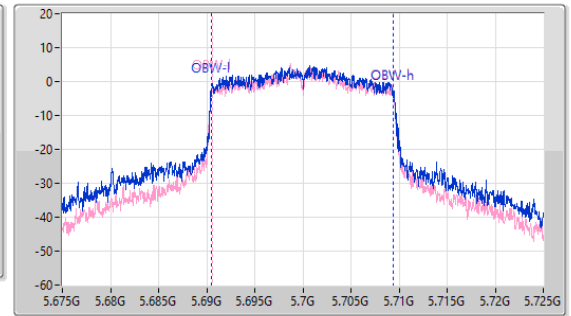
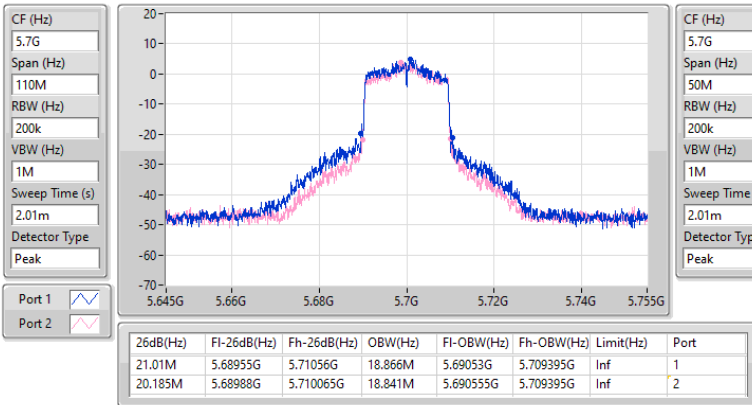


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

20/12/2025

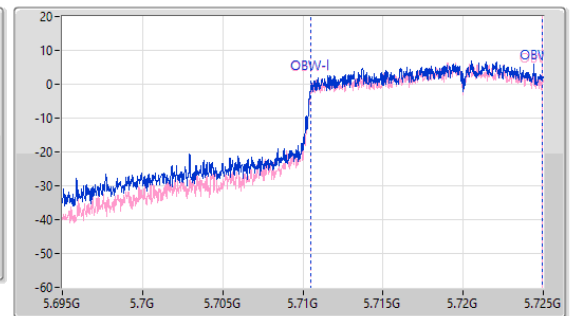
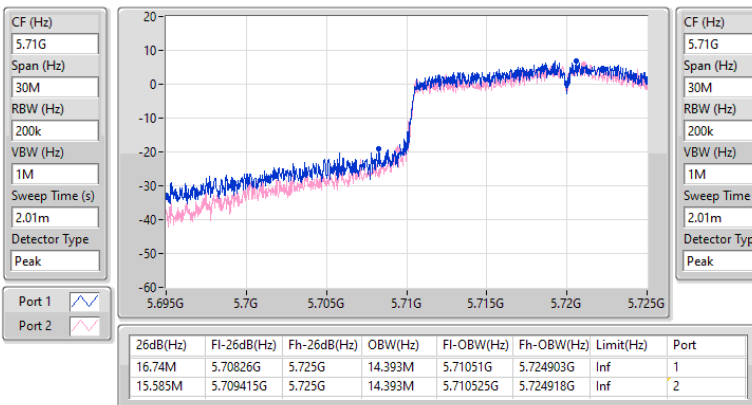


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

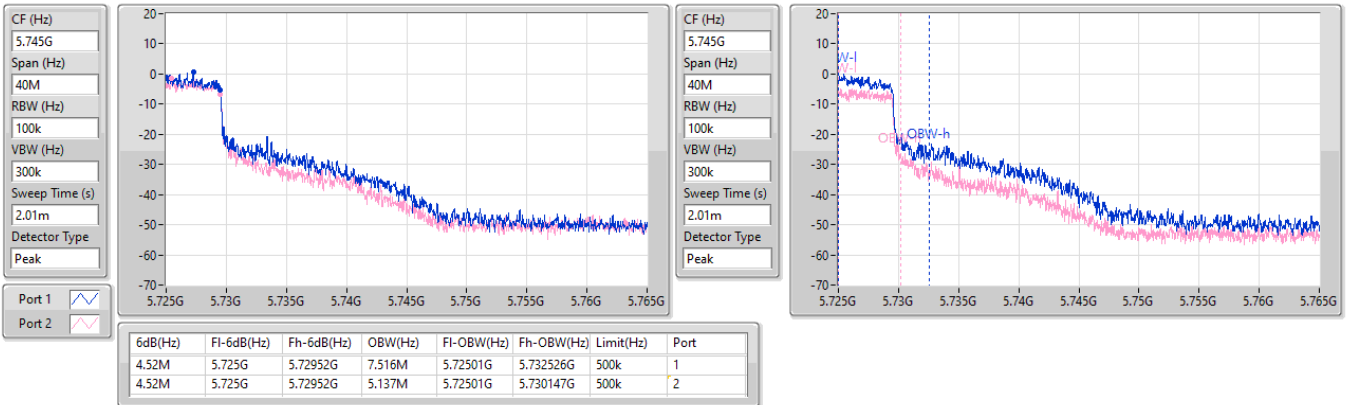
5720MHz Straddle 5.47-5.725GHz

20/12/2025

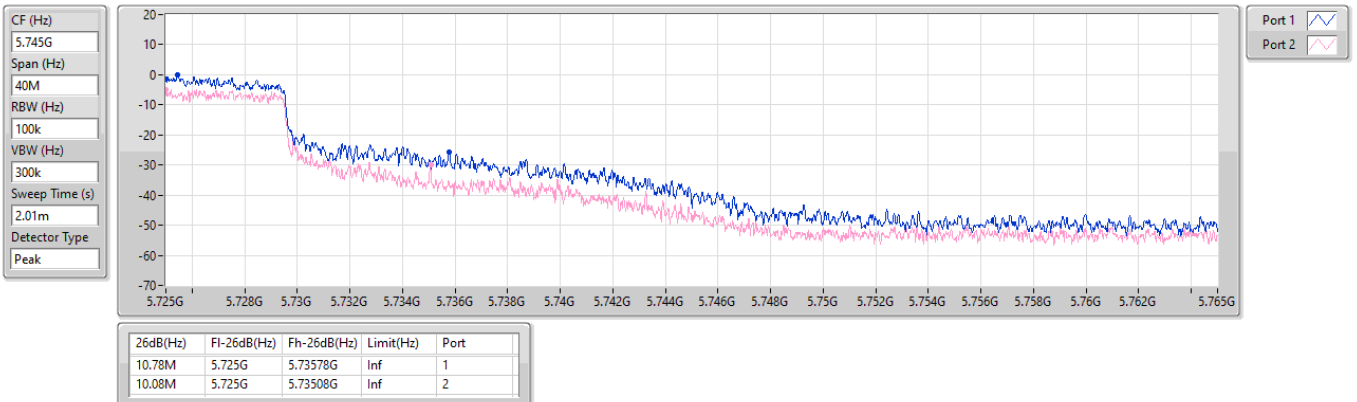


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/12/2025


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/12/2025

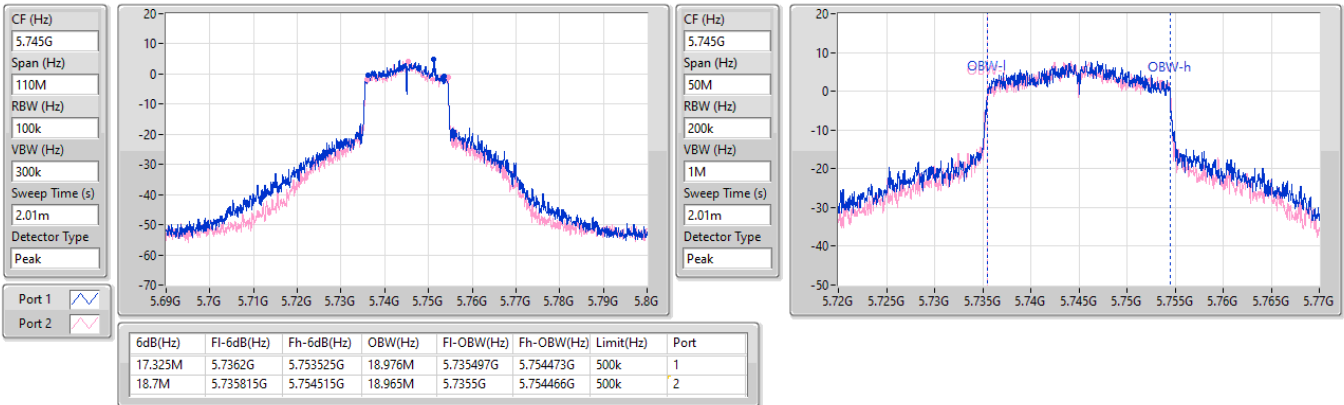


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

31/12/2025

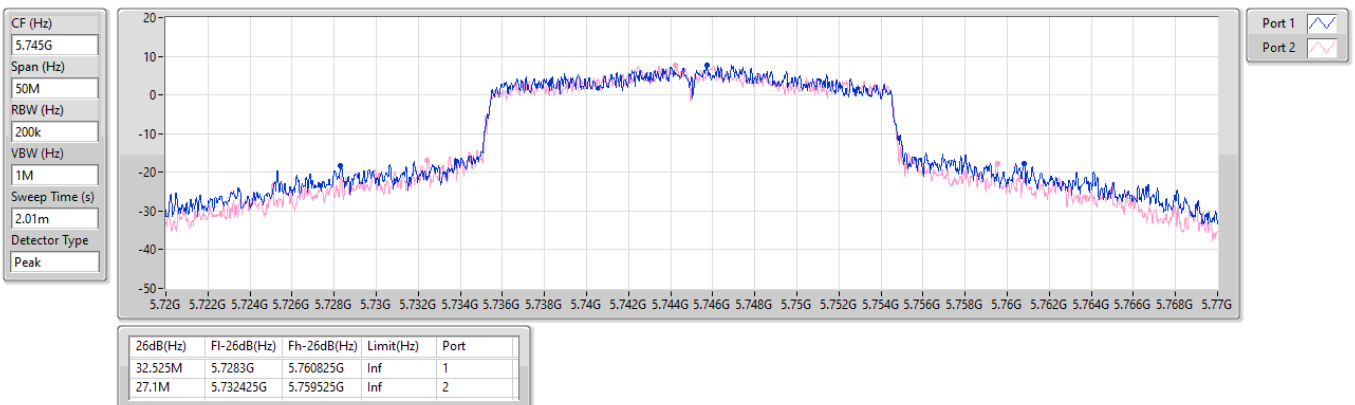


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

31/12/2025

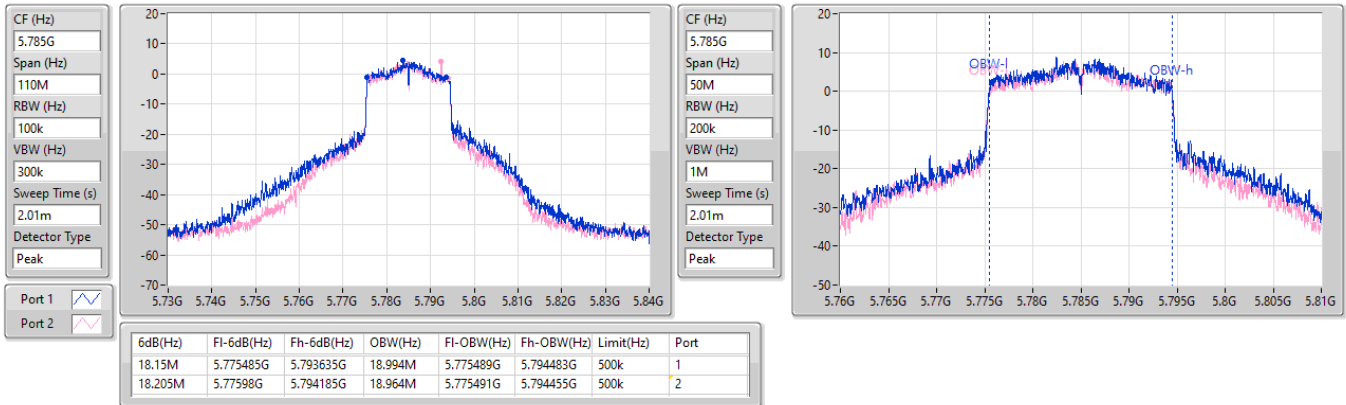


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

31/12/2025

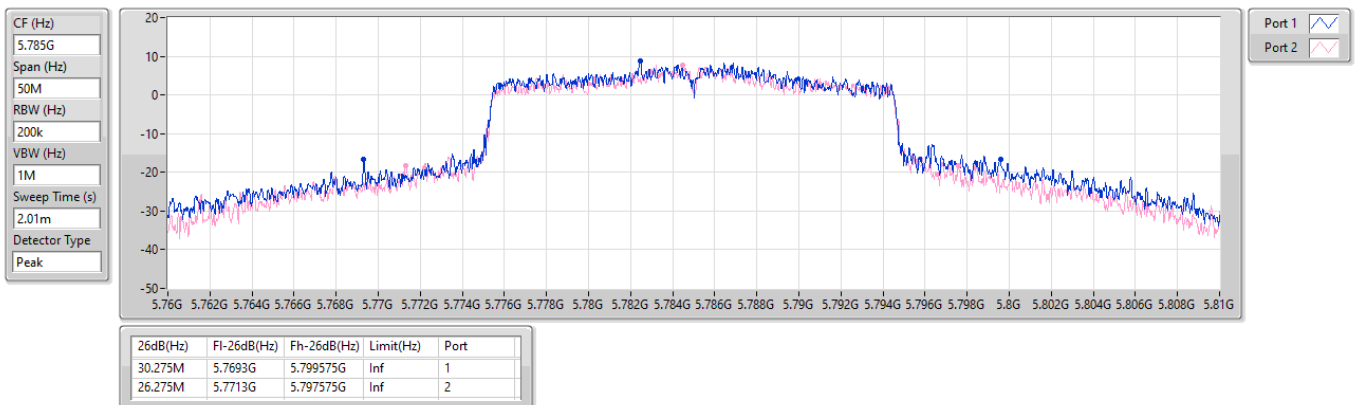


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

31/12/2025

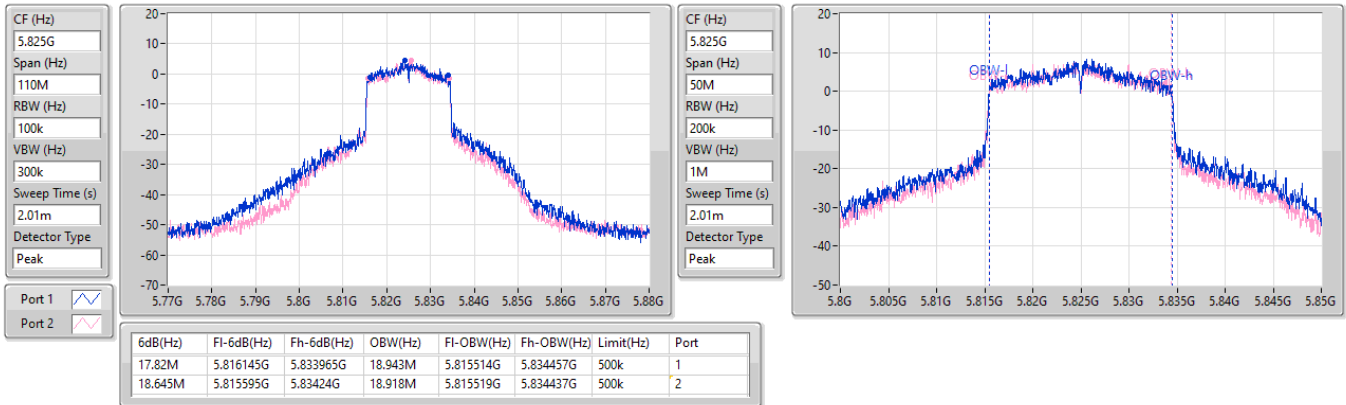


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

31/12/2025

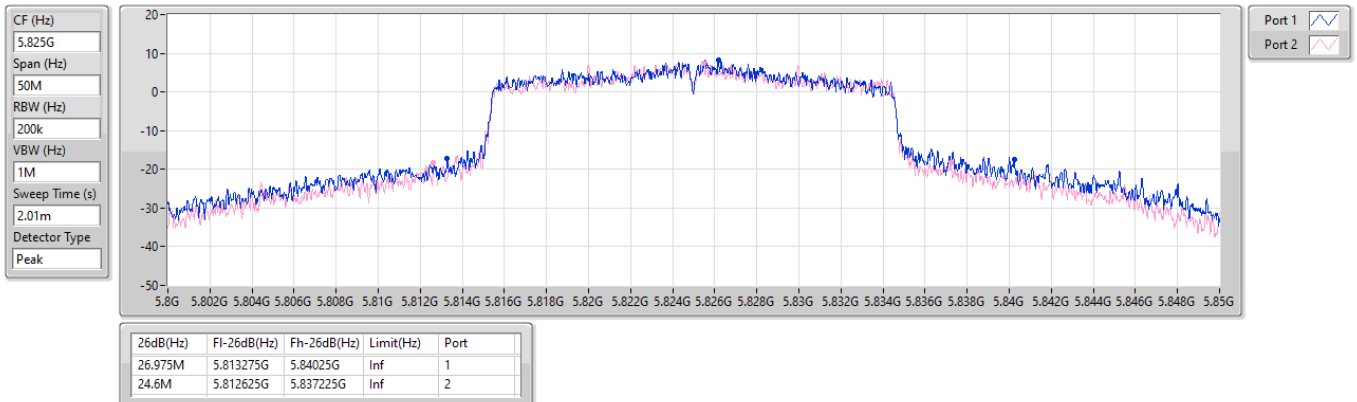


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

31/12/2025

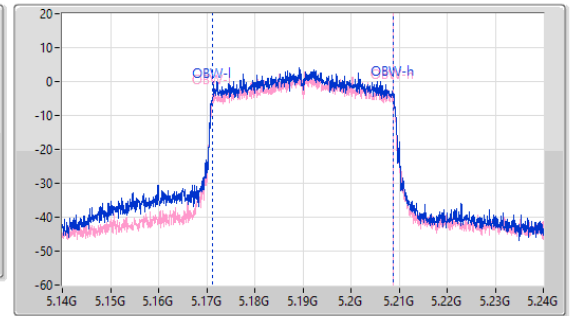
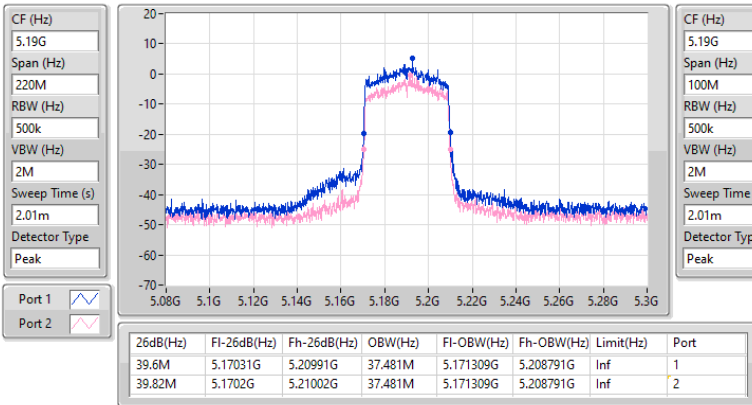


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

20/12/2025

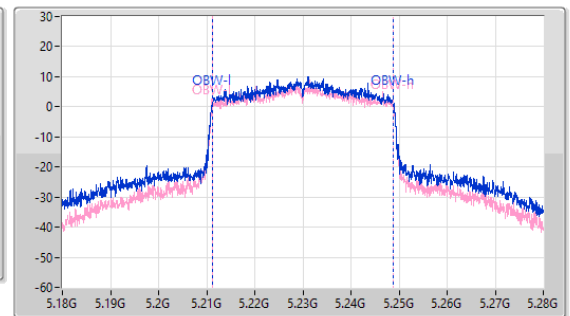
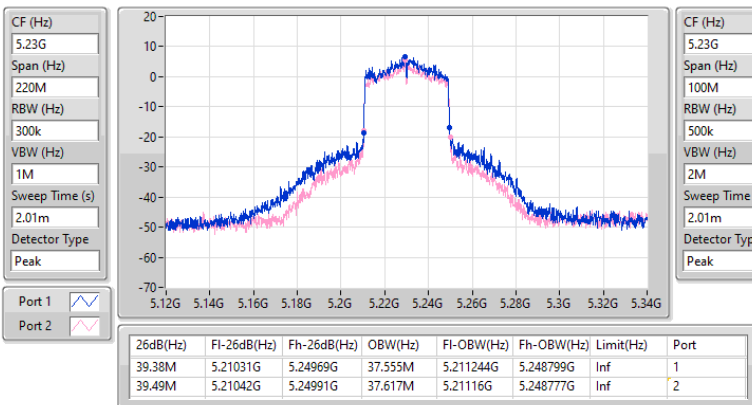


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

31/12/2025

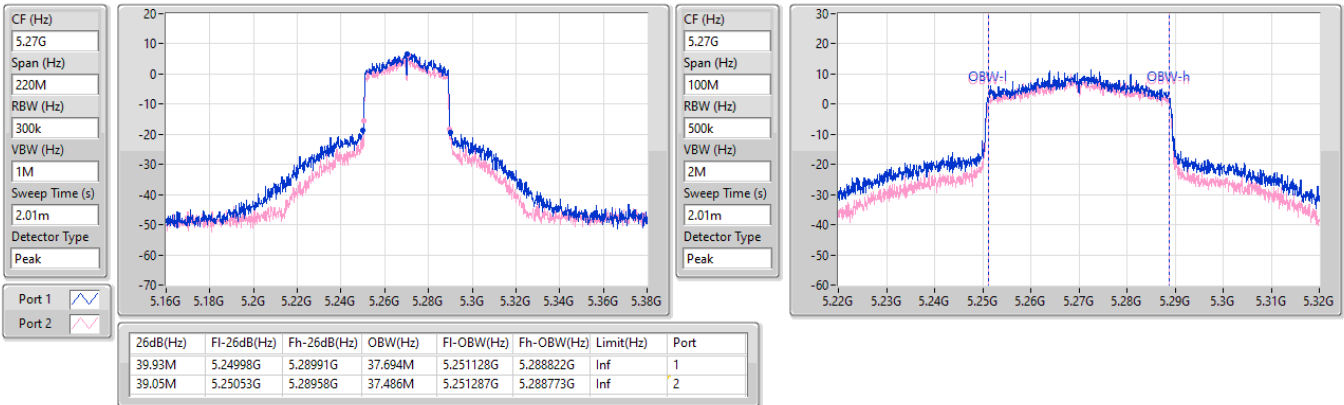


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

31/12/2025

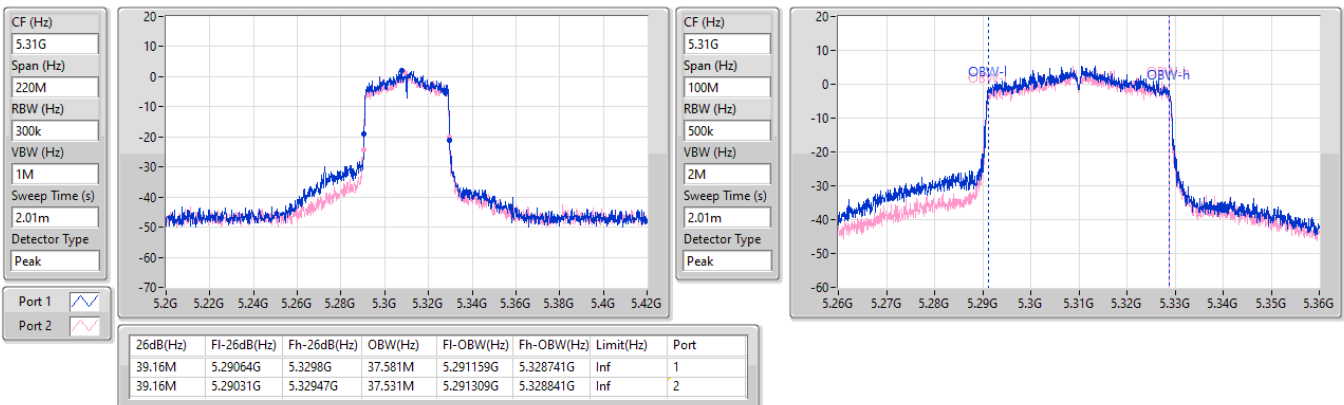


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

20/12/2025

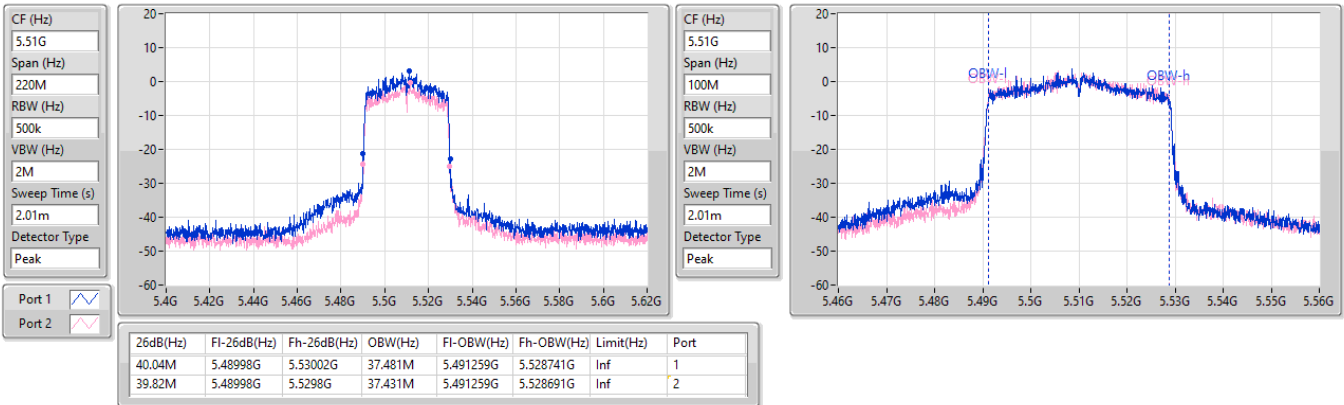


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

20/12/2025

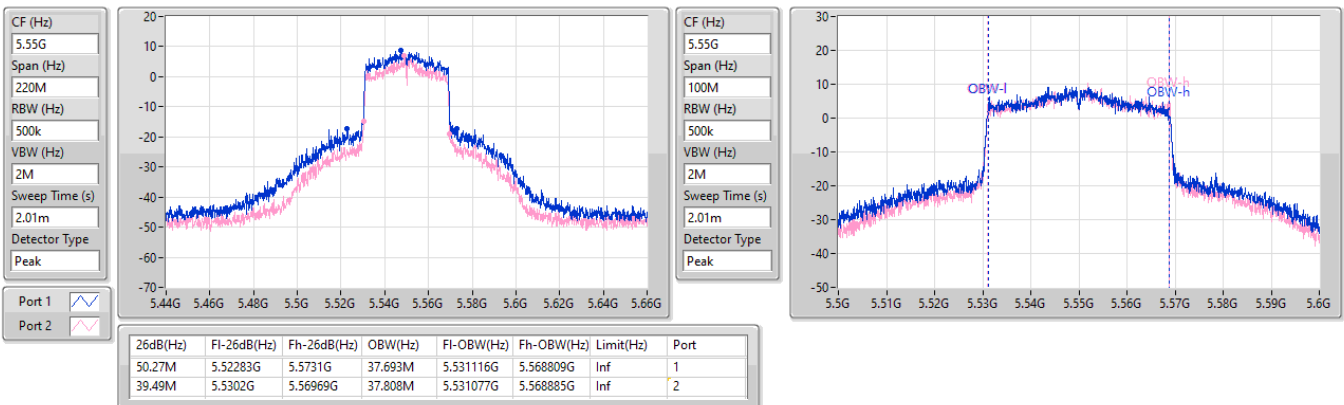


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

31/12/2025

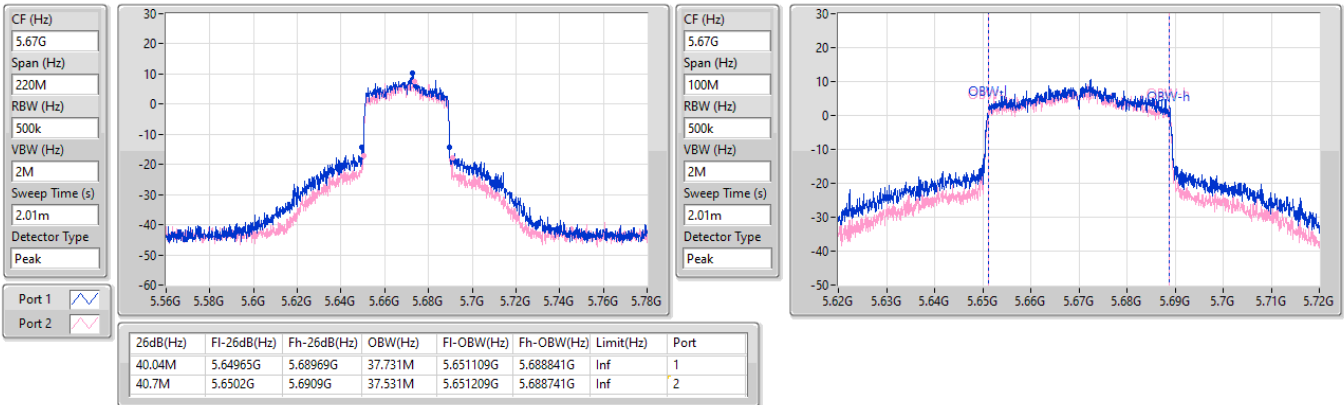


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

20/12/2025

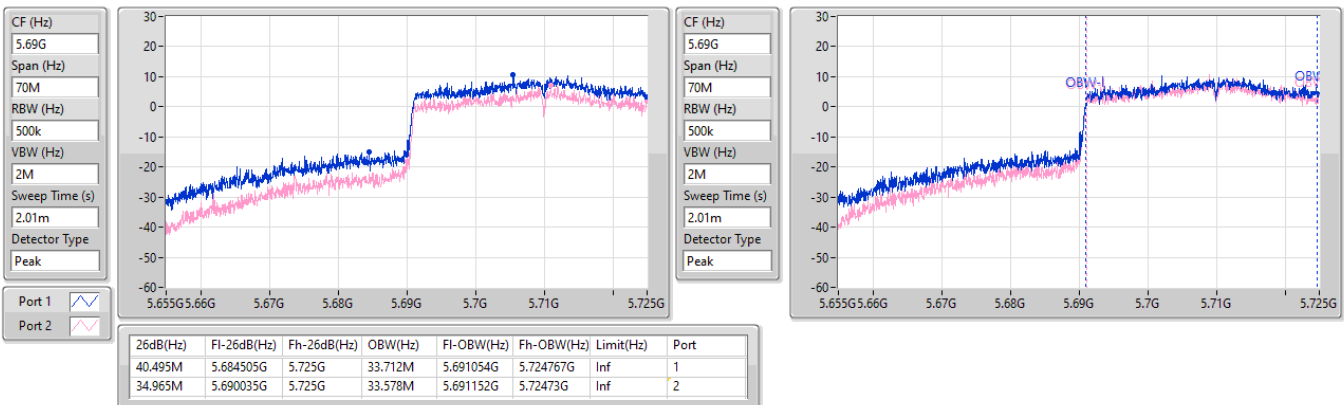


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

31/12/2025

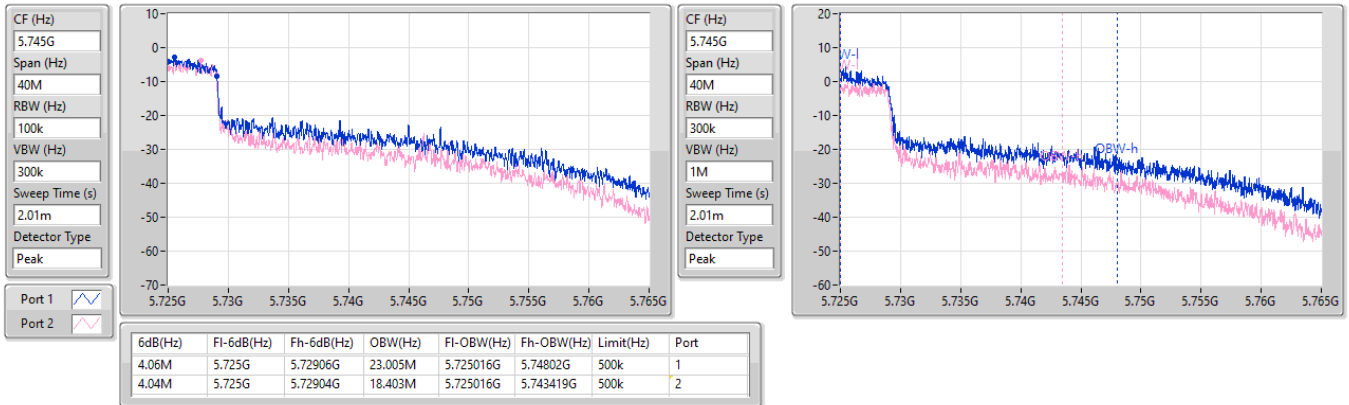


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

31/12/2025

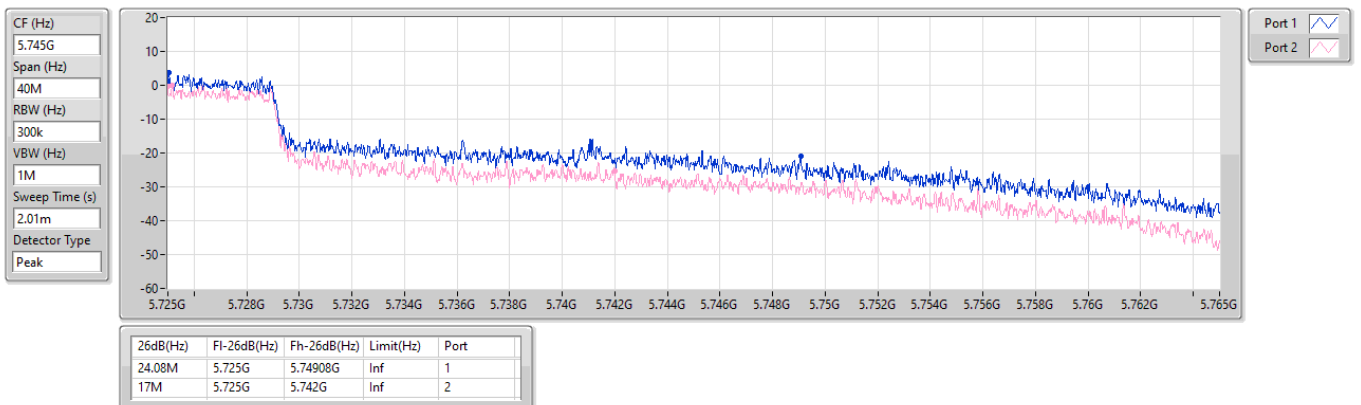


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

31/12/2025

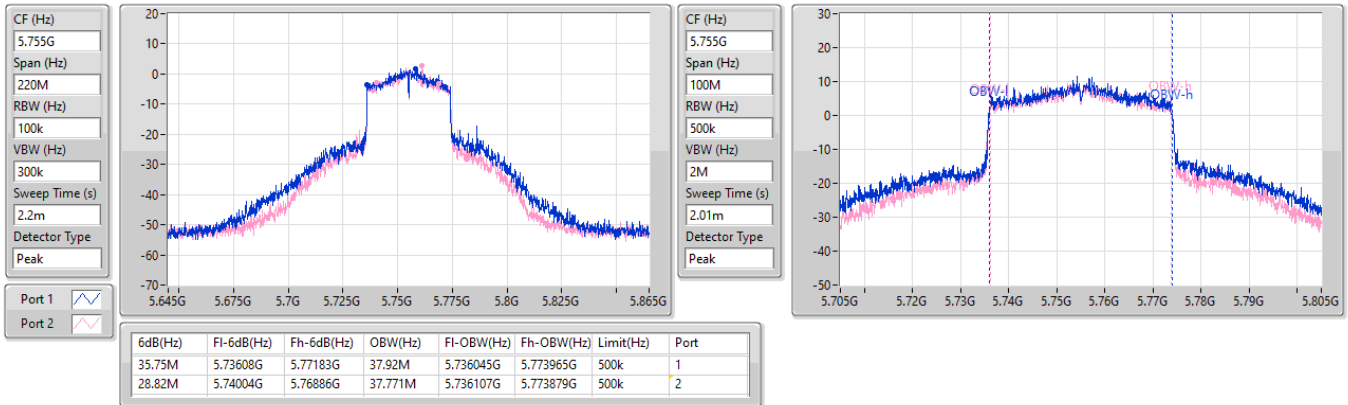


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

31/12/2025

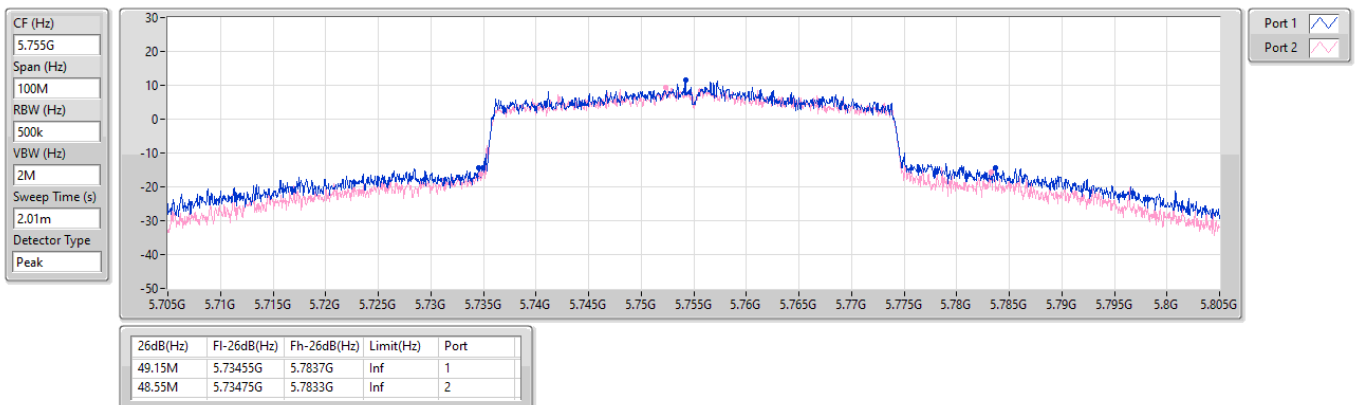


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

31/12/2025

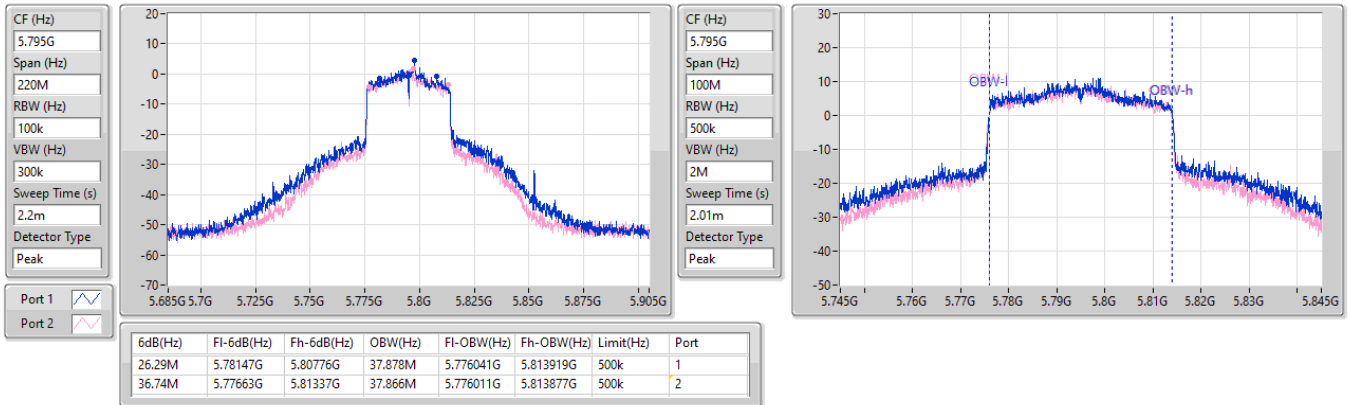


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

31/12/2025

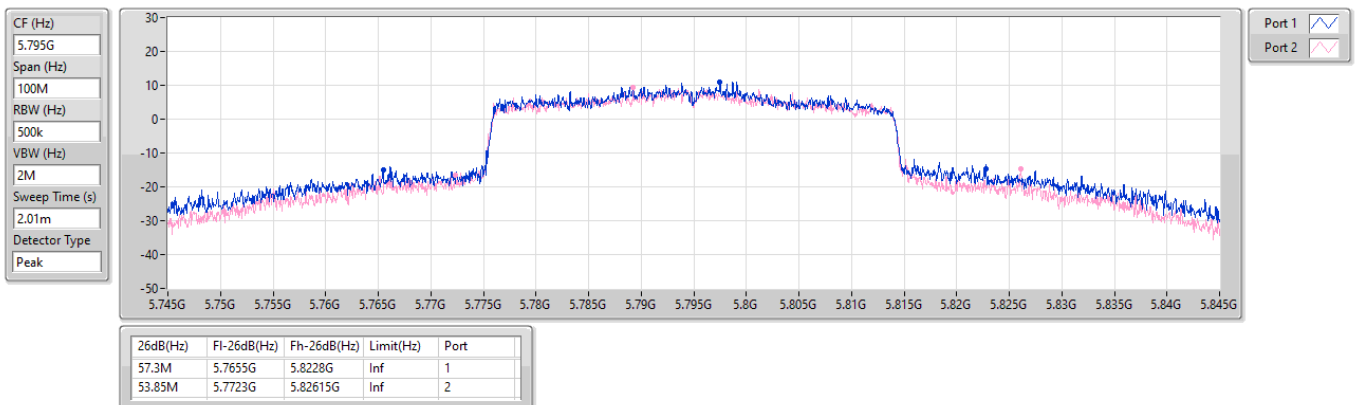


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

31/12/2025

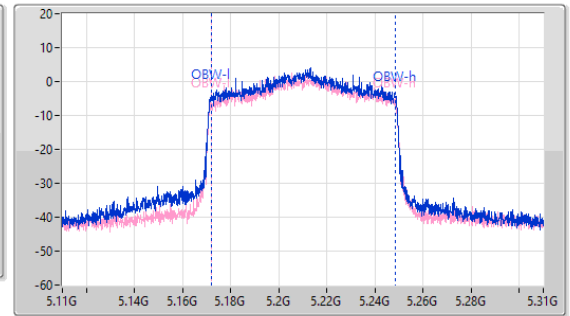
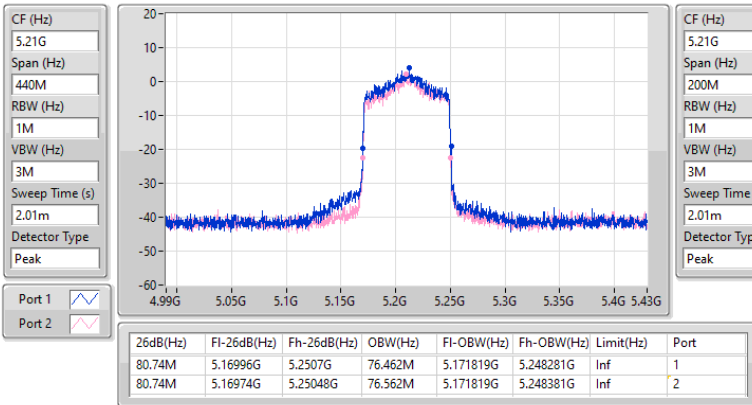


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

20/12/2025

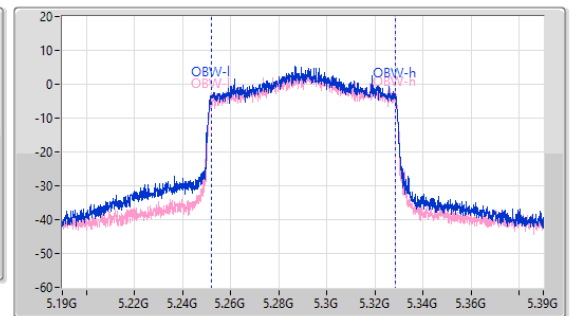
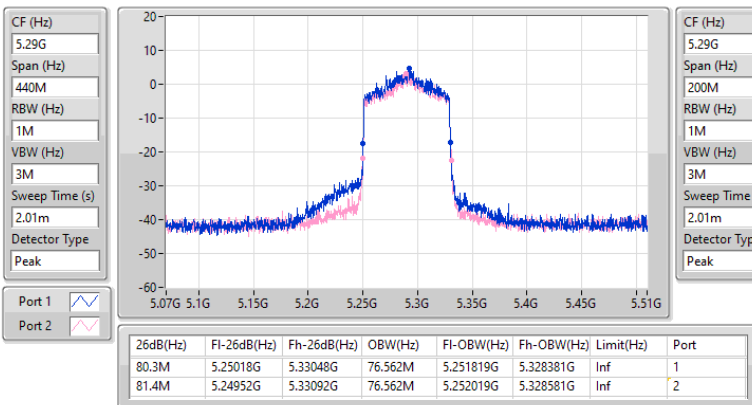


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/12/2025

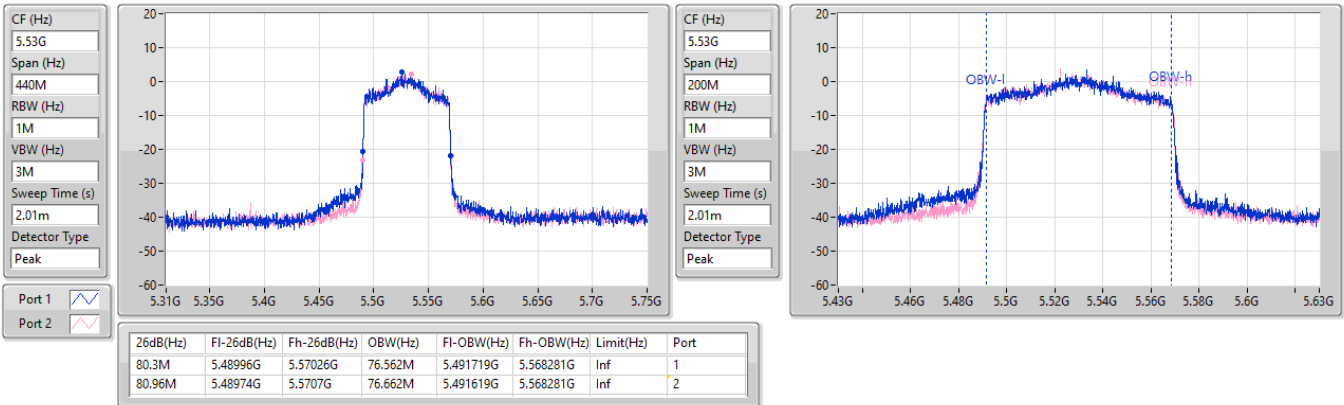


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/12/2025

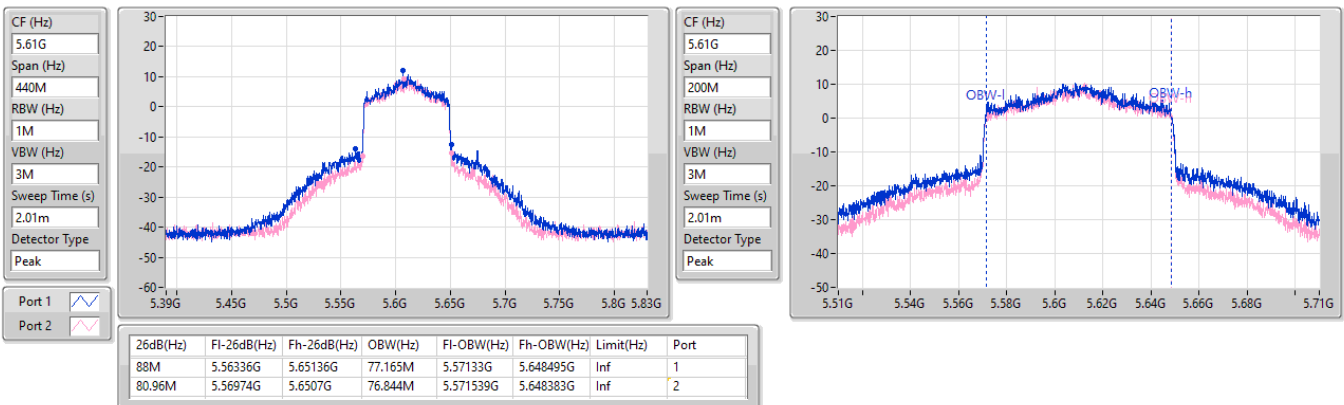


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

31/12/2025

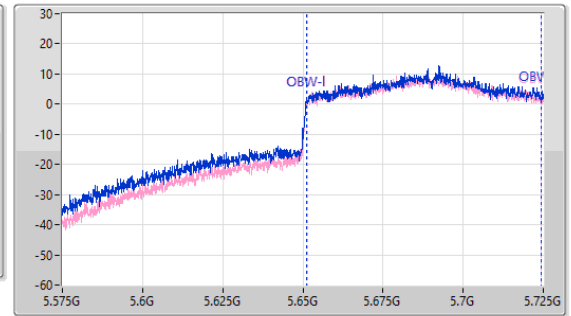
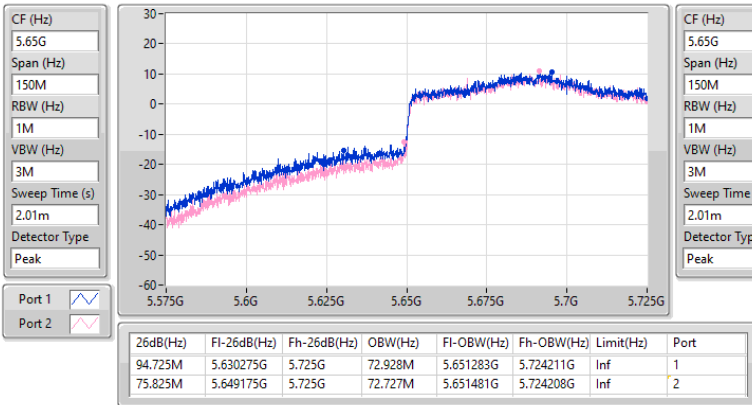


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

31/12/2025

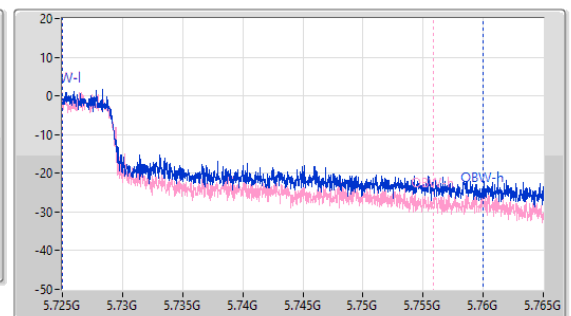
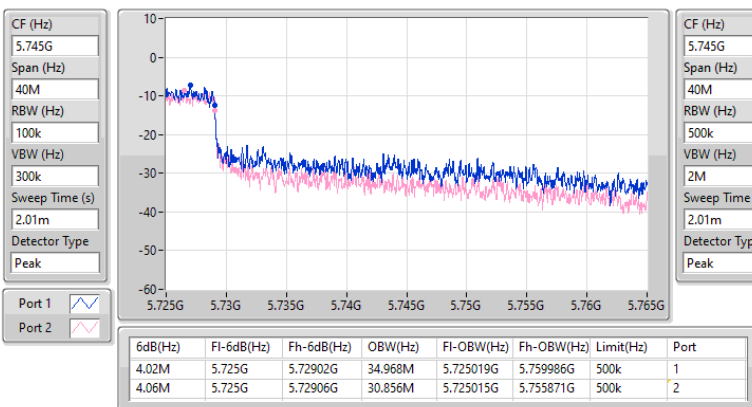


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

31/12/2025

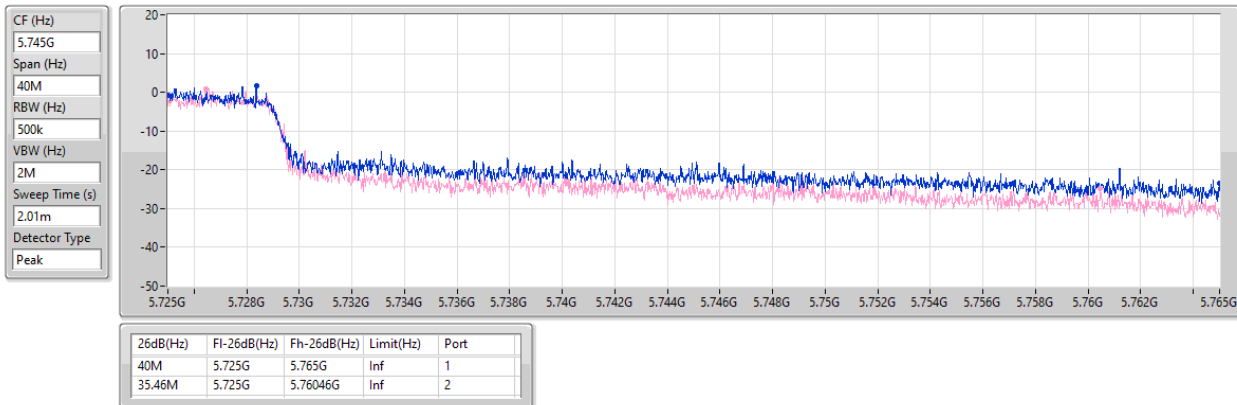


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

31/12/2025

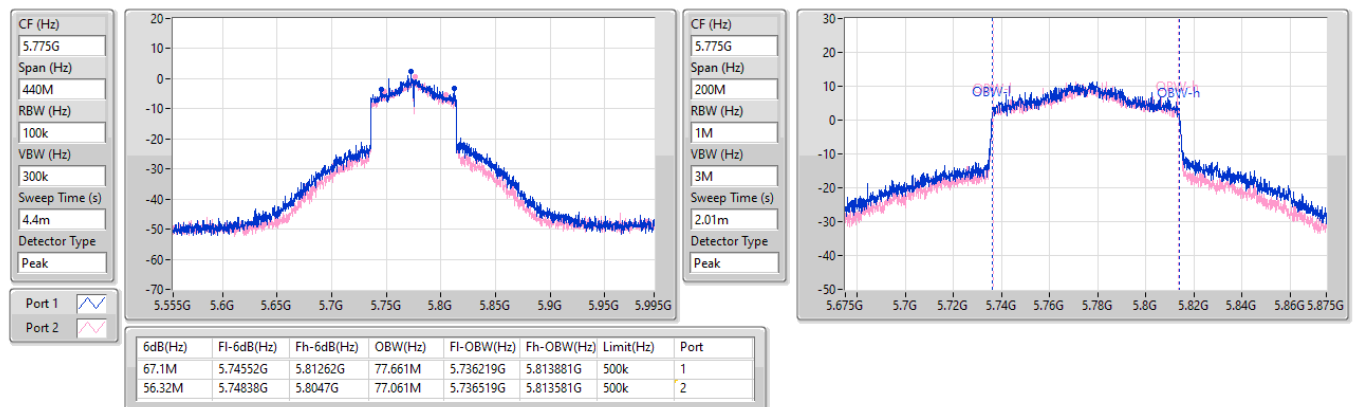


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/12/2025

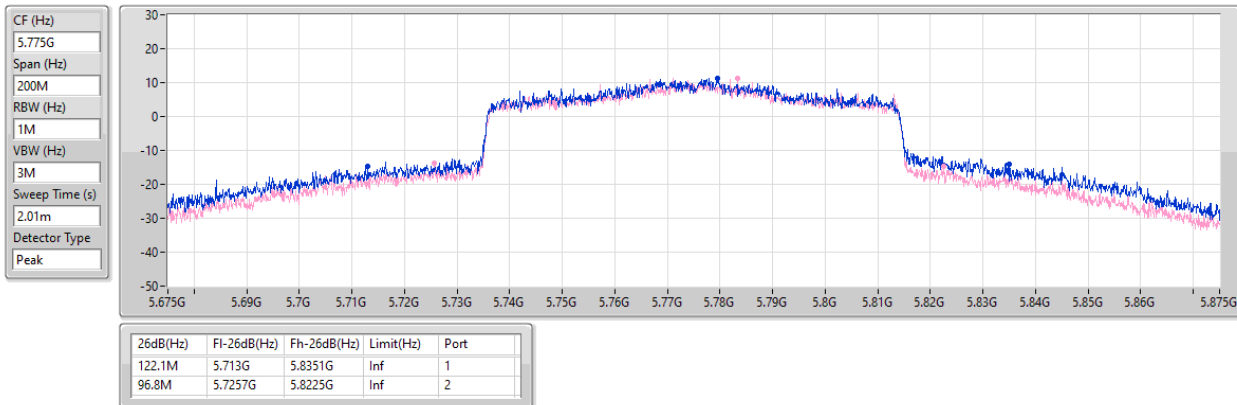


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/12/2025

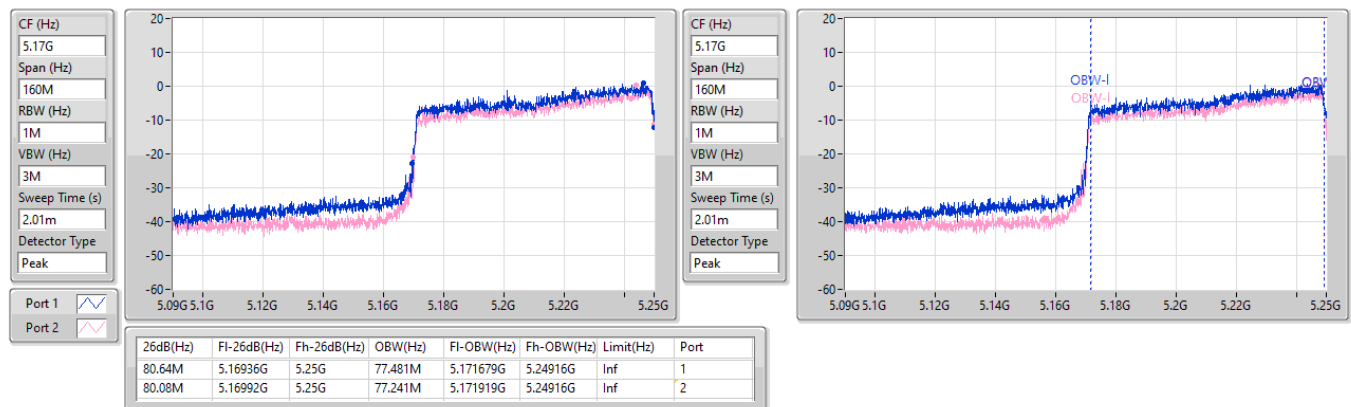


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/12/2025

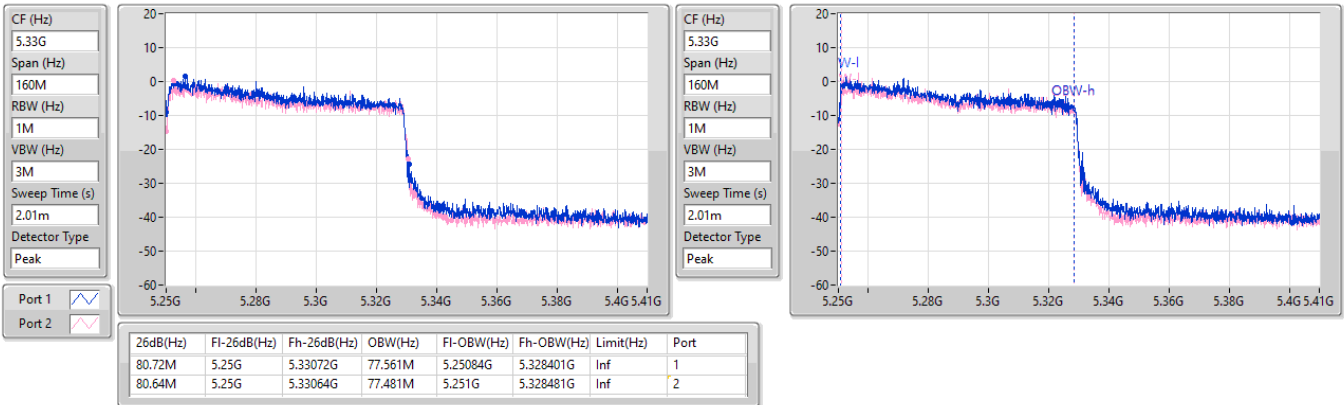


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/12/2025

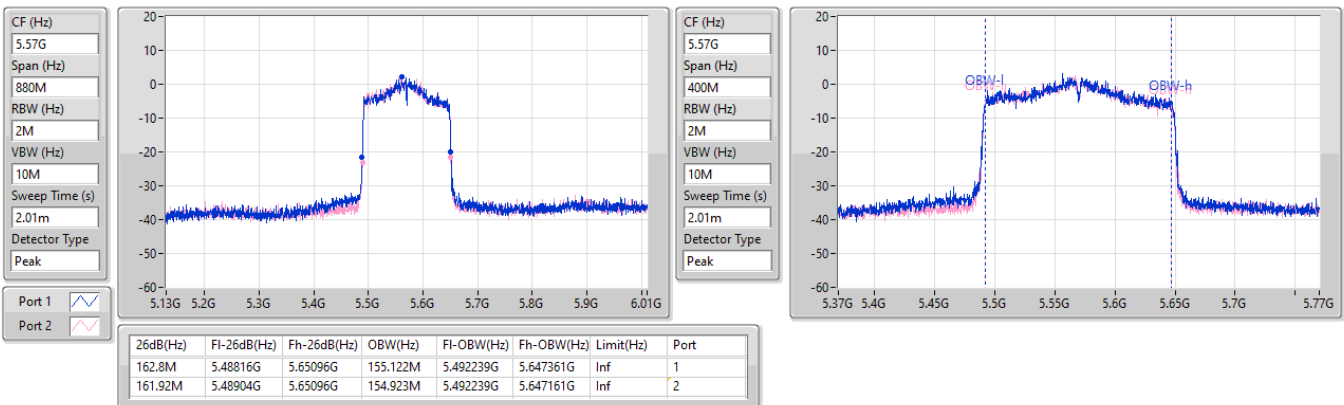


5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

20/12/2025



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.21	0.20941
802.11be EHT20_Nss1,(MCS0)_2TX	23.16	0.20701
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.16	0.20701
802.11be EHT40_Nss1,(MCS0)_2TX	25.65	0.36728
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.01	0.19999
802.11be EHT80_Nss1,(MCS0)_2TX	19.98	0.09954
802.11be EHT80-BF_Nss1,(MCS0)_2TX	19.98	0.09954
802.11be EHT160_Nss1,(MCS0)_2TX	15.83	0.03828
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.83	0.03828
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	16.88	0.04875
802.11be EHT20_Nss1,(MCS0)_2TX	17.20	0.05248
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.75	0.04732
802.11be EHT40_Nss1,(MCS0)_2TX	18.93	0.07816
802.11be EHT40-BF_Nss1,(MCS0)_2TX	16.57	0.04539
802.11be EHT80_Nss1,(MCS0)_2TX	17.54	0.05675
802.11be EHT80-BF_Nss1,(MCS0)_2TX	16.66	0.04634
802.11be EHT160_Nss1,(MCS0)_2TX	15.44	0.03499
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.44	0.03499
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	17.32	0.05395
802.11be EHT20_Nss1,(MCS0)_2TX	17.69	0.05875
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.21	0.05260
802.11be EHT40_Nss1,(MCS0)_2TX	19.81	0.09572
802.11be EHT40-BF_Nss1,(MCS0)_2TX	17.09	0.05117
802.11be EHT80_Nss1,(MCS0)_2TX	19.83	0.09616
802.11be EHT80-BF_Nss1,(MCS0)_2TX	17.17	0.05212
802.11be EHT160_Nss1,(MCS0)_2TX	17.64	0.05808
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.09	0.05117
be240_240MHz_Nss1,(MCS0)_2TX	13.47	0.02223
be240,BF_240MHz_Nss1,(MCS0)_2TX	13.47	0.02223
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.59	0.45604
802.11be EHT20_Nss1,(MCS0)_2TX	26.64	0.46132
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.97	0.24946
802.11be EHT40_Nss1,(MCS0)_2TX	26.68	0.46559
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.13	0.25882
802.11be EHT80_Nss1,(MCS0)_2TX	22.68	0.18535
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.68	0.18535
EHT240_240MHz_Nss1,(MCS0)_2TX	-4.61	0.00035
EHT240_240MHz,BF_Nss1,(MCS0)_2TX	-4.61	0.00035



Maximum Output Power (Mode 1)

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.10	19.66	20.45	23.08	25.90
5200MHz	Pass	10.10	19.78	20.33	23.07	25.90
5240MHz	Pass	10.10	19.66	20.68	23.21	25.90
5260MHz	Pass	10.80	13.31	14.37	16.88	19.18
5300MHz	Pass	10.80	13.17	14.19	16.72	19.18
5320MHz	Pass	10.80	12.92	13.99	16.50	19.18
5500MHz	Pass	10.00	13.63	14.65	17.18	19.98
5580MHz	Pass	10.00	13.68	14.47	17.10	19.98
5700MHz	Pass	10.00	14.12	14.49	17.32	19.98
5720MHz Straddle 5.47-5.725GHz	Pass	10.00	12.80	13.05	15.94	19.01
5720MHz Straddle 5.725-5.85GHz	Pass	9.10	6.73	7.19	9.98	26.90
5745MHz	Pass	9.10	20.55	21.18	23.89	26.90
5785MHz	Pass	9.10	23.34	23.80	26.59	26.90
5825MHz	Pass	9.10	23.26	23.78	26.54	26.90
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.10	18.75	19.67	22.24	25.90
5200MHz	Pass	10.10	19.77	20.49	23.16	25.90
5240MHz	Pass	10.10	19.76	20.44	23.12	25.90
5260MHz	Pass	10.80	13.21	14.22	16.75	19.18
5300MHz	Pass	10.80	13.76	14.58	17.20	19.18
5320MHz	Pass	10.80	13.68	14.49	17.11	19.18
5500MHz	Pass	10.00	14.20	15.05	17.66	19.98
5580MHz	Pass	10.00	14.37	14.96	17.69	19.98
5700MHz	Pass	10.00	14.31	14.67	17.50	19.98
5720MHz Straddle 5.47-5.725GHz	Pass	10.00	13.20	13.47	16.35	18.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.10	8.25	8.63	11.45	26.90
5745MHz	Pass	9.10	21.66	22.09	24.89	26.90
5785MHz	Pass	9.10	23.51	23.74	26.64	26.90
5825MHz	Pass	9.10	23.20	23.77	26.50	26.90
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.10	17.75	18.36	21.08	25.90
5230MHz	Pass	10.10	22.53	22.74	25.65	25.90
5270MHz	Pass	10.80	15.61	16.21	18.93	19.18
5310MHz	Pass	10.80	15.52	15.96	18.76	19.18
5510MHz	Pass	10.00	16.61	16.75	19.69	19.98
5550MHz	Pass	10.00	16.66	16.94	19.81	19.98
5670MHz	Pass	10.00	16.62	16.93	19.79	19.98
5710MHz Straddle 5.47-5.725GHz	Pass	10.00	16.74	16.58	19.67	19.98
5710MHz Straddle 5.725-5.85GHz	Pass	9.10	7.48	7.59	10.55	26.90
5755MHz	Pass	9.10	20.20	20.34	23.28	26.90
5795MHz	Pass	9.10	23.56	23.77	26.68	26.90
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	10.10	16.80	17.13	19.98	25.90
5290MHz	Pass	10.80	14.21	14.83	17.54	19.18
5530MHz	Pass	10.00	16.23	16.76	19.51	19.98
5610MHz	Pass	10.00	16.51	16.87	19.70	19.98
5690MHz Straddle 5.47-5.725GHz	Pass	10.00	16.74	16.89	19.83	19.98
5690MHz Straddle 5.725-5.85GHz	Pass	9.10	3.79	4.07	6.94	26.90
5775MHz	Pass	9.10	19.68	19.66	22.68	26.90
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.10	12.49	13.12	15.83	25.90
5250MHz Straddle 5.25-5.35GHz	Pass	10.80	12.14	12.70	15.44	19.18
5570MHz	Pass	10.00	14.39	14.85	17.64	19.98
EHT240_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-



Maximum Output Power (Mode 1)

Appendix C.1

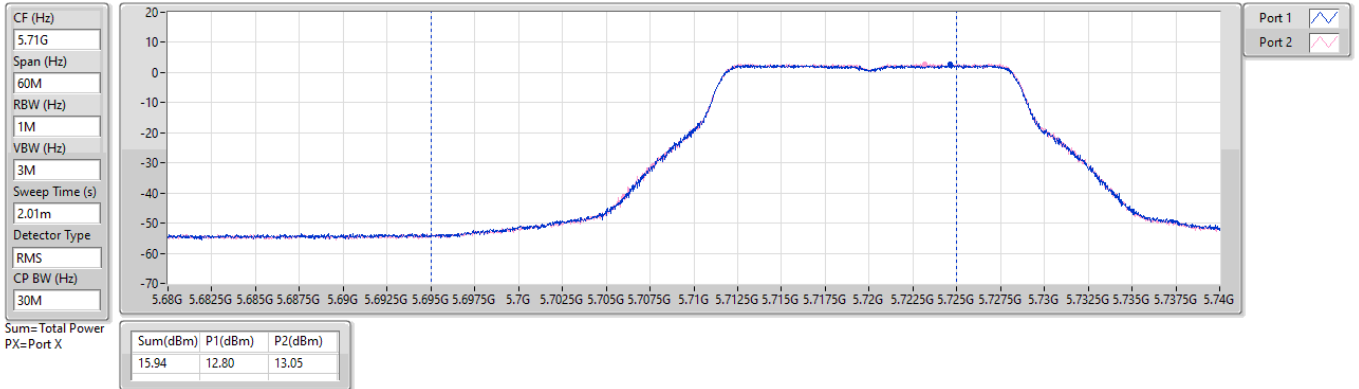
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5610MHz Straddle 5.47-5.725GHz	Pass	10.00	10.36	10.55	13.47	19.98
5610MHz Straddle 5.725-5.85GHz	Pass	9.10	-7.77	-7.48	-4.61	26.90
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	12.82	18.75	19.67	22.24	23.18
5200MHz	Pass	12.82	19.77	20.49	23.16	23.18
5240MHz	Pass	12.82	19.76	20.44	23.12	23.18
5260MHz	Pass	13.14	13.21	14.22	16.75	16.84
5300MHz	Pass	13.14	12.89	13.83	16.40	16.84
5320MHz	Pass	13.14	13.02	14.12	16.62	16.84
5500MHz	Pass	12.67	13.50	14.54	17.06	17.31
5580MHz	Pass	12.67	13.80	14.57	17.21	17.31
5700MHz	Pass	12.67	13.67	14.06	16.88	17.31
5720MHz Straddle 5.47-5.725GHz	Pass	12.67	13.20	13.47	16.35	17.31
5720MHz Straddle 5.725-5.85GHz	Pass	11.82	8.25	8.63	11.45	24.18
5745MHz	Pass	11.82	20.67	21.23	23.97	24.18
5785MHz	Pass	11.82	20.71	21.00	23.87	24.18
5825MHz	Pass	11.82	20.46	21.14	23.82	24.18
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	12.82	17.75	18.36	21.08	23.18
5230MHz	Pass	12.82	19.85	20.15	23.01	23.18
5270MHz	Pass	13.14	13.26	13.84	16.57	16.84
5310MHz	Pass	13.14	13.18	13.58	16.39	16.84
5510MHz	Pass	12.67	13.83	14.03	16.94	17.31
5550MHz	Pass	12.67	13.98	14.18	17.09	17.31
5670MHz	Pass	12.67	13.99	13.80	16.91	17.31
5710MHz Straddle 5.47-5.725GHz	Pass	12.67	13.99	13.93	16.97	17.31
5710MHz Straddle 5.725-5.85GHz	Pass	11.82	4.64	4.71	7.69	24.18
5755MHz	Pass	11.82	20.20	20.34	23.28	24.18
5795MHz	Pass	11.82	21.05	21.18	24.13	24.18
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	12.82	16.80	17.13	19.98	23.18
5290MHz	Pass	13.14	13.42	13.86	16.66	16.84
5530MHz	Pass	12.67	13.94	14.36	17.17	17.31
5610MHz	Pass	12.67	13.90	14.17	17.05	17.31
5690MHz Straddle 5.47-5.725GHz	Pass	12.67	13.91	14.14	17.04	17.31
5690MHz Straddle 5.725-5.85GHz	Pass	11.82	0.92	1.12	4.03	24.18
5775MHz	Pass	11.82	19.68	19.66	22.68	24.18
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.82	12.49	13.12	15.83	23.18
5250MHz Straddle 5.25-5.35GHz	Pass	13.14	12.14	12.70	15.44	16.84
5570MHz	Pass	12.67	13.88	14.28	17.09	17.31
EHT240_240MHz,BF_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	12.67	10.36	10.55	13.47	17.31
5610MHz Straddle 5.725-5.85GHz	Pass	11.82	-7.77	-7.48	-4.61	24.18

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

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

AV Power

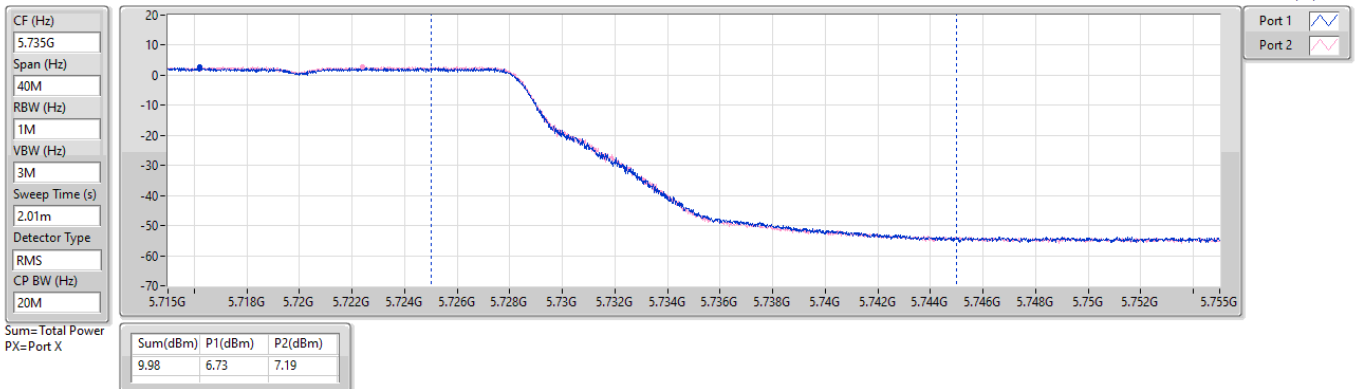
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

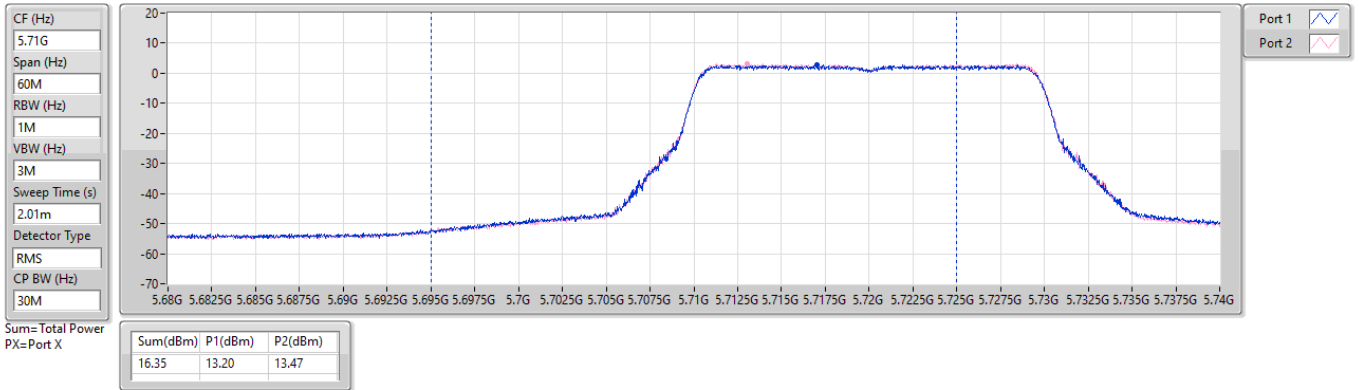
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

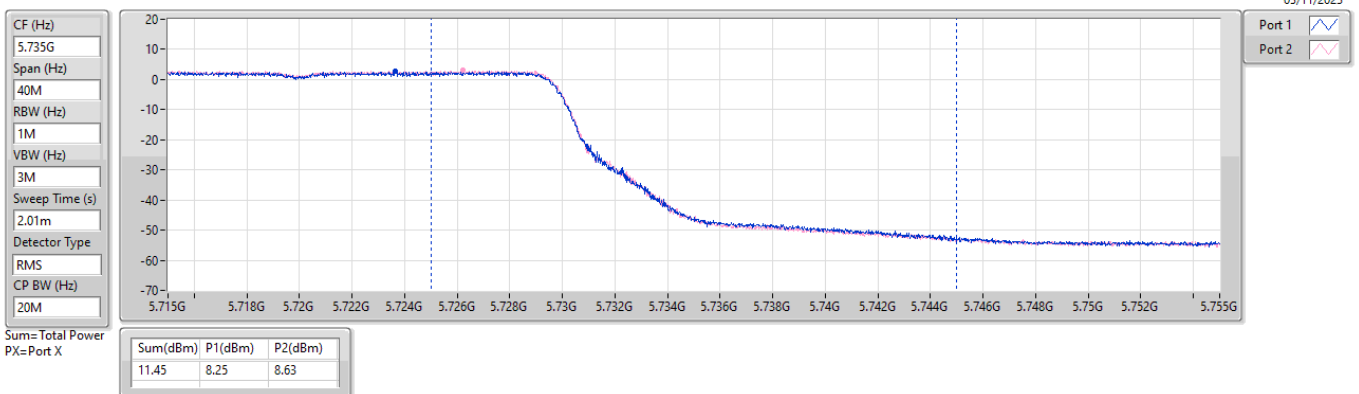
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

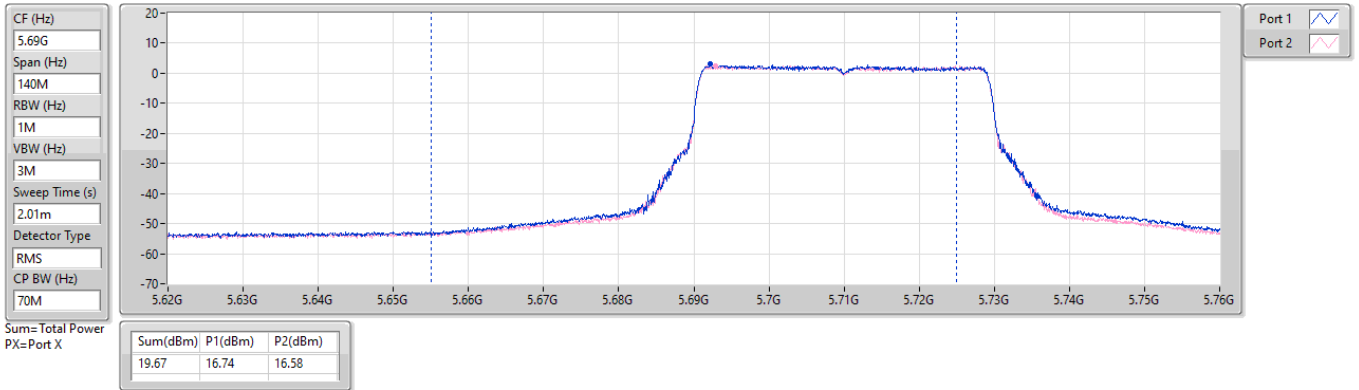
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

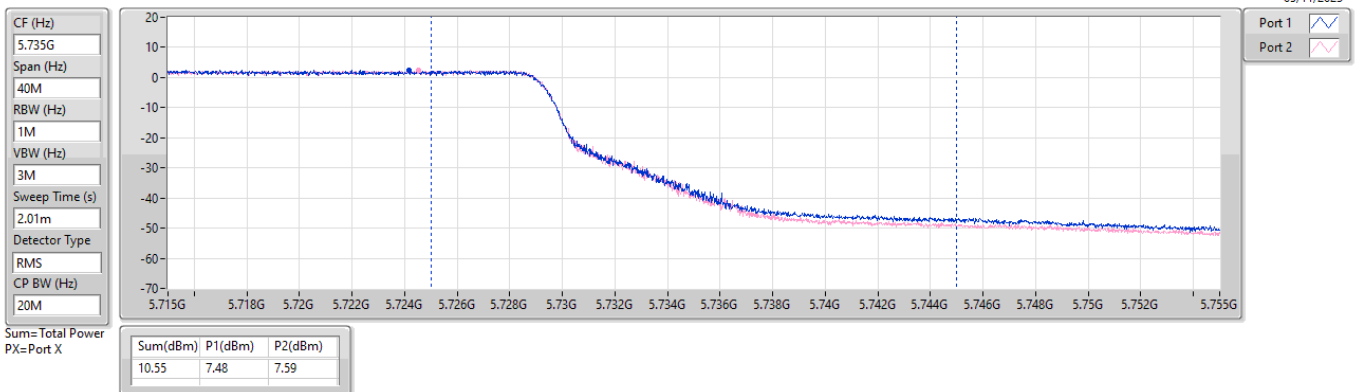
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

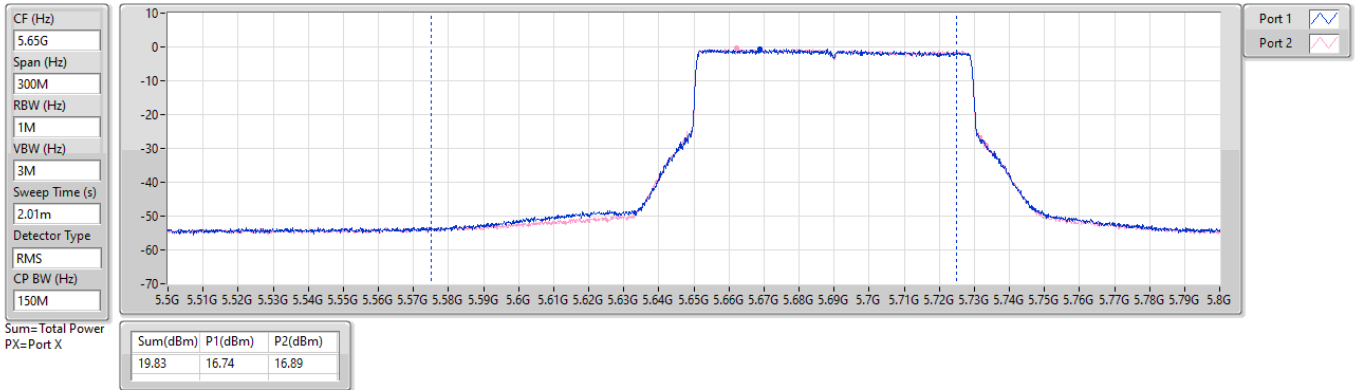
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

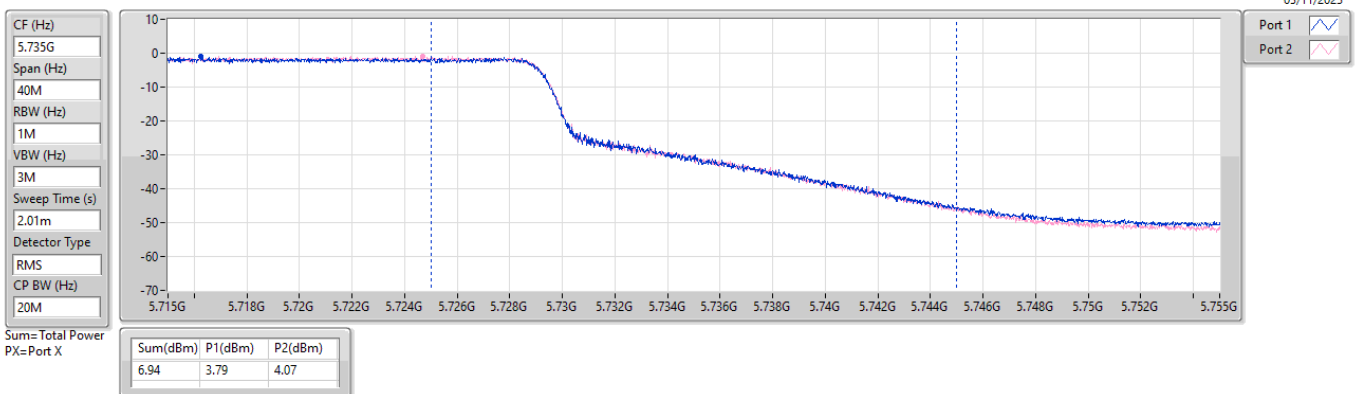
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

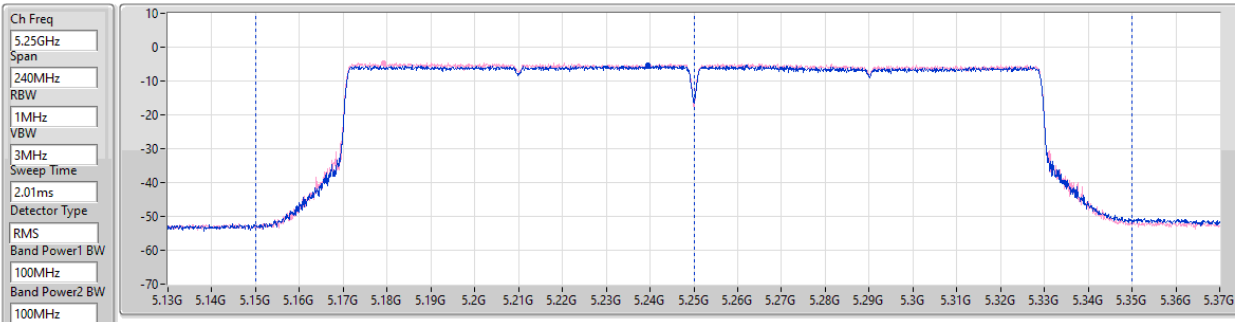


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

03/11/2025



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.83	12.49	13.12

5250~5350MHz

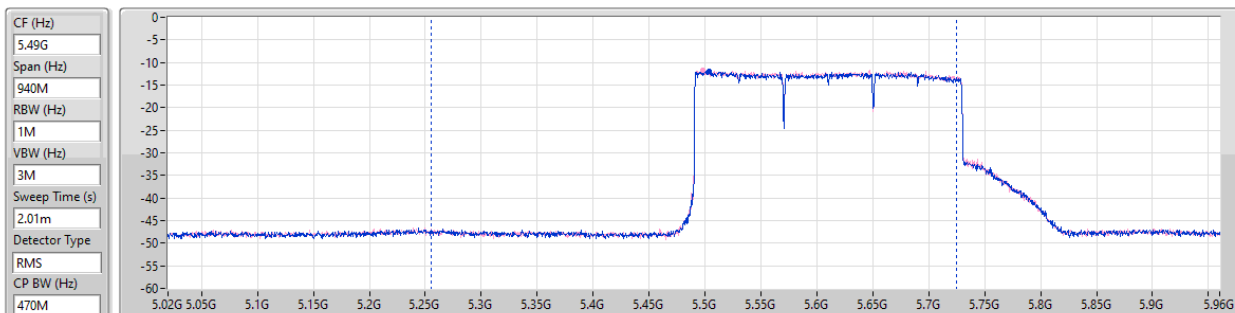
Sum(dBm)	P1(dBm)	P2(dBm)
15.44	12.14	12.70

5.47-5.725GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

AV Power

5610MHz Straddle 5.47-5.725GHz_TX

17/11/2025



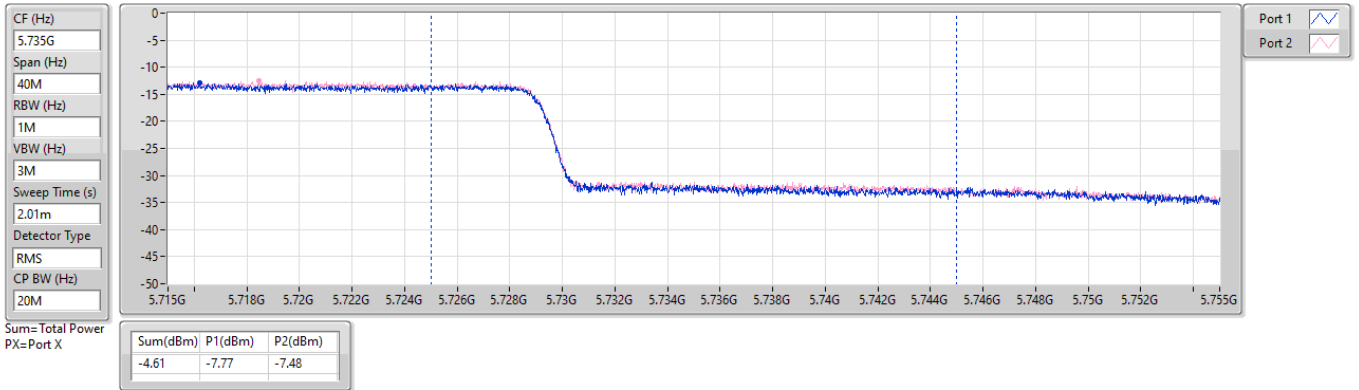
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.47	10.36	10.55

5.725-5.85GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

AV Power

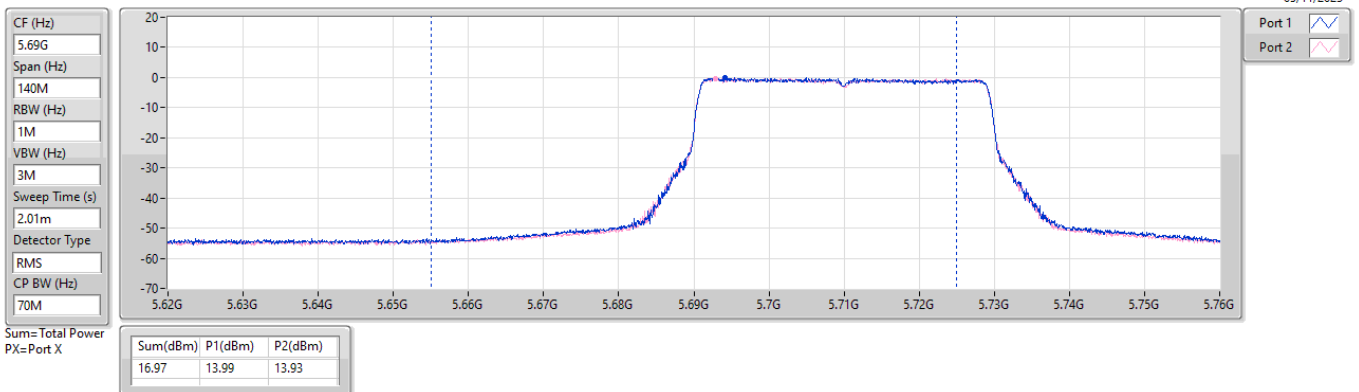
5610MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

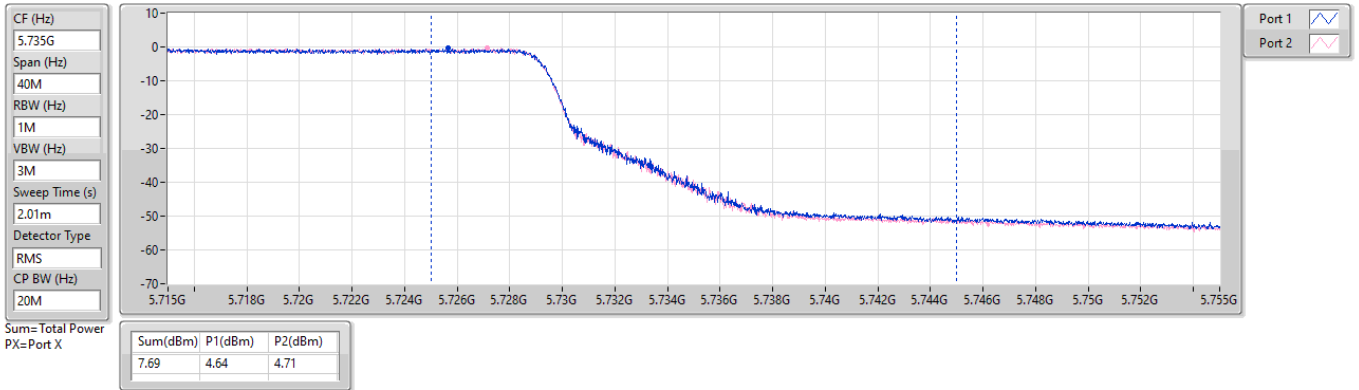
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

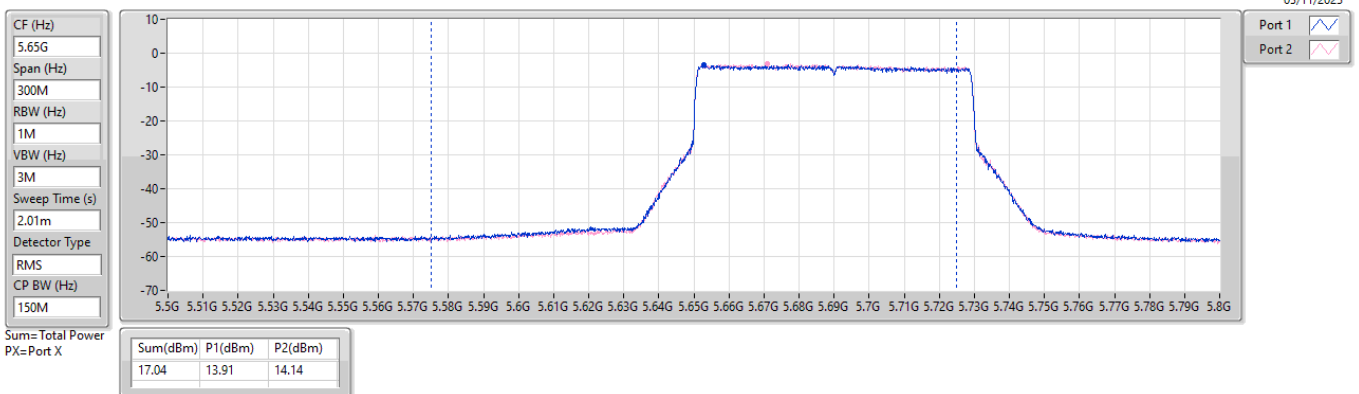
5710MHz Straddle 5.725-5.85GHz_TX

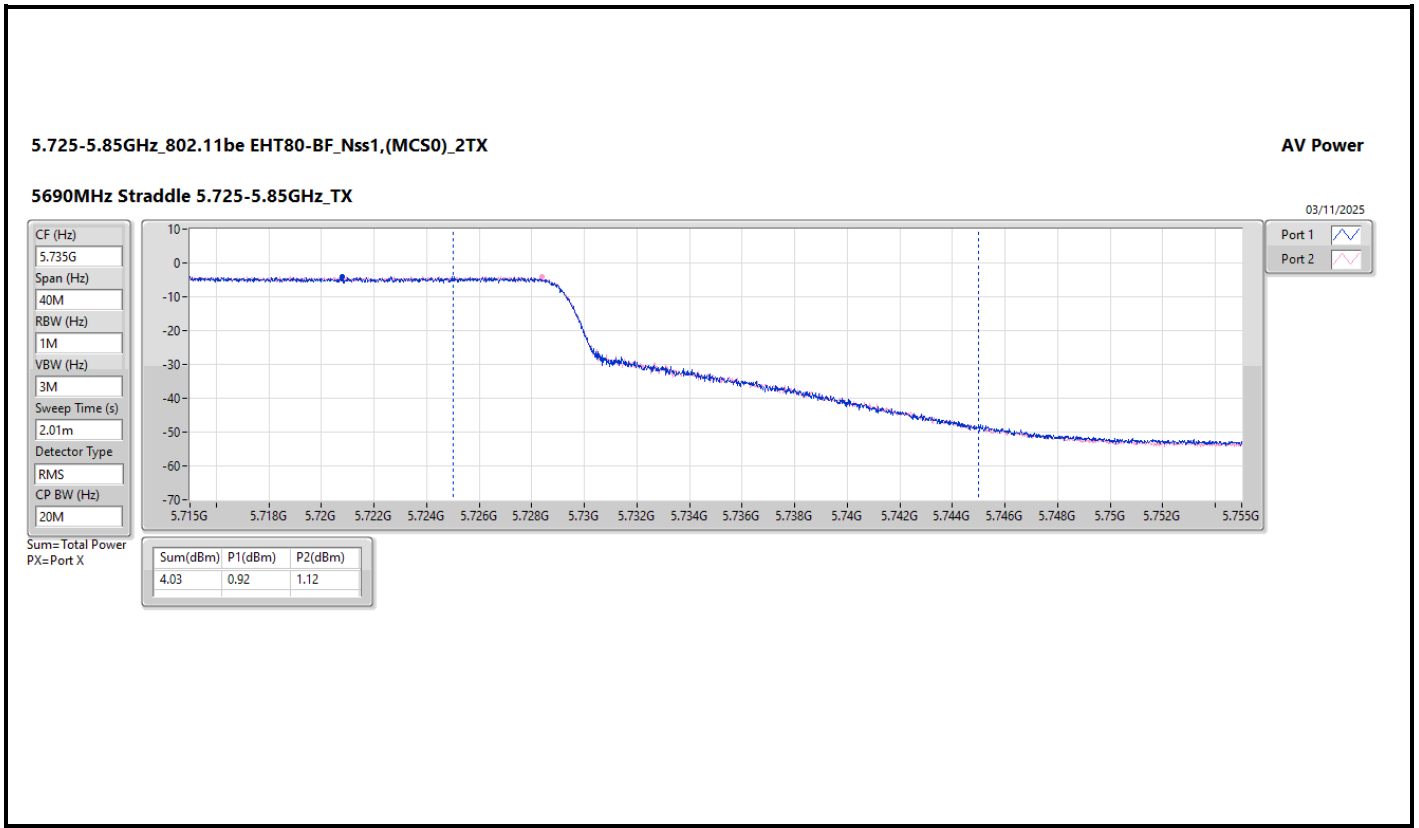


5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.21	0.20941
802.11be EHT20_Nss1,(MCS0)_2TX	23.16	0.20701
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.16	0.20701
802.11be EHT40_Nss1,(MCS0)_2TX	24.70	0.29512
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.01	0.19999
802.11be EHT80_Nss1,(MCS0)_2TX	19.98	0.09954
802.11be EHT80-BF_Nss1,(MCS0)_2TX	19.98	0.09954
802.11be EHT160_Nss1,(MCS0)_2TX	15.83	0.03828
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.83	0.03828
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	16.88	0.04875
802.11be EHT20_Nss1,(MCS0)_2TX	17.20	0.05248
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.75	0.04732
802.11be EHT40_Nss1,(MCS0)_2TX	18.93	0.07816
802.11be EHT40-BF_Nss1,(MCS0)_2TX	16.57	0.04539
802.11be EHT80_Nss1,(MCS0)_2TX	17.54	0.05675
802.11be EHT80-BF_Nss1,(MCS0)_2TX	16.66	0.04634
802.11be EHT160_Nss1,(MCS0)_2TX	15.44	0.03499
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.44	0.03499
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	17.32	0.05395
802.11be EHT20_Nss1,(MCS0)_2TX	17.69	0.05875
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.21	0.05260
802.11be EHT40_Nss1,(MCS0)_2TX	19.81	0.09572
802.11be EHT40-BF_Nss1,(MCS0)_2TX	17.09	0.05117
802.11be EHT80_Nss1,(MCS0)_2TX	19.83	0.09616
802.11be EHT80-BF_Nss1,(MCS0)_2TX	17.17	0.05212
802.11be EHT160_Nss1,(MCS0)_2TX	17.64	0.05808
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.09	0.05117
EHT240_240MHz_Nss1,(MCS0)_2TX	13.47	0.02223
EHT240_240MHz,BF_Nss1,(MCS0)_2TX	13.47	0.02223
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.59	0.45604
802.11be EHT20_Nss1,(MCS0)_2TX	26.64	0.46132
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.97	0.24946
802.11be EHT40_Nss1,(MCS0)_2TX	26.68	0.46559
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.13	0.25882
802.11be EHT80_Nss1,(MCS0)_2TX	22.68	0.18535
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.68	0.18535
EHT240_240MHz_Nss1,(MCS0)_2TX	-4.61	0.00035
EHT240_240MHz,BF_Nss1,(MCS0)_2TX	-4.61	0.00035



Maximum Output Power (Mode 2)

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.10	19.66	20.45	23.08	25.90
5200MHz	Pass	10.10	19.78	20.33	23.07	25.90
5240MHz	Pass	10.10	19.66	20.68	23.21	25.90
5260MHz	Pass	10.80	13.31	14.37	16.88	19.18
5300MHz	Pass	10.80	13.17	14.19	16.72	19.18
5320MHz	Pass	10.80	12.92	13.99	16.50	19.18
5500MHz	Pass	10.00	13.63	14.65	17.18	19.98
5580MHz	Pass	10.00	13.68	14.47	17.10	19.98
5700MHz	Pass	10.00	14.12	14.49	17.32	19.98
5720MHz Straddle 5.47-5.725GHz	Pass	10.00	12.8	13.05	15.94	19.01
5720MHz Straddle 5.725-5.85GHz	Pass	9.10	6.73	7.19	9.98	26.90
5745MHz	Pass	9.10	20.55	21.18	23.89	26.90
5785MHz	Pass	9.10	23.34	23.8	26.59	26.90
5825MHz	Pass	9.10	23.26	23.78	26.54	26.90
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.10	18.75	19.67	22.24	25.90
5200MHz	Pass	10.10	19.77	20.49	23.16	25.90
5240MHz	Pass	10.10	19.76	20.44	23.12	25.90
5260MHz	Pass	10.80	13.21	14.22	16.75	19.18
5300MHz	Pass	10.80	13.76	14.58	17.20	19.18
5320MHz	Pass	10.80	13.68	14.49	17.11	19.18
5500MHz	Pass	10.00	14.2	15.05	17.66	19.98
5580MHz	Pass	10.00	14.37	14.96	17.69	19.98
5700MHz	Pass	10.00	14.31	14.67	17.50	19.98
5720MHz Straddle 5.47-5.725GHz	Pass	10.00	13.2	13.47	16.35	18.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.10	8.25	8.63	11.45	26.90
5745MHz	Pass	9.10	21.66	22.09	24.89	26.90
5785MHz	Pass	9.10	23.51	23.74	26.64	26.90
5825MHz	Pass	9.10	23.2	23.77	26.50	26.90
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.10	17.75	18.36	21.08	25.90
5230MHz	Pass	10.10	21.55	21.83	24.70	25.90
5270MHz	Pass	10.80	15.61	16.21	18.93	19.18
5310MHz	Pass	10.80	15.52	15.96	18.76	19.18
5510MHz	Pass	10.00	16.61	16.75	19.69	19.98
5550MHz	Pass	10.00	16.66	16.94	19.81	19.98
5670MHz	Pass	10.00	16.62	16.93	19.79	19.98
5710MHz Straddle 5.47-5.725GHz	Pass	10.00	16.74	16.58	19.67	19.98
5710MHz Straddle 5.725-5.85GHz	Pass	9.10	7.48	7.59	10.55	26.90
5755MHz	Pass	9.10	20.2	20.34	23.28	26.90
5795MHz	Pass	9.10	23.56	23.77	26.68	26.90
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	10.10	16.8	17.13	19.98	25.90
5290MHz	Pass	10.80	14.21	14.83	17.54	19.18
5530MHz	Pass	10.00	16.23	16.76	19.51	19.98
5610MHz	Pass	10.00	16.51	16.87	19.70	19.98
5690MHz Straddle 5.47-5.725GHz	Pass	10.00	16.74	16.89	19.83	19.98
5690MHz Straddle 5.725-5.85GHz	Pass	9.10	3.79	4.07	6.94	26.90
5775MHz	Pass	9.10	19.68	19.66	22.68	26.90
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.10	12.49	13.12	15.83	25.90
5250MHz Straddle 5.25-5.35GHz	Pass	10.80	12.14	12.7	15.44	19.18
5570MHz	Pass	10.00	14.39	14.85	17.64	19.98
EHT240_240MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-



Maximum Output Power (Mode 2)

Appendix C.2

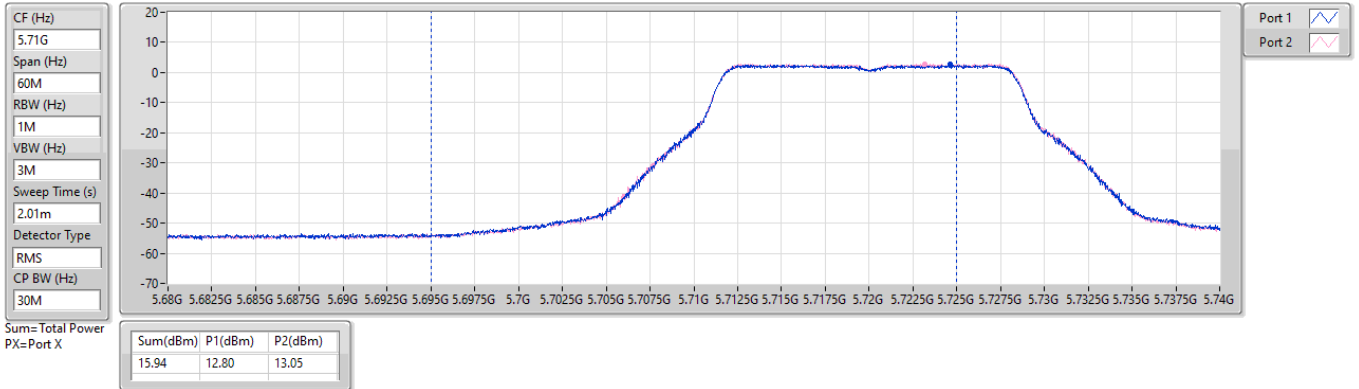
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5610MHz Straddle 5.47-5.725GHz	Pass	10.00	10.36	10.55	13.47	19.98
5610MHz Straddle 5.725-5.85GHz	Pass	9.10	-7.77	-7.48	-4.61	26.90
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	12.82	18.75	19.67	22.24	23.18
5200MHz	Pass	12.82	19.77	20.49	23.16	23.18
5240MHz	Pass	12.82	19.76	20.44	23.12	23.18
5260MHz	Pass	13.14	13.21	14.22	16.75	16.84
5300MHz	Pass	13.14	12.89	13.83	16.40	16.84
5320MHz	Pass	13.14	13.02	14.12	16.62	16.84
5500MHz	Pass	12.67	13.5	14.54	17.06	17.31
5580MHz	Pass	12.67	13.8	14.57	17.21	17.31
5700MHz	Pass	12.67	13.67	14.06	16.88	17.31
5720MHz Straddle 5.47-5.725GHz	Pass	12.67	13.2	13.47	16.35	17.31
5720MHz Straddle 5.725-5.85GHz	Pass	11.82	8.25	8.63	11.45	24.18
5745MHz	Pass	11.82	20.67	21.23	23.97	24.18
5785MHz	Pass	11.82	20.71	21	23.87	24.18
5825MHz	Pass	11.82	20.46	21.14	23.82	24.18
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	12.82	17.75	18.36	21.08	23.18
5230MHz	Pass	12.82	19.85	20.15	23.01	23.18
5270MHz	Pass	13.14	13.26	13.84	16.57	16.84
5310MHz	Pass	13.14	13.18	13.58	16.39	16.84
5510MHz	Pass	12.67	13.83	14.03	16.94	17.31
5550MHz	Pass	12.67	13.98	14.18	17.09	17.31
5670MHz	Pass	12.67	13.99	13.8	16.91	17.31
5710MHz Straddle 5.47-5.725GHz	Pass	12.67	13.99	13.93	16.97	17.31
5710MHz Straddle 5.725-5.85GHz	Pass	11.82	4.64	4.71	7.69	24.18
5755MHz	Pass	11.82	20.2	20.34	23.28	24.18
5795MHz	Pass	11.82	21.05	21.18	24.13	24.18
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	12.82	16.8	17.13	19.98	23.18
5290MHz	Pass	13.14	13.42	13.86	16.66	16.84
5530MHz	Pass	12.67	13.94	14.36	17.17	17.31
5610MHz	Pass	12.67	13.9	14.17	17.05	17.31
5690MHz Straddle 5.47-5.725GHz	Pass	12.67	13.91	14.14	17.04	17.31
5690MHz Straddle 5.725-5.85GHz	Pass	11.82	0.92	1.12	4.03	24.18
5775MHz	Pass	11.82	19.68	19.66	22.68	24.18
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.82	12.49	13.12	15.83	23.18
5250MHz Straddle 5.25-5.35GHz	Pass	13.14	12.14	12.7	15.44	16.84
5570MHz	Pass	12.67	13.88	14.28	17.09	17.31
EHT240_240MHz,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	12.67	10.36	10.55	13.47	17.31
5610MHz Straddle 5.725-5.85GHz	Pass	11.82	-7.77	-7.48	-4.61	24.18

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

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

AV Power

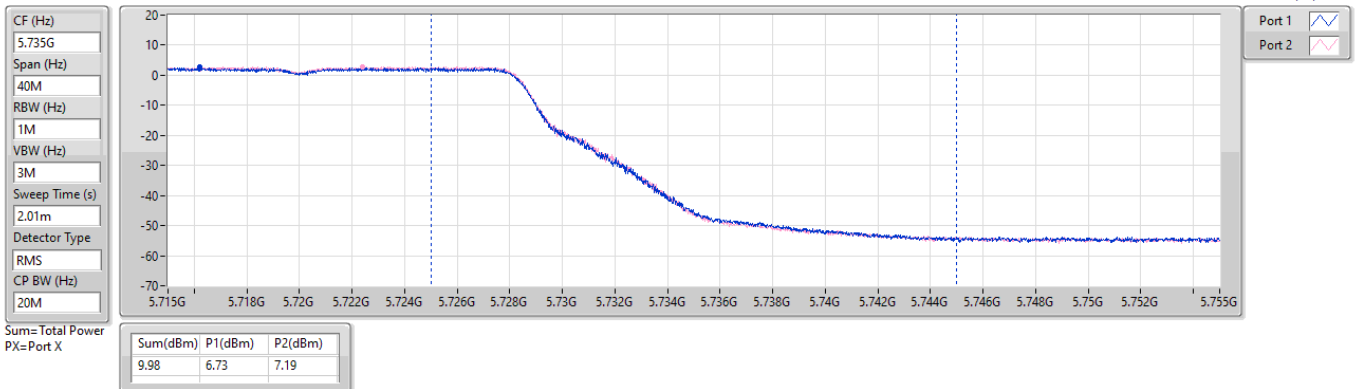
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

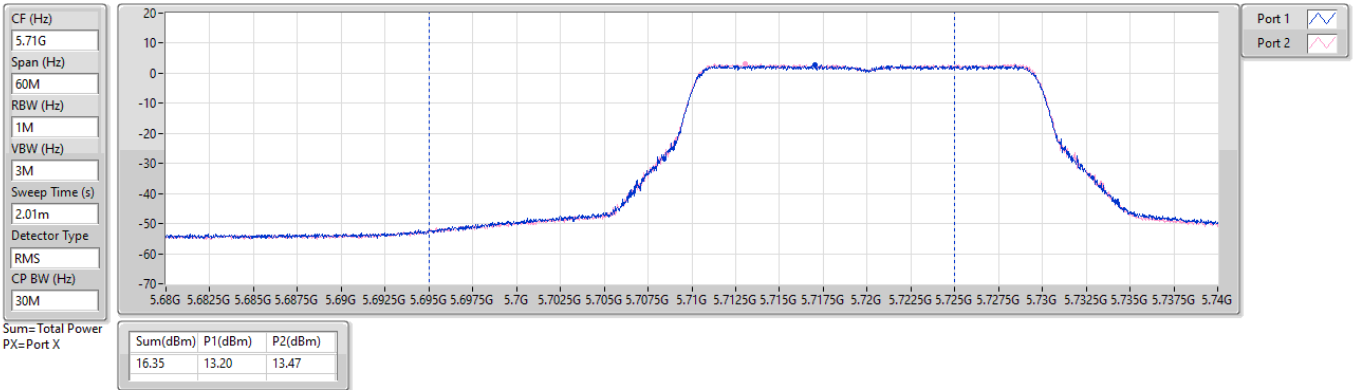
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

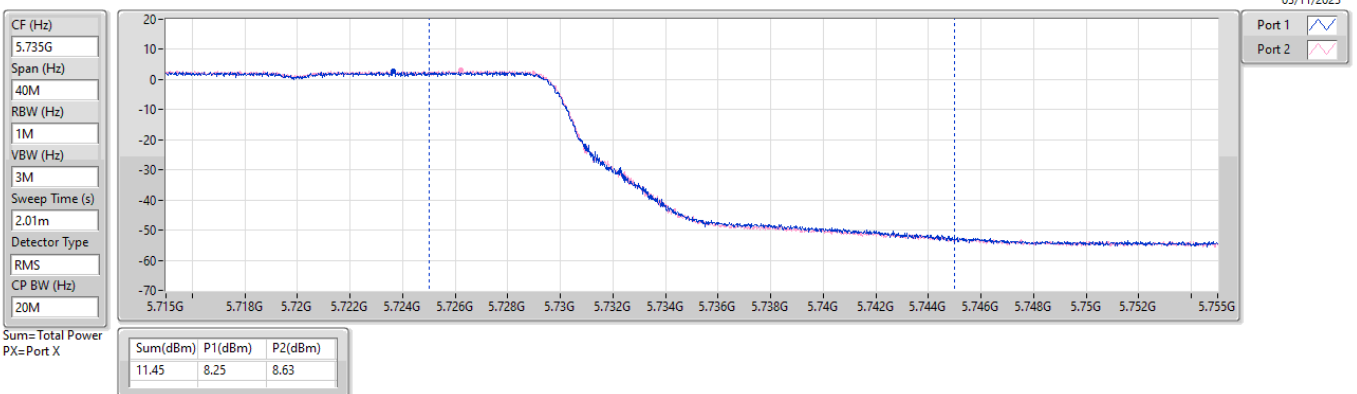
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

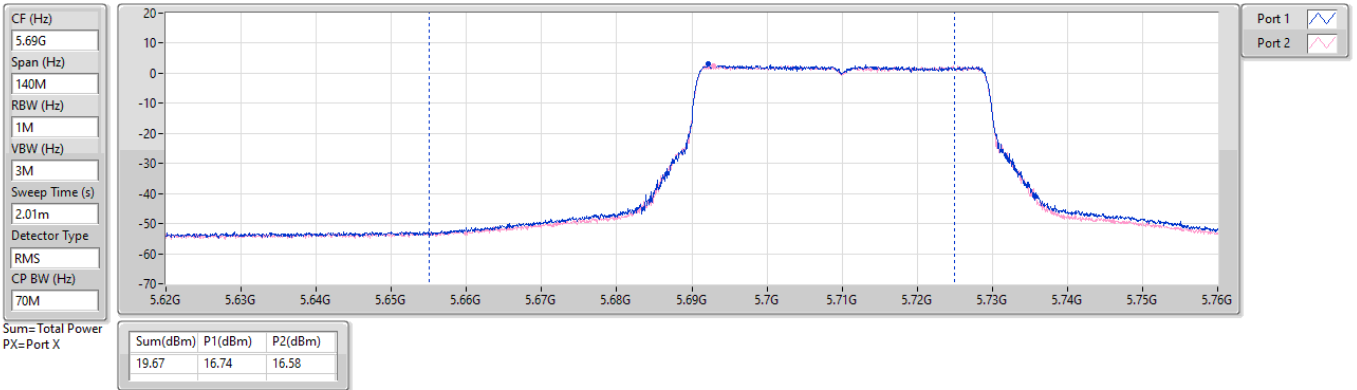
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

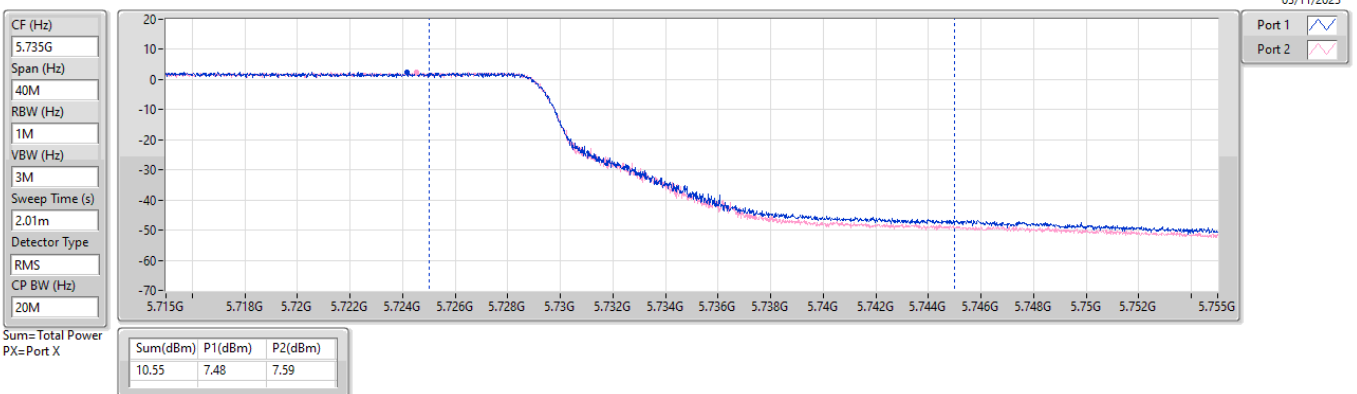
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

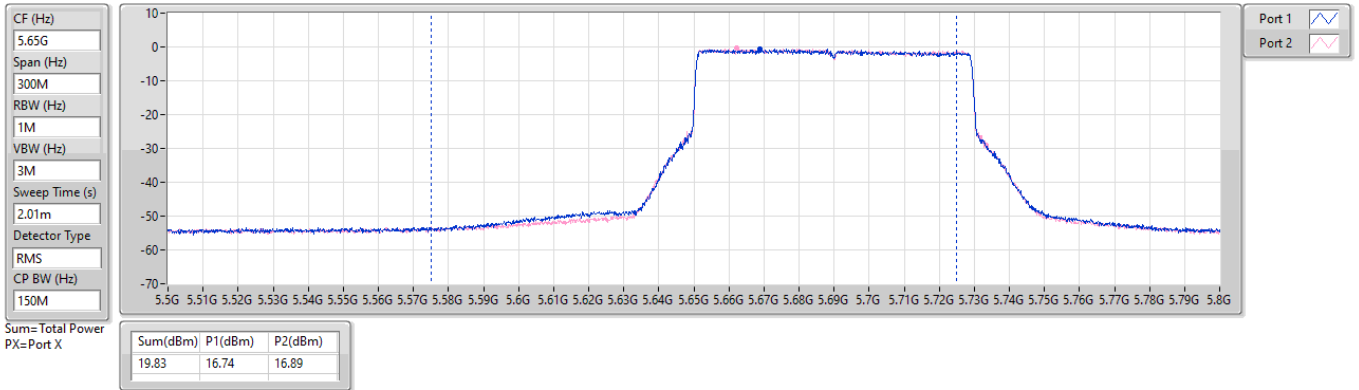
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

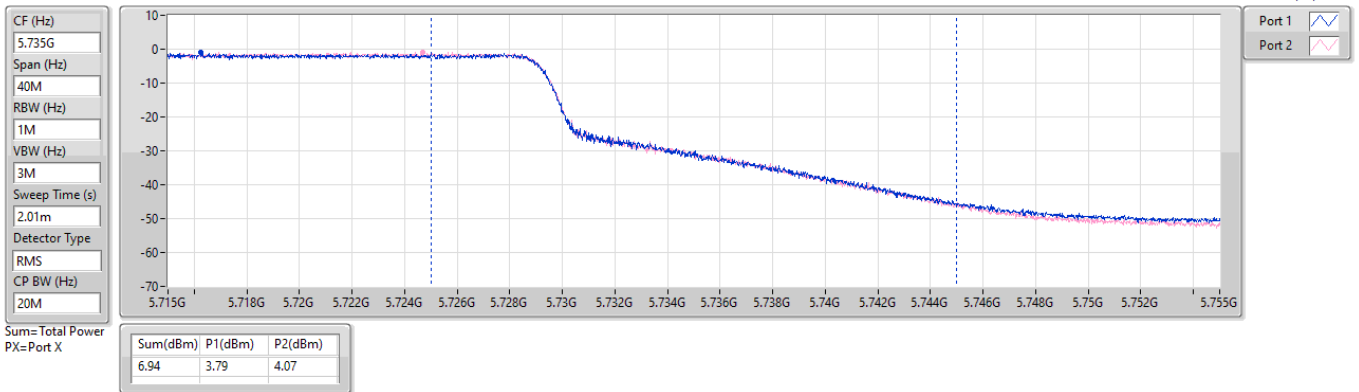
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

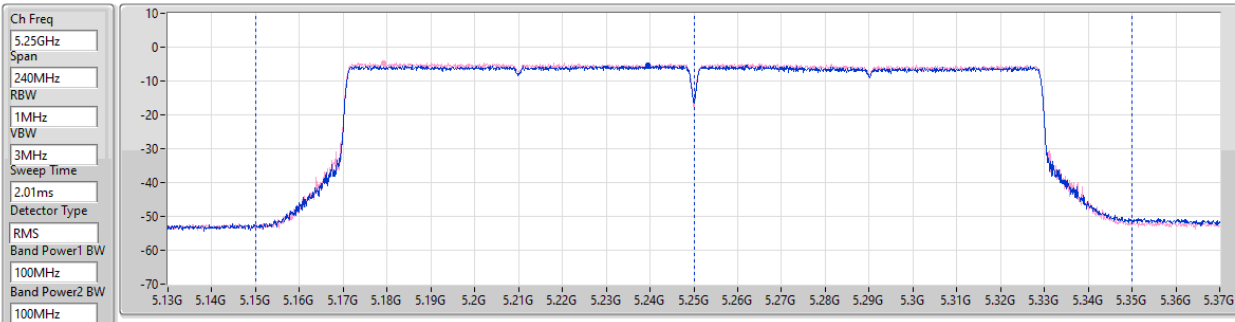


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

03/11/2025



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.83	12.49	13.12

5250~5350MHz

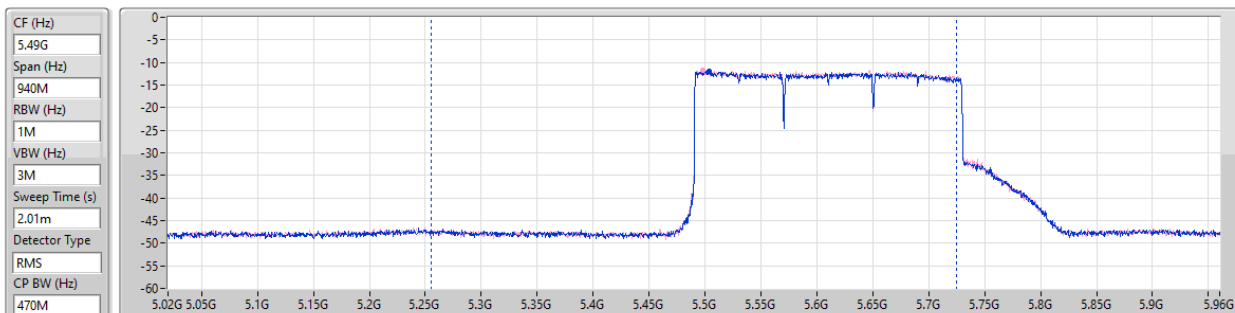
Sum(dBm)	P1(dBm)	P2(dBm)
15.44	12.14	12.70

5.47-5.725GHz_EHT240_240MHz_Nss1,(MCS0)_2TX

AV Power

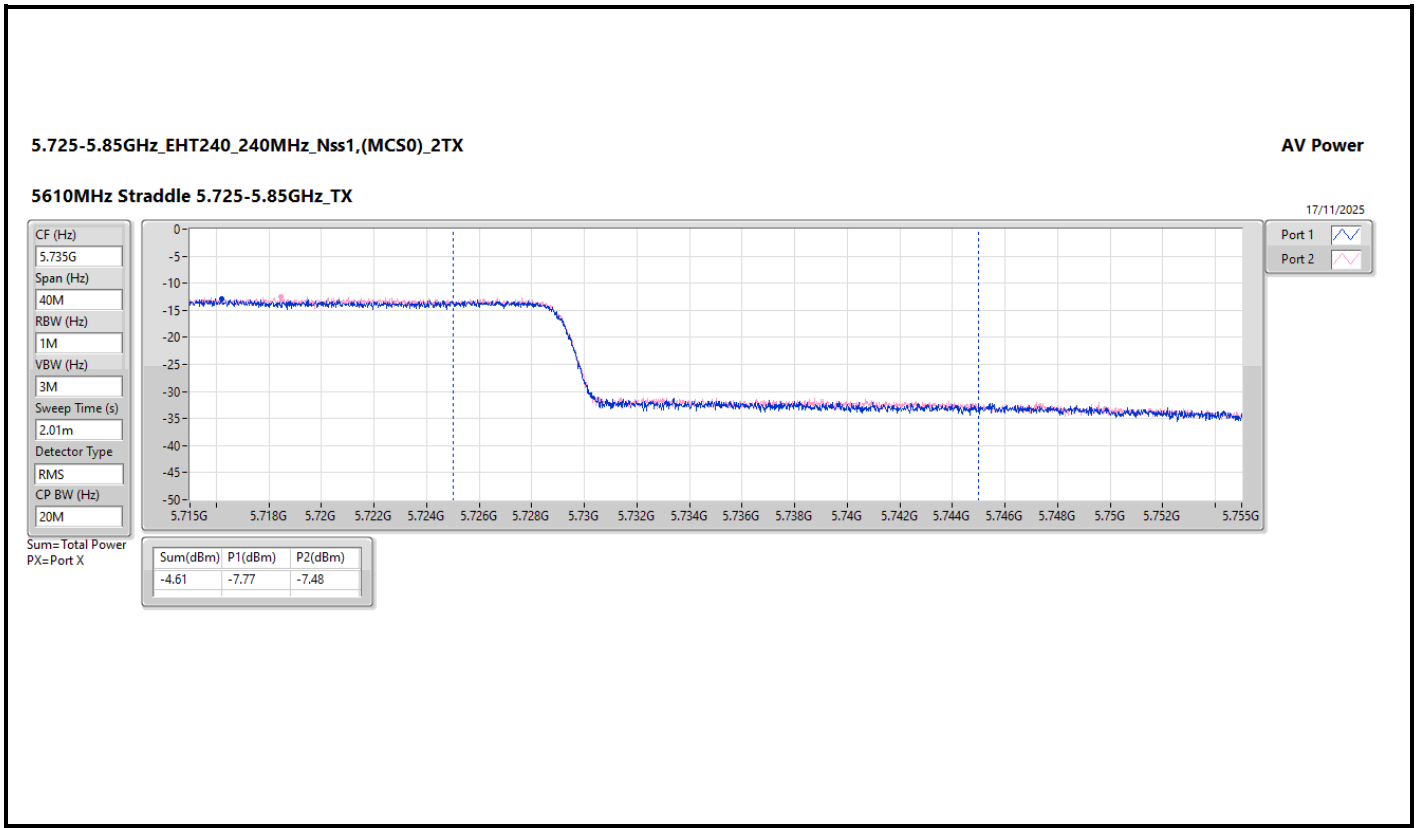
5610MHz Straddle 5.47-5.725GHz_TX

17/11/2025



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.47	10.36	10.55



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.52	0.14191
802.11ax HEW20_Nss1,(MCS0)_2TX	21.19	0.13152
802.11ax HEW40_Nss1,(MCS0)_2TX	21.12	0.12942
802.11ax HEW80_Nss1,(MCS0)_2TX	12.40	0.01738
802.11ax HEW160_Nss1,(MCS0)_2TX	9.97	0.00993
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.72	0.07447
802.11ax HEW20_Nss1,(MCS0)_2TX	19.37	0.08650
802.11ax HEW40_Nss1,(MCS0)_2TX	20.62	0.11535
802.11ax HEW80_Nss1,(MCS0)_2TX	13.46	0.02218
802.11ax HEW160_Nss1,(MCS0)_2TX	9.97	0.00993
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.65	0.07328
802.11ax HEW20_Nss1,(MCS0)_2TX	18.52	0.07112
802.11ax HEW40_Nss1,(MCS0)_2TX	20.17	0.10399
802.11ax HEW80_Nss1,(MCS0)_2TX	20.06	0.10139
802.11ax HEW160_Nss1,(MCS0)_2TX	11.26	0.01337
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.24	0.13305
802.11ax HEW20_Nss1,(MCS0)_2TX	20.97	0.12503
802.11ax HEW40_Nss1,(MCS0)_2TX	20.96	0.12474
802.11ax HEW80_Nss1,(MCS0)_2TX	20.53	0.11298



Maximum Output Power (Mode 3)

Appendix C.3

Result

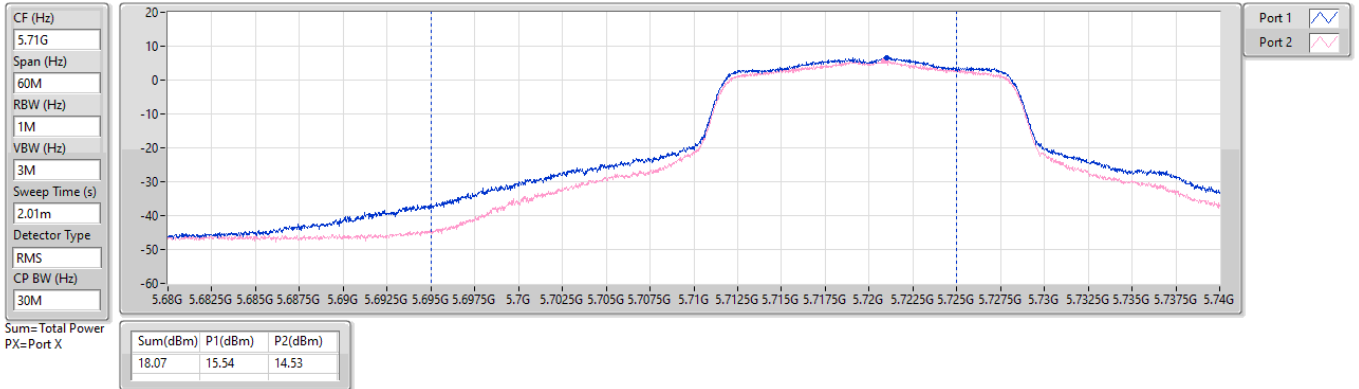
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.40	18.34	16.76	20.63	29.60
5200MHz	Pass	6.40	18.89	17.86	21.42	29.60
5240MHz	Pass	6.40	19.28	17.58	21.52	29.60
5260MHz	Pass	6.40	16.34	14.76	18.63	23.37
5300MHz	Pass	6.40	16.19	14.87	18.59	23.19
5320MHz	Pass	6.40	16.31	15.01	18.72	23.27
5500MHz	Pass	7.00	15.77	15.51	18.65	22.92
5580MHz	Pass	7.00	15.66	14.67	18.20	22.91
5700MHz	Pass	7.00	15.94	14.81	18.42	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.54	14.53	18.07	21.79
5720MHz Straddle 5.725-5.85GHz	Pass	7.50	8.43	6.65	10.64	28.50
5745MHz	Pass	7.50	18.24	17.83	21.05	28.50
5785MHz	Pass	7.50	18.55	17.89	21.24	28.50
5825MHz	Pass	7.50	18.37	17.84	21.12	28.50
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.40	17.51	16.38	19.99	29.60
5200MHz	Pass	6.40	18.59	17.51	21.09	29.60
5240MHz	Pass	6.40	18.94	17.26	21.19	29.60
5260MHz	Pass	6.40	16.50	14.93	18.80	23.58
5300MHz	Pass	6.40	16.89	15.55	19.28	23.58
5320MHz	Pass	6.40	16.90	15.75	19.37	23.58
5500MHz	Pass	7.00	15.43	15.28	18.37	22.98
5580MHz	Pass	7.00	15.97	15.00	18.52	22.98
5700MHz	Pass	7.00	14.58	13.59	17.12	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.53	14.56	18.08	21.93
5720MHz Straddle 5.725-5.85GHz	Pass	7.50	8.44	7.50	11.01	28.50
5745MHz	Pass	7.50	17.98	17.59	20.80	28.50
5785MHz	Pass	7.50	18.27	17.62	20.97	28.50
5825MHz	Pass	7.50	18.08	17.62	20.87	28.50
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.40	11.01	9.48	13.32	29.60
5230MHz	Pass	6.40	18.82	17.26	21.12	29.60
5270MHz	Pass	6.40	18.32	16.75	20.62	23.58
5310MHz	Pass	6.40	12.60	11.59	15.13	23.58
5510MHz	Pass	7.00	10.10	10.20	13.16	22.98
5550MHz	Pass	7.00	17.35	16.96	20.17	22.98
5670MHz	Pass	7.00	16.78	15.53	19.21	22.98
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	17.49	16.31	19.95	22.98
5710MHz Straddle 5.725-5.85GHz	Pass	7.50	5.59	4.76	8.21	28.50
5755MHz	Pass	7.50	17.95	17.56	20.77	28.50
5795MHz	Pass	7.50	18.29	17.58	20.96	28.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.40	10.05	8.61	12.40	29.60
5290MHz	Pass	6.40	10.99	9.84	13.46	23.58
5530MHz	Pass	7.00	8.99	8.91	11.96	22.98
5610MHz	Pass	7.00	17.47	16.58	20.06	22.98
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	17.16	16.29	19.76	22.98
5690MHz Straddle 5.725-5.85GHz	Pass	7.50	1.24	0.29	3.80	28.50
5775MHz	Pass	7.50	17.89	17.11	20.53	28.50
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.40	7.78	5.95	9.97	29.60
5250MHz Straddle 5.25-5.35GHz	Pass	6.40	7.57	6.26	9.97	23.58
5570MHz	Pass	7.00	8.32	8.18	11.26	22.98

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

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

AV Power

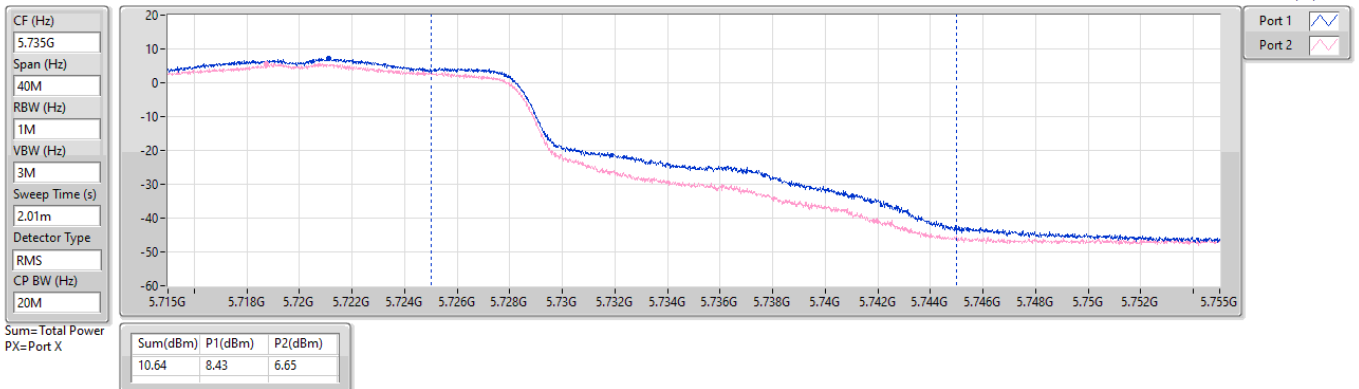
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

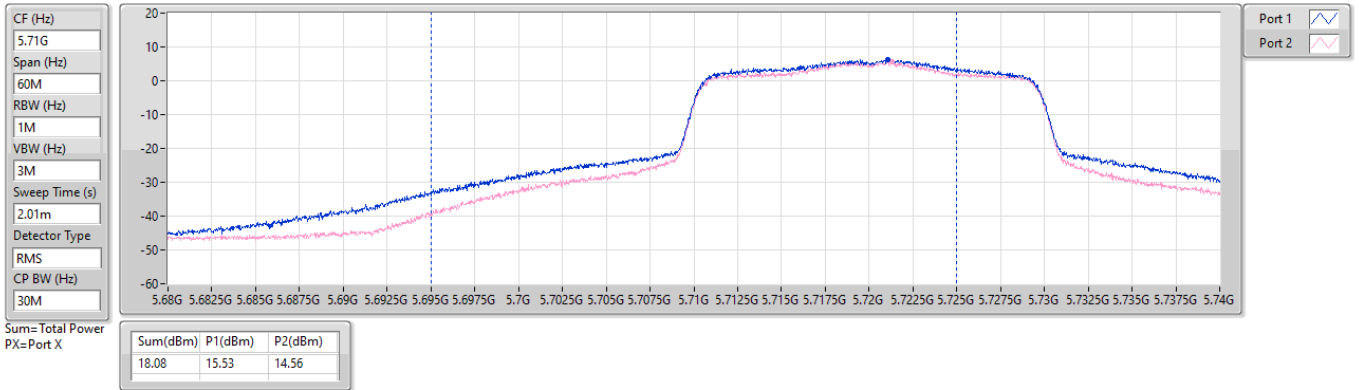
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

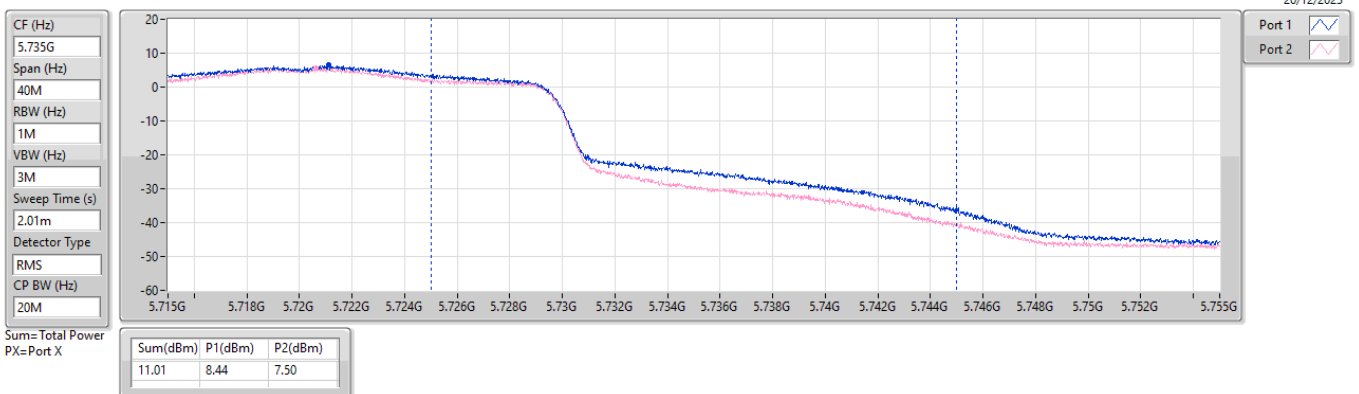
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

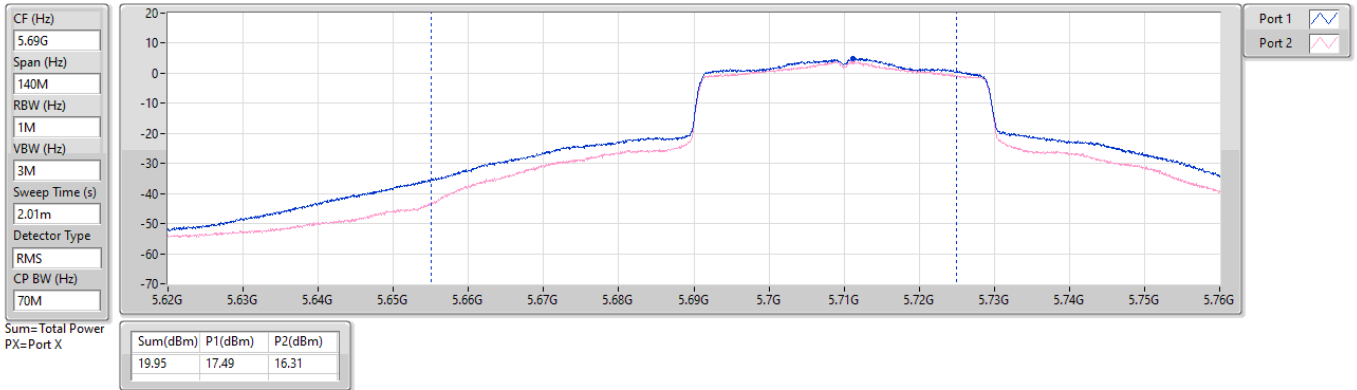
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

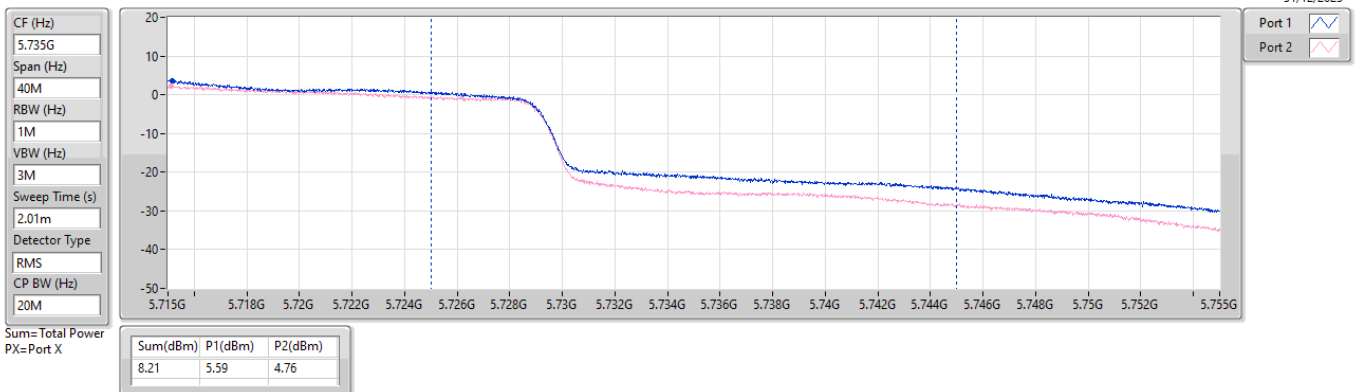
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

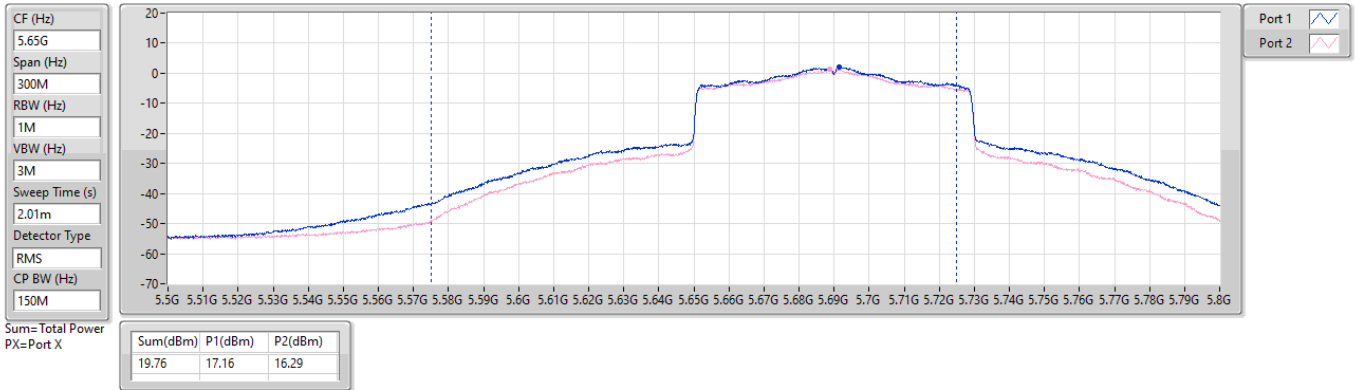
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

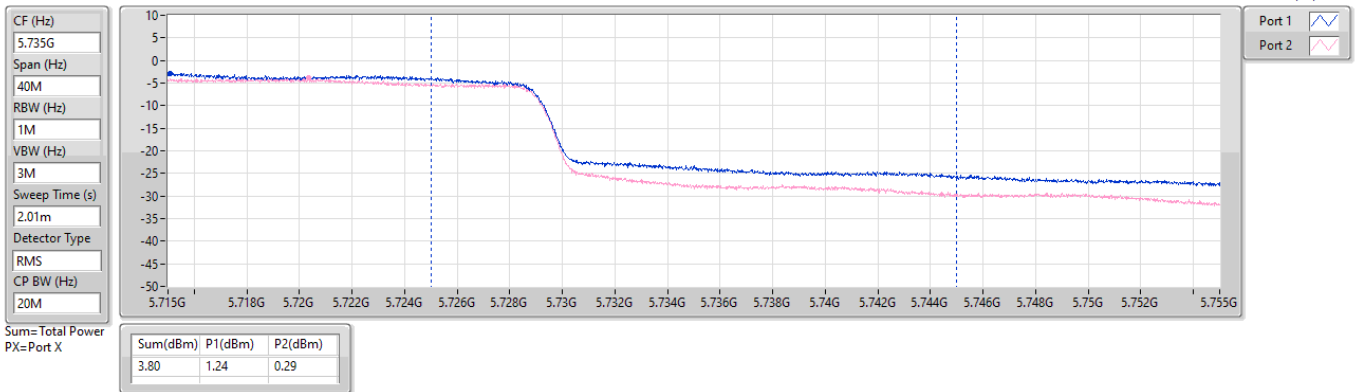
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

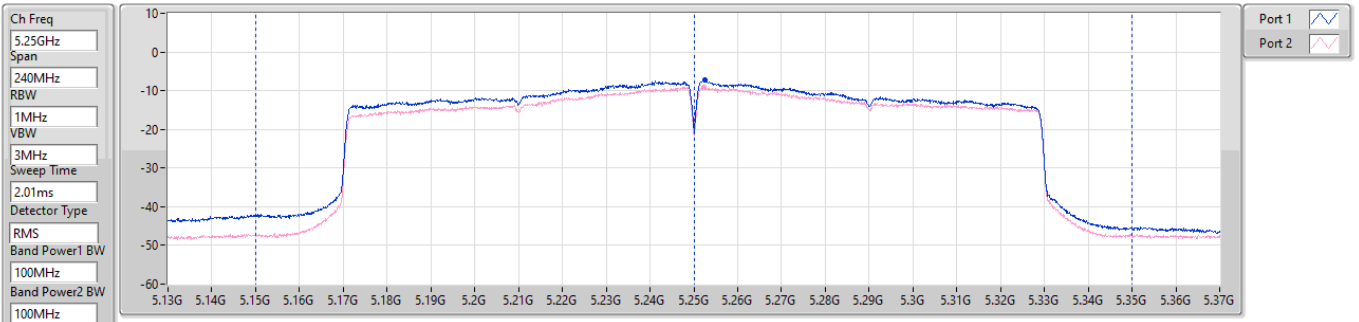


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

20/12/2025



Sum=Total Power
PX=Port X

5150~5250MHz		
Sum(dBm)	P1(dBm)	P2(dBm)
9.97	7.78	5.95

5250~5350MHz		
Sum(dBm)	P1(dBm)	P2(dBm)
9.97	7.57	6.26

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.98	0.09954
802.11ax HEW20_Nss1,(MCS0)_2TX	20.17	0.10399
802.11ax HEW40_Nss1,(MCS0)_2TX	19.62	0.09162
802.11ax HEW80_Nss1,(MCS0)_2TX	12.40	0.01738
802.11ax HEW160_Nss1,(MCS0)_2TX	9.97	0.00993
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.72	0.07447
802.11ax HEW20_Nss1,(MCS0)_2TX	19.37	0.08650
802.11ax HEW40_Nss1,(MCS0)_2TX	20.62	0.11535
802.11ax HEW80_Nss1,(MCS0)_2TX	13.46	0.02218
802.11ax HEW160_Nss1,(MCS0)_2TX	9.97	0.00993
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.65	0.07328
802.11ax HEW20_Nss1,(MCS0)_2TX	18.52	0.07112
802.11ax HEW40_Nss1,(MCS0)_2TX	20.17	0.10399
802.11ax HEW80_Nss1,(MCS0)_2TX	20.06	0.10139
802.11ax HEW160_Nss1,(MCS0)_2TX	11.26	0.01337
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.24	0.13305
802.11ax HEW20_Nss1,(MCS0)_2TX	20.97	0.12503
802.11ax HEW40_Nss1,(MCS0)_2TX	20.96	0.12474
802.11ax HEW80_Nss1,(MCS0)_2TX	20.53	0.11298



Maximum Output Power (Mode 4)

Appendix C.4

Result

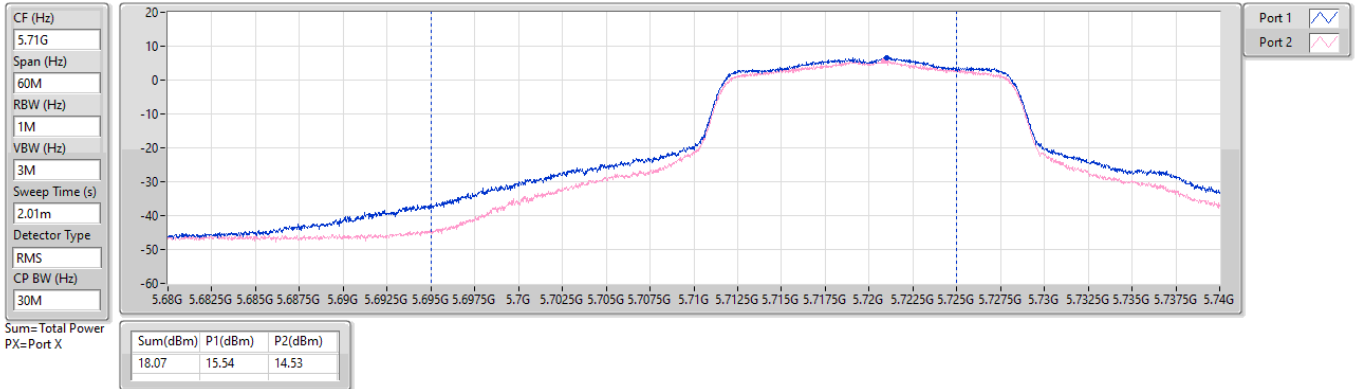
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.40	17.44	16.29	19.91	29.60
5200MHz	Pass	6.40	17.48	16.39	19.98	29.60
5240MHz	Pass	6.40	17.45	15.65	19.65	29.60
5260MHz	Pass	6.40	16.34	14.76	18.63	23.37
5300MHz	Pass	6.40	16.19	14.87	18.59	23.19
5320MHz	Pass	6.40	16.31	15.01	18.72	23.27
5500MHz	Pass	7.00	15.77	15.51	18.65	22.92
5580MHz	Pass	7.00	15.66	14.67	18.20	22.91
5700MHz	Pass	7.00	15.94	14.81	18.42	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.54	14.53	18.07	21.79
5720MHz Straddle 5.725-5.85GHz	Pass	7.50	8.43	6.65	10.64	28.50
5745MHz	Pass	7.50	18.24	17.83	21.05	28.50
5785MHz	Pass	7.50	18.55	17.89	21.24	28.50
5825MHz	Pass	7.50	18.37	17.84	21.12	28.50
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.40	17.51	16.38	19.99	29.60
5200MHz	Pass	6.40	17.11	16.03	19.61	29.60
5240MHz	Pass	6.40	17.94	16.2	20.17	29.60
5260MHz	Pass	6.40	16.5	14.93	18.80	23.58
5300MHz	Pass	6.40	16.89	15.55	19.28	23.58
5320MHz	Pass	6.40	16.9	15.75	19.37	23.58
5500MHz	Pass	7.00	15.43	15.28	18.37	22.98
5580MHz	Pass	7.00	15.97	15	18.52	22.98
5700MHz	Pass	7.00	14.58	13.59	17.12	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.53	14.56	18.08	21.93
5720MHz Straddle 5.725-5.85GHz	Pass	7.50	8.44	7.5	11.01	28.50
5745MHz	Pass	7.50	17.98	17.59	20.80	28.50
5785MHz	Pass	7.50	18.27	17.62	20.97	28.50
5825MHz	Pass	7.50	18.08	17.62	20.87	28.50
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.40	11.01	9.48	13.32	29.60
5230MHz	Pass	6.40	17.36	15.69	19.62	29.60
5270MHz	Pass	6.40	18.32	16.75	20.62	23.58
5310MHz	Pass	6.40	12.6	11.59	15.13	23.58
5510MHz	Pass	7.00	10.1	10.2	13.16	22.98
5550MHz	Pass	7.00	17.35	16.96	20.17	22.98
5670MHz	Pass	7.00	16.78	15.53	19.21	22.98
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	17.49	16.31	19.95	22.98
5710MHz Straddle 5.725-5.85GHz	Pass	7.50	5.59	4.76	8.21	28.50
5755MHz	Pass	7.50	17.95	17.56	20.77	28.50
5795MHz	Pass	7.50	18.29	17.58	20.96	28.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.40	10.05	8.61	12.40	29.60
5290MHz	Pass	6.40	10.99	9.84	13.46	23.58
5530MHz	Pass	7.00	8.99	8.91	11.96	22.98
5610MHz	Pass	7.00	17.47	16.58	20.06	22.98
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	17.16	16.29	19.76	22.98
5690MHz Straddle 5.725-5.85GHz	Pass	7.50	1.24	0.29	3.80	28.50
5775MHz	Pass	7.50	17.89	17.11	20.53	28.50
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.40	7.78	5.95	9.97	29.60
5250MHz Straddle 5.25-5.35GHz	Pass	6.40	7.57	6.26	9.97	23.58
5570MHz	Pass	7.00	8.32	8.18	11.26	22.98

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

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

AV Power

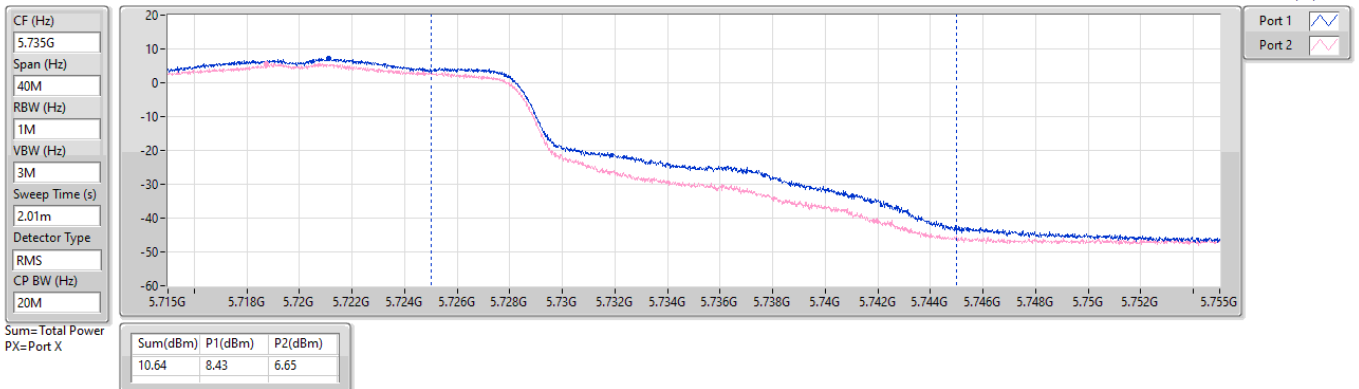
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

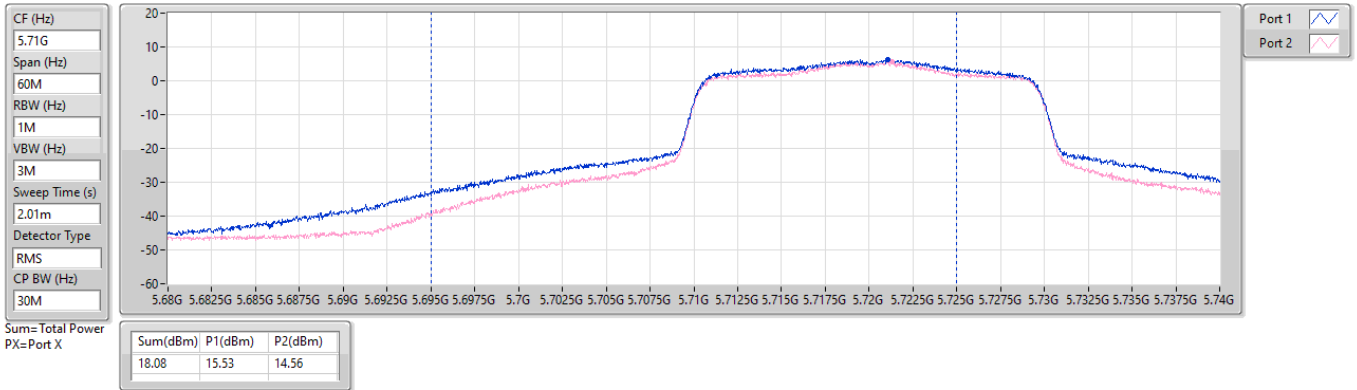
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

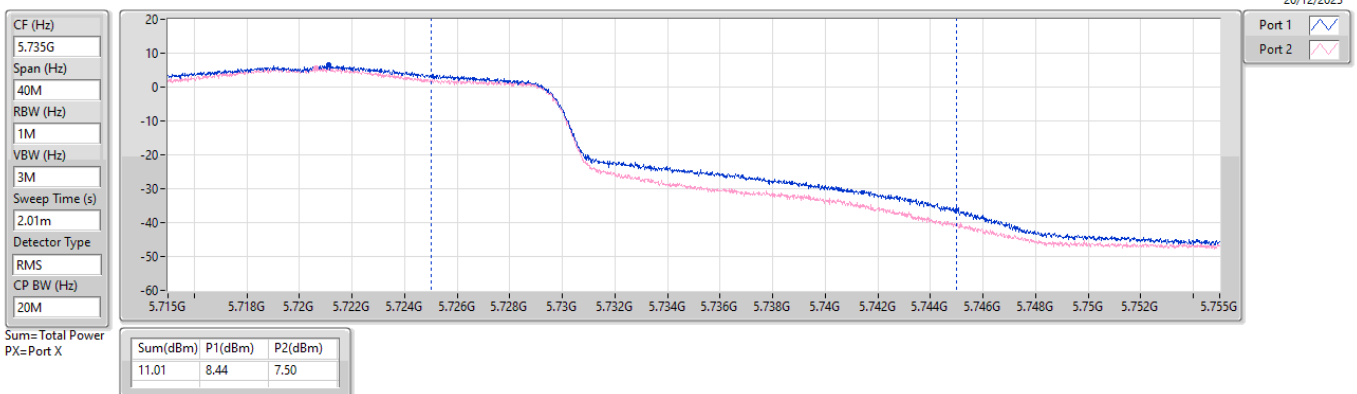
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

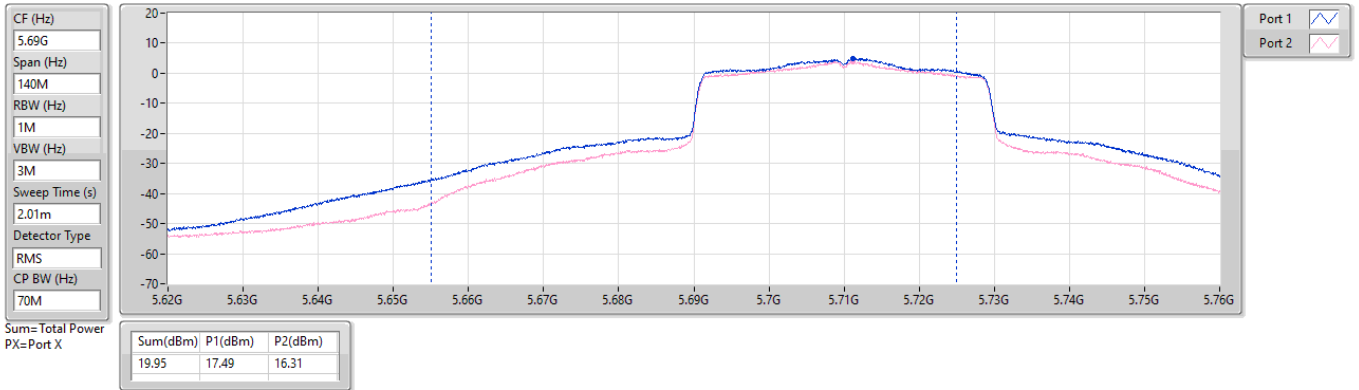
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

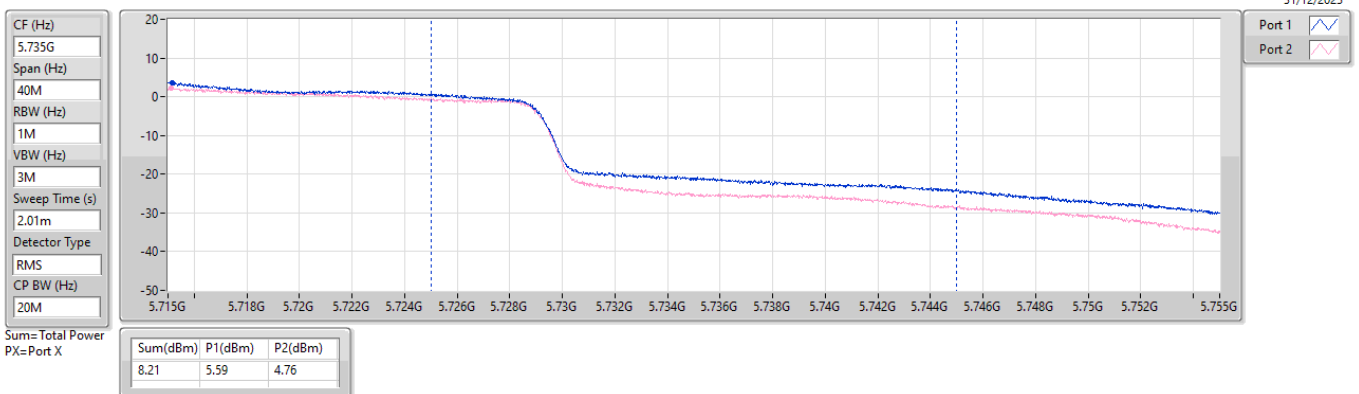
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

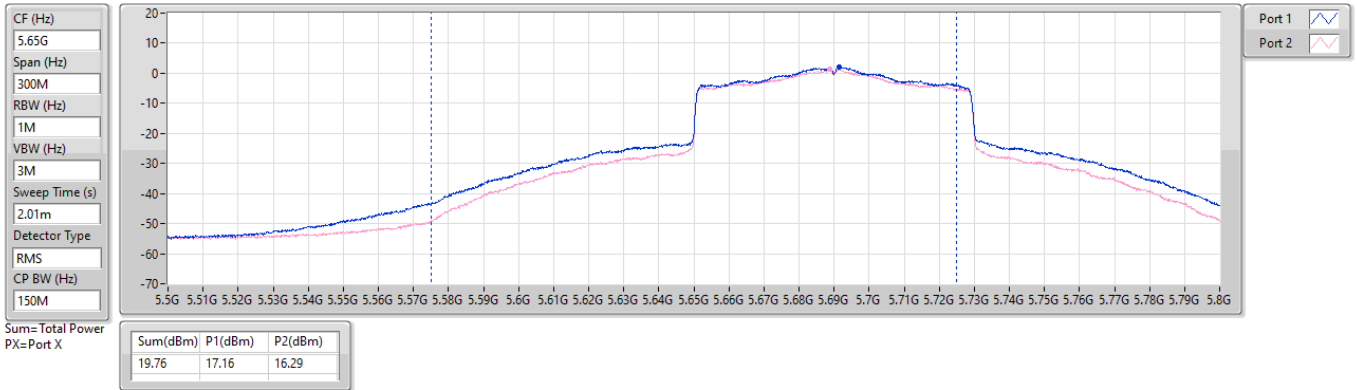
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

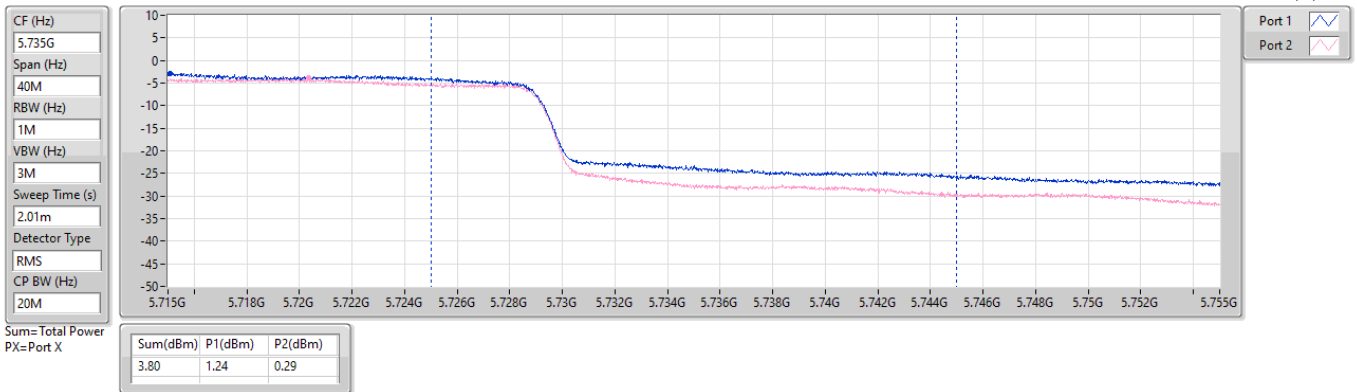
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

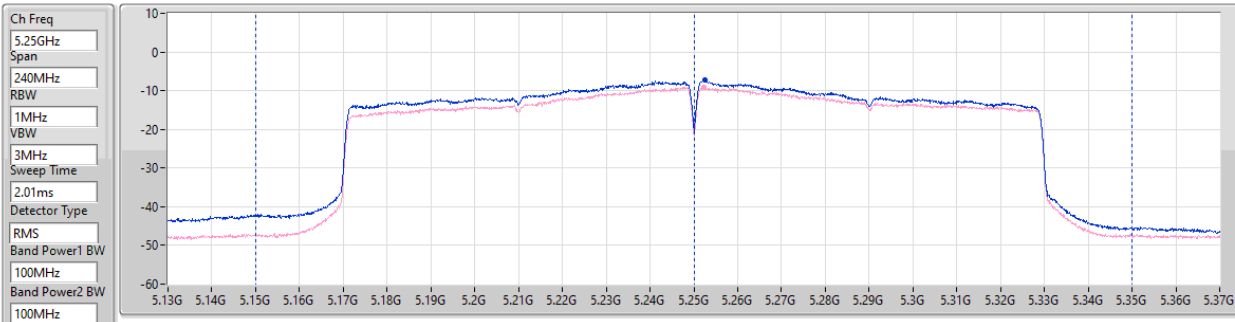


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

20/12/2025



Sum= Total Power
 PX=Port X

5150~5250MHz		
Sum(dBm)	P1(dBm)	P2(dBm)
9.97	7.78	5.95

5250~5350MHz		
Sum(dBm)	P1(dBm)	P2(dBm)
9.97	7.57	6.26

Summary

Mode	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.68	0.09290
802.11be EHT20_Nss1,(MCS0)_2TX	19.21	0.08337
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.23	0.08375
802.11be EHT40_Nss1,(MCS0)_2TX	20.83	0.12106
802.11be EHT40-BF_Nss1,(MCS0)_2TX	18.46	0.07015
802.11be EHT80_Nss1,(MCS0)_2TX	15.59	0.03622
802.11be EHT80-BF_Nss1,(MCS0)_2TX	14.97	0.03141
802.11be EHT160_Nss1,(MCS0)_2TX	10.19	0.01045
802.11be EHT160-BF_Nss1,(MCS0)_2TX	9.61	0.00914

Result

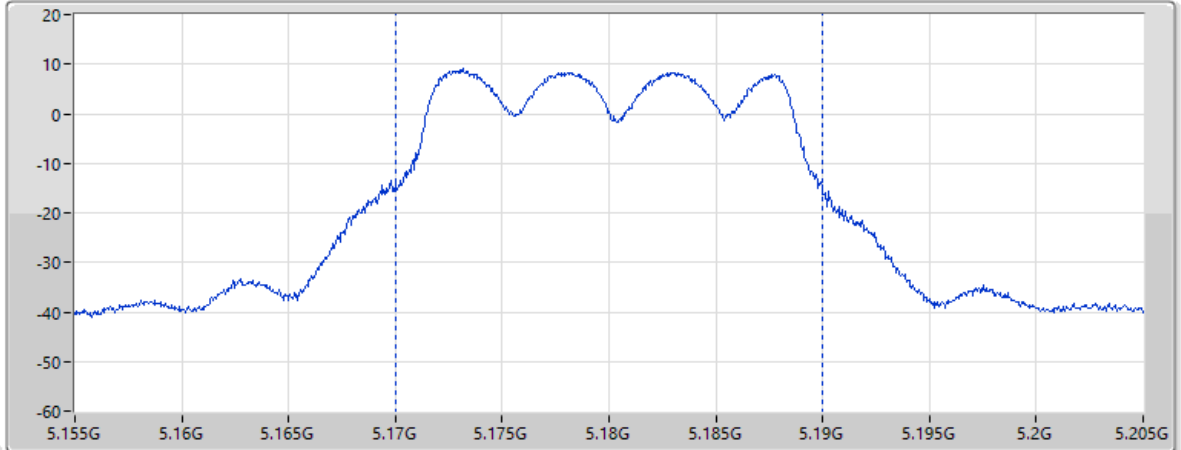
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-
5180MHz	Pass	19.29	21.00
5200MHz	Pass	19.03	21.00
5240MHz	Pass	19.68	21.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-
5180MHz	Pass	18.33	21.00
5200MHz	Pass	18.92	21.00
5240MHz	Pass	19.21	21.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-
5190MHz	Pass	17.60	21.00
5230MHz	Pass	20.83	21.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-
5210MHz	Pass	15.59	21.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-
5250MHz	Pass	10.19	21.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-
5180MHz	Pass	17.71	21.00
5200MHz	Pass	19.23	21.00
5240MHz	Pass	18.96	21.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-
5190MHz	Pass	16.49	21.00
5230MHz	Pass	18.46	21.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-
5210MHz	Pass	14.97	21.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-
5250MHz	Pass	9.61	21.00

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

29/10/2025

EIRP;Band:5.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:5180MHz;TX

CF Freq
5.18GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



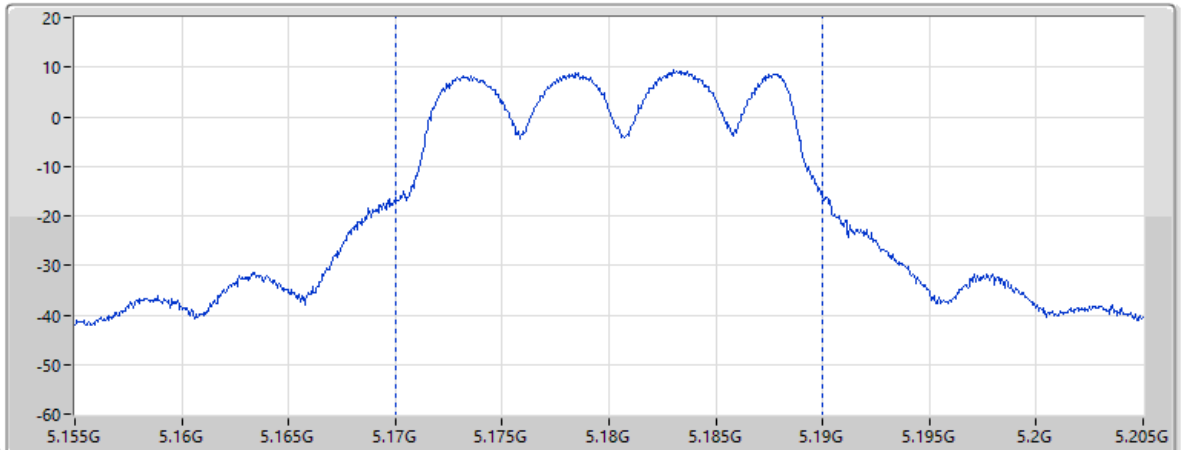
Page 10
Horizontal

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
19.3				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.43	11.46	8.40	32.54	56.33

05/11/2025

EIRP;Band:5.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:5180MHz;TX

CF Freq
5.18GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz

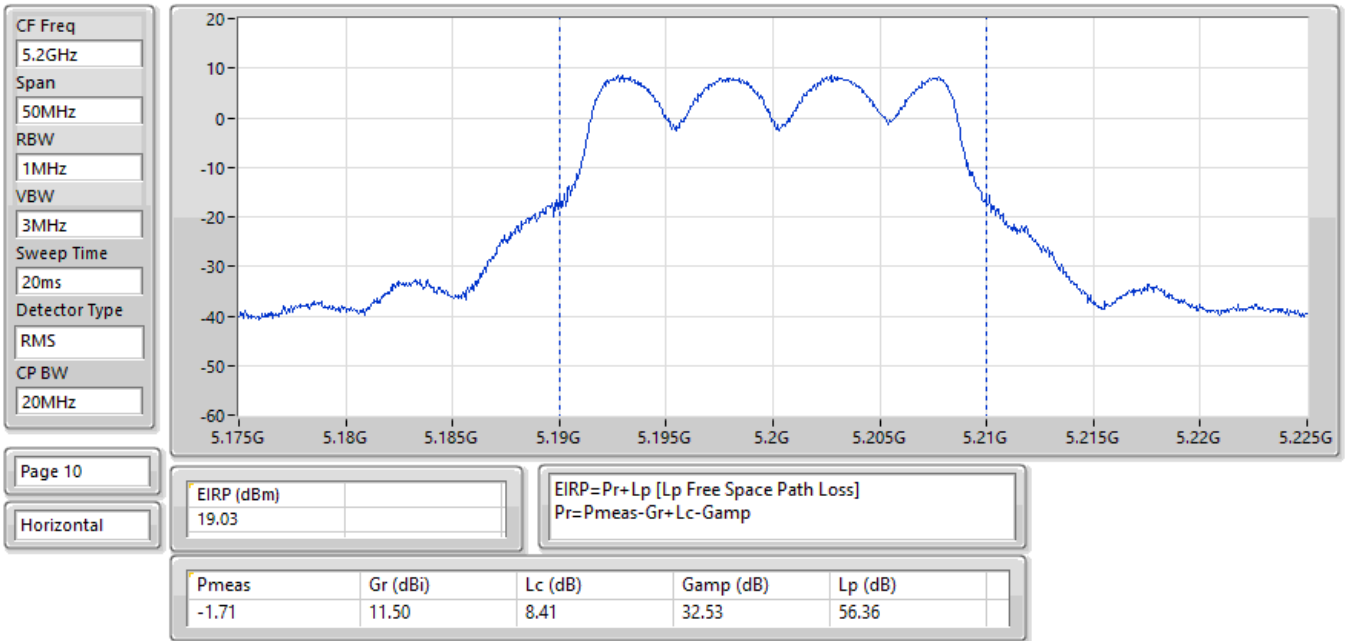


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Horizontal

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
19.29				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
1.28	10.44	7.04	34.92	56.33

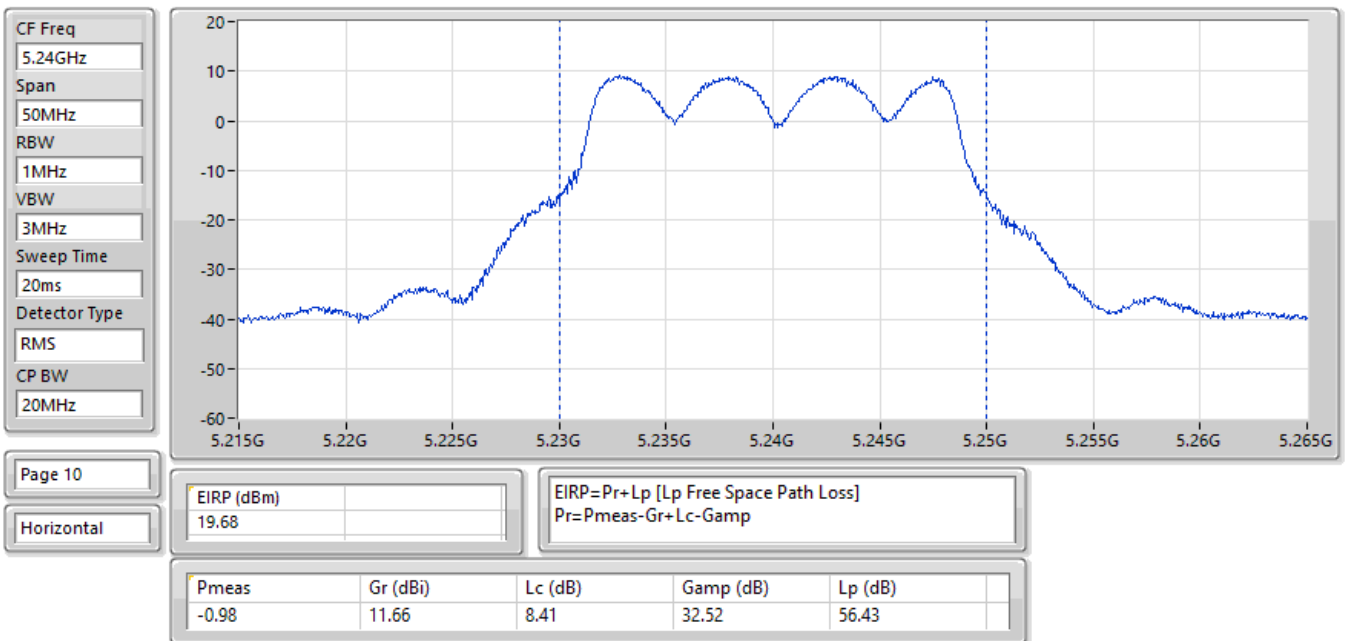
29/10/2025

EIRP:Band:5.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:5200MHz;TX



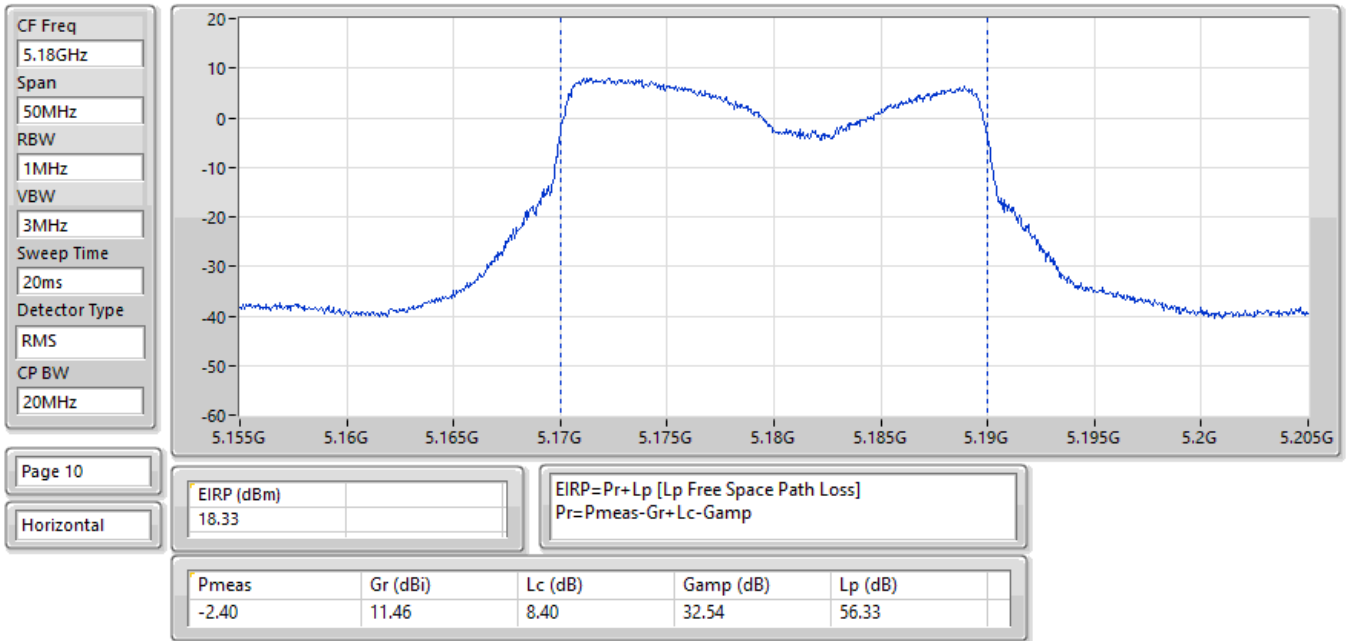
29/10/2025

EIRP:Band:5.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:5240MHz;TX



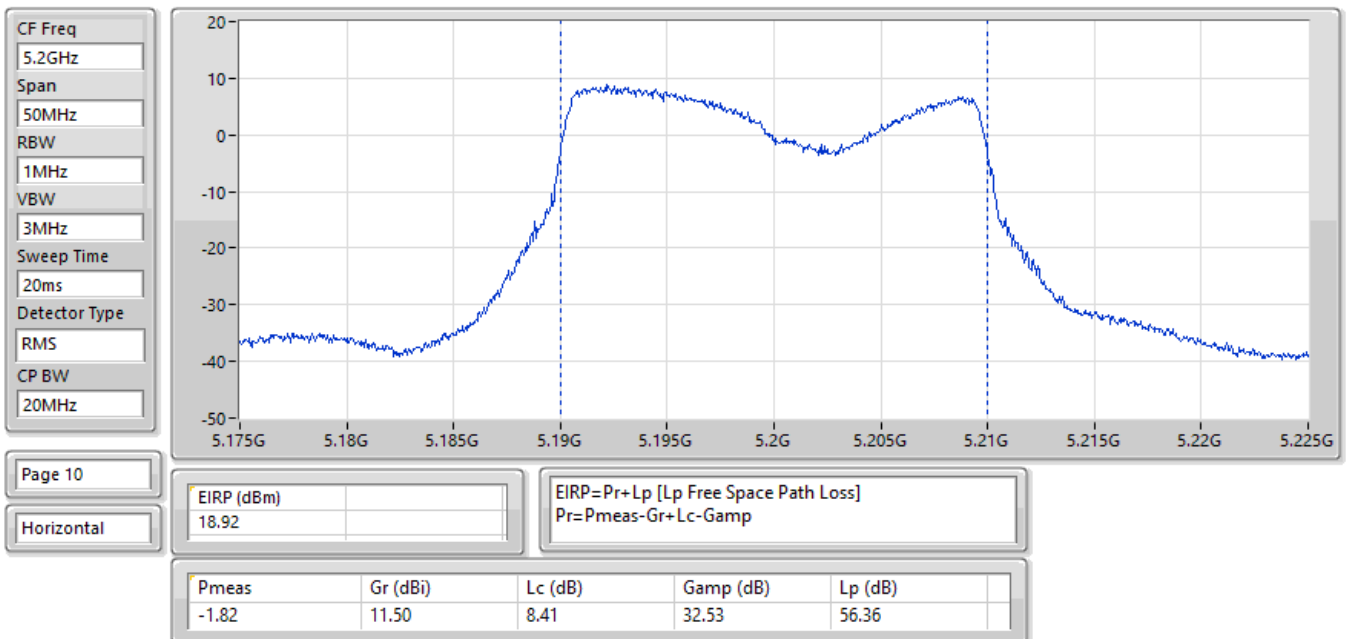
29/10/2025

EIRP;Band:5.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5180MHz;TX



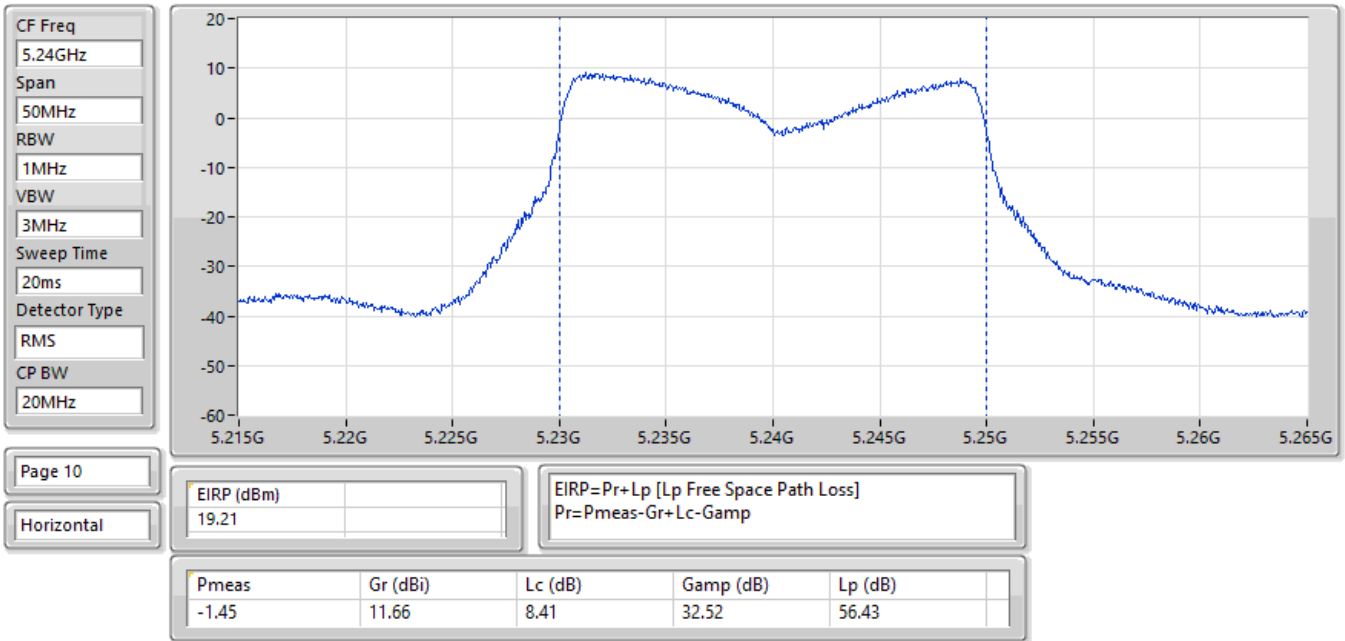
29/10/2025

EIRP;Band:5.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5200MHz;TX



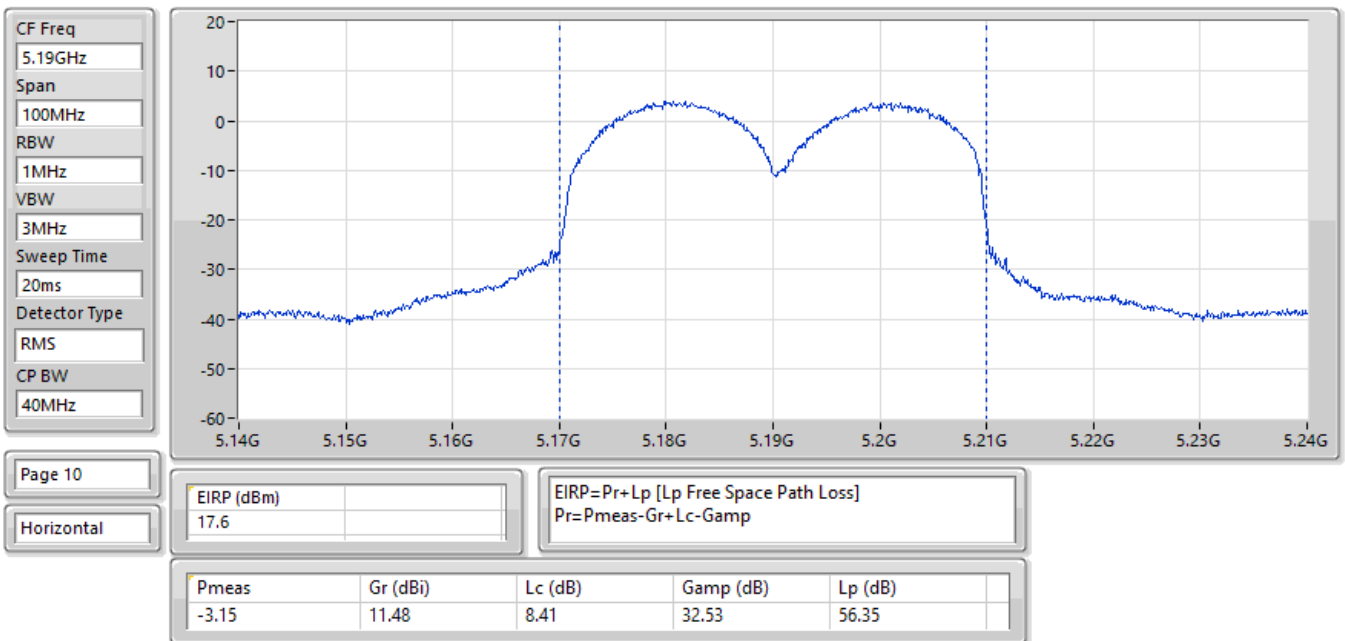
29/10/2025

EIRP:Band:5.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5240MHz;TX



29/10/2025

EIRP:Band:5.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5190MHz;TX



29/10/2025

EIRP:Band:5.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5230MHz;TX

CF Freq
5.23GHz

Span
100MHz

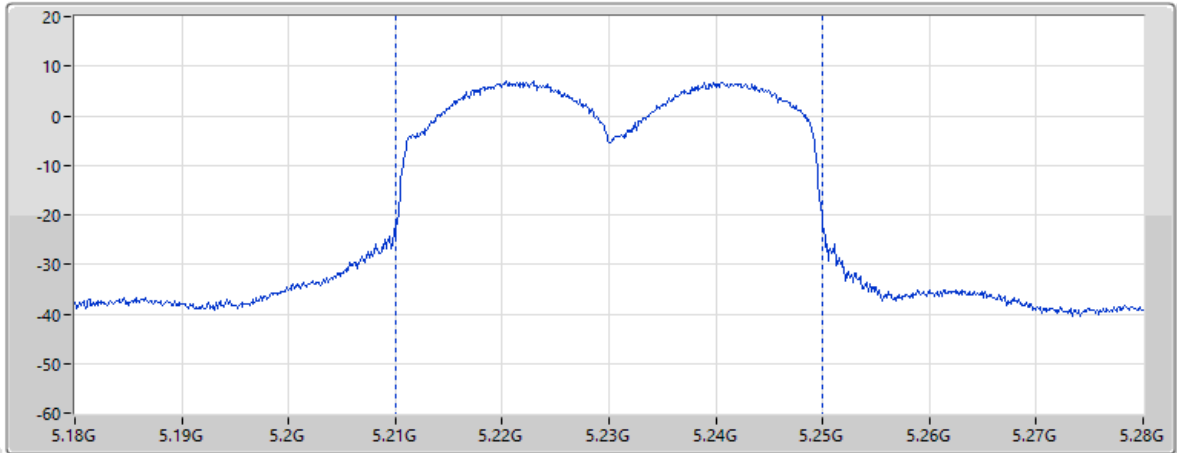
RBW
1MHz

VBW
3MHz

Sweep Time
1.01ms

Detector Type
RMS

CP BW
40MHz



Page 10

Horizontal

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
20.83				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.15	11.62	8.41	32.52	56.41

04/11/2025

EIRP:Band:5.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5210MHz;TX

CF Freq
5.21GHz

Span
200MHz

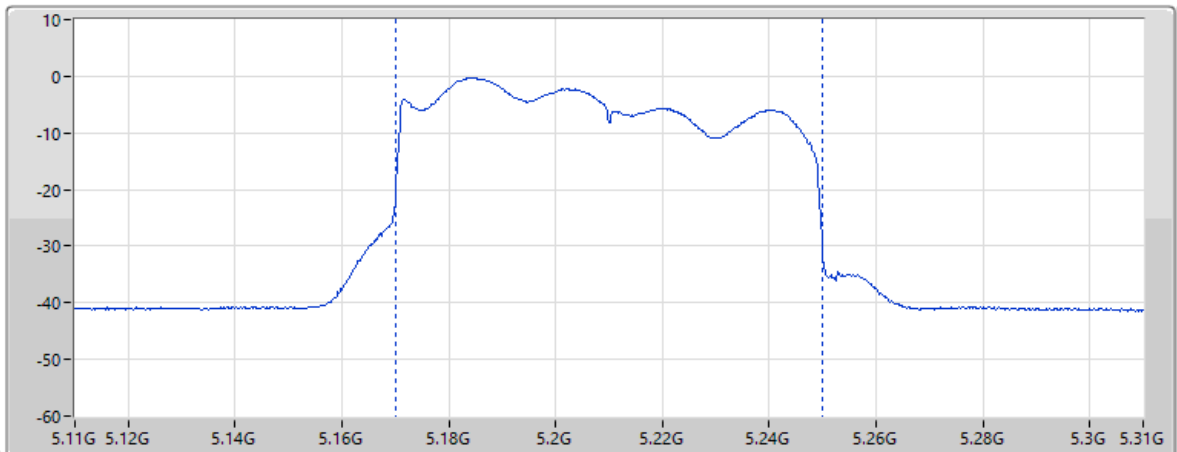
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
80MHz



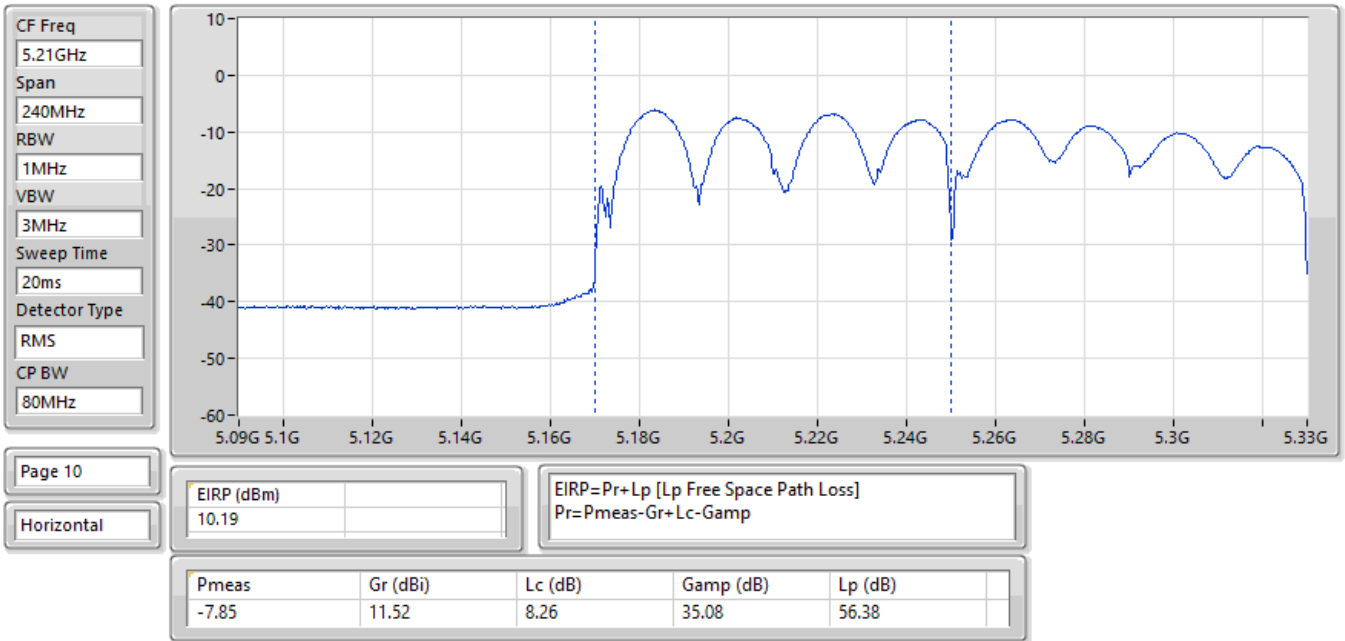
Page 10

Horizontal

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
15.59				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.45	11.52	8.26	35.08	56.38

04/11/2025

EIRP;Band:5.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:5250MHz;TX



07/11/2025

EIRP;Band:5.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5180MHz;TX

