



RADIO TEST REPORT

FCC ID : 2AHBN-AP27
Equipment : Wi-Fi 7 Wireless Access Point
Brand Name : Juniper
Model Name : AP27, AP27E
Applicant : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089
USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089
USA
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 19, 2025, and testing was started from Nov. 19, 2025 and completed on Mar. 25, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	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.

Reviewed by: Sam Chen**Report Producer: Vicky Huang**



1 General Description

1.1 Information

1.1.1 RF General Information

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

**For Radio 1:**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	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	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
5.47-5.725GHz	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	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
5.725-5.85GHz	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	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

For Scanning Radio 3:

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11 a	20	1TX
5.25-5.35GHz	802.11 a	20	1TX
5.47-5.725GHz	802.11 a	20	1TX
5.725-5.85GHz	802.11 a	20	1TX

**MRU (static preamble puncturing)
For Multi_RU/Puncturing:**

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

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

Note:

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

Worst case of MRU(static preamble puncturing) evaluation procedure

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


1.1.2 Antenna Information
<For EUT 1>

Ant.	RF Port					Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
	2.4G/5G	6G	IEEE 802.15.4	Bluetooth	GPS						
1	2	-	-	-	-	Juniper	AP27	PIFA	I-PEX	Note 1	WLAN 2.4GHz (Radio 2)
2	1	-	-	-	-	Juniper	AP27	PIFA	I-PEX		WLAN 5GHz UNII 1-3 (Radio 1)
3	-	2	1	-	-	Juniper	AP27	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
4	-	1	-	1	-	Juniper	AP27	PIFA	I-PEX		IEEE 802.15.4 (Radio 4)
5	1	1	-	-	-	Juniper	AP27, AP27E	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
6	-	-	-	-	1	Juniper	AP27, AP27E	PIFA	I-PEX	L1: 3.2 L5: 1.2	Bluetooth (Radio 4)
											WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
											GPS (Radio 5)

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)		WLAN 5GHz UNII 1-3 (Radio 1)						
	2.45GHz		5.2GHz		5.3GHz		5.6GHz		5.785GHz
1	2.07		4.39		3.95		4.78		3.77
2	3.16		3.08		3.92		4.68		4.27
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					IEEE 802.15.4 (Radio 4)			
	6.175GHz		6.475GHz		6.695GHz				
3	4.33		4.54		4.06		4.61		3.1
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					Bluetooth (Radio 4)			
	6.175GHz		6.475GHz		6.695GHz				
4	4.03		4.46		4.39		4.53		2.5
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
5	4.9	3.52	4.07	4.19	5.01	4.42	4.36	5.86	3.44



Directional Gain (dBi)				
Item	WLAN 2.4GHz (Radio 2)			
	2.45GHz			
2T1S	4.26			
2T2S	3.16			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
2T1S	5.58	5.59	5.98	5.92
2T2S	4.39	3.95	4.78	4.27
Item	WLAN 6GHz UNII 5-8 (Radio 0)			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.72	6.5	6.87	6.83
2T2S	4.33	4.54	4.39	4.61

Note 2: The above information (excepting Ant. 1-5 (WLAN) antenna gain and directional gain) was declared by Manufacturer.

Note 3: Radio 0-3: Maximum Directional Gain following KDB662911 D03.

For Radio 0:

6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 1:

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):

2.4GHz IEEE 802.11b/g mode (1TX/1RX)

5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)

6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)

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

For Radio 4:

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

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

For Radio 5:

GPS (1RX)

Only Port 1 can be used as receiving antenna.


<For EUT 2>

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1 (V)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA	Note 1	WLAN 2.4GHz (Radio 2)
2	2 (H)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		WLAN 5GHz UNII 1-3 (Radio 1)
3	1 (V)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		<External antenna>
4	2 (H)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		WLAN 6GHz UNII 5-8 (Radio 0)
5	1	Juniper	AP27, AP27E	PIFA	I-PEX		<External antenna>
6	1	Juniper	AP27, AP27E	PIFA	I-PEX	2.5	WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
7	1	Juniper	AP27, AP27E	PIFA	I-PEX	3.1	<Internal antenna>
8	1	Juniper	AP27, AP27E	PIFA	I-PEX	L1: 3.2 L5: 1.2	Bluetooth (Radio 4)
							IEEE 802.15.4 (Radio 4)
							<Internal antenna>
							GPS (Radio 5)
							<Internal antenna>

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)			WLAN 5GHz UNII 1-3 (Radio 1)					
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
1	8	10	10	10	10				
2	8	10	10	10	10				
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)								
	6.175GHz	6.475GHz	6.695GHz	6.995GHz					
	6.175GHz	6.475GHz	6.695GHz	6.995GHz					
3	10	10	10	10					
4	10	10	10	10					
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
5	4.9	3.52	4.07	4.19	5.01	4.42	4.36	5.86	3.44



Ant.	Cable Loss (dB)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	0.4	0.5	0.6	0.6	0.6
2	0.4	0.5	0.6	0.6	0.6
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
	0.6	0.7	0.7	0.7	
4	0.6	0.7	0.7	0.7	

Ant.	Net Gain (dBi)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	7.6	9.5	9.4	9.4	9.4
2	7.6	9.5	9.4	9.4	9.4
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
	9.4	9.3	9.3	9.3	
4	9.4	9.3	9.3	9.3	

Note 2: The above information (excepting Ant. 5 antenna gain) was declared by Manufacturer.

Note 3: V indicates that the antenna is vertically polarized.

H indicates that the antenna is horizontally polarized.

Note 4: The antenna 1~4 are the cross-polarized antenna; it doesn't need to evaluate array gain

Note 5: The 6GHz function in the external antenna is not enabled at this time.

For Radio 0:

6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 1:

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):

2.4GHz IEEE 802.11b/g mode (1TX/1RX)

5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)

6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)

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

For Radio 4:

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

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

For Radio 5:

GPS (1RX)

Only Port 1 can be used as receiving antenna.

**1.1.3 Mode Test Duty Cycle****For Full RU****<For EUT 1>****For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.944	0.25	2.065m	500
802.11be EHT20_Nss 1,(M0)	0.979	0.09	1.496m	1k
802.11be EHT40_Nss 1,(M0)	0.959	0.18	780.313u	2k
802.11be EHT80_Nss 1,(M0)	0.926	0.33	409.375u	3k
802.11be EHT160_Nss 1,(M0)	0.875	0.58	240.625u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.979	0.09	1.496m	1k
802.11be EHT40-BF_Nss 1,(M0)	0.959	0.18	780.313u	2k
802.11be EHT80-BF_Nss 1,(M0)	0.926	0.33	409.375u	3k
802.11be EHT160-BF_Nss 1,(M0)	0.875	0.58	240.625u	5k

For Scanning Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.805	0.94	128.25u	10k

<For EUT 2>**For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.95	0.22	2.069m	500
802.11be EHT20_Nss 1,(M0)	0.979	0.09	1.5m	1k
802.11be EHT40_Nss 1,(M0)	0.962	0.17	784.375u	2k
802.11be EHT80_Nss 1,(M0)	0.93	0.32	412.5u	3k
802.11be EHT160_Nss 1,(M0)	0.878	0.57	240.625u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.979	0.09	1.5m	1k
802.11be EHT40-BF_Nss 1,(M0)	0.962	0.17	784.375u	2k
802.11be EHT80-BF_Nss 1,(M0)	0.93	0.32	412.5u	3k
802.11be EHT160-BF_Nss 1,(M0)	0.878	0.57	240.625u	5k

For Multi_RU/Puncturing**<For EUT 1>****For Radio 1**

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

**<For EUT 2>
For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242	0.969	0.14	998.75u	2k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242	0.966	0.15	999.063u	2k
802.11be EHT160_Nss1,(MCS0),RU996+RU484	0.966	0.15	999.063u	2k

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 Radio 0 (ax/be in 6GHz) and Radio 1 (n/ac/ax/be in 5GHz), Radio 2 (n/VHT/ax/be in 2.4GHz).			
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 for Radio 1		
	☒	Unsupported for Scanning Radio 3		
Support RU	☒	Full RU for Radio 1 and Scanning Radio 3	☒	Partial RU for Radio 1
Test Software Version	For Radiated Emission Co-location and Radiated Emission TXBF mode: DOS [ver 6.1.7601] For others: accessMTool v3.3.0.9			
Firmware / Software Version for TPC	cbar-naerys-dfs-0.15.2232-842f55fd7			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

EUT	Model Name	6GHz	Wi-Fi Antenna	802.15.4 Antenna	BT Antenna	Scan Antenna	GPS Antenna
1	AP27	Support (Radio 0, 3)	Internal antenna (Radio 0~3)	the same (the only difference between two model is the cable length)	the same (the only difference between two model is the cable length)	The same	The same
2	AP27E	Support (Radio 3)	external antenna (Radio 0~2) Internal antenna (Radio 3)	the same (the only difference between two model is the cable length)	the same (the only difference between two model is the cable length)	The same	The same

Note 1: All models are identical to each other in all aspects except for the listing table.

Note 2: From the above, both EUTs were tested except for Radio 1 (TPC) and Scanning Radio 3 (RF conducted and RF Radiated above 1GHz).

For Radio 1 (TPC), EUT 2 was selected as the representative model for the test.

For Scanning Radio 3 (RF conducted and RF Radiated above 1GHz), EUT 1 was selected as the representative model for the test.

Note 3: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4	GPS
0	-	-	V (UNII 5~8) (For model AP27 only)	-	-	-
1	-	V (UNII 1-3)	-	-	-	-
2	V	-	-	-	-	-
3 (Scanning radio)	V	V (UNII 1-3)	V (UNII 5~8)	-	-	-
4	-	-	-	V	V	-
5	-	-	-	-	-	V

Note 1: For WLAN 2.4GHz: The Radio 2 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 1 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 0 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.



1.2 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 662911 D03 v01
- ◆ FCC KDB 412172 D01 v01r01
- ◆ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Emission Bandwidth-Test Mode: Mode 1~2 / Maximum Output Power-Test Mode: Mode 1~2 / Power Spectral Density-Test Mode: Mode 1~2 and Mode 4)	TH01-CB	Edmund Tsai	20.5~21 / 63~67	Dec. 26, 2025~ Mar. 24, 2026
RF Conducted (Emission Bandwidth-Test Mode: Mode 3 / Maximum Output Power-Test Mode: Mode 3 / Power Spectral Density-Test Mode: Mode 3 and Mode 5)	TH01-CB	Brian Sun	20.5~21 / 63~67	Dec. 29, 2025~ Mar. 24, 2026
RF Conducted (Maximum Output Power-Test Mode: Mode 4)	TH03-CB	Justin Lin	19.8~20.3 / 63~67	Mar. 06, 2026
Radiated below 1GHz	10CH01-CB	Ryan Huang	23~24 / 56~57	Feb. 06, 2026
Radiated above 1GHz (others-Test Mode: Mode 1~2 and Mode 4)	03CH02-CB	Viola Huang	21.5~23.3 / 58~61	Nov. 19, 2025~ Mar. 21, 2026
	03CH03-CB		21.6~23.1 / 58~62	
	03CH04-CB		21.4~22.6 / 57~61	
	03CH05-CB		21.5~22.9 / 57~60	
Radiated above 1GHz (others-Test Mode: Mode 3 and Mode 5)	03CH04-CB	Viola Huang	21.4~22.6 / 57~61	Nov. 24, 2025~ Mar. 20, 2026
	03CH05-CB		21.5~22.9 / 57~60	
Radiated above 1GHz (Co-location- Test Mode: Mode 1~3)	03CH06-CB	Paul Hu	21.9~23.1 / 60~62	Mar. 25, 2026
Radiated above 1GHz (Co-location-Test Mode: Mode 4)	03CH06-CB	Alex Kuo	21.9~23.1 / 60~62	Mar. 25, 2026
AC Conduction	CO01-CB	Tim Chen	23~24 / 60~61	Feb. 06, 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

For Full RU
<For EUT 1>
For Radio 1

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



802.11be EHT80_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

**For Scanning Radio 3**

Mode
802.11a_Nss1,(6Mbps)_1TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz

**<For EUT 2>
For Radio 1**

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
802.11be EHT80_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz



5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz



For Multi_RU/Puncturing
<For EUT 1>
For Radio 1

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_2TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5530MHz
5610MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_2TX
5570MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_2TX
5570MHz

**<For EUT 2>
For Radio 1**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5530MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX
5610MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5690MHz Straddle 5.47-5.725GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5690MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX
5775MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 4_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_2TX
5570MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_2TX
5570MHz

Note:

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	WLAN/IEEE 802.15.4: Normal Link / Bluetooth: CTX
1	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
2	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
3	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
5	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
6	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
7	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
8	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 7 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
10	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
For operating mode 7 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1
2	EUT 1_R3
3	EUT 2_R1



The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Output Power
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1
2	EUT 1_R3
3	EUT 2_R1
4	EUT 2_R1 (Only TPC)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1_Full RU
2	EUT 1_R3
3	EUT 2_R1_Full RU
4	EUT 1_R1_Multi_RU/Puncturing
5	EUT 2_R1_Multi_RU/Puncturing

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	WLAN/IEEE 802.15.4: Normal Link / Bluetooth: CTX
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
2	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
3	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
5	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
6	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
7	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
8	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE



Mode 6 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9~10 will follow this same test mode.

9	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
10	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE

For operating mode 6 is the worst case and it was record in this test report.

Operating Mode > 1GHz	CTX
---------------------------------	-----

After evaluating, the worst-case axis was found as below. So the measurement will follow this same test configuration

1	EUT 1 in Z axis_R1_Full RU
2	EUT 1 in Y axis_R3
3	EUT 2 in Y axis_R1_Full RU
4	EUT 1 in Z axis_R1_Multi_RU/Puncturing
5	EUT 2 in Y axis_R1_Multi_RU/Puncturing

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, the worst-case axis was found as below. So the measurement will follow this same test configuration.

1	EUT 1 in Y axis_R0: 6GHz+R4: Bluetooth
2	EUT 1 in Z axis_R1: 5GHz+R2: 2.4GHz
3	EUT 1 in Z axis_R0: 6GHz+R4: IEEE 802.15.4
4	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz

For operating mode 2 is the worst case and it was record in this test report.

Refer to Appendix F 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	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth
2	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth
3	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth
4	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4
5	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4
6	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: IEEE 802.15.4
7	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth



8	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth
9	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4
10	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4
11	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth
12	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: IEEE 802.15.4
Refer to Sporton Test Report No.: FA5N0636 for Co-location RF Exposure Evaluation.	

Note1: R means Radio.

Note2:16-pin connector port was used for debugging by the manufacturer only.

Note3:The Scanning Radio 3 doesn't need to test TPC due to no data transmission.

Note4: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE	PHIHONG	POE60U-BTA

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "DOS [ver 6.1.7601]" to link with the remote workstation to transmit and receive packet by Wi-Fi 7 Wireless Access Point 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
Bracket*1
Antenna Bracket of External Ant. 1~4 (Used for EUT 2) / (Note)

Note: Optional, not sold with EUT



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	10G Eth0+PoE PC	ASUS	S300TA	TX2-RTL8821CE
D	Eth1 NB	Lenovo	X260	N/A
E	GPS Simulator	WELNAVIGATE	GS-100	N/A
F	2.4G NB	Lenovo	X260	N/A
G	5G NB	Lenovo	X260	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Flash disk3.0	Transcend	JetFlash-703	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A
C	10G Eth0+PoE PC	ASUS	S300TA	TX2-RTL8821CE
D	Eth1 PC	ASUS	S300TA	TX2-RTL8821CE
E	5G NB	Lenovo	X260	N/A
F	2.4G NB	Lenovo	X260	N/A
G	GPS Simulator	WELNAVIGATE	GS-100	N/A

For Radiated (above 1GHz):

For non-beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A

For beamforming mode:

Test Mode: Mode 1

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A
C	Wi-Fi 7 Wireless Access Point	Juniper	AP27	2AHBN-AP27
D	NB	DELL	E4300	N/A

**Test Mode: Mode 3**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A
C	Wi-Fi 7 Wireless Access Point	Juniper	AP27E	2AHBN-AP27
D	NB	DELL	E4300	N/A

For RF Conducted (Other tests):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	NB	Lenovo	L440	N/A

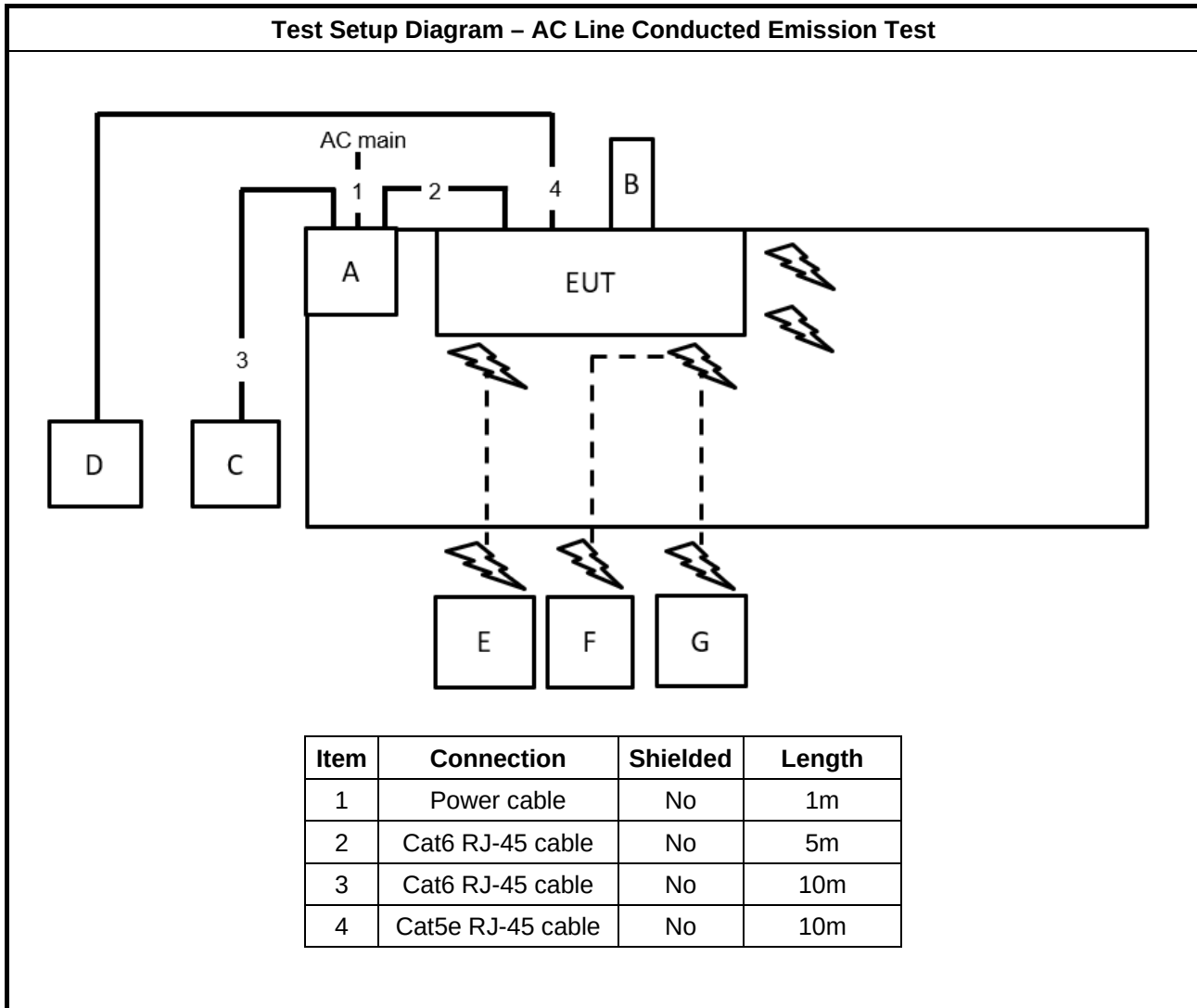
For RF Conducted (TPC):

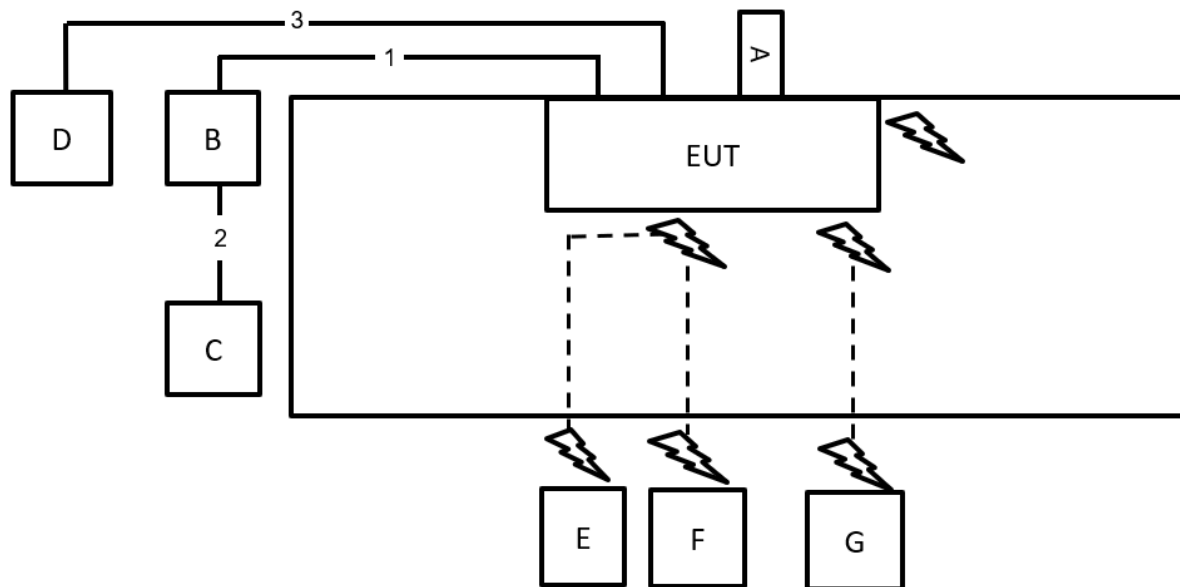
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	NB	DELL	E6230	N/A
C	WLAN module	Intel	BE200NGW	PD9BE200NG
D	NB	DELL	E6230	N/A

For Radiated Emission (Co-location):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PC	DELL	T3400	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A

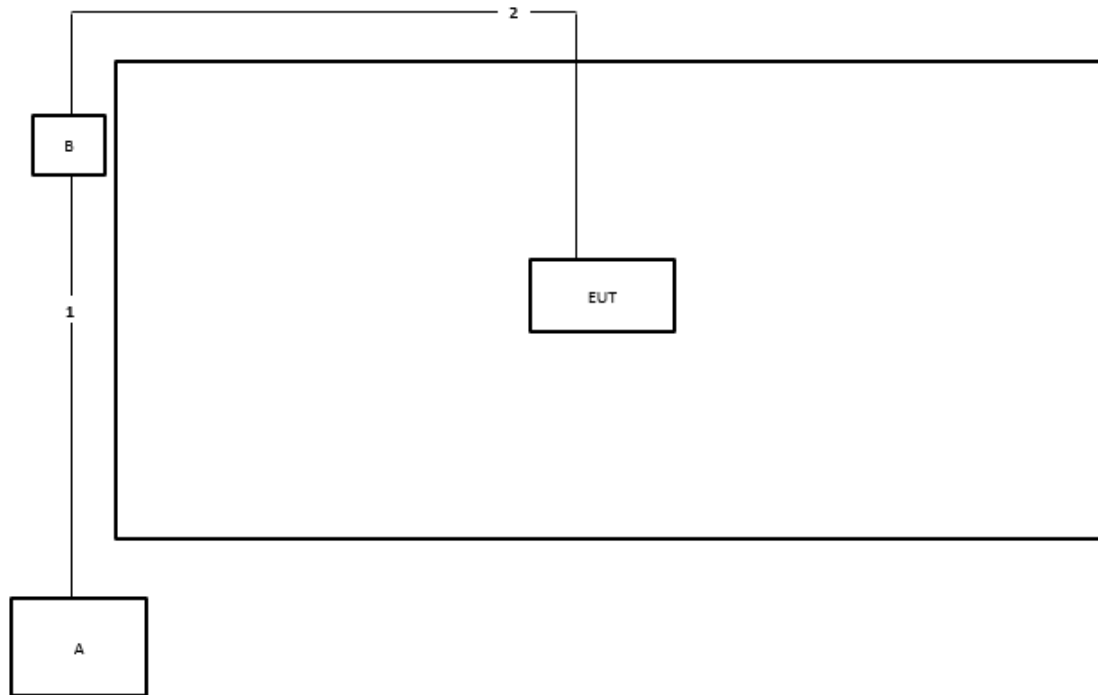
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


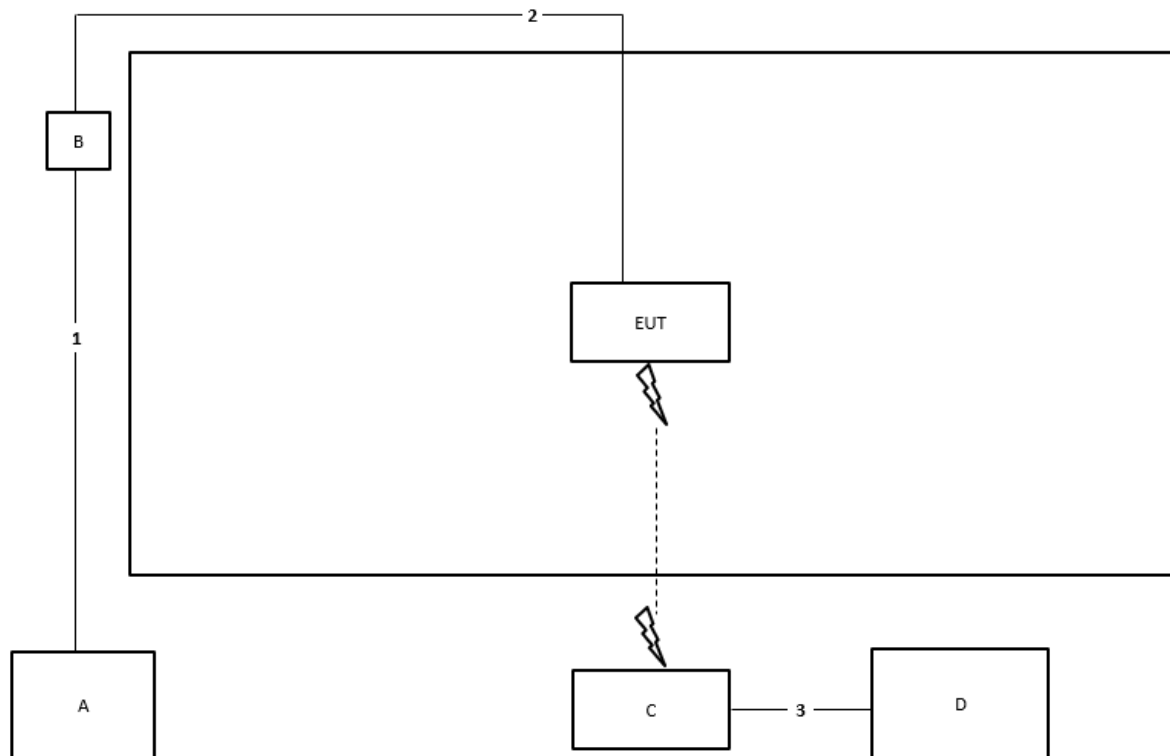
Item	Connection	Shielded	Length
1	Cat6 RJ-45 cable	No	10m
2	Cat6 RJ-45 cable	No	5m
3	Cat5e RJ-45 cable	No	10m

**Test Setup Diagram - Radiated Test > 1GHz
For non-beamforming mode**

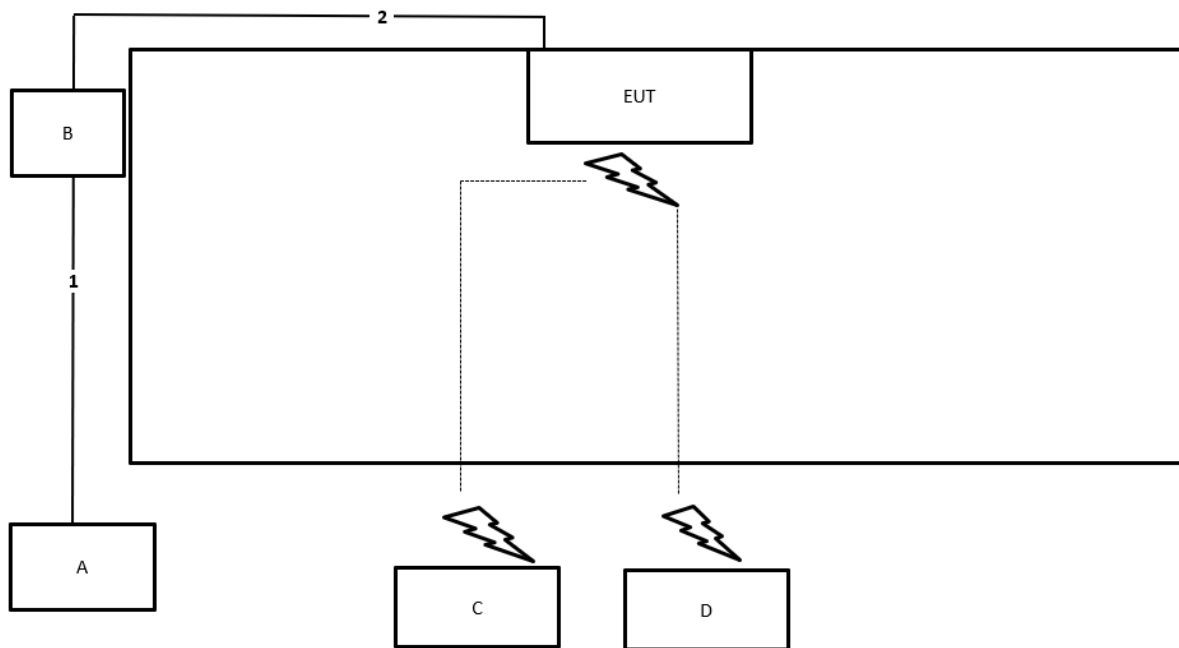


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m

**Test Setup Diagram - Radiated Test > 1GHz
For beamforming mode**



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

Test Setup Diagram - Radiated Emission Co-location Test


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.2 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.

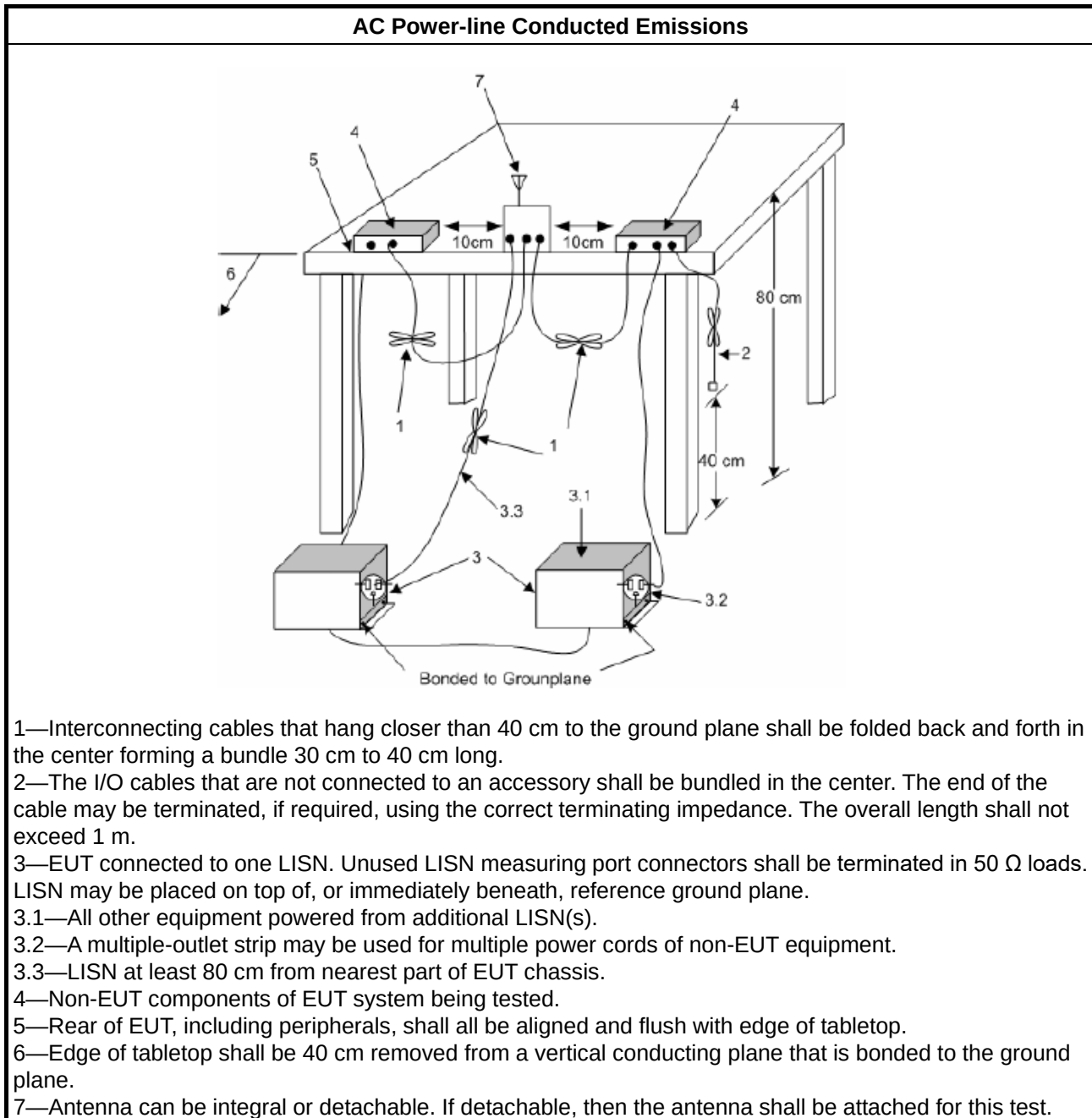
3.1.3 Measuring Instruments

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

3.1.4 Test Procedures

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

3.1.5 Test Setup



3.1.6 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

3.1.7 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.2 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

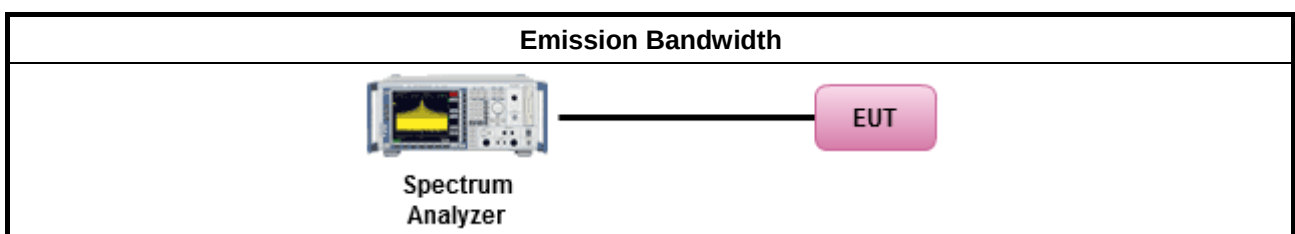
3.2.3 Measuring Instruments

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

3.2.4 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.

3.2.5 Test Setup



3.2.6 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.2 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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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.
☐ For the 5.47-5.6 GHz band and 5.65-5.725 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.	
☐ 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.	

3.3.3 Measuring Instruments

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

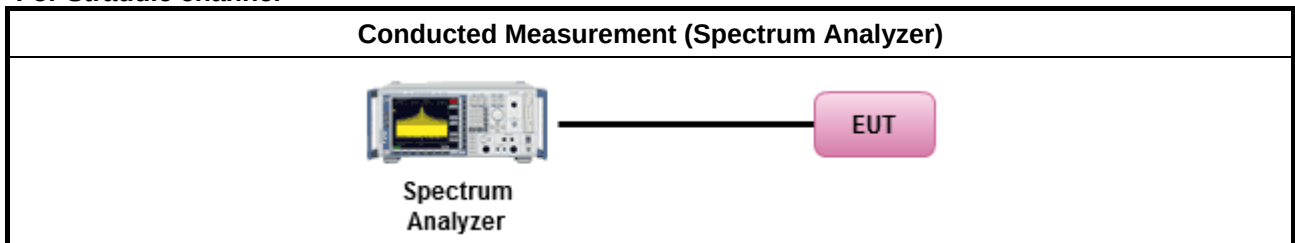
3.3.4 Test Procedures

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

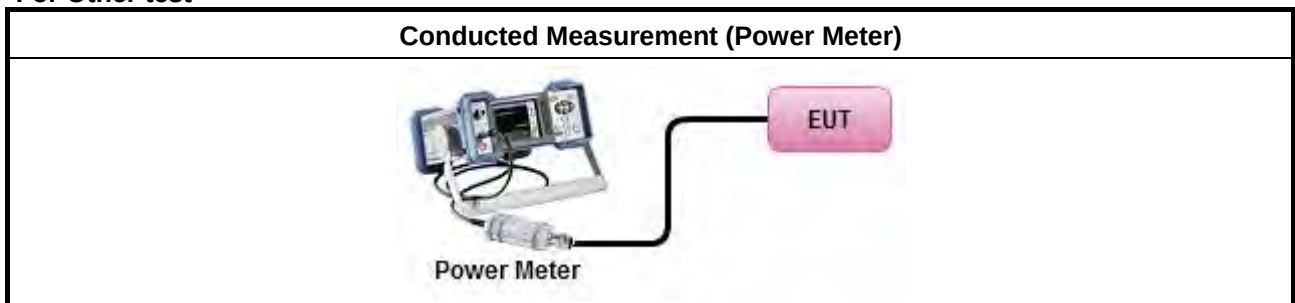
TPC	
☐	Auto TPC Procedure
	1. Configure EUT and companion device for peer-to-peer communication.
	2. Set variable attenuator to 0dB (noise free spectral environment, high RSSI simulation)
	3. Establish a link and start communication between EUT and companion device.
	4. Capture output power (1) in power meter or spectrum analyzer.
	5. Set variable attenuator to 25dB (noisy spectral environment, low RSSI simulation).
	6. Capture output power (2) in power meter or spectrum analyzer.
	7. Compare the highest output power (1) to the highest output power (2) and determine the delta. For MIMO operations use the sum of the highest output power from each individual antenna.
☒	Manual TPC Procedure
	1. Configure EUT and companion device for peer-to-peer communication.
	2. Establish a link and start communication between EUT and companion device.
	3. Capture output power (1) in power meter or spectrum analyzer.
	4. Enable TPC function on GUI and reduced power level (%).
	5. Capture output power (2) in power meter or spectrum analyzer.
	6. Compare the highest output power (1) to the highest output power (2) and determine the delta. For MIMO operations use the sum of the highest output power from each individual antenna.

3.3.5 Test Setup

For Straddle channel



For Other test



3.3.6 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.2 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 5.47-5.6 GHz band and 5.65-5.725 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.	

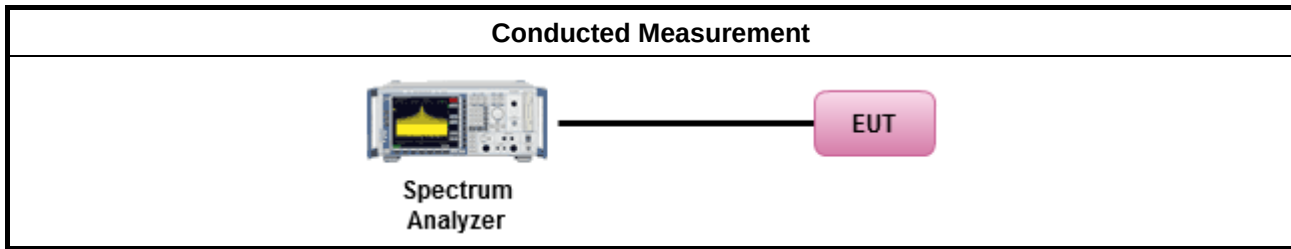
3.4.3 Measuring Instruments

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

**3.4.4 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.	

3.4.5 Test Setup



3.4.6 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.2 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).

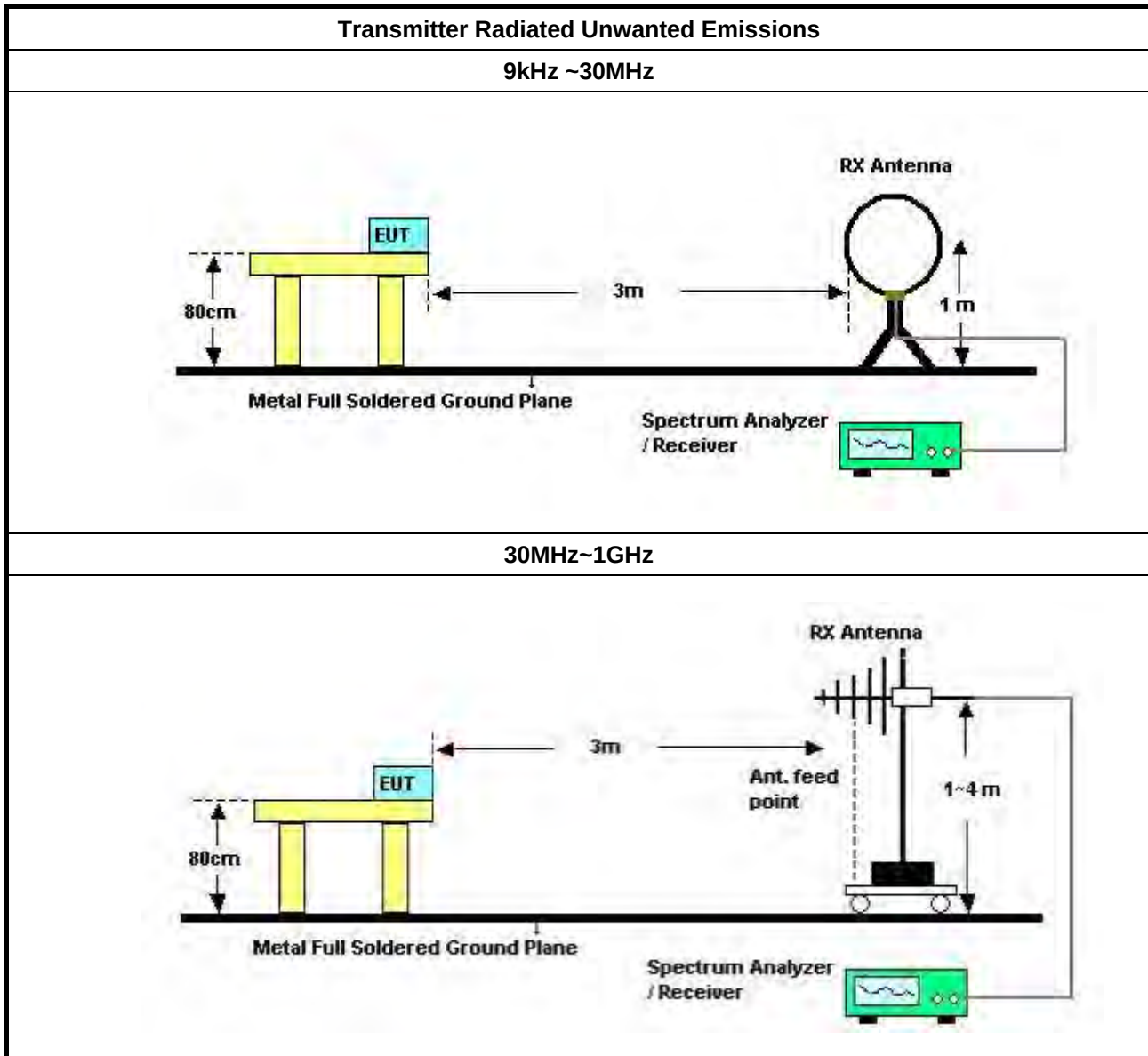
3.5.3 Measuring Instruments

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

3.5.4 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 ≥ 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.	

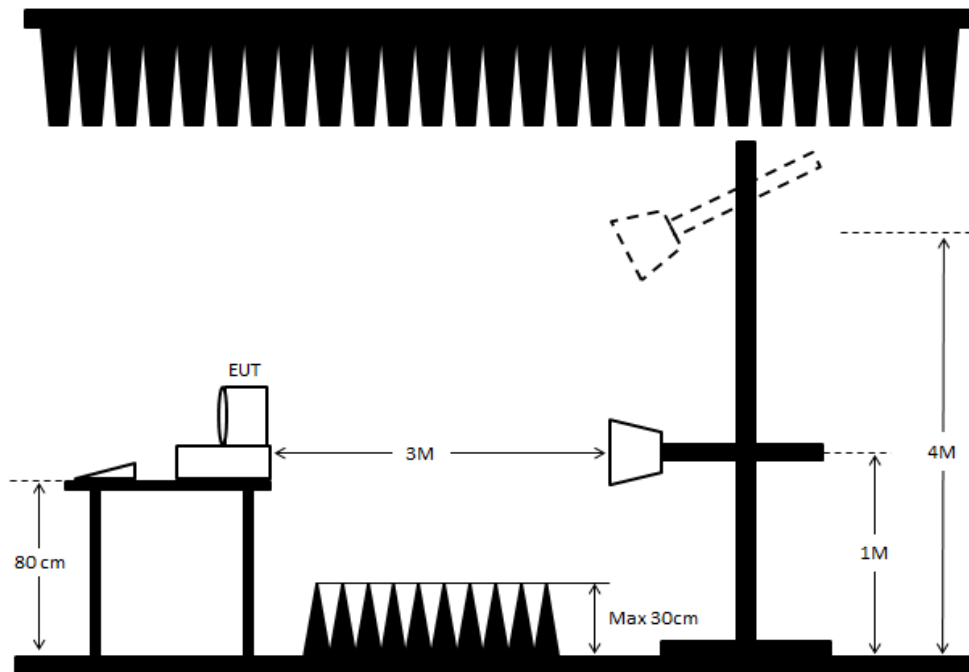
3.5.5 Test Setup



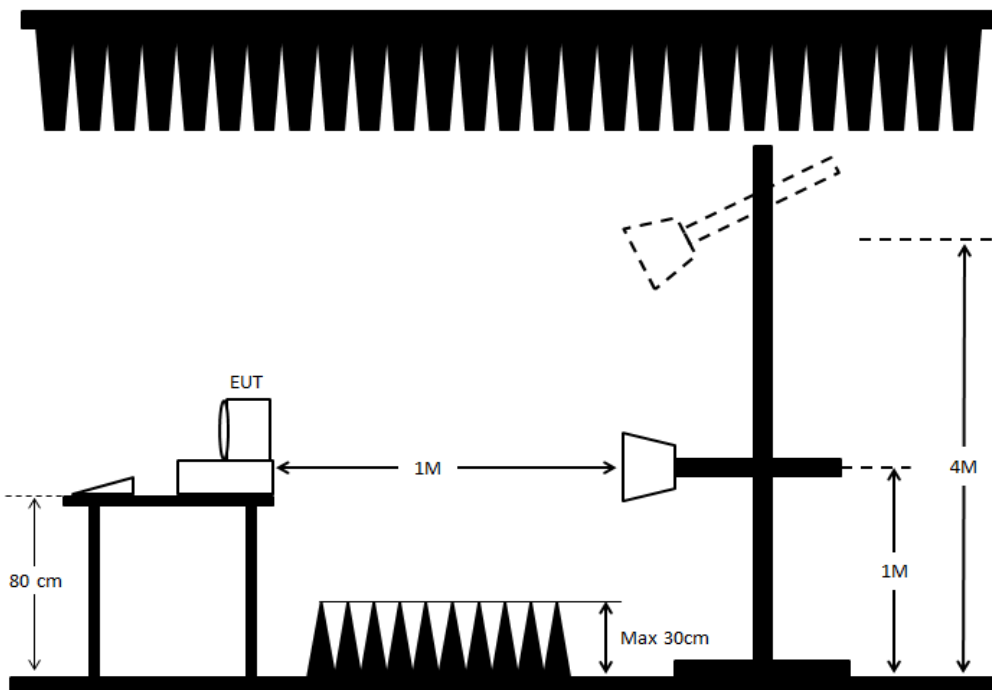
Above 1GHz

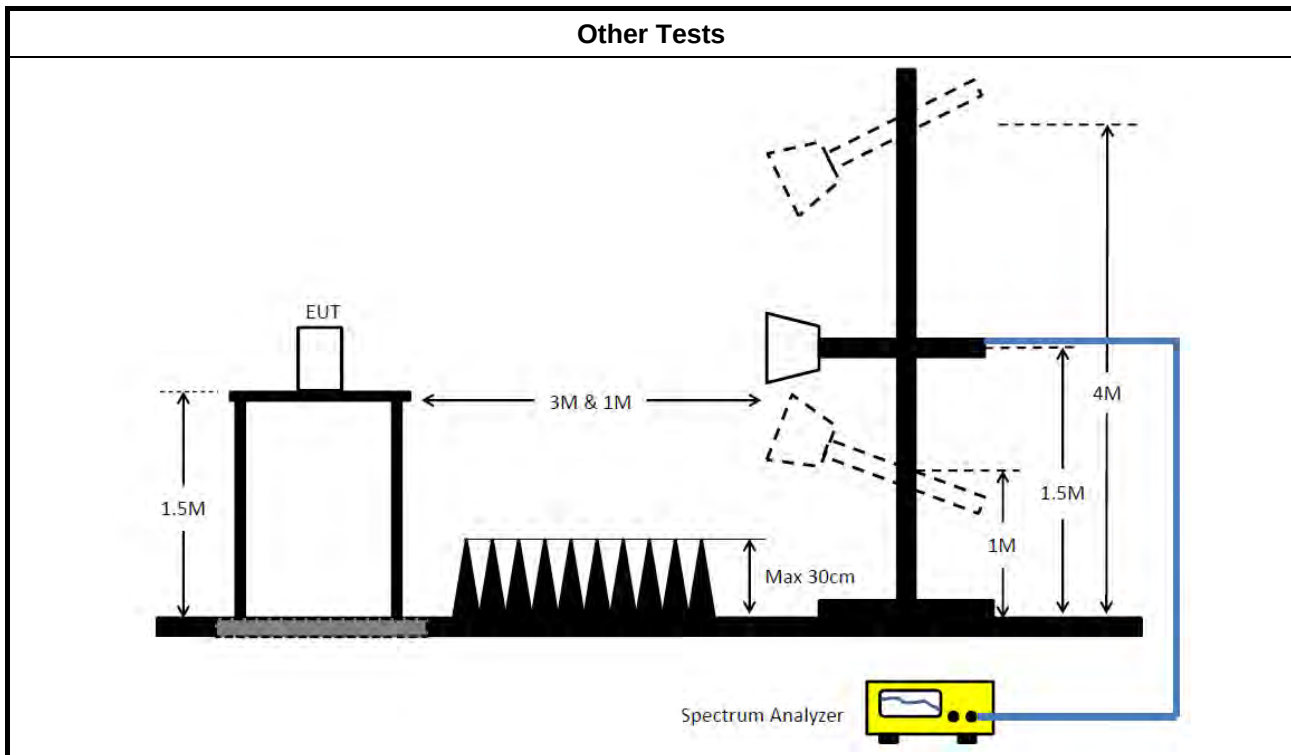
Co-location

1,000~18,000 MHz



18,000~40,000 MHz





3.5.6 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.

3.5.7 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.

3.5.8 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. 06, 2025	Mar. 05, 2026	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	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	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)
EMI Test Receiver	Rohde& Schwarz	ESR7	103076	9kHz ~ 7GHz	Aug. 27, 2025	Aug. 26, 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)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 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	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 15, 2025	Apr. 14, 2026	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH02-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 (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 20, 2025	Aug. 19, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 19, 2025	Jun. 18, 2026	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 06, 2026	Feb. 05, 2027	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
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	Nov. 13, 2025	Nov. 12, 2026	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	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20240911-1	1~ 26.5GHz	Sep. 18, 2025	Sep. 17, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 10, 2025	Jun. 09, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
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	Nov. 13, 2025	Nov. 12, 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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2025	May 26, 2026	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 2026	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 2026	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 12, 2025	Sep. 11, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH03-CB)
RF Power Divider	STI	2 Way	DV-8G-01	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)
RF Power Divider	STI	2 Way	DV-8G-02	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH03-CB)



RADIO TEST REPORT

Report No. : FR5N0636AB

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15407 _NII	V5.11. 27	5.15GHz- 7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.



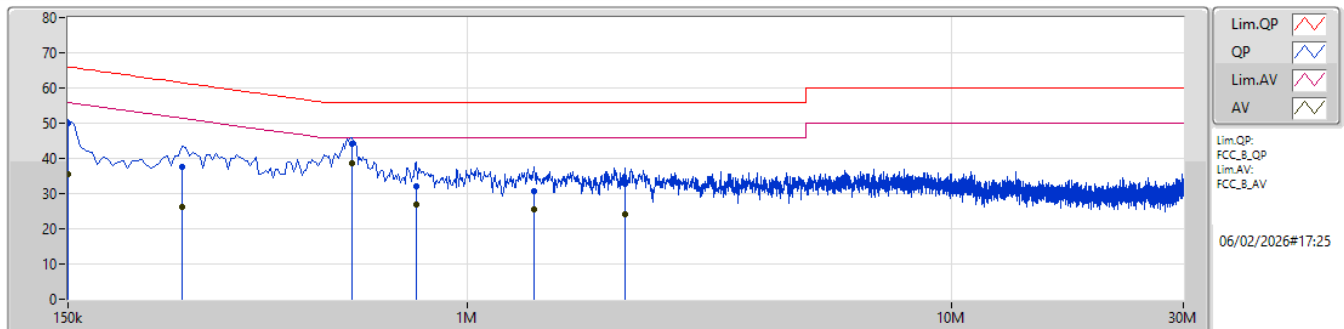
Conducted Emissions at Powerline

Appendix A

Summary

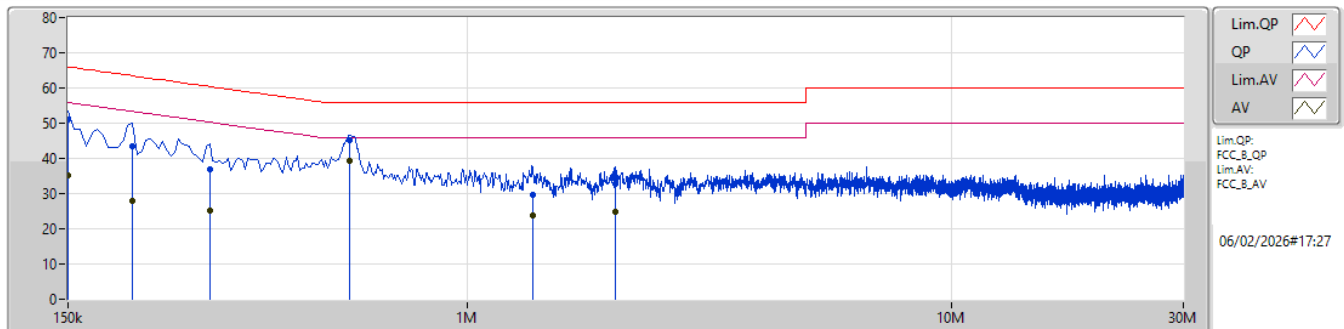
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 7	Pass	AV	573k	39.36	46.00	-6.64	Neutral

Mode 7



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	50.12	66.00	-15.88	10.03	Line	-	40.09	0.05	0.10	9.88						
AV	150k	35.56	56.00	-20.44	10.03	Line	-	25.53	0.05	0.10	9.88						
QP	258k	37.55	61.49	-23.94	9.95	Line	-	27.60	0.06	0.08	9.81						
AV	258k	26.37	51.49	-25.12	9.95	Line	-	16.42	0.06	0.08	9.81						
QP	577.5k	44.13	56.00	-11.87	10.09	Line	-	34.04	0.06	0.13	9.90						
AV	577.5k	38.67	46.00	-7.33	10.09	Line	"Worst"	28.58	0.06	0.13	9.90						
QP	784.5k	32.16	56.00	-23.84	10.10	Line	-	22.06	0.07	0.14	9.89						
AV	784.5k	26.83	46.00	-19.17	10.10	Line	-	16.73	0.07	0.14	9.89						
QP	1.37M	30.79	56.00	-25.21	10.05	Line	-	20.74	0.08	0.15	9.82						
AV	1.37M	25.48	46.00	-20.52	10.05	Line	-	15.43	0.08	0.15	9.82						
QP	2.121M	32.70	56.00	-23.30	9.97	Line	-	22.73	0.09	0.14	9.74						
AV	2.121M	24.12	46.00	-21.88	9.97	Line	-	14.15	0.09	0.14	9.74						

Mode 7



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	51.04	66.00	-14.96	10.06	Neutral	-	40.98	0.08	0.10	9.88						
AV	150k	35.16	56.00	-20.84	10.06	Neutral	-	25.10	0.08	0.10	9.88						
QP	204k	43.32	63.44	-20.12	9.90	Neutral	-	33.42	0.08	0.06	9.76						
AV	204k	27.86	53.44	-25.58	9.90	Neutral	-	17.96	0.08	0.06	9.76						
QP	294k	37.04	60.42	-23.38	10.01	Neutral	-	27.03	0.08	0.09	9.84						
AV	294k	25.13	50.42	-25.29	10.01	Neutral	-	15.12	0.08	0.09	9.84						
QP	573k	45.08	56.00	-10.92	10.11	Neutral	-	34.97	0.08	0.13	9.90						
AV	573k	39.36	46.00	-6.64	10.11	Neutral	"Worst"	29.25	0.08	0.13	9.90						
QP	1.365M	29.61	56.00	-26.39	10.07	Neutral	-	19.54	0.10	0.15	9.82						
AV	1.365M	23.79	46.00	-22.21	10.07	Neutral	-	13.72	0.10	0.15	9.82						
QP	2.018M	32.79	56.00	-23.21	9.99	Neutral	-	22.80	0.11	0.14	9.74						
AV	2.018M	24.73	46.00	-21.27	9.99	Neutral	-	14.74	0.11	0.14	9.74						

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	23.595M	17.08M	17M1D1D	21.45M	16.767M
802.11be EHT20_Nss1,(MCS0)_2TX	32.45M	19.165M	19M2D1D	21.45M	19.06M
802.11be EHT40_Nss1,(MCS0)_2TX	44.22M	37.801M	37M8D1D	40.26M	37.772M
802.11be EHT80_Nss1,(MCS0)_2TX	85.36M	77.255M	77M3D1D	85.36M	77.242M
802.11be EHT160_Nss1,(MCS0)_2TX	80.64M	77.271M	77M3D1D	80.56M	77.217M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.835M	16.916M	16M9D1D	20.955M	16.724M
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.195M	19M2D1D	21.45M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	43.01M	37.922M	37M9D1D	40.37M	37.778M
802.11be EHT80_Nss1,(MCS0)_2TX	85.14M	77.426M	77M4D1D	83.16M	77.186M
802.11be EHT160_Nss1,(MCS0)_2TX	81.68M	77.262M	77M3D1D	80.56M	77.168M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.55M	16.863M	16M9D1D	15.585M	13.493M
802.11be EHT20_Nss1,(MCS0)_2TX	23.265M	19.119M	19M1D1D	16.275M	14.527M
802.11be EHT40_Nss1,(MCS0)_2TX	43.34M	37.854M	37M9D1D	36.295M	33.78M
802.11be EHT80_Nss1,(MCS0)_2TX	85.14M	77.416M	77M4D1D	78.225M	73.222M
802.11be EHT160_Nss1,(MCS0)_2TX	163.24M	156.118M	156MD1D	163.24M	156.02M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	16.939M	16M9D1D	3.14M	4.215M
802.11be EHT20_Nss1,(MCS0)_2TX	18.865M	19.197M	19M2D1D	4.48M	4.73M
802.11be EHT40_Nss1,(MCS0)_2TX	37.51M	37.919M	37M9D1D	3.74M	8.96M
802.11be EHT80_Nss1,(MCS0)_2TX	75.9M	77.319M	77M3D1D	3.64M	11.437M

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

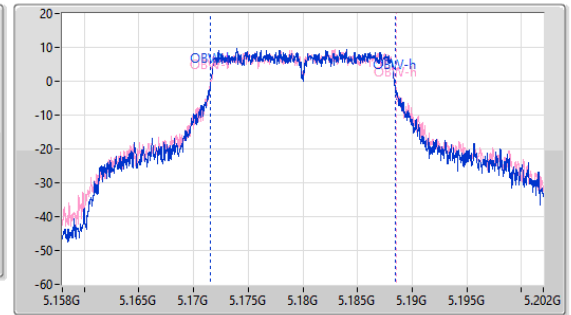
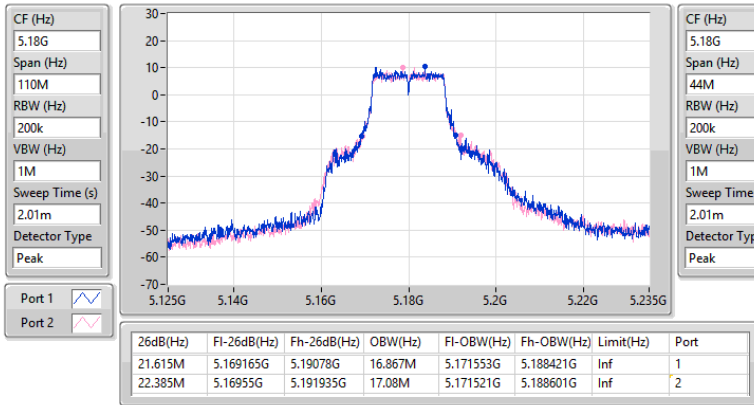
Result

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	21.615M	16.867M	22.385M	17.08M
5200MHz	Pass	Inf	23.595M	17.079M	21.615M	16.869M
5240MHz	Pass	Inf	21.45M	16.767M	21.45M	16.808M
5260MHz	Pass	Inf	21.34M	16.916M	21.395M	16.785M
5300MHz	Pass	Inf	20.955M	16.724M	21.395M	16.769M
5320MHz	Pass	Inf	21.395M	16.865M	21.835M	16.838M
5500MHz	Pass	Inf	22.55M	16.863M	21.78M	16.828M
5580MHz	Pass	Inf	20.955M	16.734M	21.285M	16.839M
5700MHz	Pass	Inf	21.01M	16.676M	21.175M	16.638M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.585M	13.493M	17.685M	13.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.215M	3.14M	4.531M
5745MHz	Pass	500k	16.5M	16.888M	16.445M	16.762M
5785MHz	Pass	500k	16.39M	16.795M	16.335M	16.89M
5825MHz	Pass	500k	16.39M	16.939M	16.335M	16.835M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.99M	19.098M	23.485M	19.082M
5200MHz	Pass	Inf	32.45M	19.165M	21.56M	19.088M
5240MHz	Pass	Inf	21.45M	19.06M	22.33M	19.093M
5260MHz	Pass	Inf	22.055M	19.083M	22.33M	19.108M
5300MHz	Pass	Inf	21.45M	19.04M	22.33M	19.11M
5320MHz	Pass	Inf	22.22M	19.195M	21.945M	19.116M
5500MHz	Pass	Inf	21.56M	19.119M	22.055M	19.115M
5580MHz	Pass	Inf	21.45M	19.05M	23.265M	19.097M
5700MHz	Pass	Inf	21.01M	19.028M	21.45M	19.008M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.235M	14.527M	16.275M	14.591M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.73M	4.48M	5.221M
5745MHz	Pass	500k	18.205M	19.197M	18.865M	19.139M
5785MHz	Pass	500k	18.865M	19.101M	15.95M	19.108M
5825MHz	Pass	500k	18.535M	19.056M	17.105M	19.073M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.01M	37.789M	44.22M	37.785M
5230MHz	Pass	Inf	40.26M	37.772M	41.25M	37.801M
5270MHz	Pass	Inf	42.46M	37.831M	43.01M	37.922M
5310MHz	Pass	Inf	40.37M	37.778M	41.8M	37.904M
5510MHz	Pass	Inf	41.36M	37.811M	42.02M	37.845M
5550MHz	Pass	Inf	43.34M	37.854M	42.68M	37.844M
5670MHz	Pass	Inf	41.03M	37.844M	42.35M	37.761M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.54M	33.78M	36.295M	33.78M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	8.96M	3.74M	9.002M
5755MHz	Pass	500k	36.96M	37.919M	37.51M	37.887M
5795MHz	Pass	500k	37.07M	37.802M	36.3M	37.798M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.36M	77.242M	85.36M	77.255M
5290MHz	Pass	Inf	85.14M	77.186M	83.16M	77.426M
5530MHz	Pass	Inf	83.6M	77.227M	85.14M	77.416M
5610MHz	Pass	Inf	84.26M	77.214M	82.5M	77.256M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.225M	73.34M	78.9M	73.222M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	17.792M	3.64M	11.437M
5775MHz	Pass	500k	74.36M	77.134M	75.9M	77.319M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.271M	80.56M	77.217M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.56M	77.168M	81.68M	77.262M
5570MHz	Pass	Inf	163.24M	156.118M	163.24M	156.02M

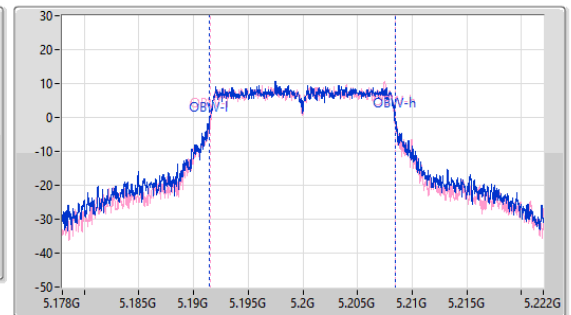
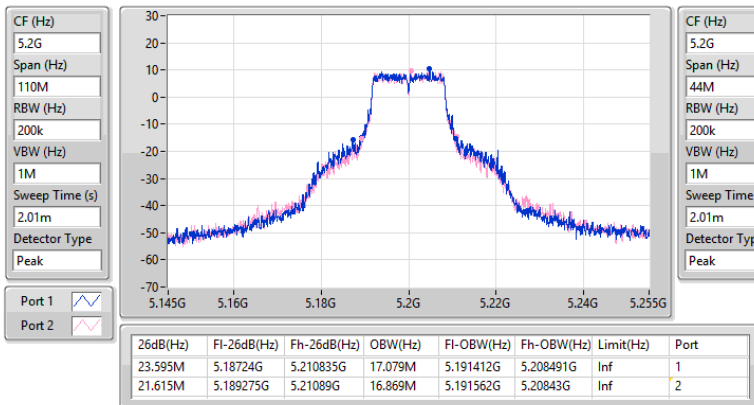
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

06/02/2026

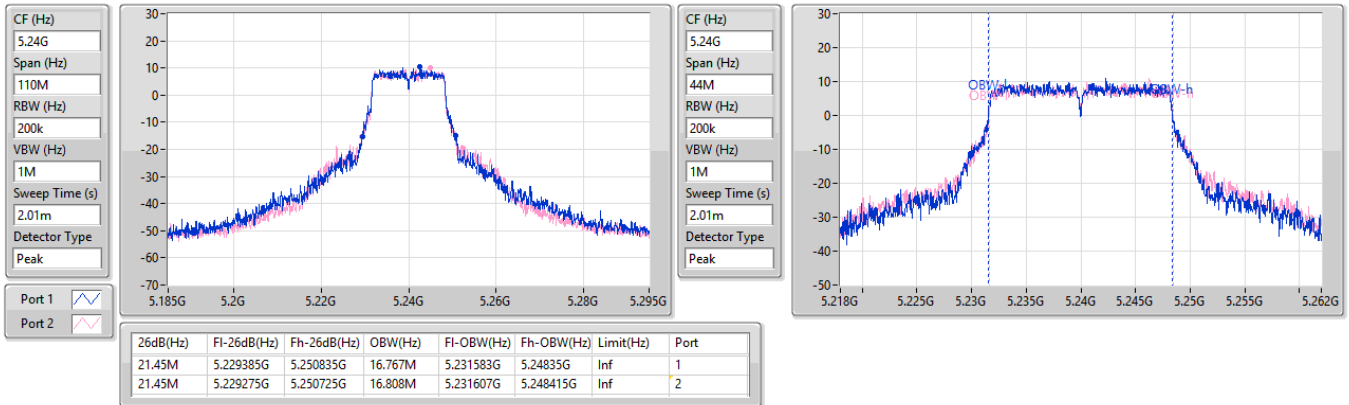

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

06/02/2026

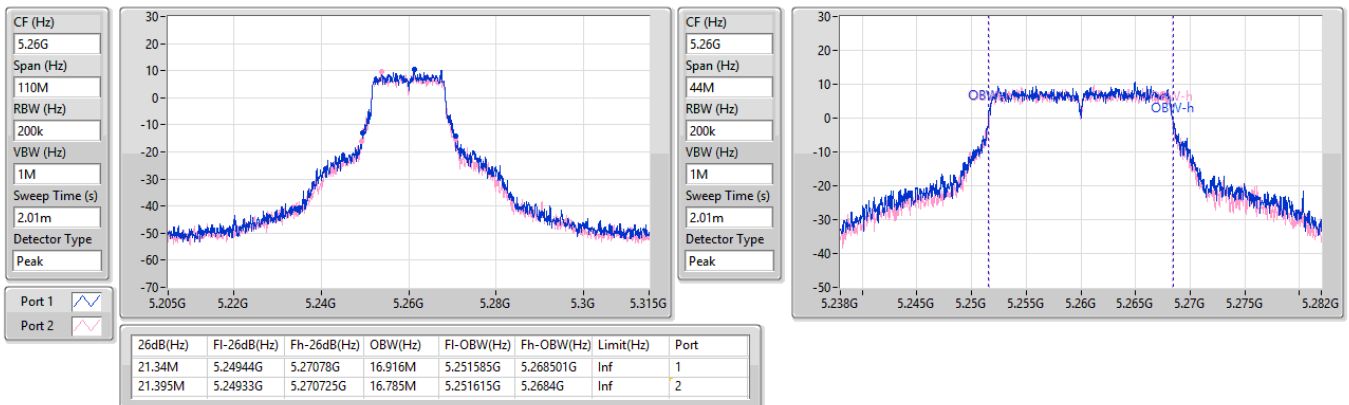


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

06/02/2026

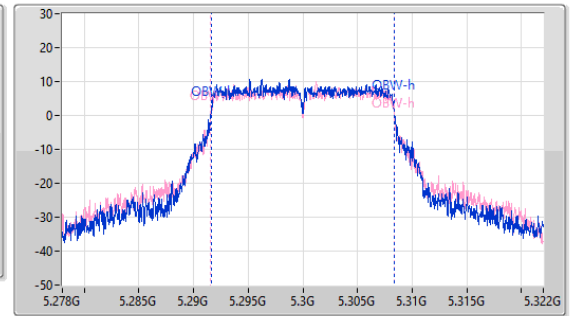
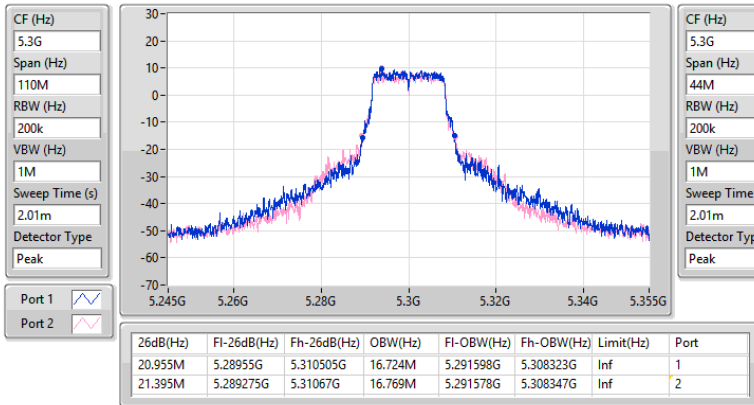

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

06/02/2026

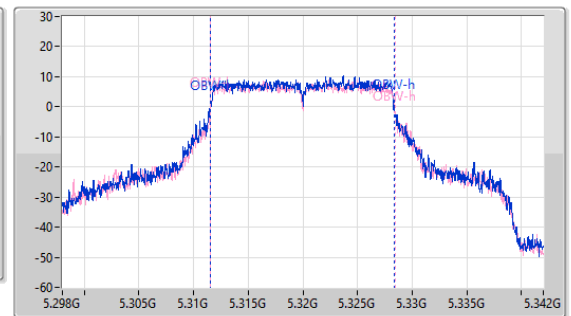
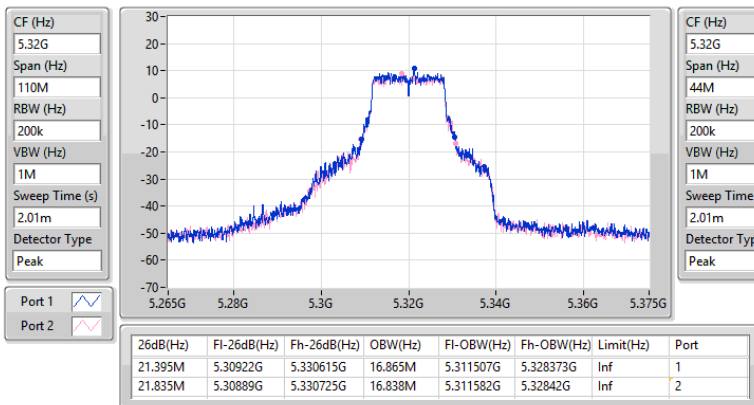


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

06/02/2026

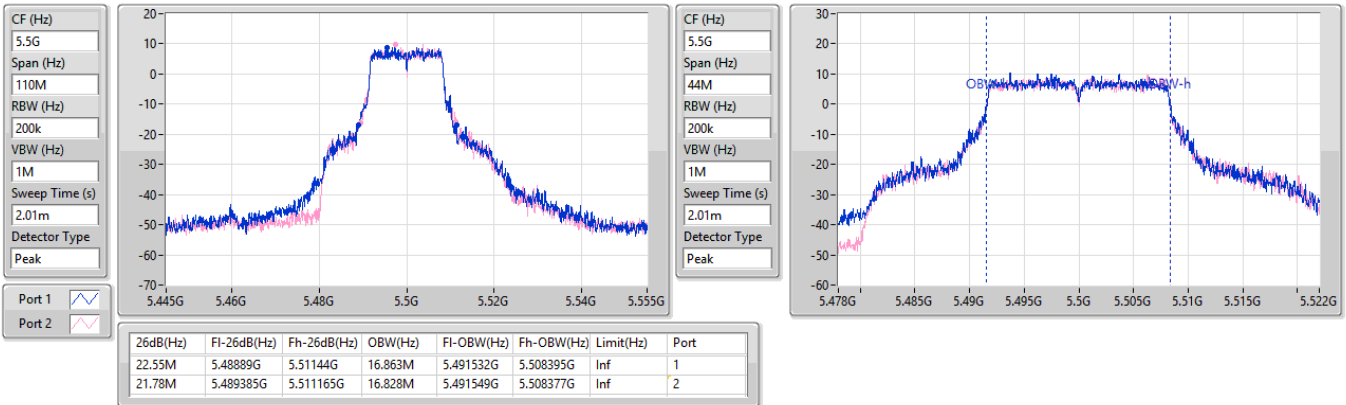

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

06/02/2026

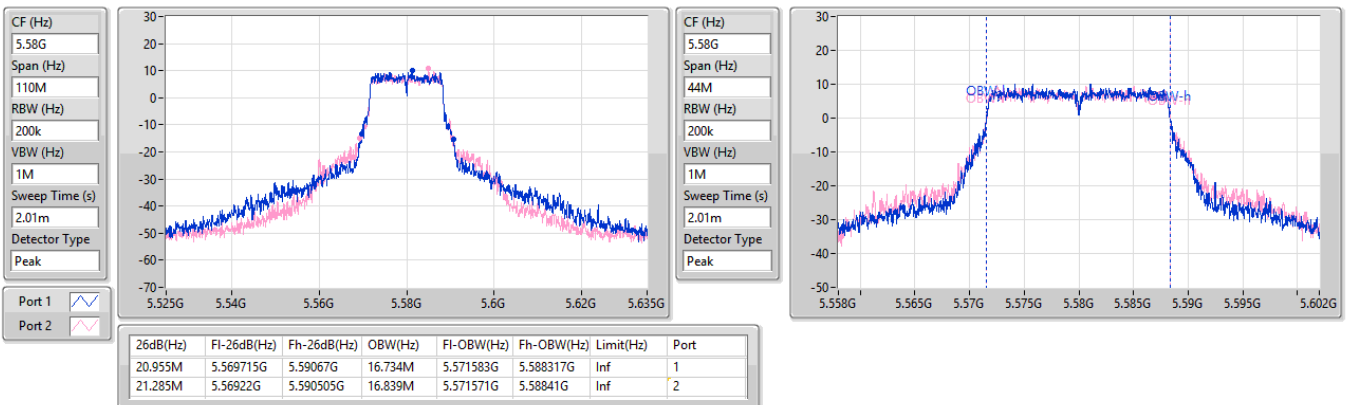


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

06/02/2026

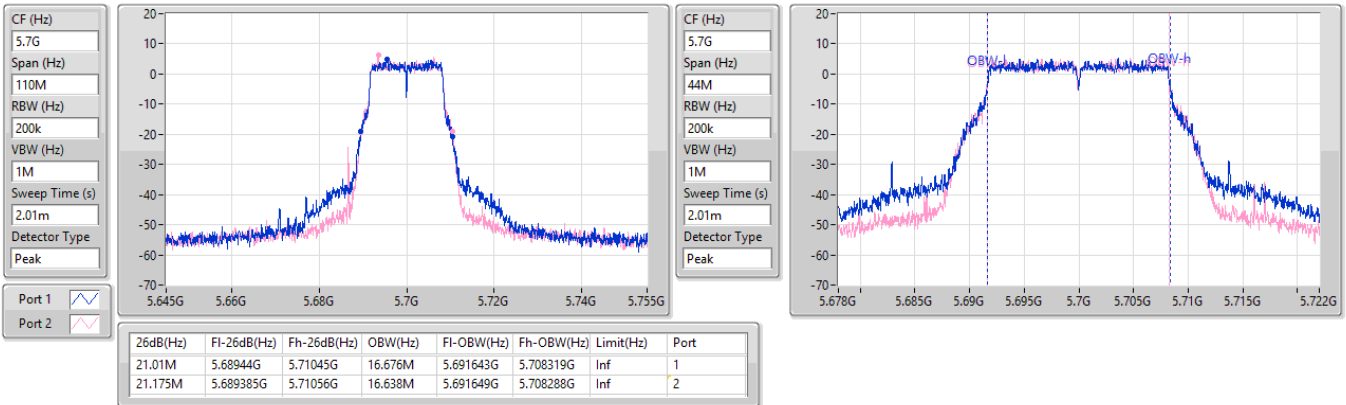

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

06/02/2026

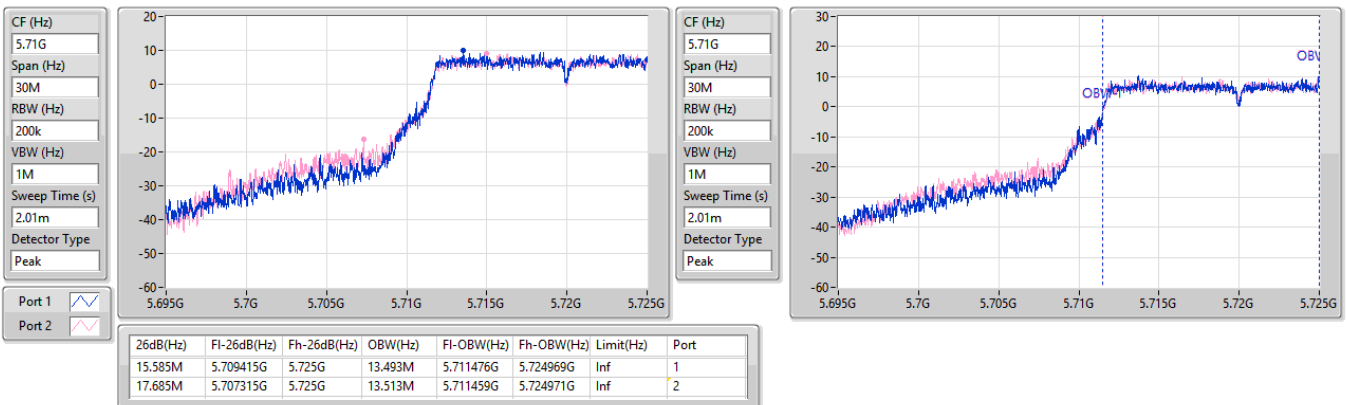


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

26/12/2025

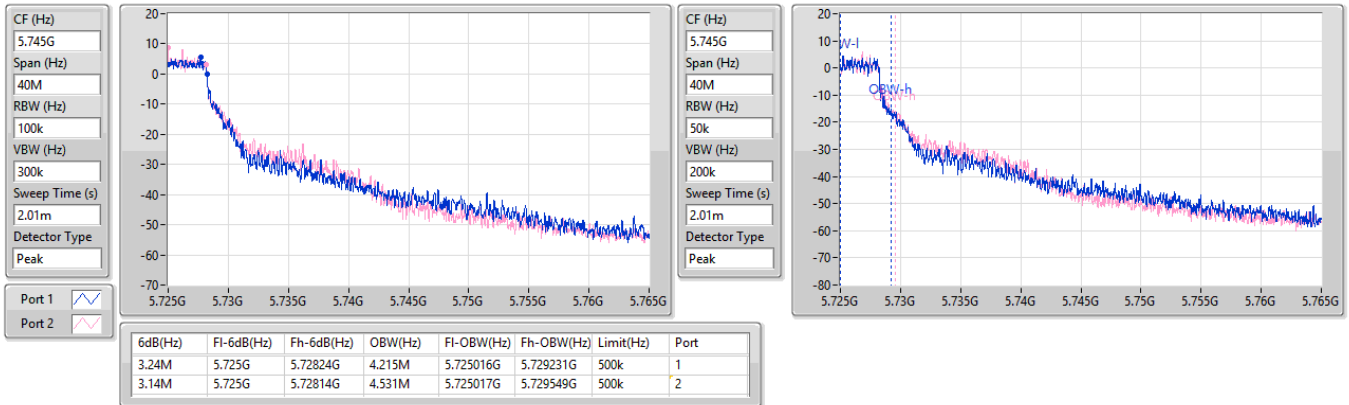

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

06/02/2026

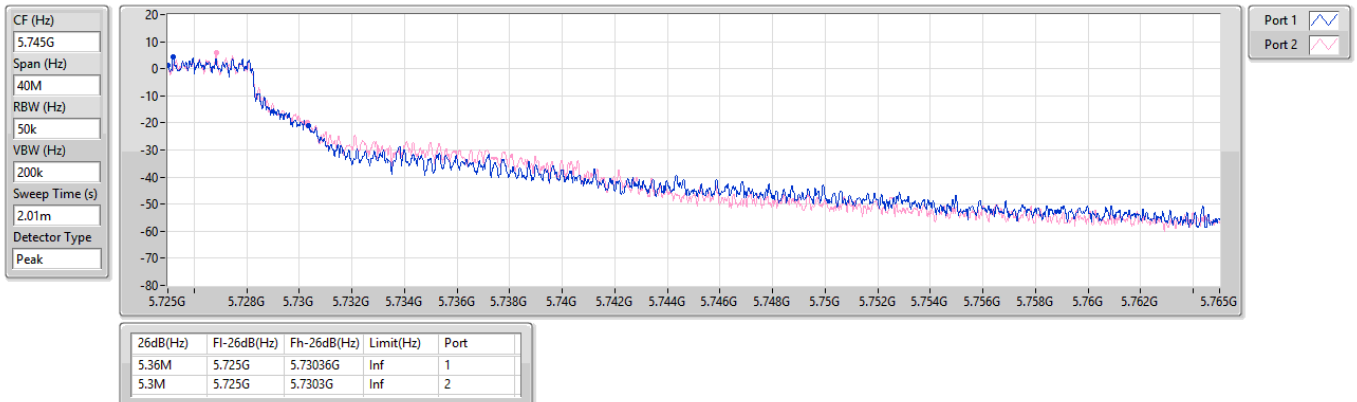


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/02/2026

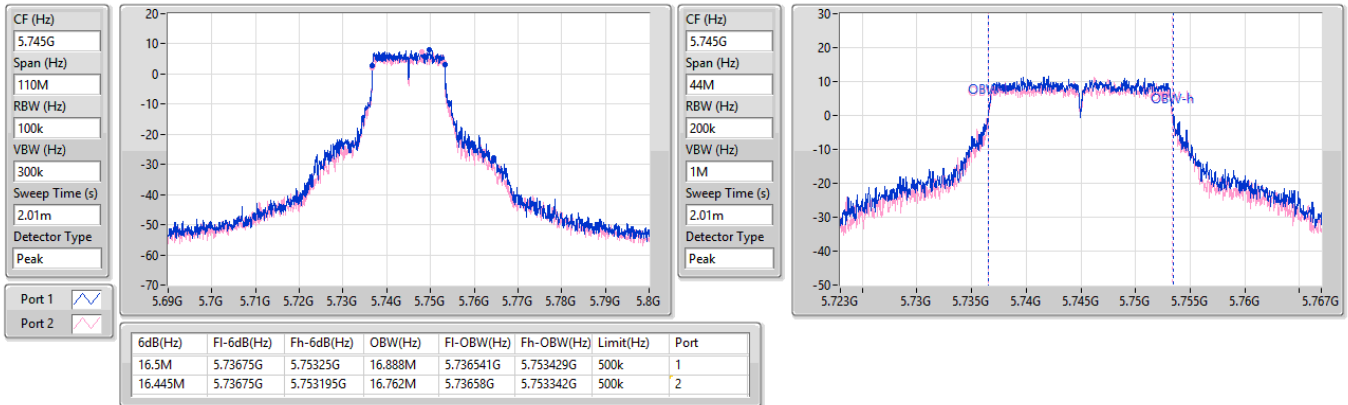

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/02/2026

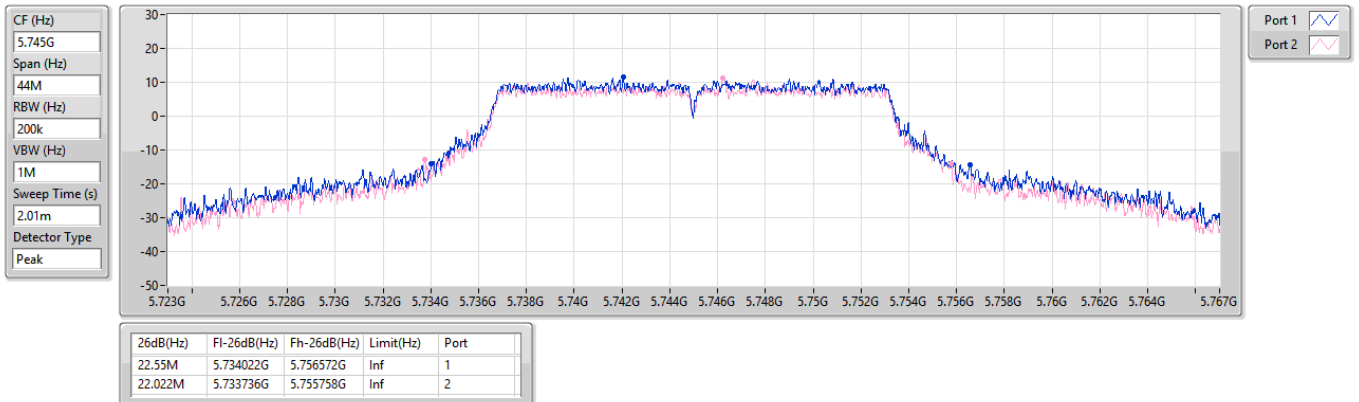


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

06/02/2026

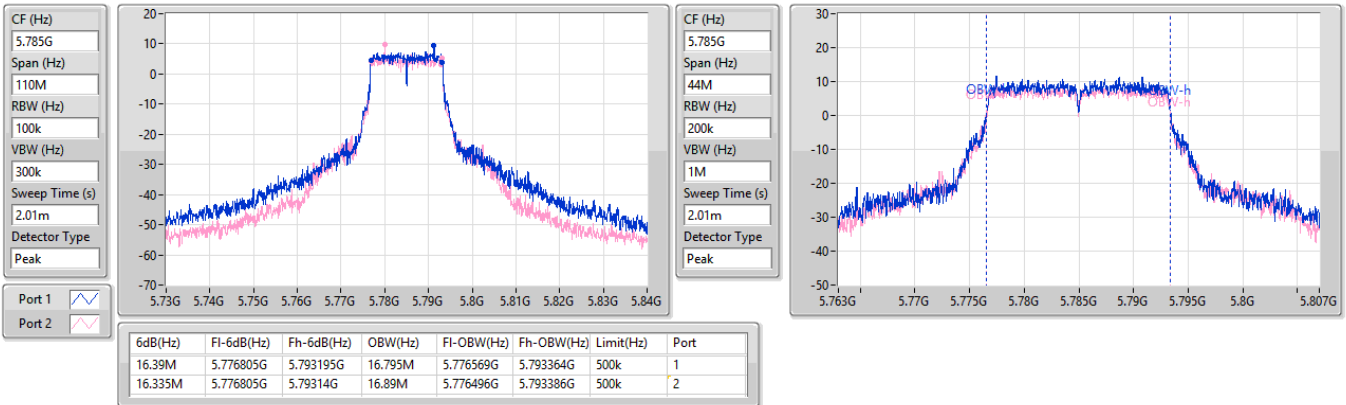

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

06/02/2026

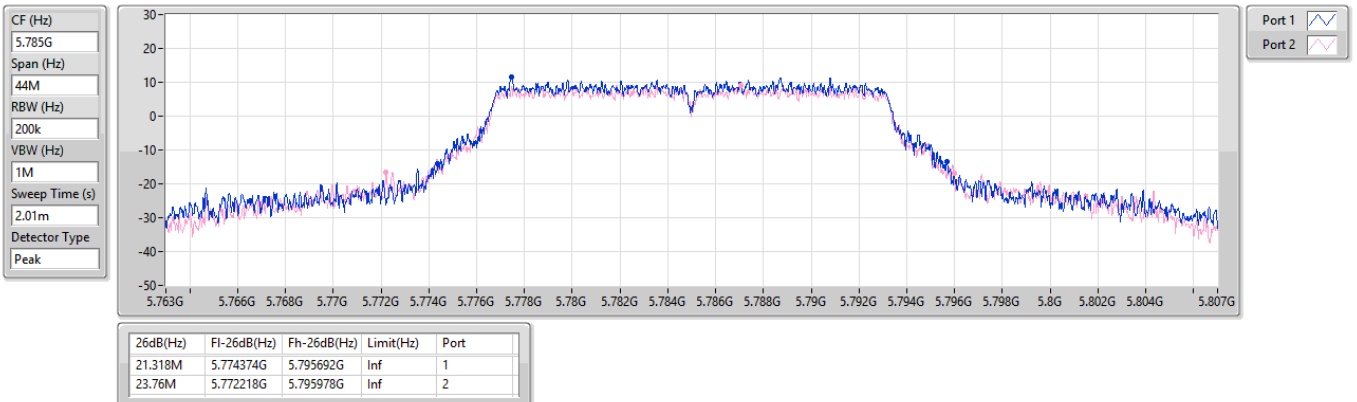


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

06/02/2026

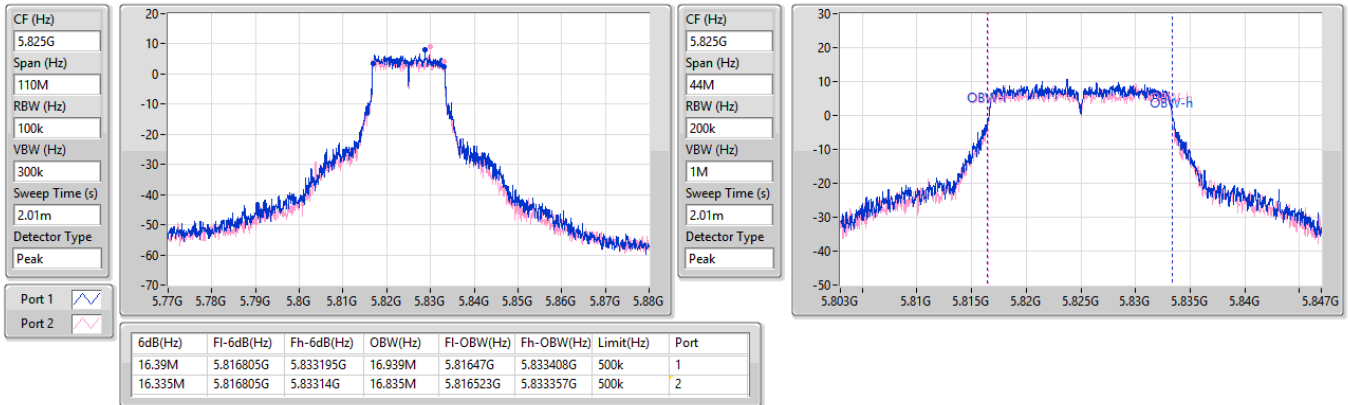

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

06/02/2026

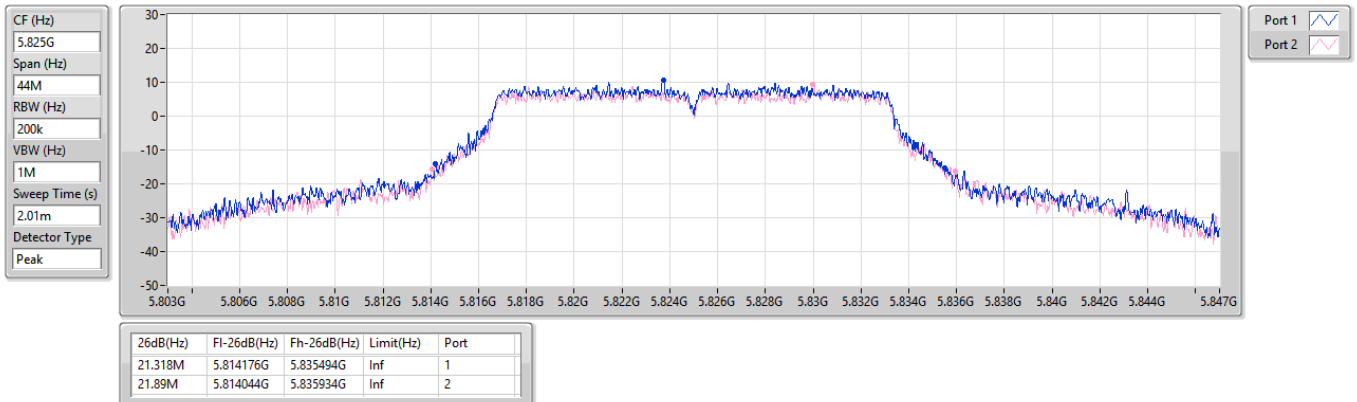


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

06/02/2026

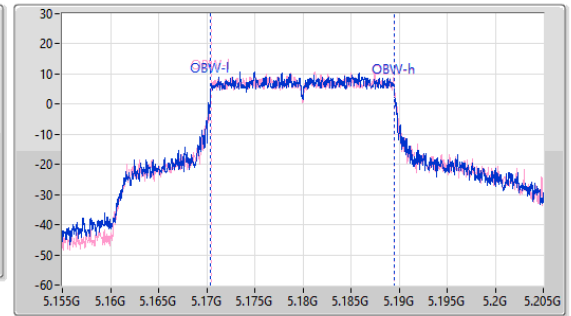
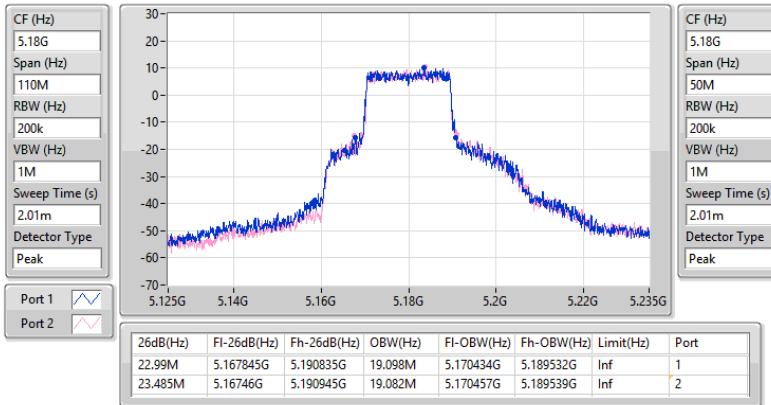

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

06/02/2026

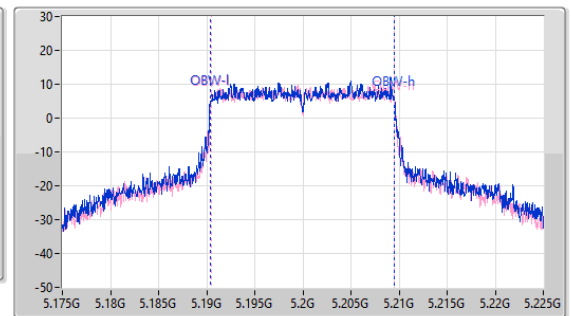
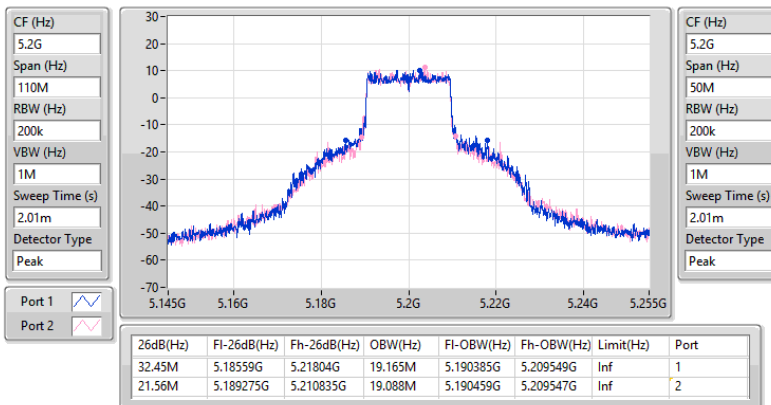


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

06/02/2026

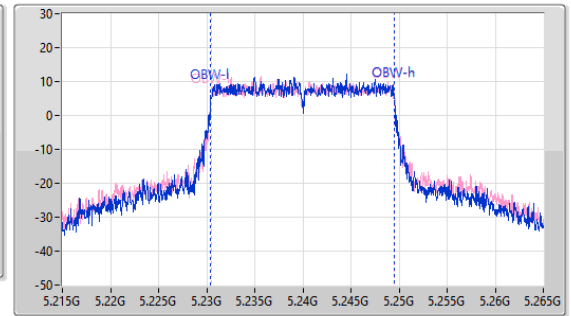
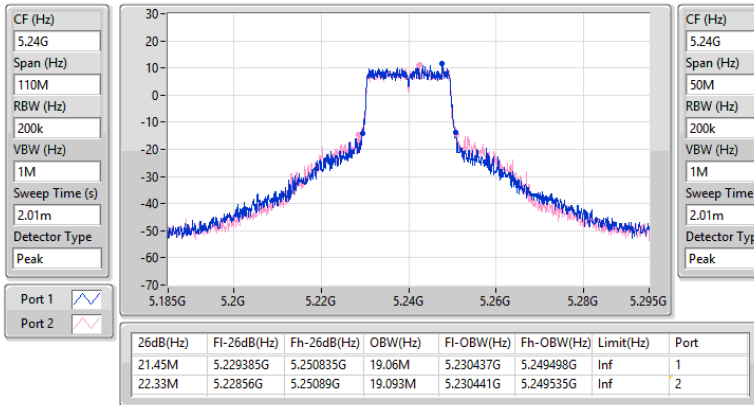

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

06/02/2026

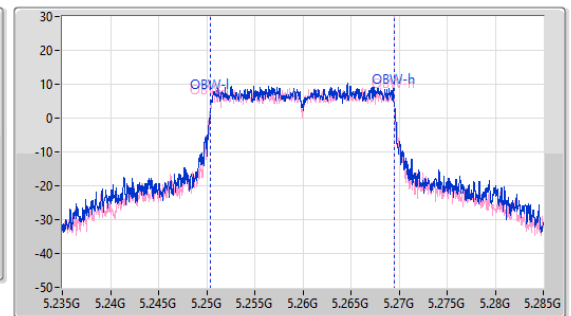
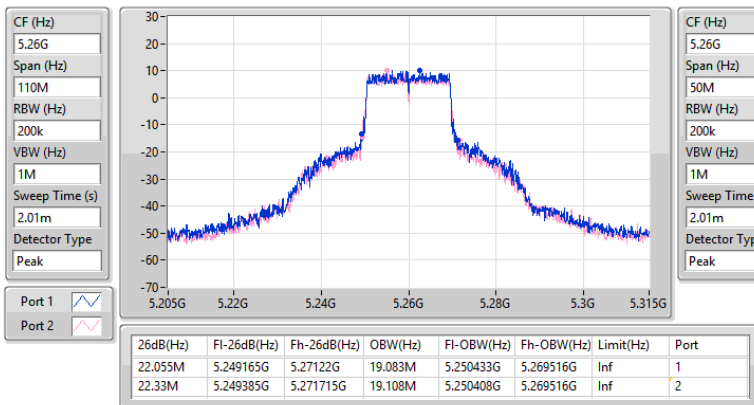


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

06/02/2026

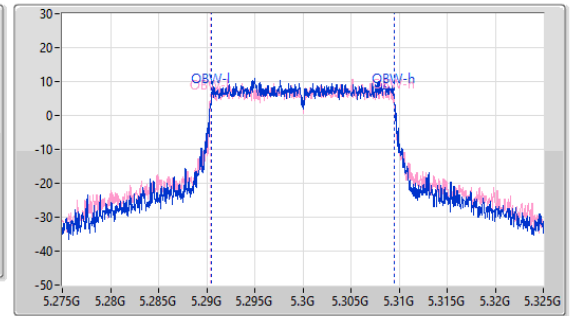
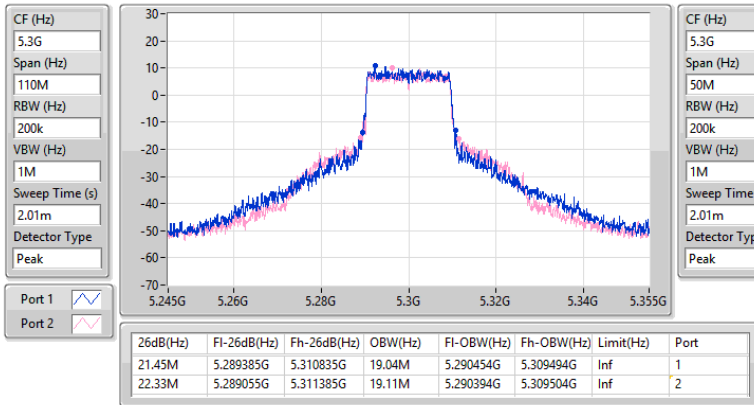

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

06/02/2026

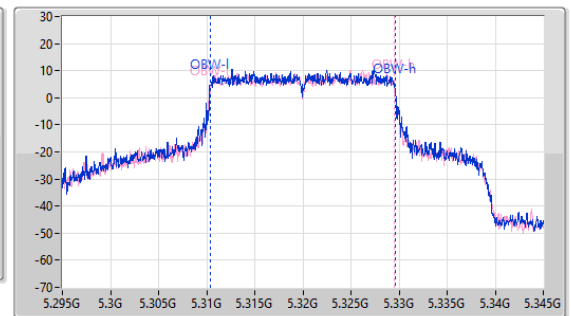
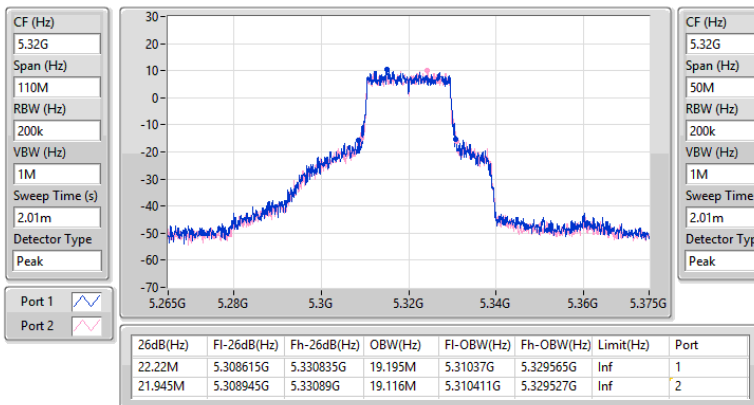


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

06/02/2026

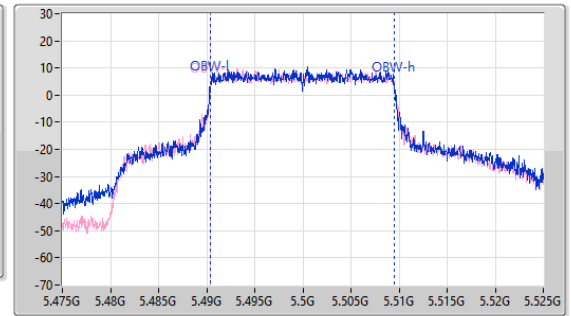
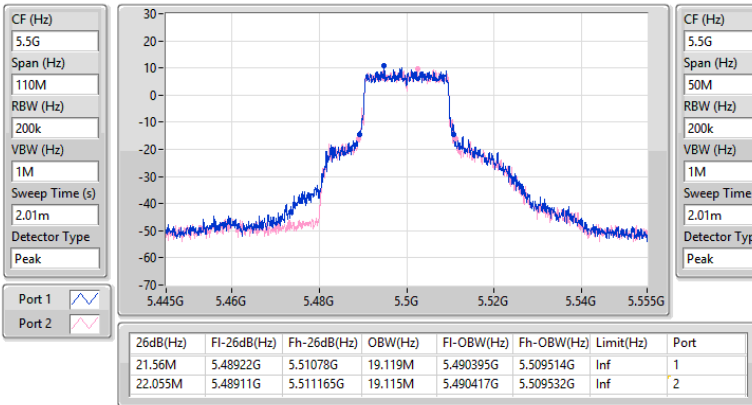

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

06/02/2026

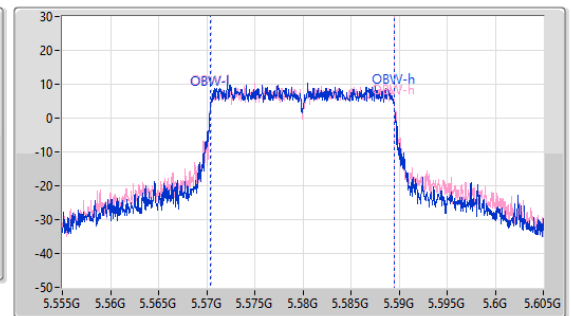
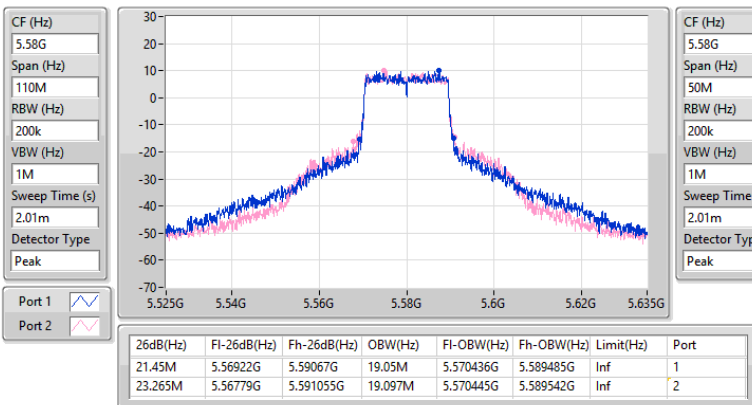


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

06/02/2026

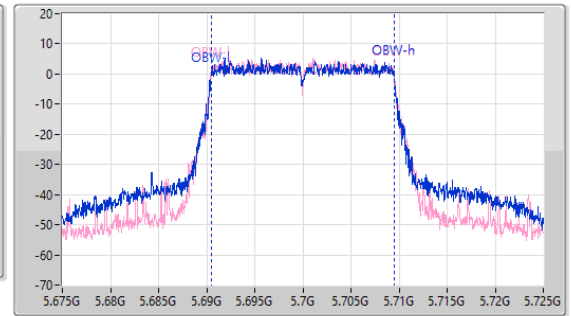
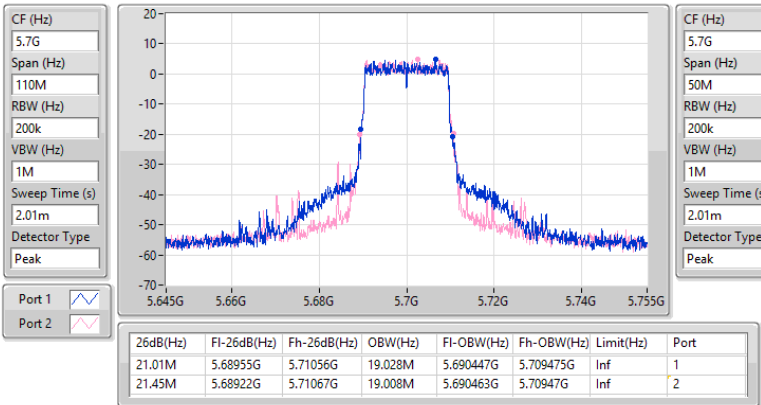

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

06/02/2026

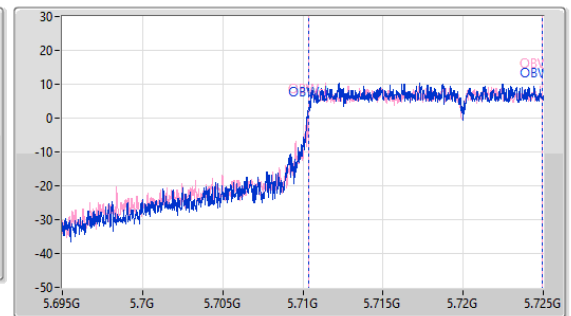
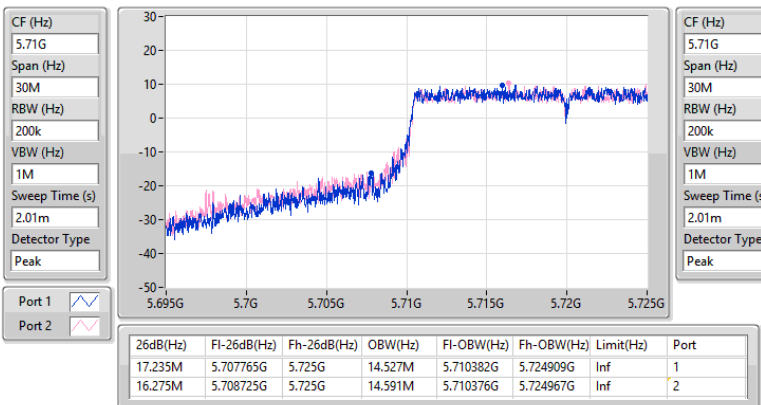


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5700MHz

26/12/2025

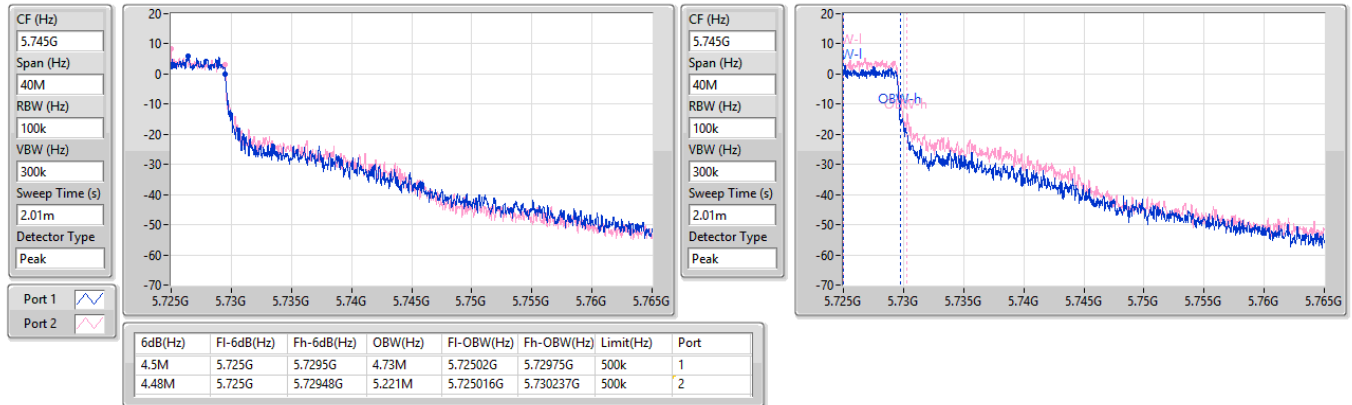

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

07/02/2026

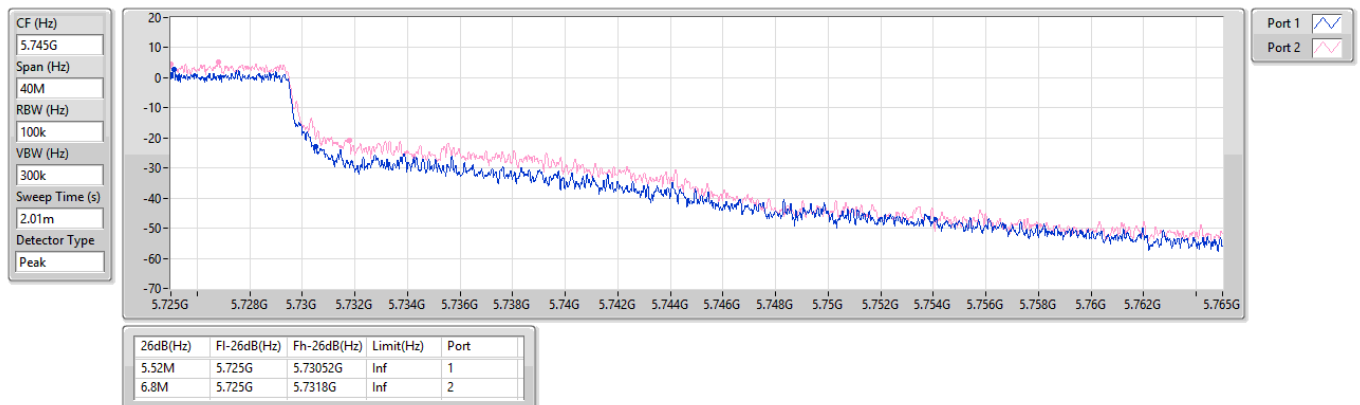


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

07/02/2026

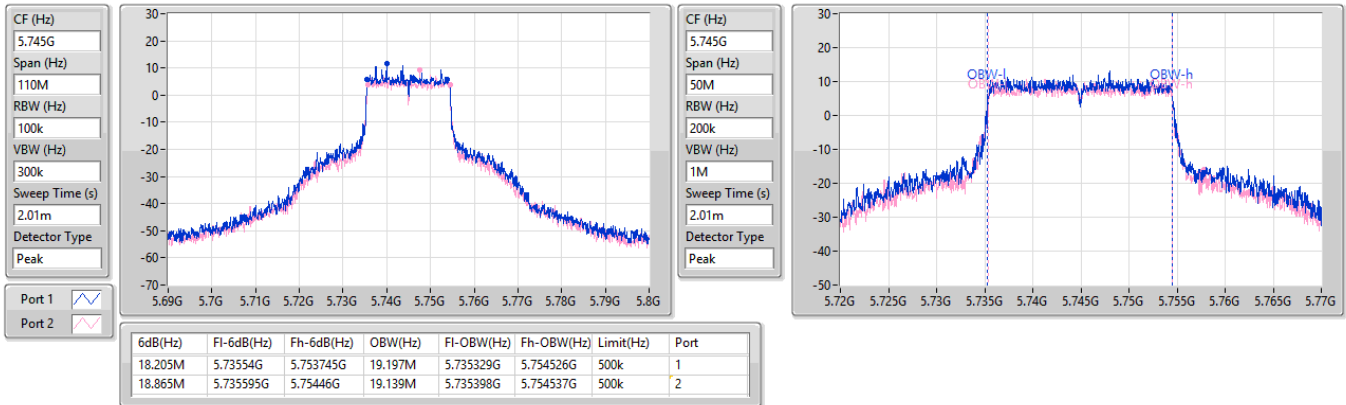

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

07/02/2026

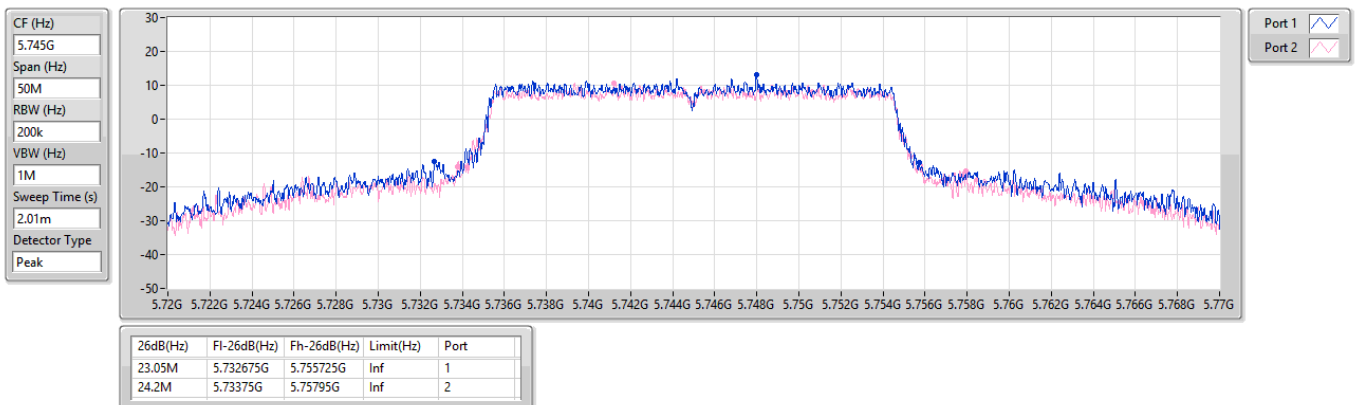


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

07/02/2026

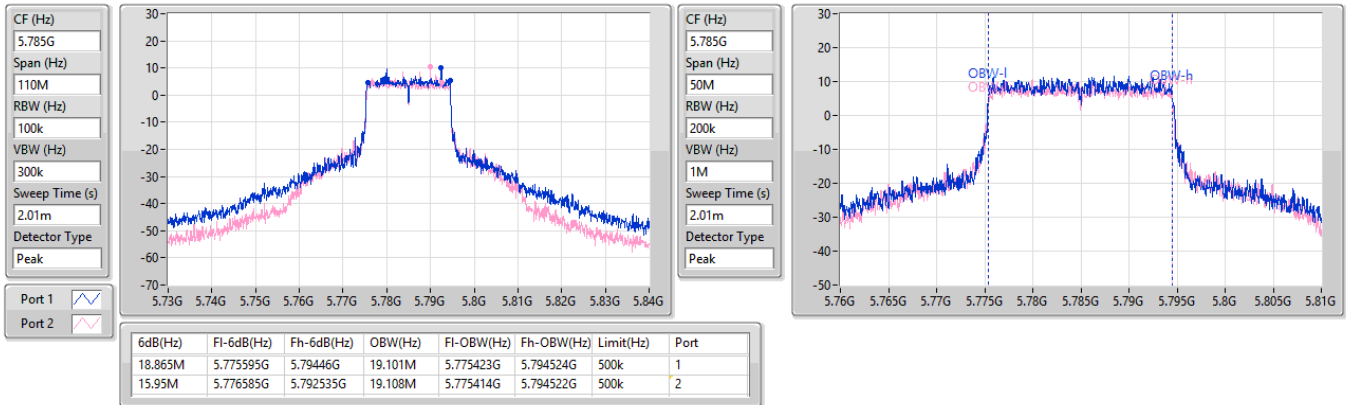

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

07/02/2026

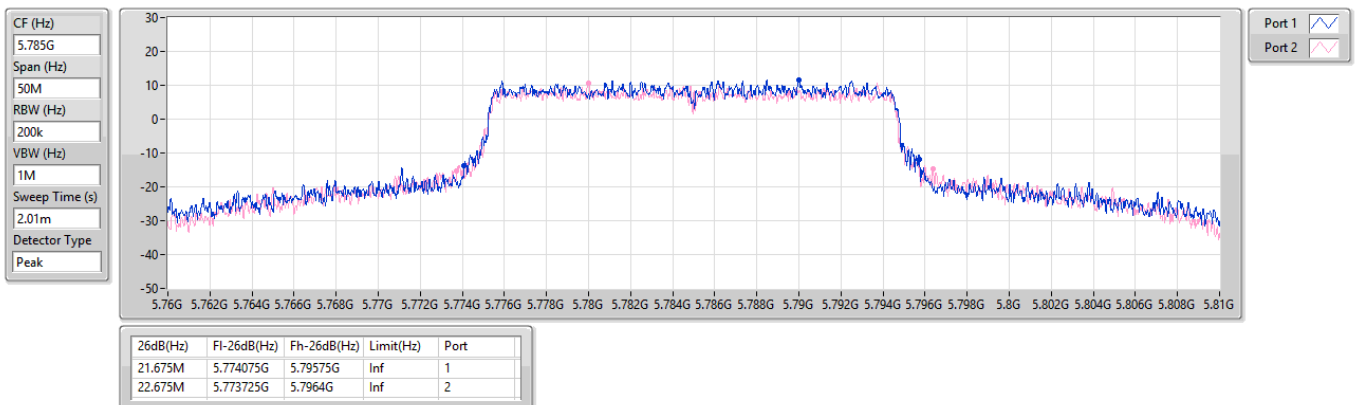


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

07/02/2026

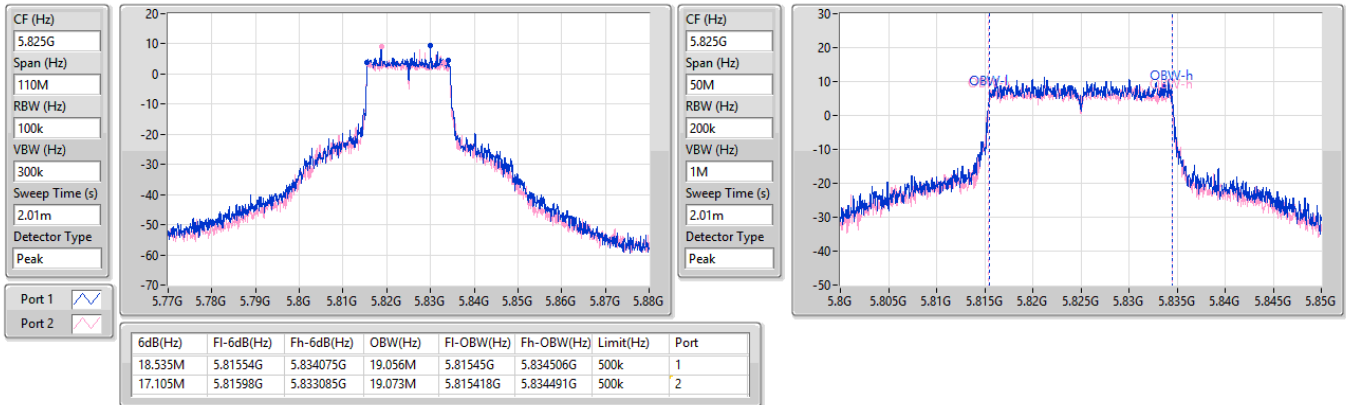

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

07/02/2026

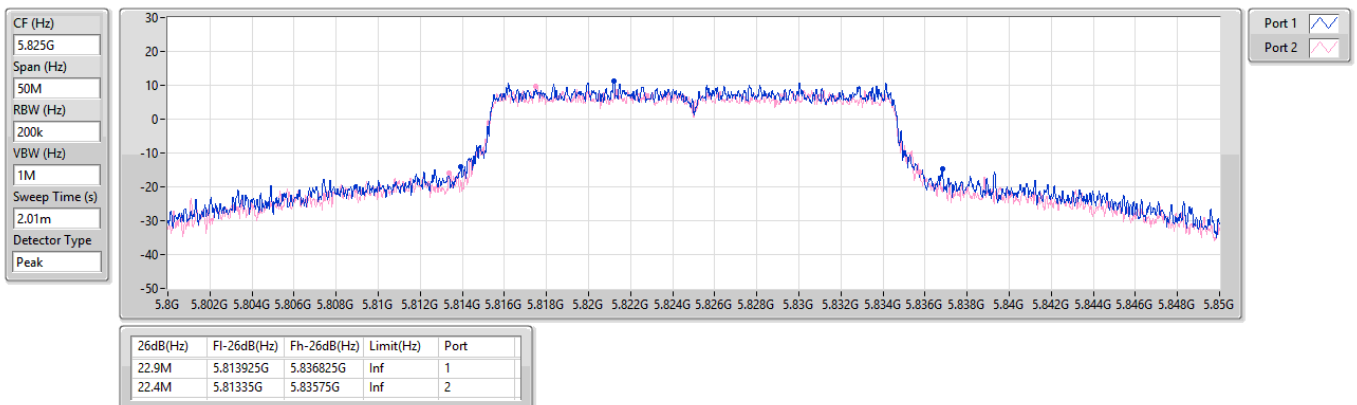


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

07/02/2026

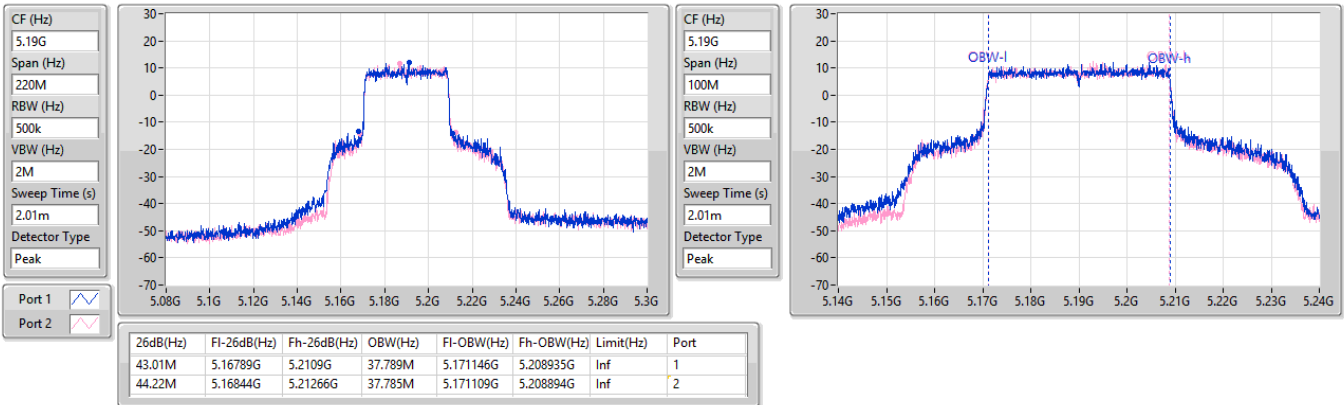

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

07/02/2026

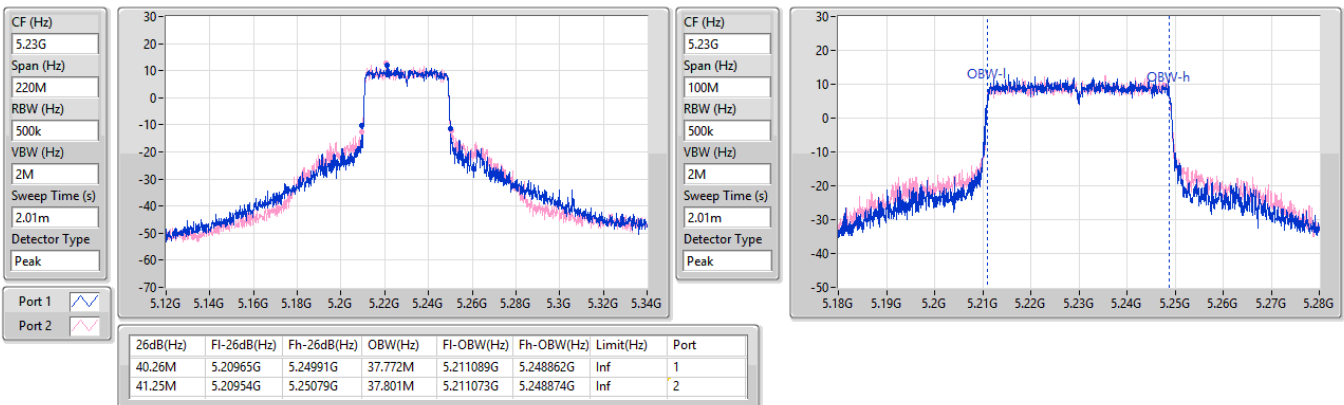


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

07/02/2026

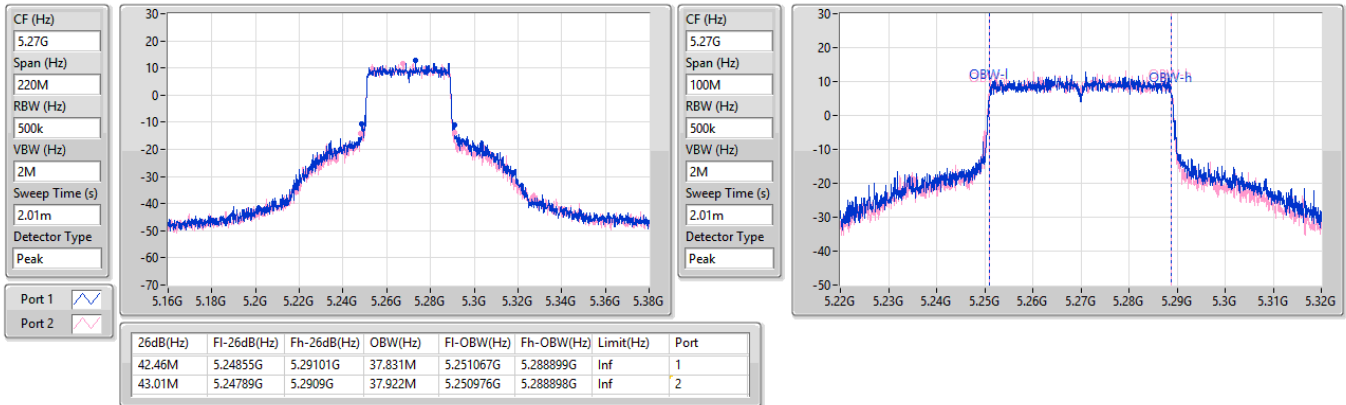

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

07/02/2026

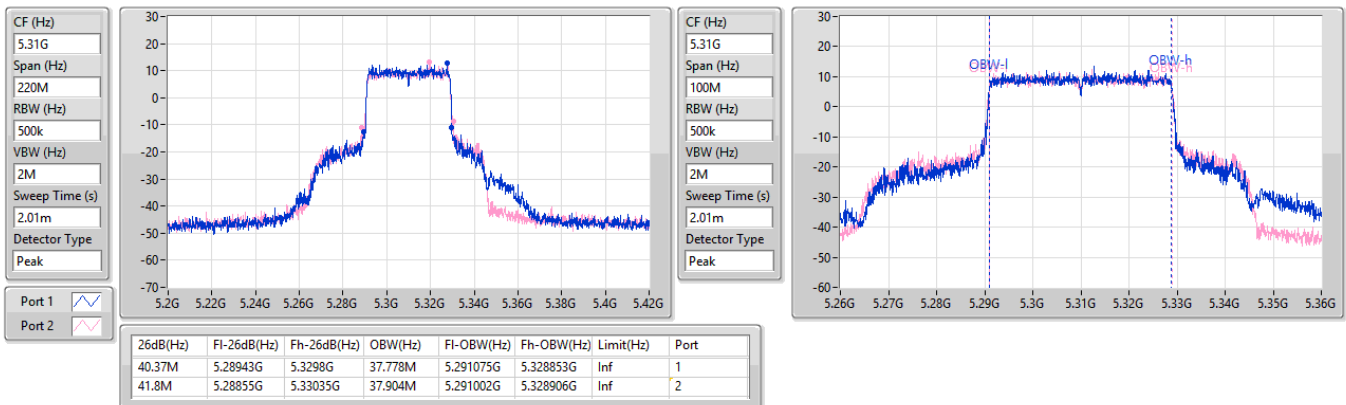


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

07/02/2026

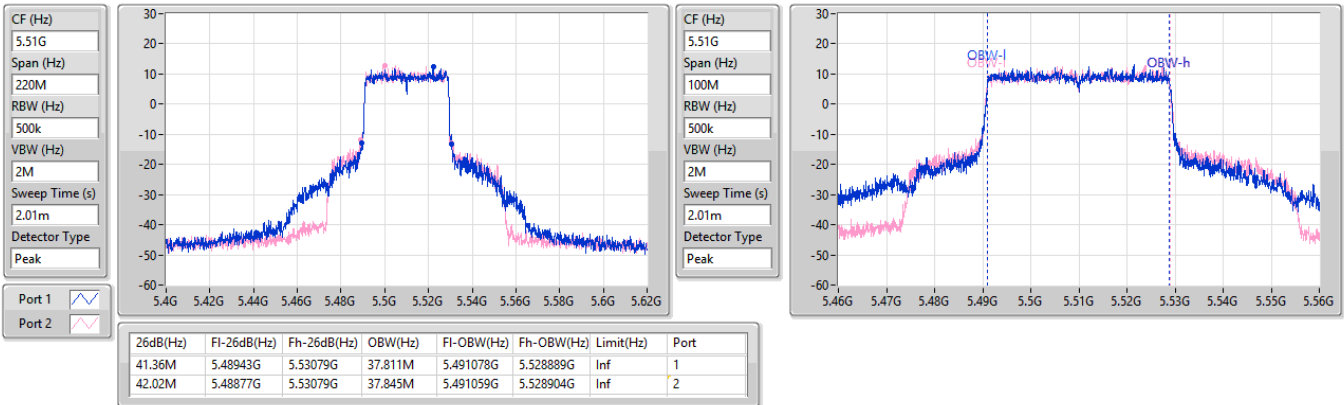

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

07/02/2026

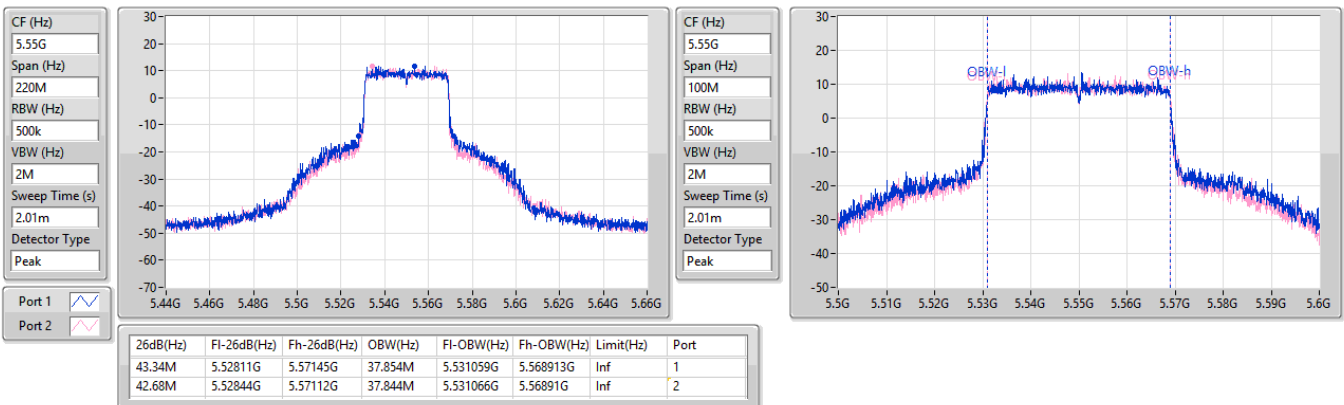


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

07/02/2026

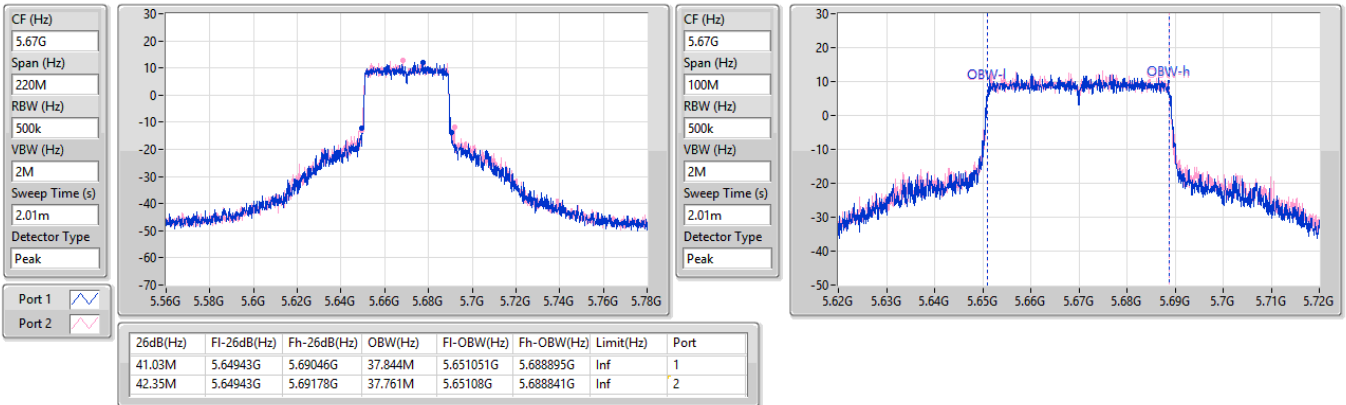

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

07/02/2026

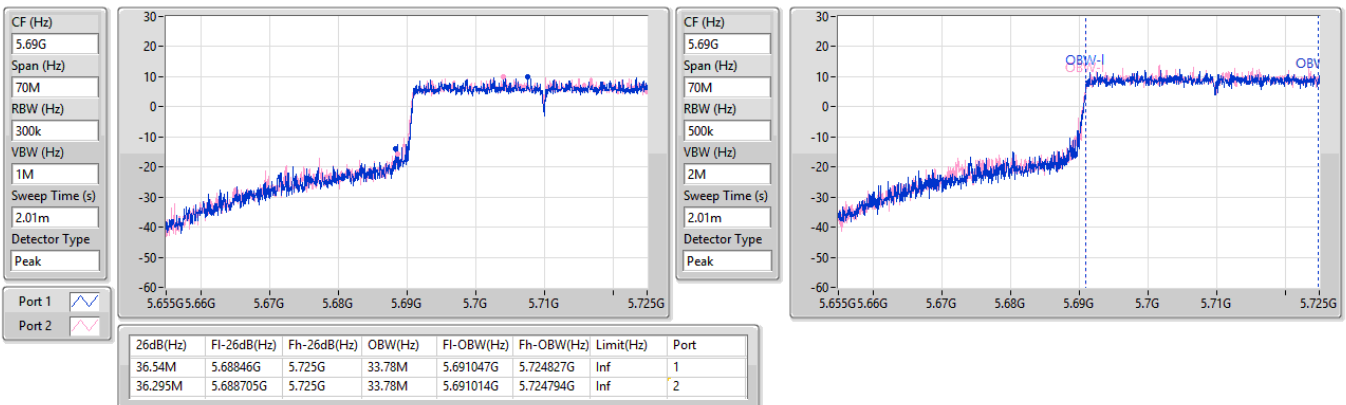


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

07/02/2026

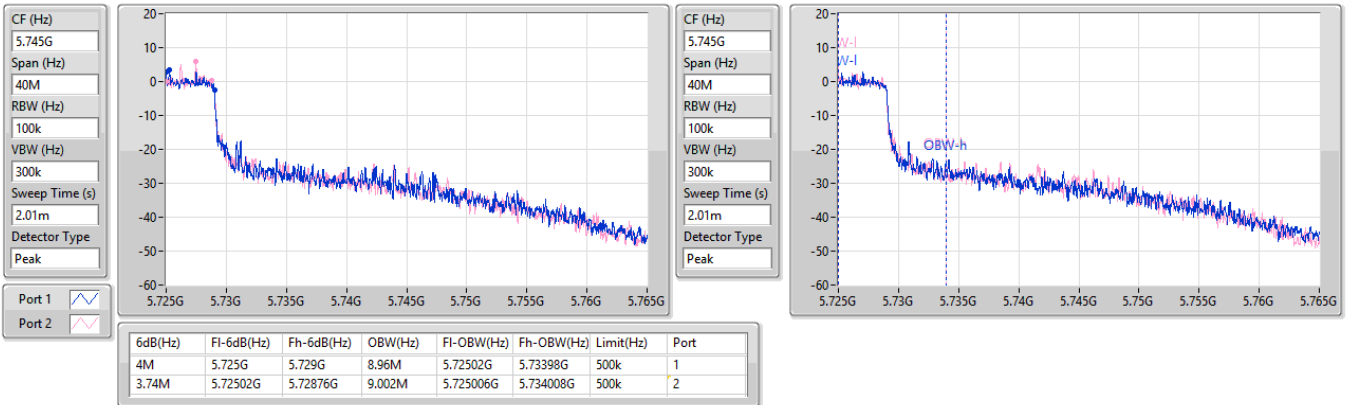

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

07/02/2026

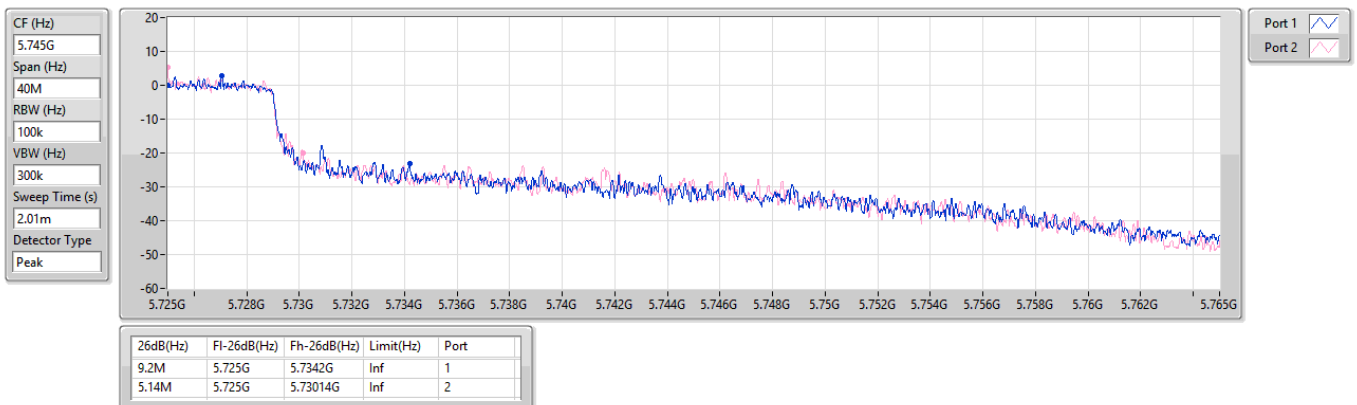


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

07/02/2026

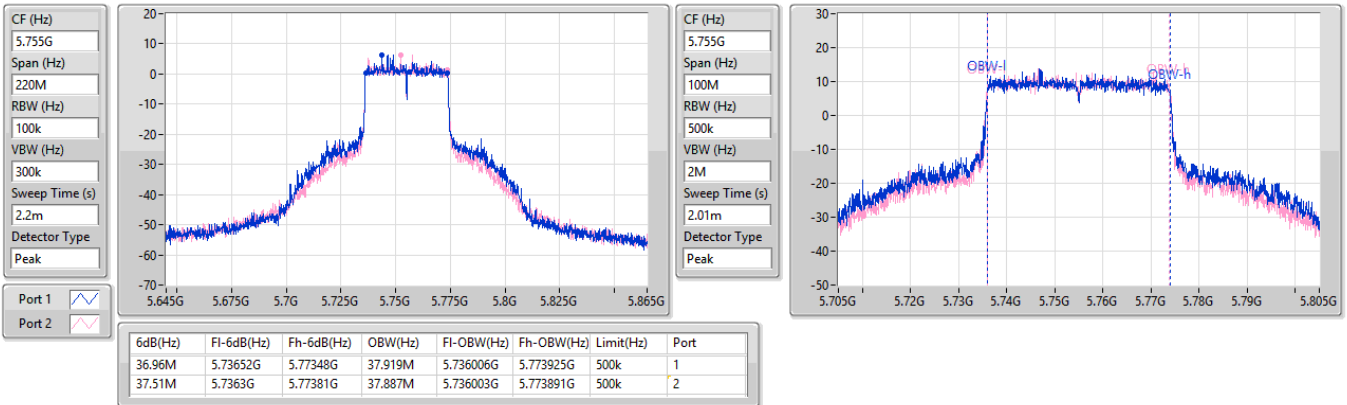

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

07/02/2026

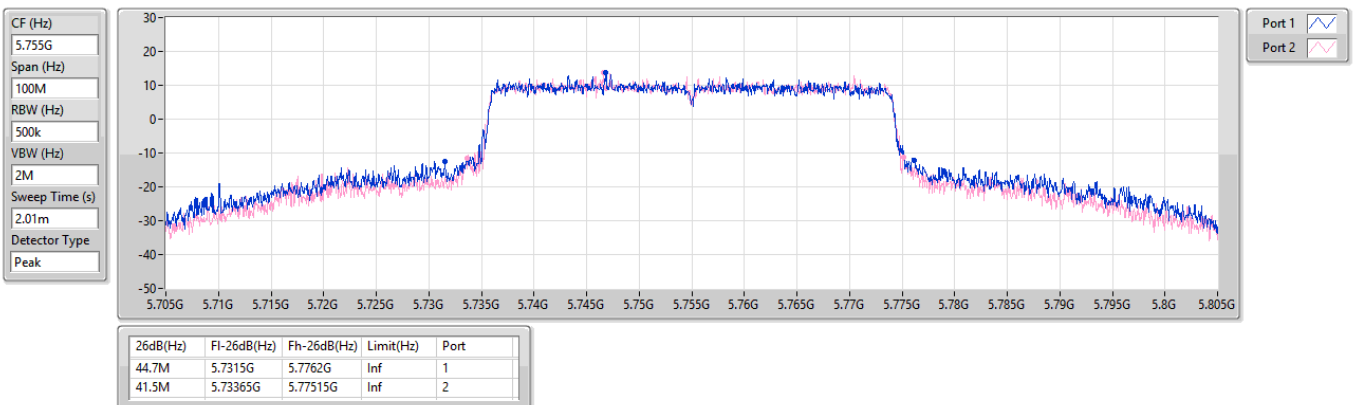


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

07/02/2026

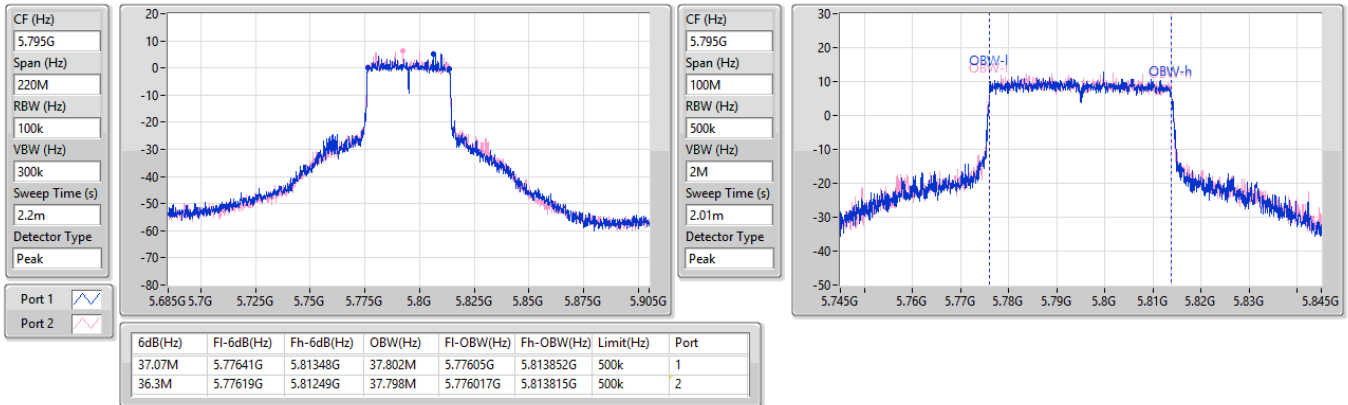

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

07/02/2026

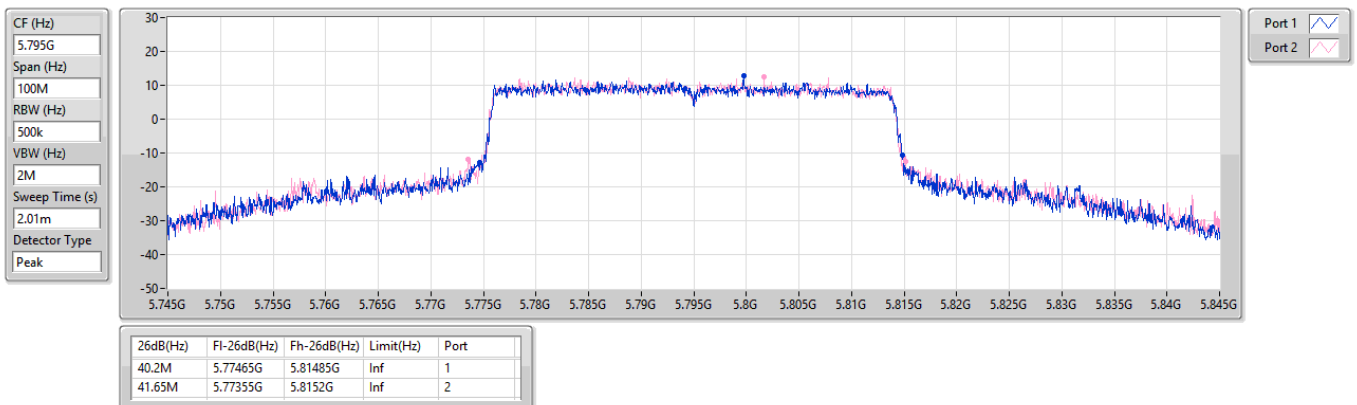


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

07/02/2026

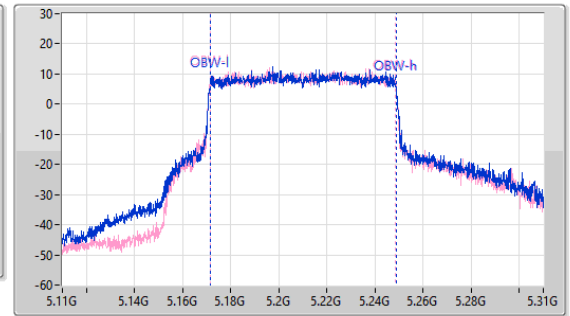
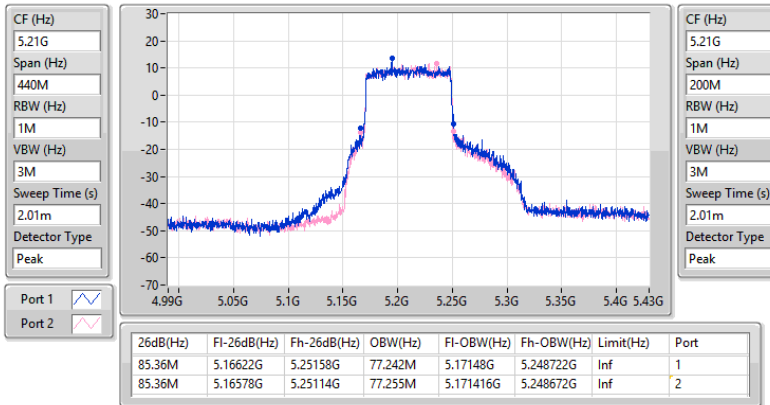

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

07/02/2026

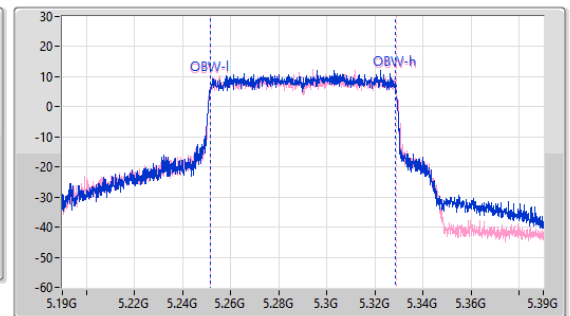
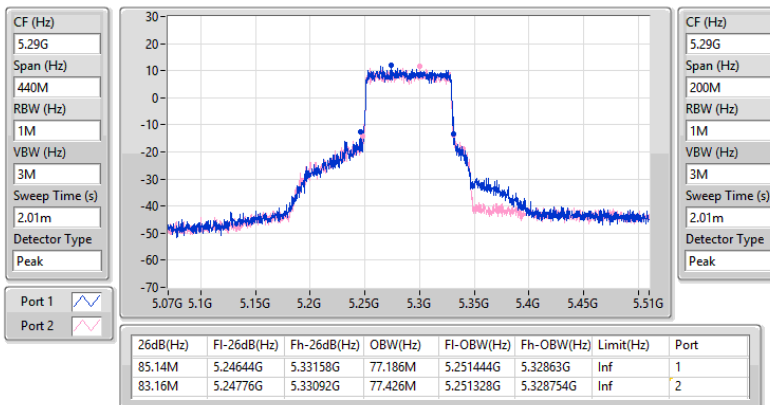


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

07/02/2026

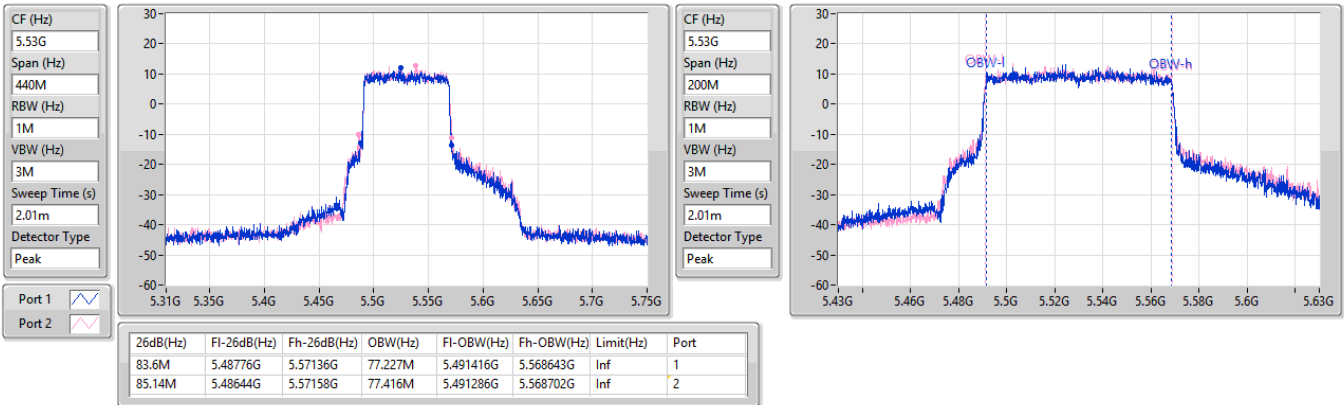

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

07/02/2026

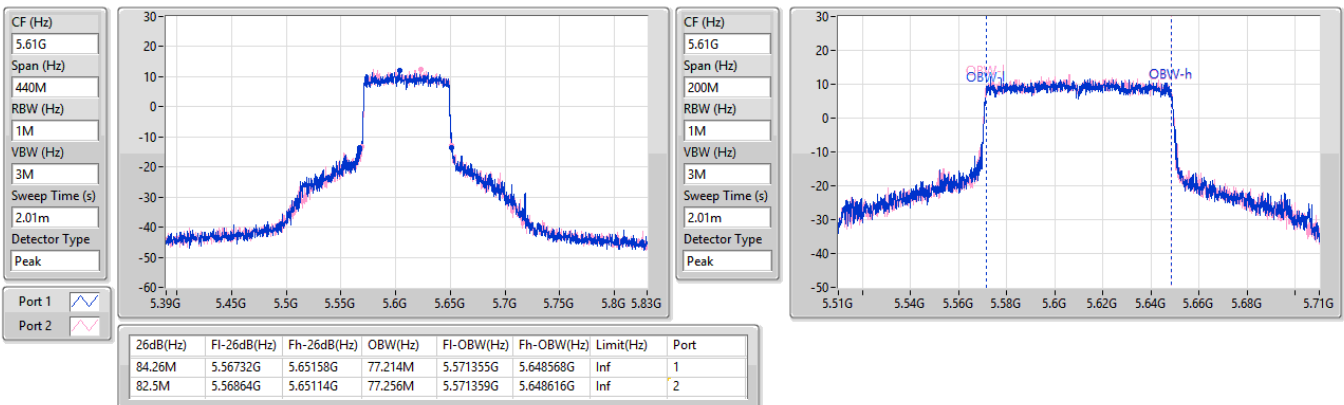


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

07/02/2026

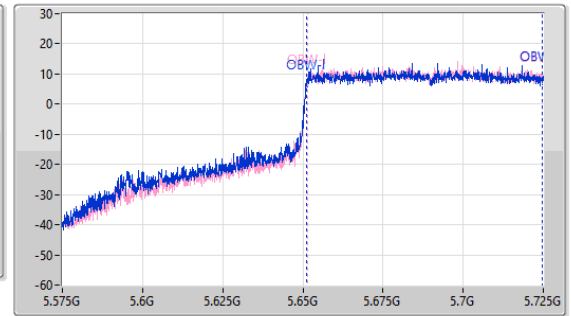
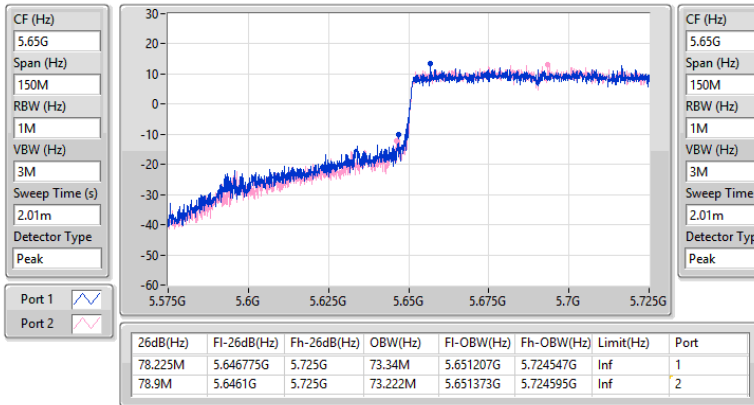

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

07/02/2026

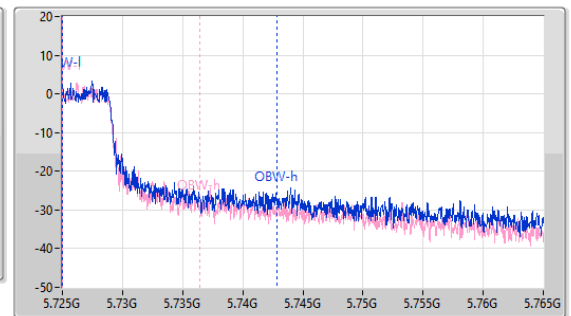
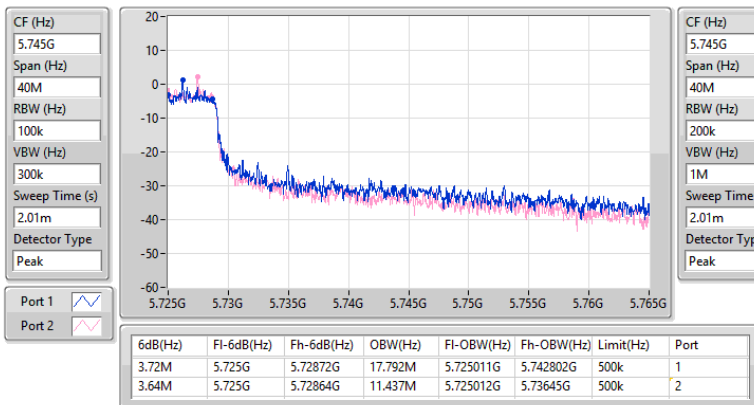


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

07/02/2026

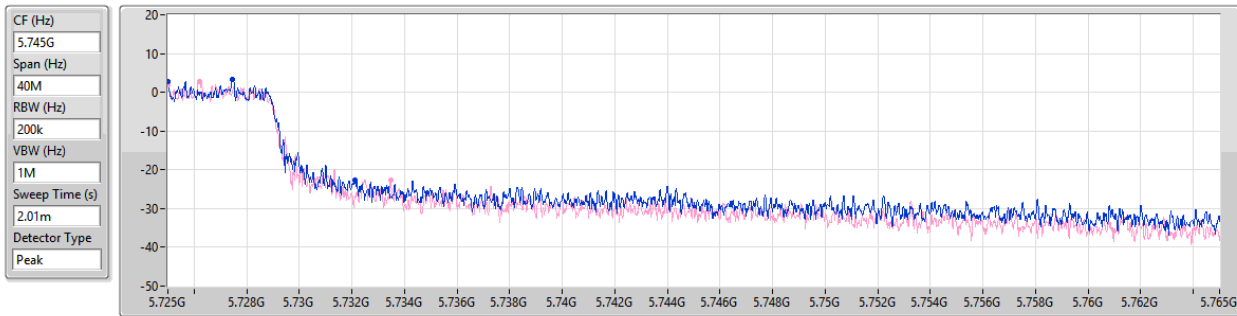

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

07/02/2026



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

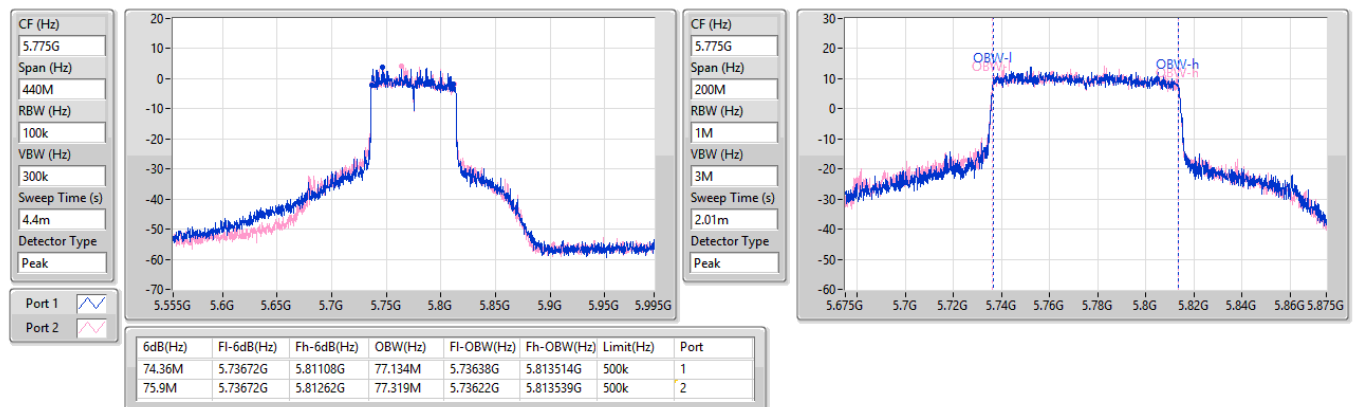
07/02/2026



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.12M	5.725G	5.73212G	Inf	1
8.48M	5.725G	5.73348G	Inf	2

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

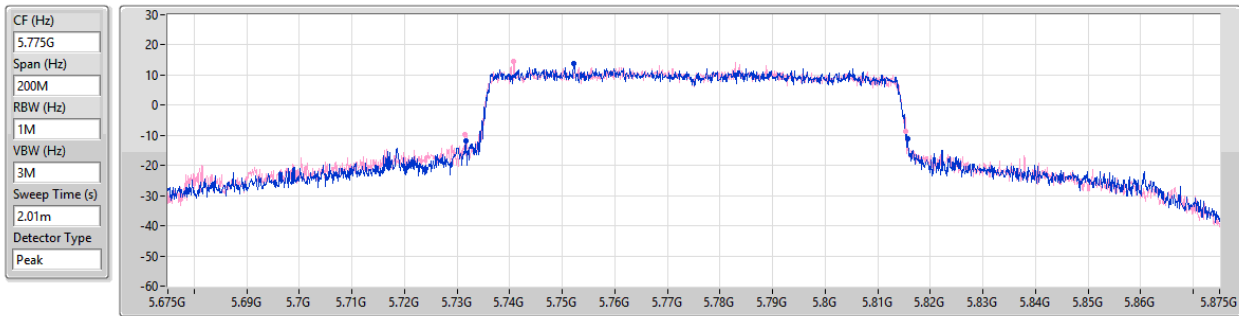
07/02/2026



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.36M	5.73672G	5.81108G	77.134M	5.73638G	5.813514G	500k	1
75.9M	5.73672G	5.81262G	77.319M	5.73622G	5.813539G	500k	2

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

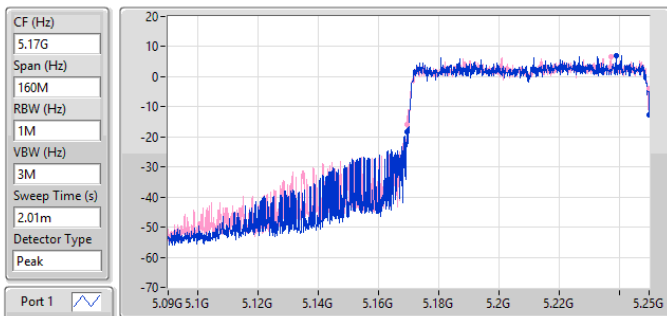
07/02/2026



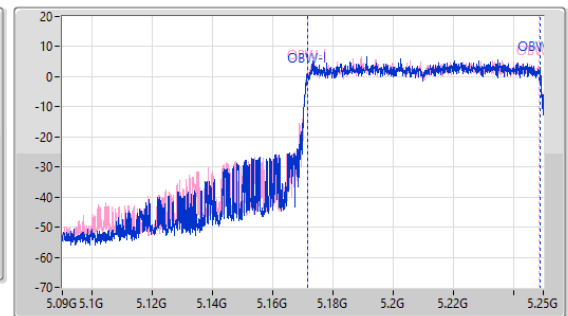
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
84.2M	5.7316G	5.8158G	Inf	1
83.9M	5.7315G	5.8154G	Inf	2

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

26/12/2025

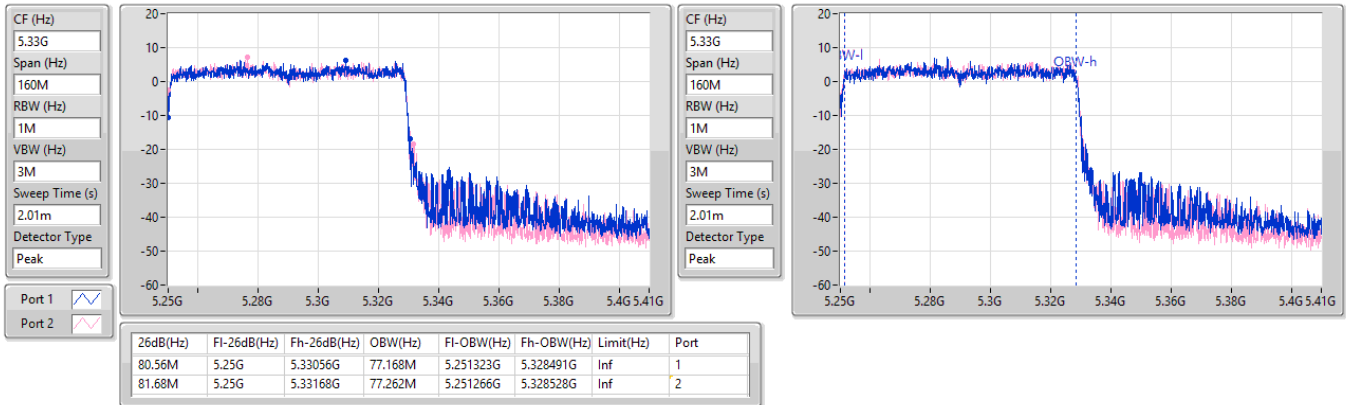


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.64M	5.16936G	5.25G	77.271M	5.171534G	5.248804G	Inf	1
80.56M	5.16944G	5.25G	77.217M	5.171451G	5.248668G	Inf	2

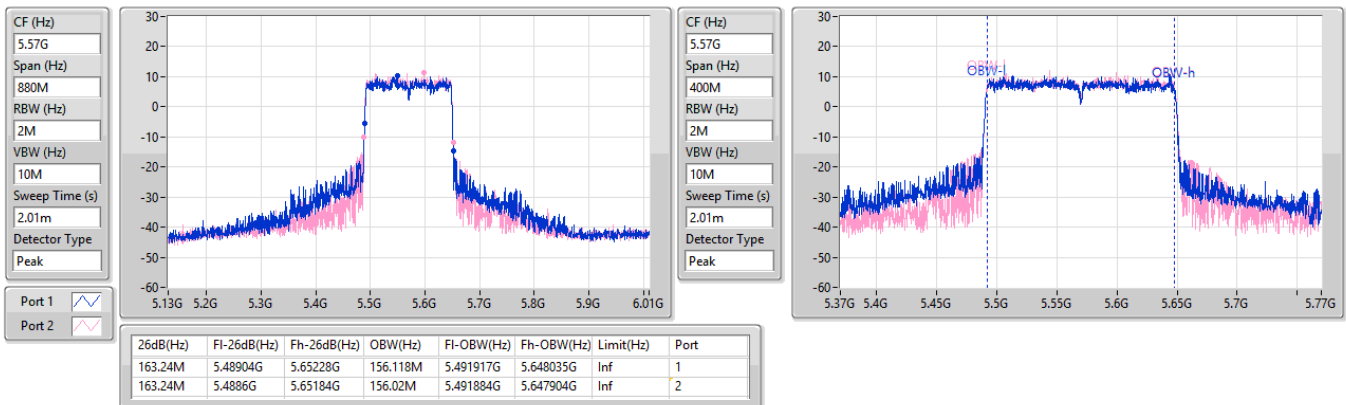


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

26/12/2025


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5570MHz

07/02/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.815M	16.793M	16M8D1D	20.625M	16.597M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	33.66M	16.949M	16M9D1D	21.065M	16.609M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	26.895M	16.854M	16M9D1D	15.66M	13.361M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.28M	16.713M	16M7D1D	3.14M	4.388M

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

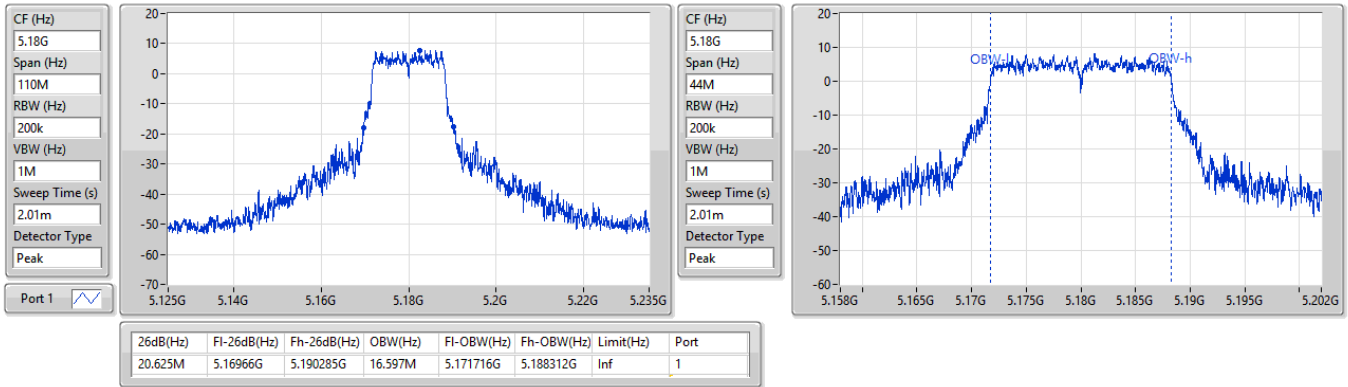
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.625M	16.597M
5200MHz	Pass	Inf	22.55M	16.793M
5240MHz	Pass	Inf	23.815M	16.77M
5260MHz	Pass	Inf	33.66M	16.949M
5300MHz	Pass	Inf	28.49M	16.916M
5320MHz	Pass	Inf	21.065M	16.609M
5500MHz	Pass	Inf	20.845M	16.648M
5580MHz	Pass	Inf	26.895M	16.854M
5700MHz	Pass	Inf	20.955M	16.562M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.66M	13.361M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.388M
5745MHz	Pass	500k	16.005M	16.713M
5785MHz	Pass	500k	16.28M	16.667M
5825MHz	Pass	500k	16.28M	16.641M

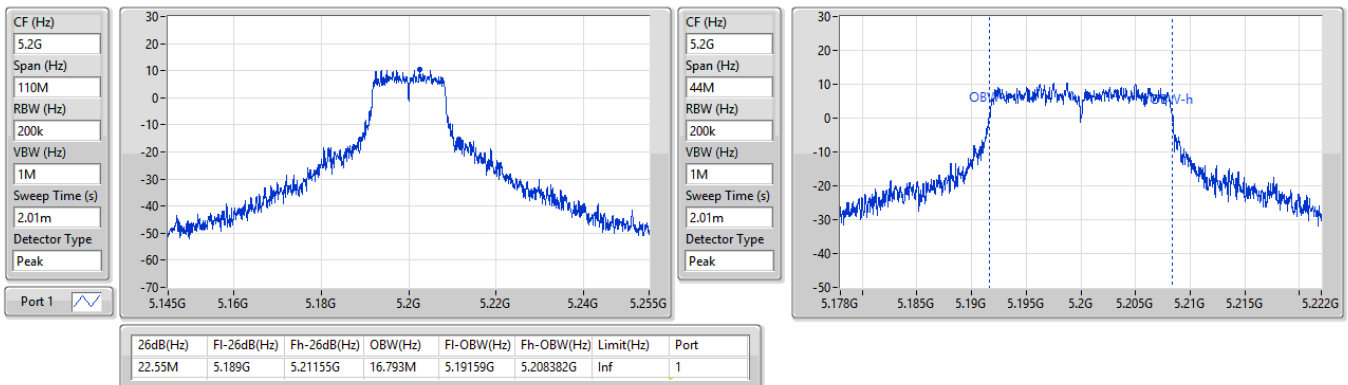
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

06/02/2026

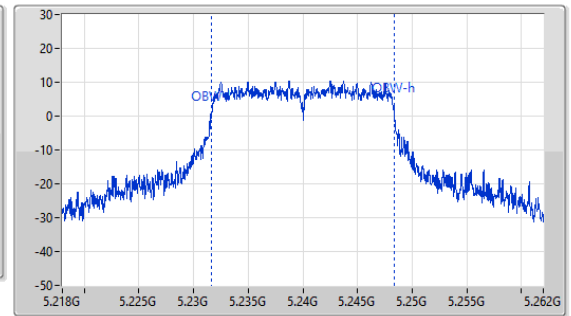
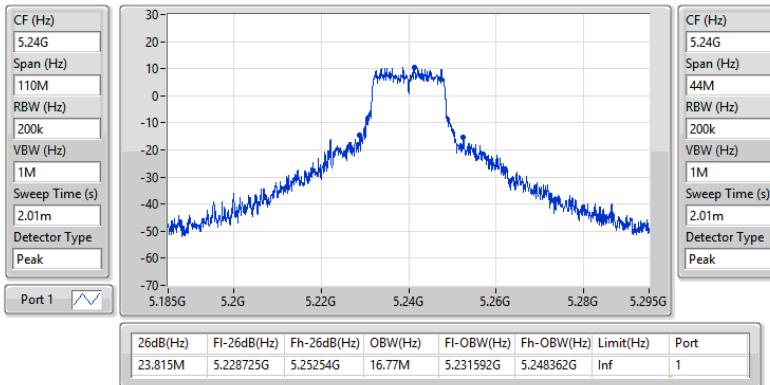

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

06/02/2026

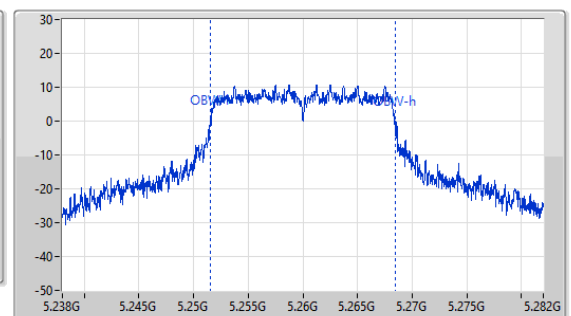
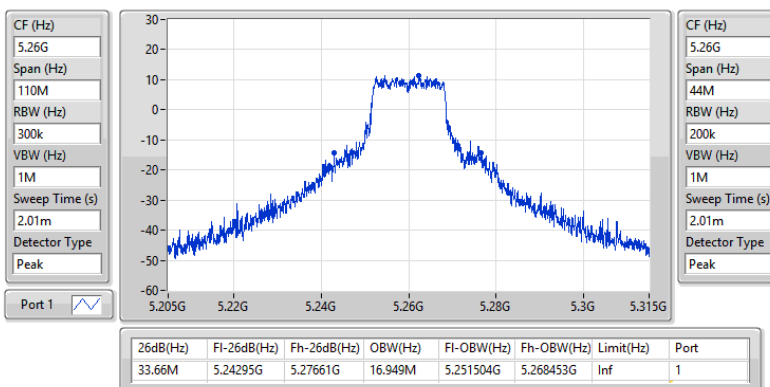


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

06/02/2026

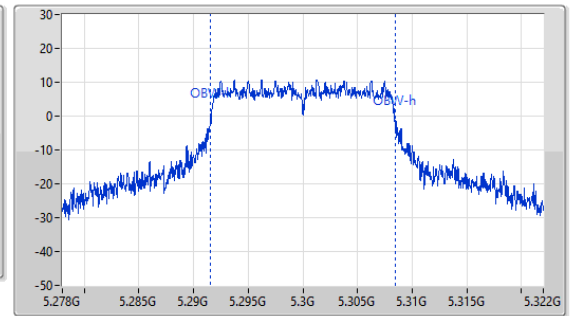
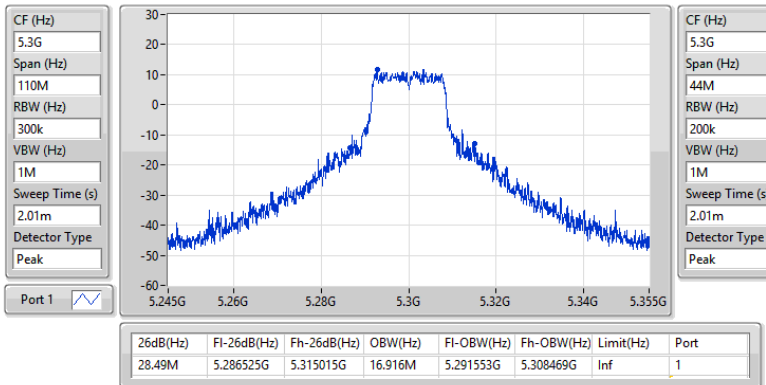

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

06/02/2026

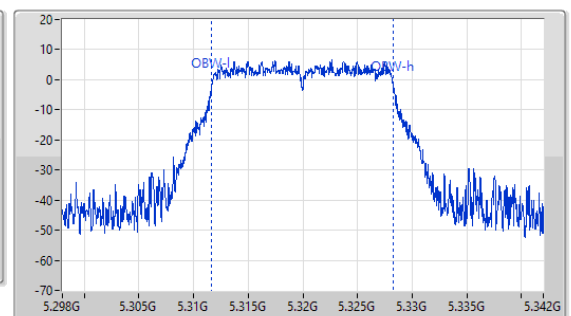
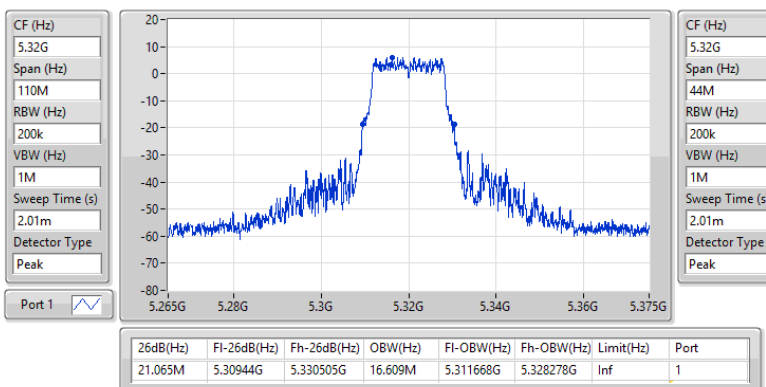


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

06/02/2026

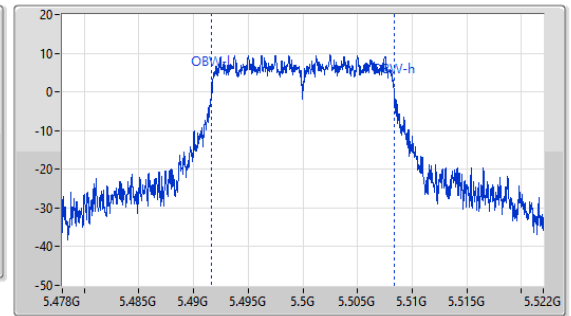
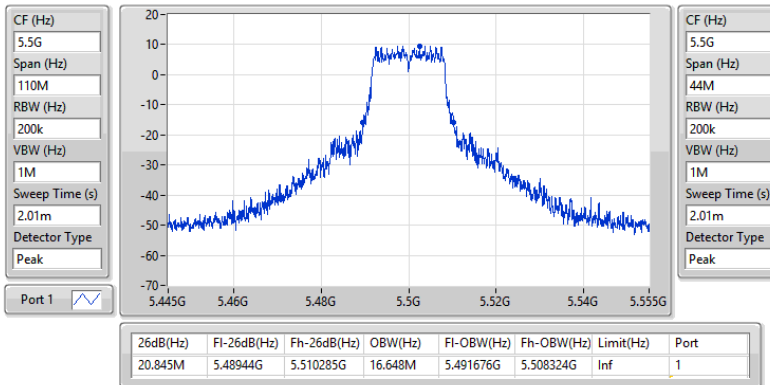

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

27/12/2025

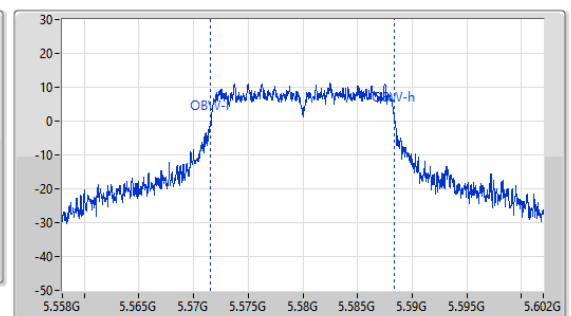
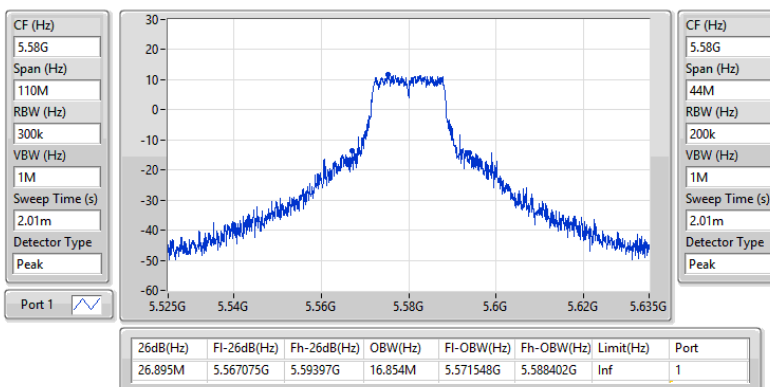


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

06/02/2026

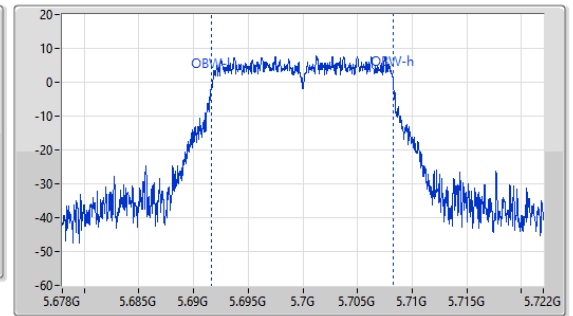
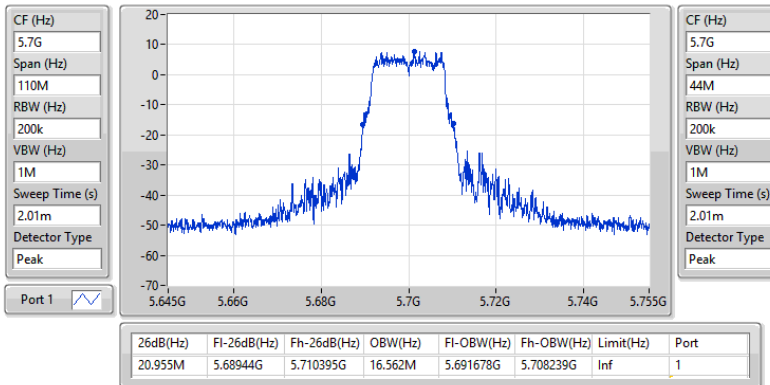

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

06/02/2026

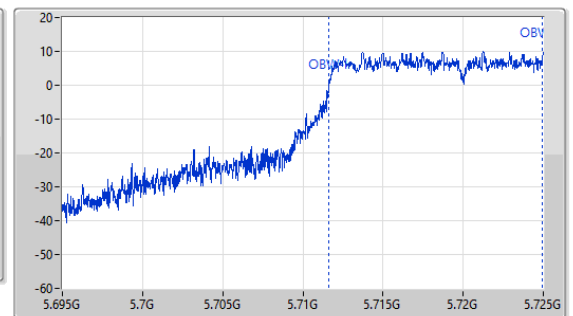
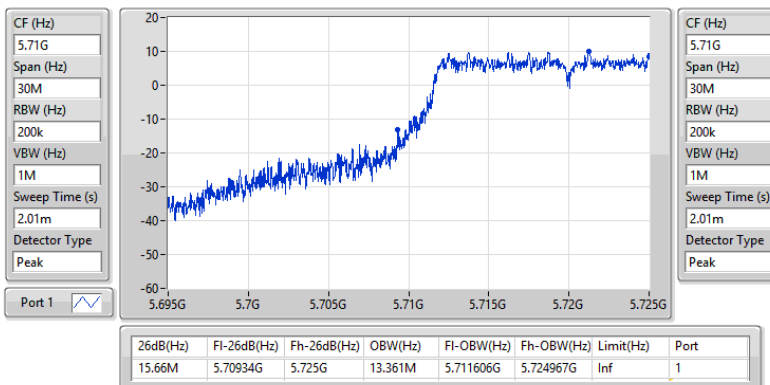


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

06/02/2026

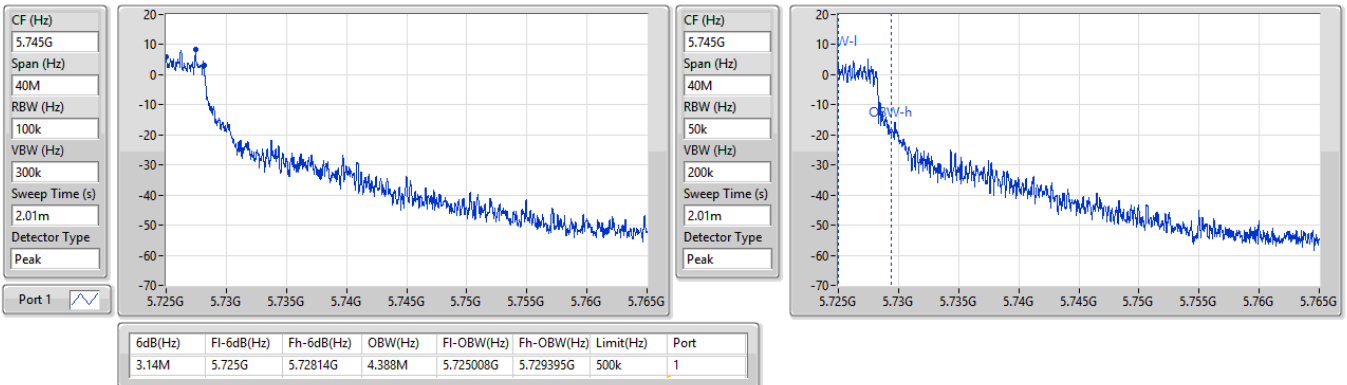

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

06/02/2026

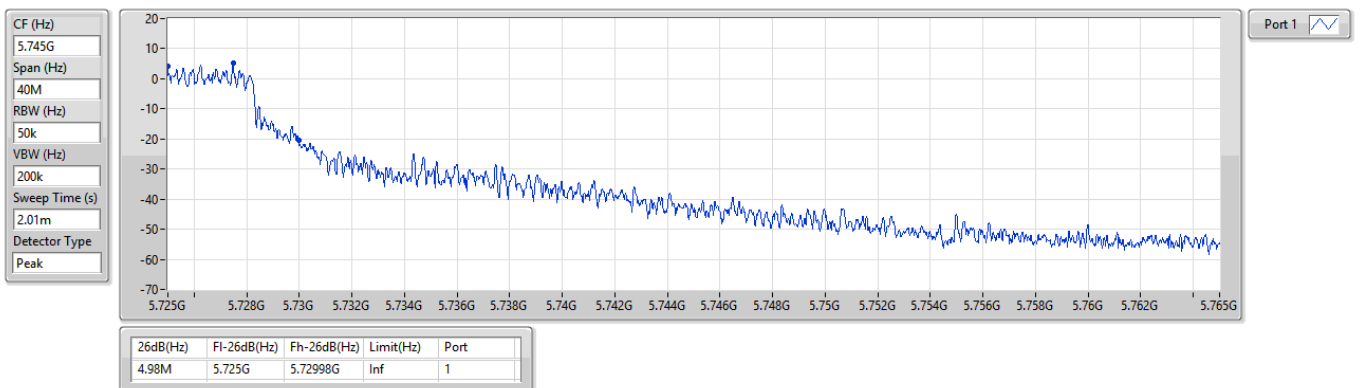


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/02/2026

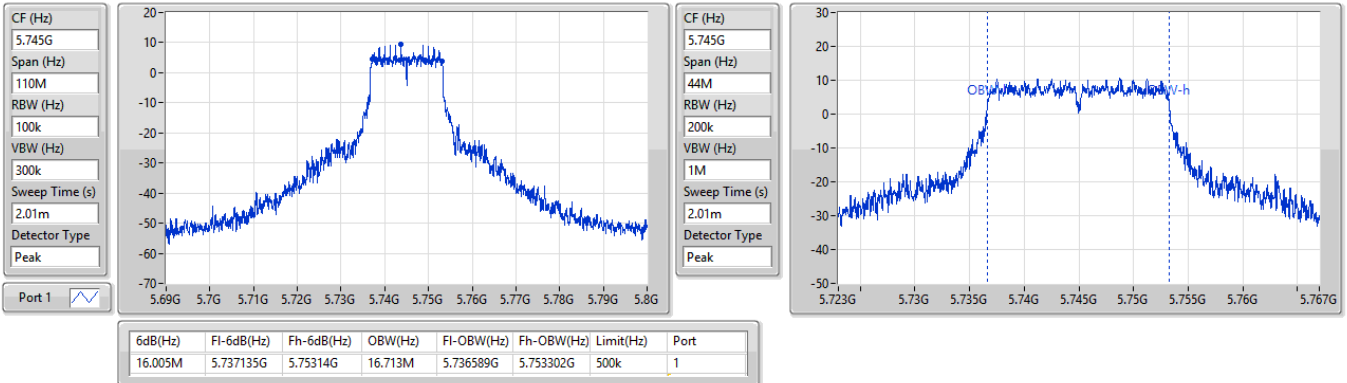

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/02/2026

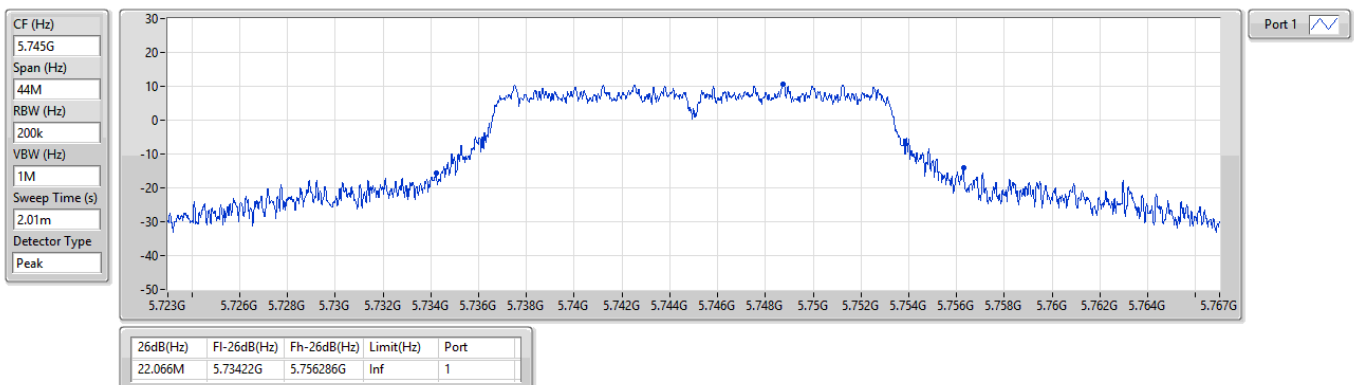


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

06/02/2026


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

06/02/2026

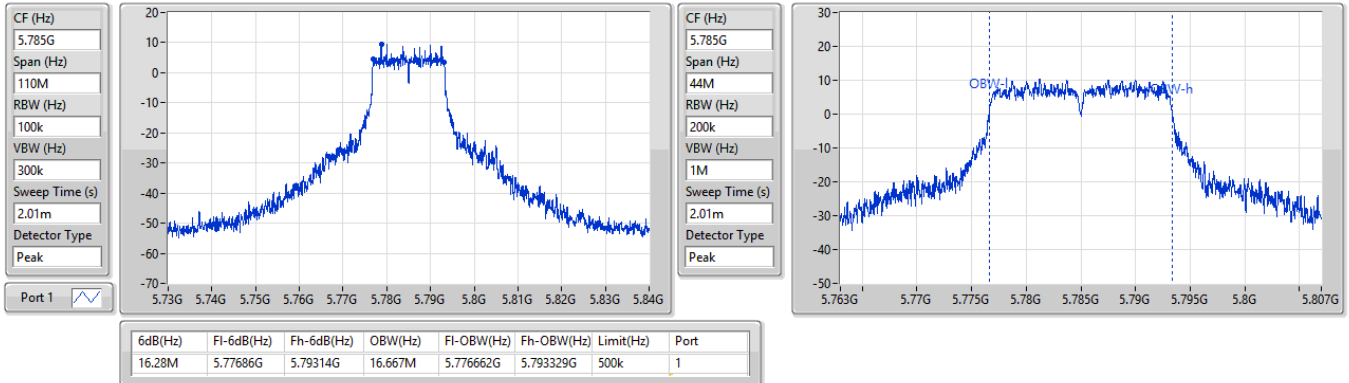


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

06/02/2026

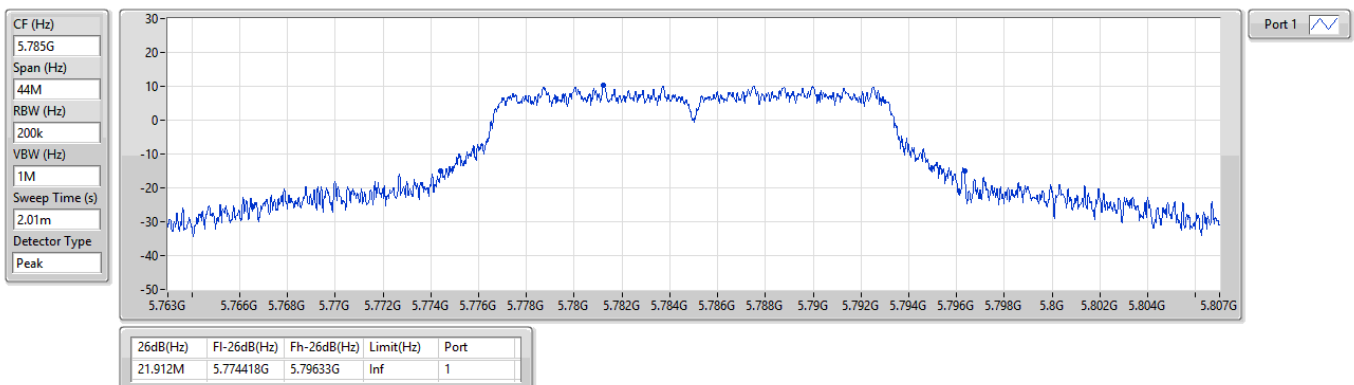


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

06/02/2026

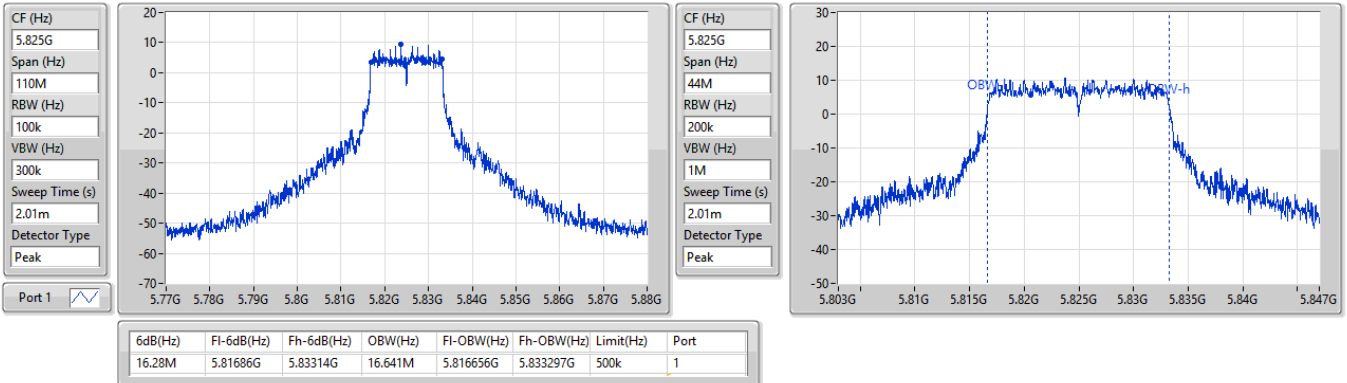


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

06/02/2026

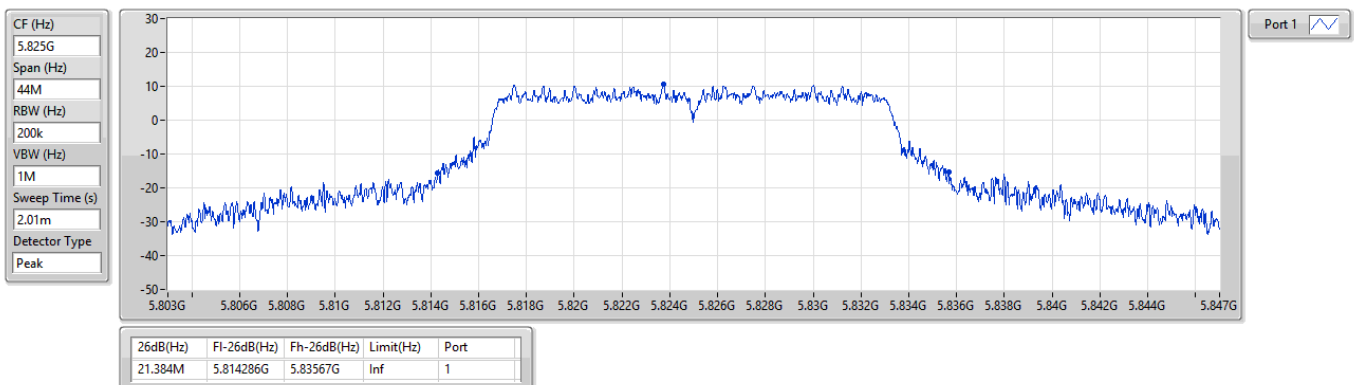


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

06/02/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.255M	17.048M	17M0D1D	20.955M	16.64M
802.11be EHT20_Nss1,(MCS0)_2TX	28.16M	19.158M	19M2D1D	21.01M	18.98M
802.11be EHT40_Nss1,(MCS0)_2TX	42.35M	37.788M	37M8D1D	40.92M	37.653M
802.11be EHT80_Nss1,(MCS0)_2TX	81.18M	77.357M	77M4D1D	79.86M	76.767M
802.11be EHT160_Nss1,(MCS0)_2TX	80.24M	77.055M	77M1D1D	80M	76.923M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.935M	17.202M	17M2D1D	21.175M	16.672M
802.11be EHT20_Nss1,(MCS0)_2TX	24.255M	19.112M	19M1D1D	21.505M	19.021M
802.11be EHT40_Nss1,(MCS0)_2TX	47.08M	37.853M	37M9D1D	41.69M	37.745M
802.11be EHT80_Nss1,(MCS0)_2TX	80.08M	77.442M	77M4D1D	80.08M	76.998M
802.11be EHT160_Nss1,(MCS0)_2TX	80.08M	77.27M	77M3D1D	79.92M	76.935M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.43M	16.964M	17M0D1D	15.66M	13.327M
802.11be EHT20_Nss1,(MCS0)_2TX	23.76M	19.167M	19M2D1D	15.645M	14.575M
802.11be EHT40_Nss1,(MCS0)_2TX	44.22M	37.971M	38M0D1D	35.105M	33.728M
802.11be EHT80_Nss1,(MCS0)_2TX	82.94M	77.401M	77M4D1D	75.45M	73.354M
802.11be EHT160_Nss1,(MCS0)_2TX	164.12M	156.656M	157MD1D	161.48M	155.869M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.555M	17.078M	17M1D1D	3.22M	4.801M
802.11be EHT20_Nss1,(MCS0)_2TX	19.195M	19.226M	19M2D1D	4.48M	5.088M
802.11be EHT40_Nss1,(MCS0)_2TX	37.84M	37.935M	37M9D1D	3.98M	10.28M
802.11be EHT80_Nss1,(MCS0)_2TX	76.34M	77.214M	77M2D1D	3.8M	16.177M

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

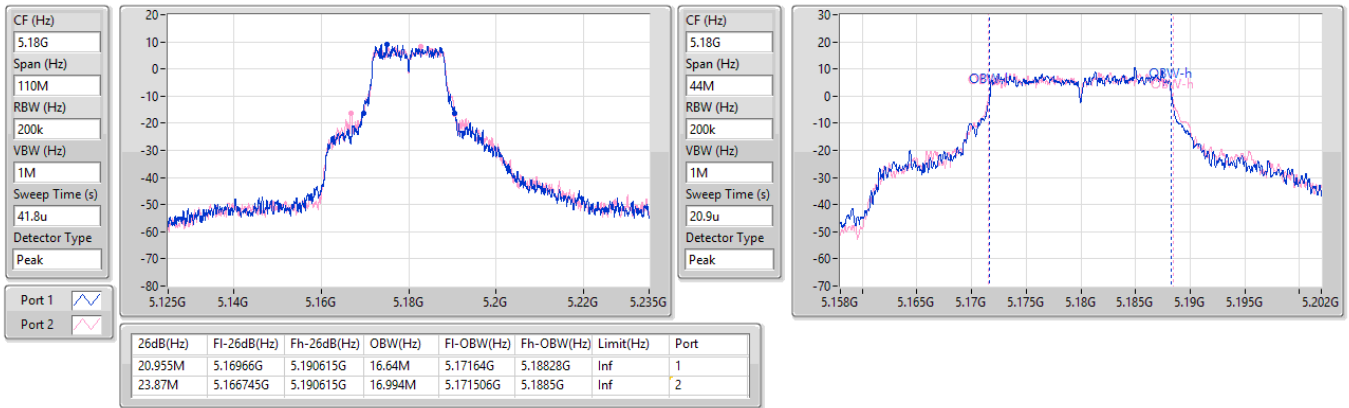
Result

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	20.955M	16.64M	23.87M	16.994M
5200MHz	Pass	Inf	24.255M	17.048M	22.33M	16.785M
5240MHz	Pass	Inf	21.065M	16.863M	21.34M	17.038M
5260MHz	Pass	Inf	22.935M	16.672M	21.285M	16.956M
5300MHz	Pass	Inf	21.615M	16.871M	21.395M	17.202M
5320MHz	Pass	Inf	22.275M	16.709M	21.175M	16.791M
5500MHz	Pass	Inf	23.43M	16.875M	21.725M	16.964M
5580MHz	Pass	Inf	21.505M	16.741M	21.505M	16.809M
5700MHz	Pass	Inf	20.845M	16.588M	21.065M	16.57M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.66M	13.327M	15.78M	13.331M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.801M	3.22M	4.958M
5745MHz	Pass	500k	16.335M	16.678M	16.335M	16.686M
5785MHz	Pass	500k	16.555M	16.642M	16.555M	17.078M
5825MHz	Pass	500k	16.5M	17.016M	16.5M	16.852M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.01M	19.092M	21.505M	18.989M
5200MHz	Pass	Inf	28.16M	19.102M	21.45M	19.158M
5240MHz	Pass	Inf	21.065M	19.043M	24.2M	18.98M
5260MHz	Pass	Inf	22.385M	19.112M	23.43M	19.035M
5300MHz	Pass	Inf	24.255M	19.108M	22.88M	19.039M
5320MHz	Pass	Inf	21.505M	19.021M	24.035M	19.026M
5500MHz	Pass	Inf	22.99M	19.033M	23.76M	19.053M
5580MHz	Pass	Inf	21.78M	19.002M	21.78M	19.025M
5700MHz	Pass	Inf	21.12M	18.994M	21.065M	19.167M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	14.669M	18.885M	14.575M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	5.203M	4.56M	5.088M
5745MHz	Pass	500k	19.085M	19.121M	19.085M	19.226M
5785MHz	Pass	500k	19.14M	19.033M	19.085M	19.05M
5825MHz	Pass	500k	19.195M	19.154M	19.14M	19.079M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.14M	37.739M	42.35M	37.771M
5230MHz	Pass	Inf	40.92M	37.653M	40.92M	37.788M
5270MHz	Pass	Inf	42.46M	37.821M	41.8M	37.853M
5310MHz	Pass	Inf	41.69M	37.817M	47.08M	37.745M
5510MHz	Pass	Inf	40.48M	37.921M	44.22M	37.971M
5550MHz	Pass	Inf	44M	37.905M	40.37M	37.893M
5670MHz	Pass	Inf	40.15M	37.855M	40.48M	37.662M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.105M	33.919M	35.105M	33.728M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	10.28M	3.98M	13.42M
5755MHz	Pass	500k	37.07M	37.908M	37.84M	37.705M
5795MHz	Pass	500k	37.73M	37.935M	33.66M	37.811M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	79.86M	76.767M	81.18M	77.357M
5290MHz	Pass	Inf	80.08M	76.998M	80.08M	77.442M
5530MHz	Pass	Inf	82.94M	77.221M	82.72M	77.401M
5610MHz	Pass	Inf	81.18M	76.976M	82.06M	77.265M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.45M	73.381M	76.35M	73.354M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	17.62M	4.04M	16.177M
5775MHz	Pass	500k	76.12M	77.073M	76.34M	77.214M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.055M	80.24M	76.923M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	76.935M	79.92M	77.27M
5570MHz	Pass	Inf	161.48M	155.869M	164.12M	156.656M

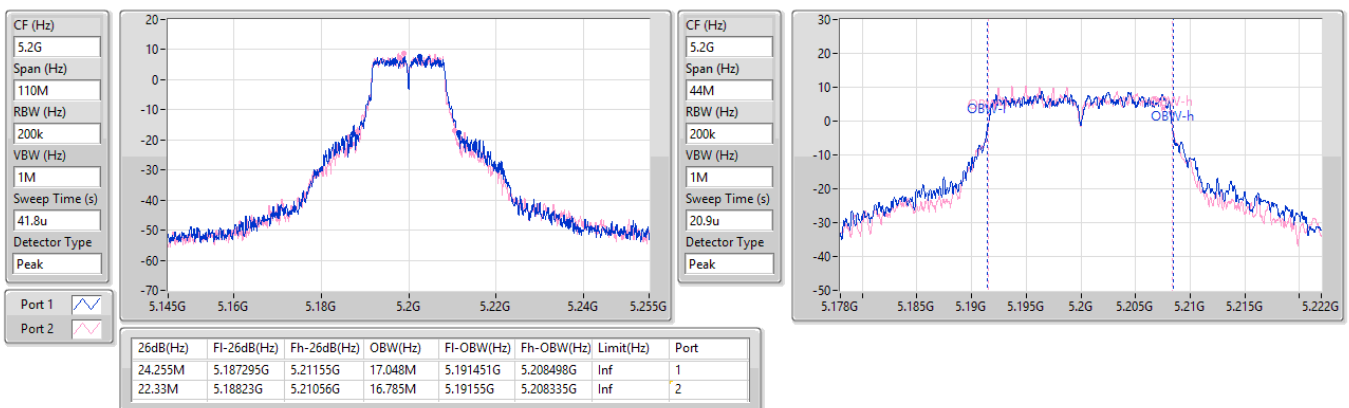
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

29/12/2025

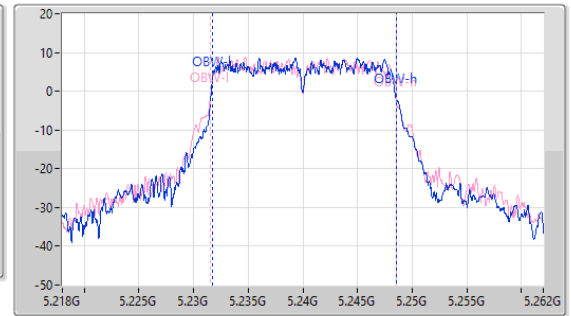
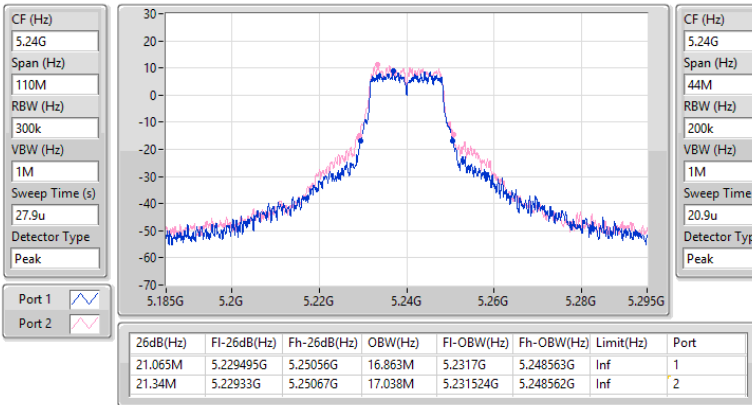

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

29/12/2025

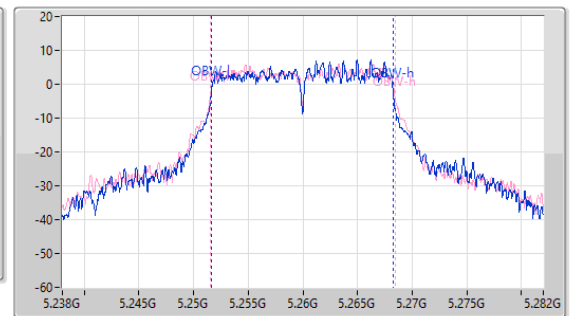
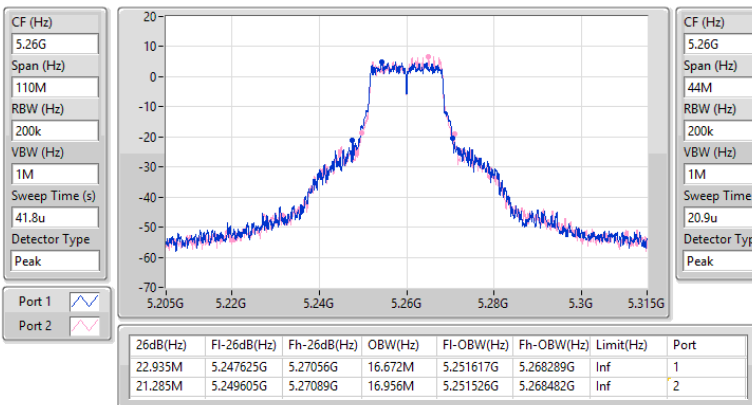


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

29/12/2025

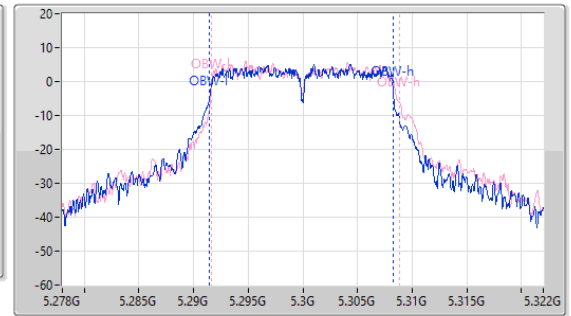
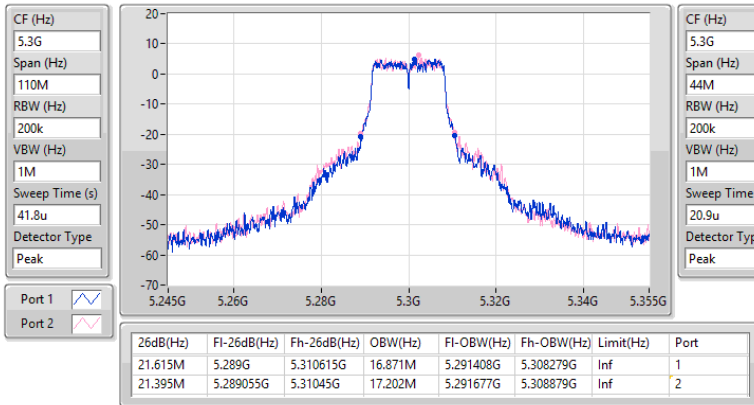

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

29/12/2025

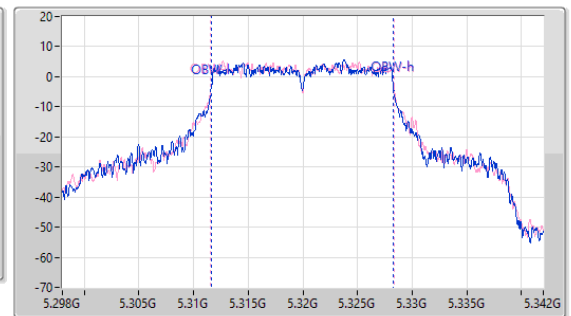
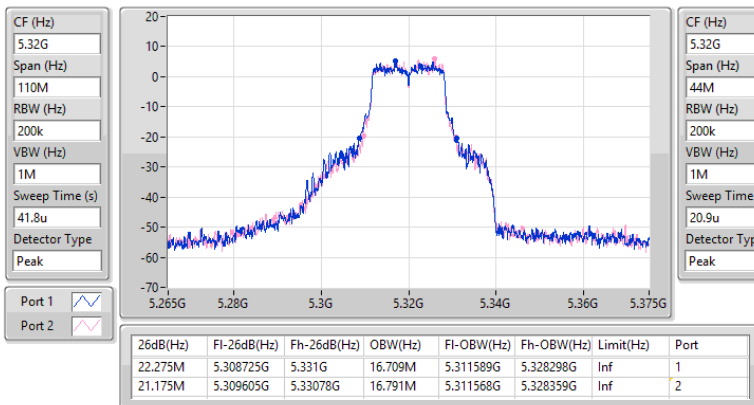


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

29/12/2025

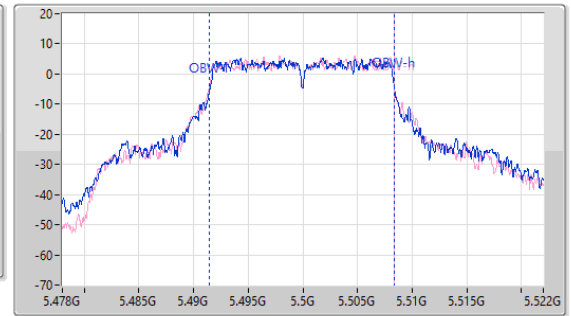
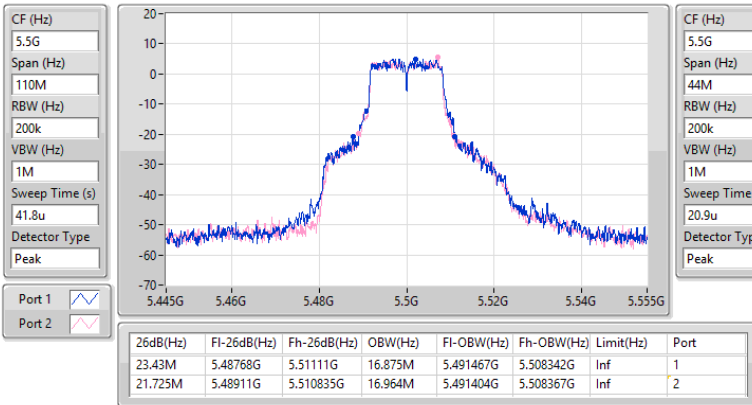

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

29/12/2025

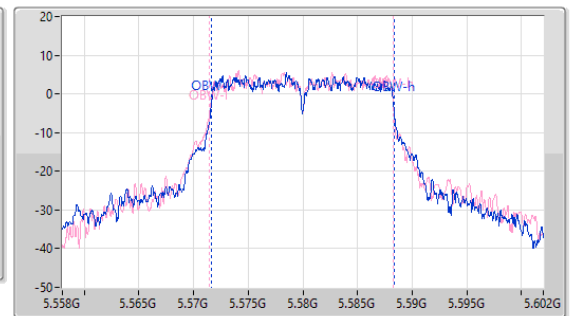
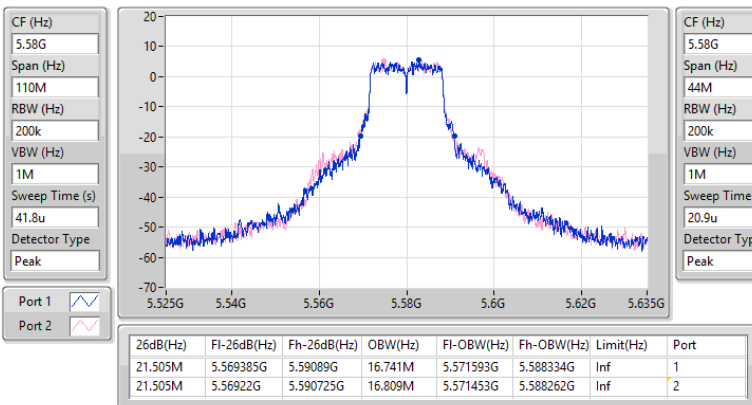


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

29/12/2025

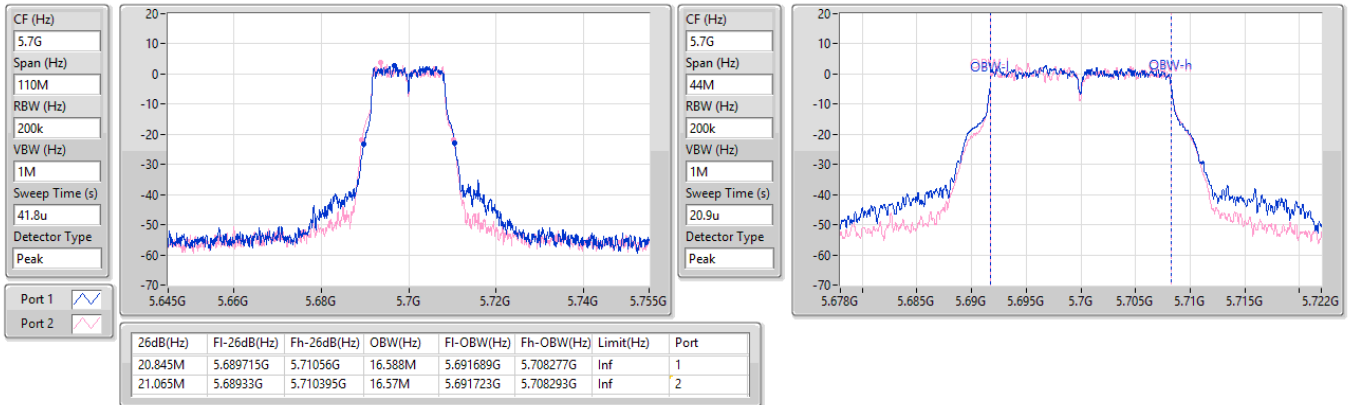

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

29/12/2025

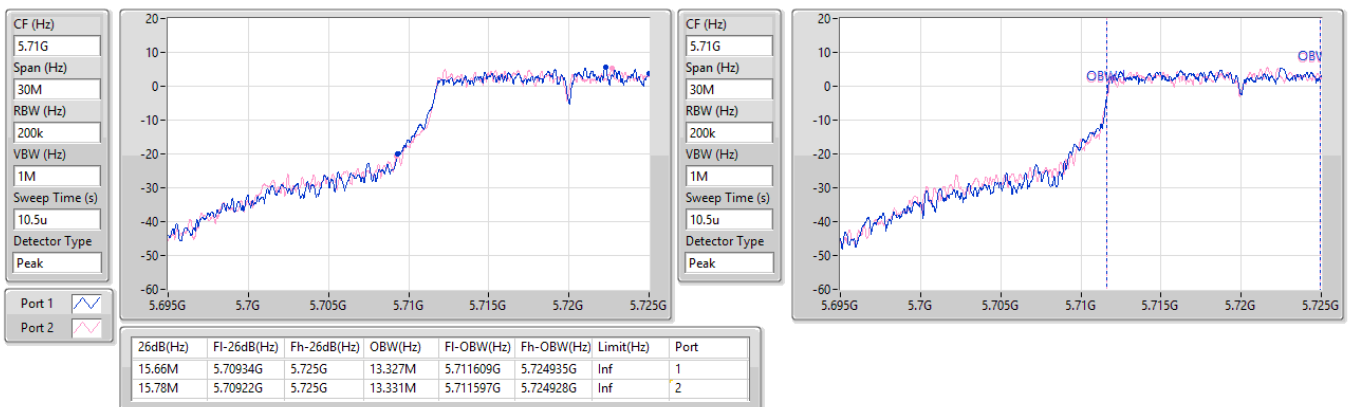


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

29/12/2025

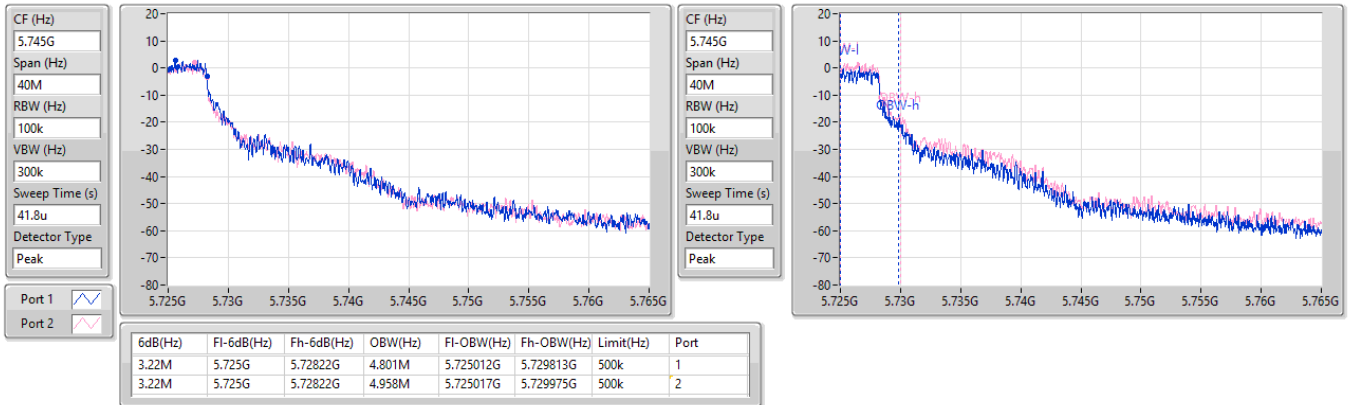

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

29/12/2025

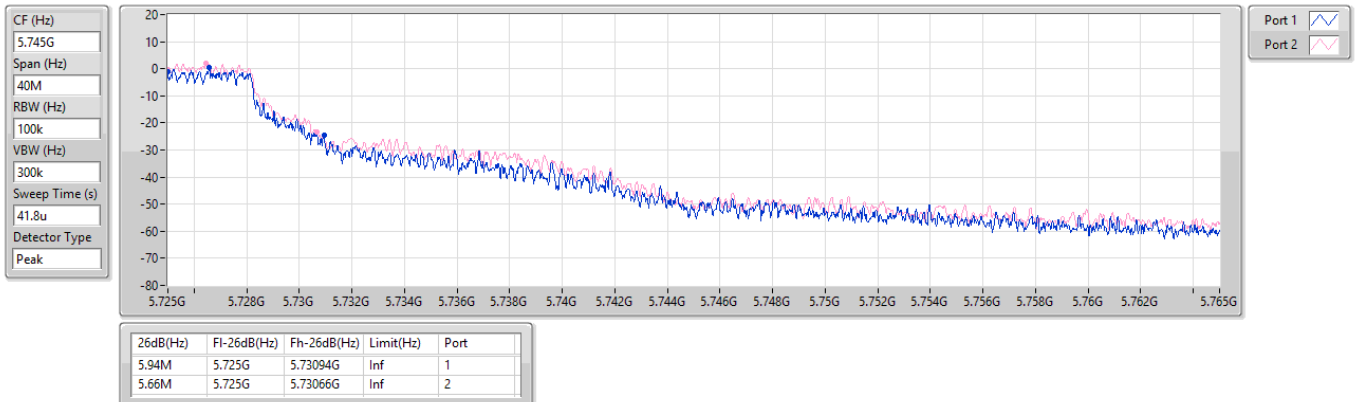


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/12/2025

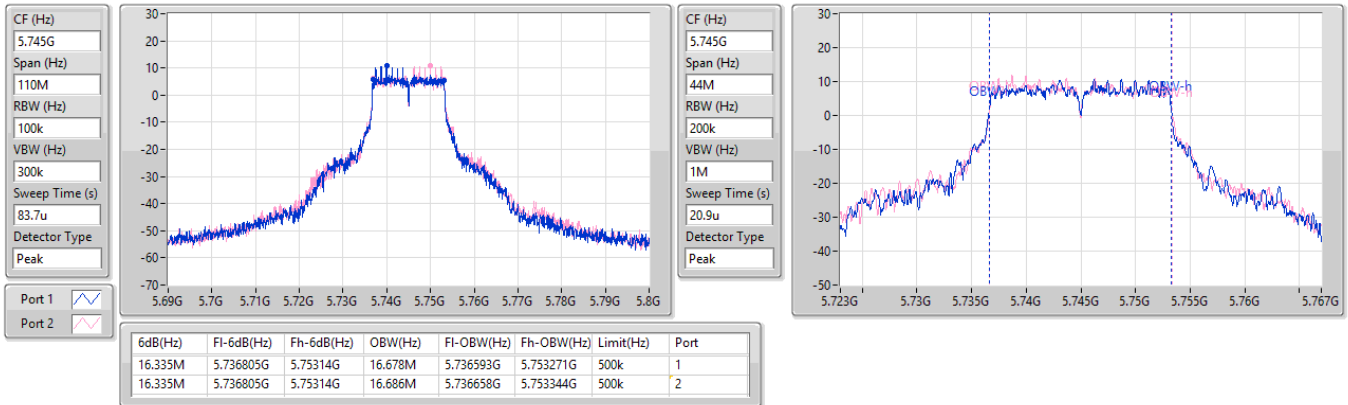

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/12/2025

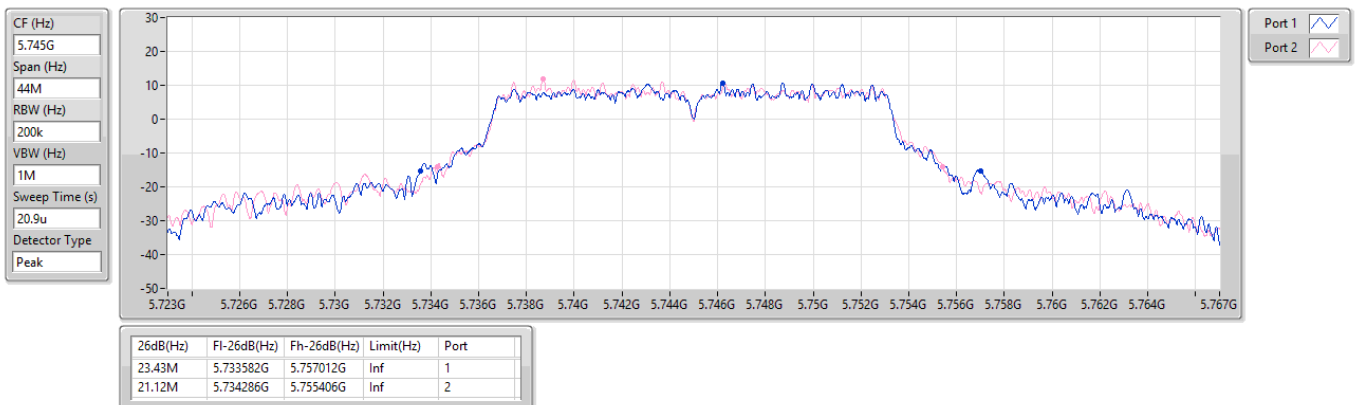


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

29/12/2025

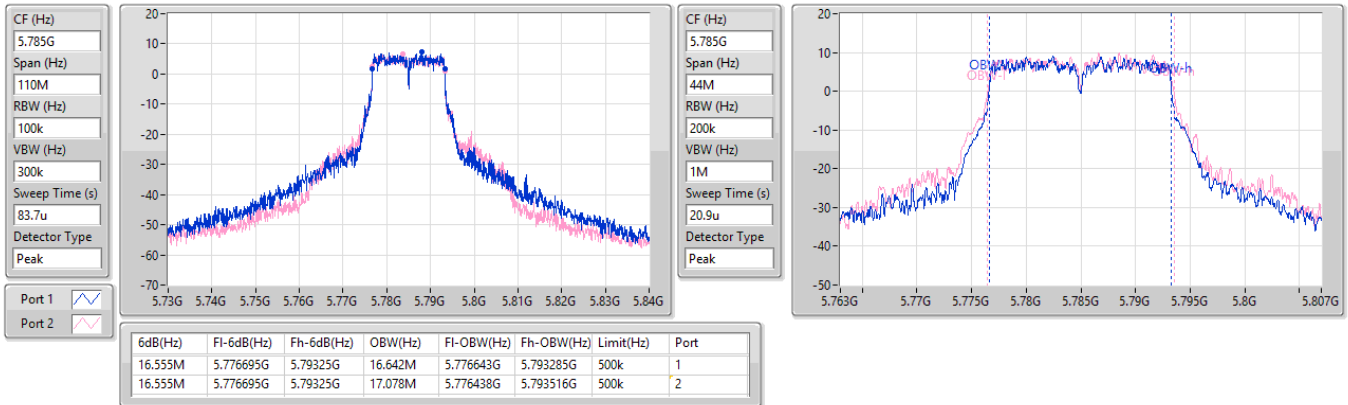

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

29/12/2025

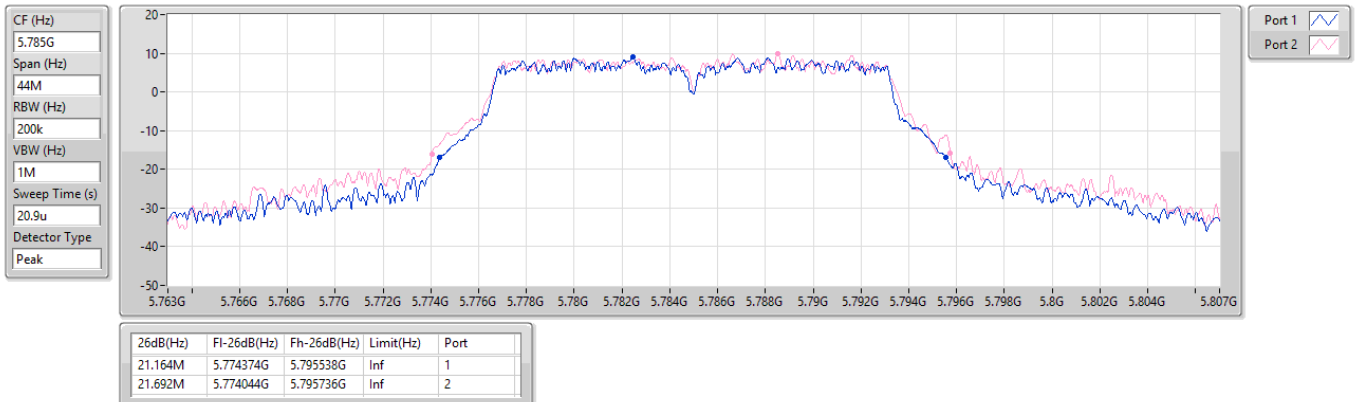


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

29/12/2025

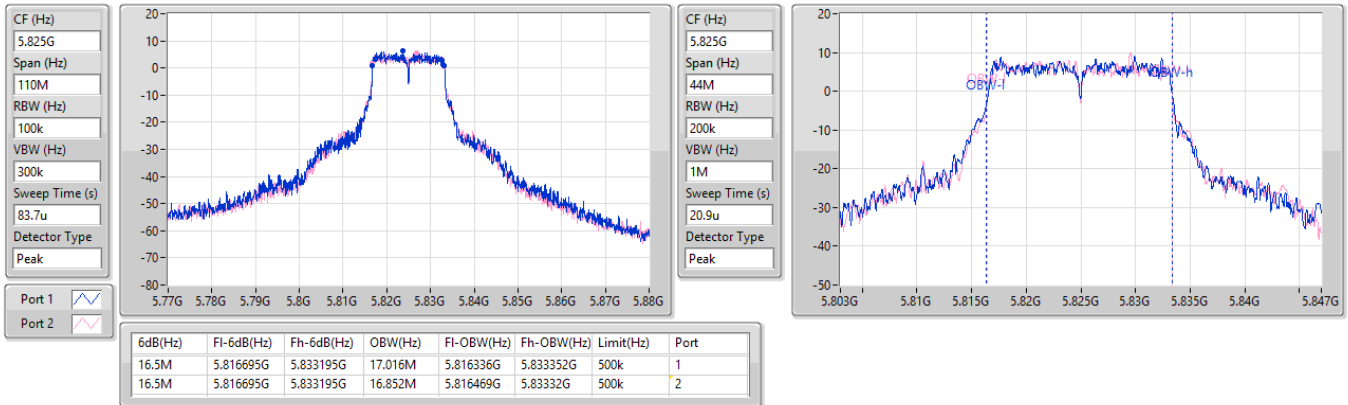

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

29/12/2025

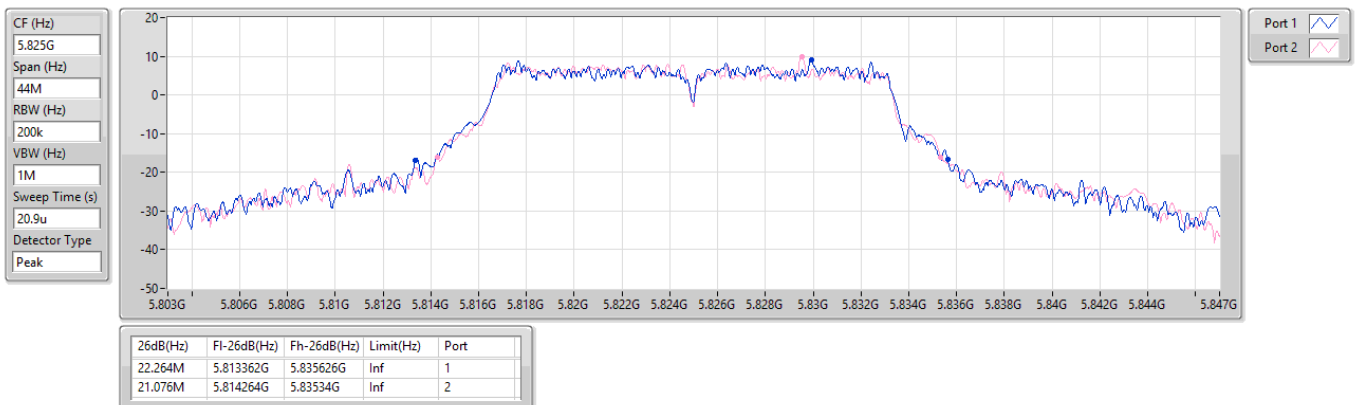


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

29/12/2025

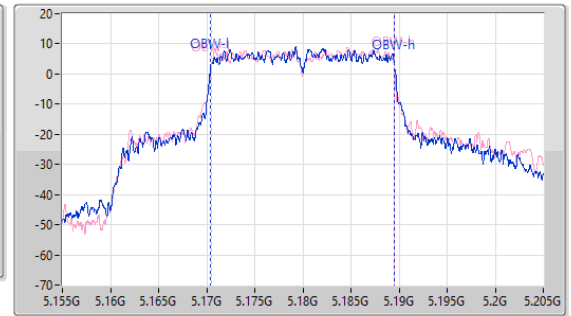
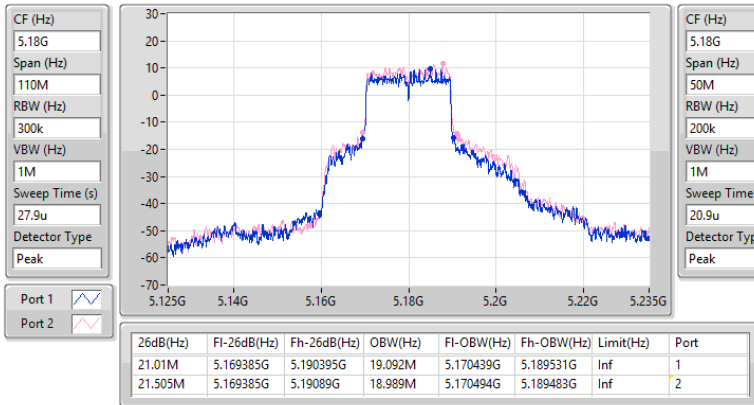

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

29/12/2025

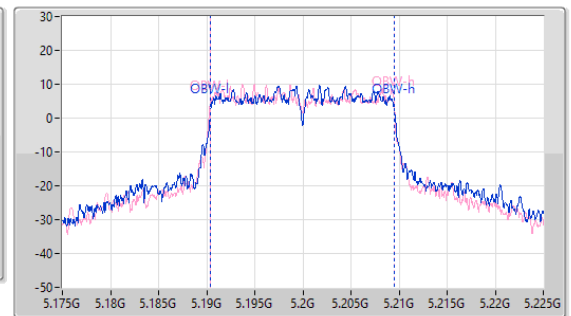
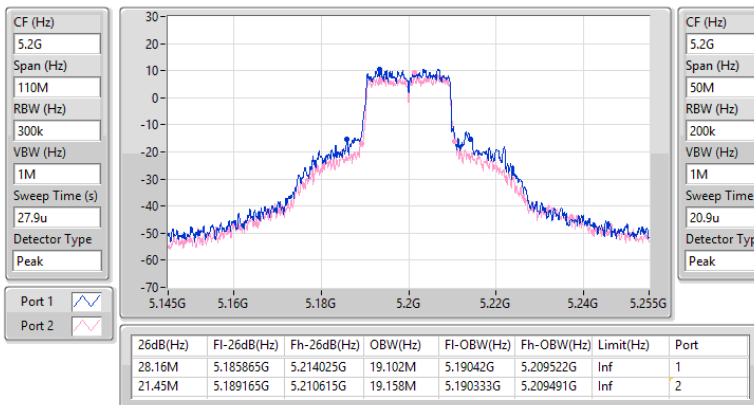


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

29/12/2025

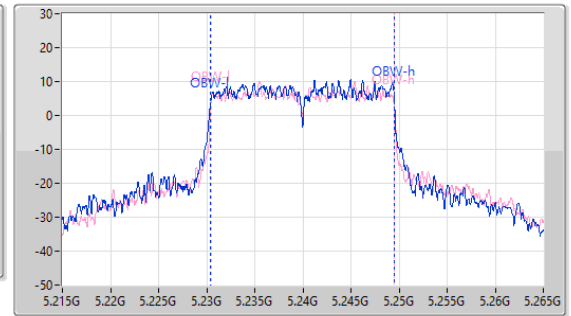
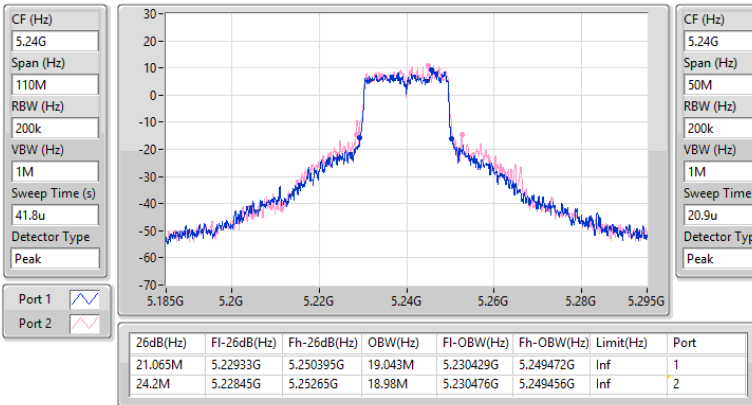

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

29/12/2025

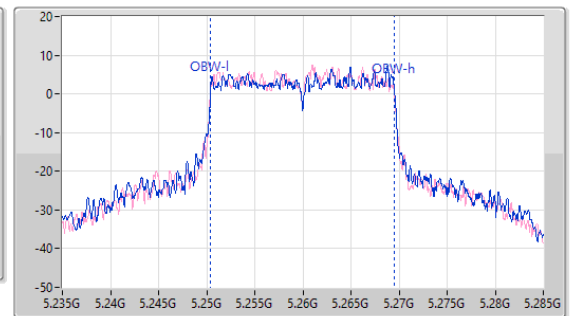
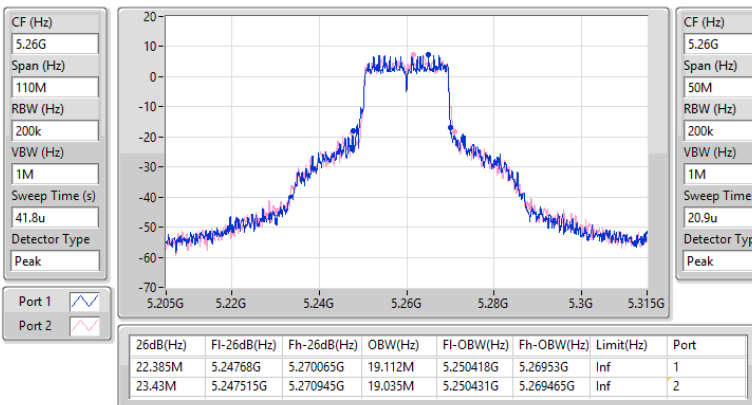


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

29/12/2025

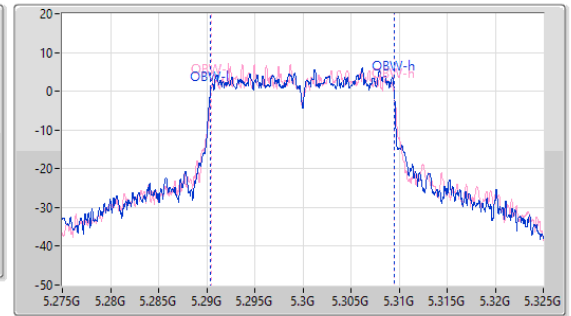
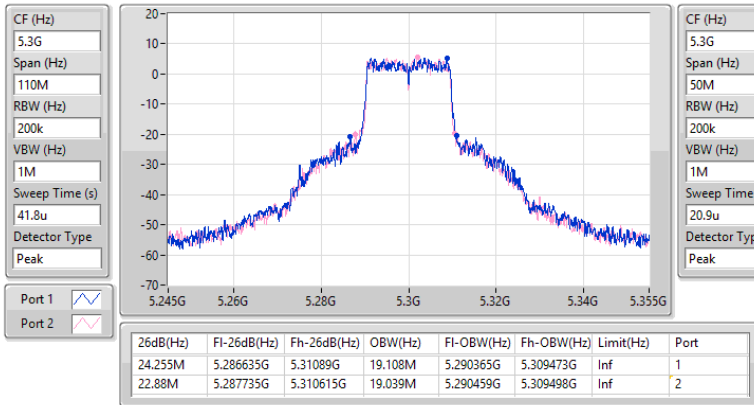

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

29/12/2025

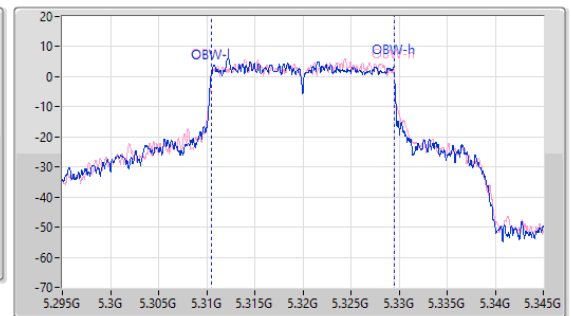
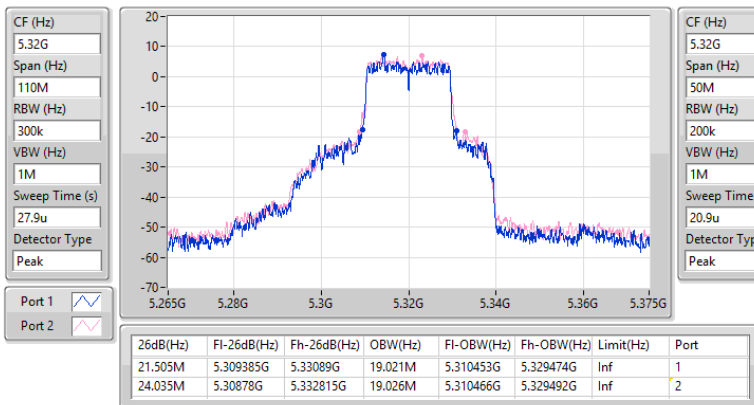


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

29/12/2025

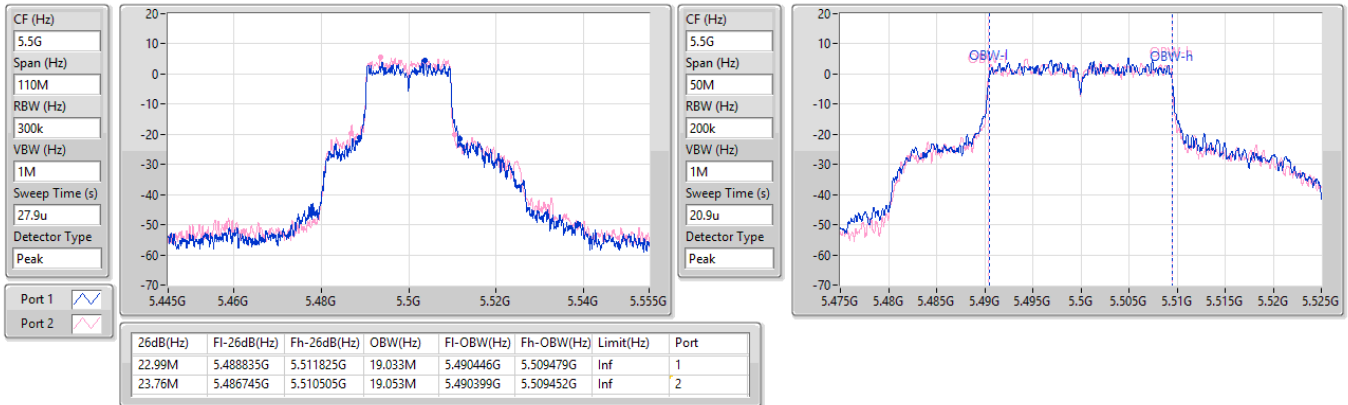

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

29/12/2025

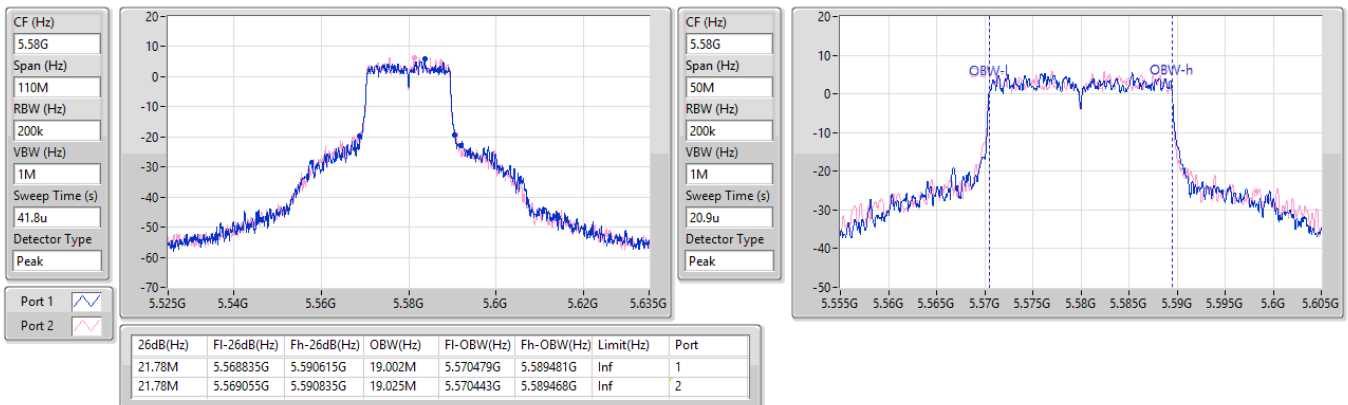


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

29/12/2025

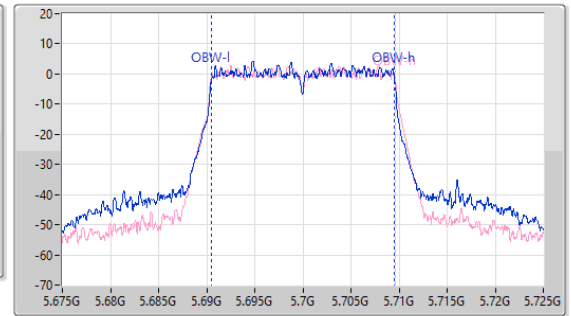
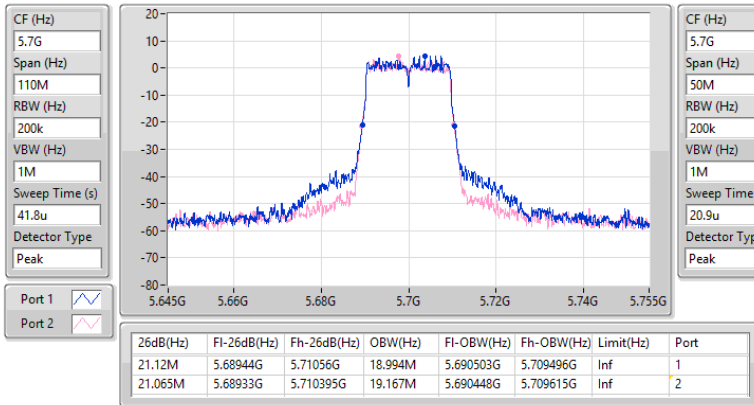

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

29/12/2025

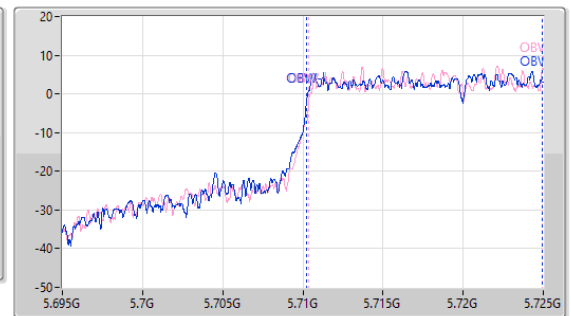
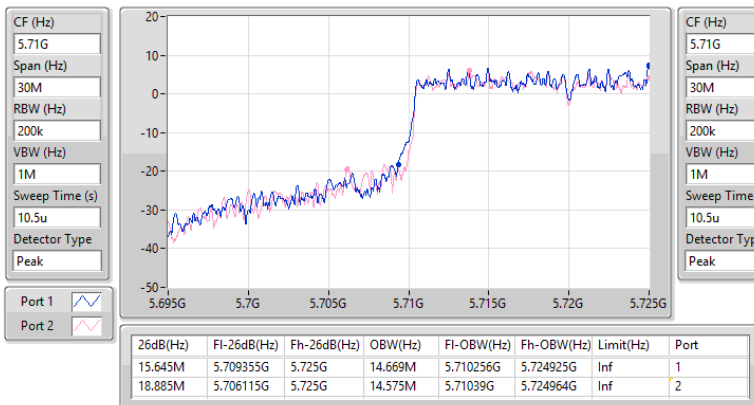


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5700MHz

29/12/2025

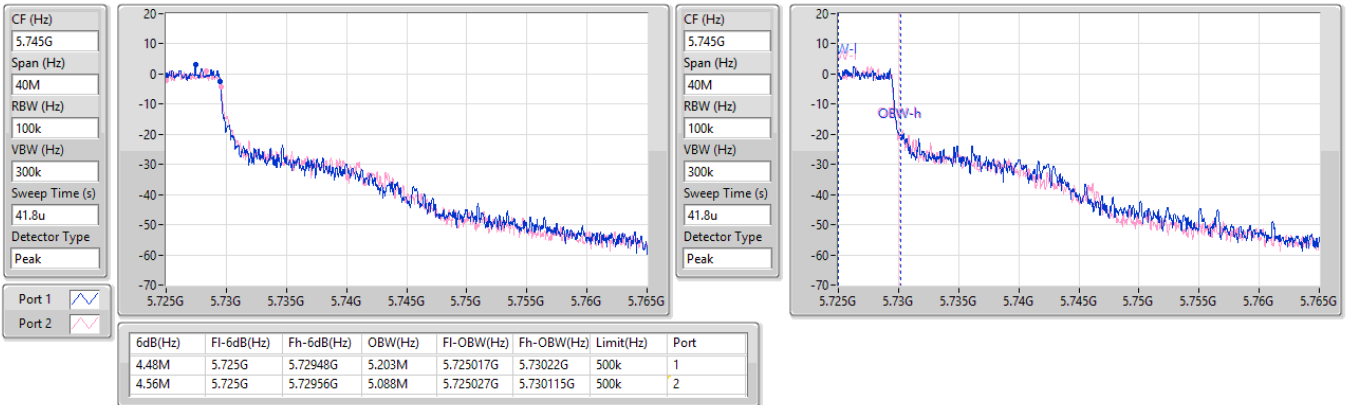

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

29/12/2025

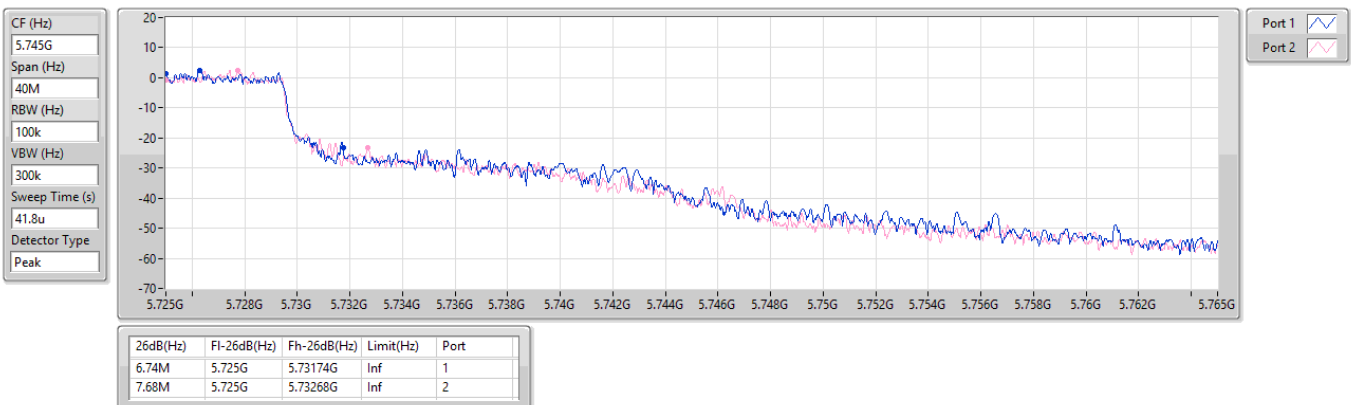


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/12/2025

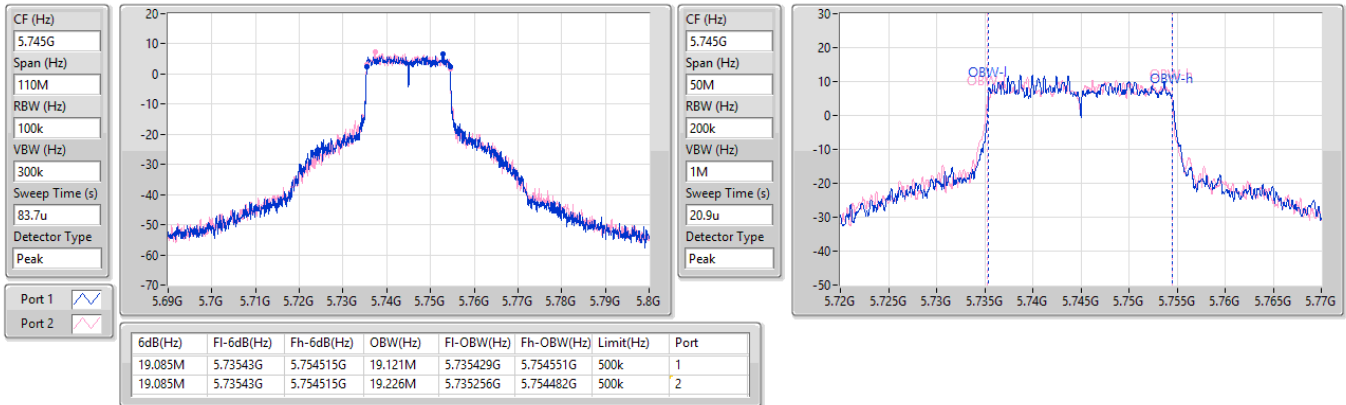

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/12/2025

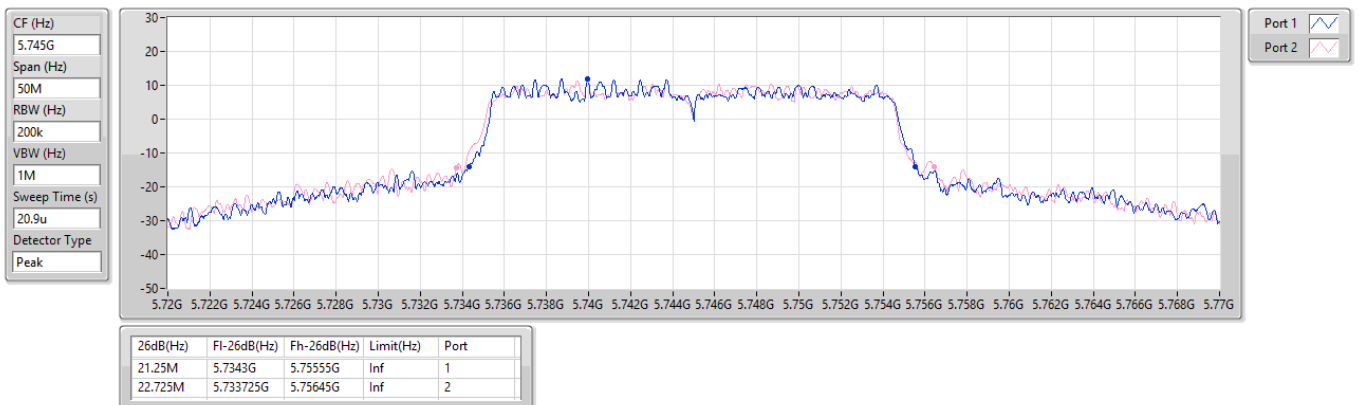


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

29/12/2025

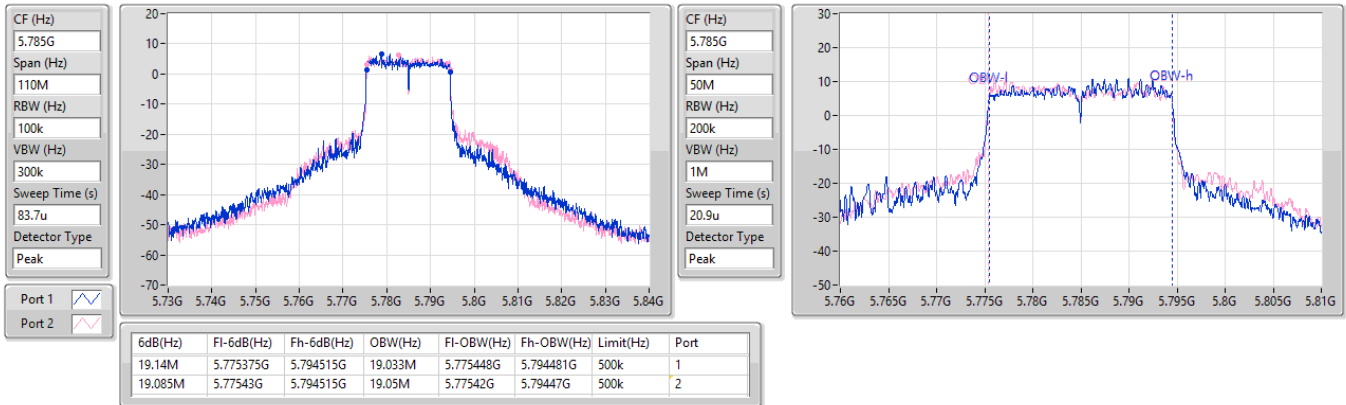

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

29/12/2025

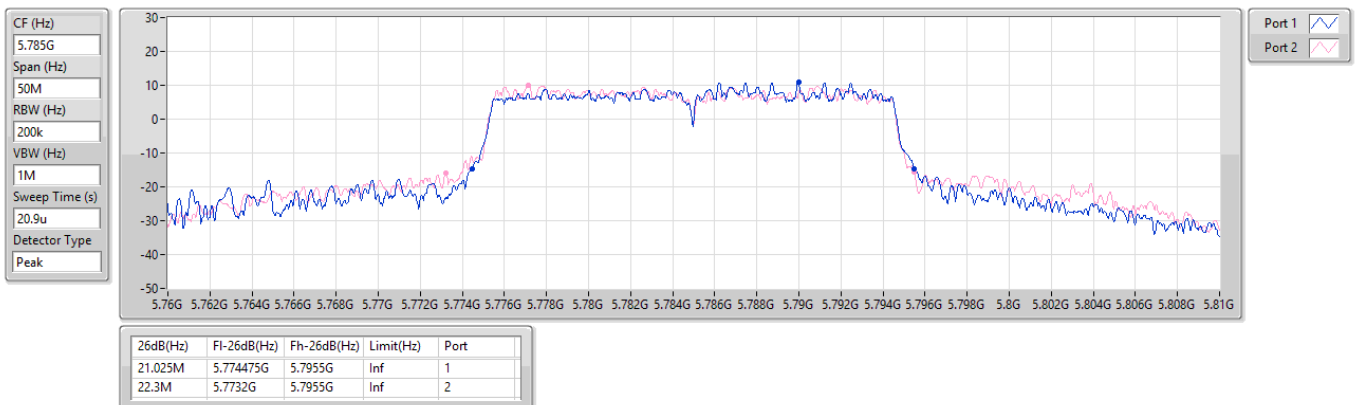


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

29/12/2025

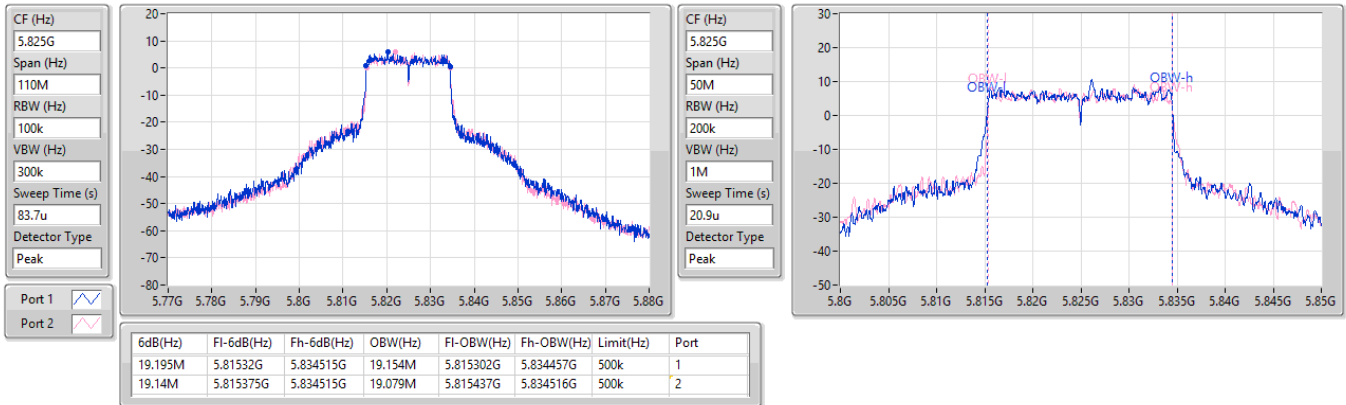

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

29/12/2025

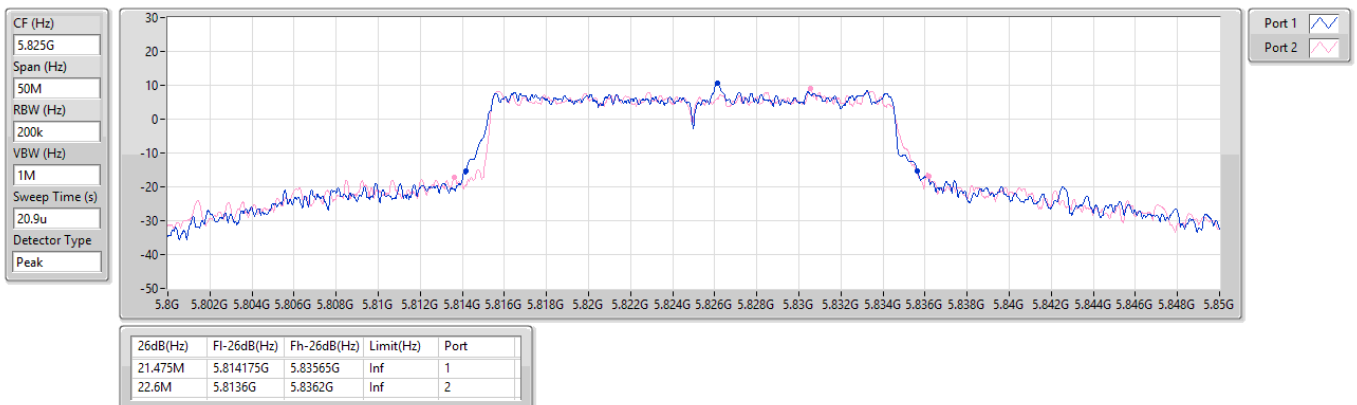


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

29/12/2025

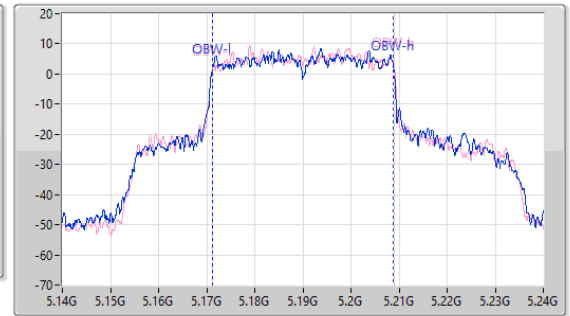
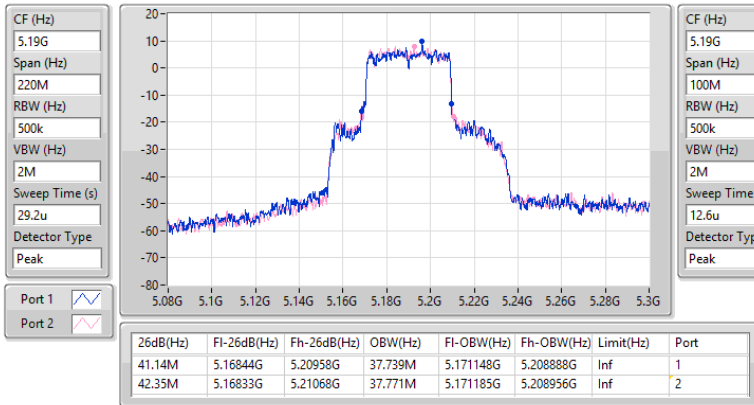

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

29/12/2025

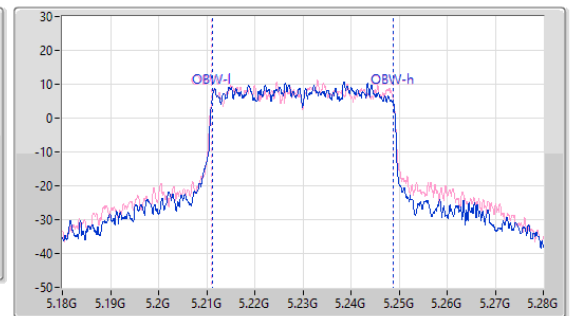
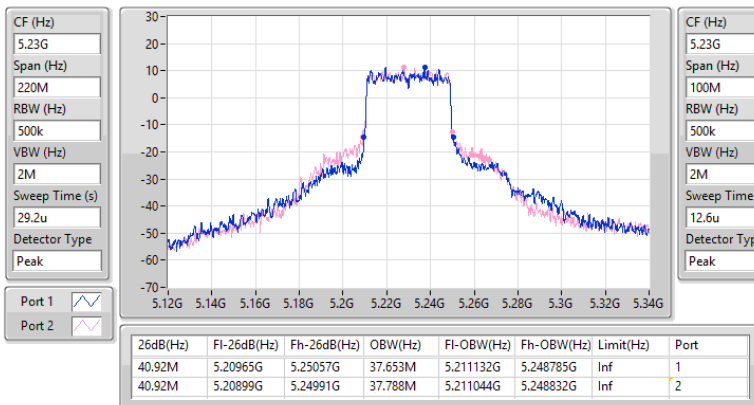


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

29/12/2025

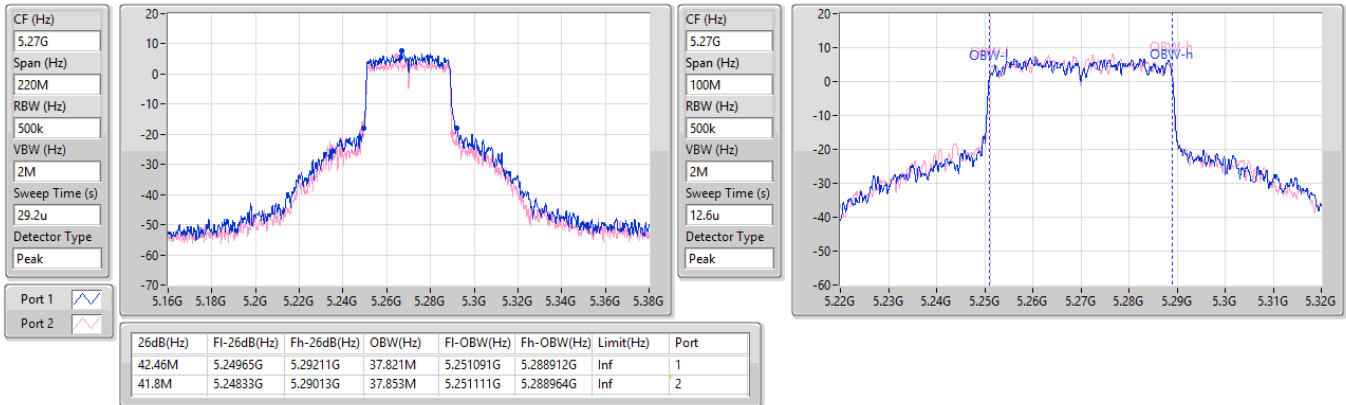

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

29/12/2025

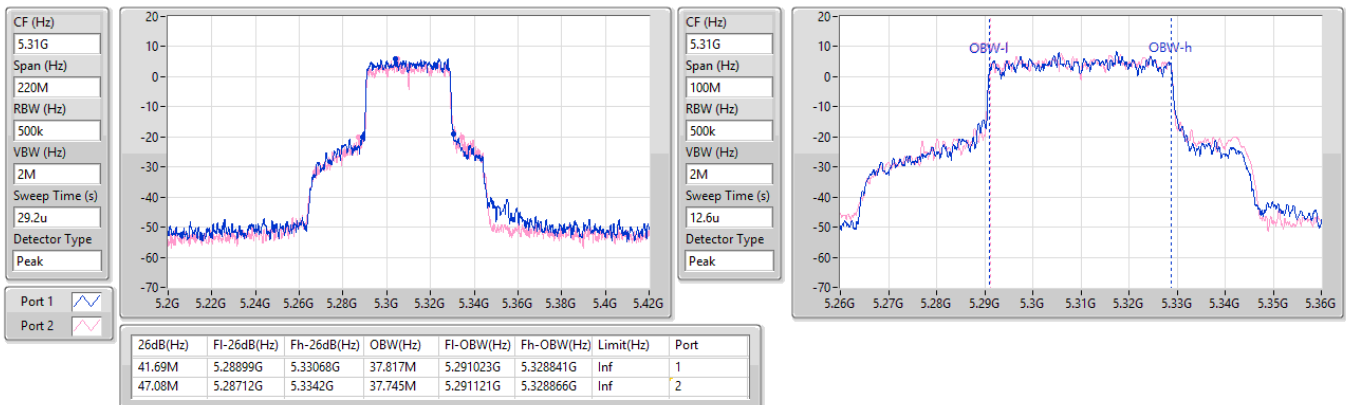


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

29/12/2025

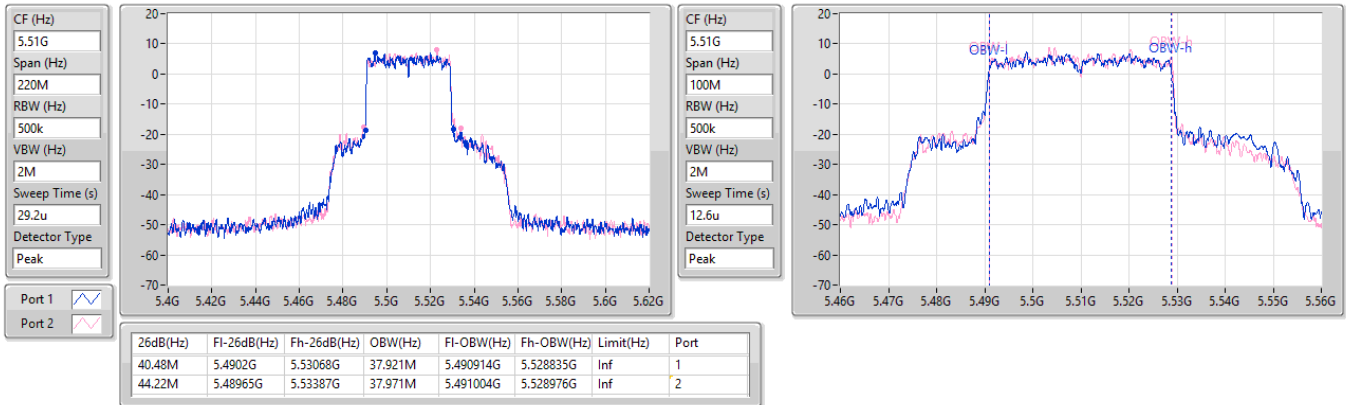

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

29/12/2025

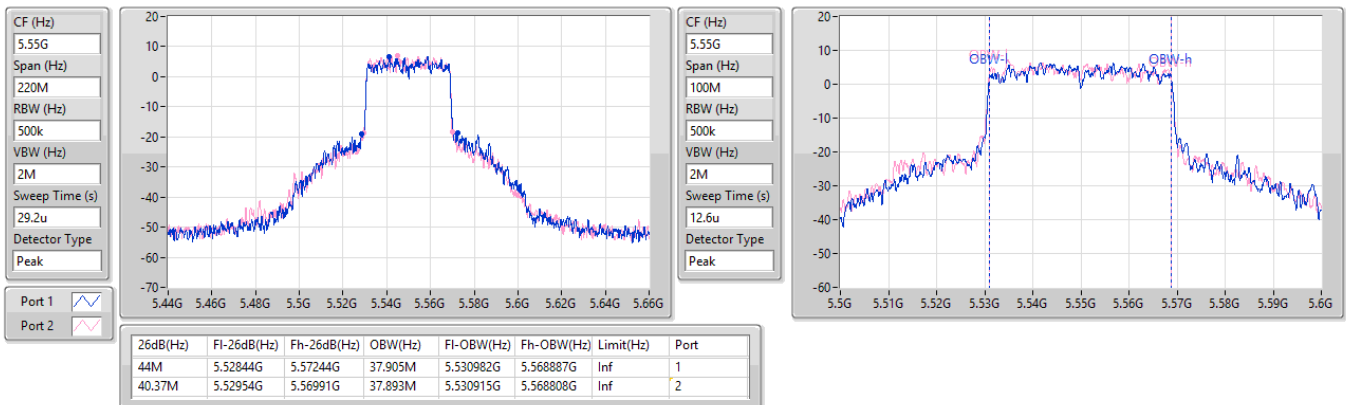


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

29/12/2025

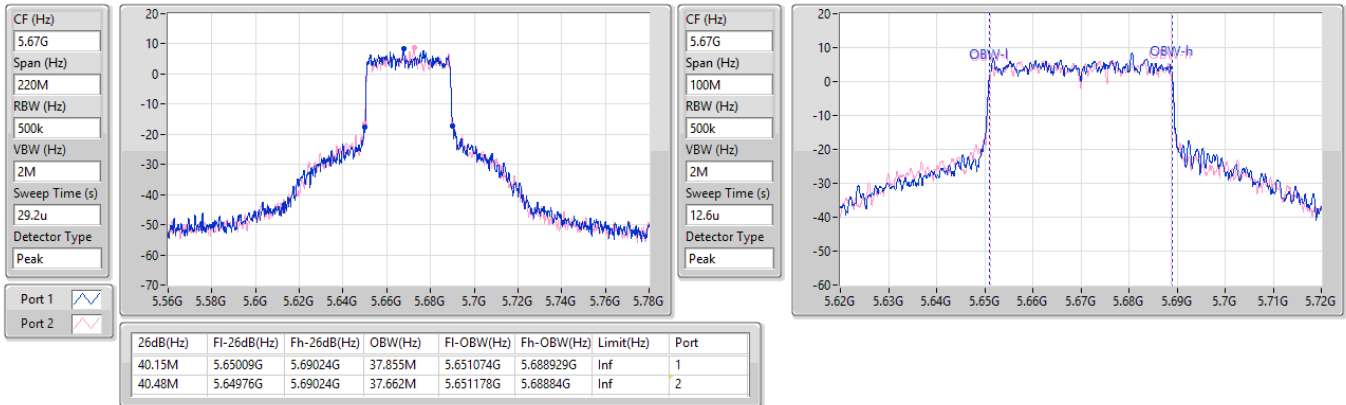

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

29/12/2025

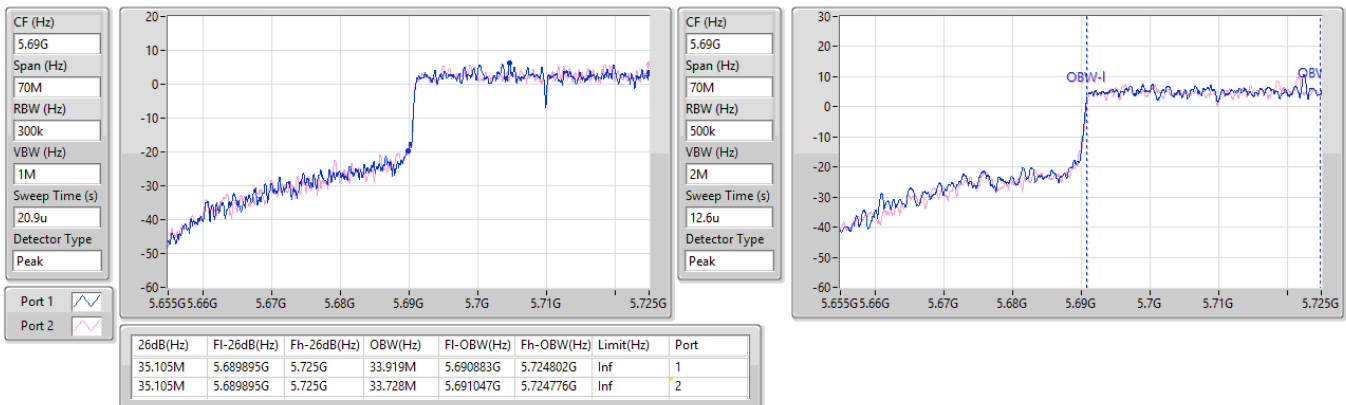


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

29/12/2025

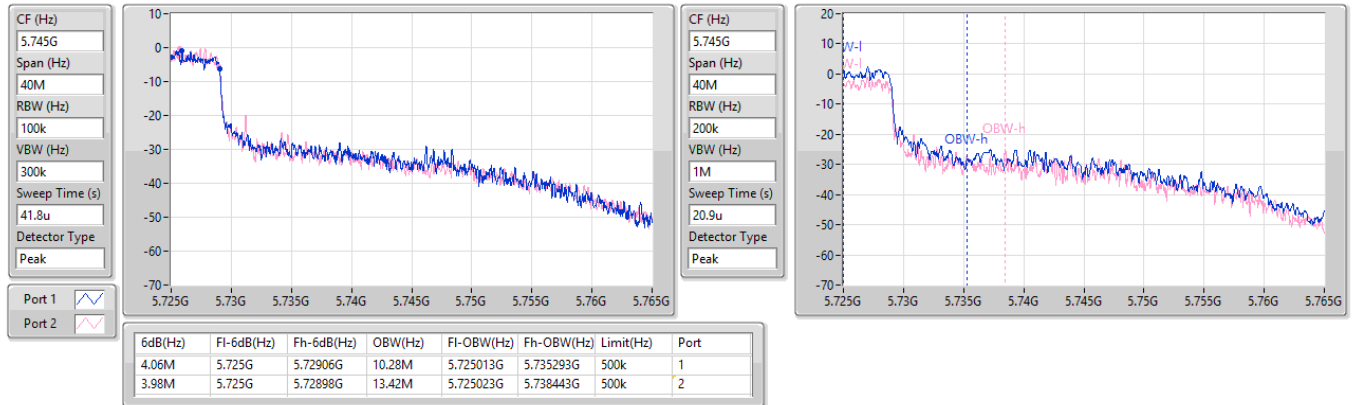

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

29/12/2025

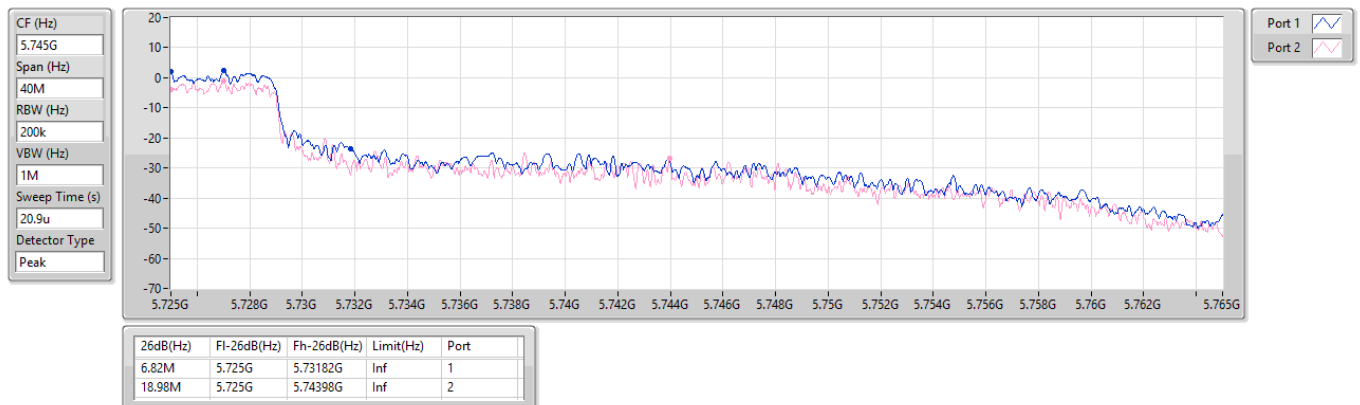


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

29/12/2025

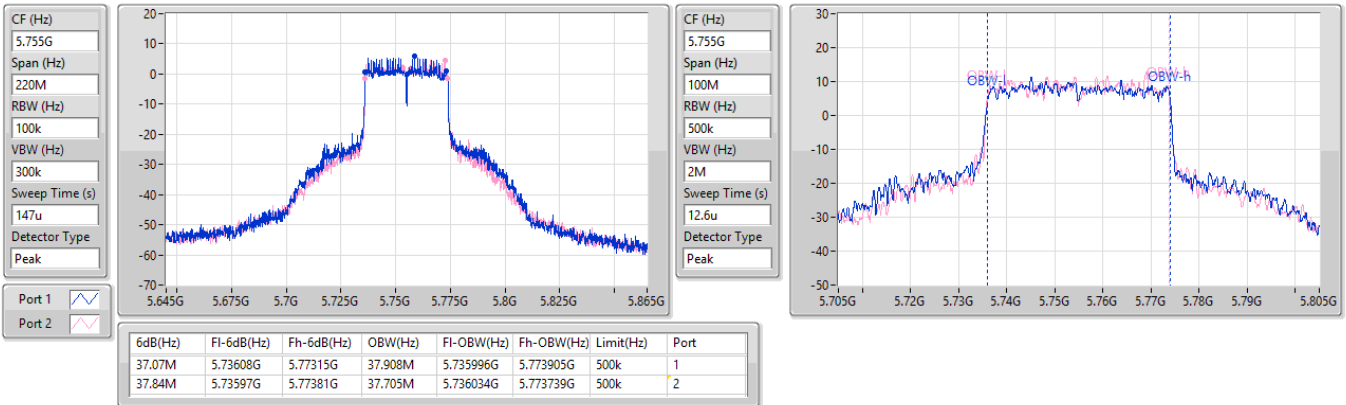

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EBW
5710MHz Straddle 5.725-5.85GHz

29/12/2025

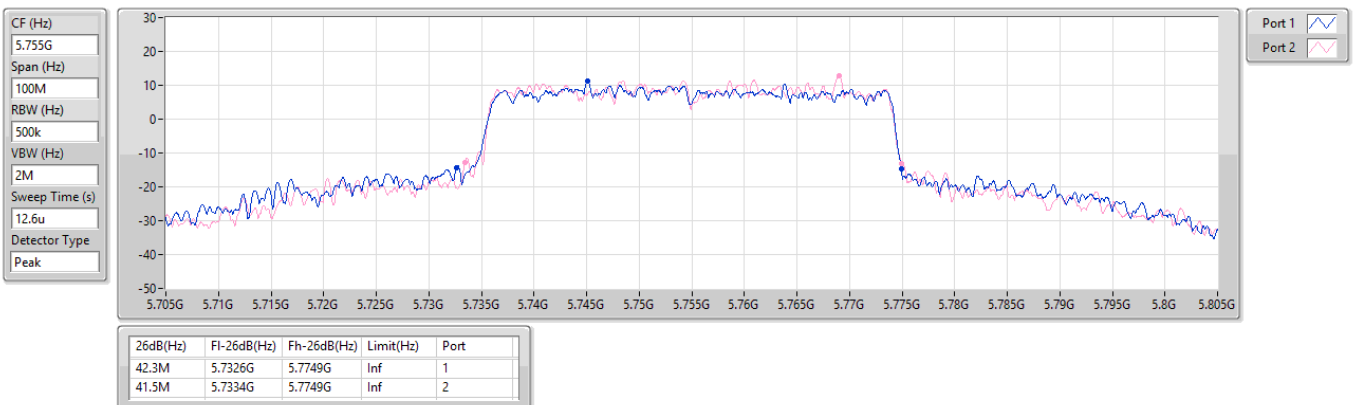


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

29/12/2025

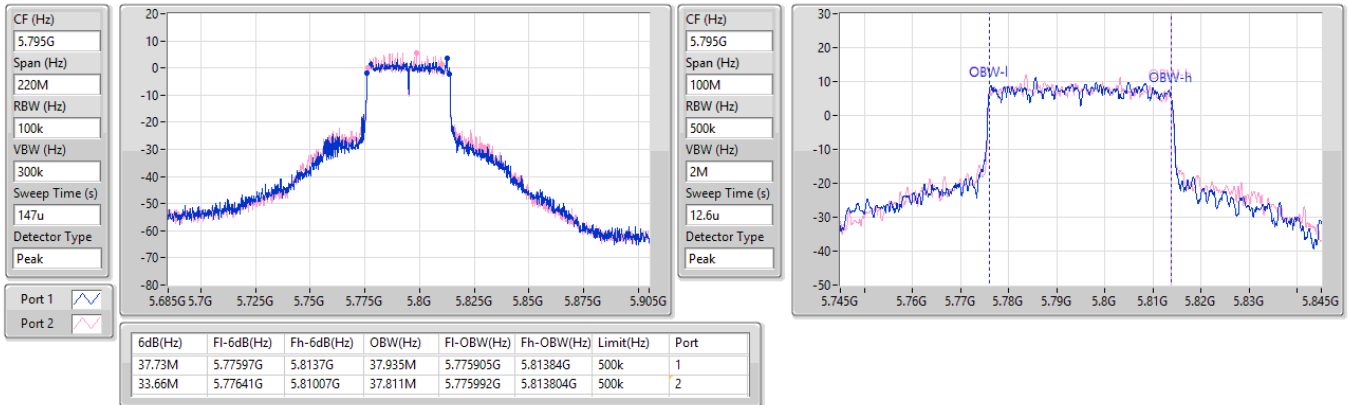

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

29/12/2025

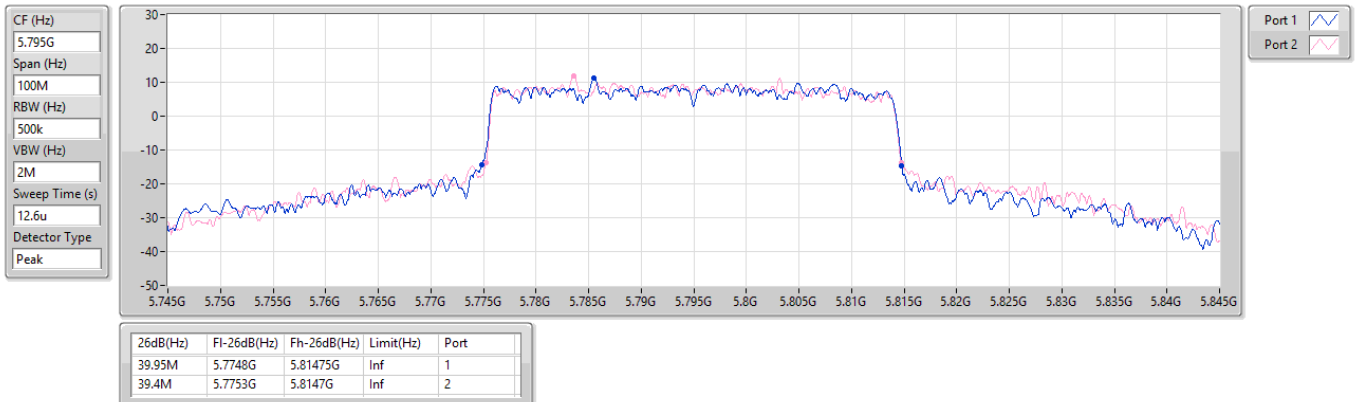


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

29/12/2025

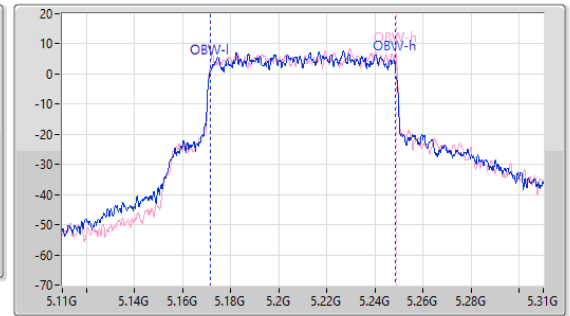
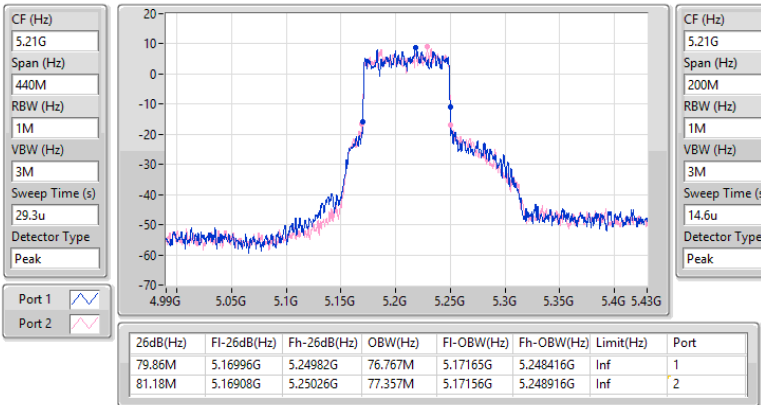

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

29/12/2025

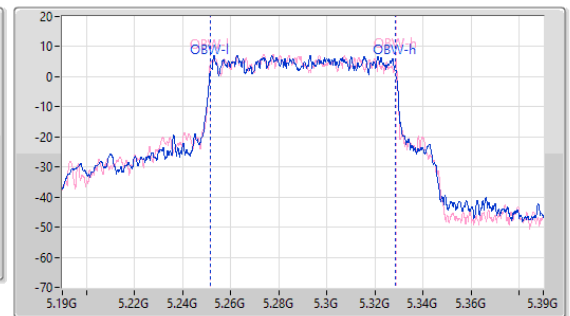
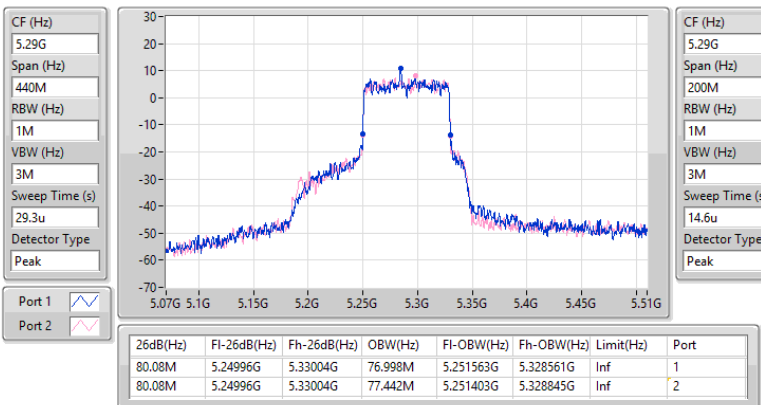


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

29/12/2025

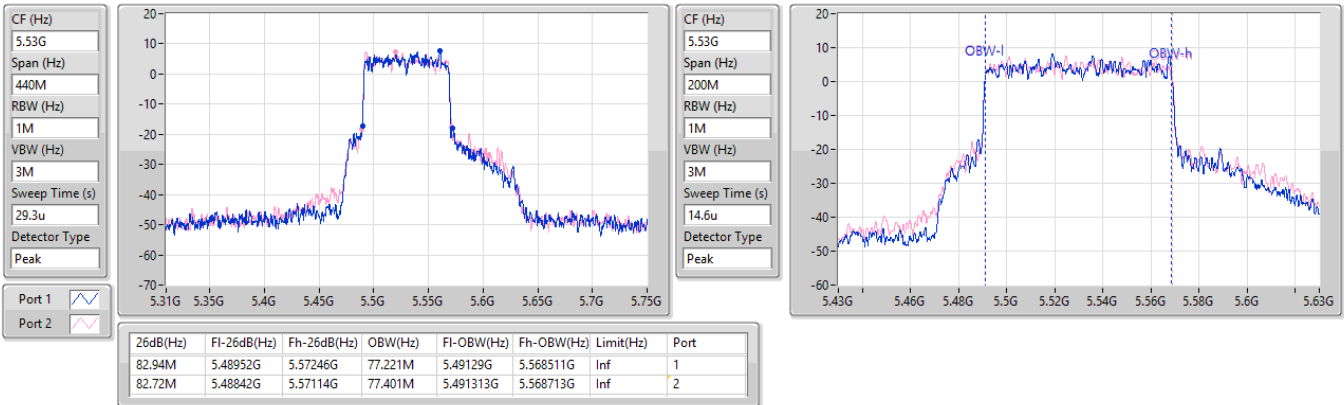

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

29/12/2025

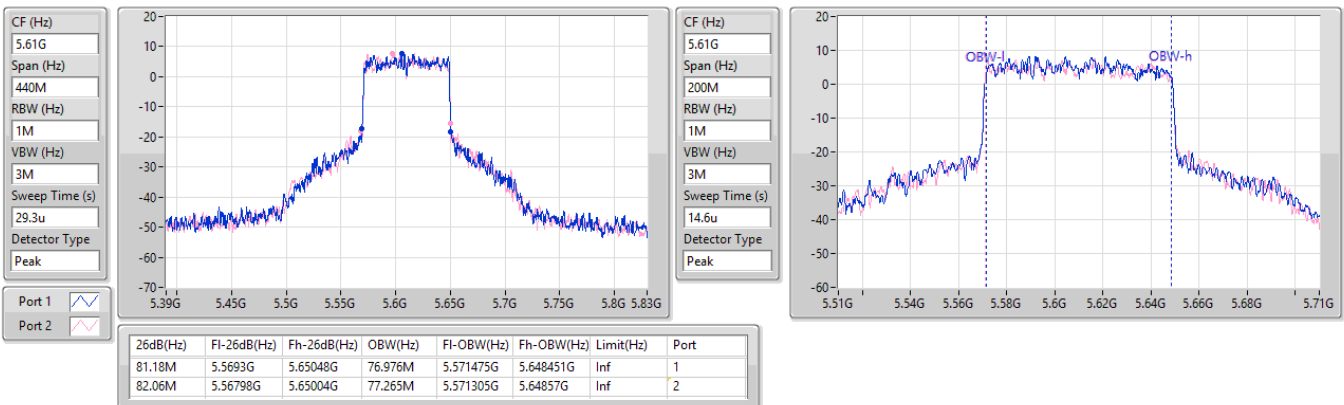


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

29/12/2025

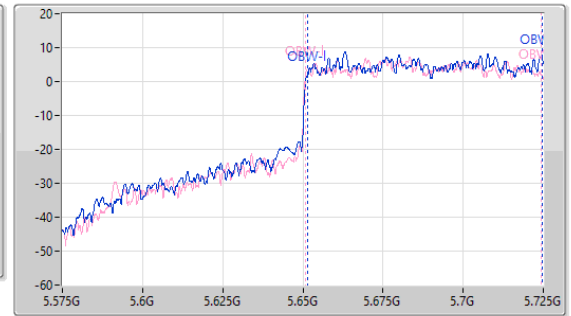
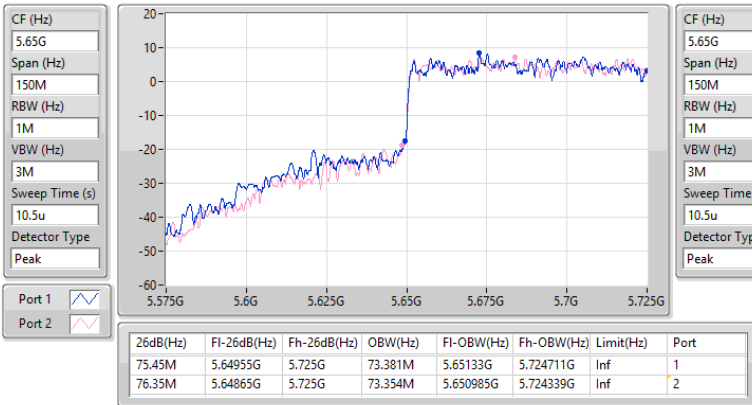

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

29/12/2025

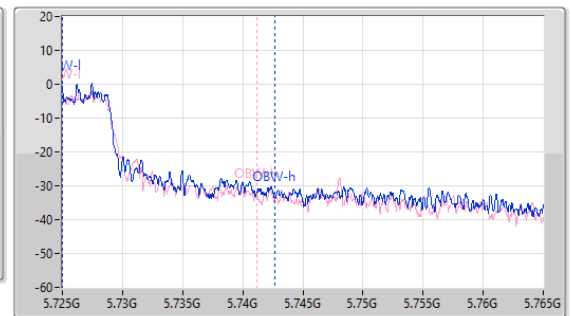
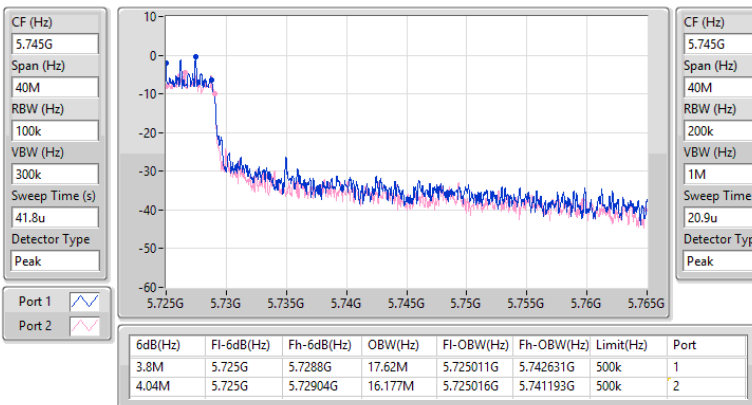


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

29/12/2025

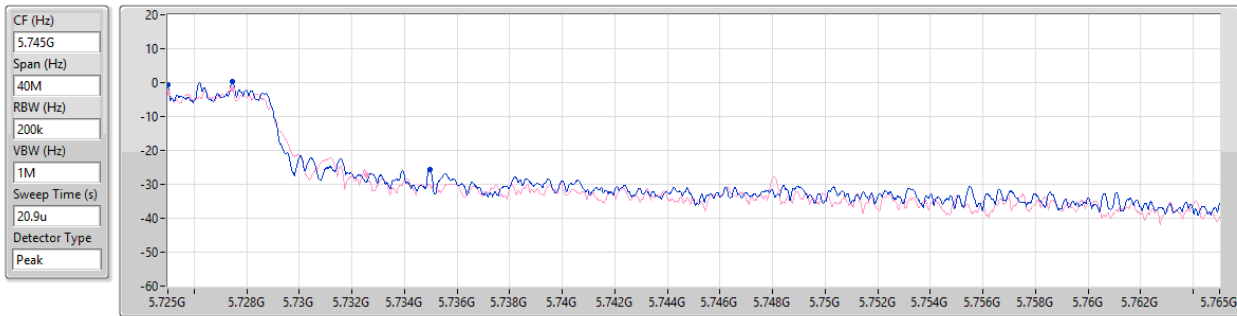

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

29/12/2025



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

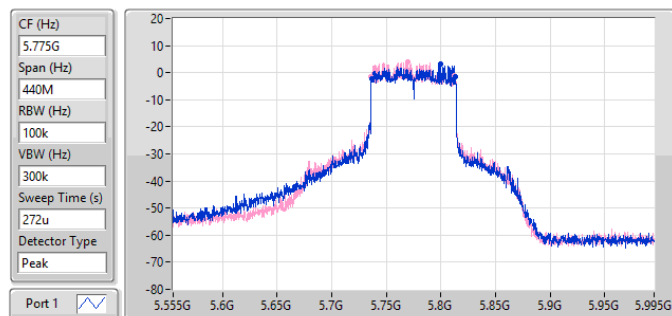
29/12/2025



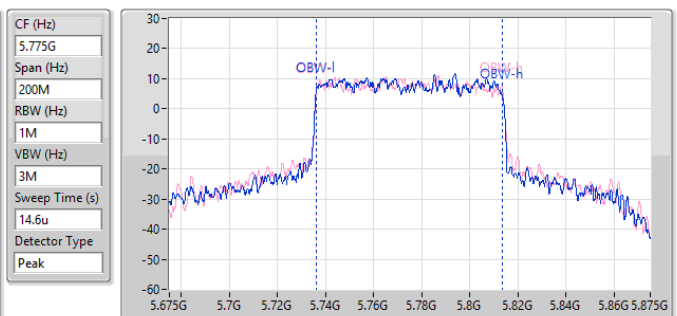
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
9.96M	5.725G	5.73496G	Inf	1
7.54M	5.725G	5.73254G	Inf	2

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

29/12/2025

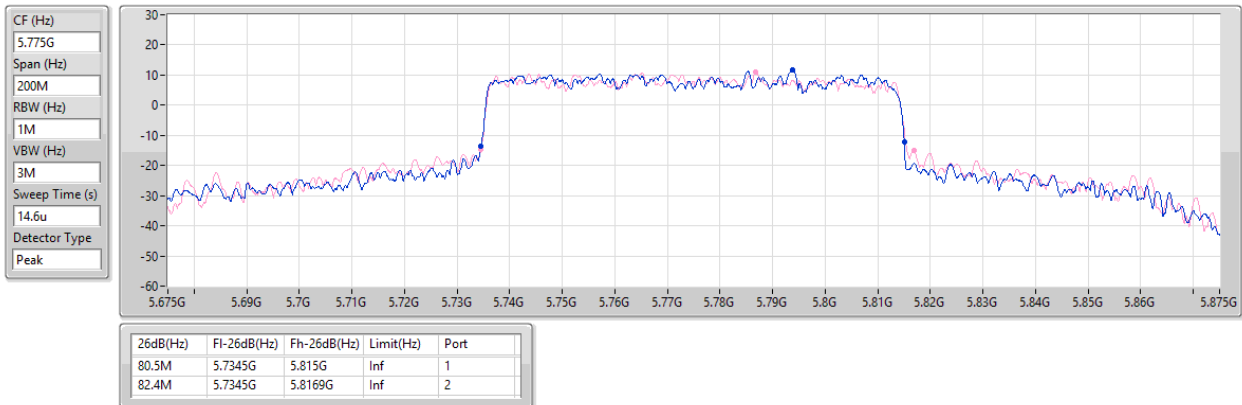


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.12M	5.73672G	5.81284G	77.073M	5.736207G	5.813279G	500k	1
76.34M	5.73628G	5.81262G	77.214M	5.73631G	5.813525G	500k	2

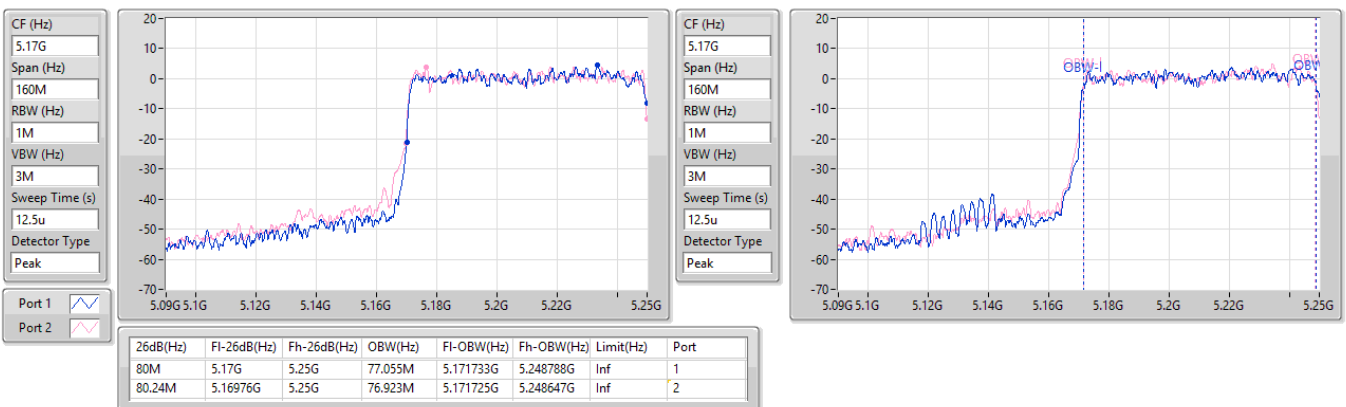


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

29/12/2025

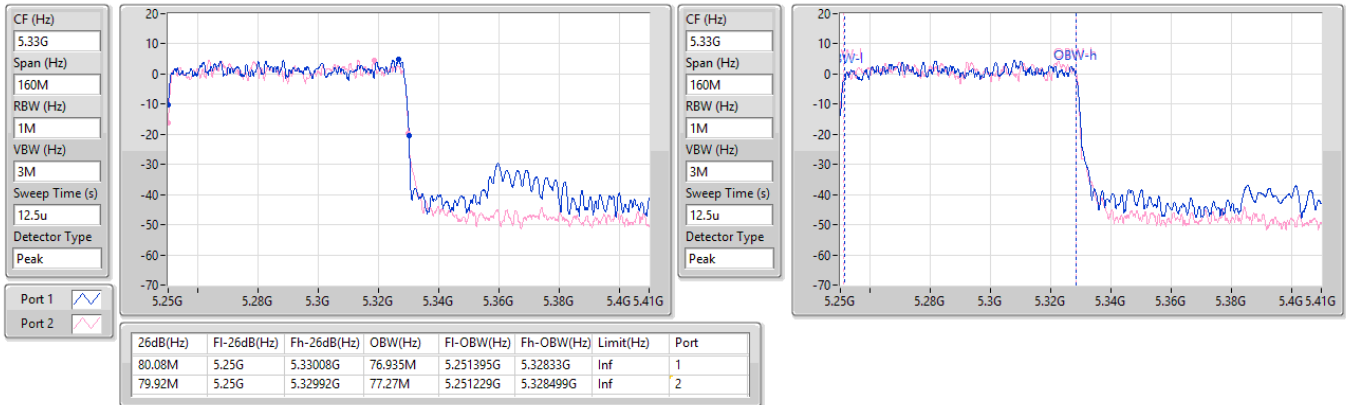

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

29/12/2025

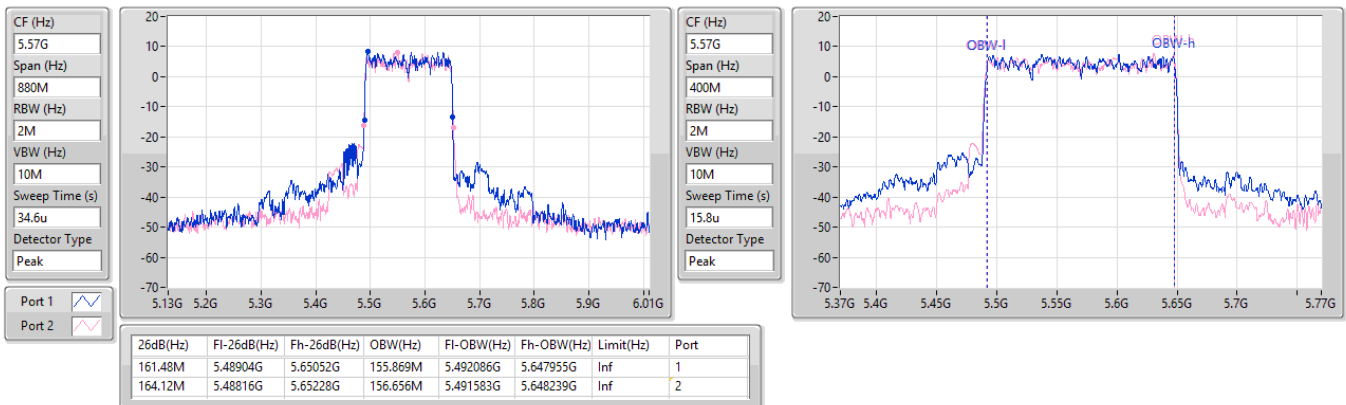


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

29/12/2025


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5570MHz

30/12/2025



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.45	0.27861
802.11be EHT20_Nss1,(MCS0)_2TX	24.65	0.29174
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.65	0.29174
802.11be EHT40_Nss1,(MCS0)_2TX	23.85	0.24266
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.85	0.24266
802.11be EHT80_Nss1,(MCS0)_2TX	22.66	0.18450
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.66	0.18450
802.11be EHT160_Nss1,(MCS0)_2TX	17.06	0.05082
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.06	0.05082
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.94	0.24774
802.11be EHT20_Nss1,(MCS0)_2TX	23.87	0.24378
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.87	0.24378
802.11be EHT40_Nss1,(MCS0)_2TX	23.95	0.24831
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.95	0.24831
802.11be EHT80_Nss1,(MCS0)_2TX	22.55	0.17989
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.55	0.17989
802.11be EHT160_Nss1,(MCS0)_2TX	17.48	0.05598
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.48	0.05598
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.95	0.24831
802.11be EHT20_Nss1,(MCS0)_2TX	23.80	0.23988
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.80	0.23988
802.11be EHT40_Nss1,(MCS0)_2TX	23.88	0.24434
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.88	0.24434
802.11be EHT80_Nss1,(MCS0)_2TX	23.63	0.23067
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.63	0.23067
802.11be EHT160_Nss1,(MCS0)_2TX	21.37	0.13709
802.11be EHT160-BF_Nss1,(MCS0)_2TX	21.37	0.13709
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.09	0.32285
802.11be EHT20_Nss1,(MCS0)_2TX	25.66	0.36813
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.66	0.36813
802.11be EHT40_Nss1,(MCS0)_2TX	24.38	0.27416
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.38	0.27416
802.11be EHT80_Nss1,(MCS0)_2TX	24.01	0.25177
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.01	0.25177

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.39	20.94	20.77	23.87	30.00
5200MHz	Pass	4.39	21.19	21.10	24.16	30.00
5240MHz	Pass	4.39	21.48	21.40	24.45	30.00
5260MHz	Pass	3.95	21.02	20.47	23.76	23.98
5300MHz	Pass	3.95	21.26	20.58	23.94	23.98
5320MHz	Pass	3.95	21.02	20.61	23.83	23.98
5500MHz	Pass	4.78	21.05	20.83	23.95	23.98
5580MHz	Pass	4.78	20.77	20.71	23.75	23.98
5700MHz	Pass	4.78	17.11	17.14	20.14	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.78	19.56	19.56	22.57	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	4.27	13.50	13.46	16.49	30.00
5745MHz	Pass	4.27	22.23	21.91	25.08	30.00
5785MHz	Pass	4.27	22.32	21.82	25.09	30.00
5825MHz	Pass	4.27	21.22	20.84	24.04	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.39	21.09	21.05	24.08	30.00
5200MHz	Pass	4.39	21.25	21.15	24.21	30.00
5240MHz	Pass	4.39	21.66	21.62	24.65	30.00
5260MHz	Pass	3.95	21.02	20.56	23.81	23.98
5300MHz	Pass	3.95	21.15	20.54	23.87	23.98
5320MHz	Pass	3.95	20.98	20.62	23.81	23.98
5500MHz	Pass	4.78	20.84	20.73	23.80	23.98
5580MHz	Pass	4.78	20.74	20.78	23.77	23.98
5700MHz	Pass	4.78	15.85	16.19	19.03	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.78	19.50	19.63	22.58	23.12
5720MHz Straddle 5.725-5.85GHz	Pass	4.27	14.51	14.57	17.55	30.00
5745MHz	Pass	4.27	22.85	22.45	25.66	30.00
5785MHz	Pass	4.27	22.48	22.13	25.32	30.00
5825MHz	Pass	4.27	21.37	20.86	24.13	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.39	20.30	20.20	23.26	30.00
5230MHz	Pass	4.39	20.93	20.74	23.85	30.00
5270MHz	Pass	3.95	20.99	20.89	23.95	23.98
5310MHz	Pass	3.95	20.89	20.66	23.79	23.98
5510MHz	Pass	4.78	20.81	20.85	23.84	23.98
5550MHz	Pass	4.78	20.89	20.84	23.88	23.98
5670MHz	Pass	4.78	20.66	20.93	23.81	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.78	20.45	20.69	23.58	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.27	10.82	11.10	13.97	30.00
5755MHz	Pass	4.27	21.34	21.40	24.38	30.00
5795MHz	Pass	4.27	20.80	20.90	23.86	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.39	19.65	19.64	22.66	30.00
5290MHz	Pass	3.95	19.80	19.26	22.55	23.98
5530MHz	Pass	4.78	20.31	20.54	23.44	23.98
5610MHz	Pass	4.78	20.45	20.78	23.63	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.78	20.41	20.71	23.57	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.27	7.01	7.24	10.14	30.00
5775MHz	Pass	4.27	21.03	20.97	24.01	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.39	14.04	14.05	17.06	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.95	14.43	14.51	17.48	23.98
5570MHz	Pass	4.78	18.27	18.44	21.37	23.98
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-



Average Power_Test Mode: Mode 1

Appendix C.1

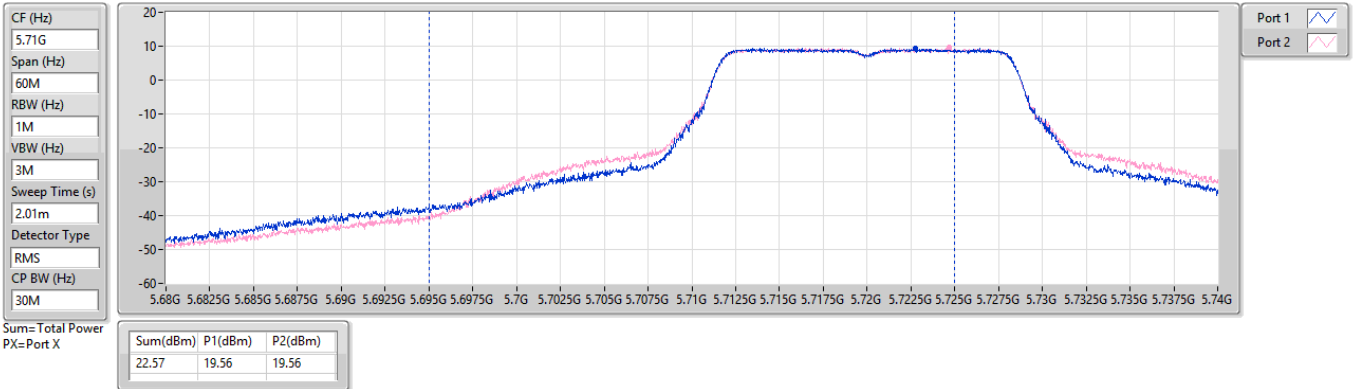
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5180MHz	Pass	5.58	21.09	21.05	24.08	30.00
5200MHz	Pass	5.58	21.25	21.15	24.21	30.00
5240MHz	Pass	5.58	21.66	21.62	24.65	30.00
5260MHz	Pass	5.59	21.02	20.56	23.81	23.98
5300MHz	Pass	5.59	21.15	20.54	23.87	23.98
5320MHz	Pass	5.59	20.98	20.62	23.81	23.98
5500MHz	Pass	5.98	20.84	20.73	23.80	23.98
5580MHz	Pass	5.98	20.74	20.78	23.77	23.98
5700MHz	Pass	5.98	15.85	16.19	19.03	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.98	19.50	19.63	22.58	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.92	14.51	14.57	17.55	30.00
5745MHz	Pass	5.92	22.85	22.45	25.66	30.00
5785MHz	Pass	5.92	22.48	22.13	25.32	30.00
5825MHz	Pass	5.92	21.37	20.86	24.13	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.58	20.30	20.20	23.26	30.00
5230MHz	Pass	5.58	20.93	20.74	23.85	30.00
5270MHz	Pass	5.59	20.99	20.89	23.95	23.98
5310MHz	Pass	5.59	20.89	20.66	23.79	23.98
5510MHz	Pass	5.98	20.81	20.85	23.84	23.98
5550MHz	Pass	5.98	20.89	20.84	23.88	23.98
5670MHz	Pass	5.98	20.66	20.93	23.81	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.98	20.45	20.69	23.58	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.92	10.82	11.10	13.97	30.00
5755MHz	Pass	5.92	21.34	21.40	24.38	30.00
5795MHz	Pass	5.92	20.80	20.90	23.86	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.58	19.65	19.64	22.66	30.00
5290MHz	Pass	5.59	19.80	19.26	22.55	23.98
5530MHz	Pass	5.98	20.31	20.54	23.44	23.98
5610MHz	Pass	5.98	20.45	20.78	23.63	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.98	20.41	20.71	23.57	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.92	7.01	7.24	10.14	30.00
5775MHz	Pass	5.92	21.03	20.97	24.01	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.58	14.04	14.05	17.06	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.59	14.43	14.51	17.48	23.98
5570MHz	Pass	5.98	18.27	18.44	21.37	23.98

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

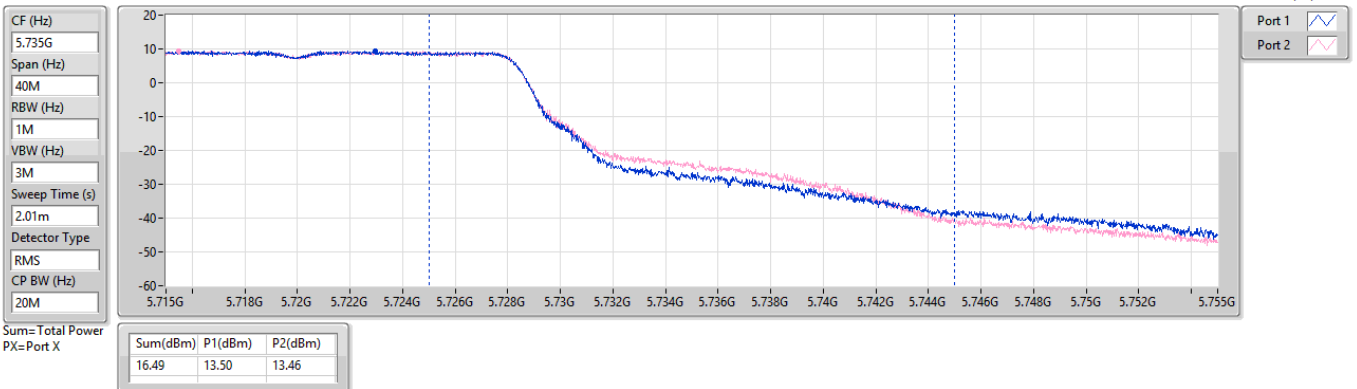
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

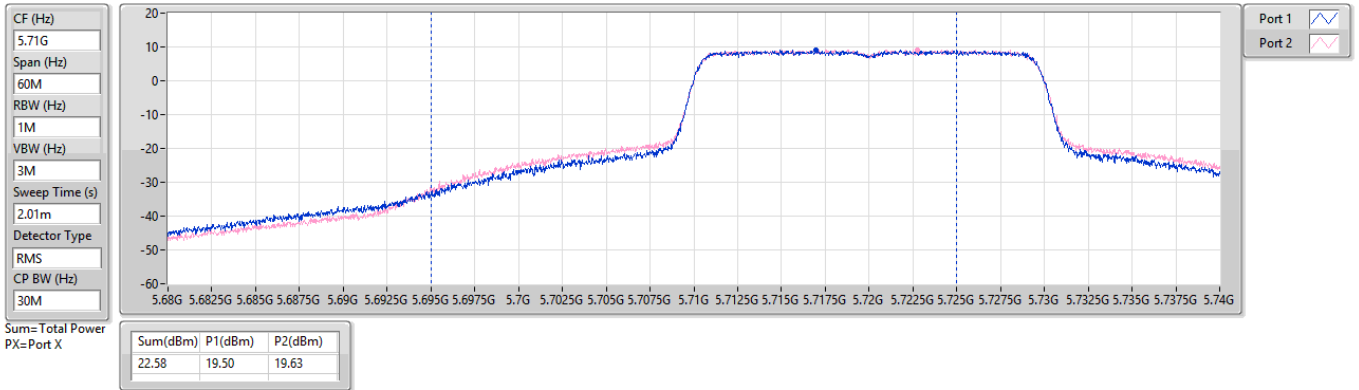
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

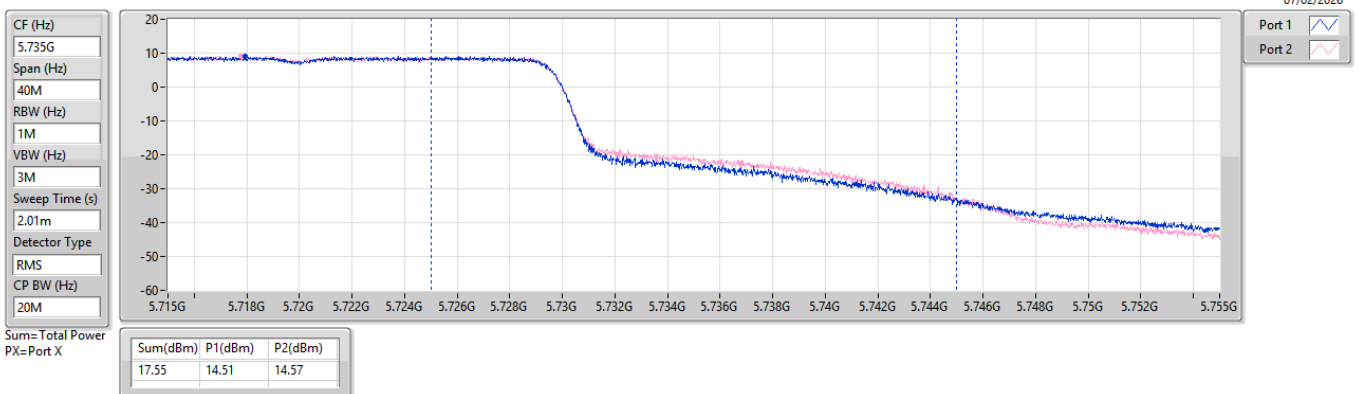
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

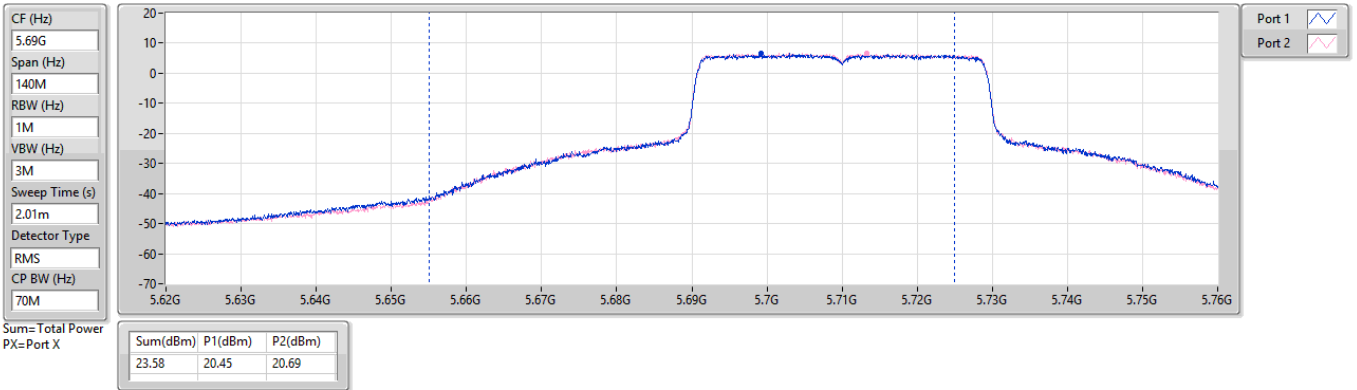
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

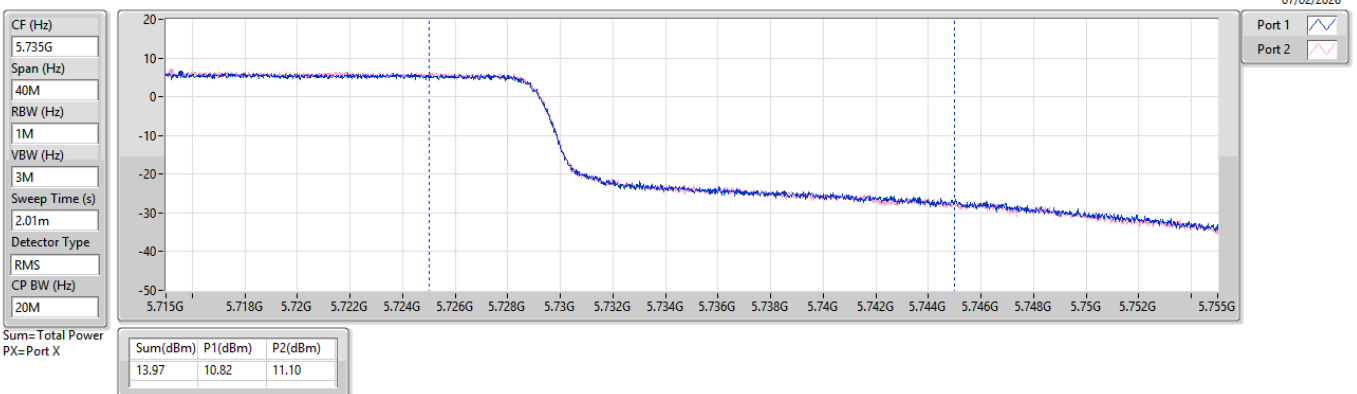
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

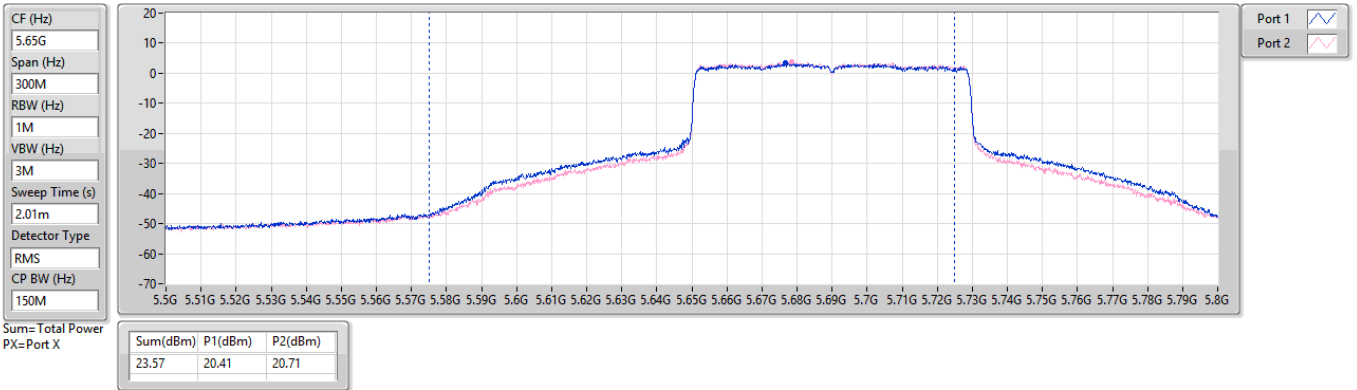
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

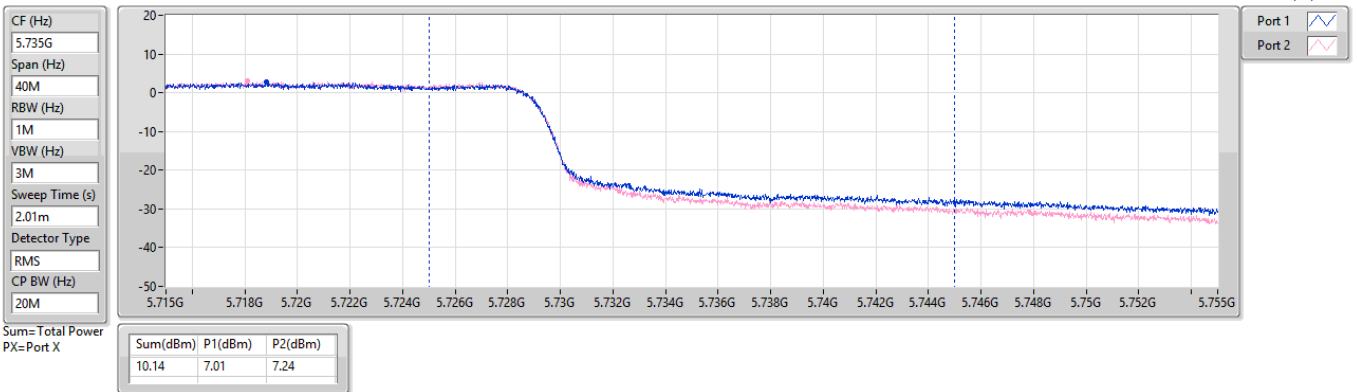
5690MHz Straddle 5.47-5.725GHz_TX

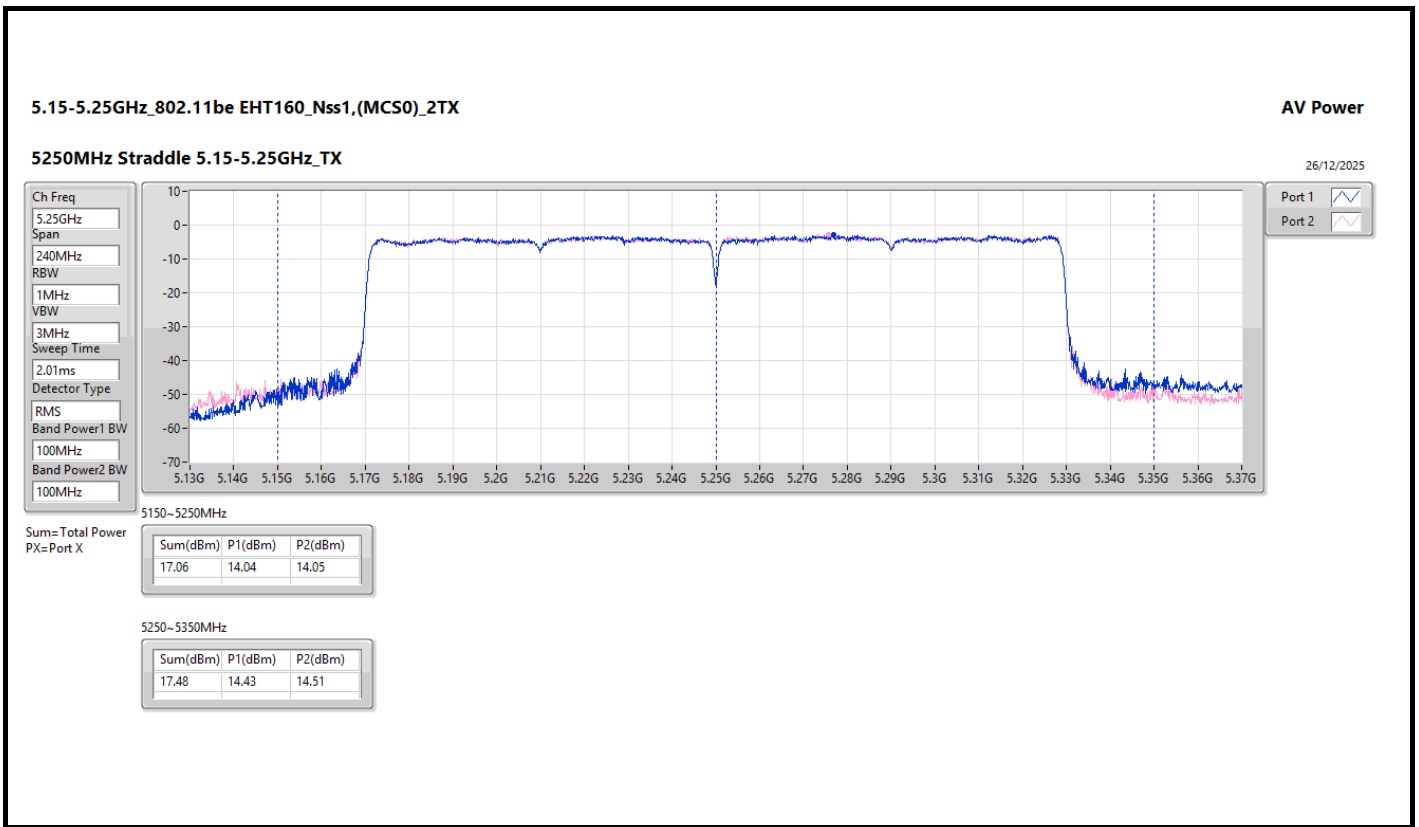


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.17	0.10399	23.69	0.23388
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.49	0.11194	24.56	0.28576
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.09	0.12853	25.28	0.33729
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.54	0.11324	25.55	0.35892

Result

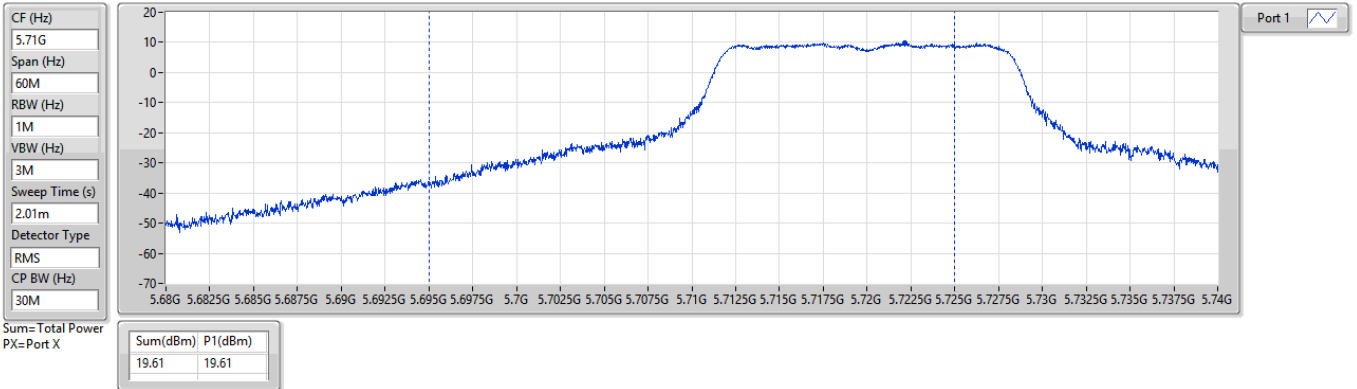
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.52	17.97	17.97	30.00	21.49	Inf
5200MHz	Pass	3.52	20.01	20.01	30.00	23.53	Inf
5240MHz	Pass	3.52	20.17	20.17	30.00	23.69	Inf
5260MHz	Pass	4.07	20.30	20.30	23.98	24.37	Inf
5300MHz	Pass	4.07	20.49	20.49	23.98	24.56	Inf
5320MHz	Pass	4.07	16.88	16.88	23.98	20.95	Inf
5500MHz	Pass	4.19	19.58	19.58	23.98	23.77	Inf
5580MHz	Pass	4.19	21.09	21.09	23.98	25.28	Inf
5700MHz	Pass	4.19	17.74	17.74	23.98	21.93	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	4.19	19.61	19.61	23.53	23.80	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	14.21	14.21	30.00	19.22	Inf
5745MHz	Pass	5.01	20.54	20.54	30.00	25.55	Inf
5785MHz	Pass	5.01	20.24	20.24	30.00	25.25	Inf
5825MHz	Pass	5.01	20.42	20.42	30.00	25.43	Inf

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)_1TX

AV Power

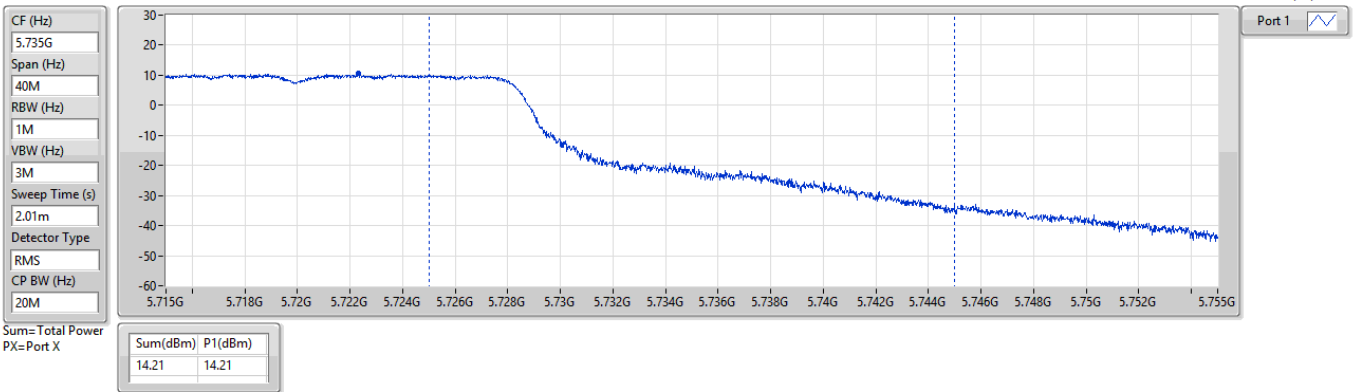
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.93	0.24717
802.11be EHT20_Nss1,(MCS0)_2TX	24.12	0.25823
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.12	0.25823
802.11be EHT40_Nss1,(MCS0)_2TX	23.88	0.24434
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.88	0.24434
802.11be EHT80_Nss1,(MCS0)_2TX	20.64	0.11588
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.64	0.11588
802.11be EHT160_Nss1,(MCS0)_2TX	17.00	0.05012
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.00	0.05012
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.50	0.11220
802.11be EHT20_Nss1,(MCS0)_2TX	20.40	0.10965
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.40	0.10965
802.11be EHT40_Nss1,(MCS0)_2TX	20.54	0.11324
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.54	0.11324
802.11be EHT80_Nss1,(MCS0)_2TX	20.49	0.11194
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.49	0.11194
802.11be EHT160_Nss1,(MCS0)_2TX	17.45	0.05559
802.11be EHT160-BF_Nss1,(MCS0)_2TX	17.45	0.05559
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.53	0.11298
802.11be EHT20_Nss1,(MCS0)_2TX	20.48	0.11169
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.48	0.11169
802.11be EHT40_Nss1,(MCS0)_2TX	20.52	0.11272
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.52	0.11272
802.11be EHT80_Nss1,(MCS0)_2TX	20.55	0.11350
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.55	0.11350
802.11be EHT160_Nss1,(MCS0)_2TX	20.56	0.11376
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.56	0.11376
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.10	0.32359
802.11be EHT20_Nss1,(MCS0)_2TX	25.41	0.34754
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.41	0.34754
802.11be EHT40_Nss1,(MCS0)_2TX	24.30	0.26915
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.30	0.26915
802.11be EHT80_Nss1,(MCS0)_2TX	24.12	0.25823
802.11be EHT80-BF_Nss1,(MCS0)_2TX	24.12	0.25823

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.50	20.35	20.52	23.45	26.50
5200MHz	Pass	9.50	20.65	20.49	23.58	26.50
5240MHz	Pass	9.50	20.89	20.94	23.93	26.50
5260MHz	Pass	9.40	17.40	17.38	20.40	20.58
5300MHz	Pass	9.40	17.38	17.20	20.30	20.58
5320MHz	Pass	9.40	17.54	17.44	20.50	20.58
5500MHz	Pass	9.40	17.51	17.53	20.53	20.58
5580MHz	Pass	9.40	17.45	17.56	20.52	20.58
5700MHz	Pass	9.40	15.54	14.94	18.26	20.58
5720MHz Straddle 5.47-5.725GHz	Pass	9.40	16.53	16.10	19.33	19.55
5720MHz Straddle 5.725-5.85GHz	Pass	9.40	10.34	10.12	13.24	26.60
5745MHz	Pass	9.40	21.91	22.26	25.10	26.60
5785MHz	Pass	9.40	21.47	21.65	24.57	26.60
5825MHz	Pass	9.40	20.73	20.66	23.71	26.60
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.50	20.48	20.69	23.60	26.50
5200MHz	Pass	9.50	20.60	20.70	23.66	26.50
5240MHz	Pass	9.50	21.03	21.19	24.12	26.50
5260MHz	Pass	9.40	17.24	17.48	20.37	20.58
5300MHz	Pass	9.40	17.28	17.50	20.40	20.58
5320MHz	Pass	9.40	17.33	17.38	20.37	20.58
5500MHz	Pass	9.40	16.06	16.04	19.06	20.58
5580MHz	Pass	9.40	17.40	17.53	20.48	20.58
5700MHz	Pass	9.40	15.52	15.06	18.31	20.58
5720MHz Straddle 5.47-5.725GHz	Pass	9.40	16.62	16.39	19.52	19.54
5720MHz Straddle 5.725-5.85GHz	Pass	9.40	11.50	11.30	14.41	26.60
5745MHz	Pass	9.40	22.36	22.43	25.41	26.60
5785MHz	Pass	9.40	21.93	21.84	24.90	26.60
5825MHz	Pass	9.40	20.79	20.88	23.85	26.60
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.50	17.62	17.88	20.76	26.50
5230MHz	Pass	9.50	20.76	20.97	23.88	26.50
5270MHz	Pass	9.40	17.21	17.72	20.48	20.58
5310MHz	Pass	9.40	17.24	17.81	20.54	20.58
5510MHz	Pass	9.40	17.40	17.62	20.52	20.58
5550MHz	Pass	9.40	17.31	17.38	20.36	20.58
5670MHz	Pass	9.40	17.74	17.26	20.52	20.58
5710MHz Straddle 5.47-5.725GHz	Pass	9.40	17.45	17.49	20.48	20.58
5710MHz Straddle 5.725-5.85GHz	Pass	9.40	7.87	7.86	10.88	26.60
5755MHz	Pass	9.40	21.15	21.43	24.30	26.60
5795MHz	Pass	9.40	20.77	21.00	23.90	26.60
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.50	17.45	17.81	20.64	26.50
5290MHz	Pass	9.40	17.38	17.57	20.49	20.58
5530MHz	Pass	9.40	17.30	17.33	20.33	20.58
5610MHz	Pass	9.40	17.67	17.41	20.55	20.58
5690MHz Straddle 5.47-5.725GHz	Pass	9.40	17.47	17.26	20.38	20.58
5690MHz Straddle 5.725-5.85GHz	Pass	9.40	4.05	3.83	6.95	26.60
5775MHz	Pass	9.40	21.16	21.06	24.12	26.60
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.50	13.98	13.99	17.00	26.50
5250MHz Straddle 5.25-5.35GHz	Pass	9.40	14.39	14.49	17.45	20.58
5570MHz	Pass	9.40	17.63	17.46	20.56	20.58
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-

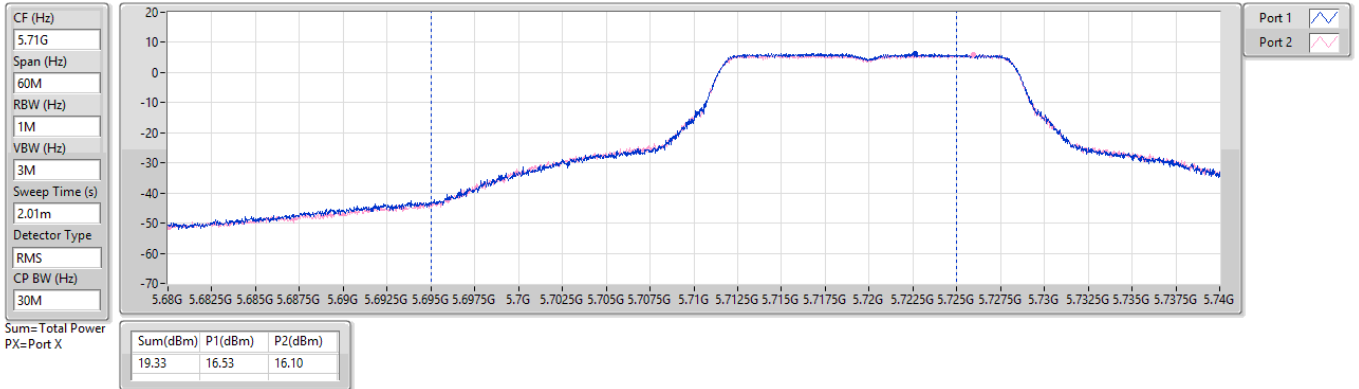
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5180MHz	Pass	9.50	20.48	20.69	23.60	26.50
5200MHz	Pass	9.50	20.60	20.70	23.66	26.50
5240MHz	Pass	9.50	21.03	21.19	24.12	26.50
5260MHz	Pass	9.40	17.24	17.48	20.37	20.58
5300MHz	Pass	9.40	17.28	17.50	20.40	20.58
5320MHz	Pass	9.40	17.33	17.38	20.37	20.58
5500MHz	Pass	9.40	16.06	16.04	19.06	20.58
5580MHz	Pass	9.40	17.40	17.53	20.48	20.58
5700MHz	Pass	9.40	15.52	15.06	18.31	20.58
5720MHz Straddle 5.47-5.725GHz	Pass	9.40	16.62	16.39	19.52	20.58
5720MHz Straddle 5.725-5.85GHz	Pass	9.40	11.50	11.30	14.41	26.60
5745MHz	Pass	9.40	22.36	22.43	25.41	26.60
5785MHz	Pass	9.40	21.93	21.84	24.90	26.60
5825MHz	Pass	9.40	20.79	20.88	23.85	26.60
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.50	17.62	17.88	20.76	26.50
5230MHz	Pass	9.50	20.76	20.97	23.88	26.50
5270MHz	Pass	9.40	17.21	17.72	20.48	20.58
5310MHz	Pass	9.40	17.24	17.81	20.54	20.58
5510MHz	Pass	9.40	17.40	17.62	20.52	20.58
5550MHz	Pass	9.40	17.31	17.38	20.36	20.58
5670MHz	Pass	9.40	17.74	17.26	20.52	20.58
5710MHz Straddle 5.47-5.725GHz	Pass	9.40	17.45	17.49	20.48	20.58
5710MHz Straddle 5.725-5.85GHz	Pass	9.40	7.87	7.86	10.88	26.60
5755MHz	Pass	9.40	21.15	21.43	24.30	26.60
5795MHz	Pass	9.40	20.77	21.00	23.90	26.60
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.50	17.45	17.81	20.64	26.50
5290MHz	Pass	9.40	17.38	17.57	20.49	20.58
5530MHz	Pass	9.40	17.30	17.33	20.33	20.58
5610MHz	Pass	9.40	17.67	17.41	20.55	20.58
5690MHz Straddle 5.47-5.725GHz	Pass	9.40	17.47	17.26	20.38	20.58
5690MHz Straddle 5.725-5.85GHz	Pass	9.40	4.05	3.83	6.95	26.60
5775MHz	Pass	9.40	21.16	21.06	24.12	26.60
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.50	13.98	13.99	17.00	26.50
5250MHz Straddle 5.25-5.35GHz	Pass	9.40	14.39	14.49	17.45	20.58
5570MHz	Pass	9.40	17.63	17.46	20.56	20.58

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

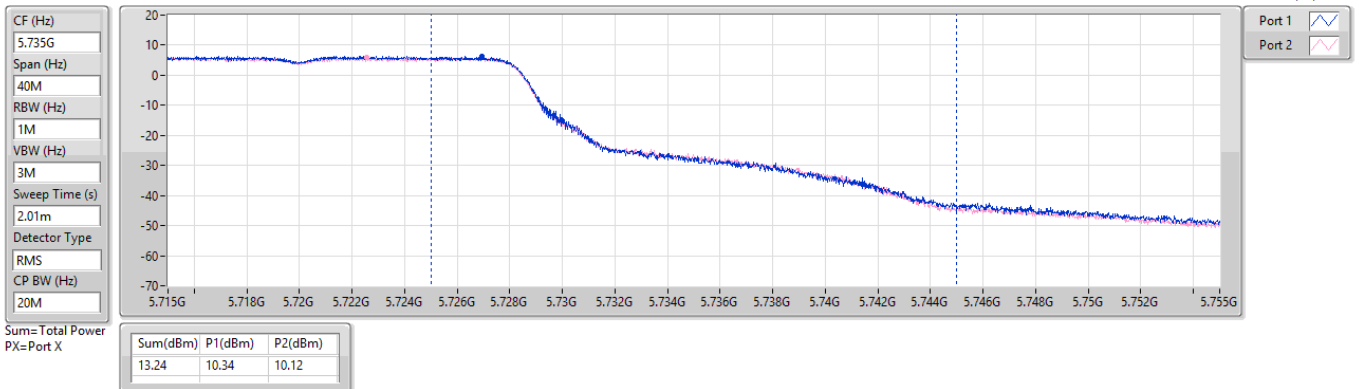
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

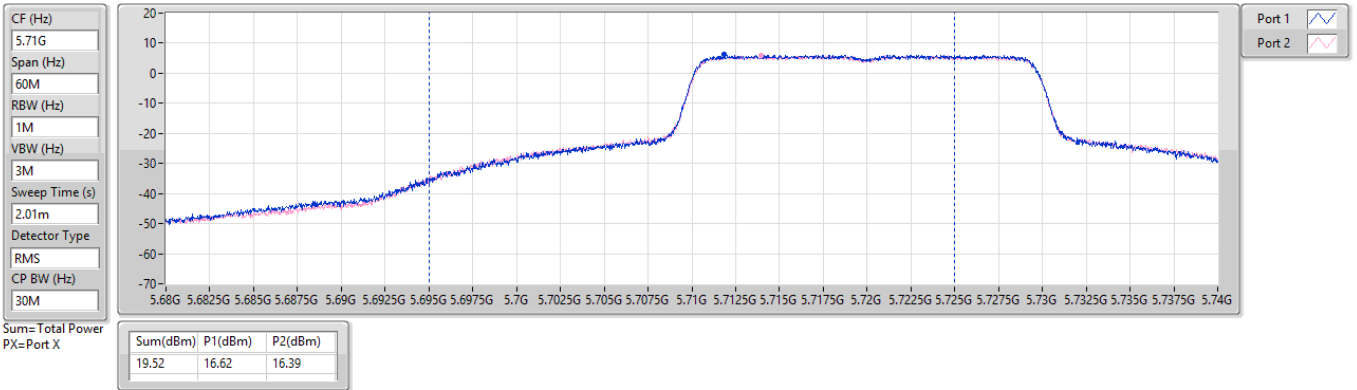
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

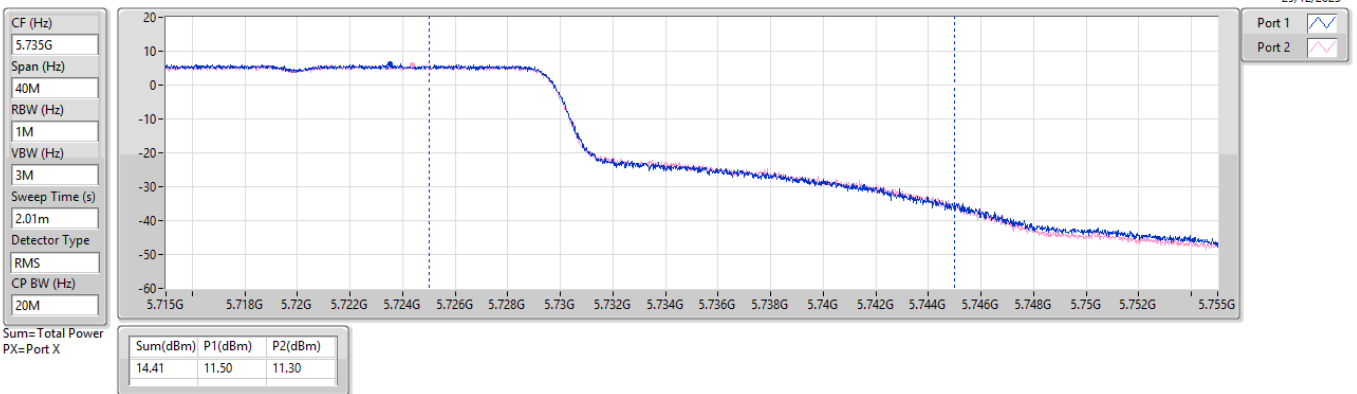
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

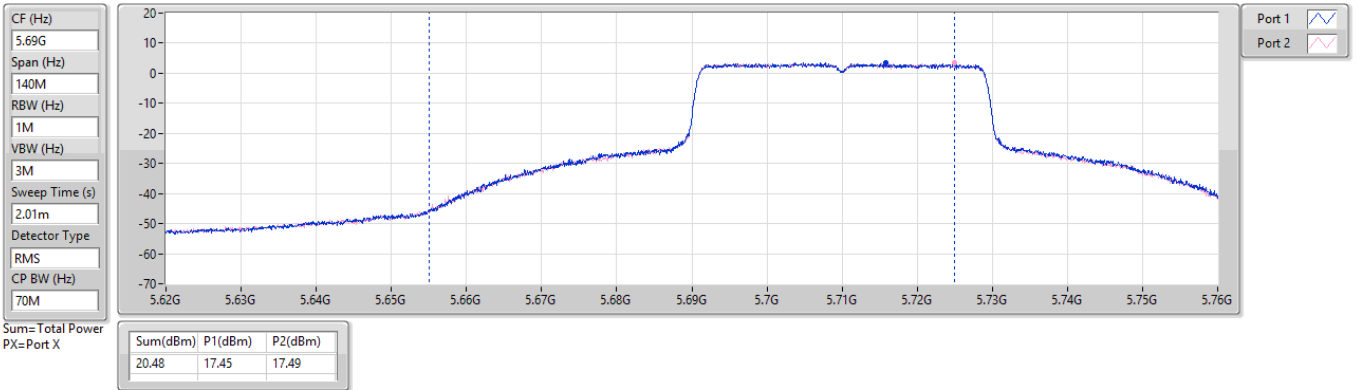
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

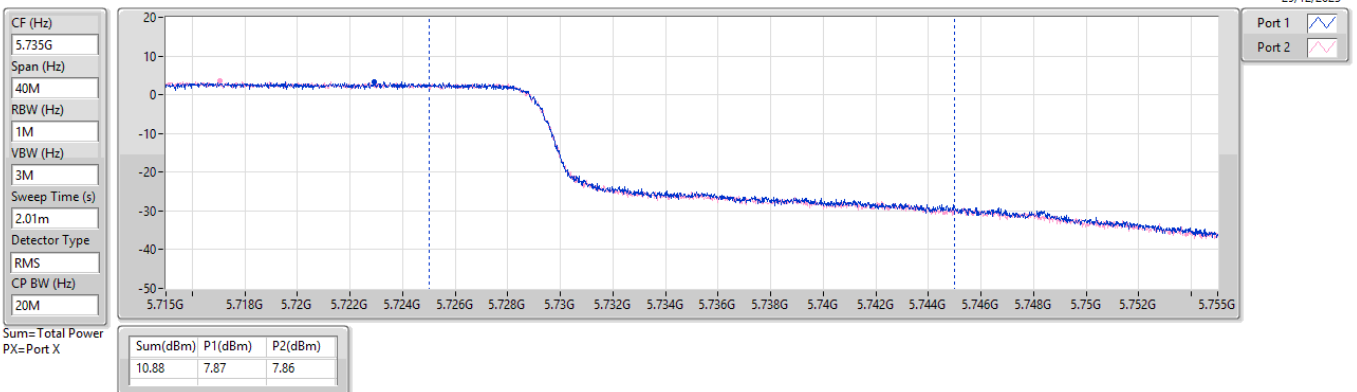
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

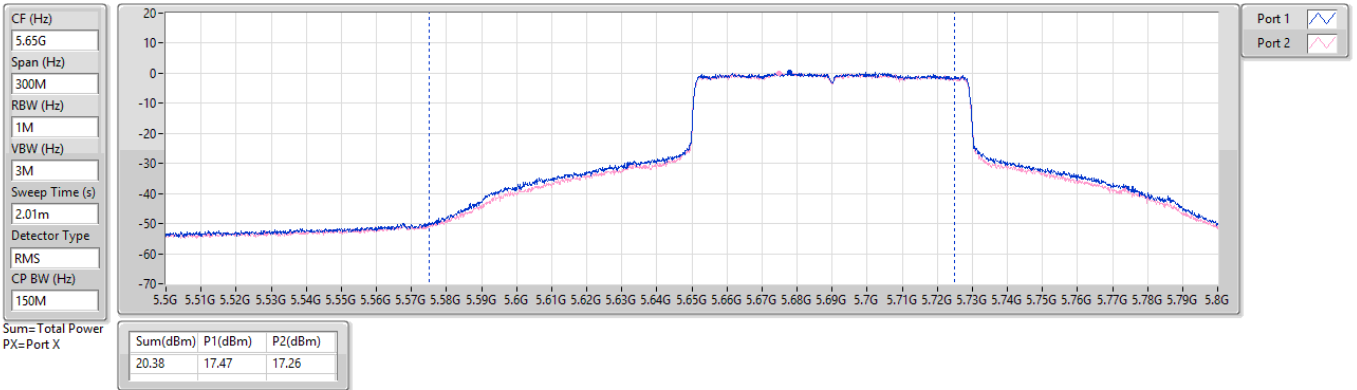
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

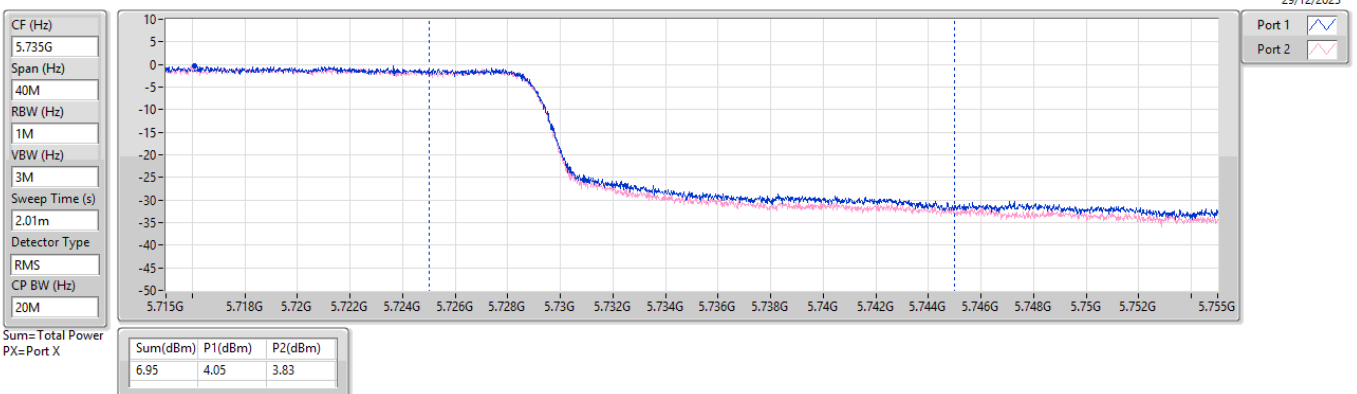
5690MHz Straddle 5.47-5.725GHz_TX

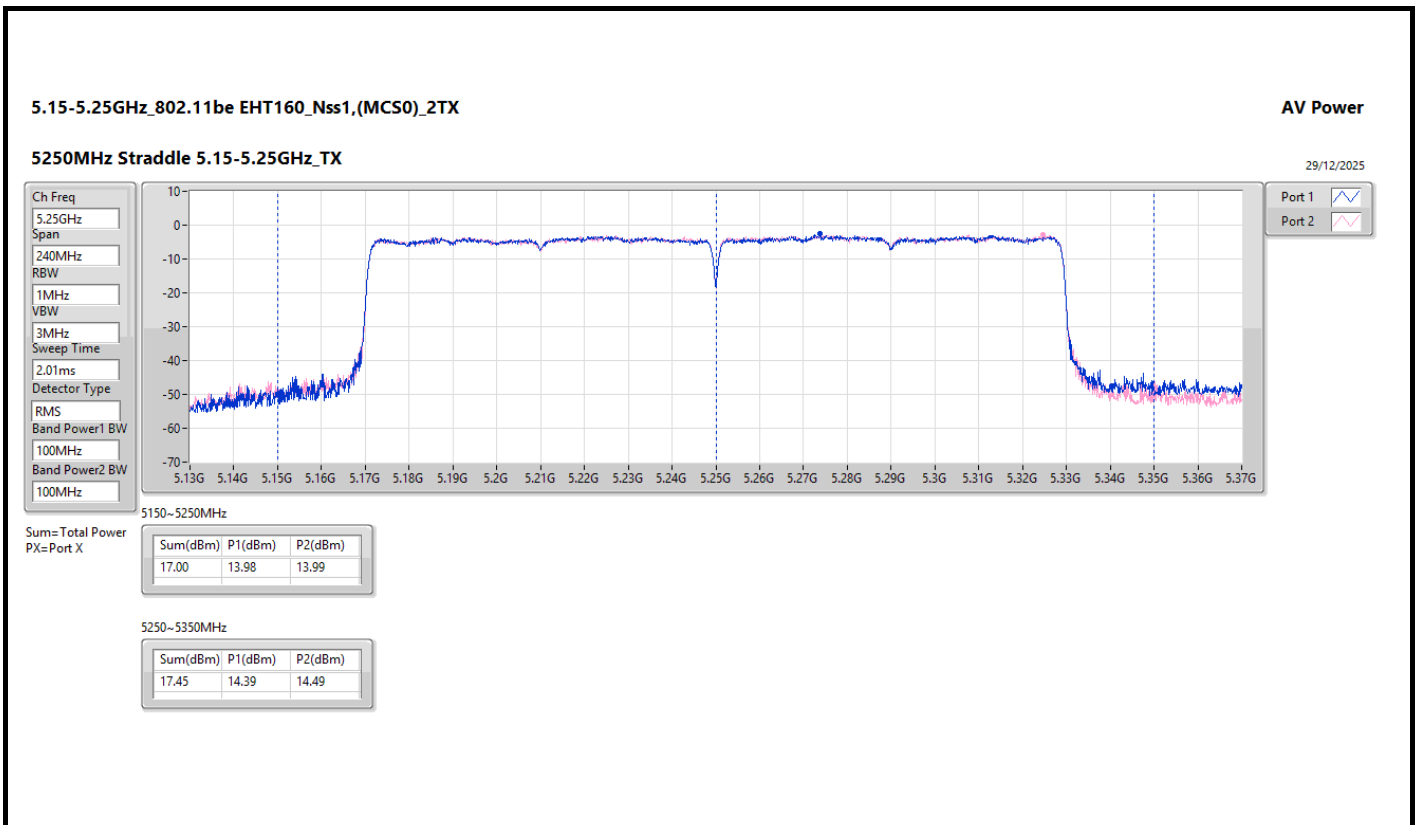


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





TPC Test Result												
Band	Mode	BW (MHz)	Freq. (MHz)	GUI Setting	Output Power(dBm)			Gain (dBi)	EIRP (dBm)	Delta (dB)	Limit (dB)	Result
					Port 1	Port 2	Total					
UNII 2A	802.11be	20	5300	25dBm	14.74	14.62	17.69	9.4	27.09	14.14	> 6	Pass
				0dBm	0.57	0.52	3.56	9.4	12.96			
UNII 2C		20	5500	25dBm	15.01	14.77	17.90	9.4	27.30	15.31	> 6	Pass
				0dBm	-0.53	-0.3	2.60	9.4	12.00			
UNII 2A		160	5250	25dBm	13.01	12.69	15.86	9.4	25.26	16.29	> 6	Pass
				0dBm	-3.45	-3.42	-0.42	9.4	8.98			
UNII 2C		160	5570	25dBm	15.17	14.98	18.09	9.4	27.49	17.01	> 6	Pass
				0dBm	-2.11	-1.76	1.08	9.4	10.48			

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.35
802.11be EHT20_Nss1,(MCS0)_2TX	10.68
802.11be EHT40_Nss1,(MCS0)_2TX	7.19
802.11be EHT80_Nss1,(MCS0)_2TX	3.51
802.11be EHT160_Nss1,(MCS0)_2TX	-2.18
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.79
802.11be EHT20_Nss1,(MCS0)_2TX	9.87
802.11be EHT40_Nss1,(MCS0)_2TX	7.24
802.11be EHT80_Nss1,(MCS0)_2TX	3.24
802.11be EHT160_Nss1,(MCS0)_2TX	-1.76
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.81
802.11be EHT20_Nss1,(MCS0)_2TX	10.07
802.11be EHT40_Nss1,(MCS0)_2TX	7.48
802.11be EHT80_Nss1,(MCS0)_2TX	4.34
802.11be EHT160_Nss1,(MCS0)_2TX	-0.57
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.46
802.11be EHT20_Nss1,(MCS0)_2TX	9.98
802.11be EHT40_Nss1,(MCS0)_2TX	6.26
802.11be EHT80_Nss1,(MCS0)_2TX	3.43

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.58	7.87	7.75	10.80	17.00
5200MHz	Pass	5.58	8.17	8.12	11.00	17.00
5240MHz	Pass	5.58	8.39	8.35	11.35	17.00
5260MHz	Pass	5.59	7.90	7.41	10.60	11.00
5300MHz	Pass	5.59	8.23	7.52	10.79	11.00
5320MHz	Pass	5.59	7.96	7.77	10.70	11.00
5500MHz	Pass	5.98	7.88	7.70	10.64	11.00
5580MHz	Pass	5.98	8.07	7.88	10.81	11.00
5700MHz	Pass	5.98	3.80	3.70	6.68	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.98	7.58	7.61	10.41	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.92	5.90	5.95	8.78	30.00
5745MHz	Pass	5.92	8.02	6.96	10.46	30.00
5785MHz	Pass	5.92	7.66	6.53	10.01	30.00
5825MHz	Pass	5.92	6.57	5.63	9.05	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.58	7.18	7.15	10.14	17.00
5200MHz	Pass	5.58	7.43	7.23	10.32	17.00
5240MHz	Pass	5.58	7.72	7.73	10.68	17.00
5260MHz	Pass	5.59	7.23	6.61	9.87	11.00
5300MHz	Pass	5.59	7.19	6.55	9.86	11.00
5320MHz	Pass	5.59	6.95	6.76	9.82	11.00
5500MHz	Pass	5.98	6.81	6.88	9.81	11.00
5580MHz	Pass	5.98	6.71	6.73	9.64	11.00
5700MHz	Pass	5.98	1.79	2.14	4.93	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.98	7.03	7.08	10.07	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.92	5.42	5.46	8.39	30.00
5745MHz	Pass	5.92	7.45	6.57	9.98	30.00
5785MHz	Pass	5.92	6.93	6.27	9.52	30.00
5825MHz	Pass	5.92	5.95	5.42	8.60	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.58	3.68	3.60	6.64	17.00
5230MHz	Pass	5.58	4.30	4.22	7.19	17.00
5270MHz	Pass	5.59	4.33	4.17	7.20	11.00
5310MHz	Pass	5.59	4.45	4.08	7.24	11.00
5510MHz	Pass	5.98	4.10	4.09	7.08	11.00
5550MHz	Pass	5.98	4.19	4.33	7.24	11.00
5670MHz	Pass	5.98	3.89	4.19	7.03	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.98	4.31	4.78	7.48	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.92	2.43	2.85	5.66	30.00
5755MHz	Pass	5.92	3.26	3.30	6.26	30.00
5795MHz	Pass	5.92	2.82	2.93	5.81	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.58	0.61	0.43	3.51	17.00
5290MHz	Pass	5.59	0.61	0.01	3.24	11.00
5530MHz	Pass	5.98	1.07	1.29	4.18	11.00
5610MHz	Pass	5.98	1.16	1.50	4.28	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.98	1.18	1.50	4.34	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.92	-1.19	-1.00	1.92	30.00
5775MHz	Pass	5.92	0.48	0.39	3.43	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.58	-5.18	-5.19	-2.18	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.59	-4.87	-4.68	-1.76	11.00
5570MHz	Pass	5.98	-3.75	-3.35	-0.57	11.00

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

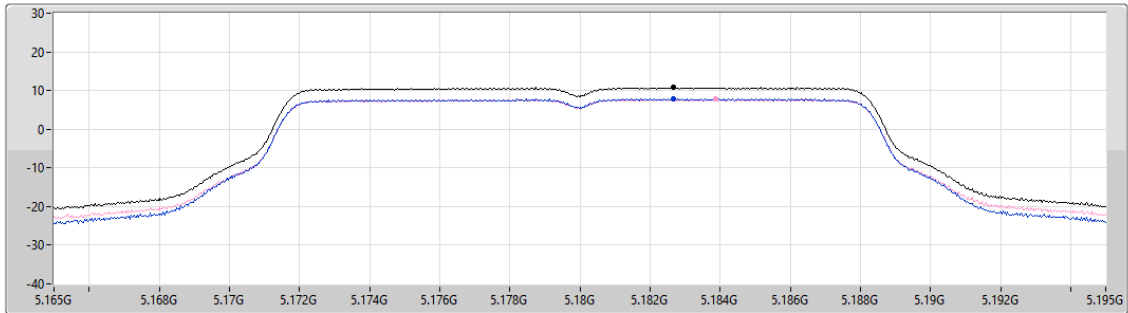
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

06/02/2026

CF (Hz)
5.18G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
21.796
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	7.87	7.75

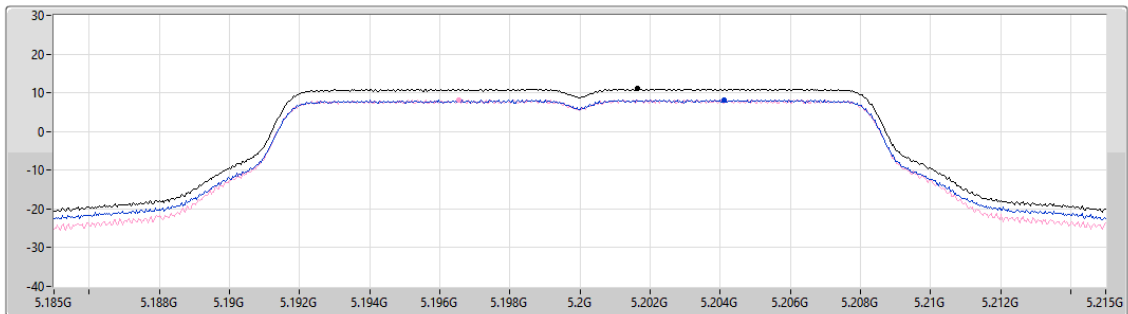
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

06/02/2026

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
21.796
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	8.17	8.12

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

PSD

5240MHz

06/02/2026

CF (Hz)
5.24G

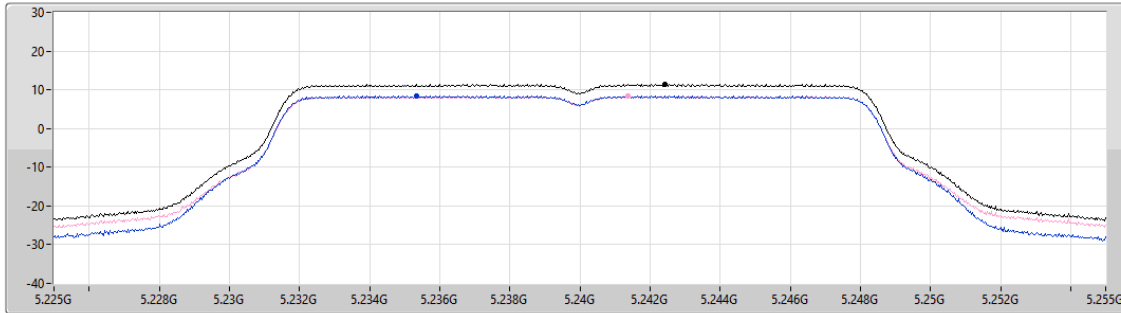
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.35	11.35	8.39	8.35

Sum ☒

Port 1 ☐

Port 2 ☐

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

PSD

5260MHz

06/02/2026

CF (Hz)
5.26G

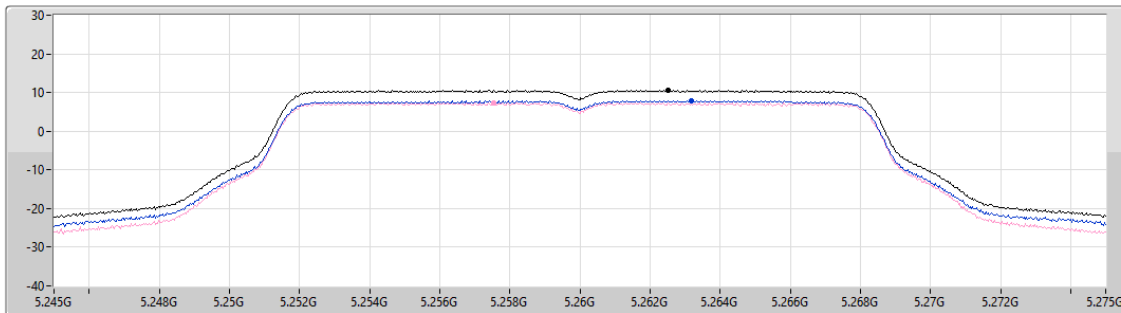
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.60	10.60	7.90	7.41

Sum ☒

Port 1 ☐

Port 2 ☐

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

PSD

5300MHz

06/02/2026

CF (Hz)
5.3G

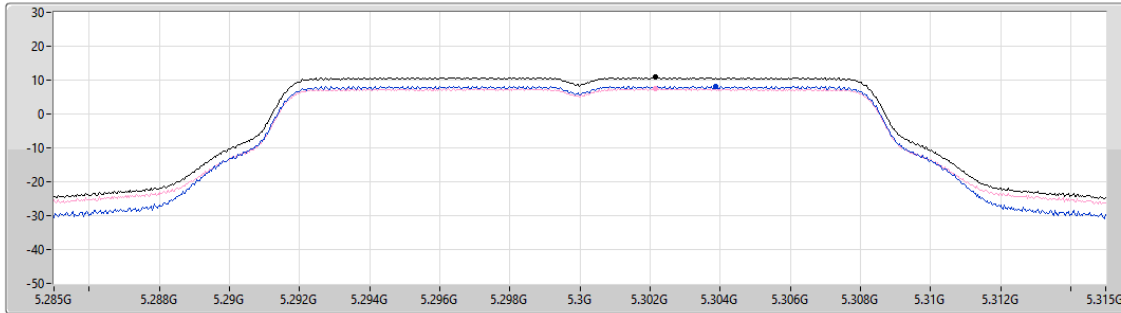
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.79	10.79	8.23	7.52

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

PSD

5320MHz

06/02/2026

CF (Hz)
5.32G

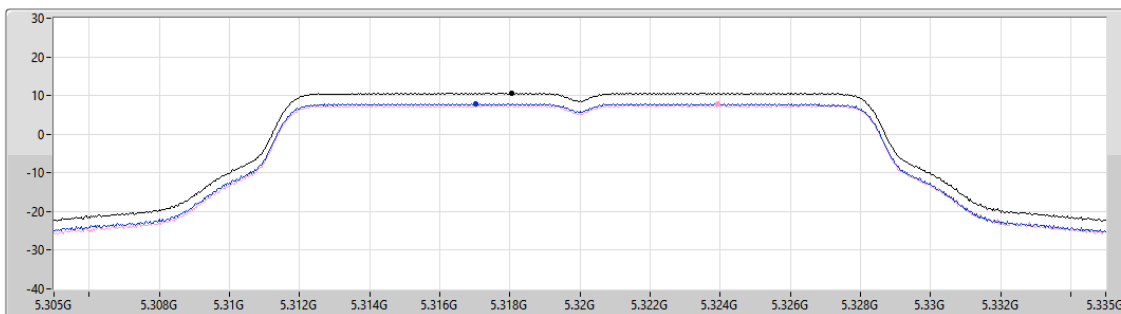
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.70	10.70	7.96	7.77

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

PSD

5500MHz

06/02/2026

CF (Hz)
5.5G

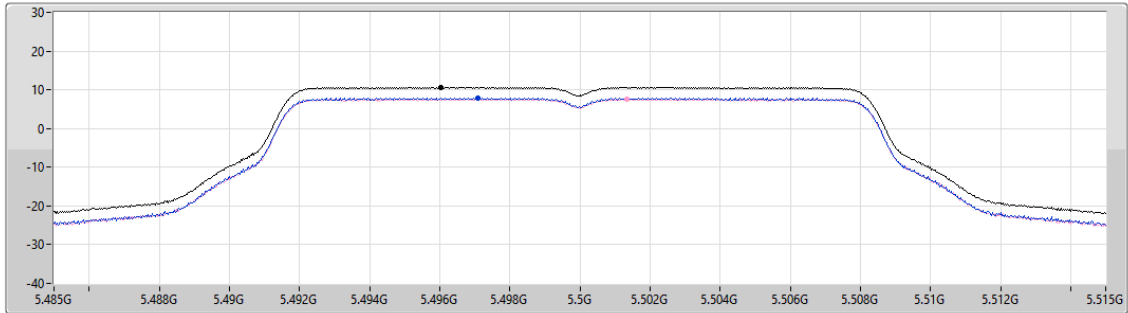
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.64	10.64	7.88	7.70

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

PSD

5580MHz

06/02/2026

CF (Hz)
5.58G

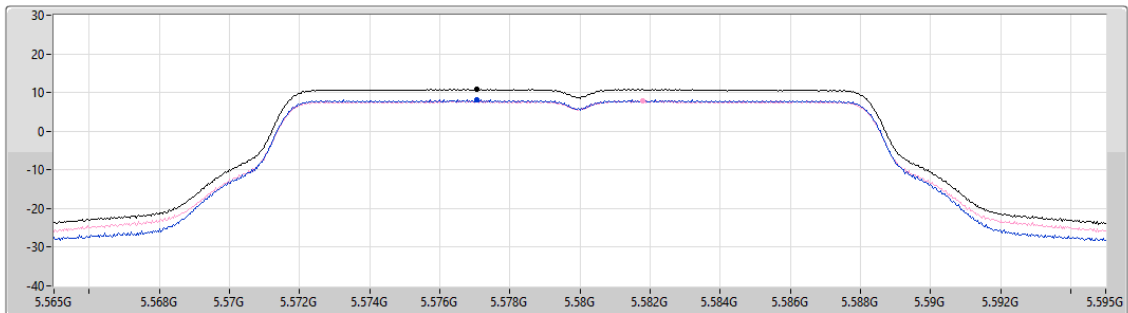
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.81	10.81	8.07	7.88

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

PSD

5700MHz

26/12/2025

CF (Hz)
5.7G

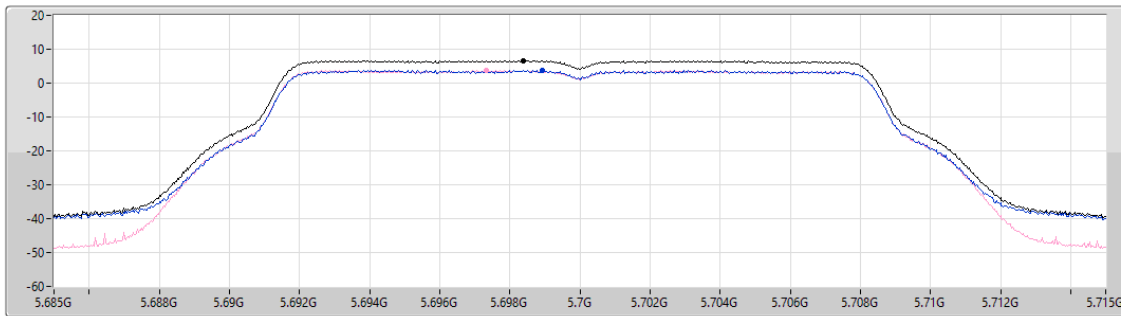
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.68	6.68	3.80	3.70

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

PSD

5720MHz Straddle 5.47-5.725GHz

06/02/2026

CF (Hz)
5.71G

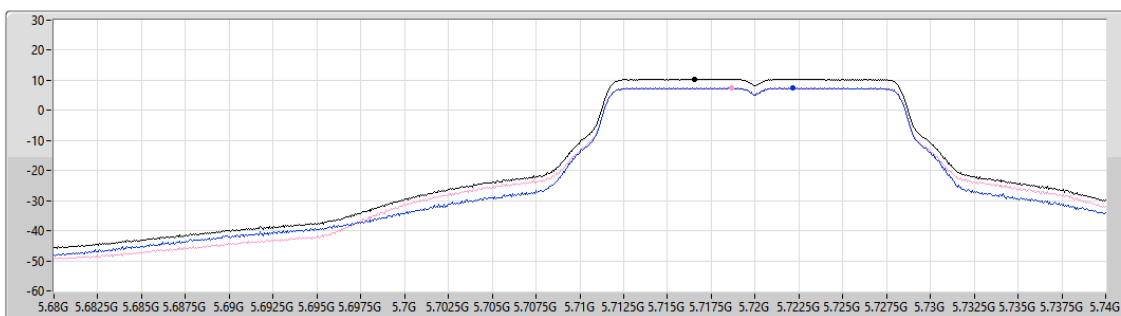
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

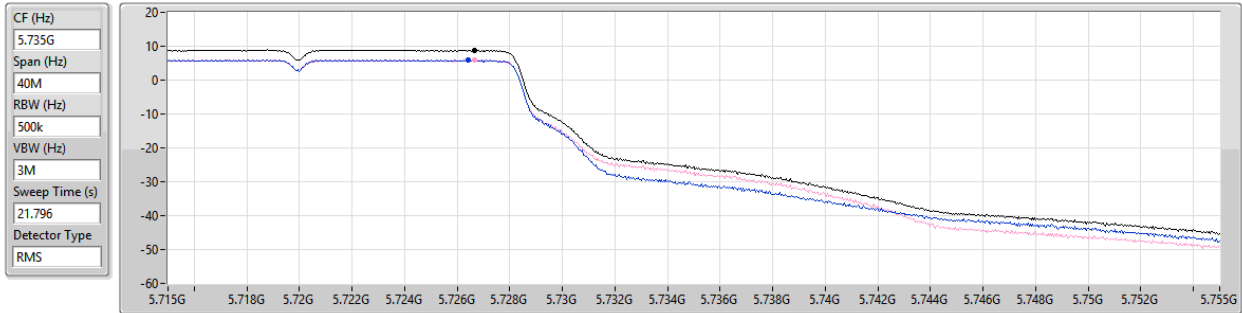
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	7.58	7.61

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

PSD

5720MHz Straddle 5.725-5.85GHz

06/02/2026



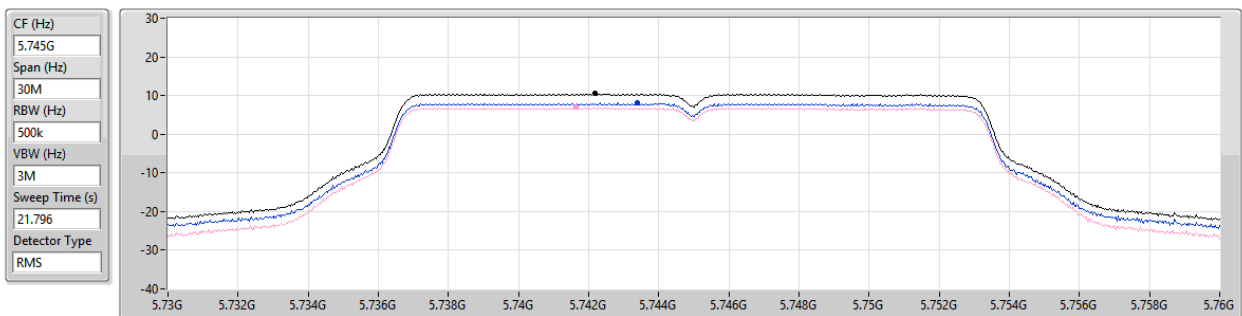
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.78	8.78	5.90	5.95

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

PSD

5745MHz

06/02/2026



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.46	10.46	8.02	6.96

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

PSD

5785MHz

06/02/2026

CF (Hz)
5.785G

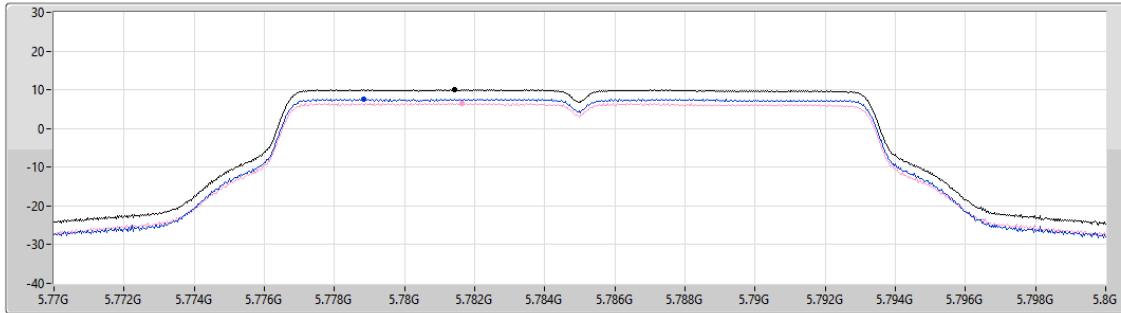
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.01	10.01	7.66	6.53

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

PSD

5825MHz

06/02/2026

CF (Hz)
5.825G

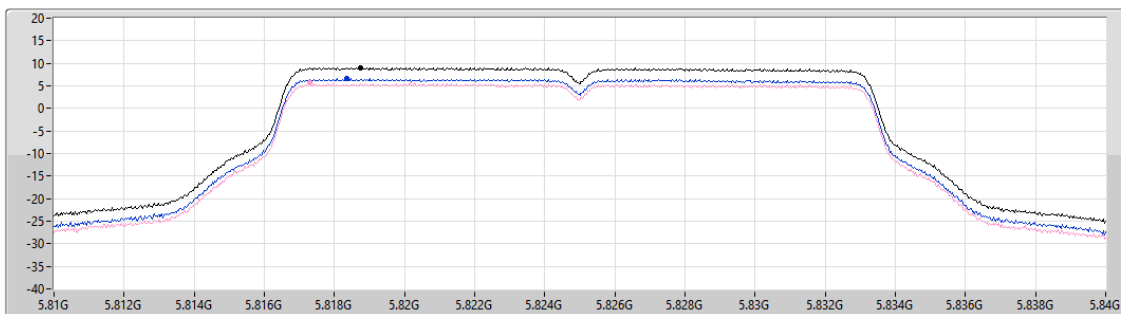
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
21.796

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.05	9.05	6.57	5.63

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

PSD

5180MHz

06/02/2026

CF (Hz)
5.18G

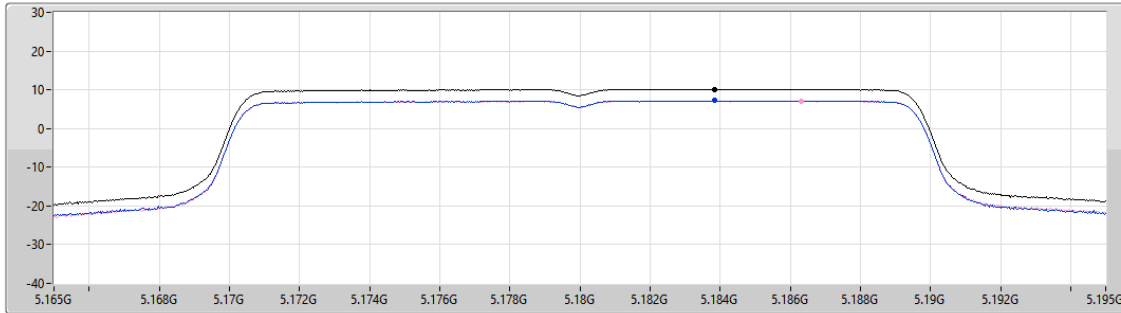
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	7.18	7.15

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

PSD

5200MHz

06/02/2026

CF (Hz)
5.2G

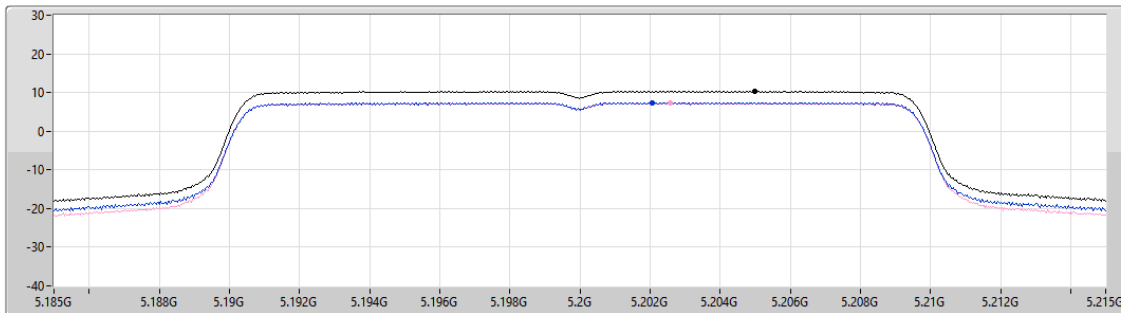
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	7.43	7.23

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

PSD

5240MHz

06/02/2026

CF (Hz)
5.24G

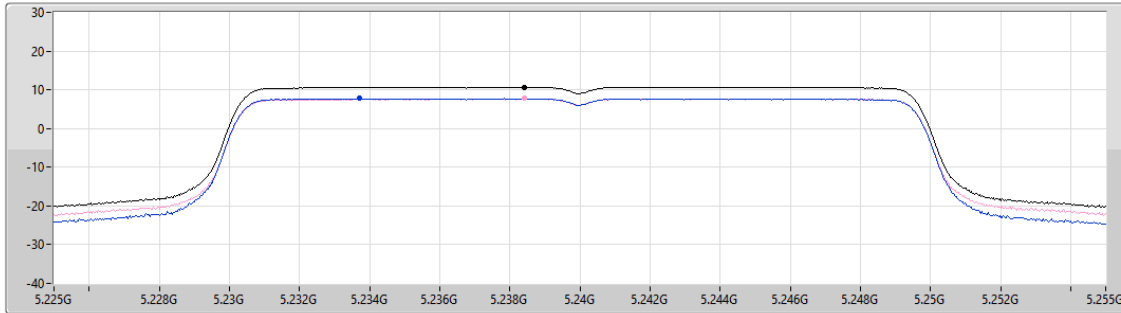
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.68	10.68	7.72	7.73

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

PSD

5260MHz

06/02/2026

CF (Hz)
5.26G

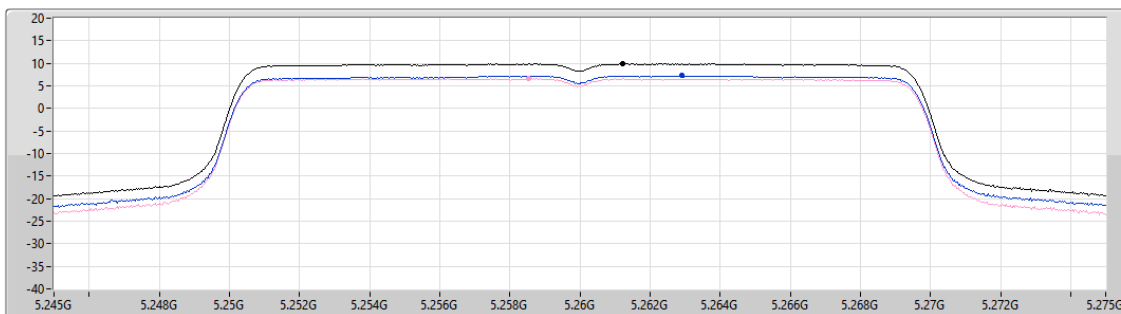
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.87	9.87	7.23	6.61

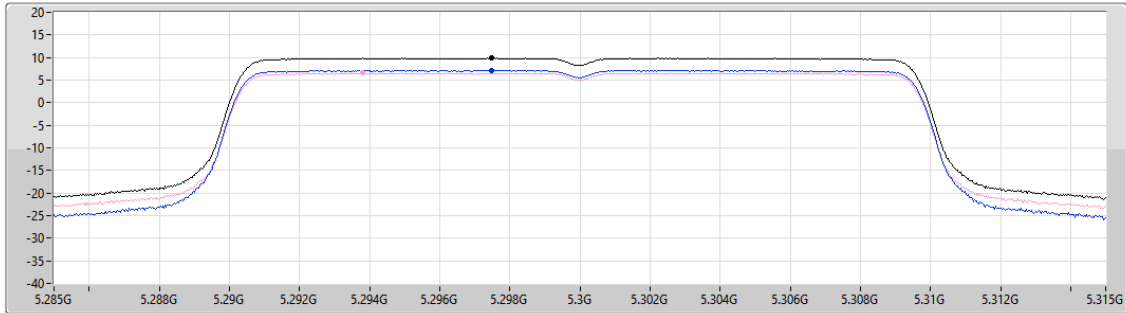
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

06/02/2026

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
15.325
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	7.19	6.55

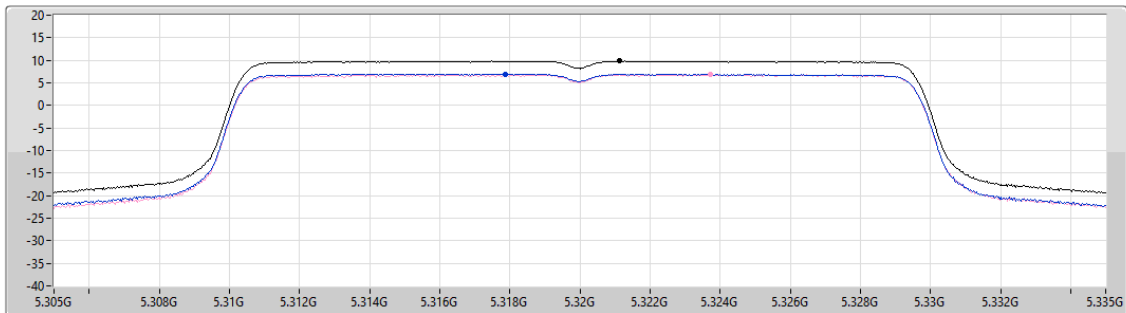
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

06/02/2026

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
15.325
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	6.95	6.76

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

PSD

5500MHz

06/02/2026

CF (Hz)
5.5G

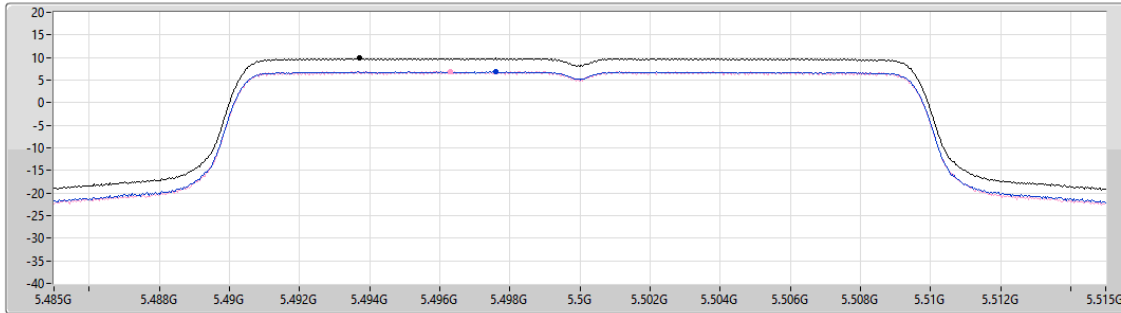
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.81	9.81	6.81	6.88

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

PSD

5580MHz

06/02/2026

CF (Hz)
5.58G

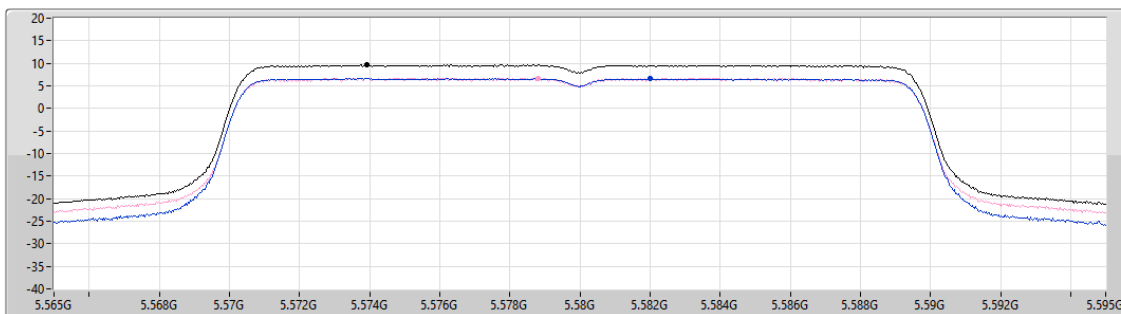
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.64	9.64	6.71	6.73

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

PSD

5700MHz

26/12/2025

CF (Hz)
5.7G

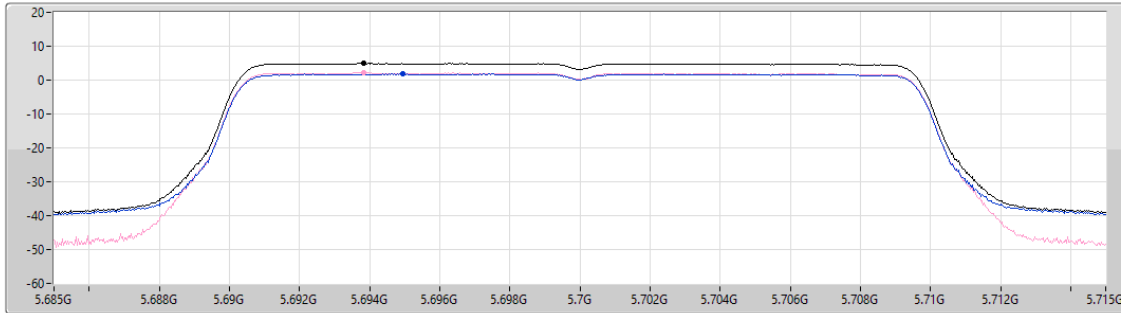
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	1.79	2.14

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

PSD

5720MHz Straddle 5.47-5.725GHz

07/02/2026

CF (Hz)
5.71G

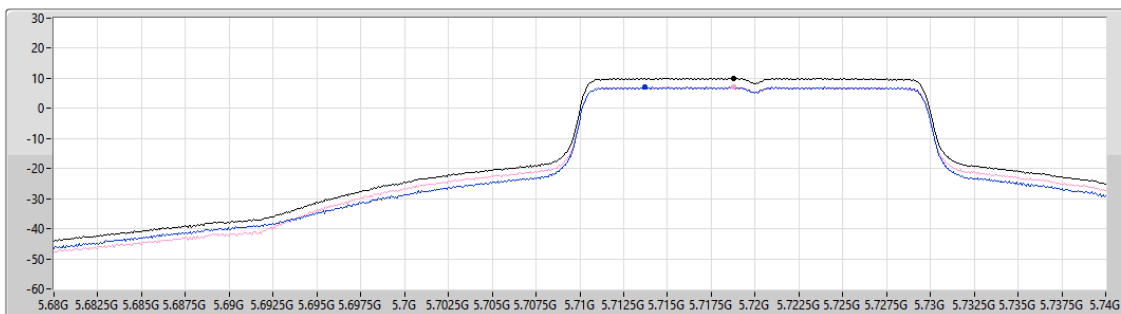
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

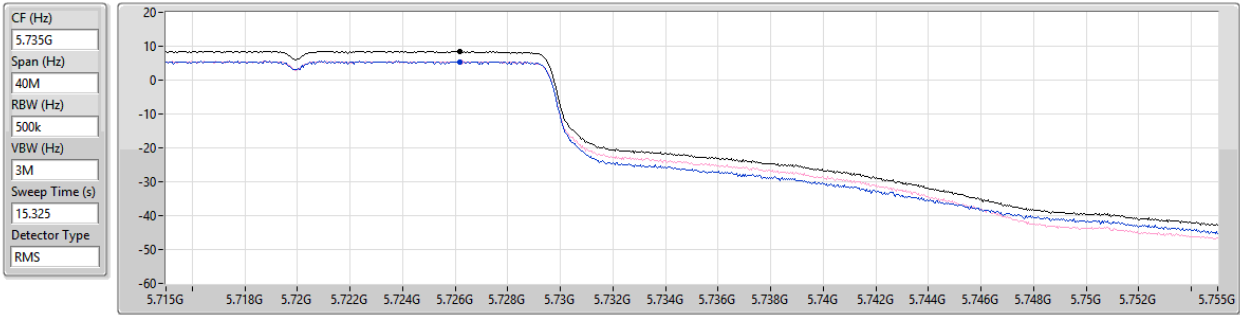
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	7.03	7.08

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

PSD

5720MHz Straddle 5.725-5.85GHz

07/02/2026



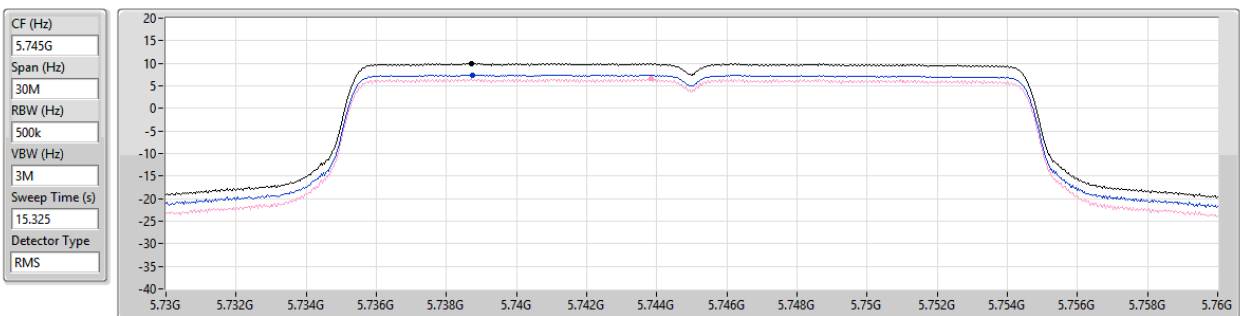
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.39	8.39	5.42	5.46

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

PSD

5745MHz

07/02/2026



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.98	9.98	7.45	6.57

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

PSD

5785MHz

07/02/2026

CF (Hz)
5.785G

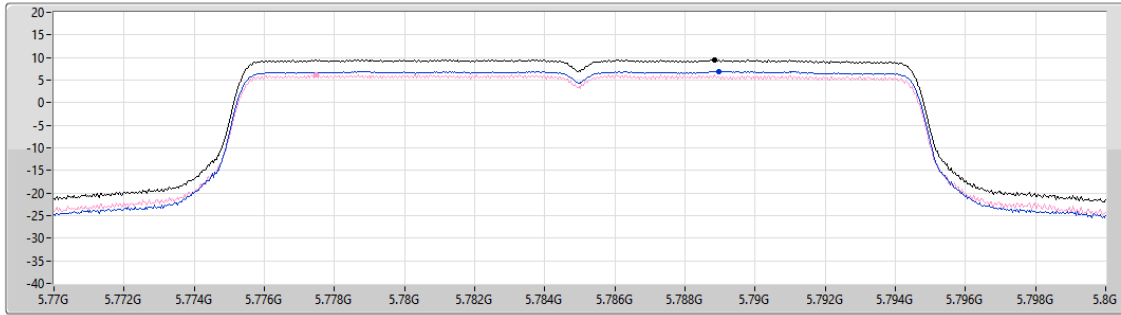
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.52	9.52	6.93	6.27

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

PSD

5825MHz

07/02/2026

CF (Hz)
5.825G

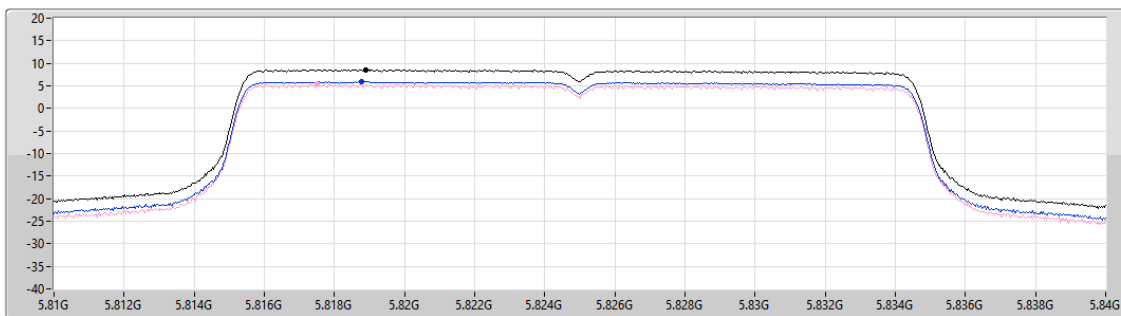
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
15.325

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.60	8.60	5.95	5.42

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

PSD

5190MHz

07/02/2026

CF (Hz)
5.19G

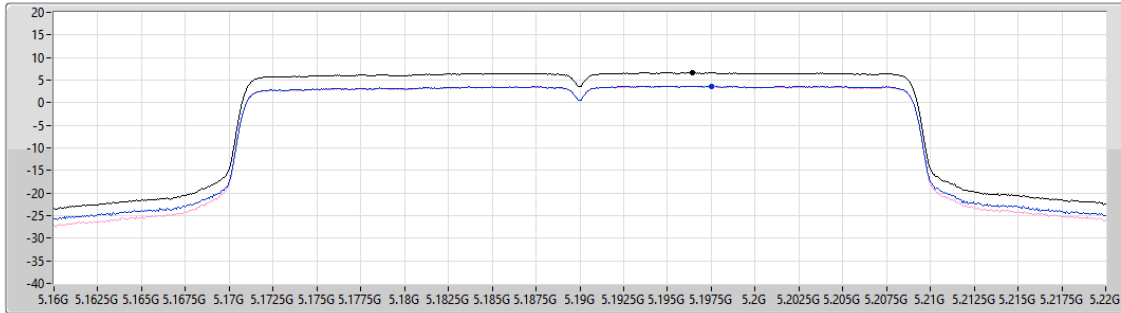
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.64	6.64	3.68	3.60

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

PSD

5230MHz

07/02/2026

CF (Hz)
5.23G

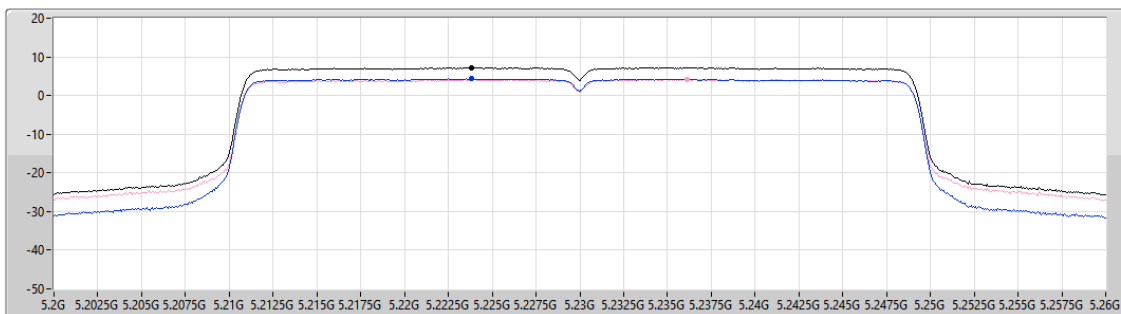
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.19	7.19	4.30	4.22

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

PSD

5270MHz

07/02/2026

CF (Hz)
5.27G

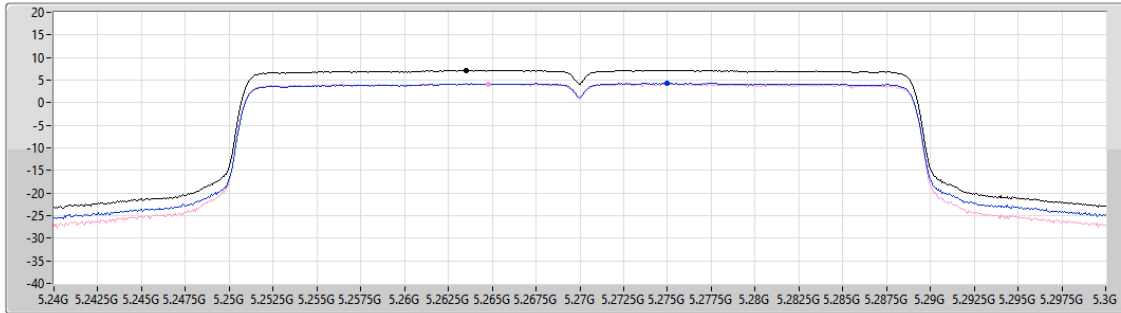
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.20	7.20	4.33	4.17

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

PSD

5310MHz

07/02/2026

CF (Hz)
5.31G

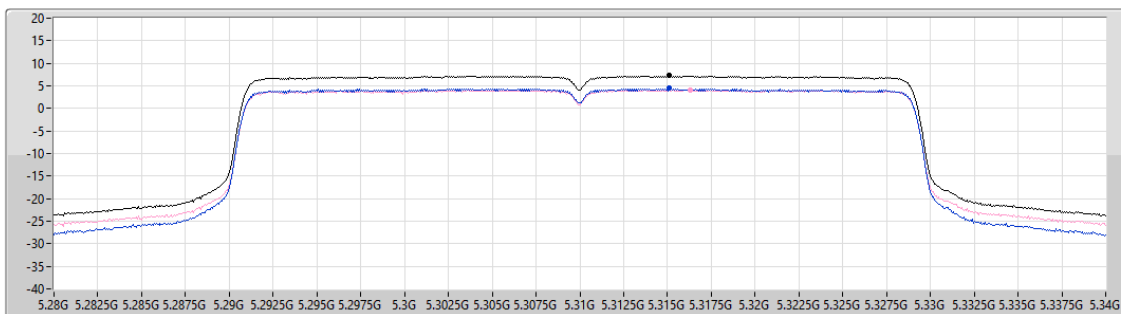
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.24	7.24	4.45	4.08

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

PSD

5510MHz

07/02/2026

CF (Hz)
5.51G

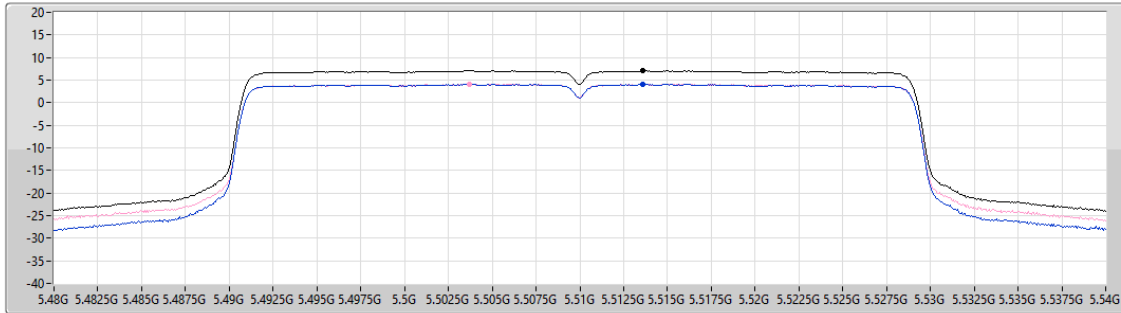
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	4.10	4.09

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

PSD

5550MHz

07/02/2026

CF (Hz)
5.55G

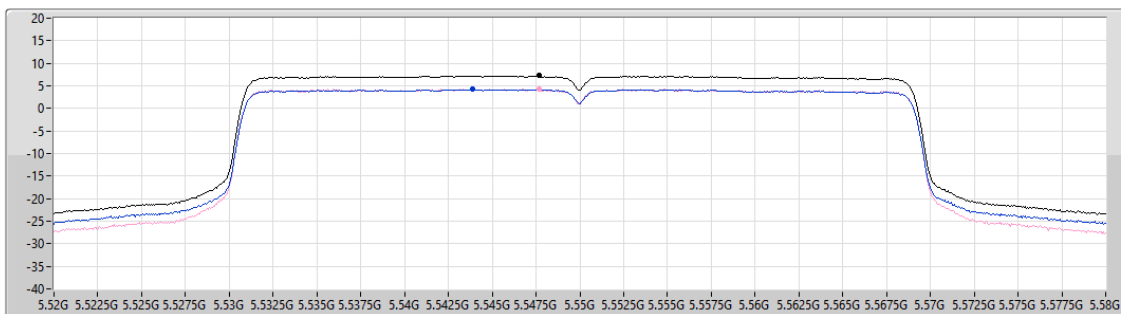
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	4.19	4.33

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

PSD

5670MHz

07/02/2026

CF (Hz)
5.67G

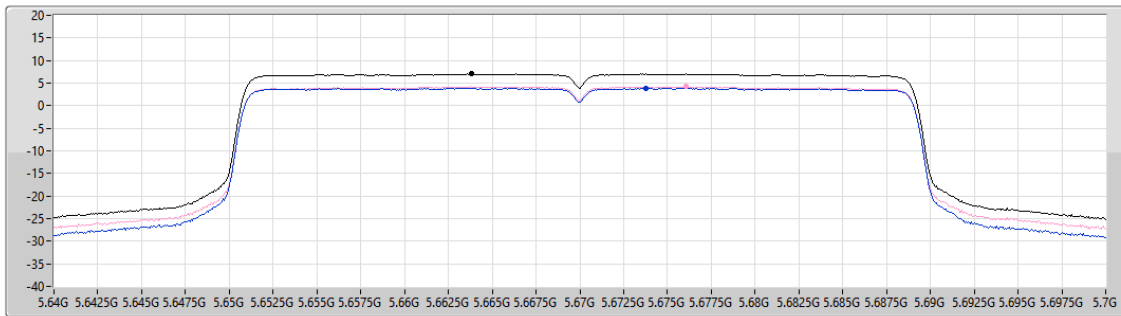
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.03	7.03	3.89	4.19

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

PSD

5710MHz Straddle 5.47-5.725GHz

07/02/2026

CF (Hz)
5.69G

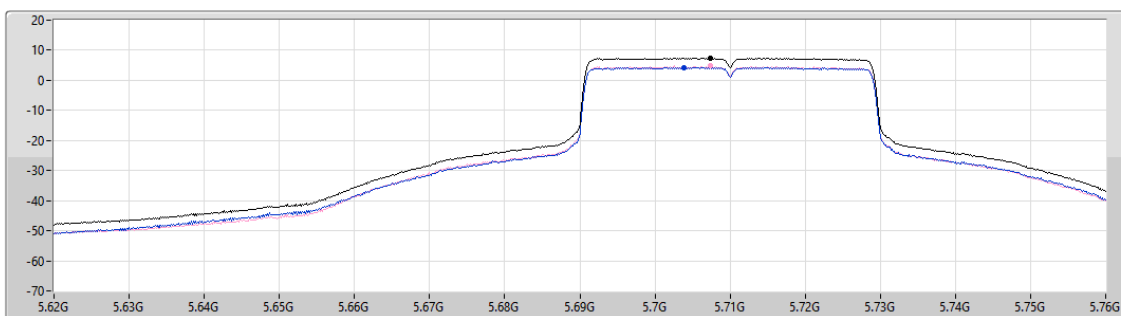
Span (Hz)
140M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

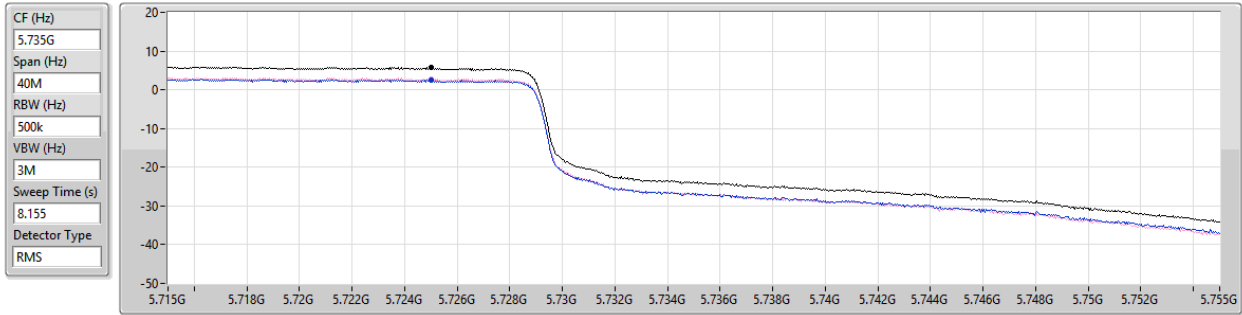
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.48	7.48	4.31	4.78

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

PSD

5710MHz Straddle 5.725-5.85GHz

07/02/2026



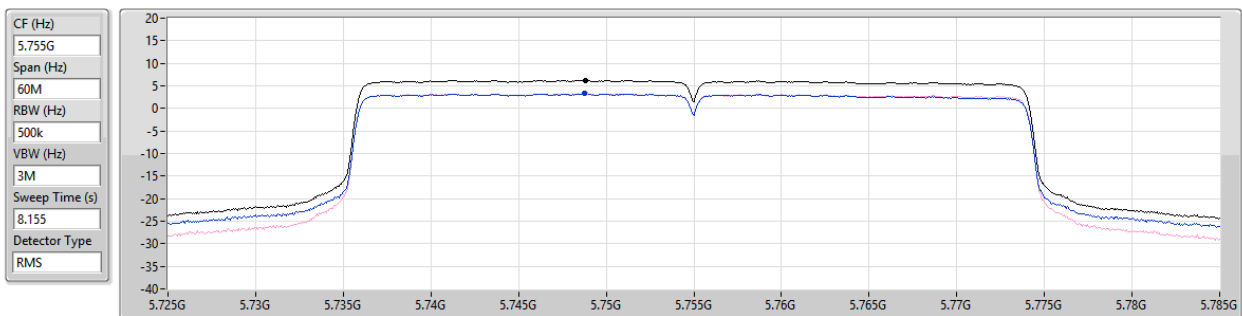
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	2.43	2.85

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

PSD

5755MHz

07/02/2026



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.26	6.26	3.26	3.30

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

PSD

5795MHz

07/02/2026

CF (Hz)
5.795G

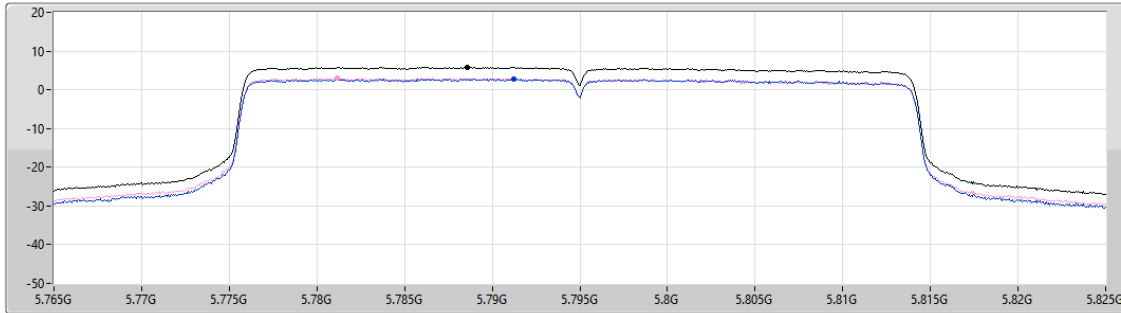
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
8.155

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.81	5.81	2.82	2.93

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

PSD

5210MHz

07/02/2026

CF (Hz)
5.21G

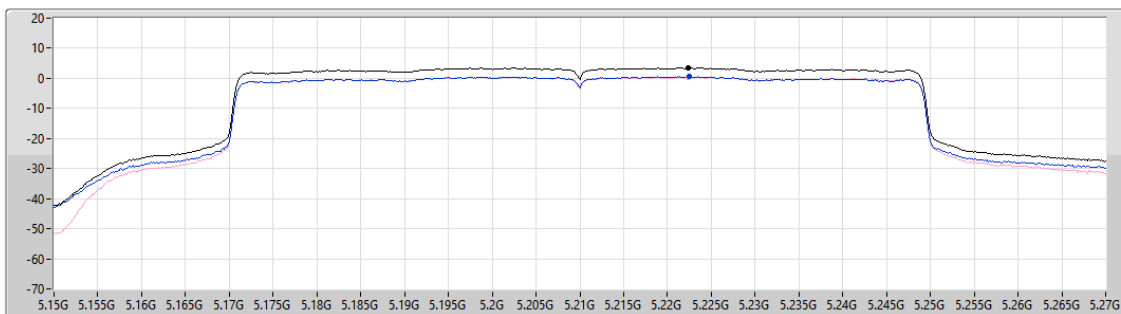
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.432

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.51	3.51	0.61	0.43

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

PSD

5290MHz

07/02/2026

CF (Hz)
5.29G

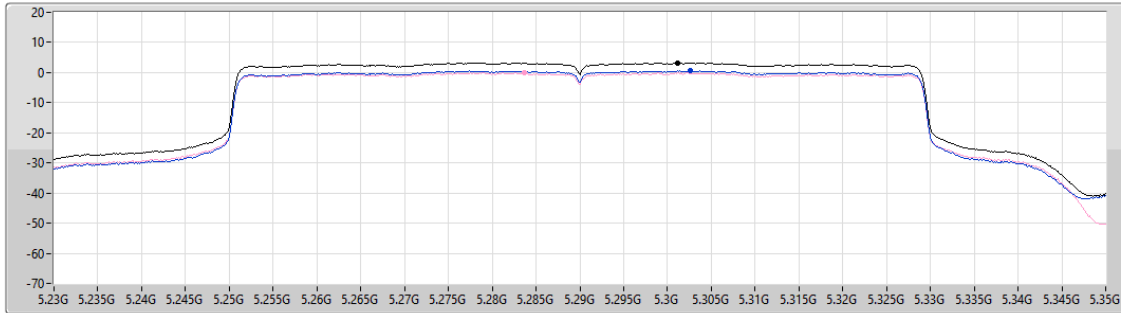
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.432

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.24	3.24	0.61	0.01

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

PSD

5530MHz

07/02/2026

CF (Hz)
5.53G

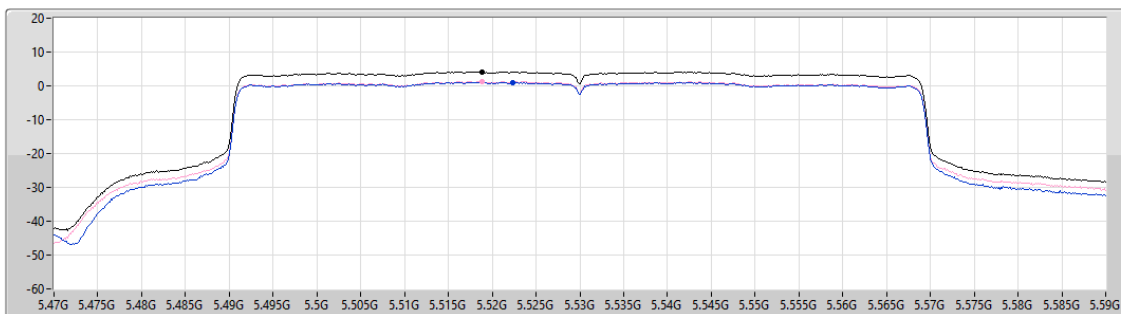
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.432

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.18	4.18	1.07	1.29

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

PSD

5610MHz

07/02/2026

CF (Hz)
5.61G

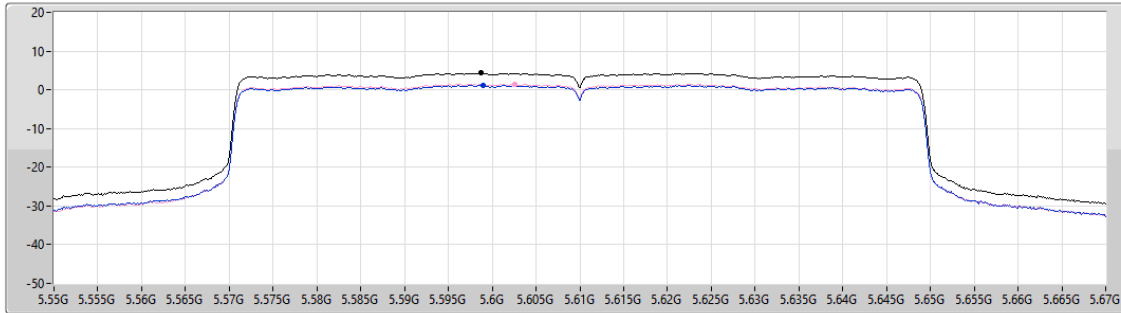
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.432

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	1.16	1.50

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

PSD

5690MHz Straddle 5.47-5.725GHz

07/02/2026

CF (Hz)
5.65G

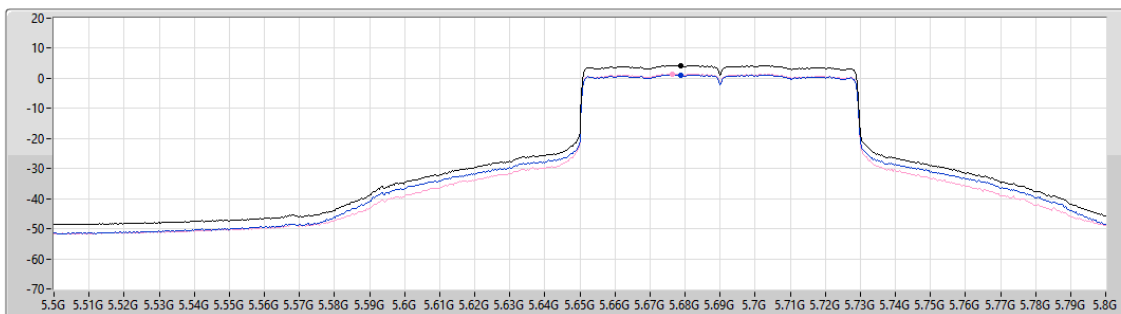
Span (Hz)
300M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.432

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

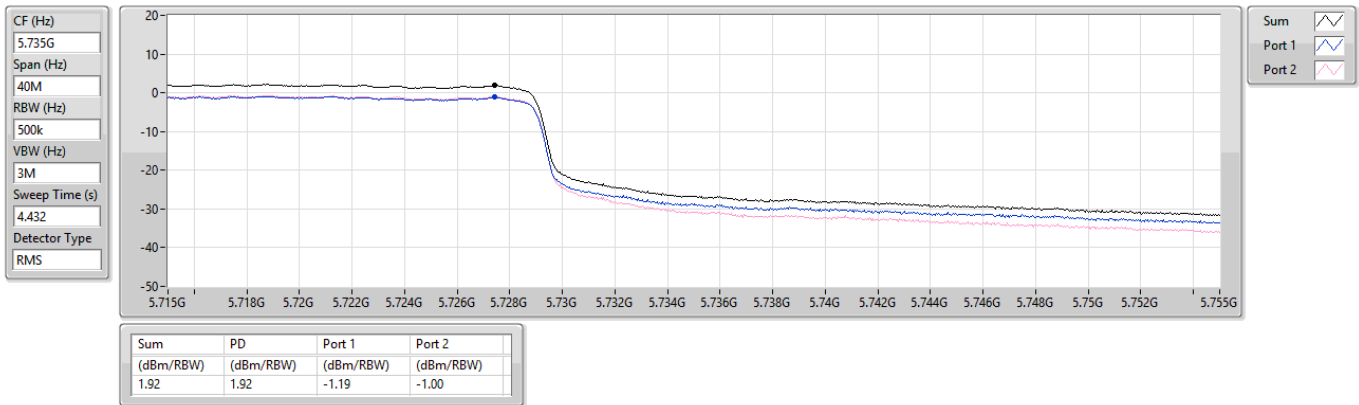
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	1.18	1.50

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

PSD

5690MHz Straddle 5.725-5.85GHz

07/02/2026

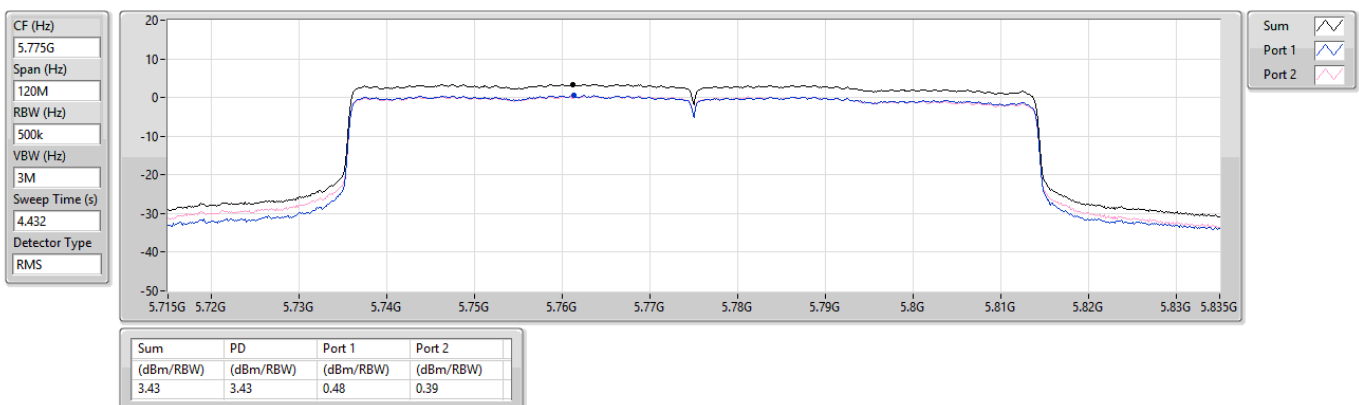


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

07/02/2026

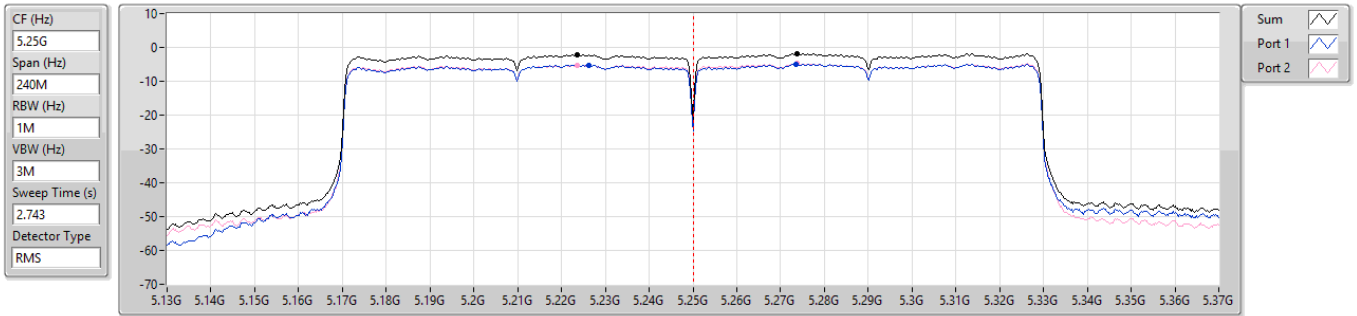


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

26/12/2025



5150~5250MHz

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.18	-2.18	-5.18	-5.19

5250~5350MHz

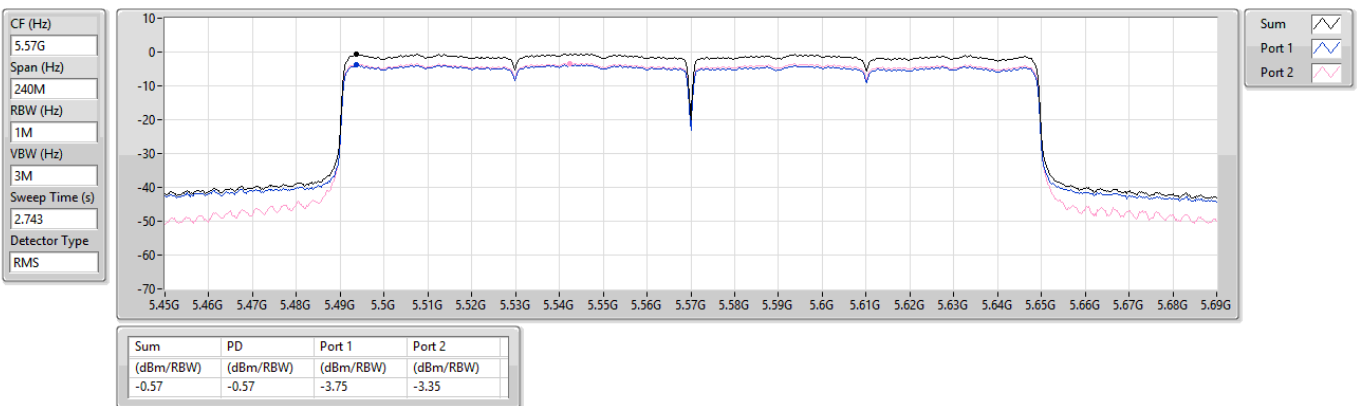
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.76	-1.76	-4.87	-4.68

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

PSD

5570MHz

07/02/2026



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.57	-0.57	-3.75	-3.35



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.31
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.50
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.09
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.06

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.52	5.97	5.97	17.00
5200MHz	Pass	3.52	8.21	8.21	17.00
5240MHz	Pass	3.52	8.31	8.31	17.00
5260MHz	Pass	4.07	8.50	8.50	11.00
5300MHz	Pass	4.07	8.46	8.46	11.00
5320MHz	Pass	4.07	4.15	4.15	11.00
5500MHz	Pass	4.19	7.63	7.63	11.00
5580MHz	Pass	4.19	9.09	9.09	11.00
5700MHz	Pass	4.19	5.79	5.79	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.19	7.85	7.85	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	6.22	6.22	30.00
5745MHz	Pass	5.01	7.06	7.06	30.00
5785MHz	Pass	5.01	6.89	6.89	30.00
5825MHz	Pass	5.01	6.72	6.72	30.00

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

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

PSD

5180MHz

06/02/2026

CF (Hz)
5.18G

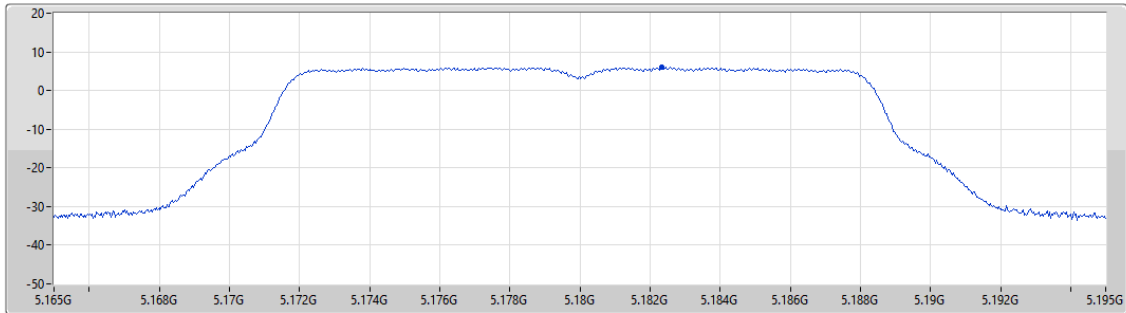
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.97	5.97	5.97

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

PSD

5200MHz

06/02/2026

CF (Hz)
5.2G

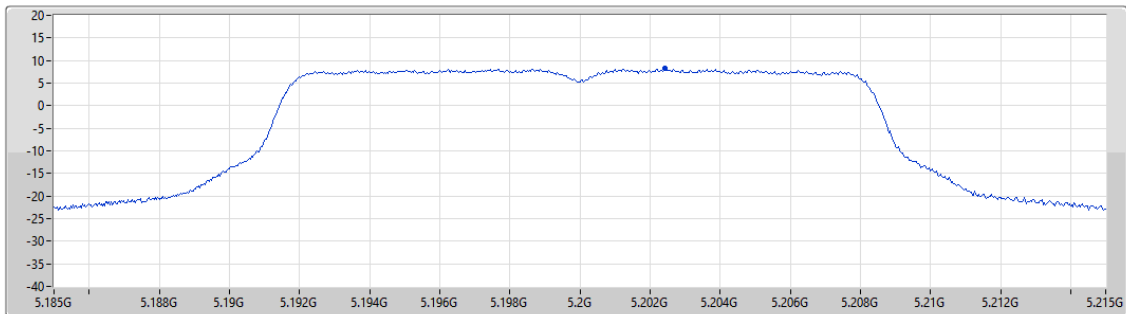
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.21	8.21	8.21