



RADIO TEST REPORT

FCC ID : 2BXG6FAST5698
Equipment : 5G GATEWAY
Brand Name : T-Mobile
Model Name : FAST5698
Marketing Name : TMO-G5MSG
Applicant : SAGEMCOM USA LLC
1301 West President George Bush Highway Ste
330, Richardson, Texas, United States, 75080
Manufacturer : SAGEMCOM USA LLC
1301 West President George Bush Highway Ste
330, Richardson, Texas, United States, 75080
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 20, 2026, and testing was started from Jul. 28, 2026 and completed on Aug. 20, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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: Muse Chan**



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]



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	4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	4TX
5.15-5.35GHz	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	4TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	4TX



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	4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	4TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11 a, 802.11 n HT20, 802.11 ac VHT20, 802.11 ax HEW20, 802.11 be EHT20	20	4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	4TX
	802.11 ac VHT160, 802.11 ax HEW160, 802.11 be EHT160	160	4TX
	802.11 ac VHT160-BF, 802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	4TX



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	4TX
	802.11 n HT20-BF, 802.11 ac VHT20-BF, 802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	4TX
	802.11 n HT40, 802.11 ac VHT40, 802.11 ax HEW40, 802.11 be EHT40	40	4TX
	802.11 n HT40-BF, 802.11 ac VHT40-BF, 802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	4TX
	802.11 ac VHT80, 802.11 ax HEW80, 802.11 be EHT80	80	4TX
	802.11 ac VHT80-BF, 802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	4TX

For Multi RU:

RU-tone	Bandwidth (MHz)				5GHz Test CH					
					UNII-1	UNII-2A	UNII-2C	UNII2C/3	UNII-3	
					CH42	CH58	CH106	CH122	CH138	CH155
484+242(MCS0)	484			242	V	V	V	V	V	V
484+242(MCS4)	484			242	V	V	V	V	V	V

RU-tone	Bandwidth (MHz)				5GHz Test CH	
					UNII-1/2A	UNII-2C
					CH50	CH114
996+484(MCS0)	484			996	V	V
996+484(MCS4)	484			996	V	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 modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Worst case of MRU evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU by conducted method and find out the MRU worst case configuration.
4. Follow step 3 to find the worst MRU configuration and perform radiated BE/RSE testing
5. Confirm whether the worst MRU 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 needs to be reduced.

1.1.3 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Modes of Operation
1	1	Pegatron	WiFi-0	PCB	I-PEX	Note 1	WLAN 2.4GHz WLAN 5GHz
2	2	Pegatron	WiFi-1	PCB	I-PEX		
3	3	Pegatron	WiFi-2	PCB	I-PEX		
4	4	Pegatron	WiFi-3	PCB	I-PEX		
5	1	Pegatron	6G-0	PCB	I-PEX		WLAN 6GHz
6	2	Pegatron	6G-1	PCB	I-PEX		
7	3	Pegatron	6G-2	PCB	I-PEX		
8	4	Pegatron	6G-3	PCB	I-PEX		
9	1	Pegatron	IoT-1	PCB	I-PEX		Bluetooth or IEEE 802.15.4
10	2	Pegatron	IoT-2	PCB	I-PEX		
11	-	Pegatron	5G NR-0	PCB	I-PEX	-	WWAN
12	-	Pegatron	5G NR-1	FPC	I-PEX		
13	-	Pegatron	5G NR-2	PCB	I-PEX		
14	-	Pegatron	5G NR-3	FPC	I-PEX		
15	-	Pegatron	5G NR-4	PCB	I-PEX		
16	-	Pegatron	5G NR-5	FPC	I-PEX		
17	-	Pegatron	5G NR-6	PCB	I-PEX		
18	-	Pegatron	5G NR-7	FPC	I-PEX		
19	-	Pegatron	GNSS	PCB	I-PEX		GPS



Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	4.58	4.75	3.43	4.70	5.04
2	4.65	3.37	3.37	3.85	3.96
3	4.86	2.86	3.61	3.98	3.98
4	3.77	4.63	4.31	4.21	4.21
Ant.	WLAN 6GHz				
	UNII 5	UNII 6	UNII 7	UNII 8	
	5.40	4.83	5.64	5.80	
6	3.34	3.42	3.31	4.00	
7	6.34	5.18	5.26	6.21	
8	5.16	6.05	5.97	6.19	
Ant.	Bluetooth or IEEE 802.15.4				
9	3.72				
10	2.93				

Item	Composite Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
4T1S	5.79	6.08	5.66	5.66	5.89
4T2S	4.86	4.92	4.31	4.36	5.04
4T3S	4.86	4.75	4.31	4.21	5.04
4T4S	4.86	4.75	4.31	4.21	5.04
Item	WLAN 6GHz				
	UNII 5	UNII 6	UNII 7	UNII 8	
	6.34	6.05	5.97	6.21	
4T2S	6.34	6.05	5.97	6.21	
4T3S	6.34	6.05	5.97	6.21	
4T4S	6.34	6.05	5.97	6.21	

Note 2: The above information was declared by manufacturer.

Note 3: **For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)**

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

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

For 5GHz IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

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

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

For 6GHz IEEE 802.11a/ax/be mode (4TX/4RX)

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

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

For Bluetooth or IEEE 802.15.4 mode (1TX/1RX)

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected for testing.

1.1.4 Mode Test Duty Cycle
For Full_RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.942	0.26	1.998m	1k
802.11ac VHT20_Nss 1,(M0)	0.959	0.18	5.375m	200
802.11ac VHT40_Nss 1,(M0)	0.953	0.21	5.386m	200
802.11ac VHT80_Nss 1,(M0)	0.948	0.23	4.525m	300
802.11ac VHT160_Nss 1,(M0)	0.928	0.32	3.545m	300
802.11be EHT20_Nss 1,(M0)	0.959	0.18	5.403m	200
802.11be EHT40_Nss 1,(M0)	0.959	0.18	5.383m	200
802.11be EHT80_Nss 1,(M0)	0.954	0.2	4.625m	300
802.11be EHT160_Nss 1,(M0)	0.94	0.27	3.625m	300
802.11be EHT20_Nss 4,(M0)	0.954	0.2	4.75m	300
802.11be EHT40_Nss 4,(M0)	0.945	0.25	3.698m	300
802.11be EHT80_Nss 4,(M0)	0.936	0.29	2.702m	500
802.11be EHT160_Nss 4,(M0)	0.947	0.24	2.178m	500

For Multi_RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.957	0.19	5.236m	200
802.11be EHT80_Nss 1,(M4),RU484+RU242	0.944	0.25	5.252m	200
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.938	0.28	5.244m	200
802.11be EHT160_Nss 1,(M4),RU996+RU484	0.941	0.26	5.244m	200

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz, and ax/be in 6GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported		
	☒	Unsupported		
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	For Unwanted Emissions test: Tera Term V5.4.0 For others: QRCT4 Version 4.0.198.1			

Note 1: The above information was declared by manufacturer.

Note 2: For beamforming operation, manufacturer automatically backs power down based on a $10\log(\text{NANT})$ factor based on CDD power.

1.1.6 Table for WWAN Information

Support Function
4G LTE Band: B2, B4, B5, B12, B25, B26, B41, B48, B66, B71
5G NR Band: n2, n25, n41, n48, n66, n71, n77

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Lee	21.9~23.2 / 61~64	Aug. 01, 2026~ Aug. 06, 2026
Radiated below 1GHz	03CH05-CB	Lex Lee	23.8~24.1 / 56~60	Jul. 28, 2026~ Aug. 17, 2026
Radiated above 1GHz	03CH01-CB	Sean Ku	24.2~24.6 / 56~65	
	03CH02-CB	Paul Hu	24.2~24.4 / 58~66	
Radiated co-location	03CH05-CB	Lex Lee	24.5~24.6 / 55~58	
AC Conduction	CO02-CB	Tim Chen	22~23 / 58~59	Aug. 20, 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)	3.7 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.5 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.3 dB	Confidence levels of 95%
Conducted Emission	3.8 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	3.5 dB	Confidence levels of 95%
Bandwidth Measurement	1.6 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full_RU:

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11ac VHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11ac VHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5270MHz
5310MHz



Mode
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11ac VHT80_Nss1,(MCS0)_4TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11ac VHT160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20_Nss1,(MCS0)_4TX
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)_4TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz



Mode
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20_Nss4,(MCS0)_4TX
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_Nss4,(MCS0)_4TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz



Mode
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss4,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

For Multi RU:

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5210MHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5210MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5290MHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5530MHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5530MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5610MHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5610MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5690MHz Straddle 5.47-5.725GHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5690MHz Straddle 5.47-5.725GHz



Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5690MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5690MHz Straddle 5.725-5.85GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5775MHz
802.11be EHT80_Nss1,(MCS4),RU484+RU242 MRU 3_4TX
5775MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5570MHz
802.11be EHT160_Nss1,(MCS4),RU996+RU484 MRU 2_4TX
5570MHz

Note:

- ♦ VHT20 / VHT40 covers HT20 / HT40 due to similar modulation.
The power setting for HT20 / HT40 is the same or lower than VHT20 / VHT40.
- ♦ EHT20 / EHT40 / EHT80 / EHT160 covers HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation.
The power setting for HEW20 / HEW40 / HEW80 / HEW160 is 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.

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	CTX
1	EUT + Adapter 1_WLAN 2.4GHz
2	EUT + Adapter 2_WLAN 2.4GHz
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~6 will follow this same test mode.	
3	EUT + Adapter 1_WLAN 5GHz
4	EUT + Adapter 1_WLAN 6GHz
5	EUT + Adapter 1_Bluetooth
6	EUT + Adapter 1_IEEE 802.15.4
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	Full RU
2	Multi_RU

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis + Adapter 1_WLAN 2.4GHz
2	EUT in Y axis + Adapter 2_WLAN 2.4GHz
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~6 will follow this same test mode.	
3	EUT in Y axis + Adapter 1_WLAN 5GHz
4	EUT in Y axis + Adapter 1_WLAN 6GHz
5	EUT in Y axis + Adapter 1_Bluetooth
6	EUT in Y axis + Adapter 1_IEEE 802.15.4
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis_Full RU
2	EUT in Y axis_Multi_RU

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 was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	MASS POWER	PD065E-D1C0AVU	INPUT: 100-240V~, 50/60Hz, 1.5A OUTPUT: 5.0V, 3.0A or 9.0V, 3.0A or 12.0V, 3.0A or 15.0V, 3.0A or 20.0V, 3.0A
Adapter 2	MOSO	P30-V3000R200-060Q0-US	INPUT: 100-240V~50/60Hz, 1.7A max. OUTPUT: 5V, 3A or 9V, 3A or 12V, 3A or 15V, 3A or 20V, 3A

2.5 Support Equipment

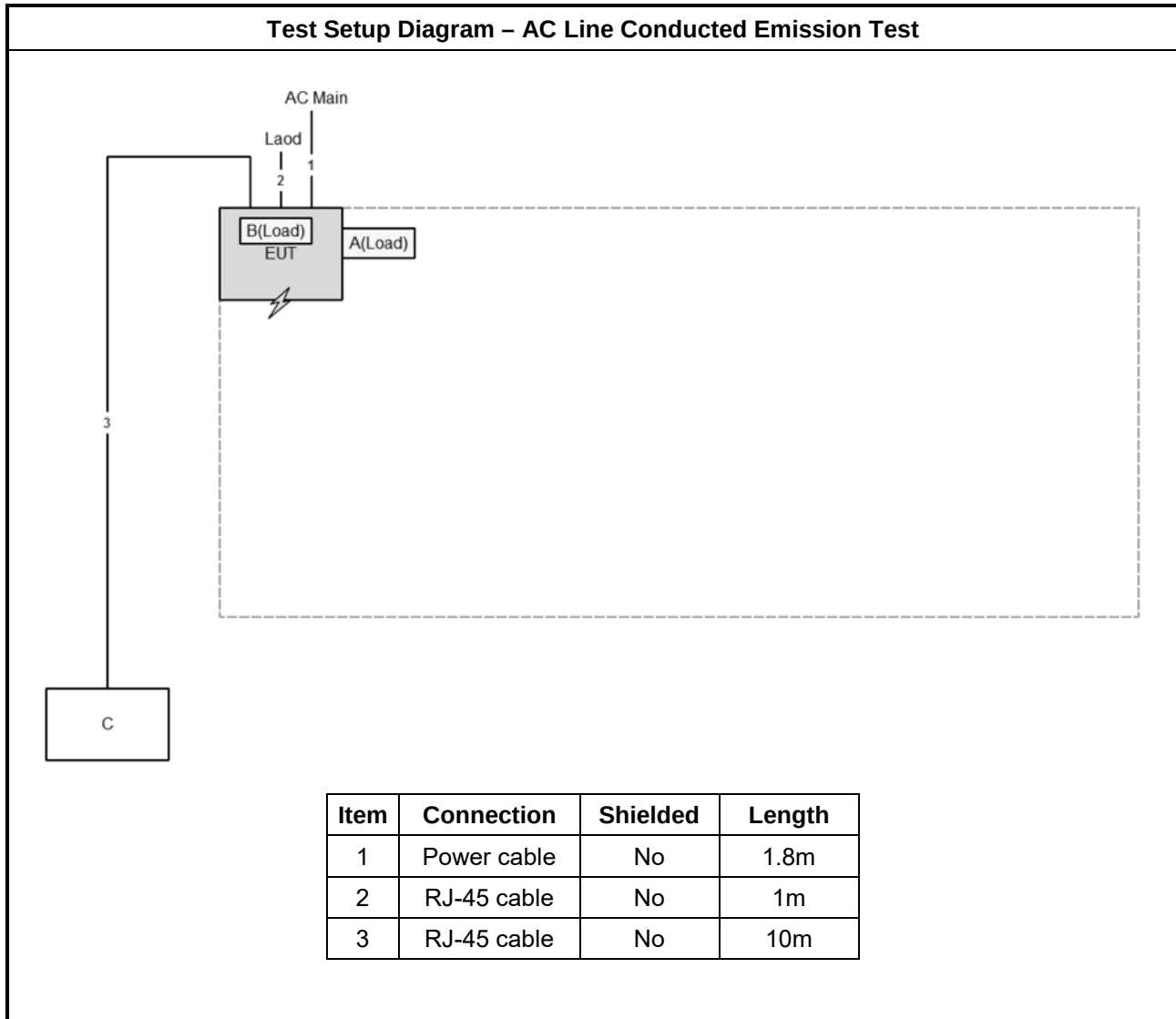
For AC Conduction:

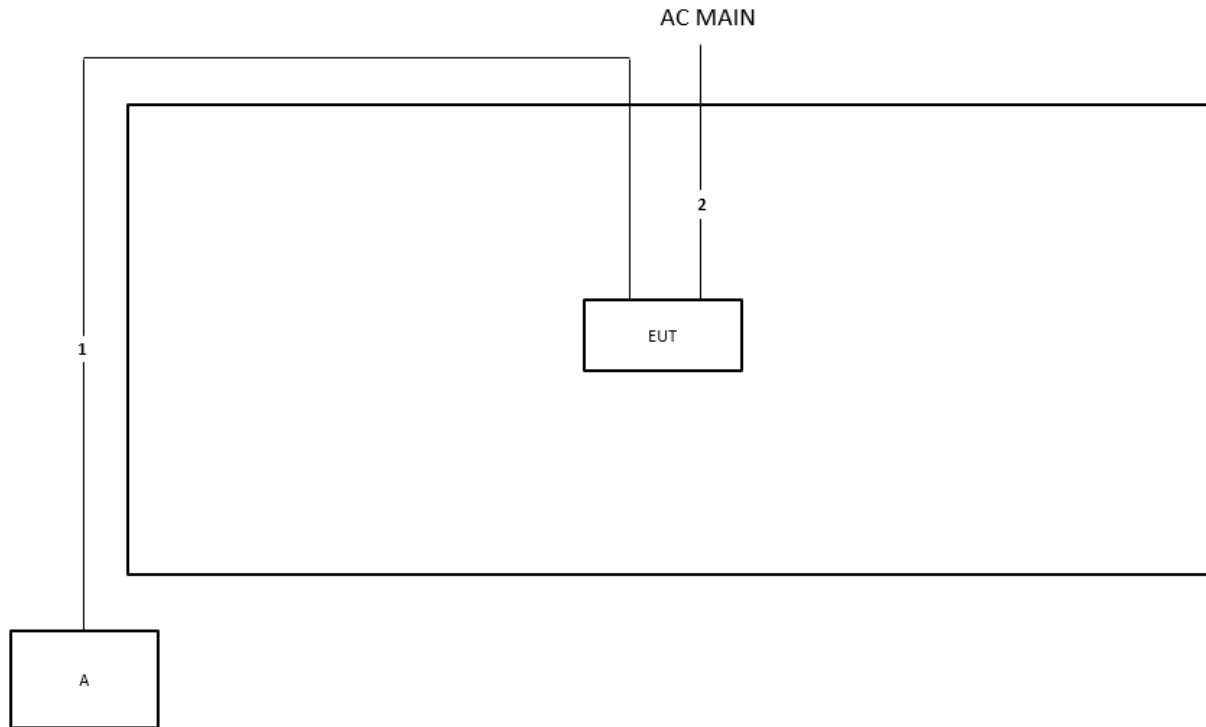
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Type-C Flash disk	Kingston	DT70	N/A
B	SIM Card	T-mobile	N/A	N/A
C	NB	Lenovo	X1 Carbon	N/A

For Radiated and RF Conducted:

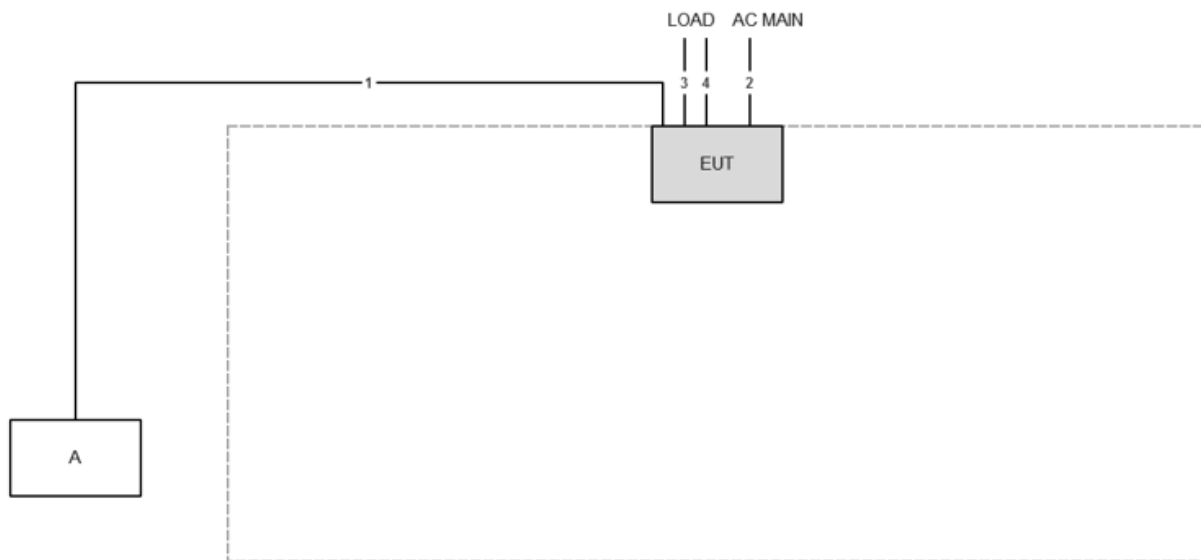
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Other Test


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

Test Setup Diagram - Radiated Emission Co-location Test


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m
3	RJ-45 cable	No	1.5m
4	Type-C cable	No	1.5m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

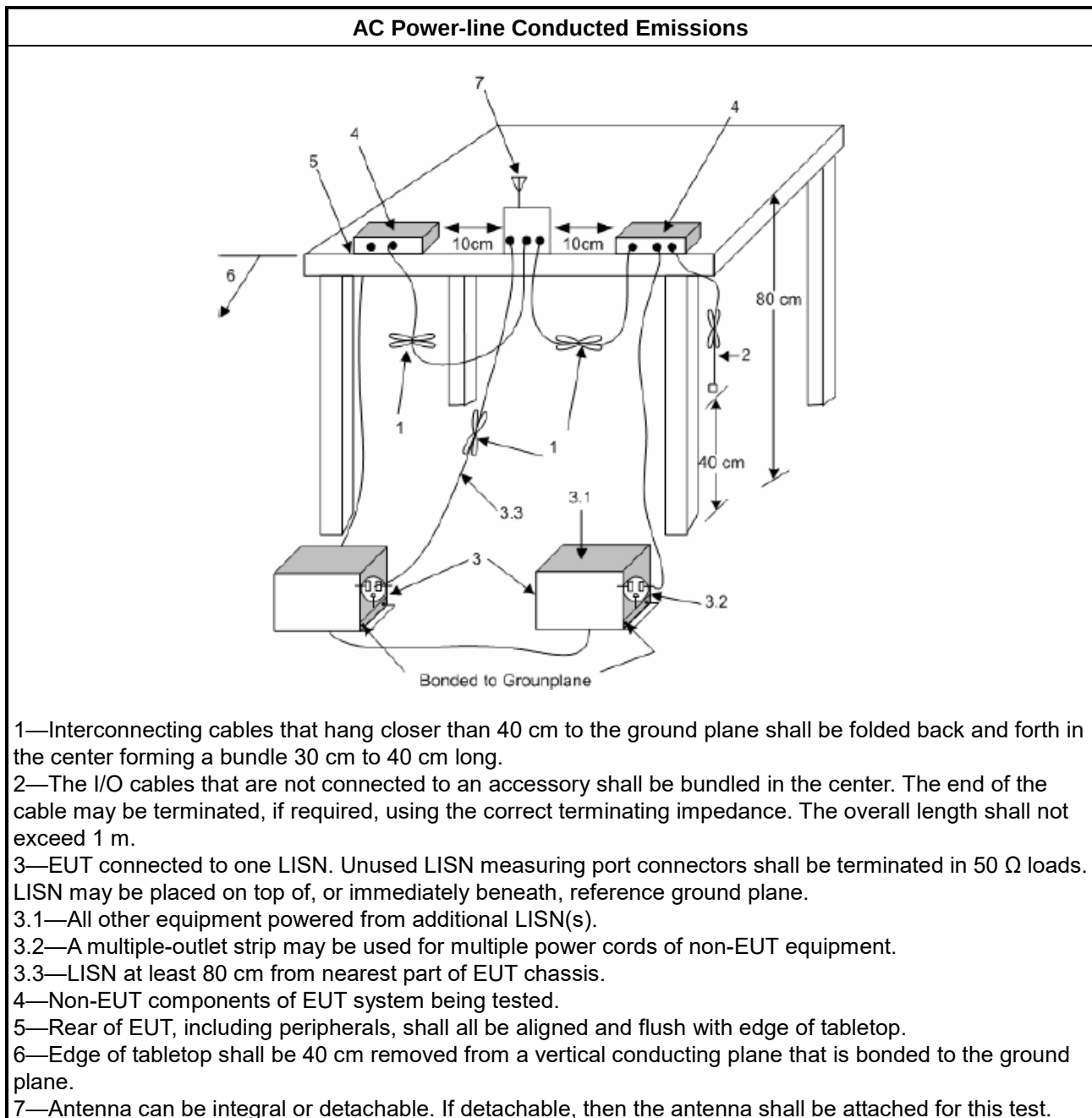
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

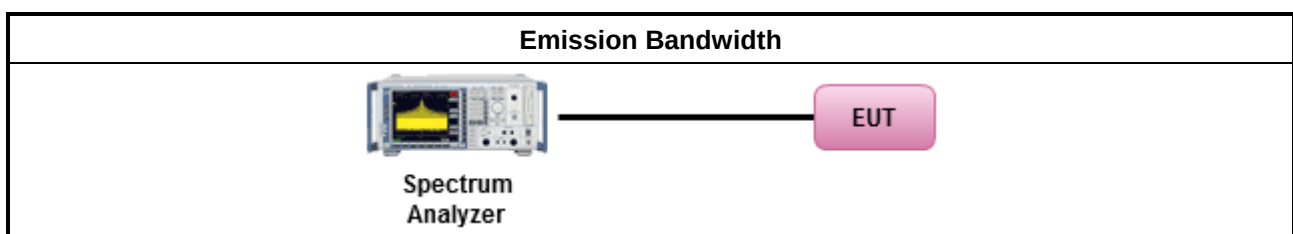
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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



☐	For the 5.47-5.725 GHz band:
	- The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log 10 B$, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☐	For the 5.725-5.85 GHz band:
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

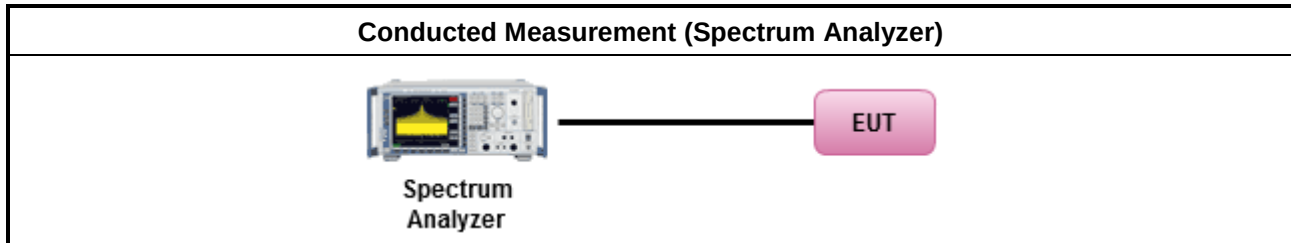
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

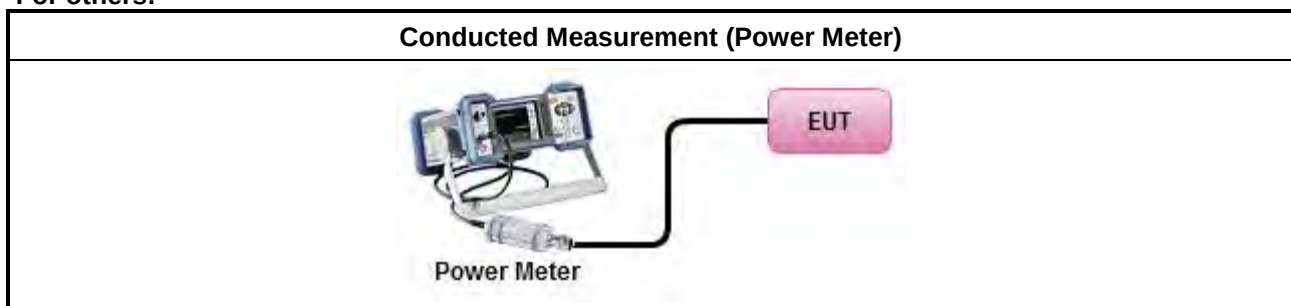
Test Method	
Maximum Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off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

3.3.4 Test Setup

For Straddle channel:



For others:



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Limit

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

3.4.2 Measuring Instruments

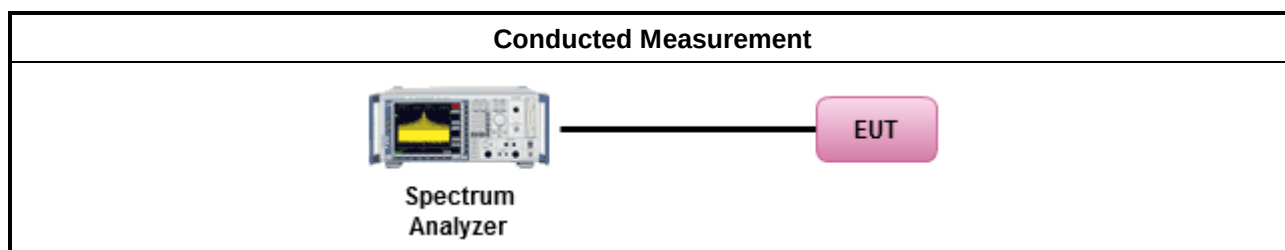
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

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

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



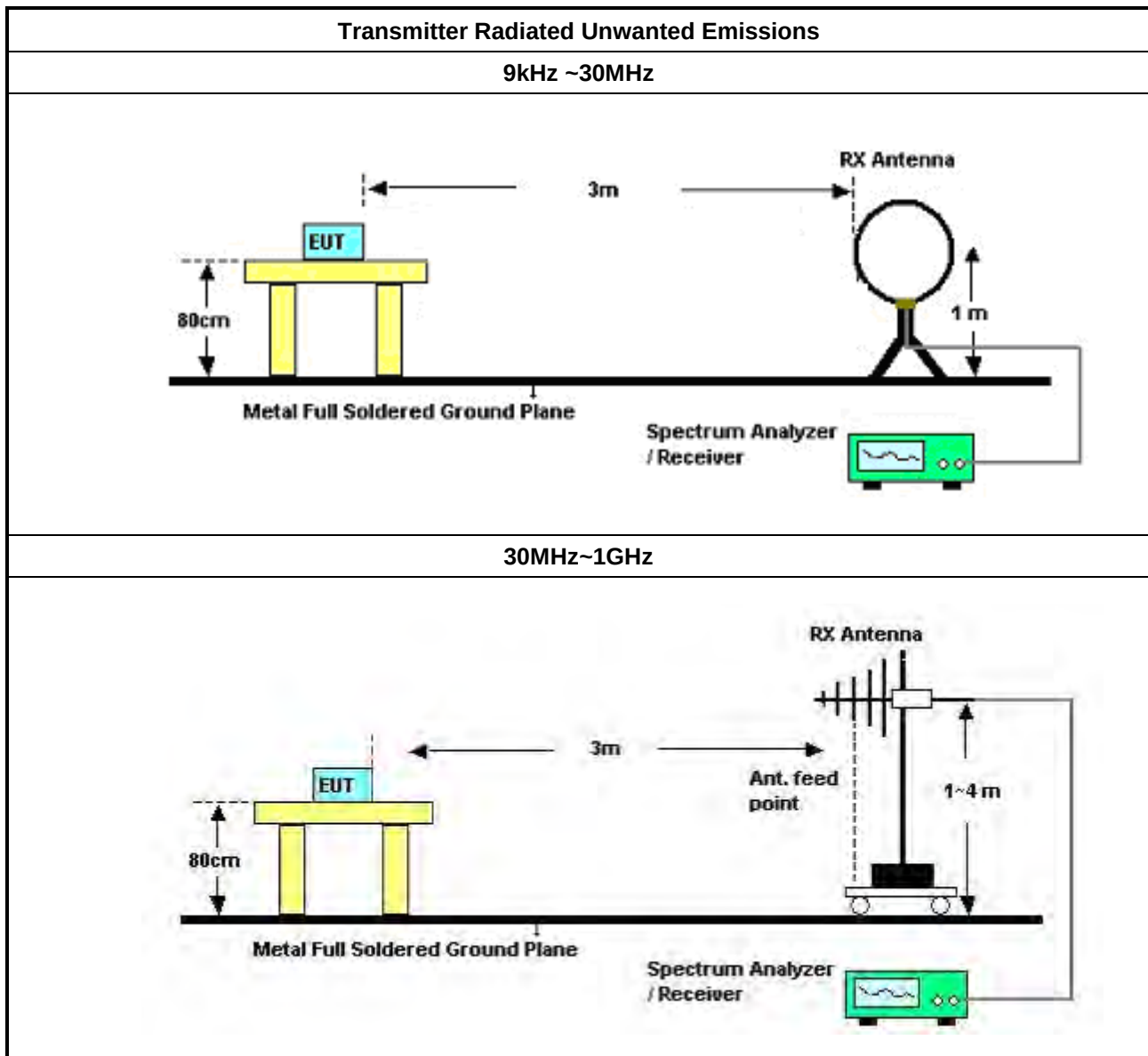
3.5.2 Measuring Instruments

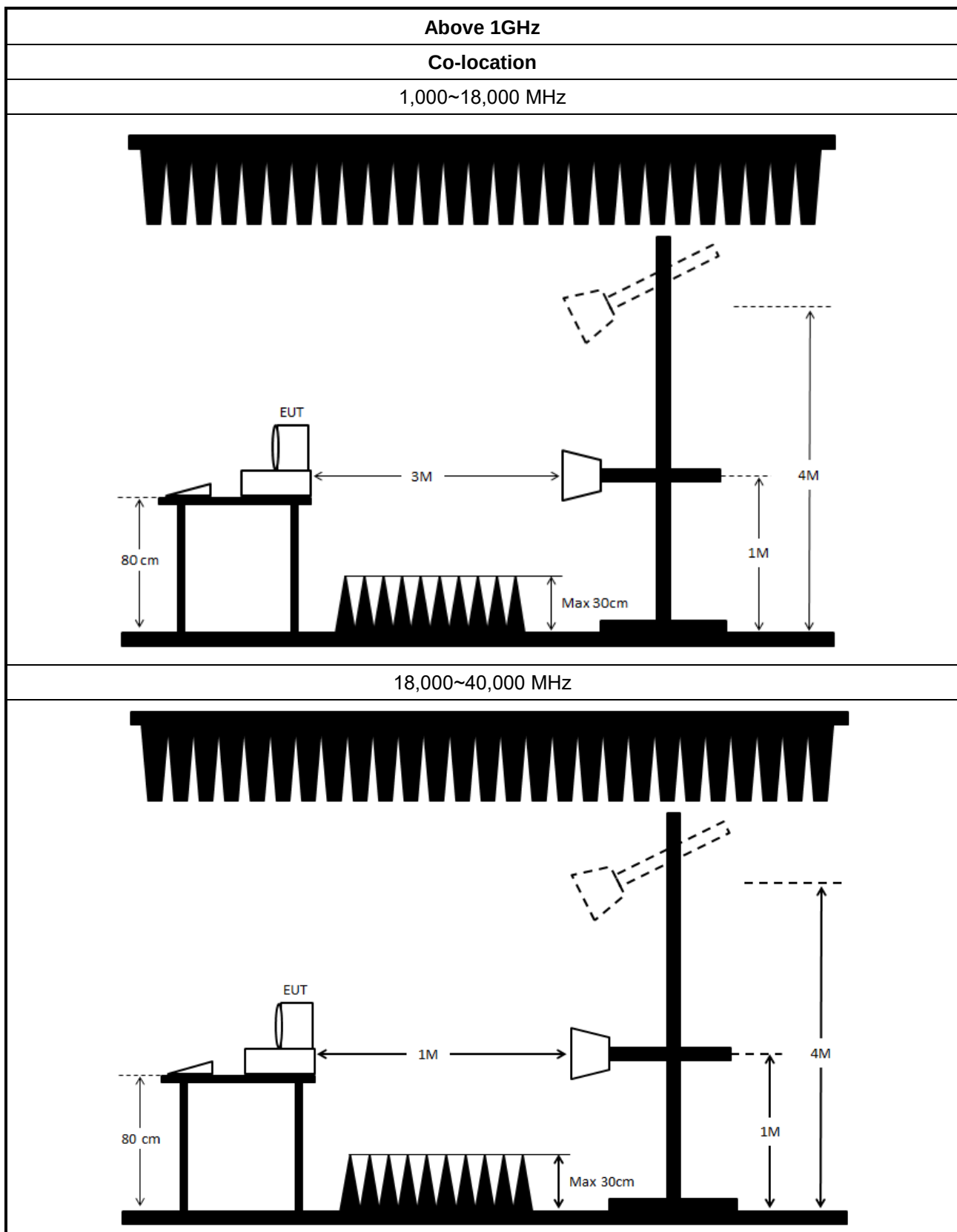
Refer a test equipment and calibration data table in this test report.

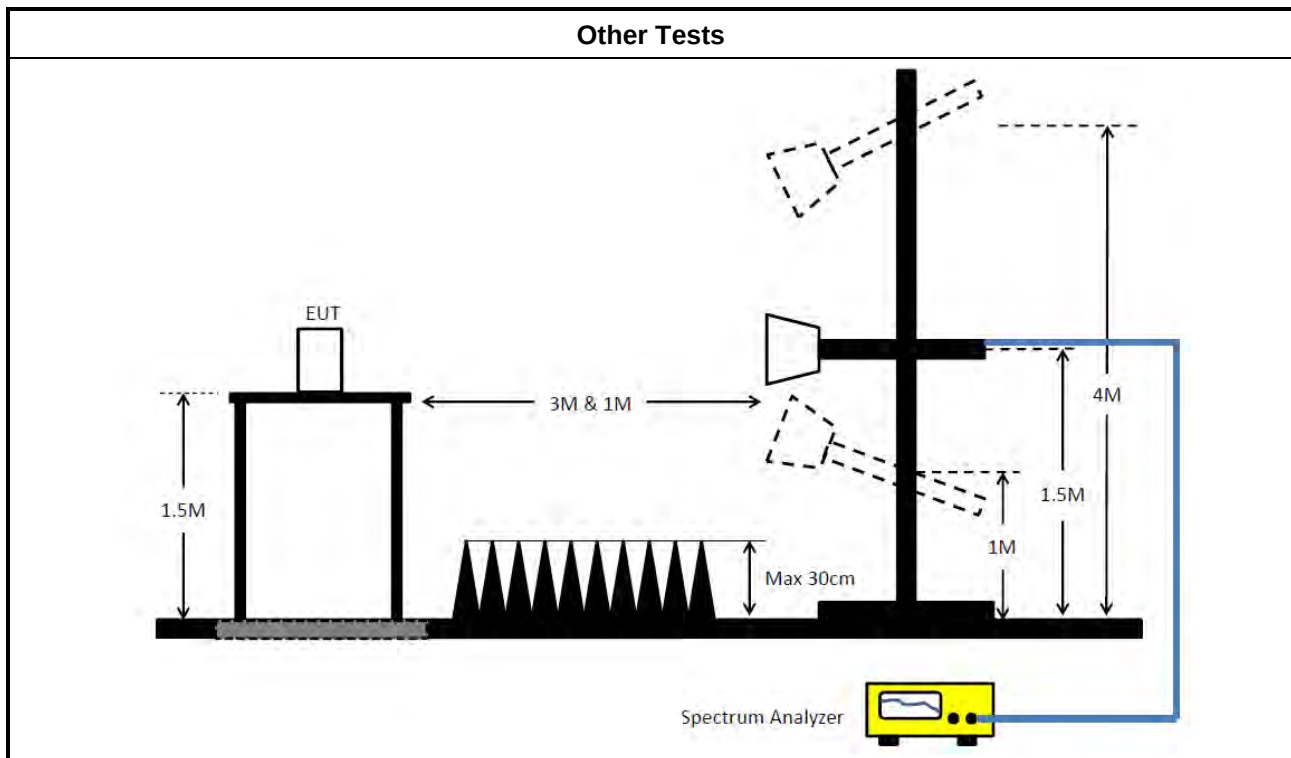
3.5.3 Test Procedures

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

3.5.4 Test Setup







3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Test Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jun. 06, 2026	Jun. 05, 2027	Conduction (CO02-CB)
COND Cable	Woken	Cable	CO02	0.15MHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Jan. 29, 2026	Jan. 28, 2027	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Feb. 25, 2026	Feb. 24, 2027	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 31, 2025	Jul. 30, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 30, 2026	Jul. 29, 2027	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	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)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 30, 2026	Apr. 29, 2027	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 15, 2026	Jun. 14, 2027	Radiation (03CH05-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 (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May. 08, 2026	May. 07, 2027	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May. 02, 2026	May. 01, 2027	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Jan. 26, 2026	Jan. 25, 2027	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May. 15, 2026	May. 14, 2027	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2025	Dec. 11, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH02-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 (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 20, 2025	Aug. 19, 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)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 30, 2026	Jun. 29, 2027	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. 07, 2026	Jul. 06, 2027	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jun. 24, 2026	Jun. 23, 2027	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)

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

NCR means Non-Calibration required.



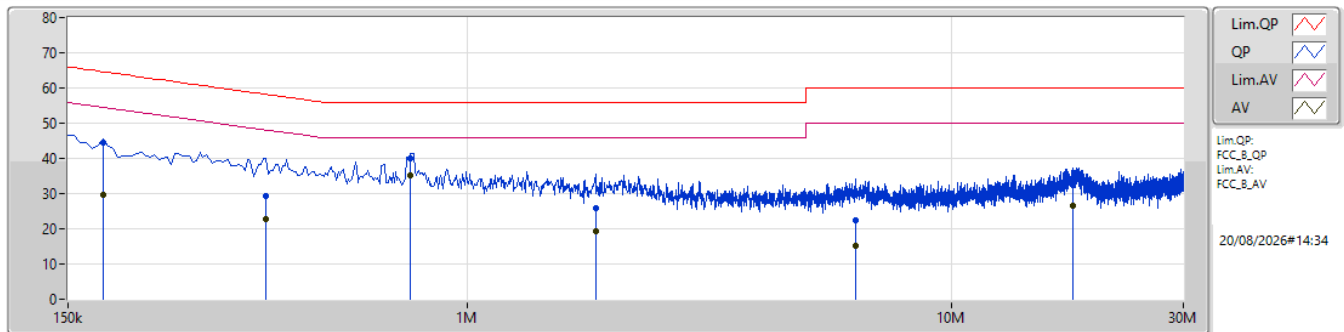
Conducted Emissions at Powerline

Appendix A

Summary

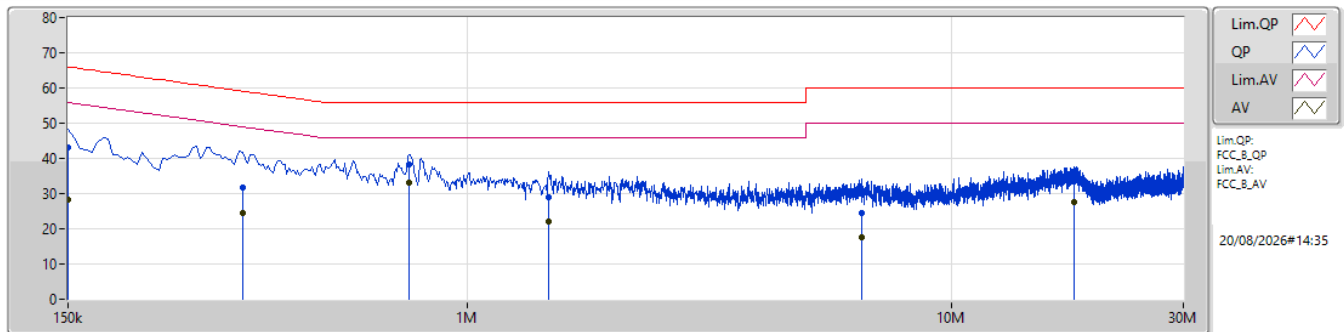
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	762k	35.04	46.00	-10.96	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	177k	44.58	64.62	-20.04	10.37	Line	-	34.21	0.12	0.23	10.02						
AV	177k	29.52	54.62	-25.10	10.37	Line	-	19.15	0.12	0.23	10.02						
QP	384k	29.46	58.20	-28.74	10.48	Line	-	18.98	0.12	0.28	10.08						
AV	384k	22.61	48.20	-25.59	10.48	Line	-	12.13	0.12	0.28	10.08						
QP	762k	39.88	56.00	-16.12	10.53	Line	-	29.35	0.16	0.25	10.12						
AV	762k	35.04	46.00	-10.96	10.53	Line	"Worst"	24.51	0.16	0.25	10.12						
QP	1.842M	25.95	56.00	-30.05	10.49	Line	-	15.46	0.22	0.26	10.01						
AV	1.842M	19.31	46.00	-26.69	10.49	Line	-	8.82	0.22	0.26	10.01						
QP	6.311M	22.55	60.00	-37.45	10.95	Line	-	11.60	0.49	0.32	10.14						
AV	6.311M	15.25	50.00	-34.75	10.95	Line	-	4.30	0.49	0.32	10.14						
QP	17.781M	32.45	60.00	-27.55	11.89	Line	-	20.56	1.00	0.35	10.54						
AV	17.781M	26.54	50.00	-23.46	11.89	Line	-	14.65	1.00	0.35	10.54						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	43.03	66.00	-22.97	10.48	Neutral	-	32.55	0.12	0.27	10.09						
AV	150k	28.15	56.00	-27.85	10.48	Neutral	-	17.67	0.12	0.27	10.09						
QP	343.5k	31.63	59.12	-27.49	10.45	Neutral	-	21.18	0.13	0.26	10.06						
AV	343.5k	24.56	49.12	-24.56	10.45	Neutral	-	14.11	0.13	0.26	10.06						
QP	757.5k	38.12	56.00	-17.88	10.51	Neutral	-	27.61	0.14	0.25	10.12						
AV	757.5k	32.96	46.00	-13.04	10.51	Neutral	"Worst"	22.45	0.14	0.25	10.12						
QP	1.473M	29.05	56.00	-26.95	10.48	Neutral	-	18.57	0.18	0.25	10.05						
AV	1.473M	22.05	46.00	-23.95	10.48	Neutral	-	11.57	0.18	0.25	10.05						
QP	6.504M	24.65	60.00	-35.35	10.91	Neutral	-	13.74	0.44	0.32	10.15						
AV	6.504M	17.45	50.00	-32.55	10.91	Neutral	-	6.54	0.44	0.32	10.15						
QP	17.826M	33.38	60.00	-26.62	11.79	Neutral	-	21.59	0.90	0.35	10.54						
AV	17.826M	27.57	50.00	-22.43	11.79	Neutral	-	15.78	0.90	0.35	10.54						

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)_4TX	23.43M	16.926M	16M9D1D	21.615M	16.684M
802.11ac_VHT20_Nss1,(MCS0)_4TX	23.045M	17.903M	17M9D1D	21.395M	17.812M
802.11be_EHT20_Nss1,(MCS0)_4TX	23.375M	19.101M	19M1D1D	21.615M	19.009M
802.11be_EHT20_Nss4,(MCS0)_4TX	22.77M	19.075M	19M1D1D	21.505M	19.001M
802.11ac_VHT40_Nss1,(MCS0)_4TX	45.21M	36.556M	36M6D1D	42.79M	36.465M
802.11be_EHT40_Nss1,(MCS0)_4TX	43.78M	38.04M	38M0D1D	41.8M	37.894M
802.11be_EHT40_Nss4,(MCS0)_4TX	45.1M	38.029M	38M0D1D	41.47M	37.931M
802.11ac_VHT80_Nss1,(MCS0)_4TX	92.62M	76.336M	76M3D1D	91.08M	76.213M
802.11be_EHT80_Nss1,(MCS0)_4TX	90.42M	77.699M	77M7D1D	86.02M	77.523M
802.11be_EHT80_Nss4,(MCS0)_4TX	86.9M	77.594M	77M6D1D	85.8M	77.532M
802.11ac_VHT160_Nss1,(MCS0)_4TX	85.92M	76.351M	76M4D1D	82.96M	76.063M
802.11be_EHT160_Nss1,(MCS0)_4TX	84.24M	77.809M	77M8D1D	81.12M	77.561M
802.11be_EHT160_Nss4,(MCS0)_4TX	84.08M	77.597M	77M6D1D	82.16M	77.521M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.605M	16.76M	16M8D1D	21.45M	16.673M
802.11ac_VHT20_Nss1,(MCS0)_4TX	23.485M	17.883M	17M9D1D	21.835M	17.774M
802.11be_EHT20_Nss1,(MCS0)_4TX	22.88M	19.053M	19M1D1D	21.56M	18.99M
802.11be_EHT20_Nss4,(MCS0)_4TX	22.66M	19.087M	19M1D1D	21.615M	18.996M
802.11ac_VHT40_Nss1,(MCS0)_4TX	44.99M	36.627M	36M6D1D	43.45M	36.494M
802.11be_EHT40_Nss1,(MCS0)_4TX	43.01M	38.046M	38M0D1D	41.8M	37.931M
802.11be_EHT40_Nss4,(MCS0)_4TX	43.67M	38.052M	38M1D1D	41.91M	37.858M
802.11ac_VHT80_Nss1,(MCS0)_4TX	90.64M	76.286M	76M3D1D	86.68M	76.102M
802.11be_EHT80_Nss1,(MCS0)_4TX	86.24M	77.639M	77M6D1D	85.14M	77.588M
802.11be_EHT80_Nss4,(MCS0)_4TX	87.78M	77.653M	77M7D1D	84.48M	77.52M
802.11ac_VHT160_Nss1,(MCS0)_4TX	86.8M	76.313M	76M3D1D	84.88M	76.082M
802.11be_EHT160_Nss1,(MCS0)_4TX	84.72M	77.666M	77M7D1D	83.68M	77.53M
802.11be_EHT160_Nss4,(MCS0)_4TX	85.84M	77.574M	77M6D1D	84.48M	77.482M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.88M	16.761M	16M8D1D	15.87M	13.374M
802.11ac_VHT20_Nss1,(MCS0)_4TX	23.155M	17.884M	17M9D1D	16.11M	13.913M
802.11be_EHT20_Nss1,(MCS0)_4TX	22.935M	19.063M	19M1D1D	15.81M	14.486M
802.11be_EHT20_Nss4,(MCS0)_4TX	22.715M	19.055M	19M1D1D	16.035M	14.468M
802.11ac_VHT40_Nss1,(MCS0)_4TX	45.21M	36.657M	36M7D1D	36.155M	33.136M
802.11be_EHT40_Nss1,(MCS0)_4TX	44M	37.987M	38M0D1D	35.91M	33.798M
802.11be_EHT40_Nss4,(MCS0)_4TX	44.11M	38.02M	38M0D1D	35.735M	33.829M
802.11ac_VHT80_Nss1,(MCS0)_4TX	94.16M	76.29M	76M3D1D	80.1M	72.696M
802.11be_EHT80_Nss1,(MCS0)_4TX	89.32M	77.623M	77M6D1D	77.475M	73.452M
802.11be_EHT80_Nss4,(MCS0)_4TX	89.1M	77.777M	77M8D1D	77.325M	73.365M
802.11ac_VHT160_Nss1,(MCS0)_4TX	172.92M	155.617M	156MD1D	169.4M	155.16M
802.11be_EHT160_Nss1,(MCS0)_4TX	168.52M	156.847M	157MD1D	166.32M	156.624M
802.11be_EHT160_Nss4,(MCS0)_4TX	170.28M	156.842M	157MD1D	166.76M	156.694M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.555M	19.956M	20M0D1D	3.14M	4M
802.11ac_VHT20_Nss1,(MCS0)_4TX	17.82M	23.439M	23M4D1D	3.88M	4.356M
802.11be_EHT20_Nss1,(MCS0)_4TX	19.14M	20.727M	20M7D1D	4.32M	4.544M
802.11be_EHT20_Nss4,(MCS0)_4TX	19.14M	22.005M	22M0D1D	4.26M	4.538M
802.11ac_VHT40_Nss1,(MCS0)_4TX	36.52M	37.156M	37M2D1D	3.2M	4.333M
802.11be_EHT40_Nss1,(MCS0)_4TX	38.28M	38.345M	38M3D1D	3.7M	4.221M
802.11be_EHT40_Nss4,(MCS0)_4TX	38.17M	38.395M	38M4D1D	4.06M	4.182M
802.11ac_VHT80_Nss1,(MCS0)_4TX	76.56M	76.274M	76M3D1D	3.24M	7.488M
802.11be_EHT80_Nss1,(MCS0)_4TX	78.32M	77.757M	77M8D1D	3.92M	5.628M
802.11be_EHT80_Nss4,(MCS0)_4TX	77.88M	77.689M	77M7D1D	4.04M	5.657M

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



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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.89M	16.705M	21.67M	16.704M	22.715M	16.684M	21.615M	16.707M
5200MHz	Pass	Inf	22.165M	16.879M	22.935M	16.926M	22.825M	16.891M	22.99M	16.873M
5240MHz	Pass	Inf	22.44M	16.8M	22.715M	16.813M	23.43M	16.763M	22.385M	16.856M
5260MHz	Pass	Inf	22.055M	16.676M	21.67M	16.701M	21.45M	16.732M	21.835M	16.722M
5300MHz	Pass	Inf	21.945M	16.743M	22.165M	16.686M	21.945M	16.76M	21.56M	16.68M
5320MHz	Pass	Inf	22.275M	16.673M	22.495M	16.693M	22.605M	16.684M	22.055M	16.696M
5500MHz	Pass	Inf	21.505M	16.761M	21.45M	16.704M	21.175M	16.706M	21.395M	16.696M
5580MHz	Pass	Inf	21.835M	16.702M	22.055M	16.664M	21.45M	16.689M	21.835M	16.682M
5700MHz	Pass	Inf	21.56M	16.714M	21.945M	16.698M	22.88M	16.736M	21.725M	16.717M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.08M	13.45M	15.87M	13.406M	15.87M	13.431M	16.32M	13.374M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.097M	3.24M	4.135M	3.16M	4.147M	3.14M	4M
5745MHz	Pass	500k	16.39M	16.719M	16.5M	17.436M	16.5M	16.967M	16.445M	16.821M
5785MHz	Pass	500k	16.335M	16.815M	16.5M	17.019M	16.5M	17.062M	16.555M	16.883M
5825MHz	Pass	500k	16.555M	18.456M	16.555M	18.406M	16.555M	19.956M	16.39M	19.504M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.55M	17.865M	21.395M	17.848M	22.055M	17.854M	22.385M	17.87M
5200MHz	Pass	Inf	22.77M	17.863M	22.055M	17.877M	23.045M	17.853M	22.66M	17.851M
5240MHz	Pass	Inf	22.935M	17.881M	21.67M	17.812M	22.275M	17.842M	22.385M	17.903M
5260MHz	Pass	Inf	21.835M	17.858M	23.485M	17.883M	22.88M	17.815M	22.165M	17.824M
5300MHz	Pass	Inf	22.77M	17.874M	22.715M	17.806M	23.265M	17.774M	21.945M	17.814M
5320MHz	Pass	Inf	22.605M	17.845M	22.11M	17.813M	22.22M	17.82M	22.605M	17.832M
5500MHz	Pass	Inf	22.22M	17.864M	22.66M	17.84M	22.165M	17.817M	23.155M	17.884M
5580MHz	Pass	Inf	22M	17.838M	22.44M	17.847M	21.725M	17.814M	23.1M	17.882M
5700MHz	Pass	Inf	21.945M	17.833M	22.825M	17.843M	22.66M	17.834M	22.055M	17.843M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.14M	13.913M	16.11M	13.961M	16.2M	13.925M	16.2M	13.947M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.436M	3.9M	4.423M	3.88M	4.356M	3.9M	4.405M
5745MHz	Pass	500k	16.94M	17.882M	17.6M	18.175M	17.82M	18.175M	17.765M	17.905M
5785MHz	Pass	500k	17.82M	17.893M	17.765M	18.074M	17.82M	18.074M	17.71M	17.983M
5825MHz	Pass	500k	17.6M	19.942M	17.765M	19.818M	17.6M	23.439M	17.765M	22.628M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.21M	36.514M	43.67M	36.546M	44M	36.539M	44.55M	36.474M
5230MHz	Pass	Inf	44.33M	36.48M	44.44M	36.465M	43.34M	36.556M	42.79M	36.507M
5270MHz	Pass	Inf	44.88M	36.537M	44.44M	36.591M	44M	36.591M	43.78M	36.52M
5310MHz	Pass	Inf	44.99M	36.627M	43.45M	36.544M	43.67M	36.531M	44.33M	36.494M
5510MHz	Pass	Inf	44.55M	36.522M	44.88M	36.53M	43.34M	36.59M	43.56M	36.48M
5550MHz	Pass	Inf	45.21M	36.587M	44.22M	36.577M	44.33M	36.485M	44.44M	36.545M
5670MHz	Pass	Inf	43.67M	36.657M	44.55M	36.521M	44.11M	36.471M	44.22M	36.426M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.065M	33.197M	36.96M	33.156M	36.645M	33.136M	36.155M	33.149M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.484M	3.26M	4.572M	3.2M	4.333M	3.24M	4.593M
5755MHz	Pass	500k	36.52M	36.627M	36.3M	36.804M	36.3M	36.628M	36.52M	36.504M
5795MHz	Pass	500k	36.41M	36.741M	36.41M	37.156M	36.52M	37.029M	36.52M	36.638M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	91.08M	76.213M	92.62M	76.297M	91.52M	76.336M	91.52M	76.253M
5290MHz	Pass	Inf	90.64M	76.194M	86.68M	76.167M	88.66M	76.102M	89.1M	76.286M
5530MHz	Pass	Inf	90.2M	76.208M	94.16M	76.283M	91.74M	76.234M	87.56M	76.132M
5610MHz	Pass	Inf	92.18M	76.29M	91.74M	76.236M	91.96M	76.12M	86.46M	76.139M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	81.3M	72.738M	80.85M	72.709M	80.1M	72.815M	80.325M	72.696M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	8.149M	3.26M	7.74M	3.26M	7.721M	3.24M	7.488M
5775MHz	Pass	500k	76.56M	76.228M	75.68M	76.274M	76.56M	76.202M	75.68M	76.156M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	85.92M	76.25M	82.96M	76.063M	85.6M	76.351M	83.2M	76.213M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.96M	76.082M	85.36M	76.313M	86.8M	76.151M	84.88M	76.217M
5570MHz	Pass	Inf	169.4M	155.16M	172.92M	155.226M	171.16M	155.617M	172.04M	155.356M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5180MHz	Pass	Inf	21.725M	19.072M	22.165M	19.023M	22.385M	19.009M	22.605M	19.033M
5200MHz	Pass	Inf	21.615M	19.035M	23.375M	19.058M	22.275M	19.036M	21.615M	19.035M
5240MHz	Pass	Inf	22.055M	19.037M	21.945M	19.101M	21.835M	19.047M	22.88M	19.026M
5260MHz	Pass	Inf	22.33M	18.997M	22.88M	19.041M	22.165M	18.997M	22.11M	19.053M
5300MHz	Pass	Inf	21.945M	19.004M	22.33M	19M	21.78M	18.995M	22.825M	18.99M
5320MHz	Pass	Inf	22.55M	19.023M	22.11M	19.032M	21.56M	19.036M	22.275M	19.045M
5500MHz	Pass	Inf	21.395M	18.992M	22.935M	19.063M	22.11M	19.019M	21.945M	19.039M
5580MHz	Pass	Inf	22.715M	19.013M	22M	19.044M	21.89M	19.049M	22.825M	19.037M
5700MHz	Pass	Inf	21.23M	19.018M	22.33M	19.029M	21.945M	18.976M	22.55M	19.007M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.81M	14.49M	16.125M	14.517M	16.395M	14.508M	16.335M	14.486M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.32M	4.611M	4.54M	4.585M	4.52M	4.544M	4.52M	4.544M
5745MHz	Pass	500k	19.085M	19.049M	19.14M	19.223M	19.03M	19.139M	19.14M	19.039M
5785MHz	Pass	500k	18.975M	19.031M	19.03M	19.129M	18.7M	19.187M	19.03M	19.088M
5825MHz	Pass	500k	19.14M	19.639M	18.92M	19.701M	19.14M	20.727M	19.14M	20.451M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	42.68M	37.98M	42.68M	37.95M	42.9M	37.975M	41.8M	38.04M
5230MHz	Pass	Inf	43.78M	38.009M	43.12M	37.894M	42.9M	37.973M	41.91M	37.945M
5270MHz	Pass	Inf	43.01M	38.037M	42.68M	38.046M	42.9M	37.947M	42.24M	37.948M
5310MHz	Pass	Inf	42.13M	37.959M	42.79M	37.938M	42.9M	38.031M	41.8M	37.931M
5510MHz	Pass	Inf	42.46M	37.987M	44M	37.955M	43.34M	37.98M	42.46M	37.949M
5550MHz	Pass	Inf	42.57M	37.986M	42.79M	37.926M	42.13M	37.9M	42.13M	37.953M
5670MHz	Pass	Inf	43.45M	37.886M	42.57M	37.952M	42.46M	37.885M	42.9M	37.855M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.26M	33.947M	36.26M	33.83M	35.91M	33.835M	36.05M	33.798M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.282M	3.7M	4.257M	4.08M	4.221M	4.08M	4.408M
5755MHz	Pass	500k	37.84M	38.029M	38.17M	38M	38.28M	37.92M	37.84M	38.029M
5795MHz	Pass	500k	37.95M	38.128M	38.06M	38.249M	38.17M	38.345M	38.06M	38.117M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.02M	77.681M	88.66M	77.699M	86.9M	77.523M	90.42M	77.563M
5290MHz	Pass	Inf	85.58M	77.639M	86.24M	77.615M	85.8M	77.604M	85.14M	77.588M
5330MHz	Pass	Inf	85.36M	77.594M	87.56M	77.623M	86.24M	77.612M	86.02M	77.546M
5610MHz	Pass	Inf	89.32M	77.577M	87.34M	77.623M	87.78M	77.507M	89.1M	77.616M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.425M	73.541M	79.125M	73.484M	77.475M	73.452M	78.525M	73.52M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	5.755M	4.08M	5.998M	3.92M	5.628M	4.06M	5.981M
5775MHz	Pass	500k	78.1M	77.704M	78.32M	77.61M	77.88M	77.757M	77.88M	77.608M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	84.24M	77.809M	83.04M	77.564M	81.12M	77.565M	82.48M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.72M	77.635M	84.24M	77.625M	84.56M	77.666M	83.68M	77.53M
5570MHz	Pass	Inf	166.32M	156.624M	168.08M	156.715M	168.52M	156.847M	167.64M	156.743M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.055M	19.07M	22.11M	19.034M	22M	19.075M	21.56M	19.001M
5200MHz	Pass	Inf	22M	19.017M	22.715M	19.06M	21.505M	19.051M	22.44M	19.022M
5240MHz	Pass	Inf	22.275M	19.065M	21.67M	19.02M	22.77M	19.042M	22.055M	19.048M
5260MHz	Pass	Inf	22.495M	18.996M	22.22M	19.087M	22.66M	19.041M	22.385M	19M
5300MHz	Pass	Inf	21.615M	19.01M	21.67M	19.013M	21.725M	19.03M	22.495M	19.01M
5320MHz	Pass	Inf	21.615M	19.021M	21.835M	19.011M	22.66M	19.022M	22.33M	19M
5500MHz	Pass	Inf	22M	19.017M	22.605M	19.001M	21.945M	18.999M	22.165M	19.035M
5580MHz	Pass	Inf	22.55M	19.035M	21.56M	19.055M	22.11M	19.02M	21.725M	18.994M
5700MHz	Pass	Inf	22.495M	19.038M	21.615M	19.001M	22.715M	19.014M	21.34M	19.023M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.23M	14.504M	16.155M	14.468M	16.11M	14.498M	16.035M	14.481M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.26M	4.563M	4.5M	4.574M	4.52M	4.565M	4.5M	4.538M
5745MHz	Pass	500k	19.14M	19.032M	19.14M	19.155M	19.14M	19.102M	19.14M	19.072M
5785MHz	Pass	500k	19.14M	19.039M	19.085M	19.145M	19.085M	19.096M	19.14M	19.067M
5825MHz	Pass	500k	19.14M	19.612M	17.38M	19.867M	19.14M	22.005M	19.14M	20.856M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.47M	37.977M	42.9M	37.946M	45.1M	37.939M	41.69M	37.937M
5230MHz	Pass	Inf	42.68M	37.957M	43.01M	38.006M	44.22M	38.029M	43.23M	37.931M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5270MHz	Pass	Inf	43.67M	37.912M	41.91M	38.017M	42.35M	38.009M	43.34M	37.858M
5310MHz	Pass	Inf	43.34M	37.991M	42.24M	38.052M	42.02M	37.91M	42.68M	37.963M
5510MHz	Pass	Inf	44.11M	37.934M	42.9M	37.94M	43.34M	37.946M	43.34M	37.912M
5550MHz	Pass	Inf	43.23M	37.916M	42.68M	37.955M	43.56M	38.02M	42.02M	37.995M
5670MHz	Pass	Inf	43.45M	37.843M	43.45M	37.922M	42.24M	37.903M	42.79M	37.918M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.38M	33.829M	36.75M	33.847M	36.68M	33.844M	35.735M	33.835M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.251M	4.06M	4.182M	4.1M	4.243M	4.06M	4.188M
5755MHz	Pass	500k	38.17M	38.019M	37.95M	38.124M	38.06M	38.057M	38.17M	38.058M
5795MHz	Pass	500k	37.84M	38.101M	37.95M	38.296M	38.06M	38.395M	38.17M	38.259M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	85.8M	77.594M	86.9M	77.572M	86.24M	77.566M	86.46M	77.532M
5290MHz	Pass	Inf	87.78M	77.535M	87.56M	77.653M	84.48M	77.648M	86.68M	77.52M
5530MHz	Pass	Inf	89.1M	77.659M	87.12M	77.635M	85.8M	77.599M	83.16M	77.632M
5610MHz	Pass	Inf	86.46M	77.635M	88.22M	77.777M	88.66M	77.659M	85.14M	77.609M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.325M	73.432M	78.15M	73.469M	78.6M	73.365M	79.8M	73.38M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	5.657M	4.04M	5.825M	4.08M	6.298M	4.06M	6.442M
5775MHz	Pass	500k	76.56M	77.59M	77.88M	77.58M	77.44M	77.552M	77.66M	77.689M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.6M	77.521M	83.28M	77.556M	84.08M	77.597M	82.16M	77.551M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.88M	77.574M	84.48M	77.482M	84.8M	77.536M	85.84M	77.528M
5570MHz	Pass	Inf	170.28M	156.694M	169.4M	156.842M	166.76M	156.694M	167.2M	156.728M

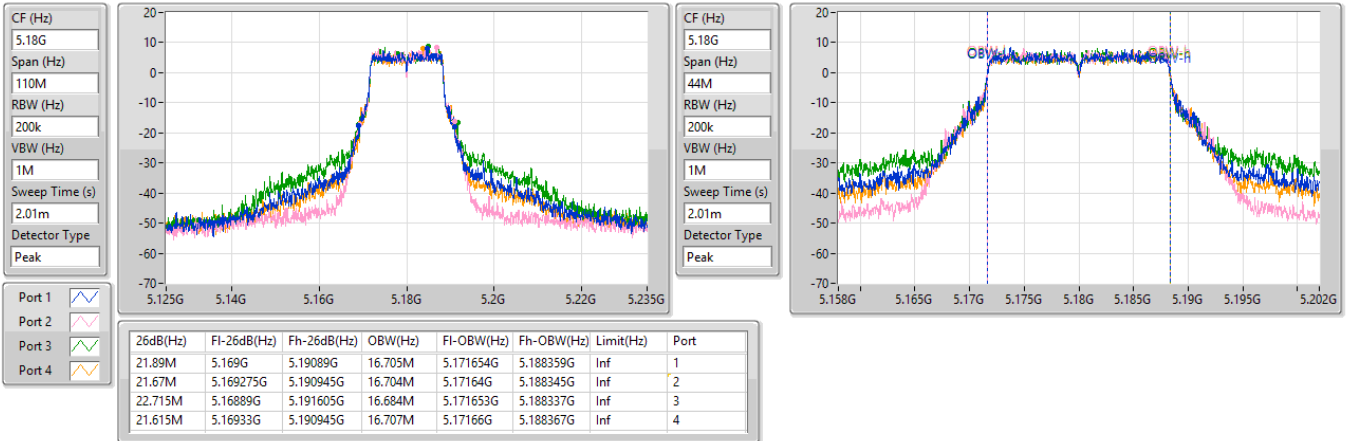
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

01/08/2026

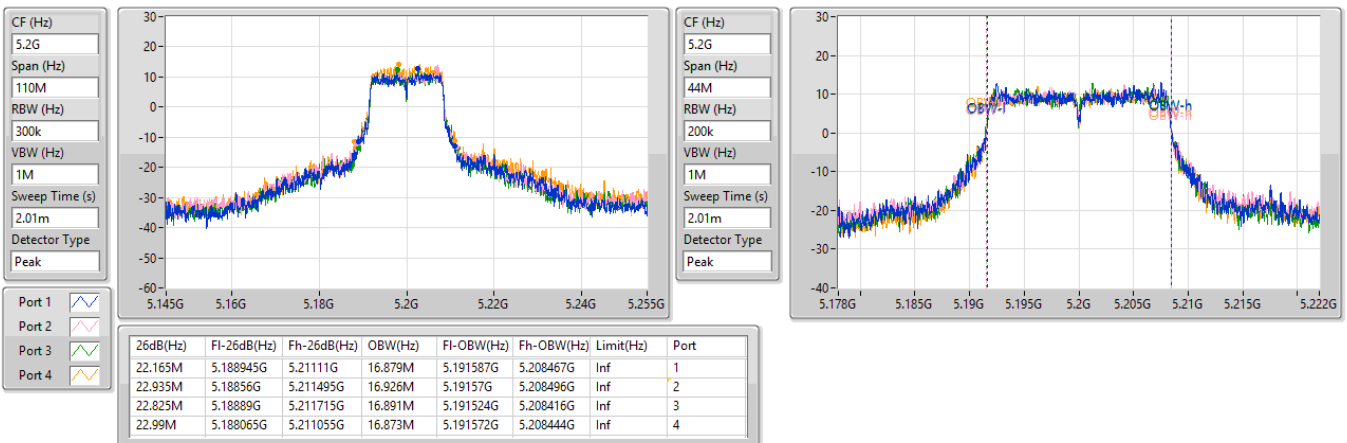


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

01/08/2026

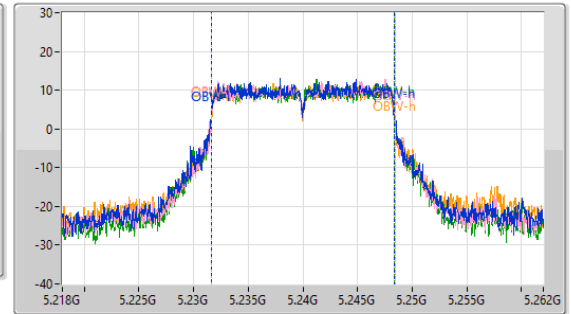
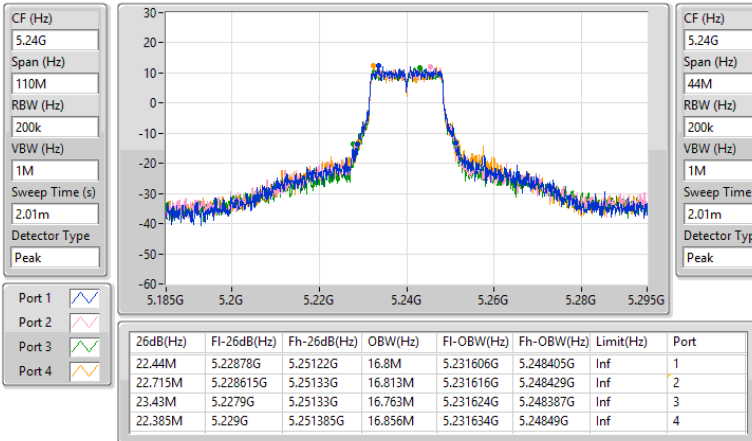


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

01/08/2026

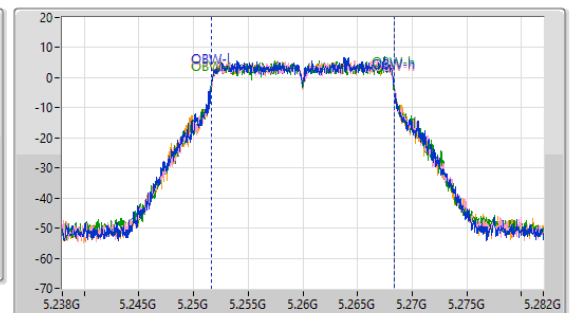
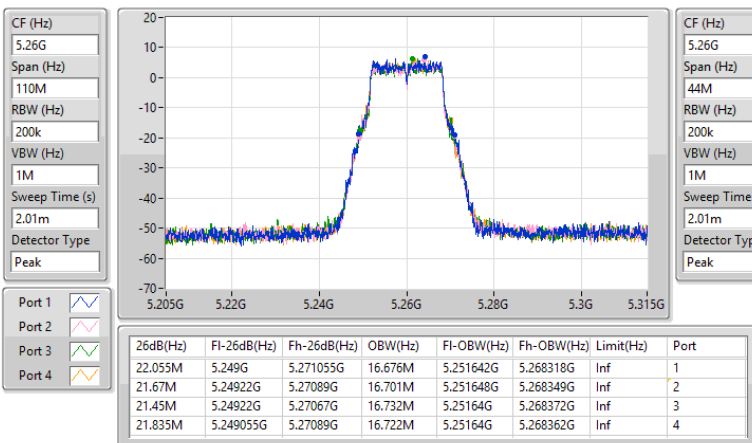


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

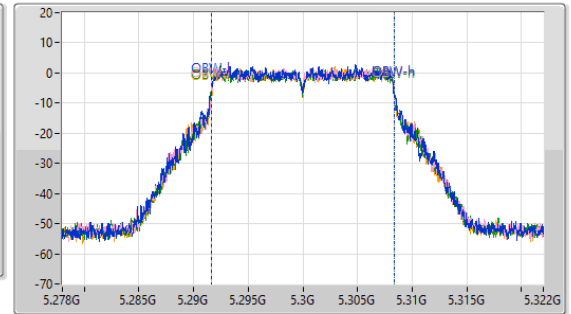
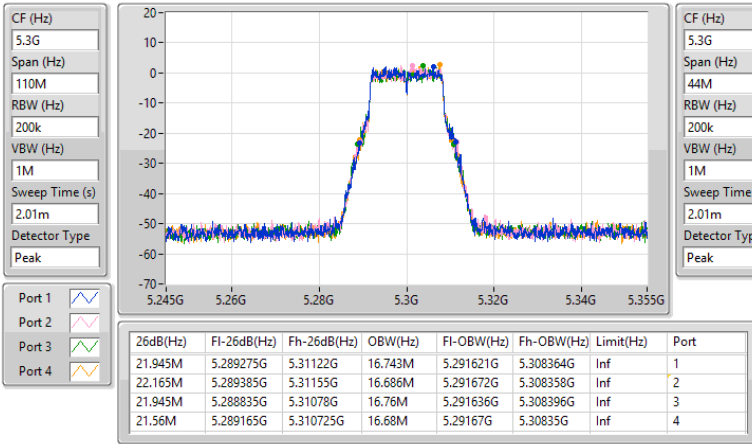
5260MHz

01/08/2026

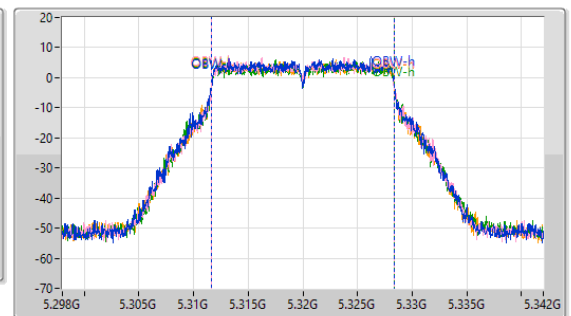
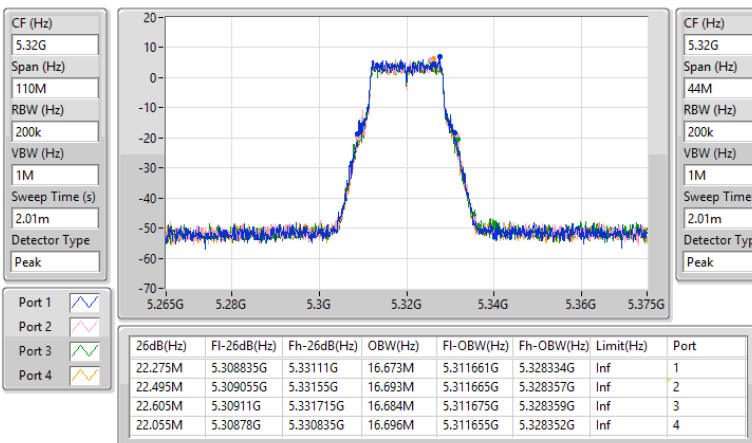


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

01/08/2026

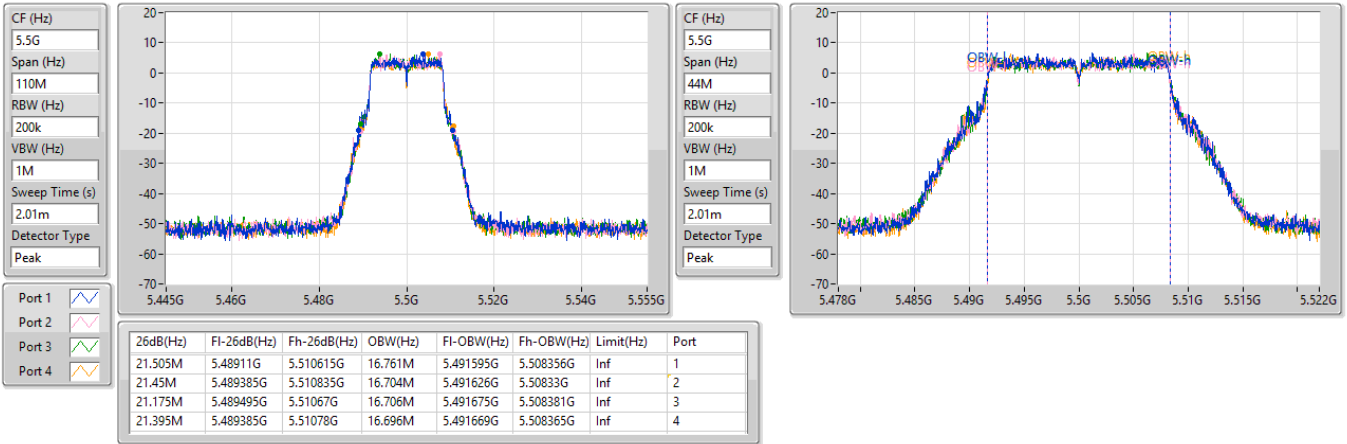

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

01/08/2026

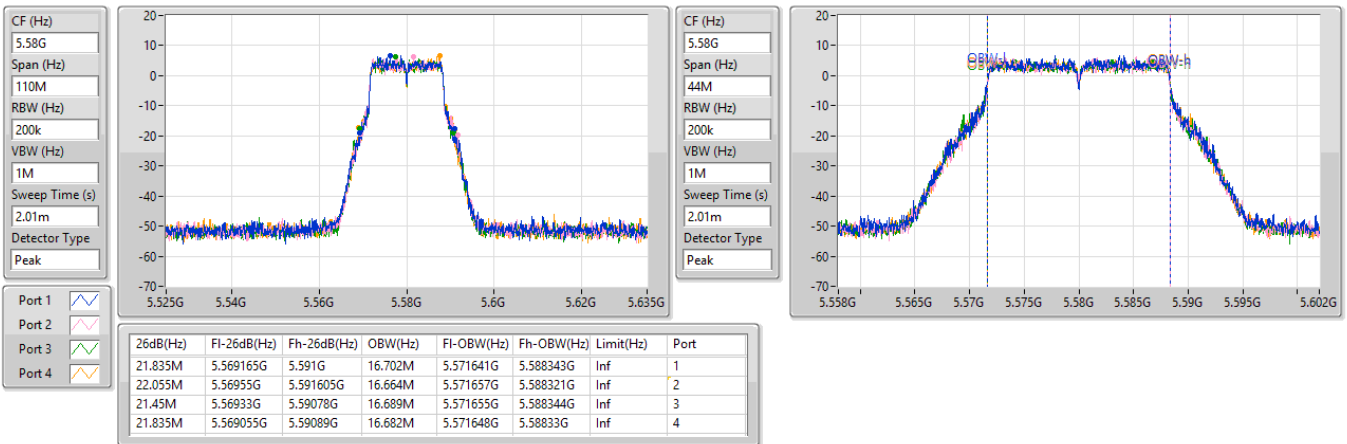


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

01/08/2026

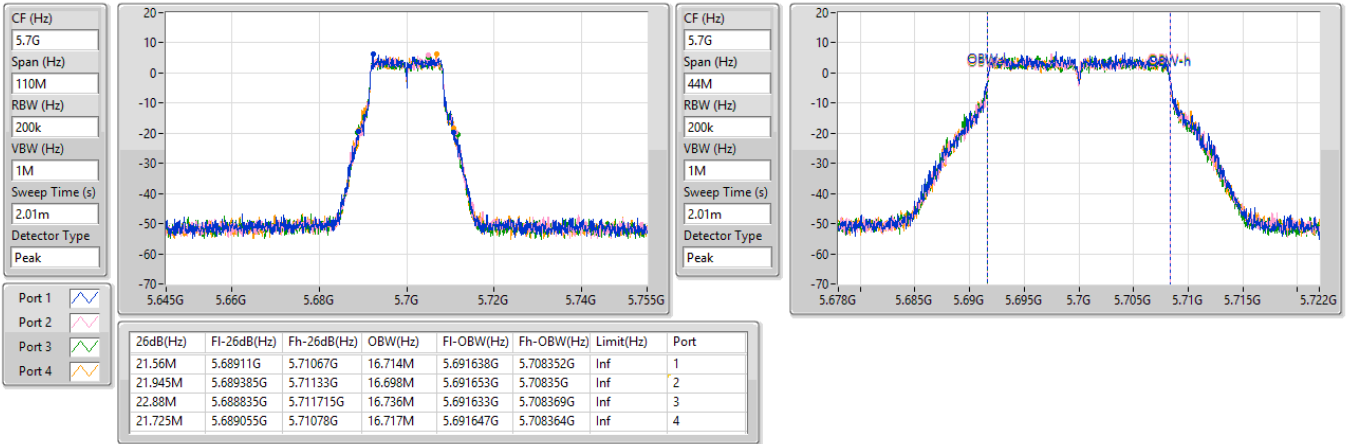

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

01/08/2026

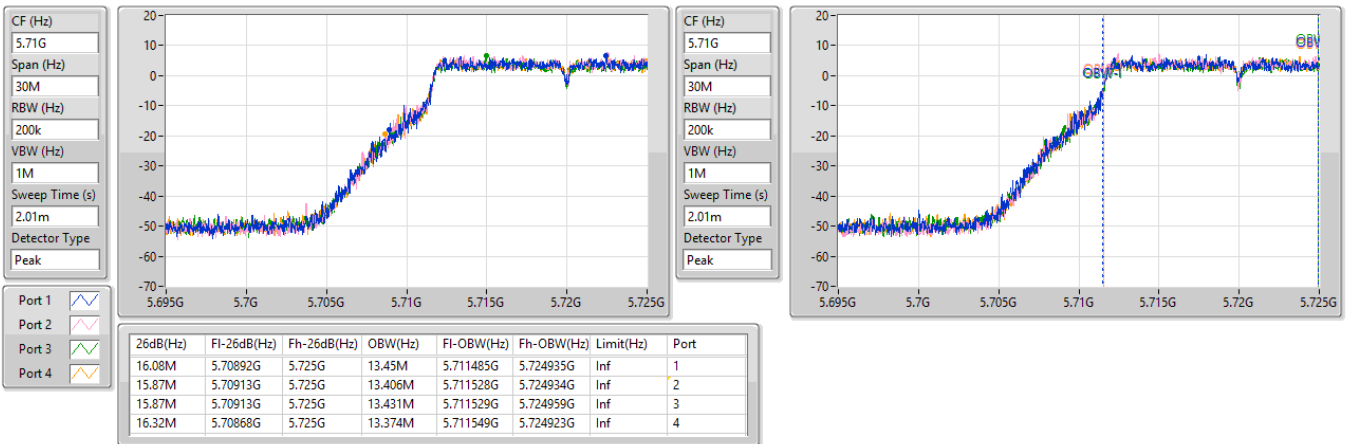


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

01/08/2026


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/08/2026

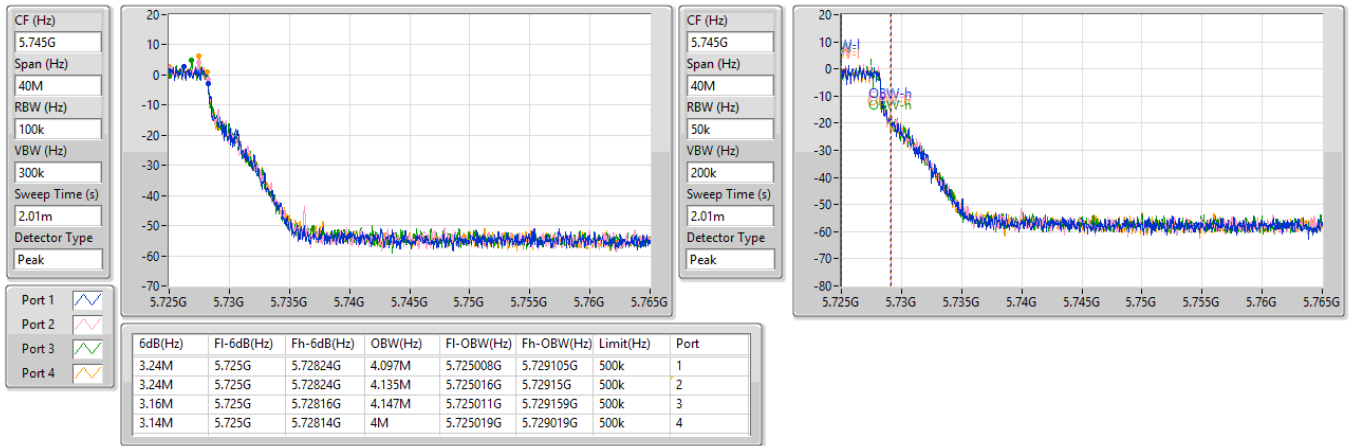


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2026

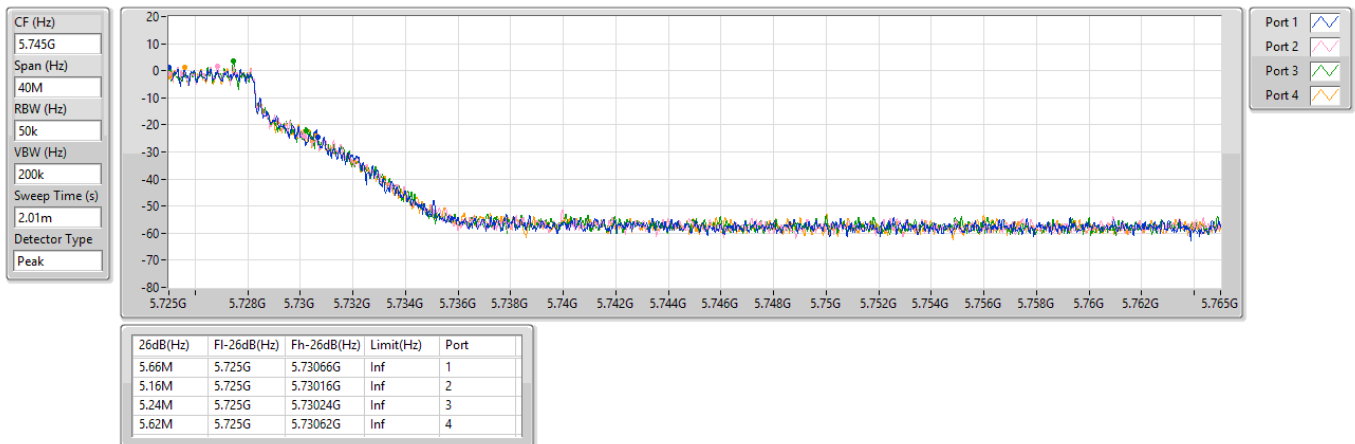


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

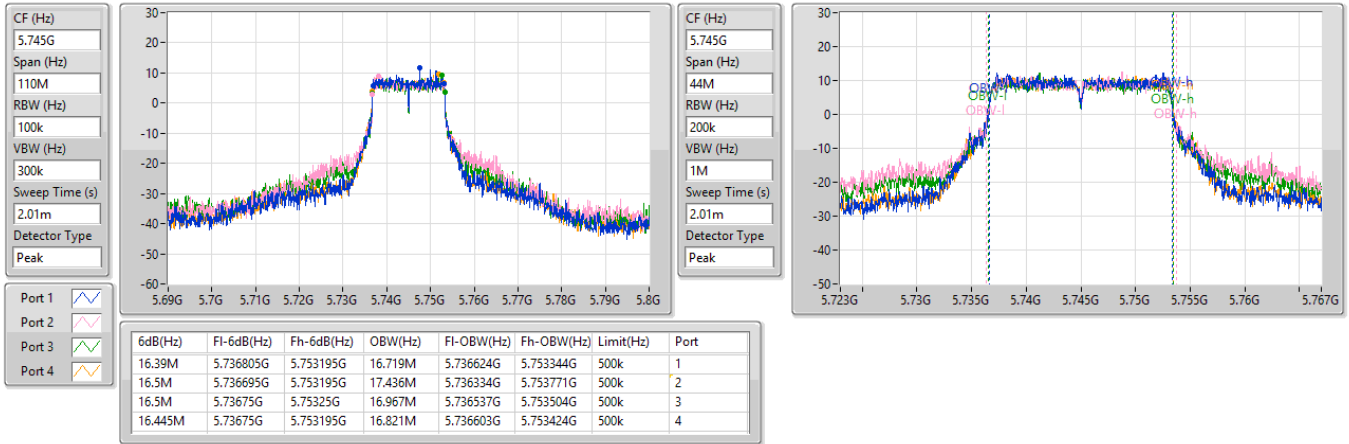
5720MHz Straddle 5.725-5.85GHz

01/08/2026

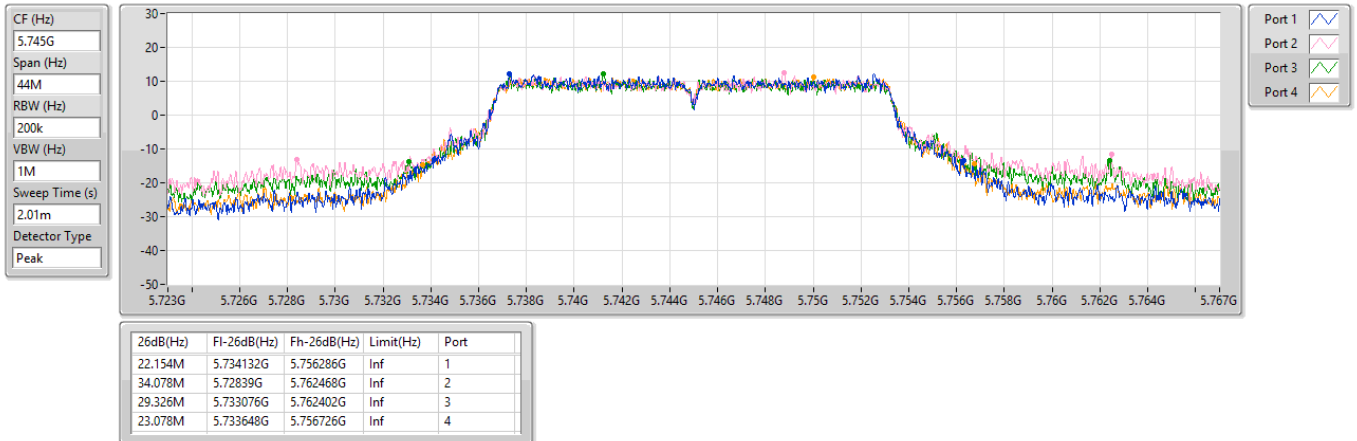


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

01/08/2026


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

01/08/2026

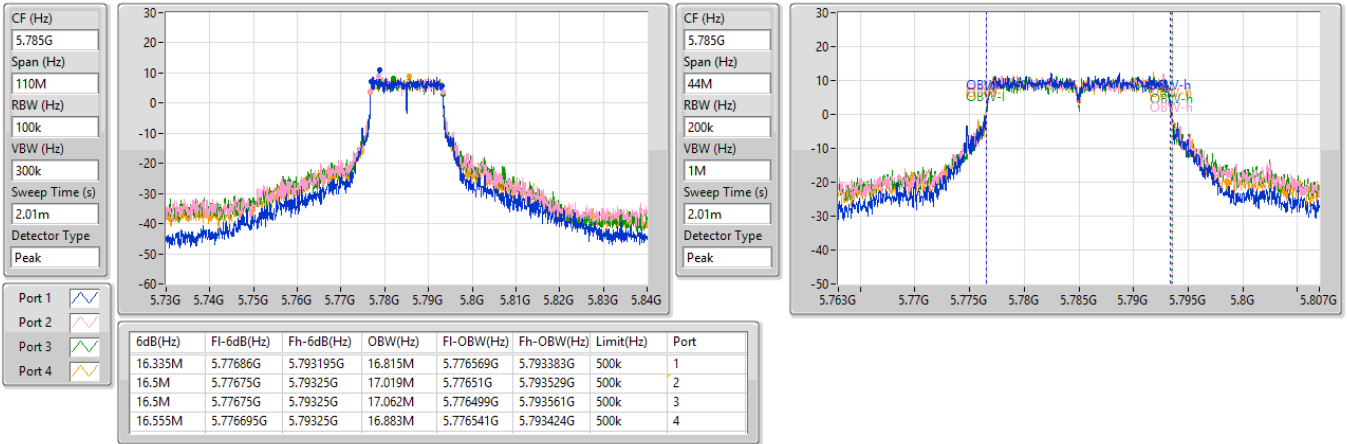


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

01/08/2026

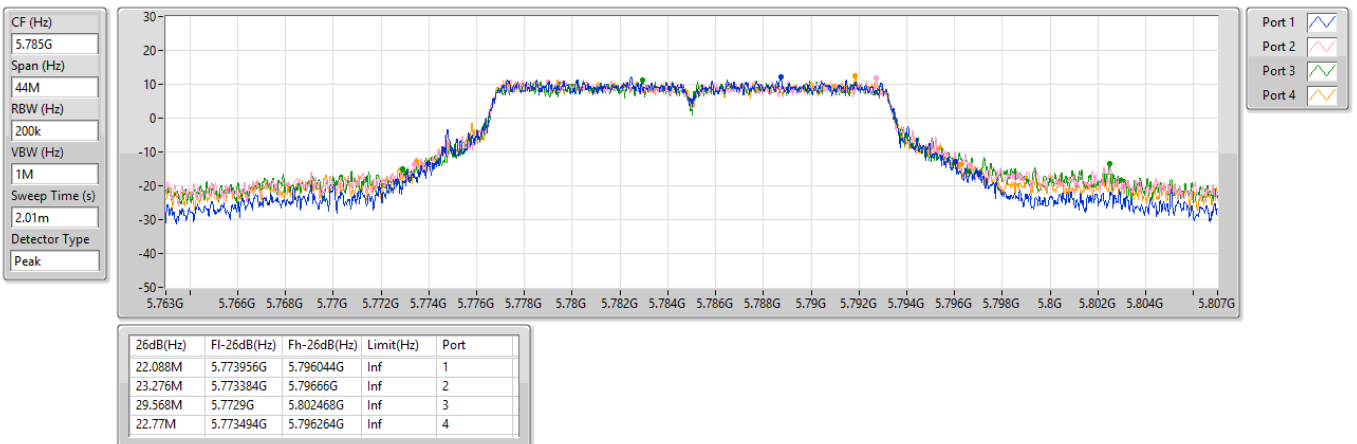


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

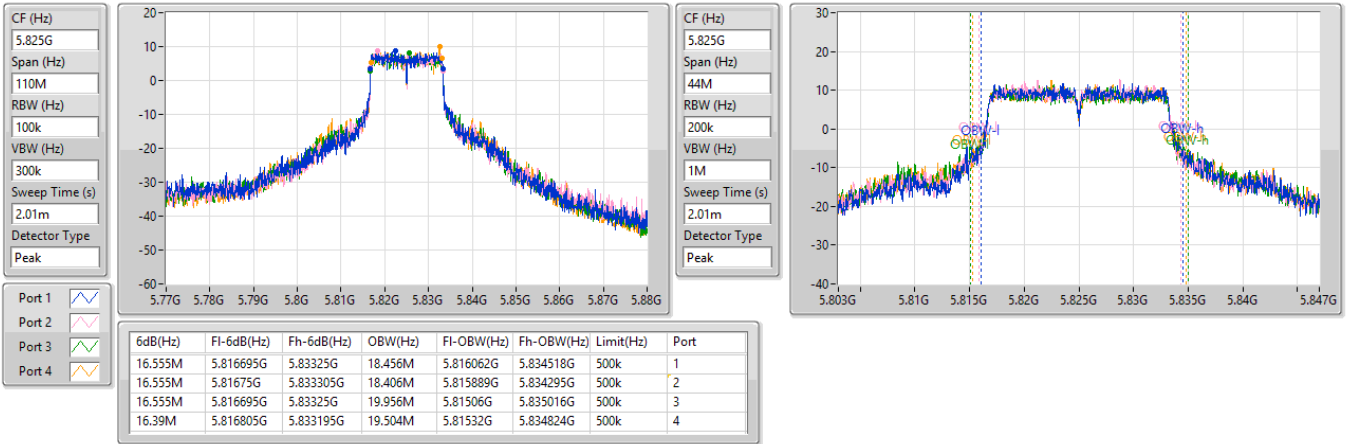
5785MHz

01/08/2026

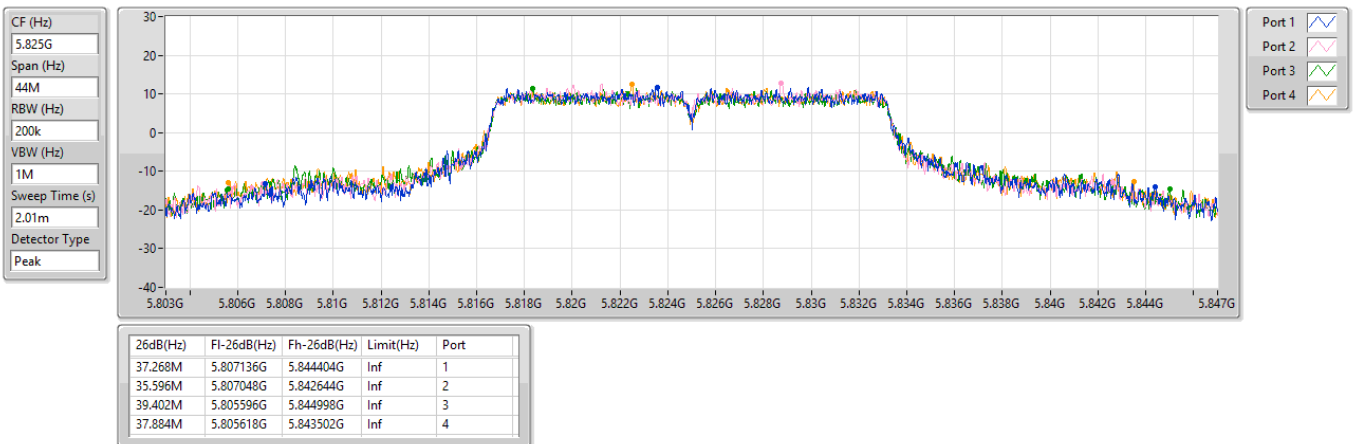


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

01/08/2026


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

01/08/2026

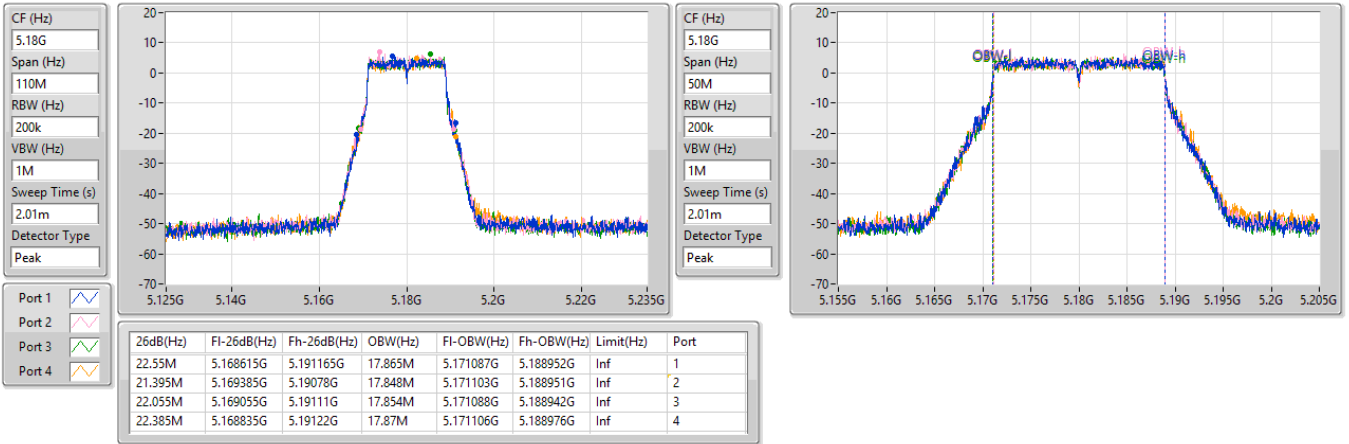


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

03/08/2026

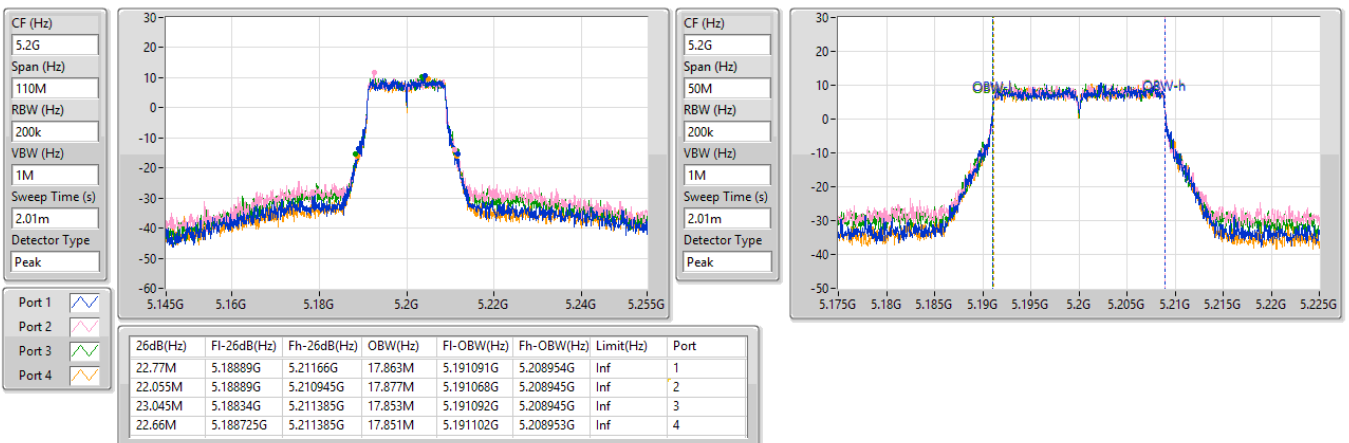


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_4TX

EBW

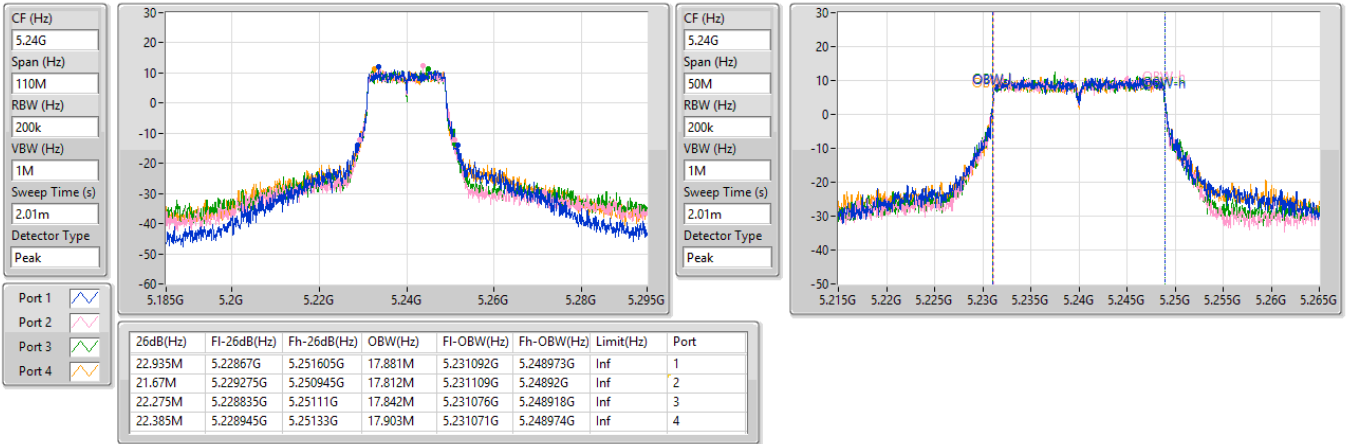
5200MHz

03/08/2026

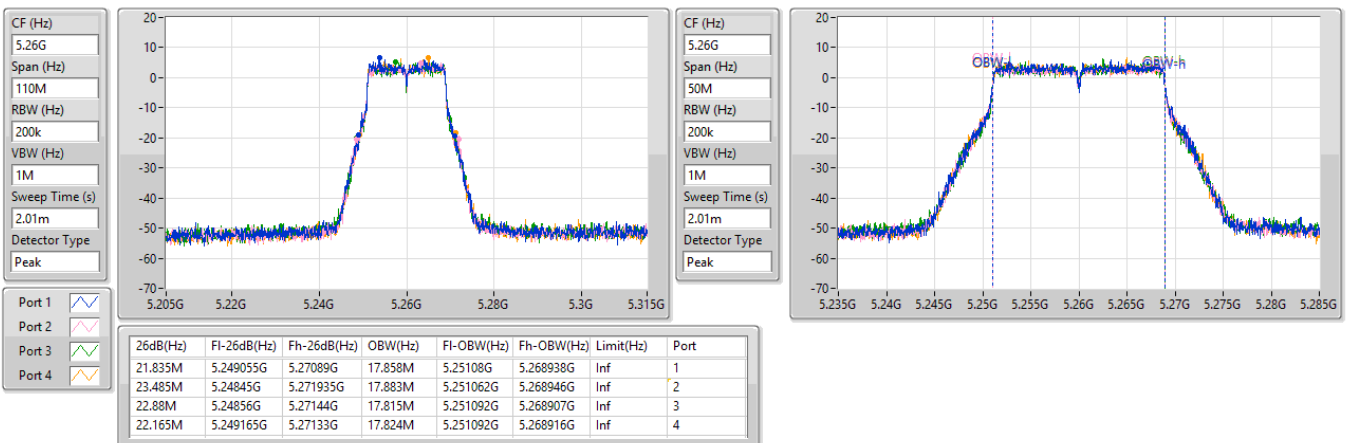


5.15-5.25GHz_802.11ac_VHT20_Nss1,(MCS0)_4TX
EBW
5240MHz

03/08/2026

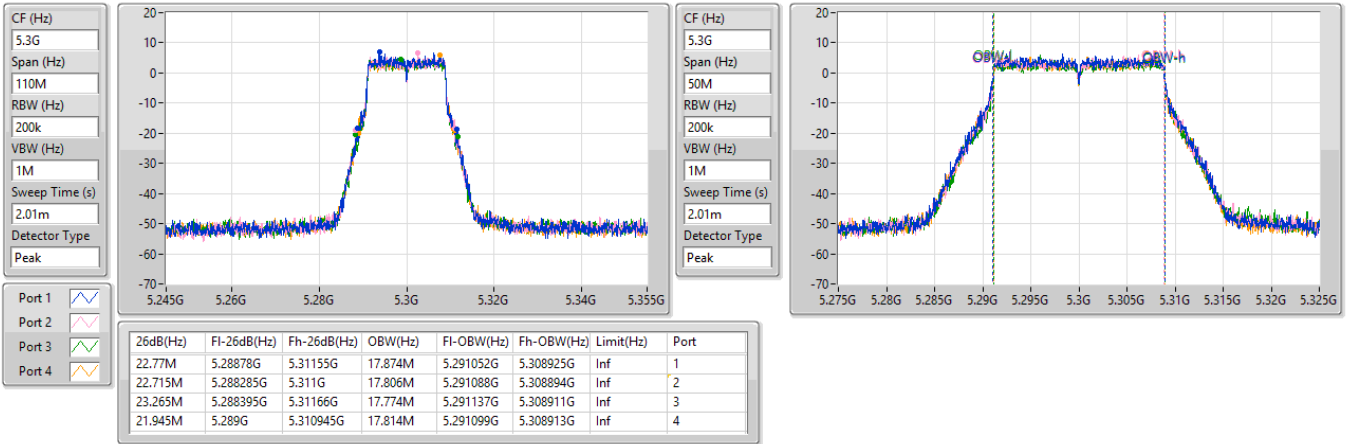

5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

03/08/2026

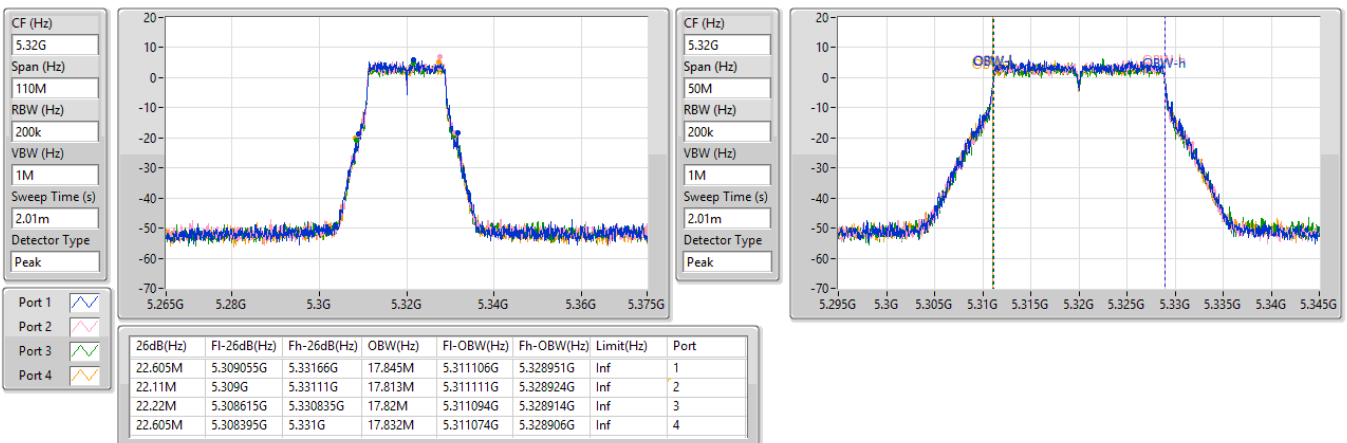


5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

03/08/2026

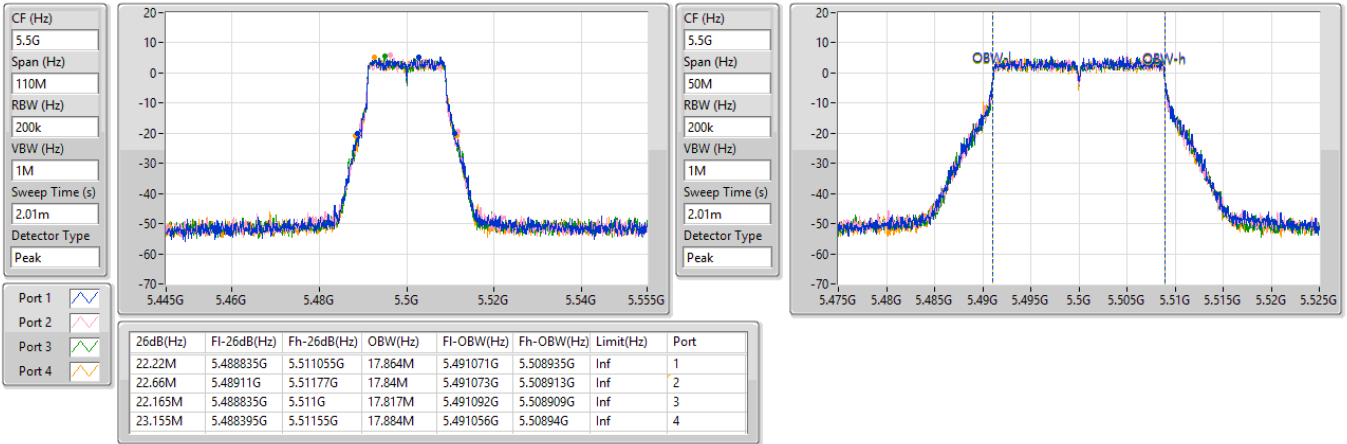

5.25-5.35GHz_802.11ac_VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

03/08/2026

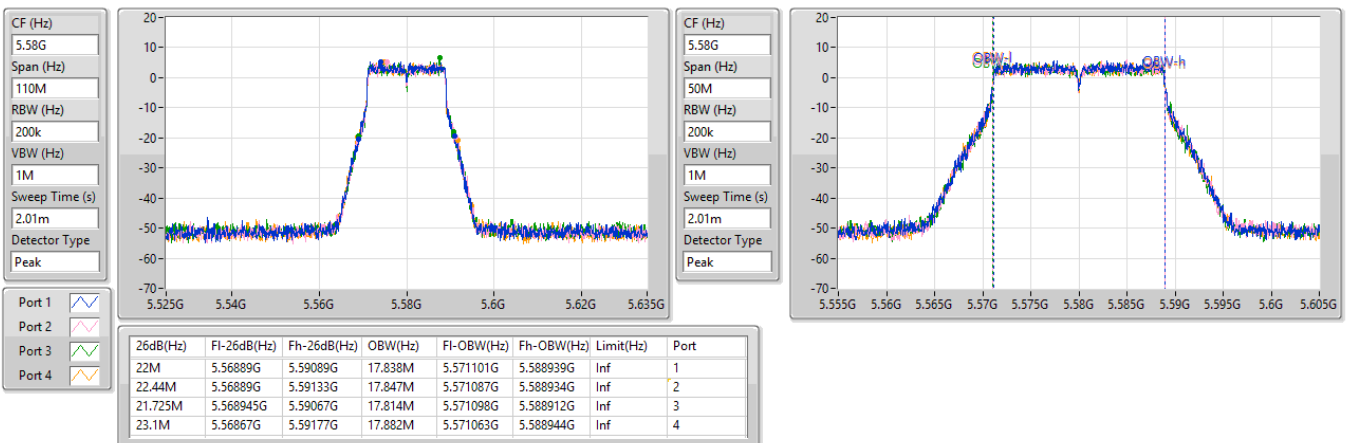


5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

03/08/2026


5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

03/08/2026

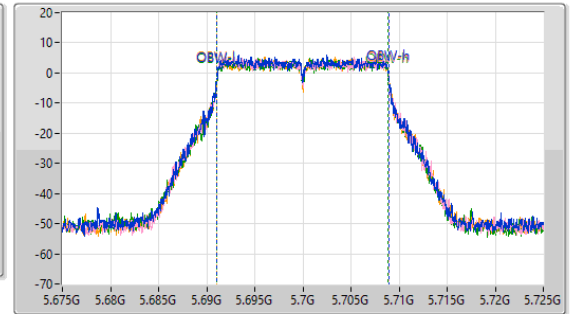
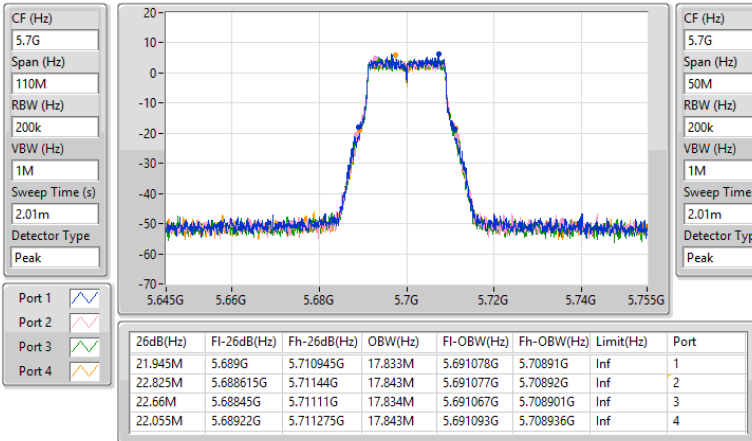


5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

03/08/2026

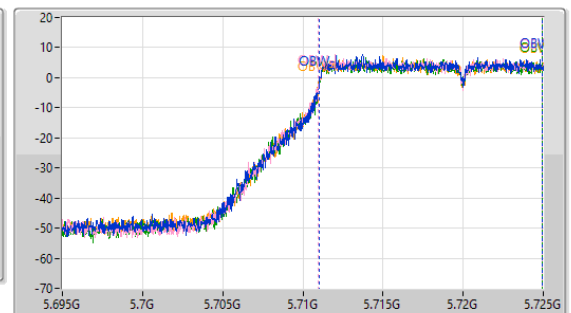
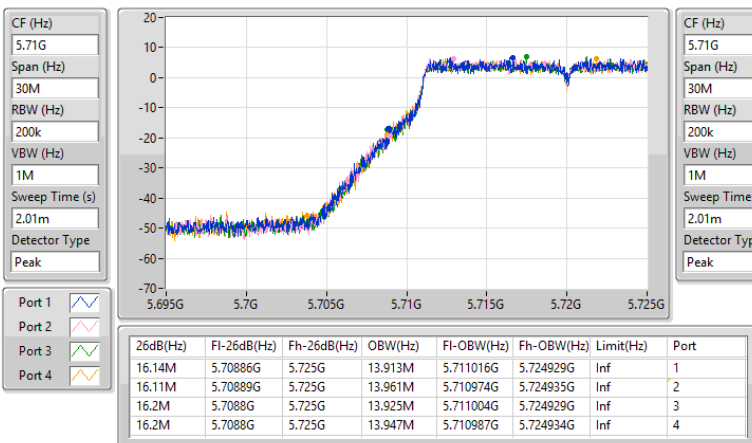


5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/08/2026

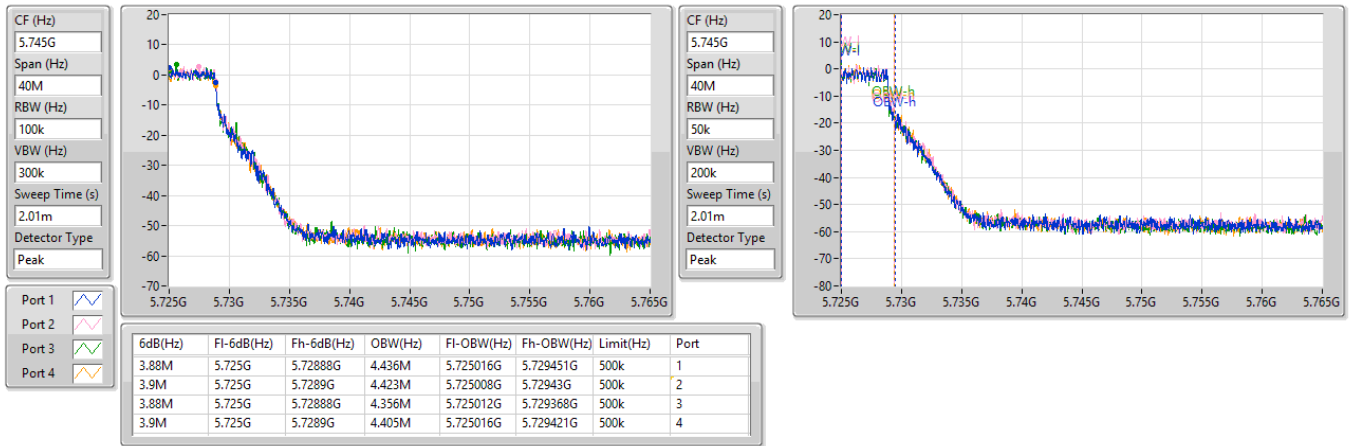


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/08/2026

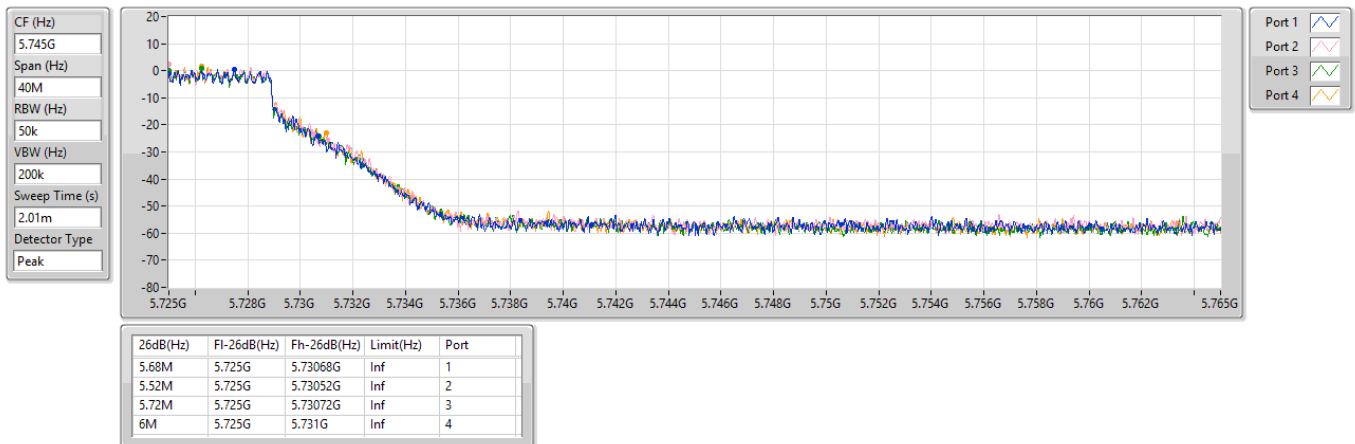


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/08/2026

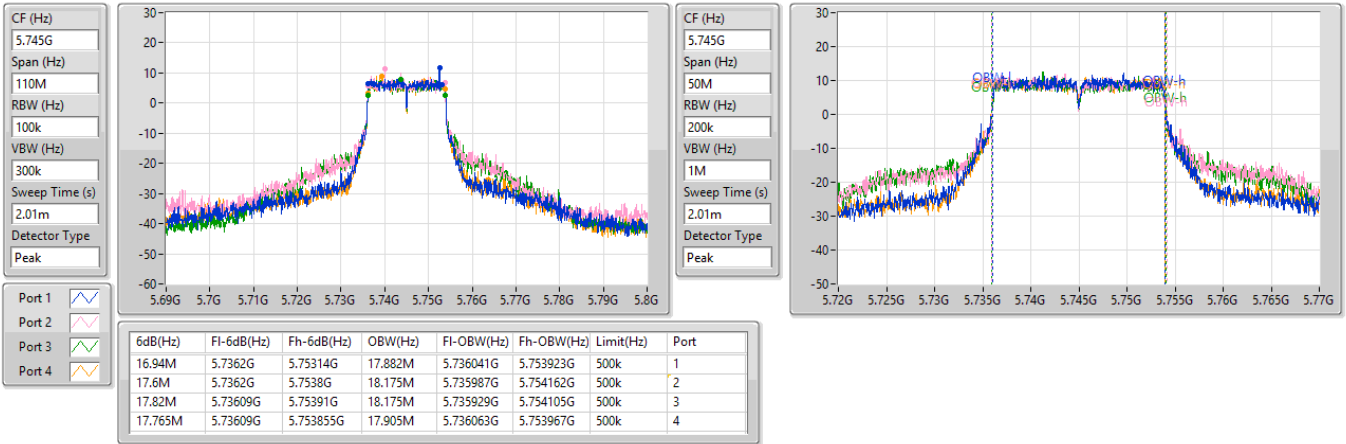


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

03/08/2026

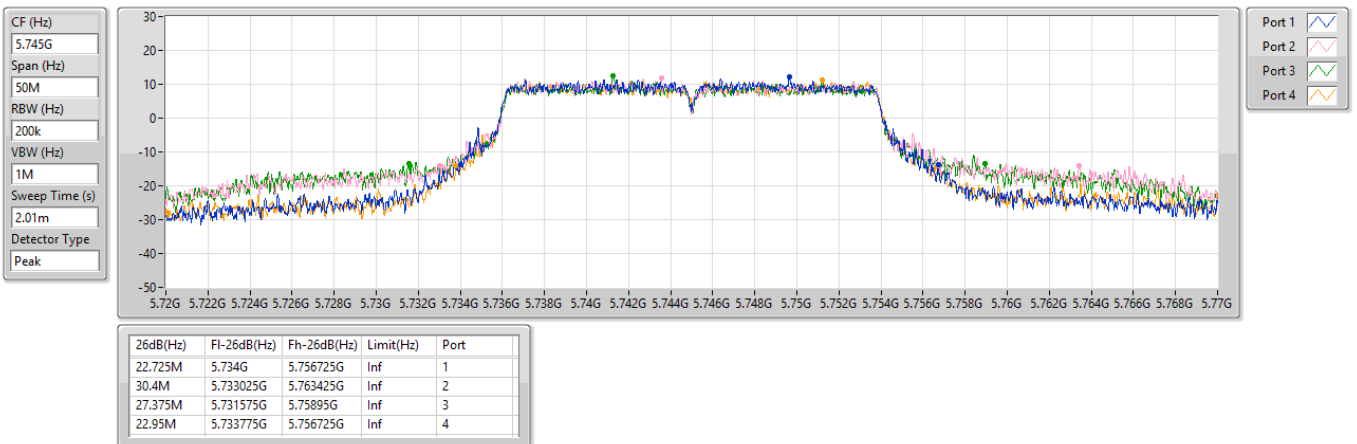


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

03/08/2026

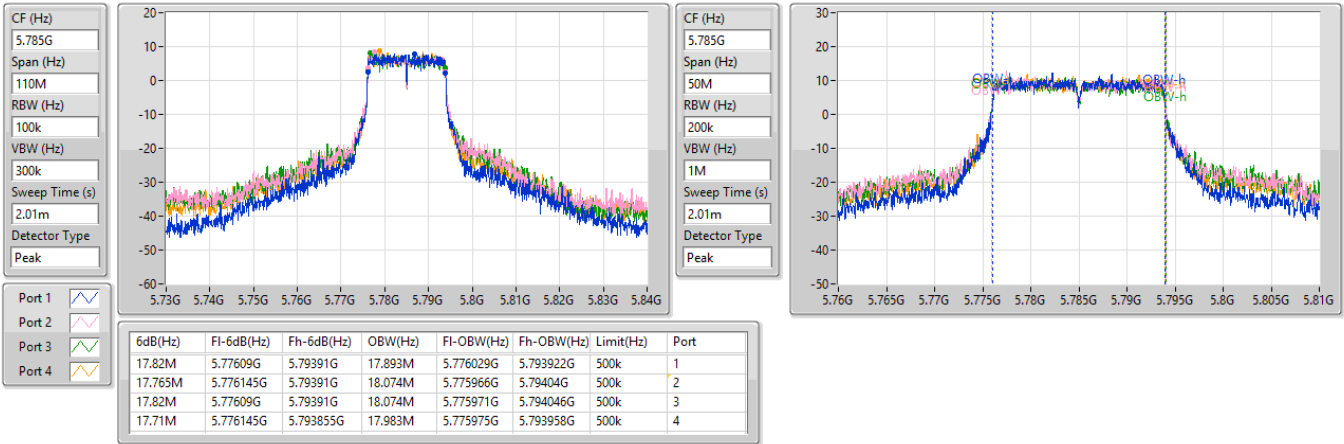


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

03/08/2026



5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

03/08/2026

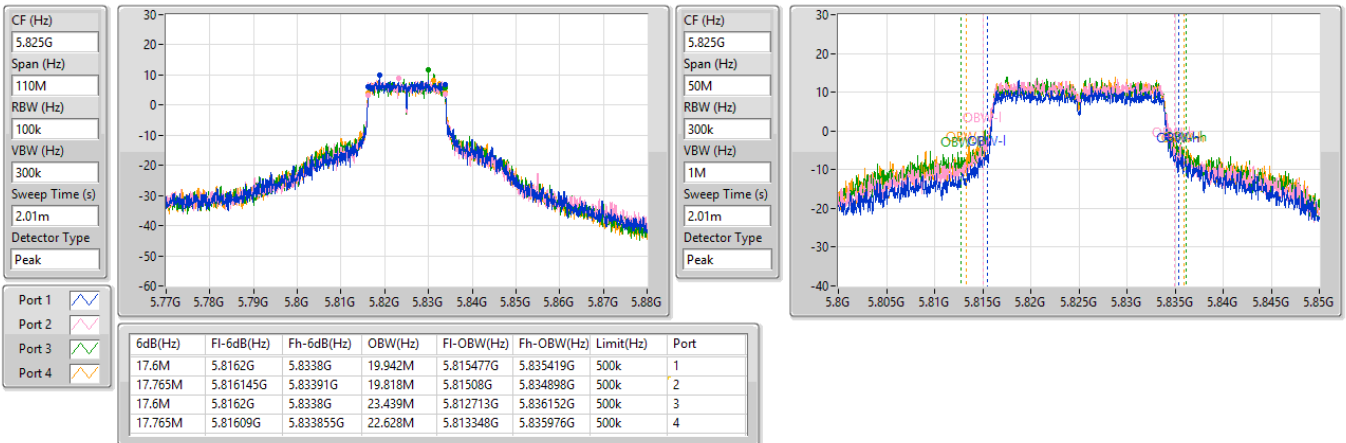


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

03/08/2026

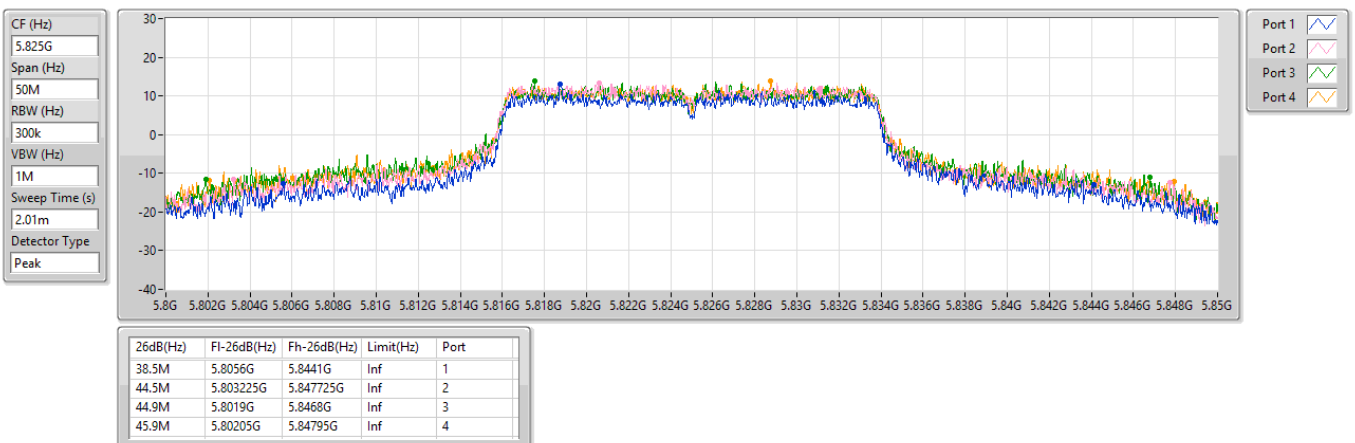


5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

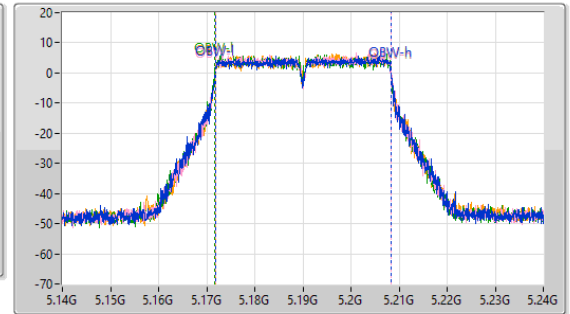
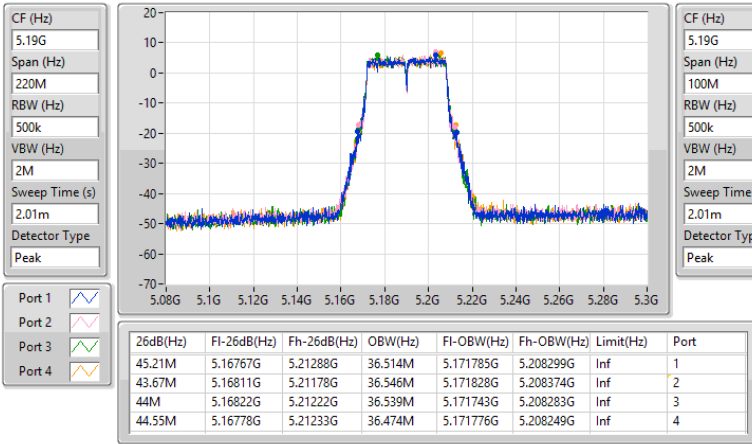
5825MHz

03/08/2026

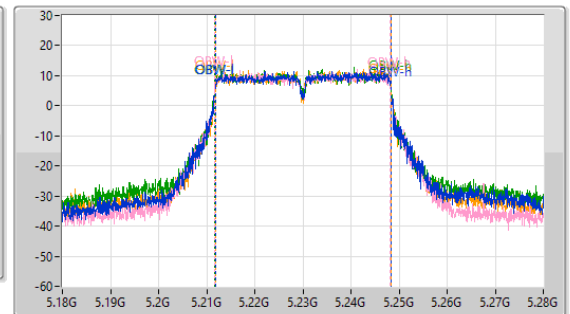
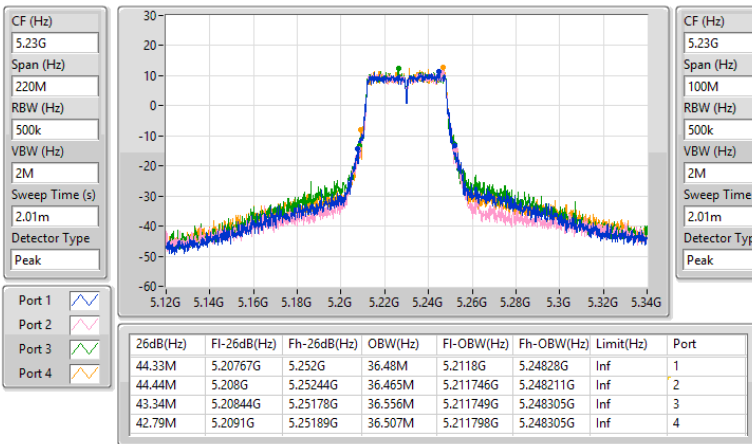


5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_4TX
EBW
5190MHz

03/08/2026


5.15-5.25GHz_802.11ac_VHT40_Nss1,(MCS0)_4TX
EBW
5230MHz

03/08/2026

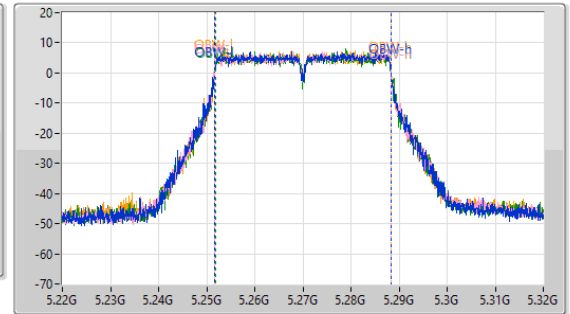
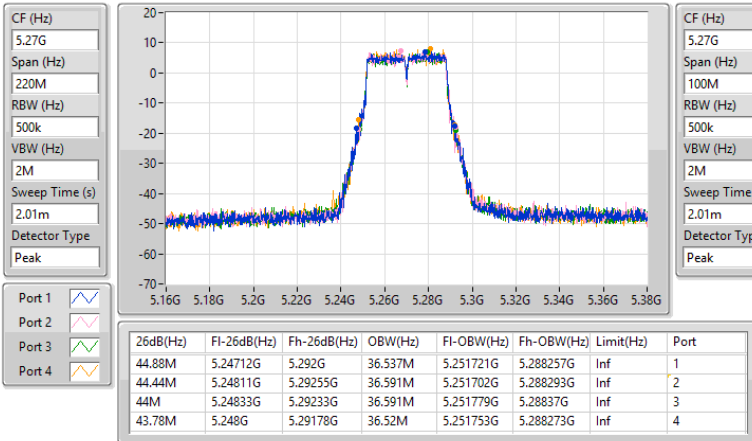


5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

03/08/2026

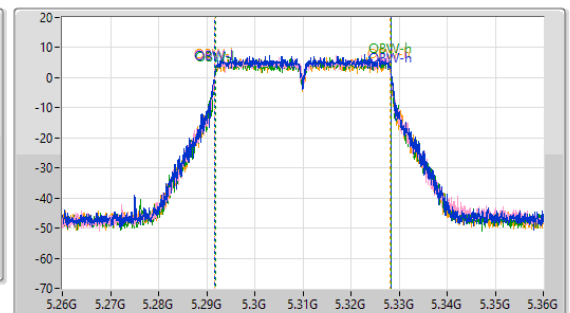
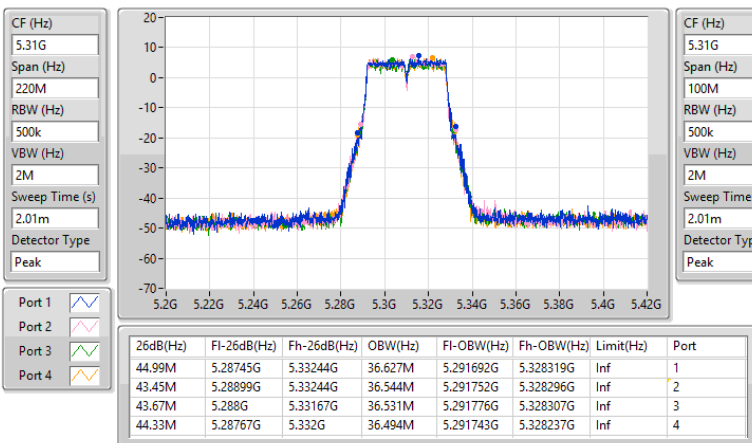


5.25-5.35GHz_802.11ac_VHT40_Nss1,(MCS0)_4TX

EBW

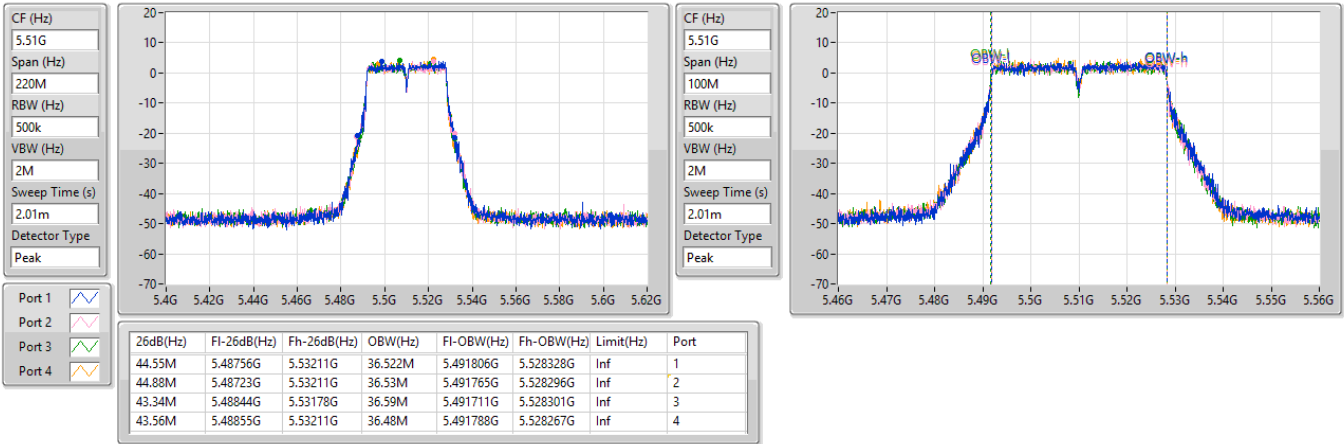
5310MHz

03/08/2026

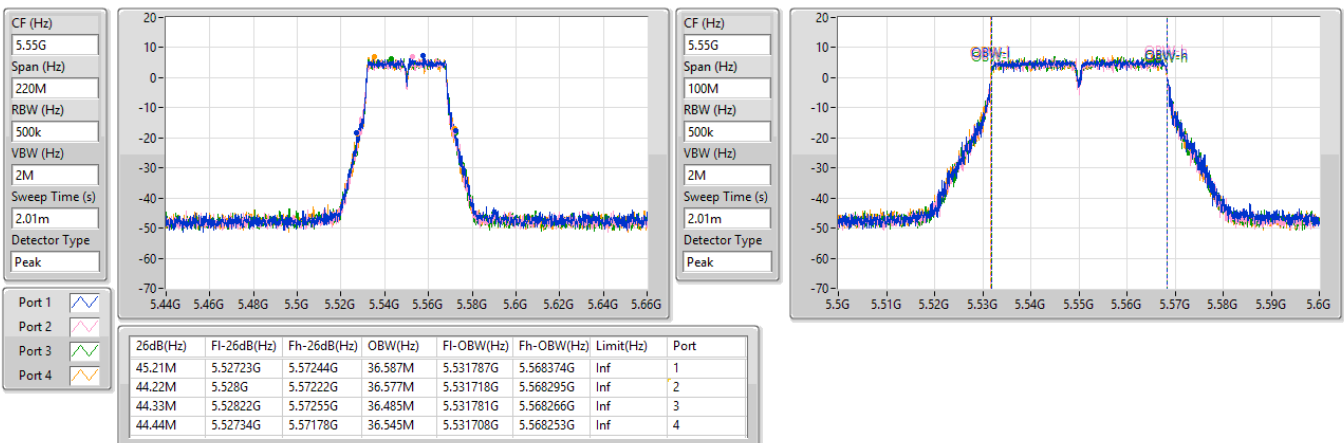


5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5510MHz

03/08/2026


5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5550MHz

03/08/2026

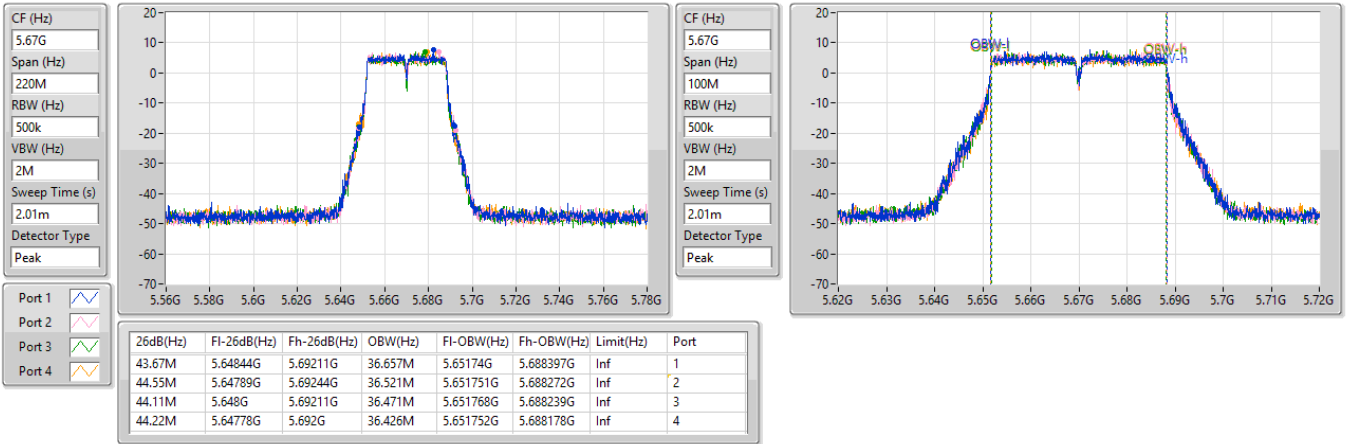


5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

03/08/2026

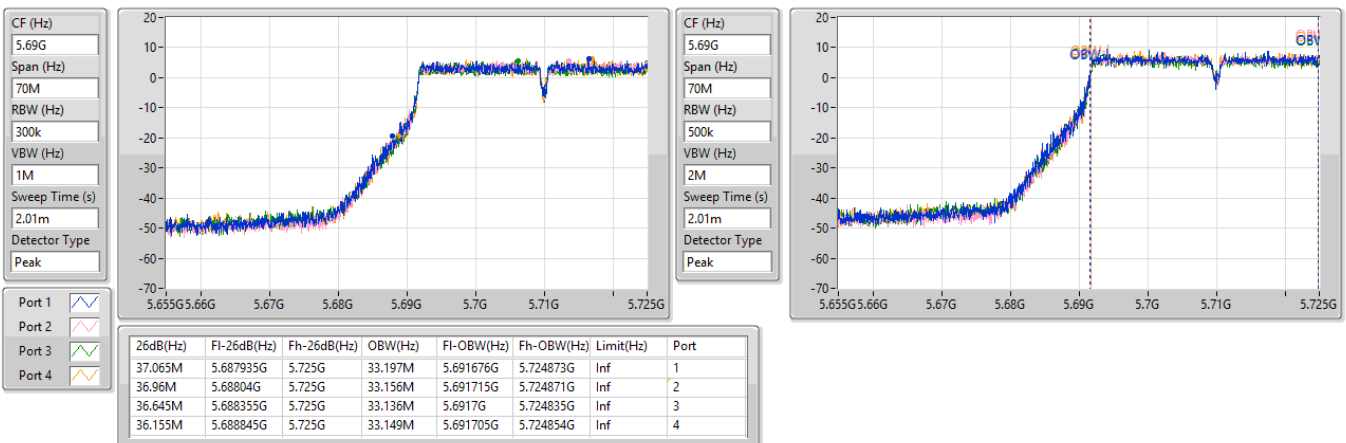


5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

03/08/2026

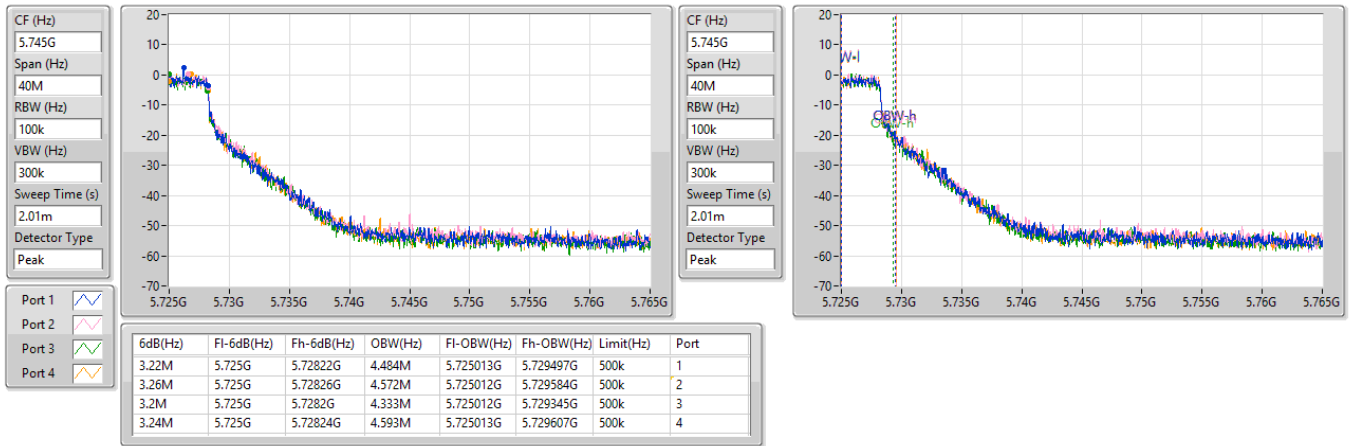


5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/08/2026

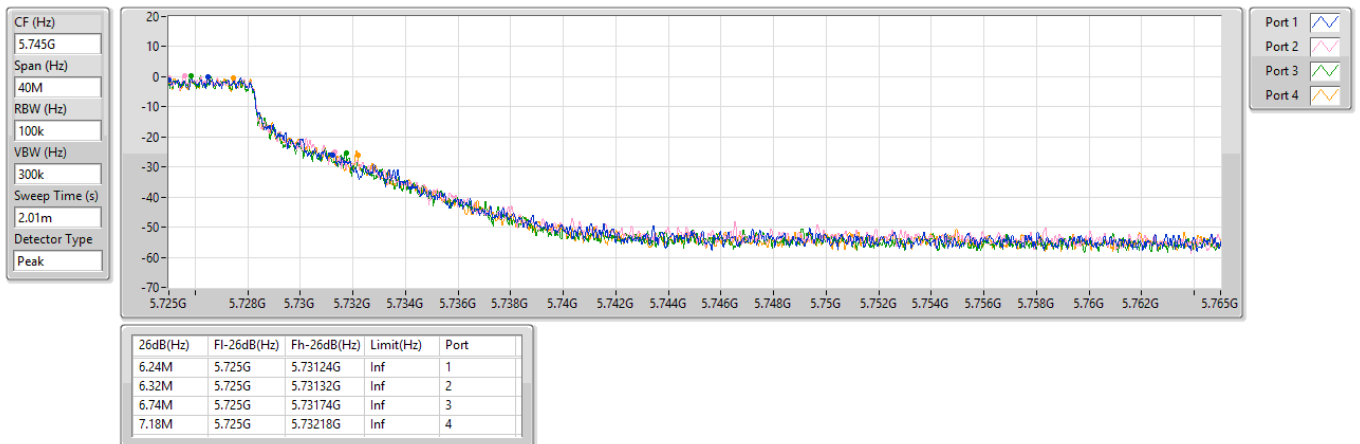


5.725-5.85GHz_802.11ac_VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/08/2026

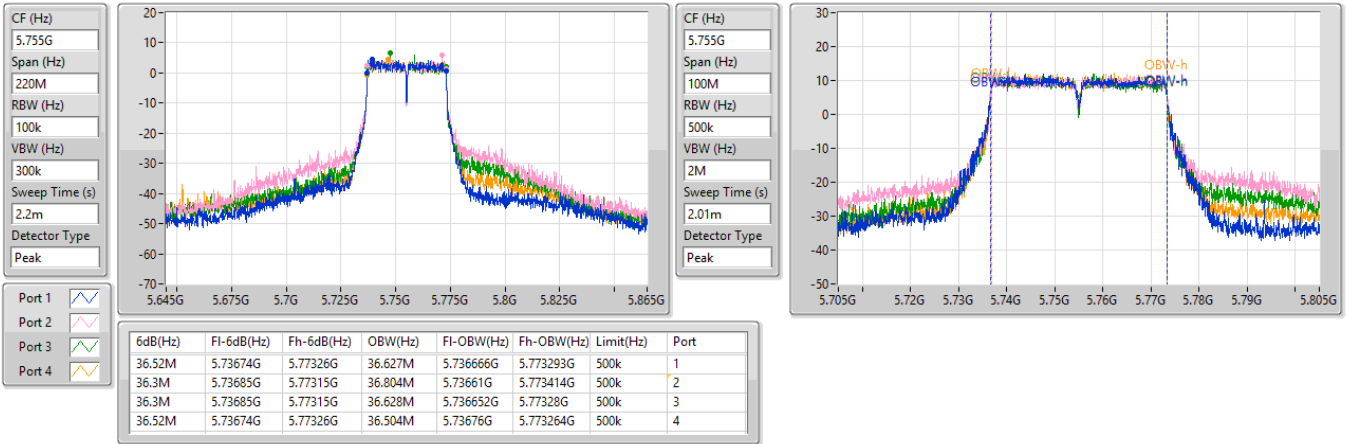


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

03/08/2026

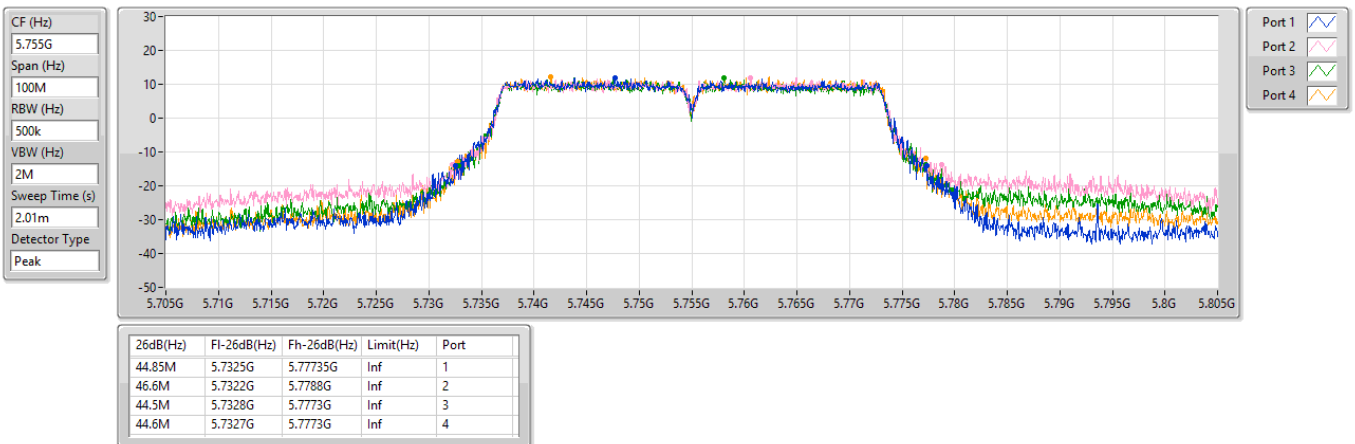


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

03/08/2026

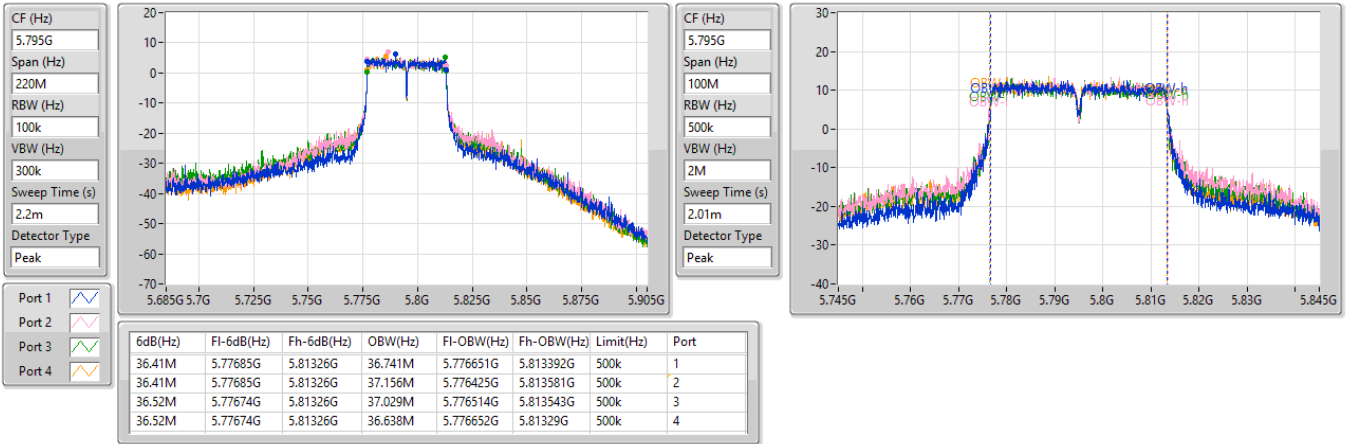


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

03/08/2026

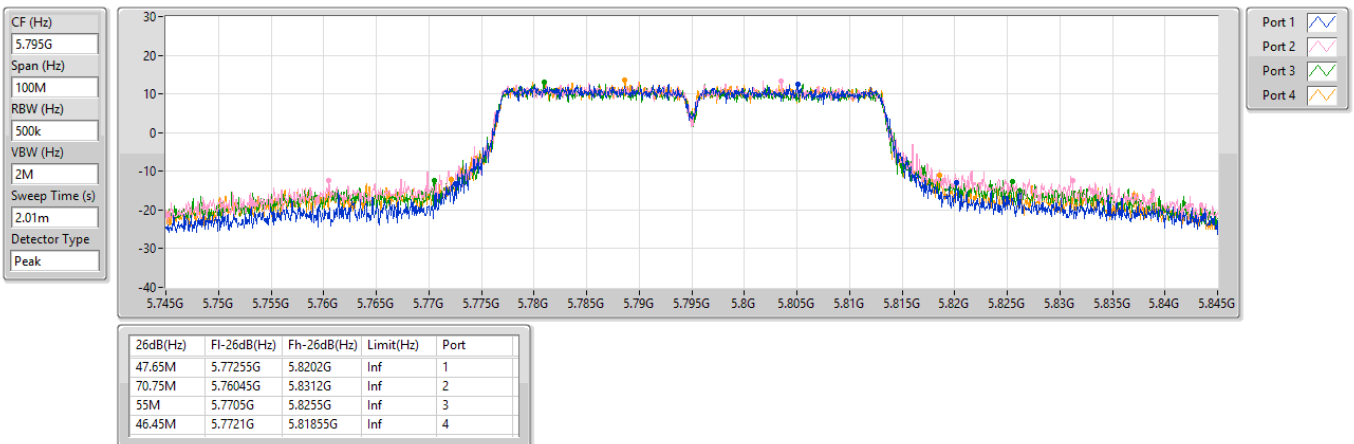


5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

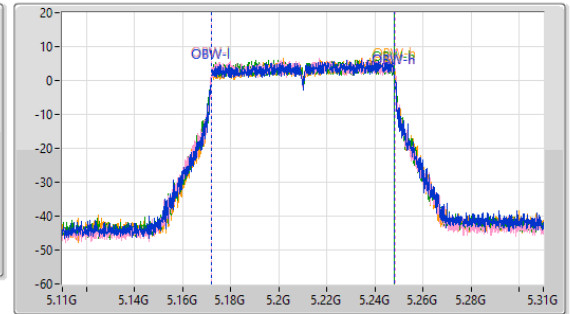
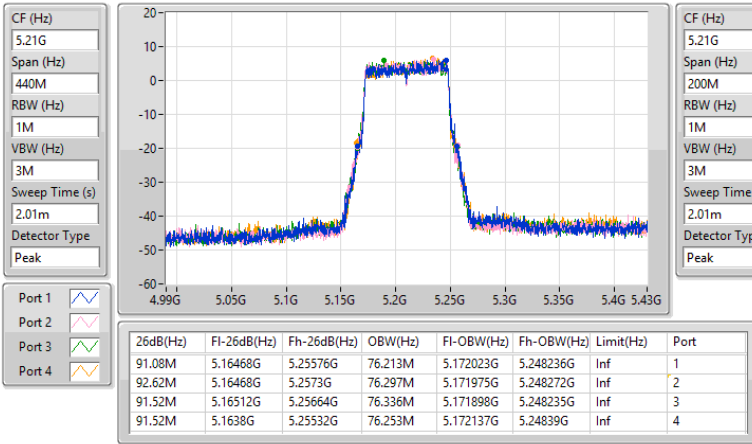
5795MHz

03/08/2026

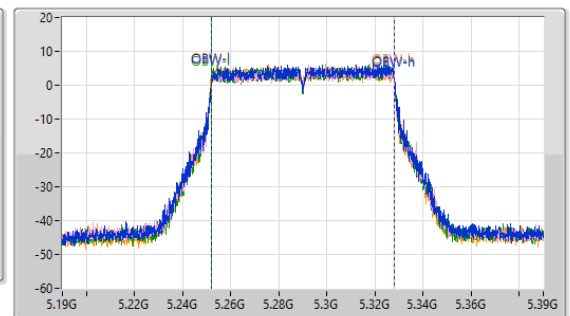
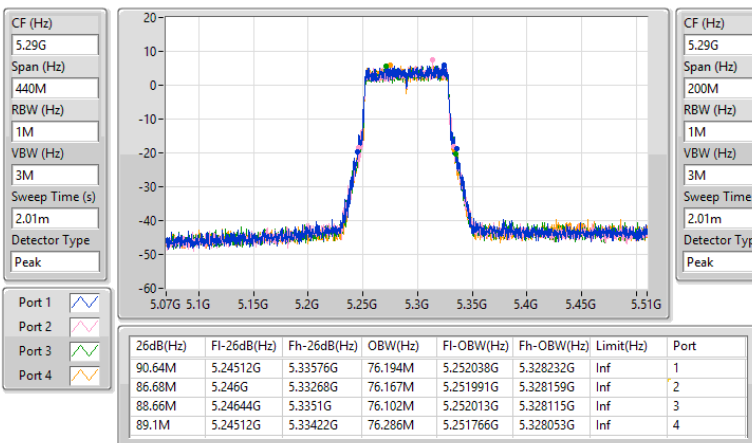


5.15-5.25GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX
EBW
5210MHz

03/08/2026

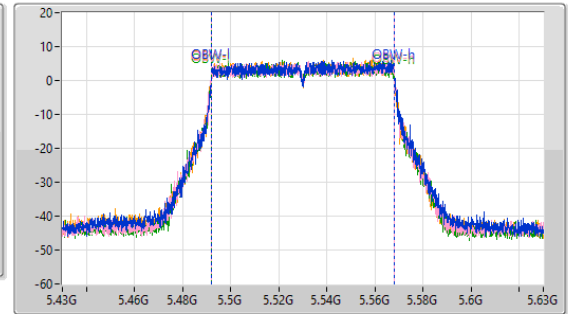
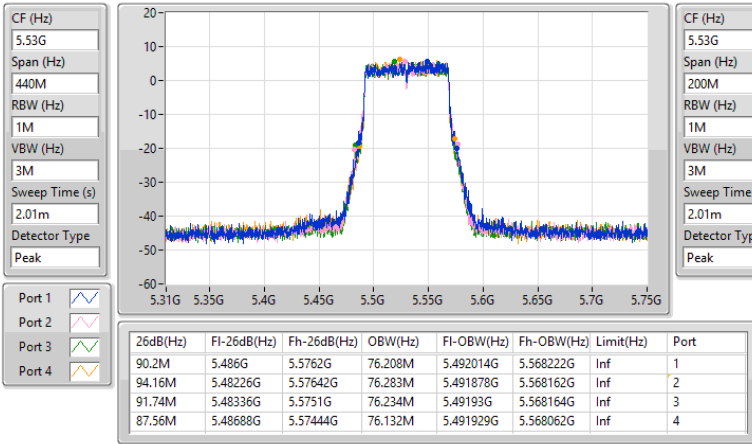

5.25-5.35GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

03/08/2026

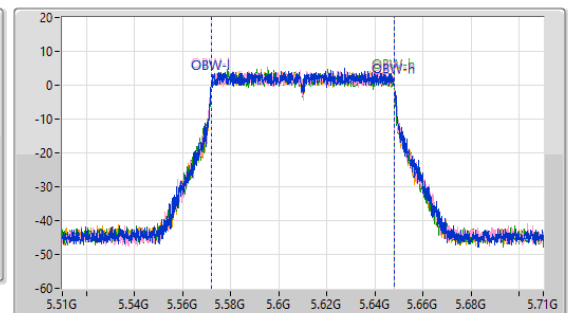
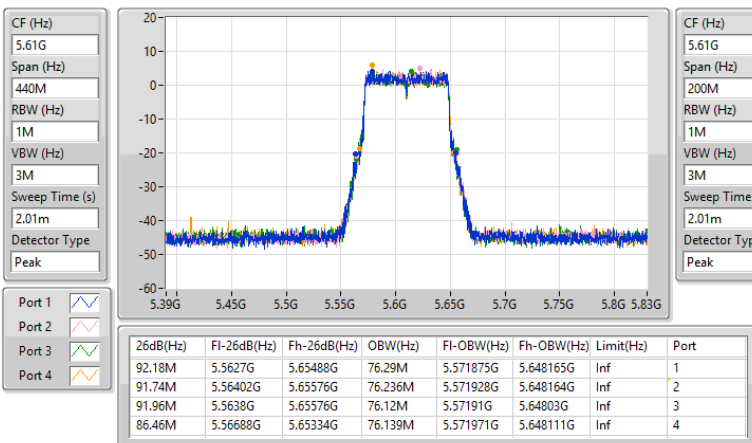


5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

03/08/2026


5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

03/08/2026

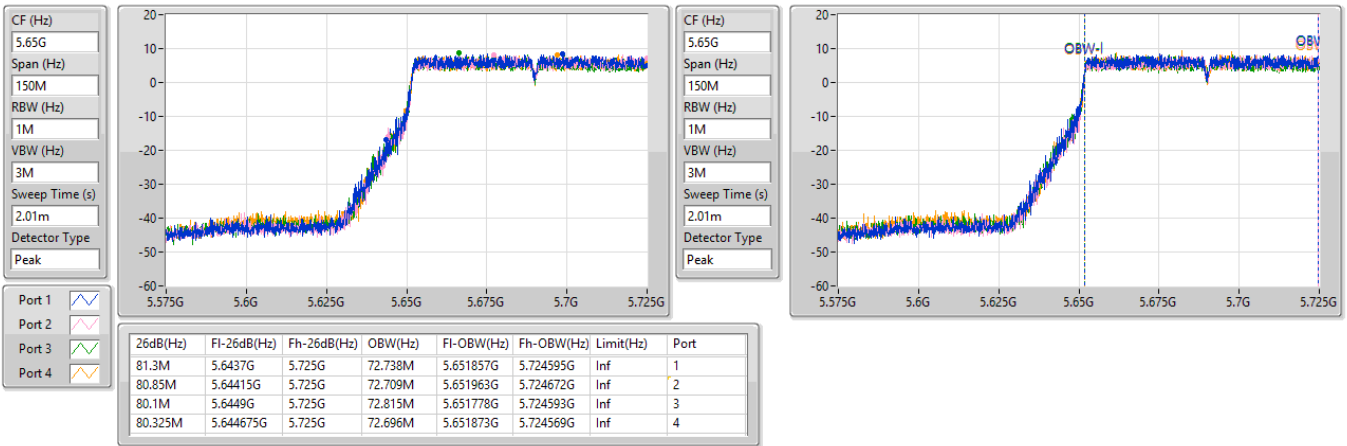


5.47-5.725GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

03/08/2026

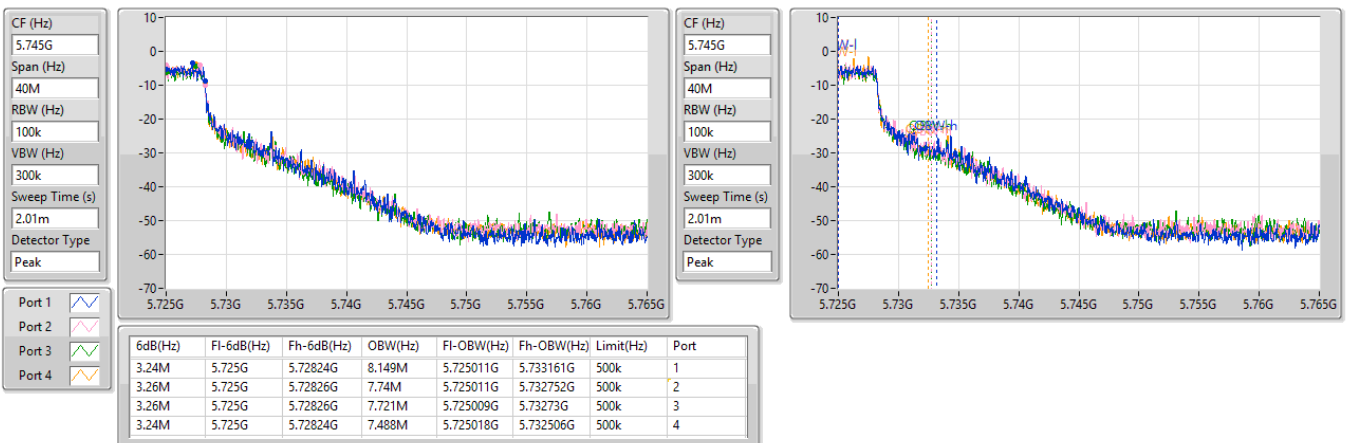


5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/08/2026

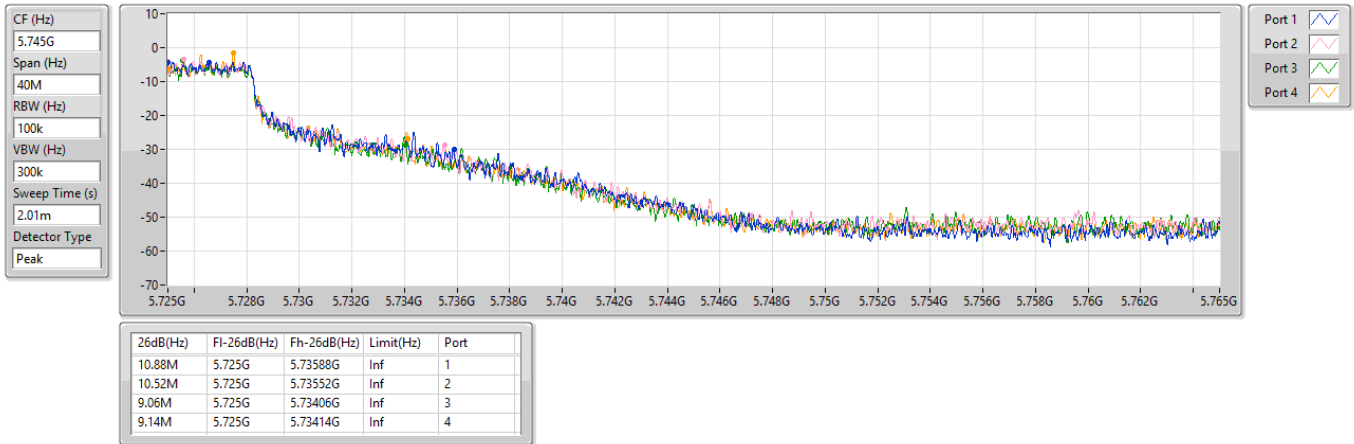


5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/08/2026

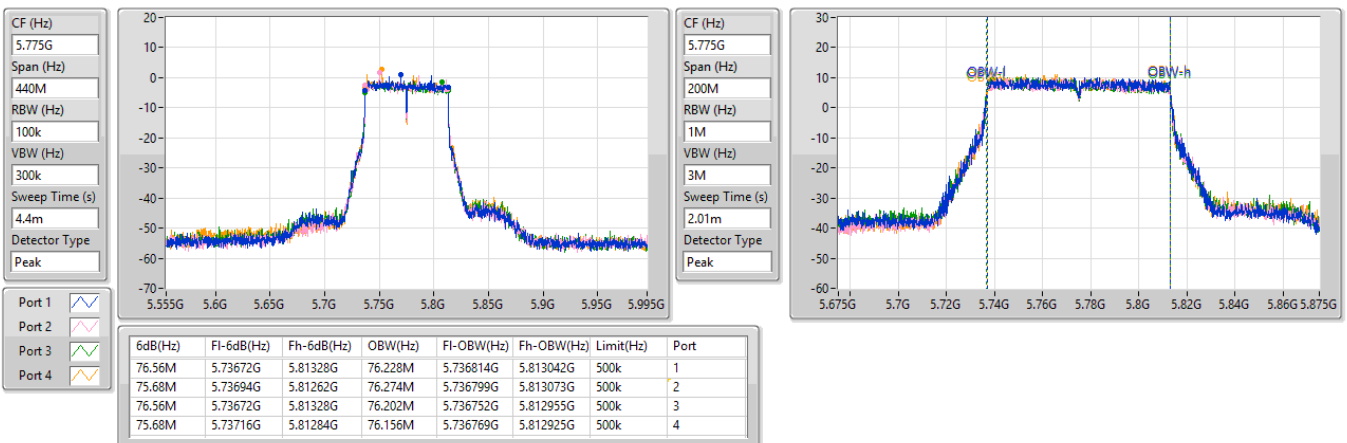


5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

03/08/2026

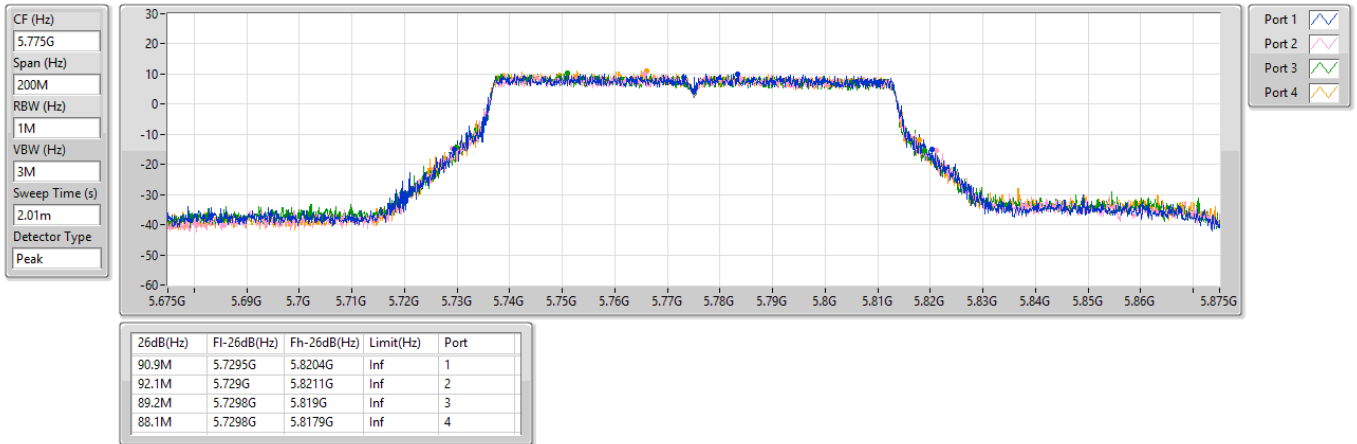


5.725-5.85GHz_802.11ac_VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

03/08/2026

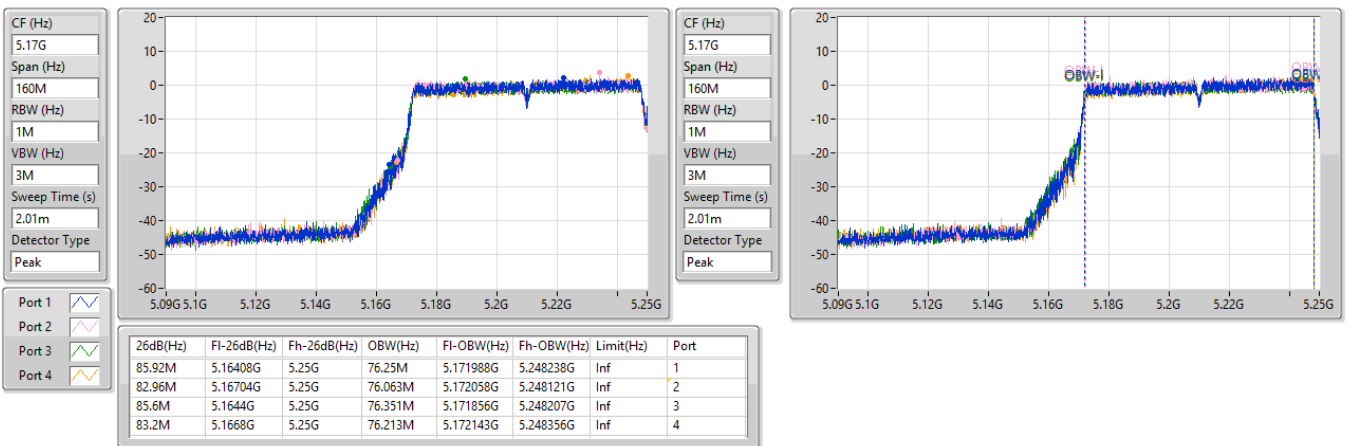


5.15-5.25GHz_802.11ac_VHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/08/2026

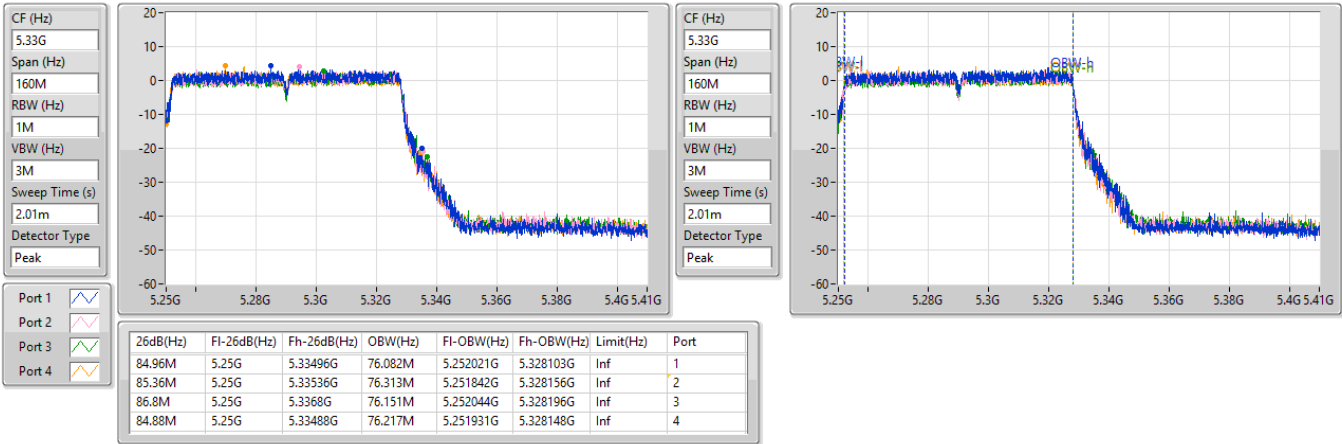


5.25-5.35GHz_802.11ac_VHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/08/2026

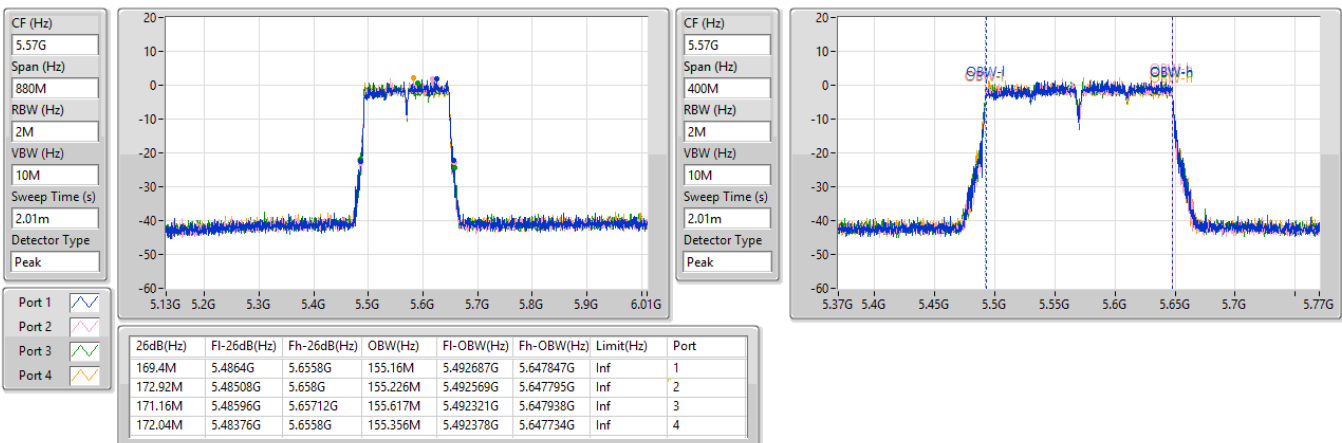


5.47-5.725GHz_802.11ac_VHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

03/08/2026

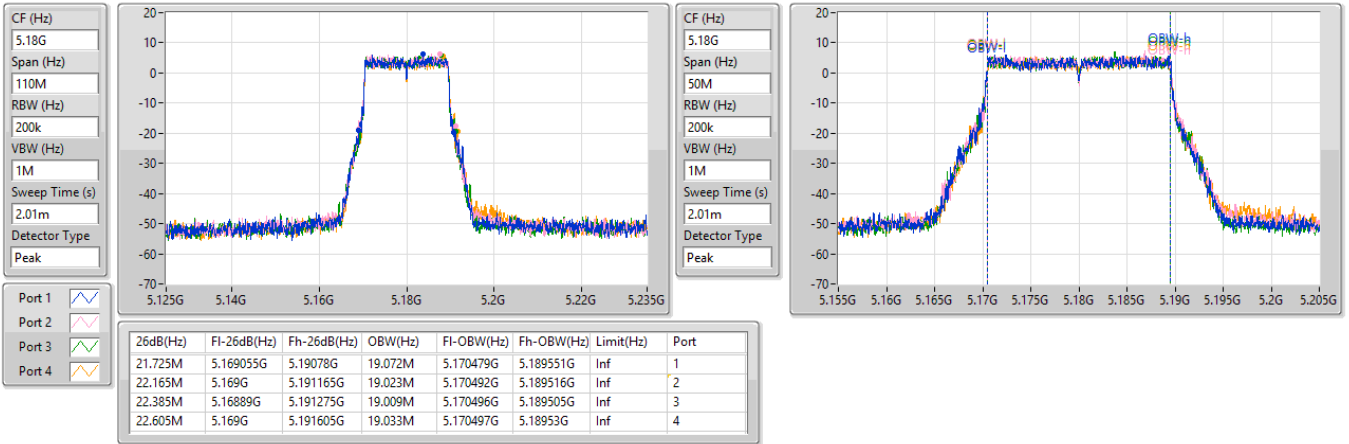


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

01/08/2026

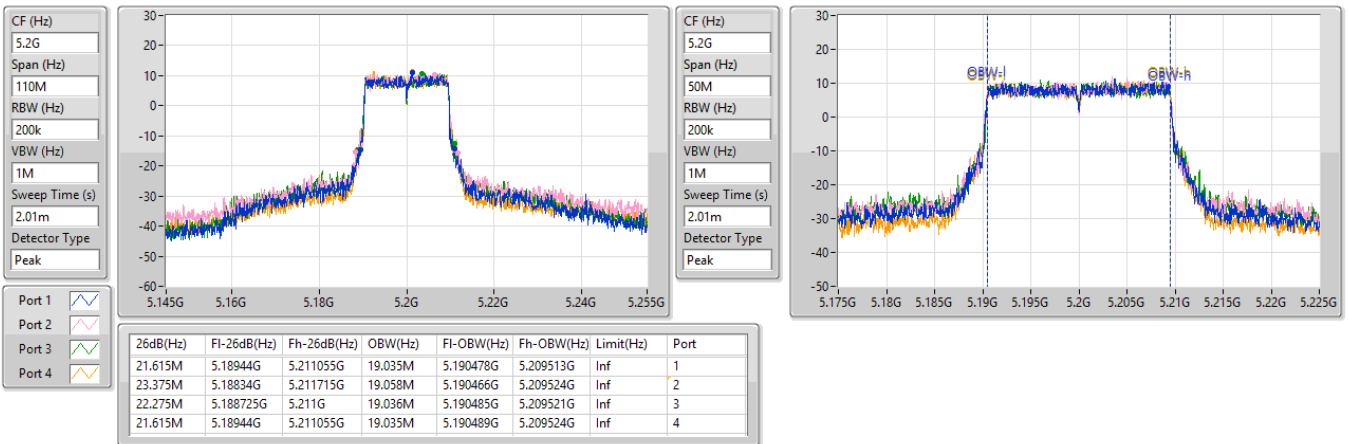


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

01/08/2026

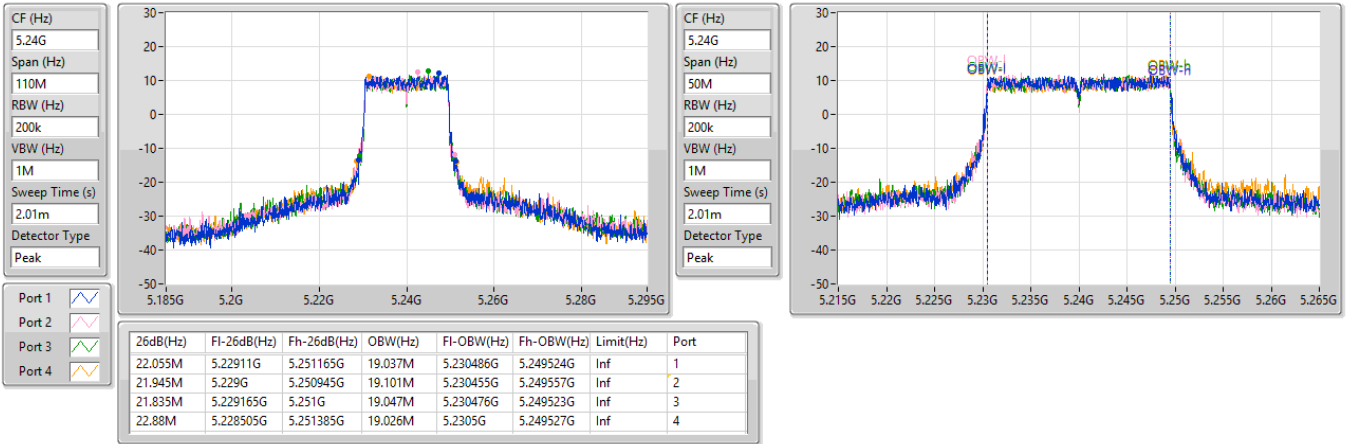


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

01/08/2026

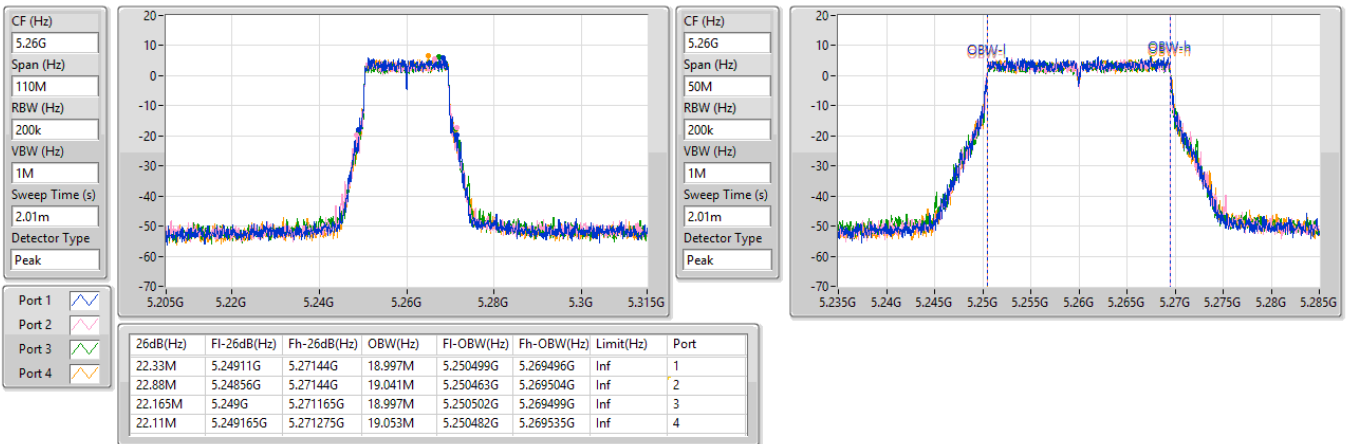


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

01/08/2026

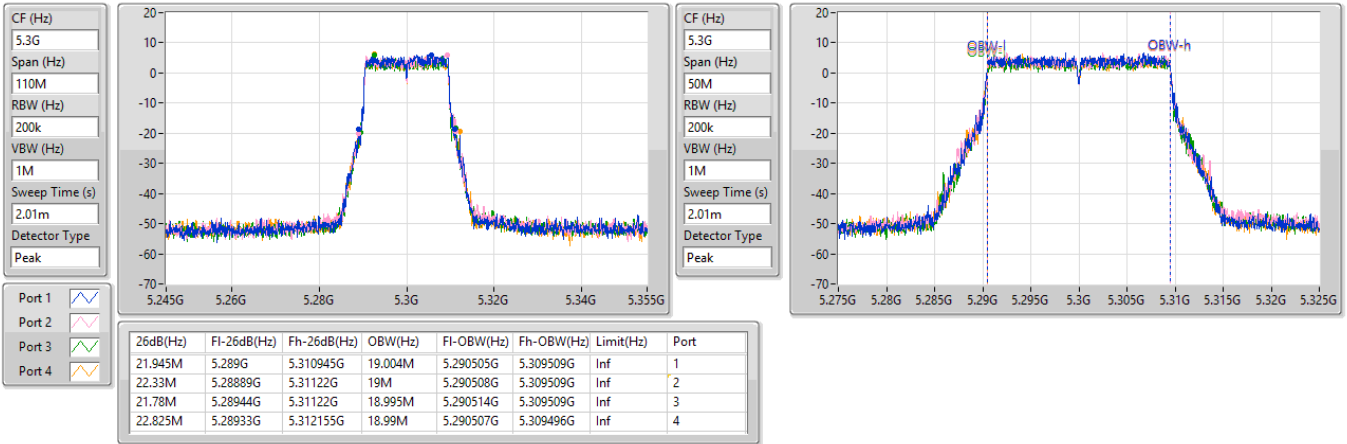


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

01/08/2026

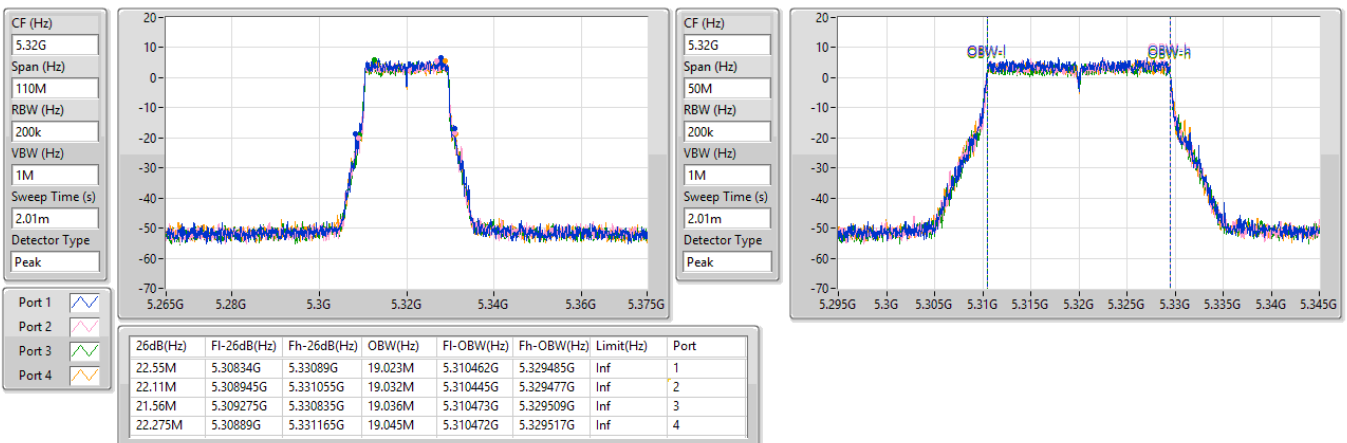


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

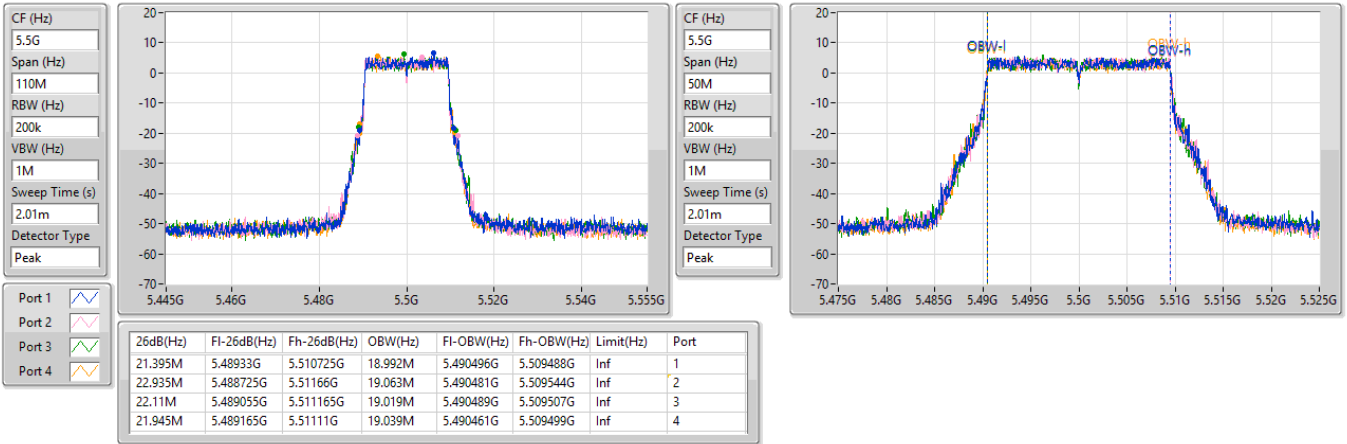
5320MHz

01/08/2026

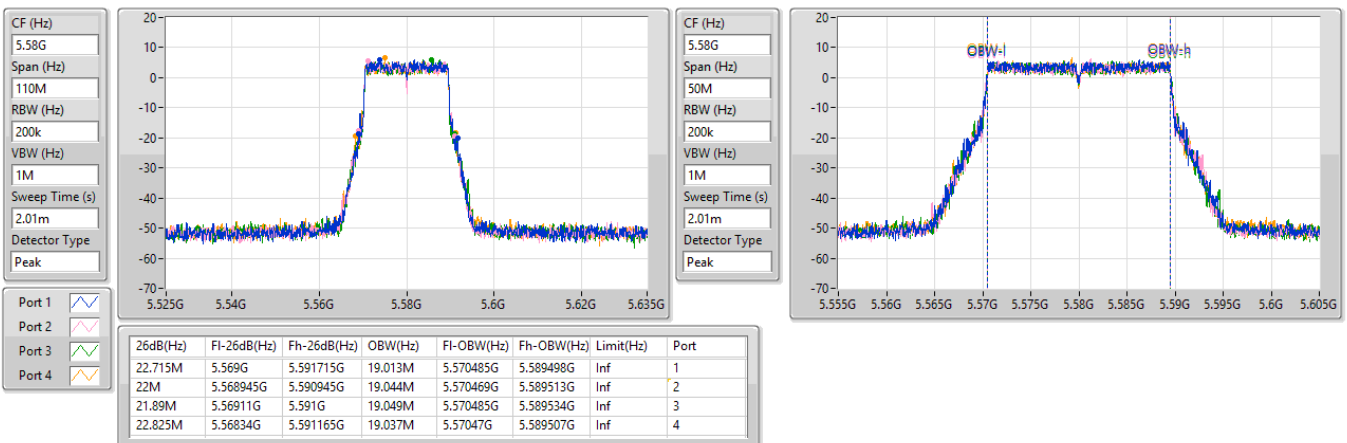


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

01/08/2026

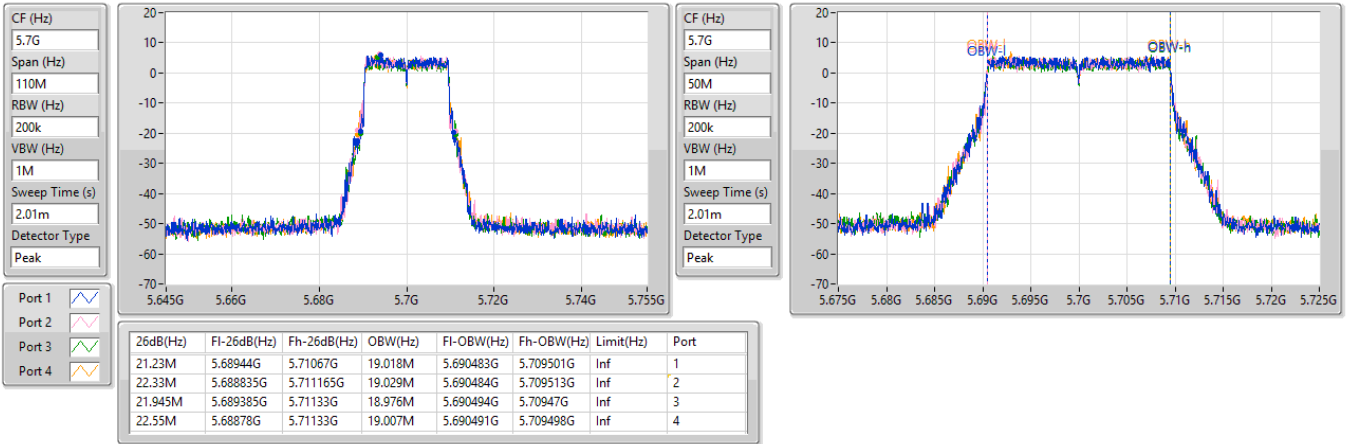

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

01/08/2026

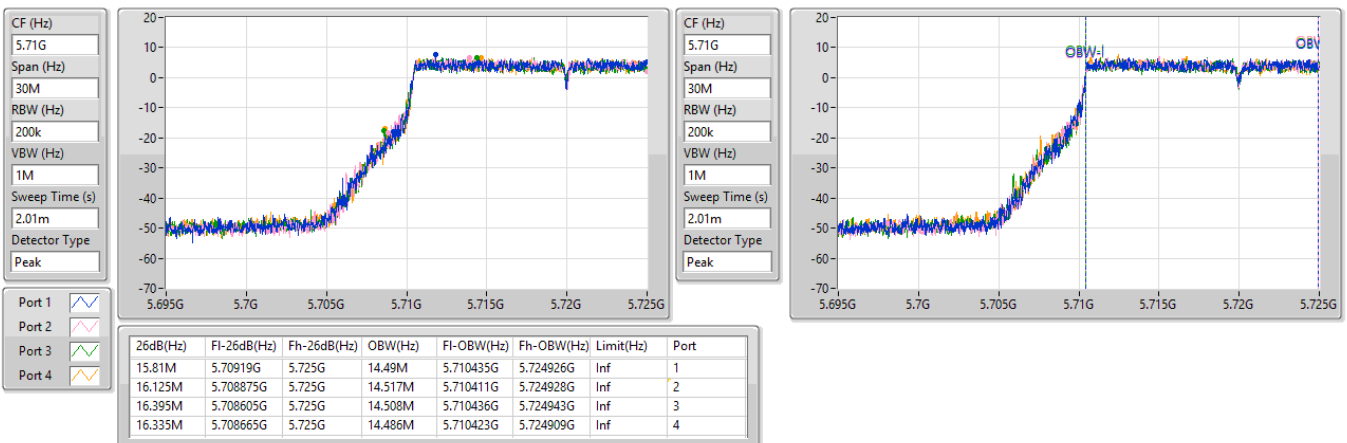


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

01/08/2026


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/08/2026

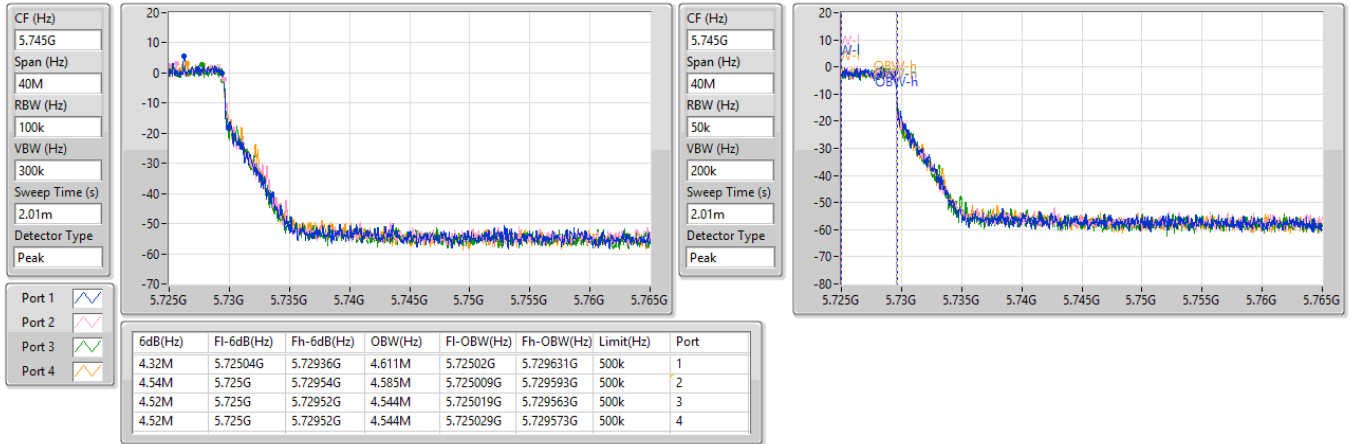


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2026

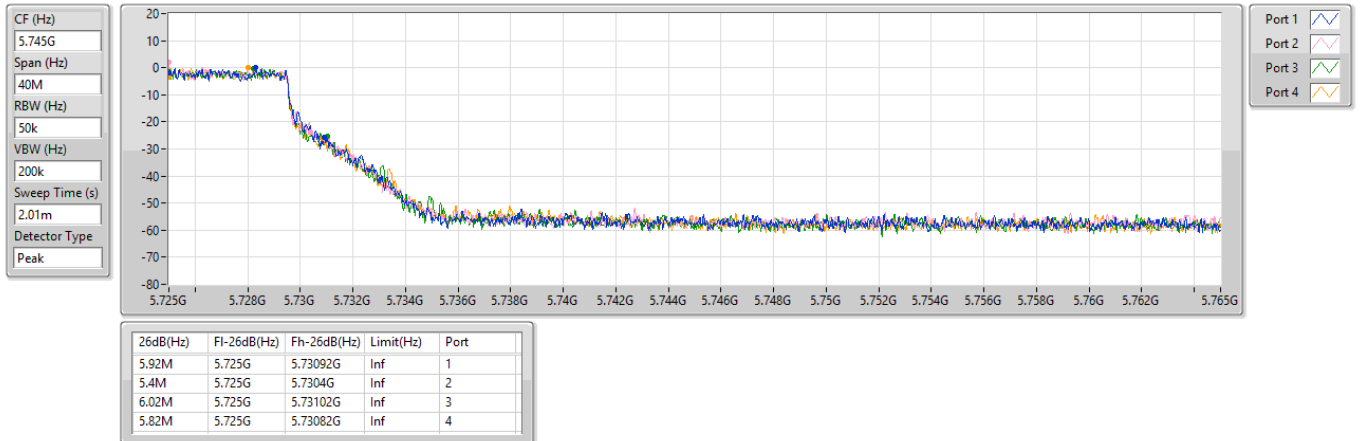


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

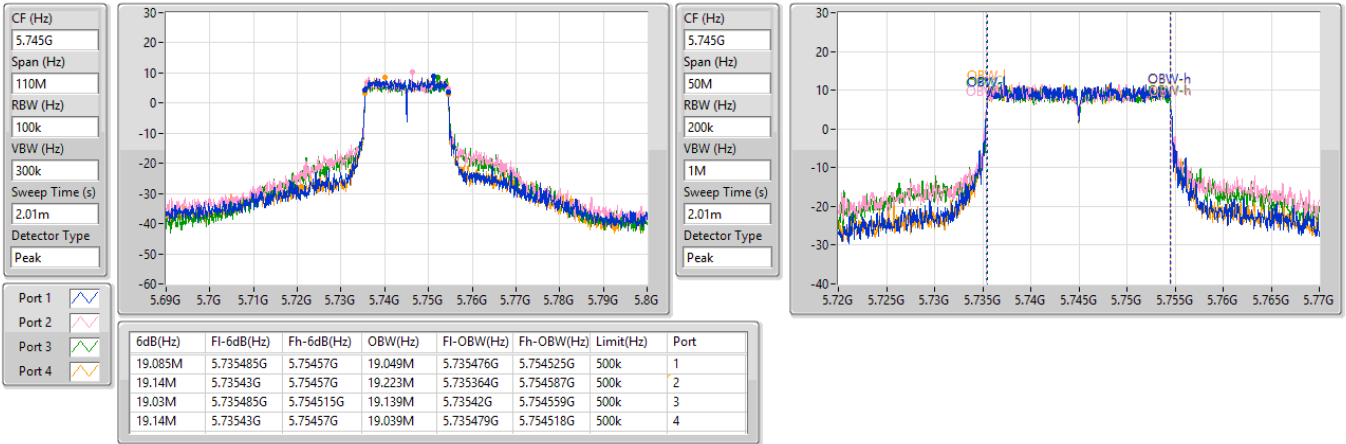
5720MHz Straddle 5.725-5.85GHz

01/08/2026



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

01/08/2026

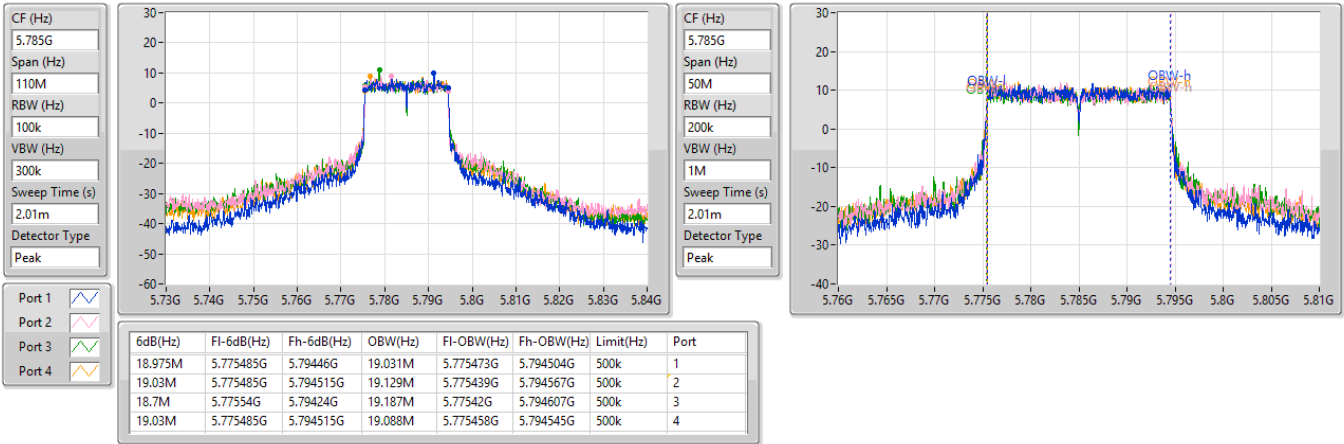

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

01/08/2026



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

01/08/2026

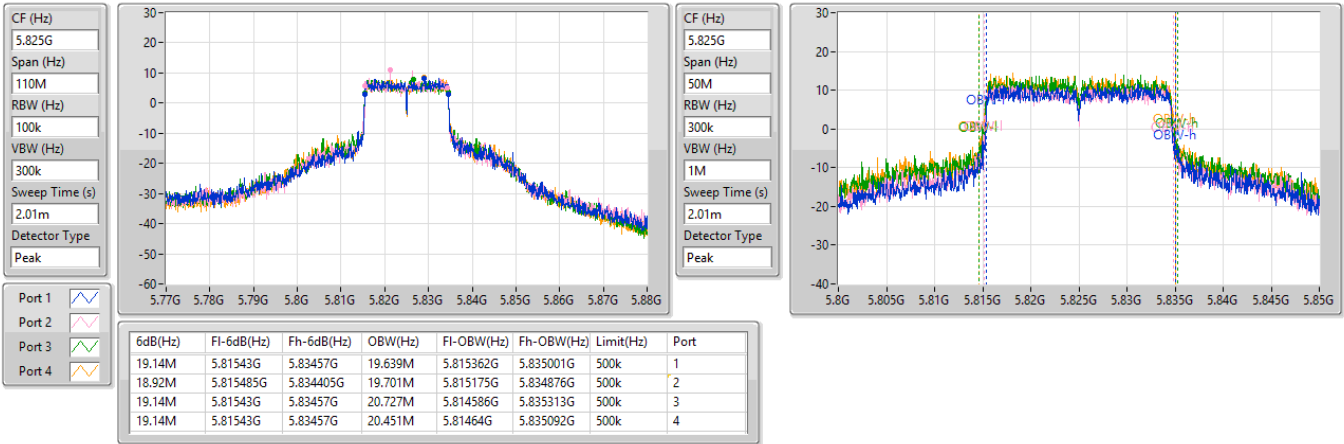

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

01/08/2026

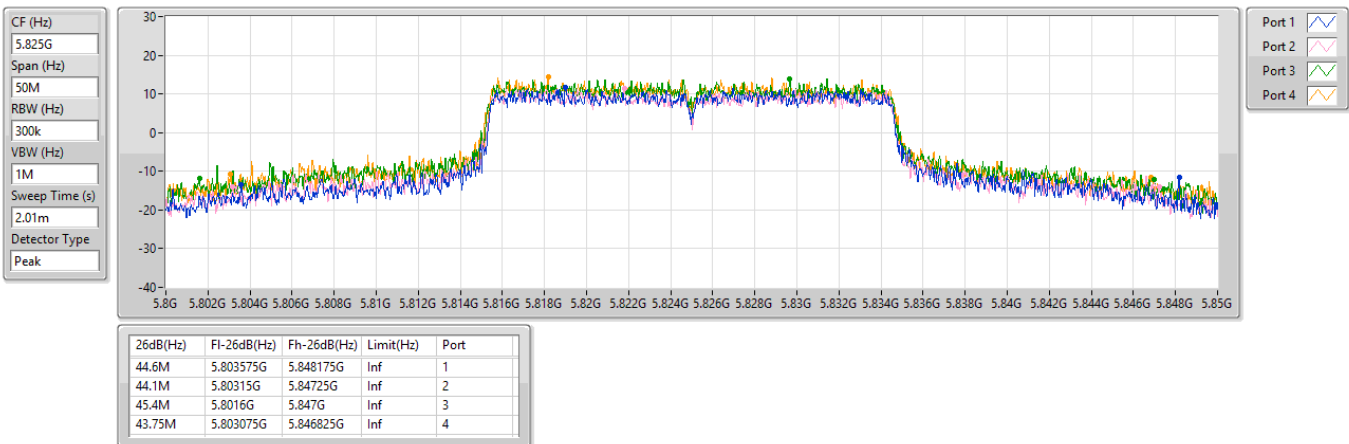


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5825MHz

01/08/2026


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5825MHz

01/08/2026

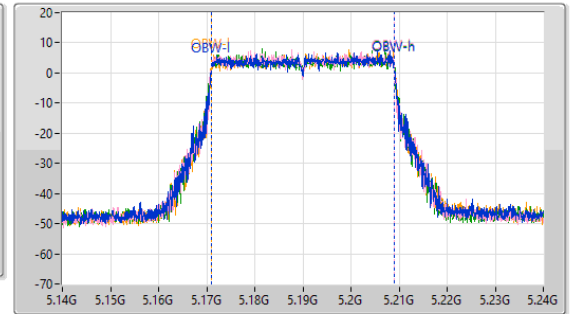
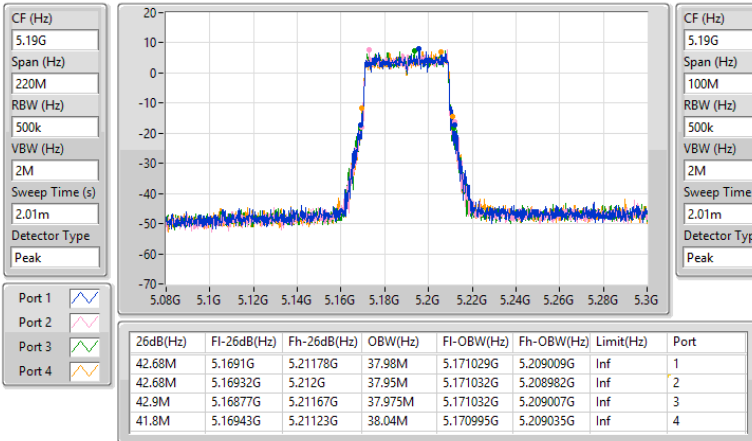


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

01/08/2026

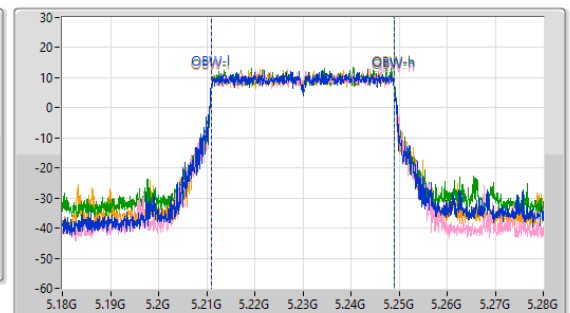
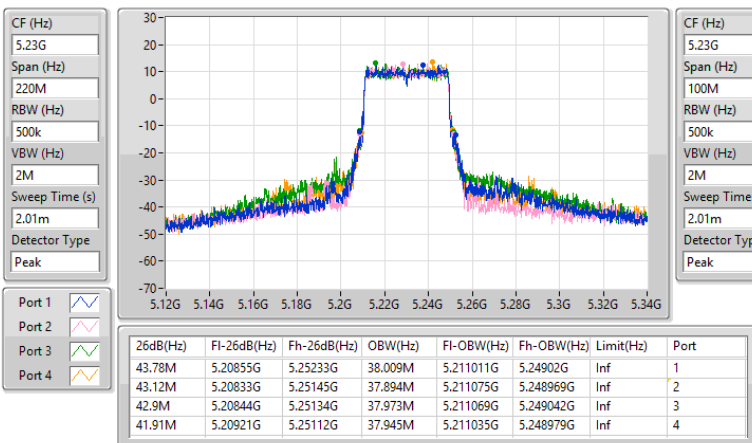


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

01/08/2026

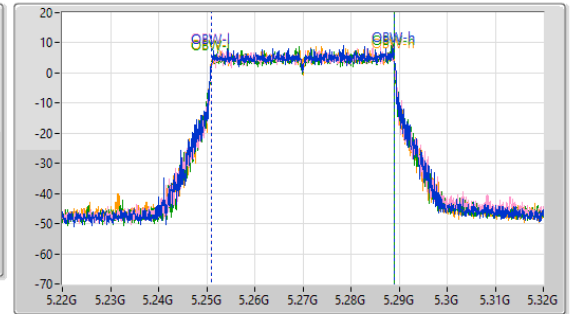
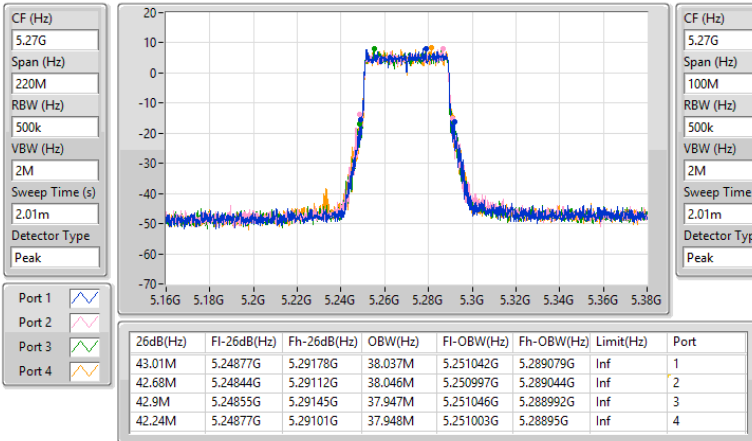


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

01/08/2026

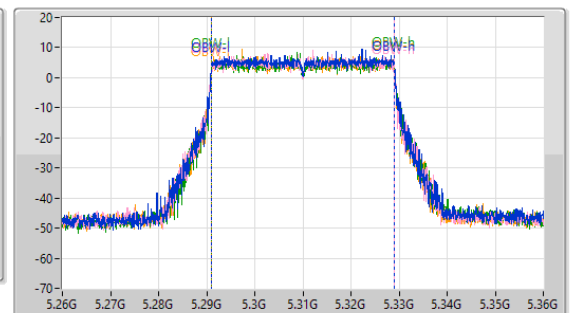
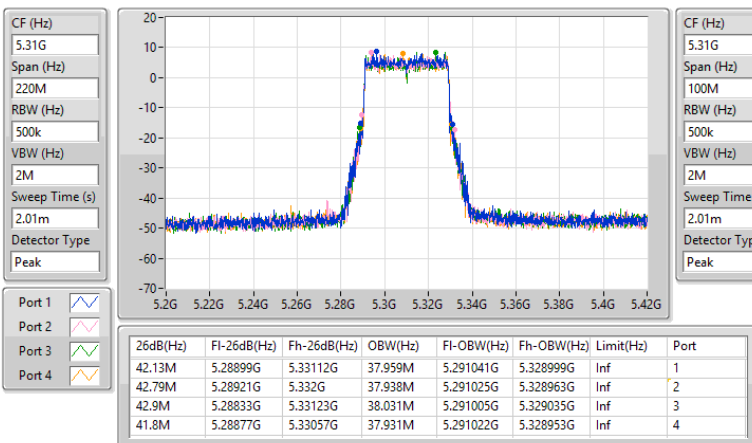


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

01/08/2026

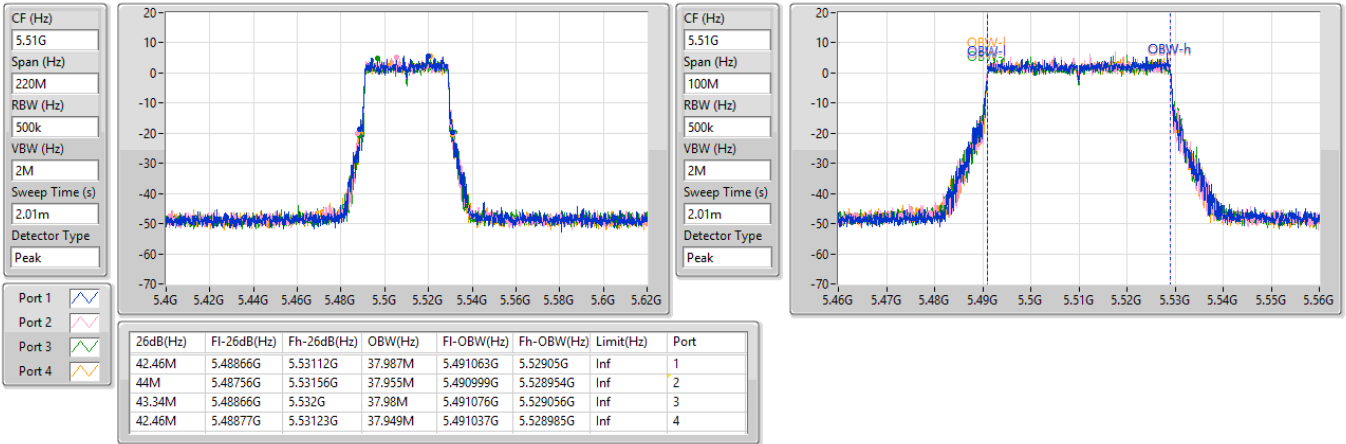


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

01/08/2026

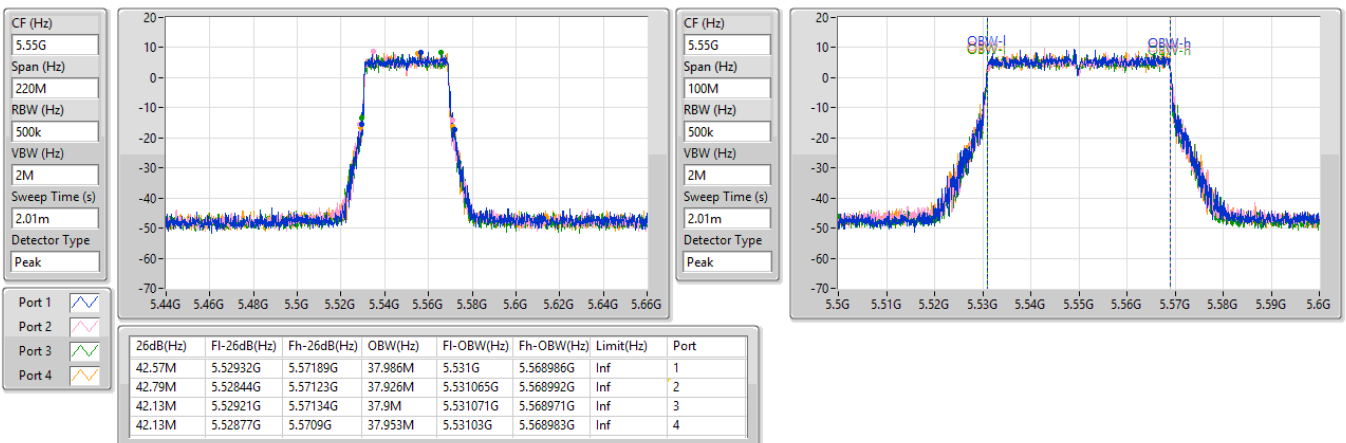


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

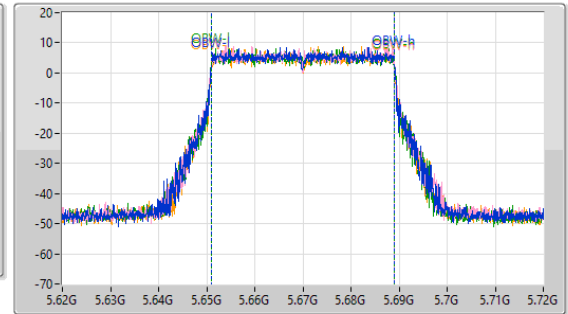
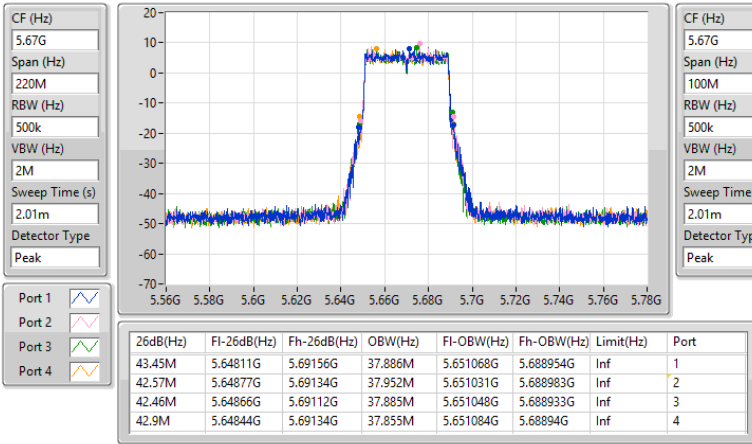
5550MHz

01/08/2026

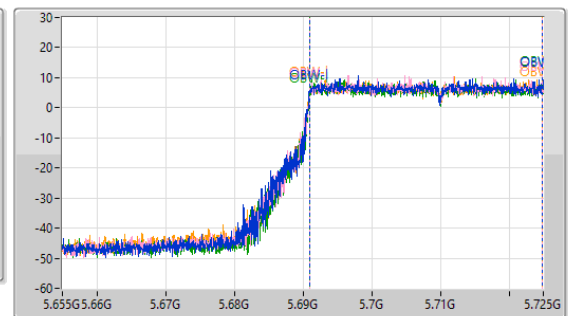
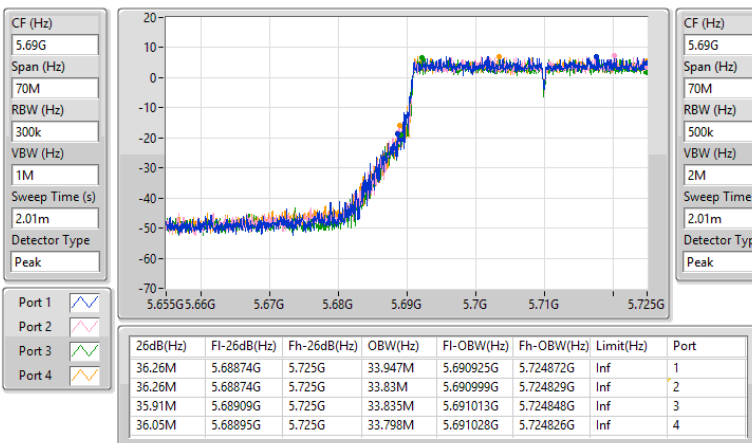


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

01/08/2026

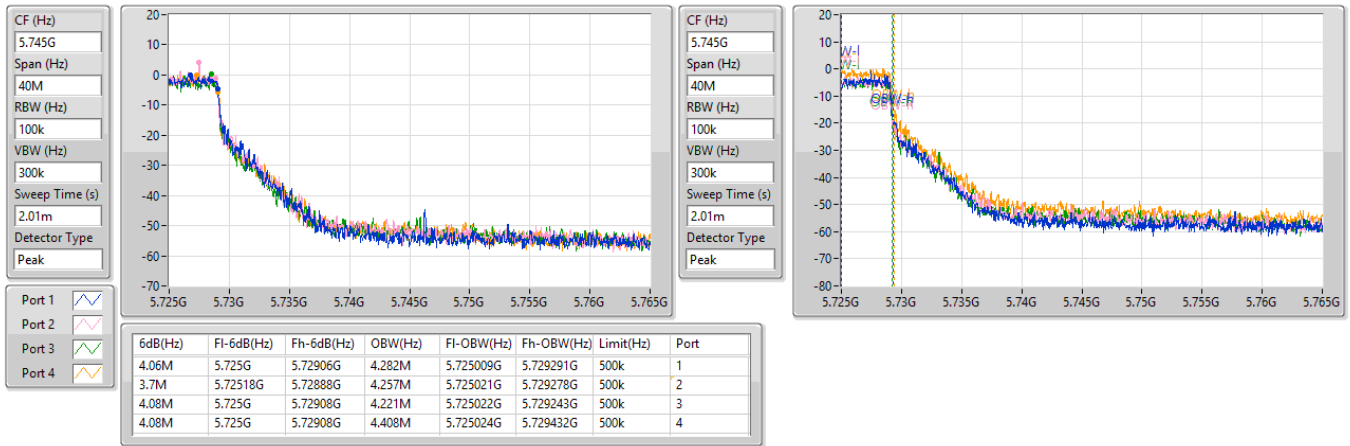

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

01/08/2026

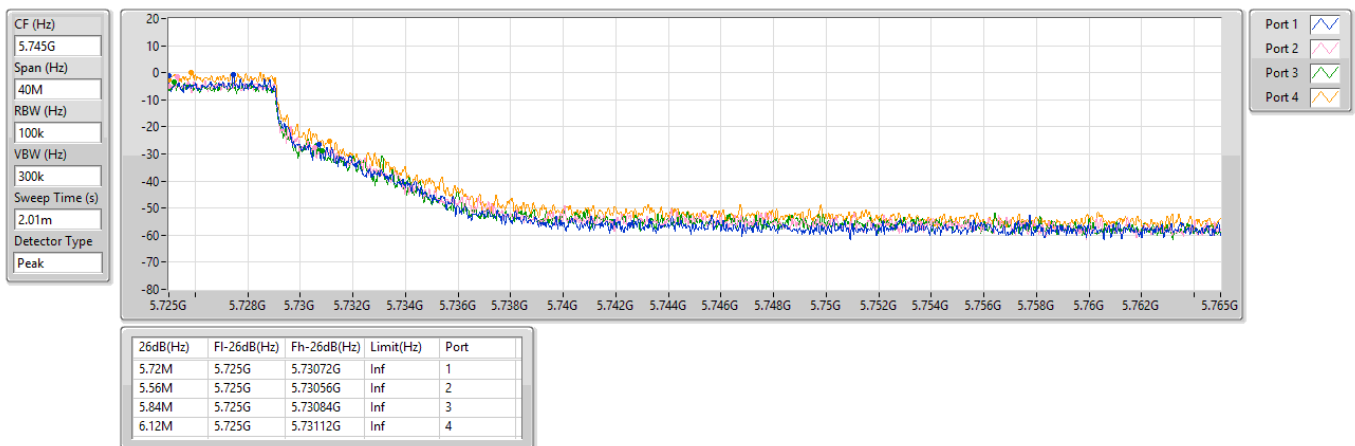


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/08/2026


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/08/2026

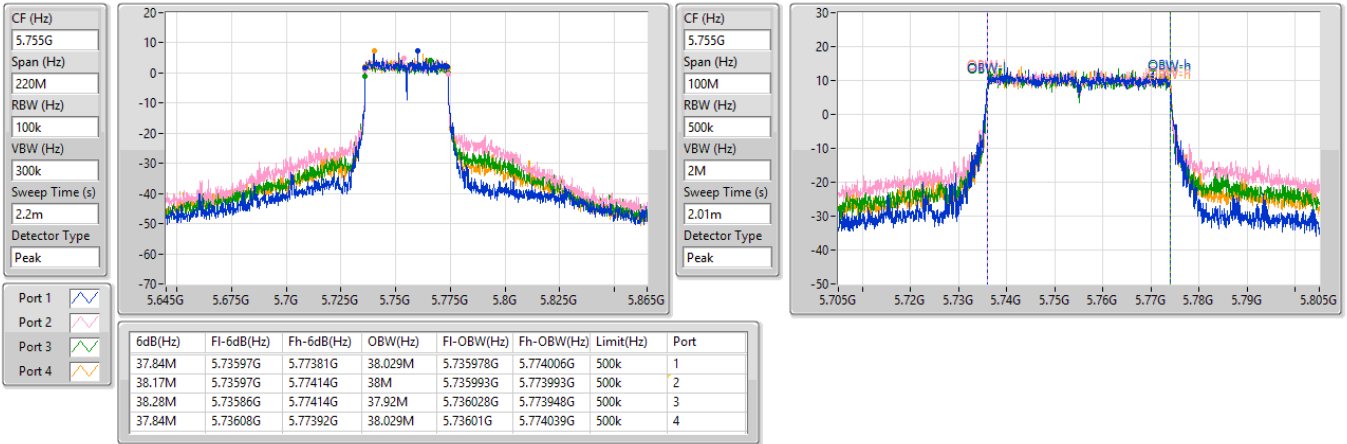


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

01/08/2026

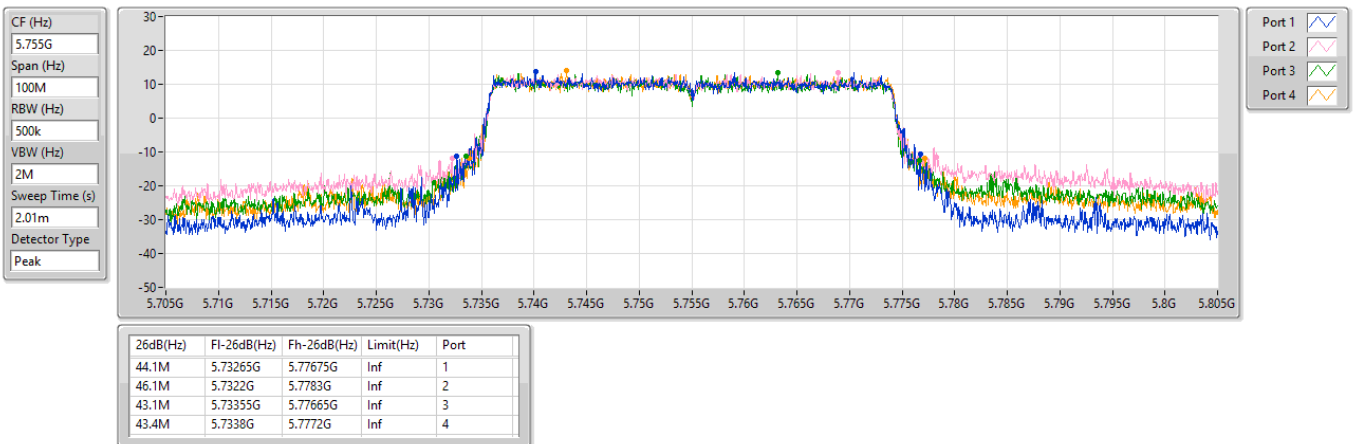


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

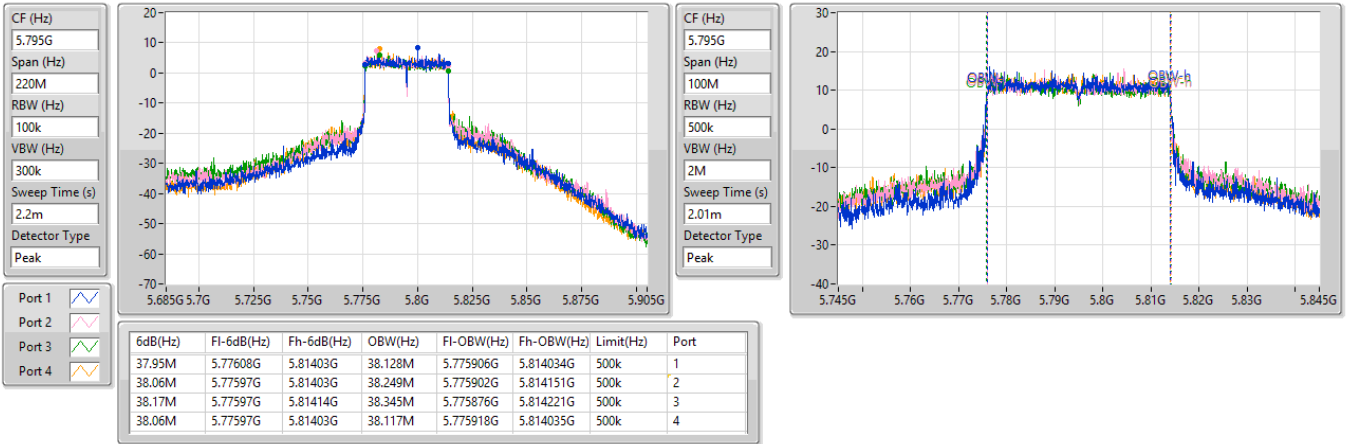
5755MHz

01/08/2026

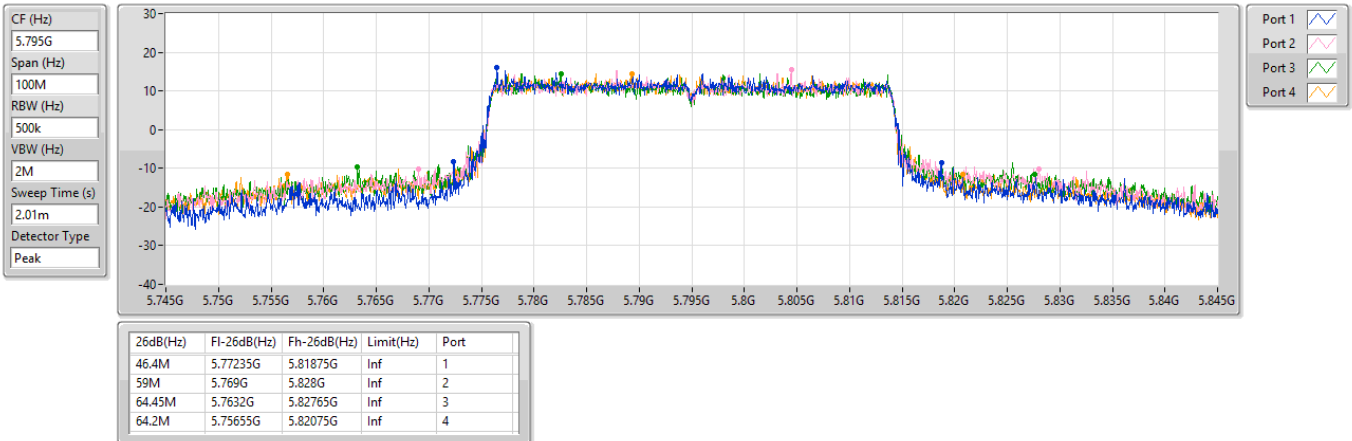


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5795MHz

01/08/2026


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5795MHz

01/08/2026

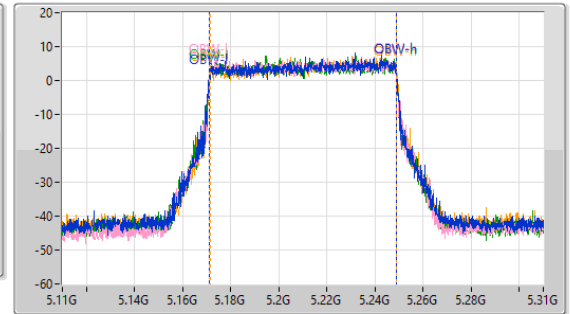
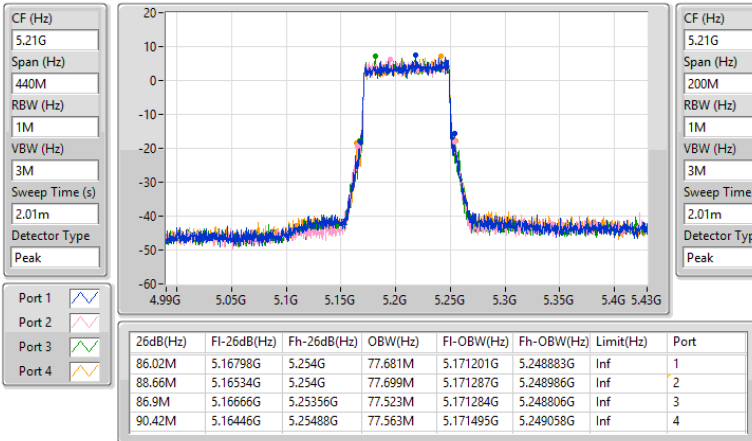


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

01/08/2026

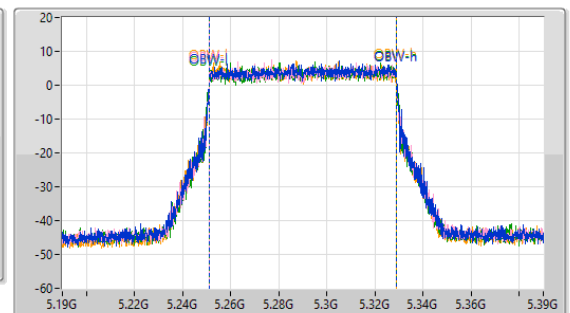
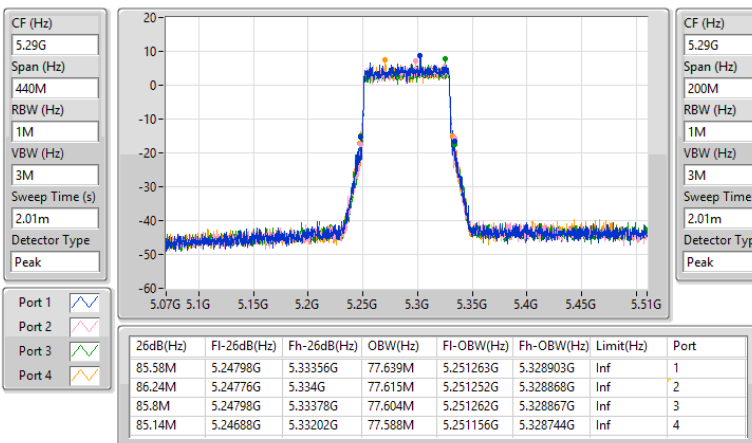


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

01/08/2026

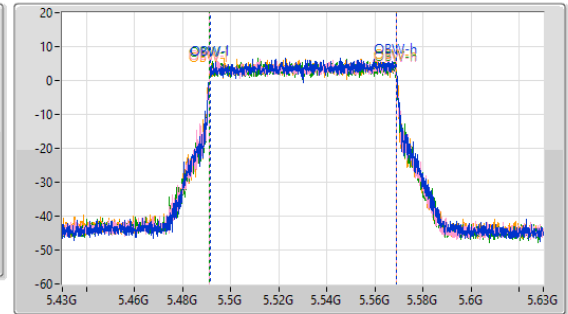
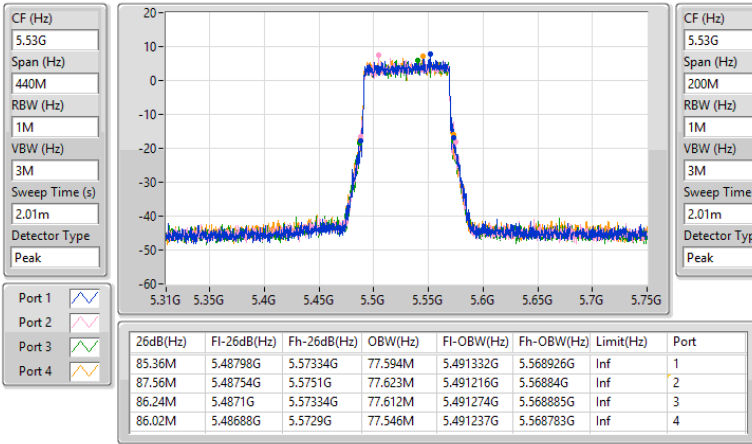


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

01/08/2026

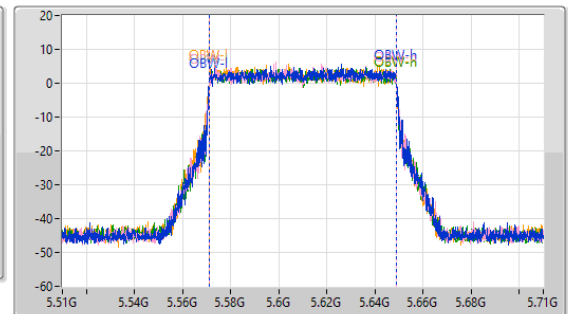
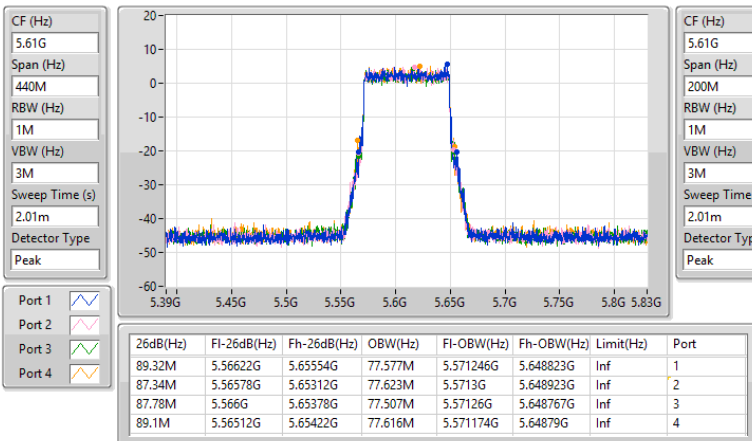


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

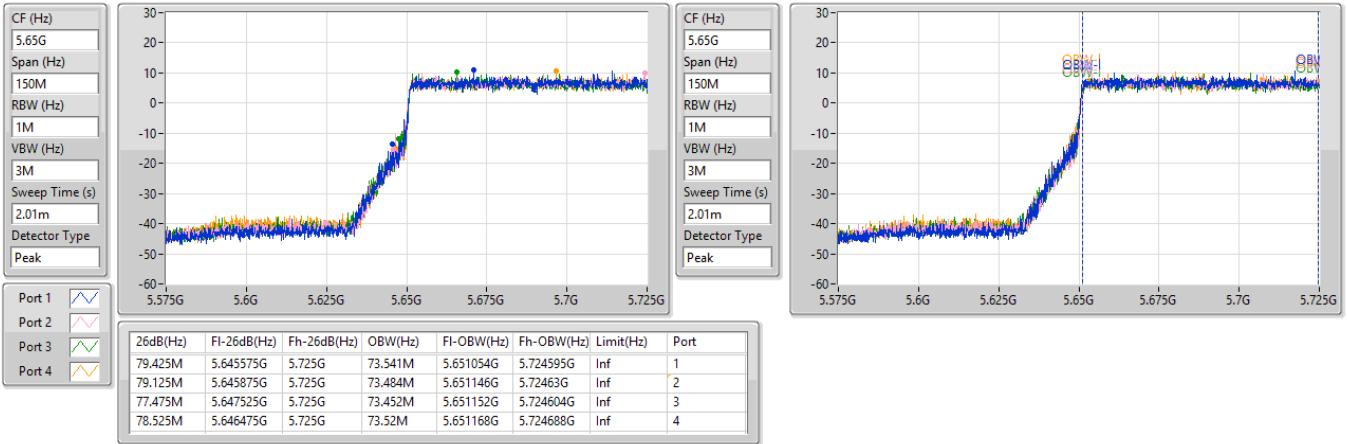
5610MHz

01/08/2026

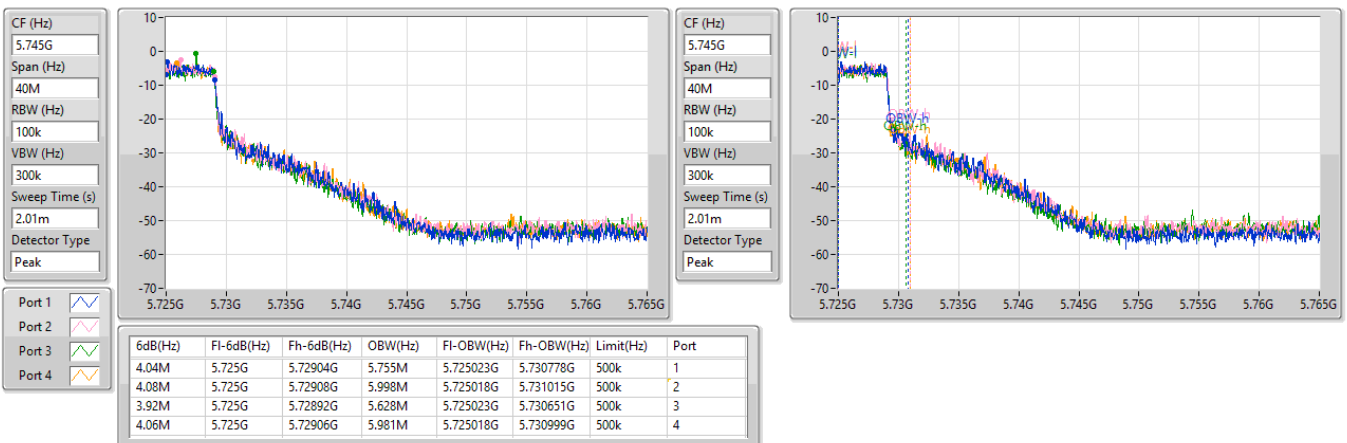


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

01/08/2026


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

01/08/2026

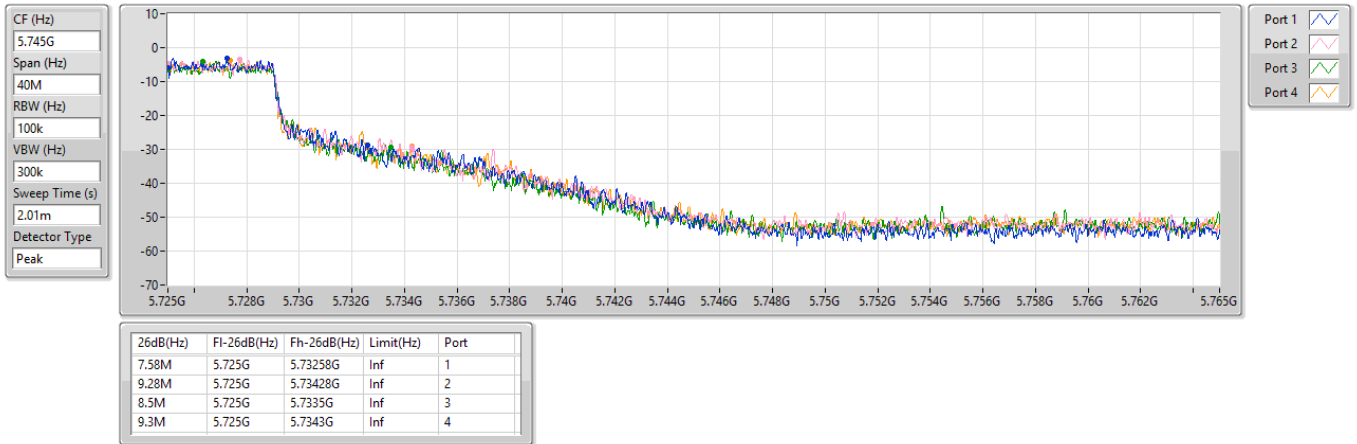


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/08/2026

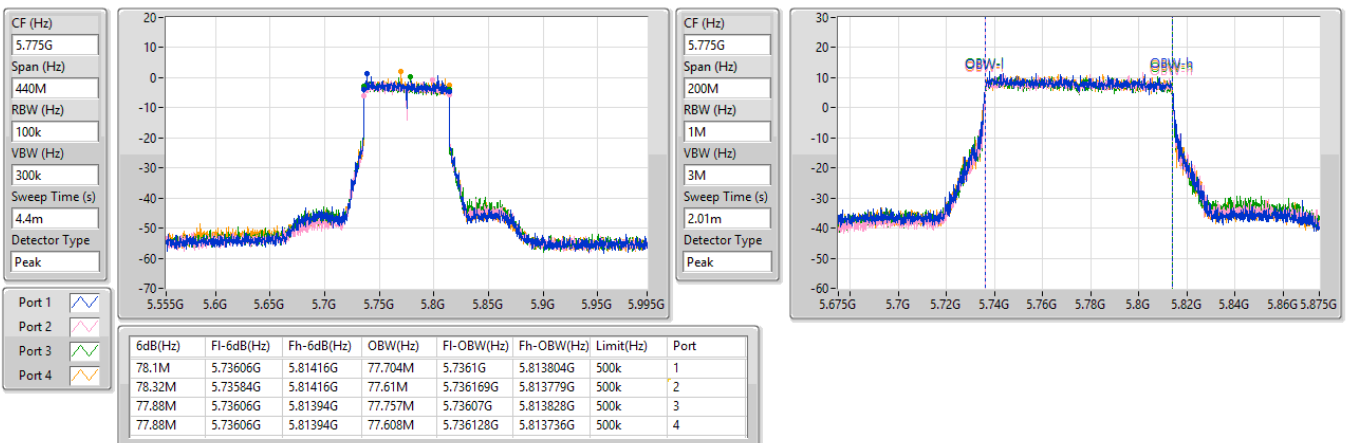


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

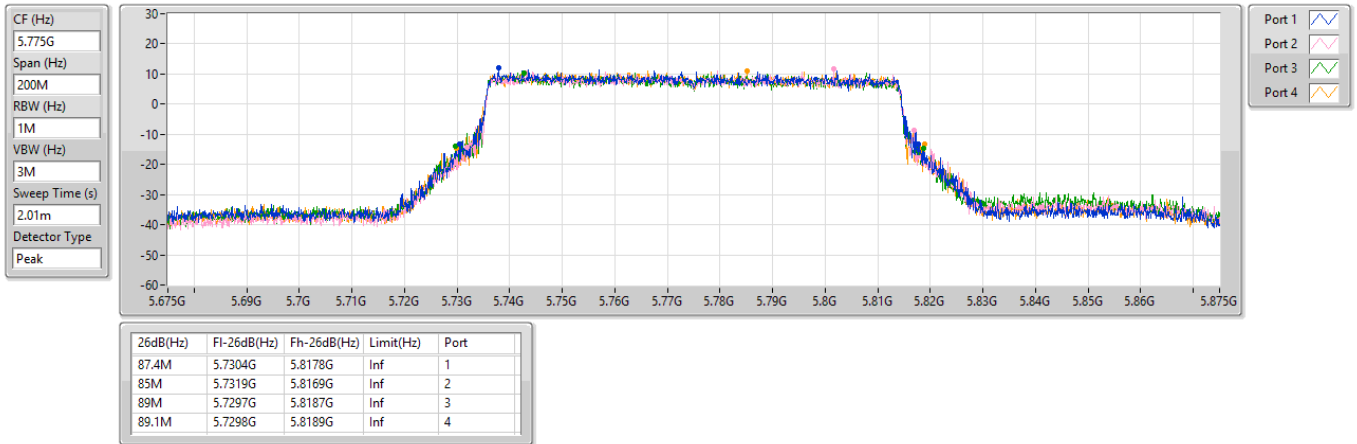
5775MHz

01/08/2026

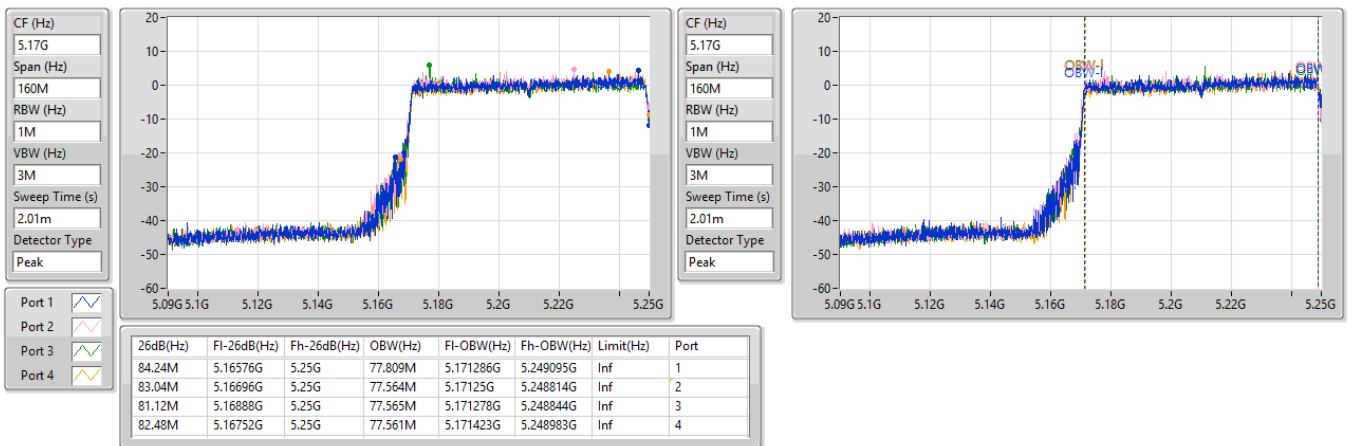


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5775MHz

01/08/2026


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

01/08/2026

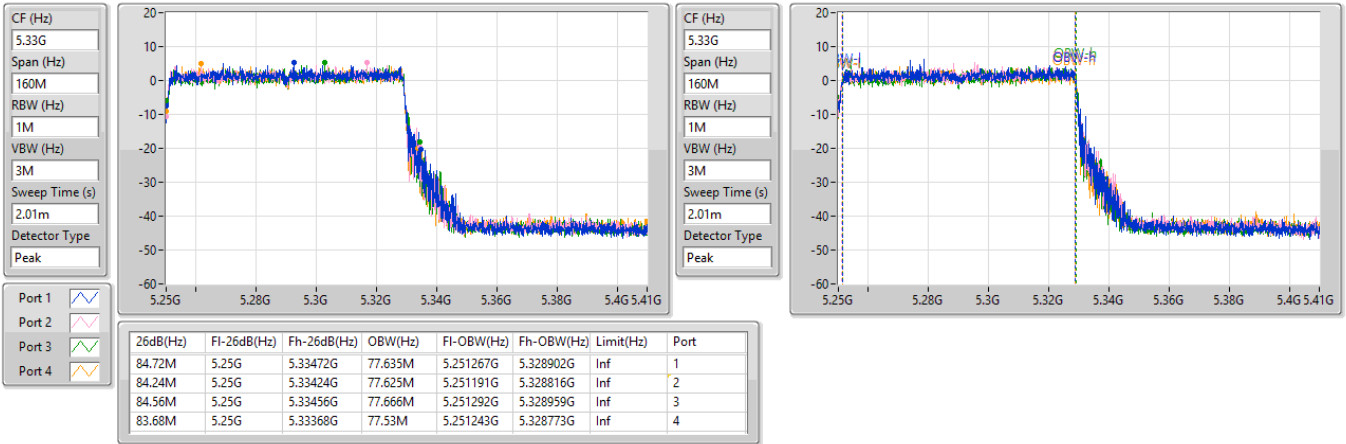


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

01/08/2026

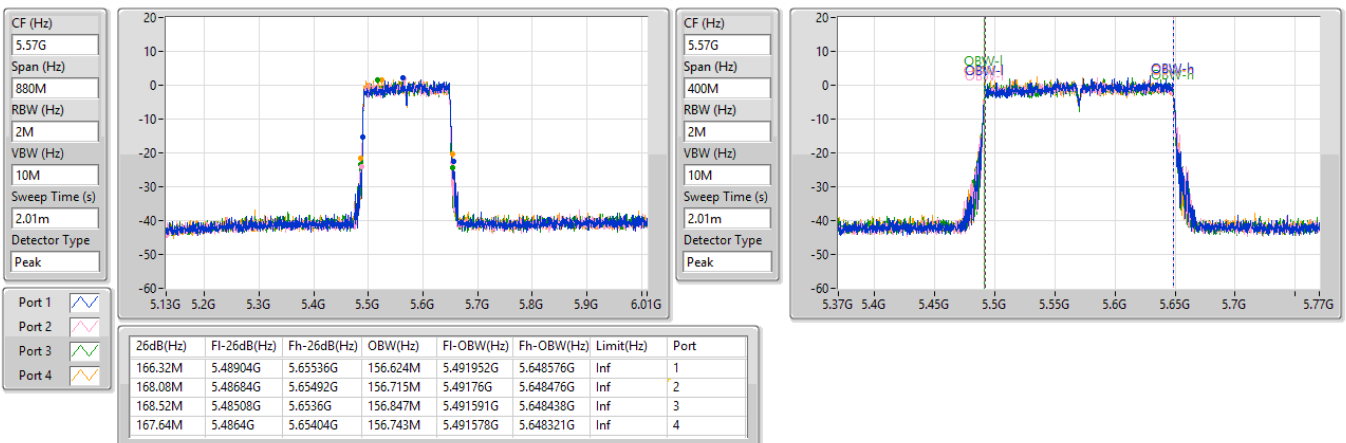


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

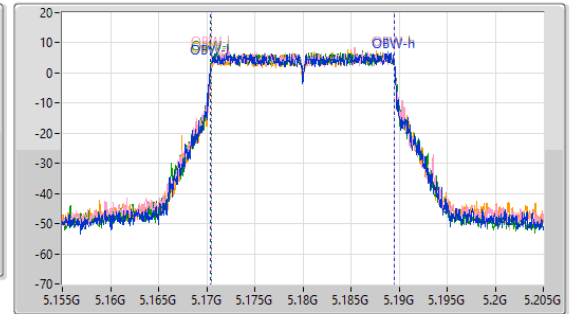
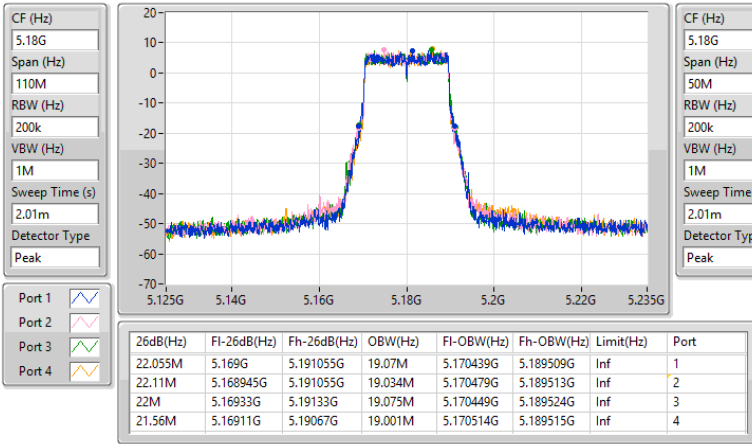
5570MHz

01/08/2026

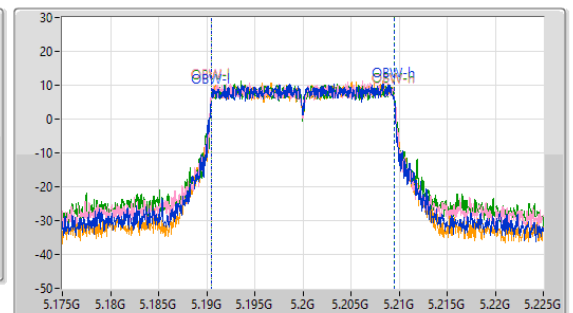
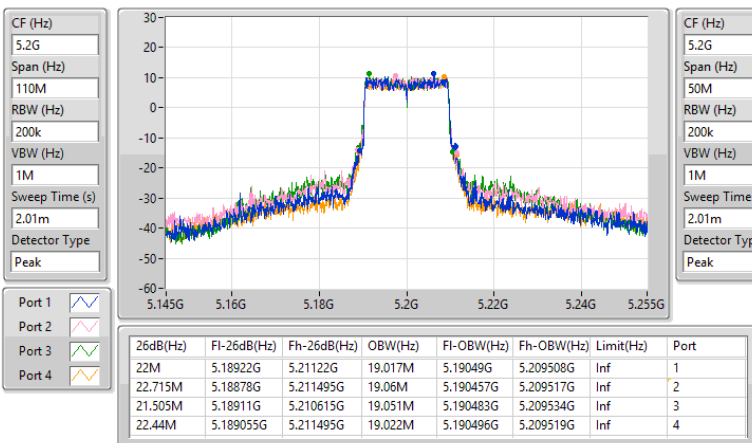


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5180MHz

01/08/2026

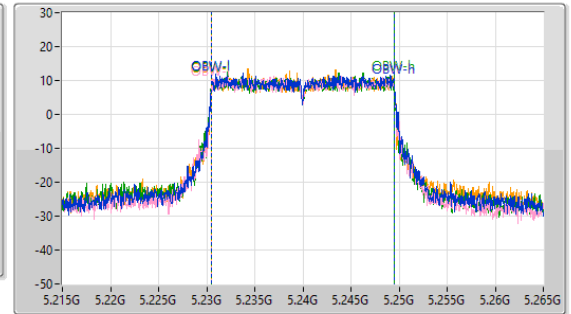
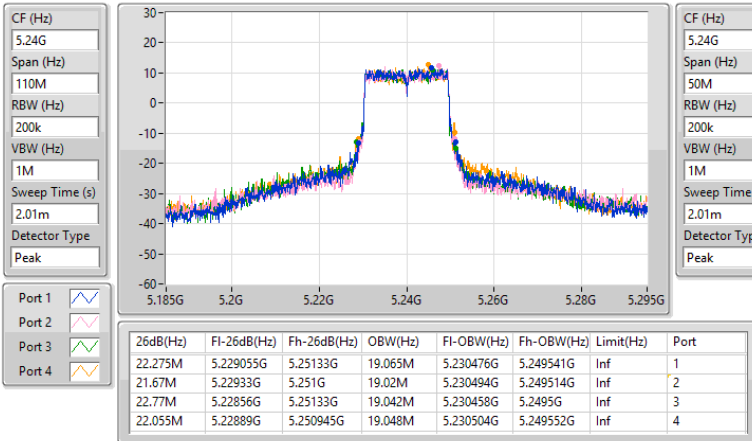

5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5200MHz

01/08/2026

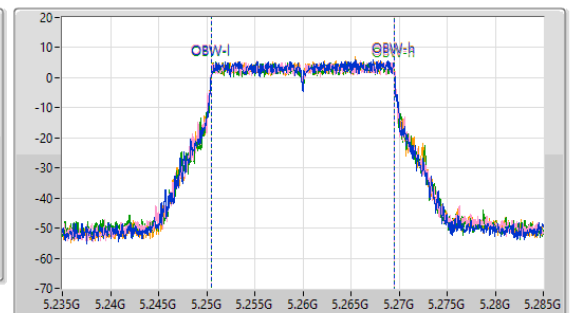
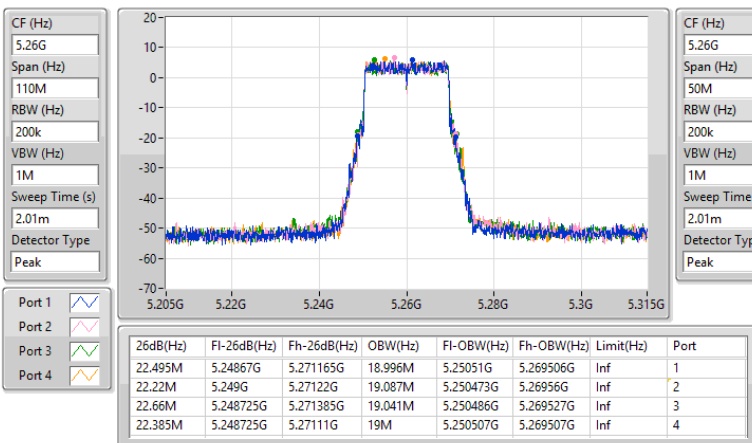


5.15-5.25GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5240MHz

01/08/2026


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5260MHz

01/08/2026

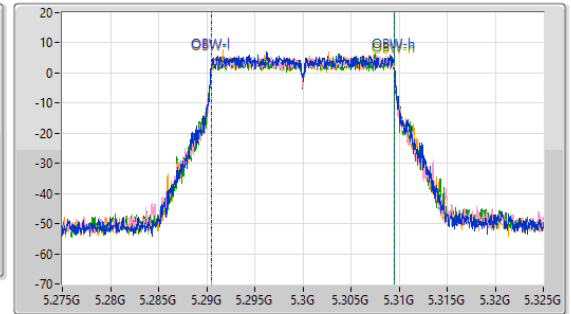
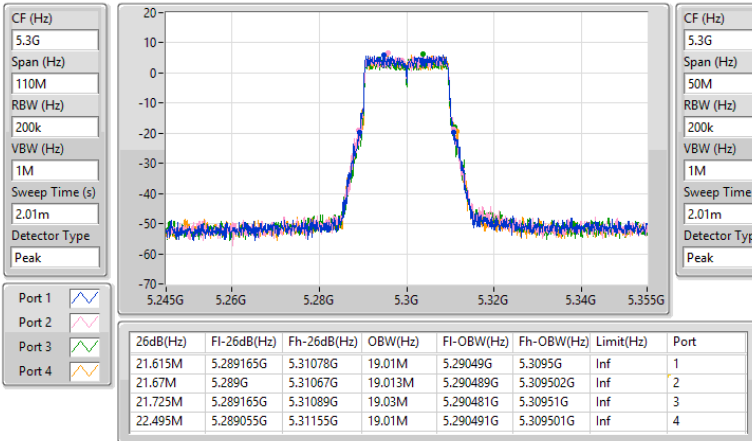


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5300MHz

01/08/2026

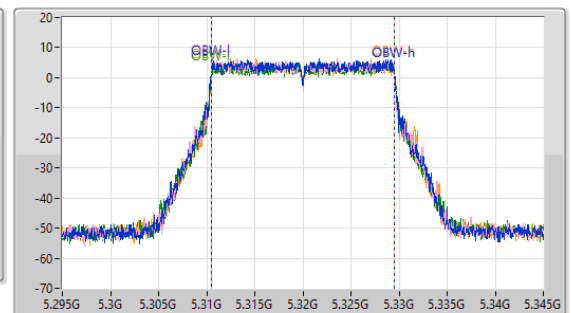
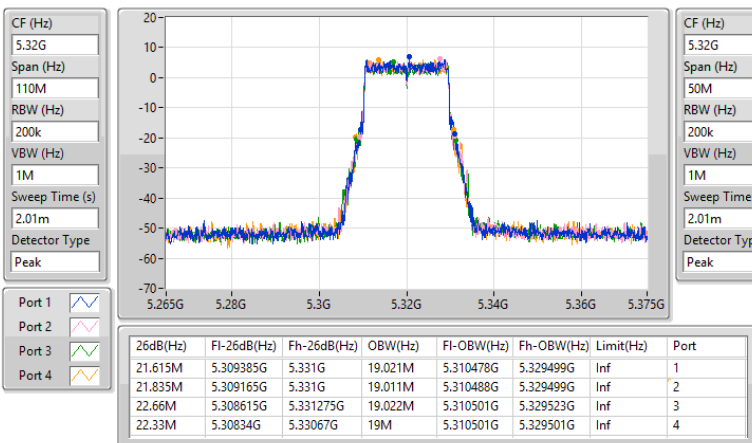


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

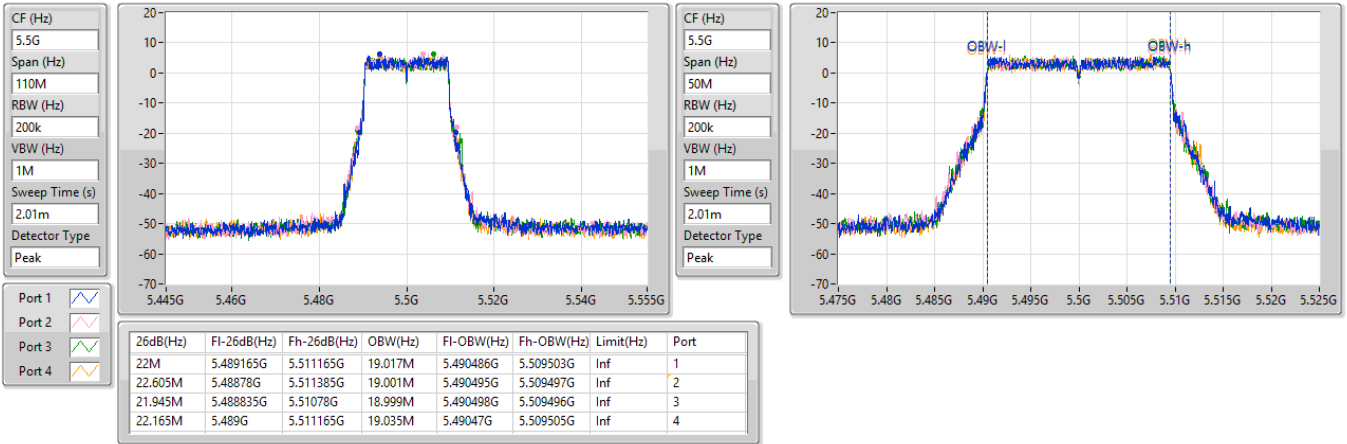
5320MHz

01/08/2026

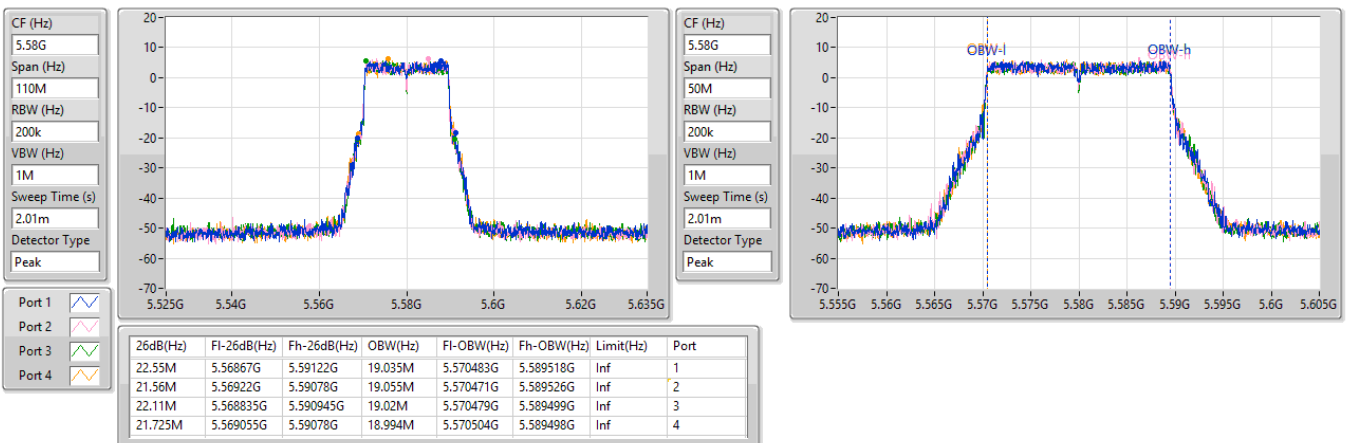


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5500MHz

01/08/2026

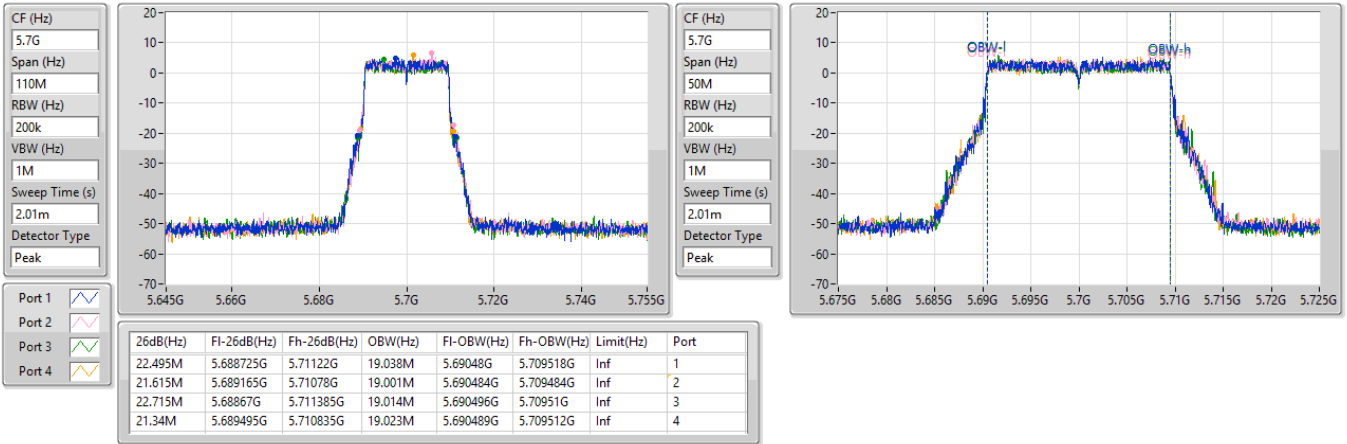

5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5580MHz

01/08/2026

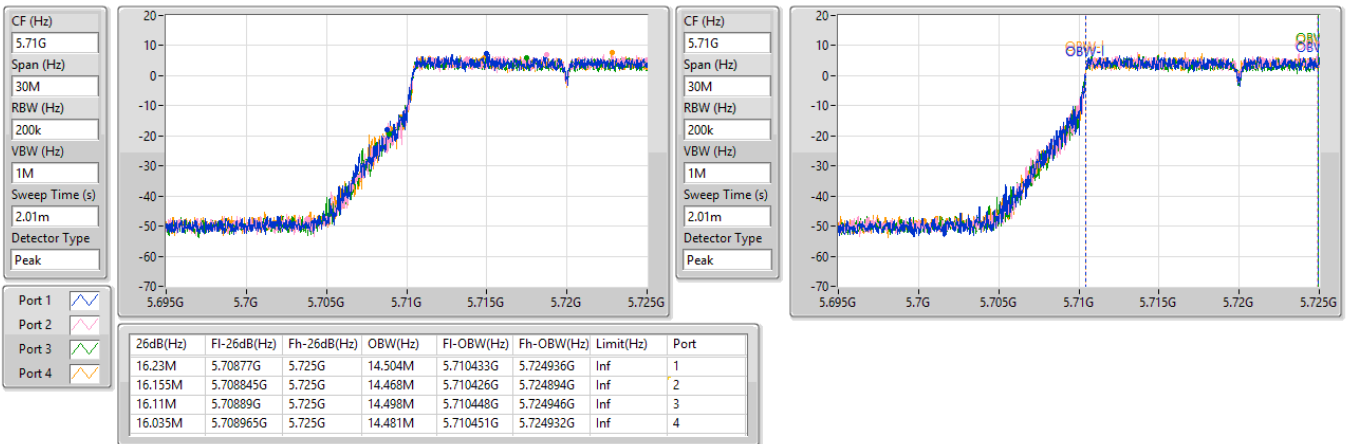


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5700MHz

01/08/2026


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/08/2026

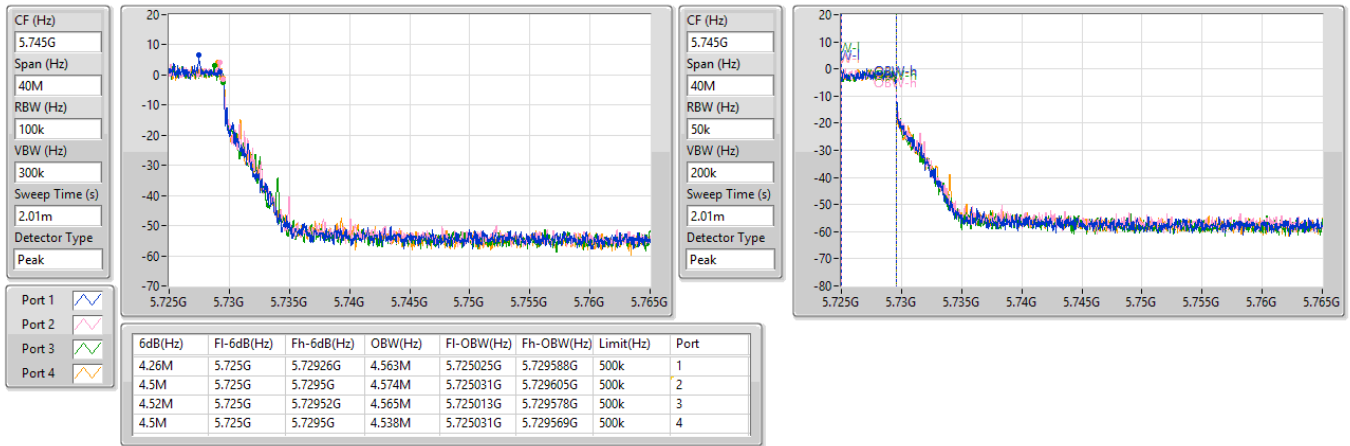


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2026



5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2026

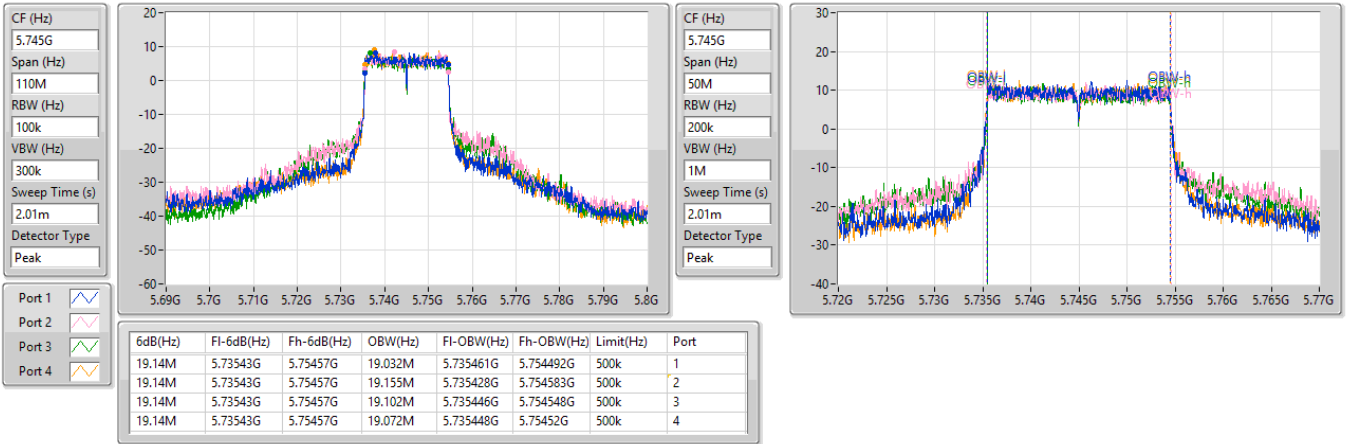


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5745MHz

01/08/2026



5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

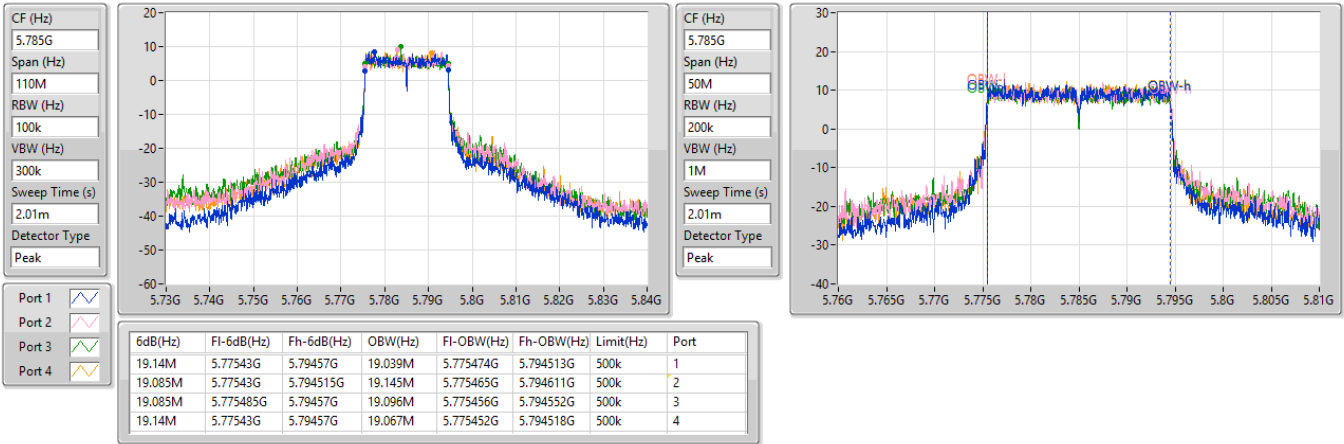
5745MHz

01/08/2026

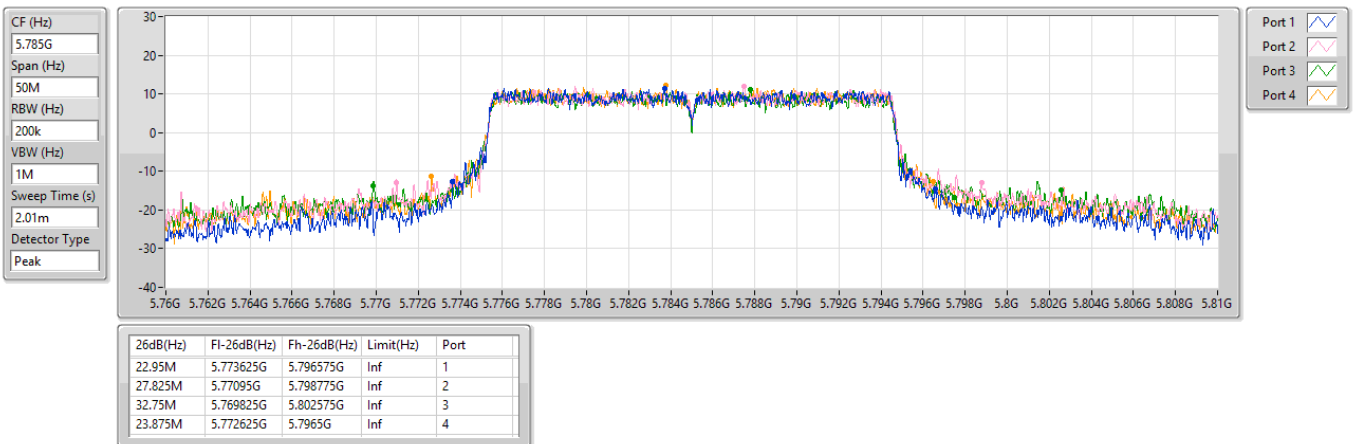


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5785MHz

01/08/2026

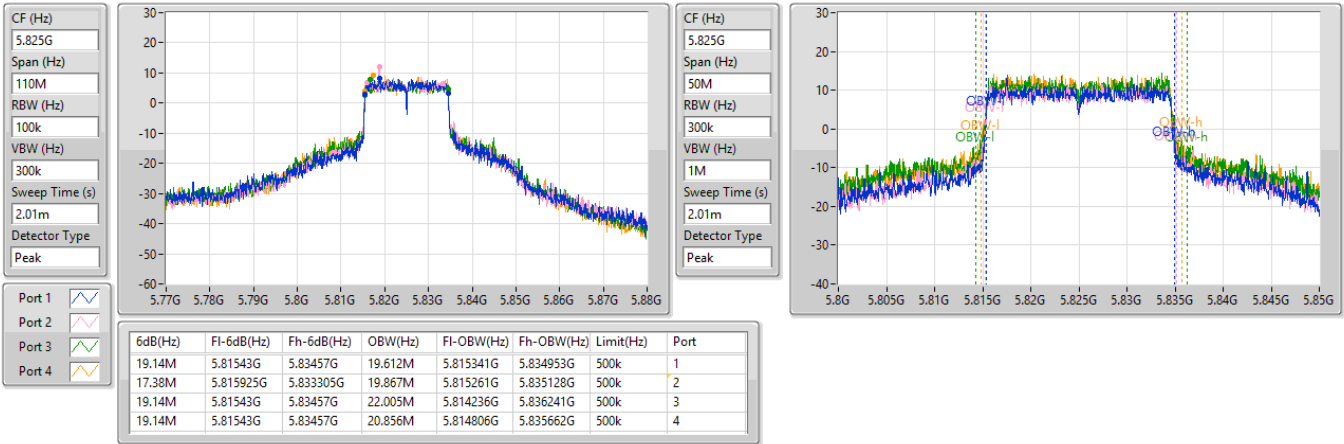

5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5785MHz

01/08/2026

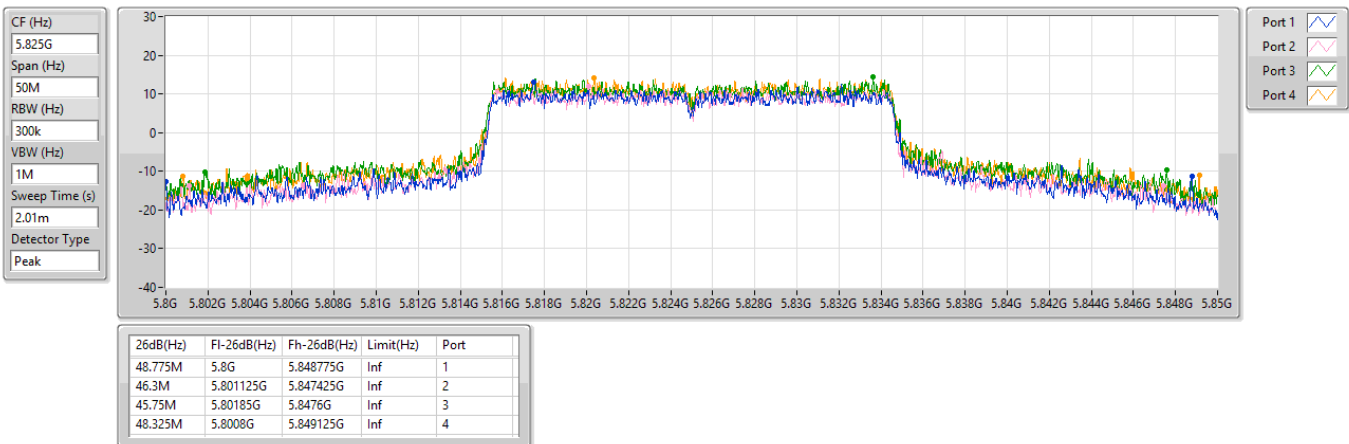


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5825MHz

01/08/2026

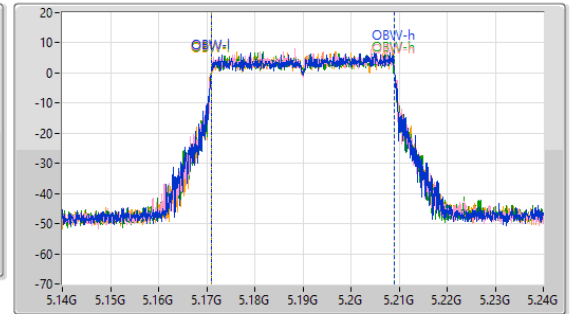
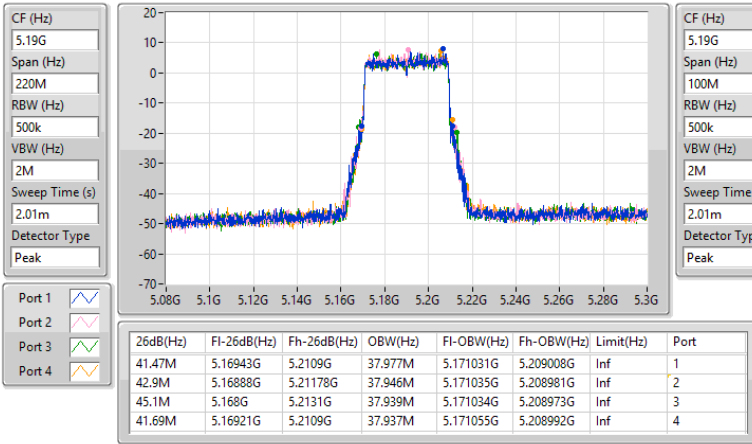

5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
5825MHz

01/08/2026

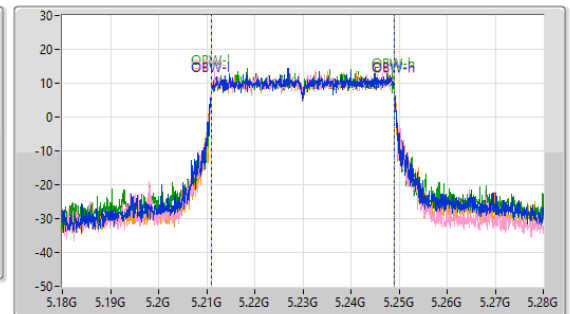
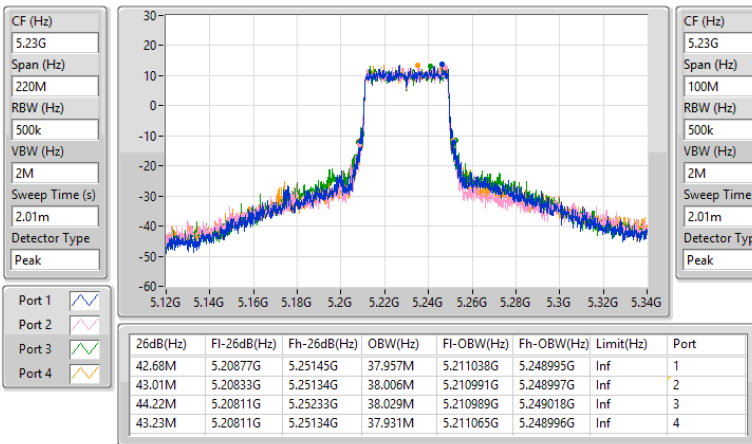


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5190MHz

01/08/2026

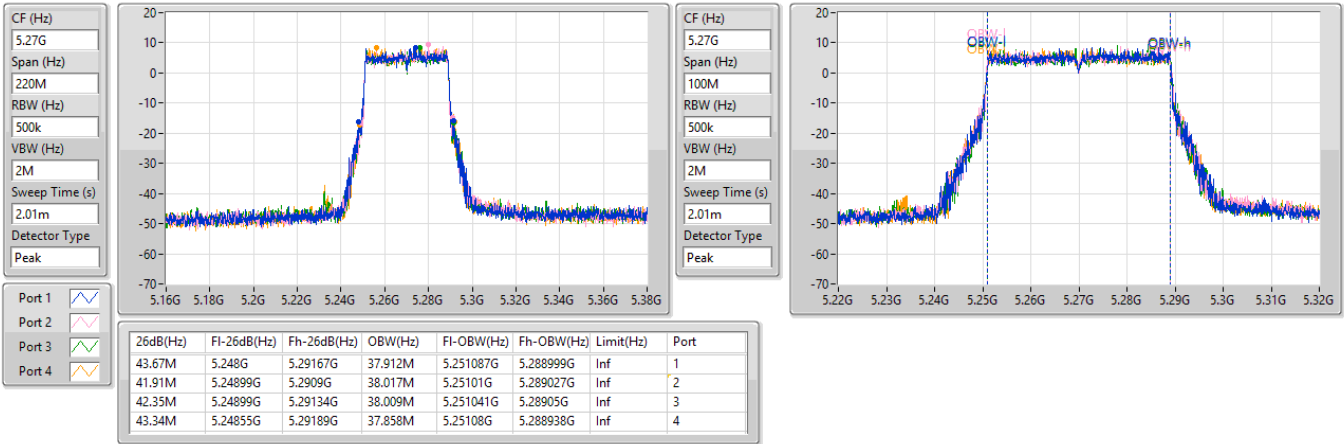

5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5230MHz

01/08/2026

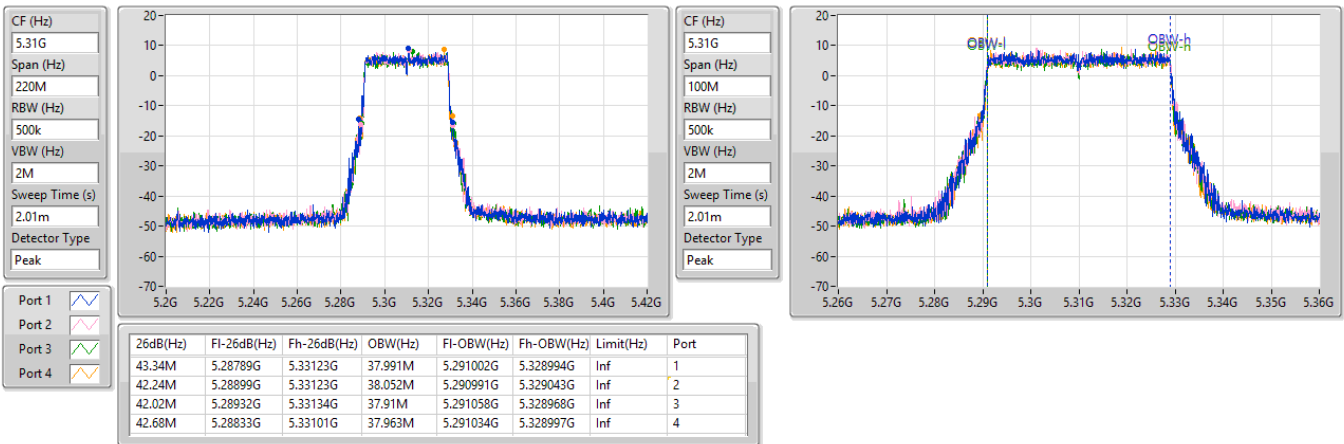


5.25-5.35GHz_802.11be EHT40_Nss4_(MCS0)_4TX
EBW
5270MHz

01/08/2026


5.25-5.35GHz_802.11be EHT40_Nss4_(MCS0)_4TX
EBW
5310MHz

01/08/2026

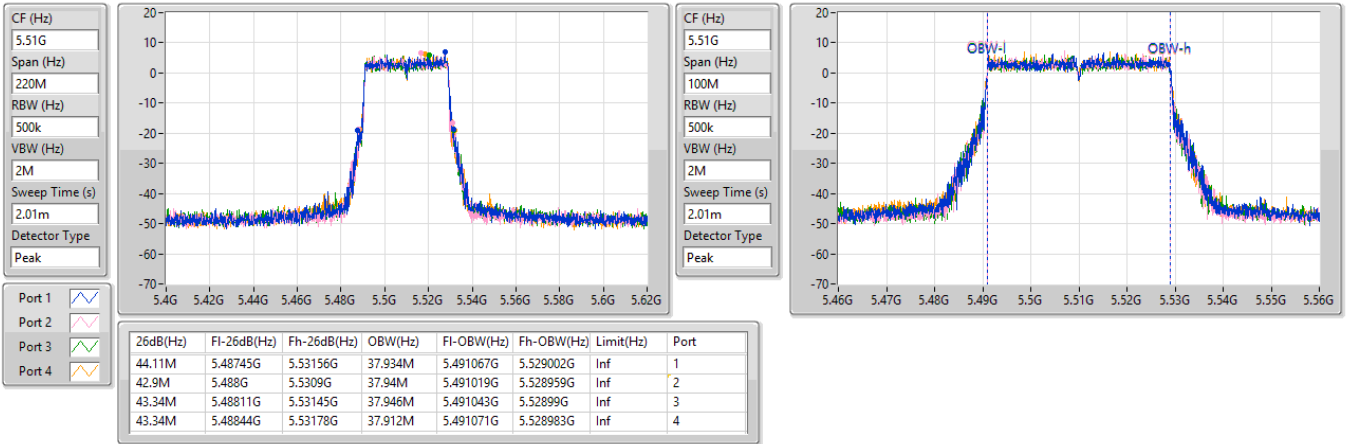


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5510MHz

01/08/2026

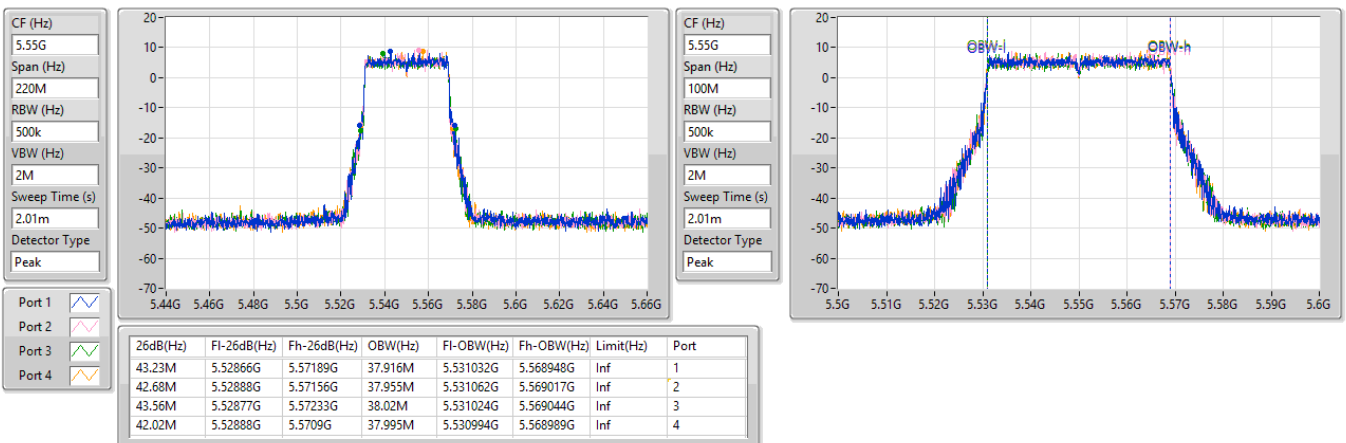


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5550MHz

01/08/2026

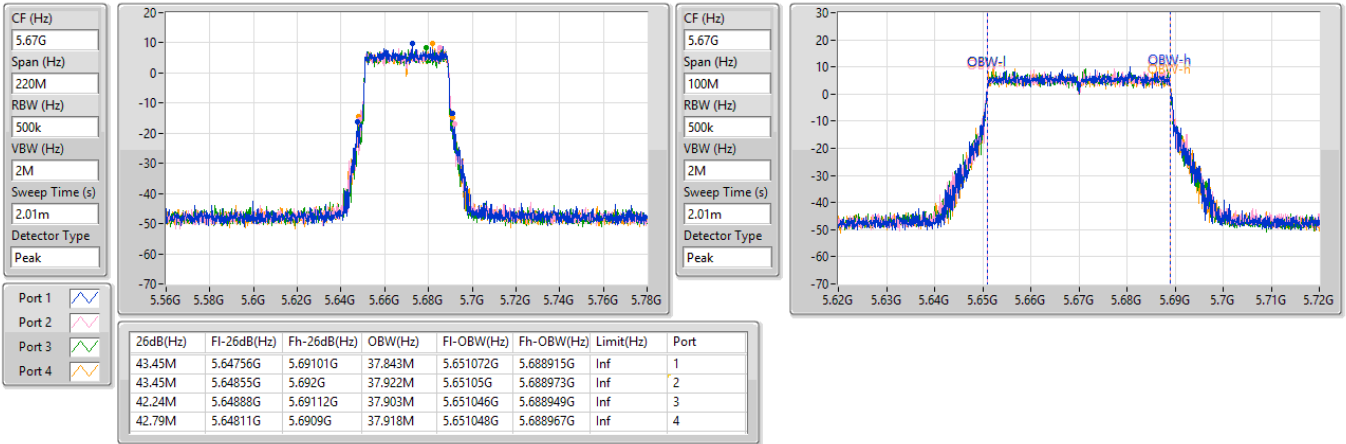


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5670MHz

01/08/2026

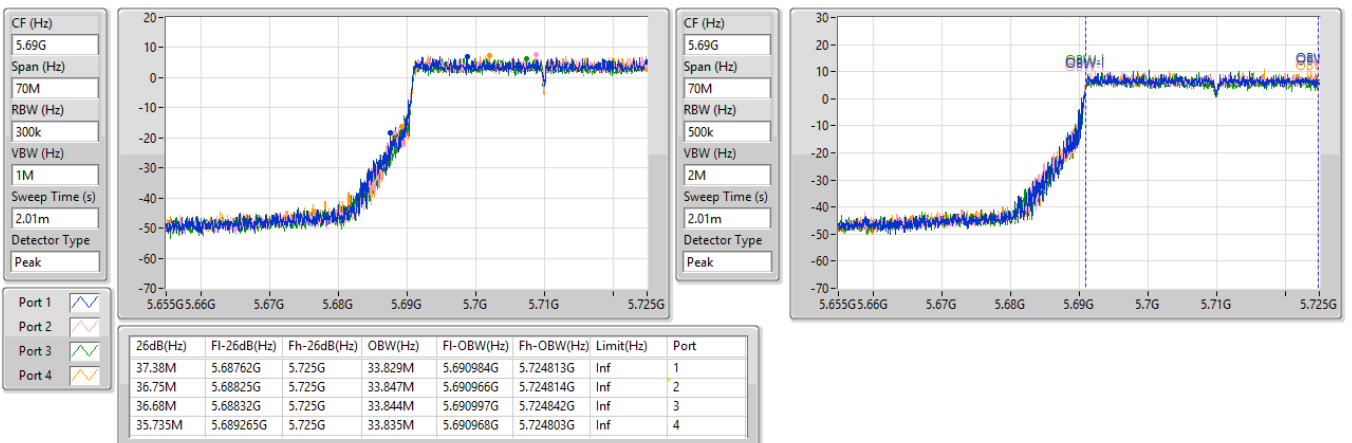


5.47-5.725GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

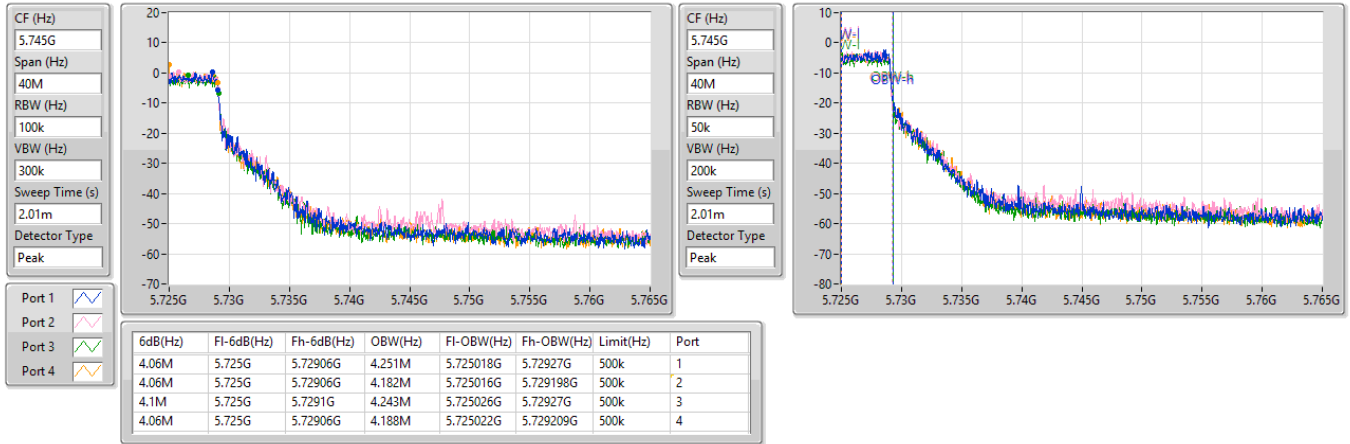
5710MHz Straddle 5.47-5.725GHz

01/08/2026

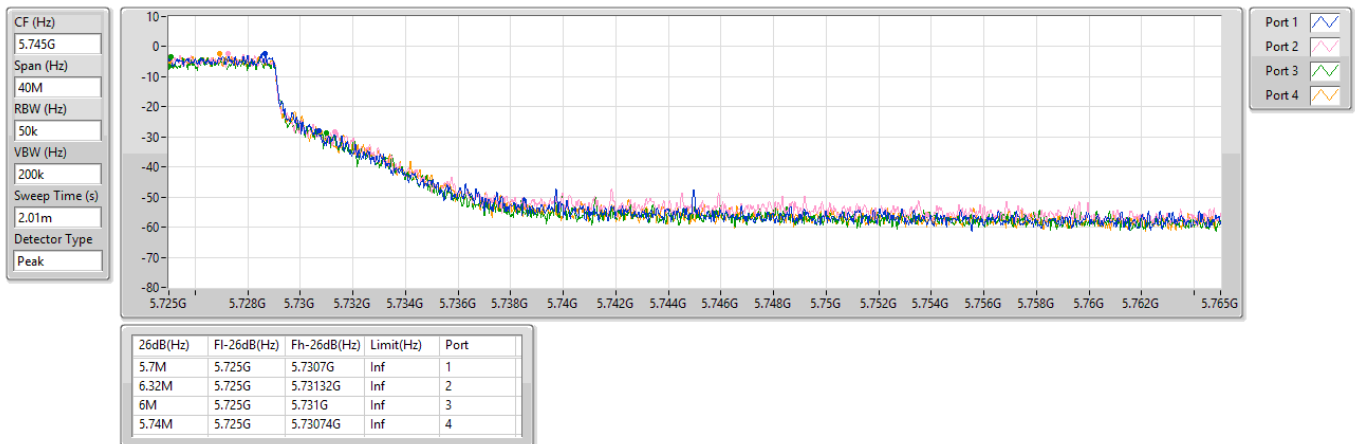


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/08/2026


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/08/2026

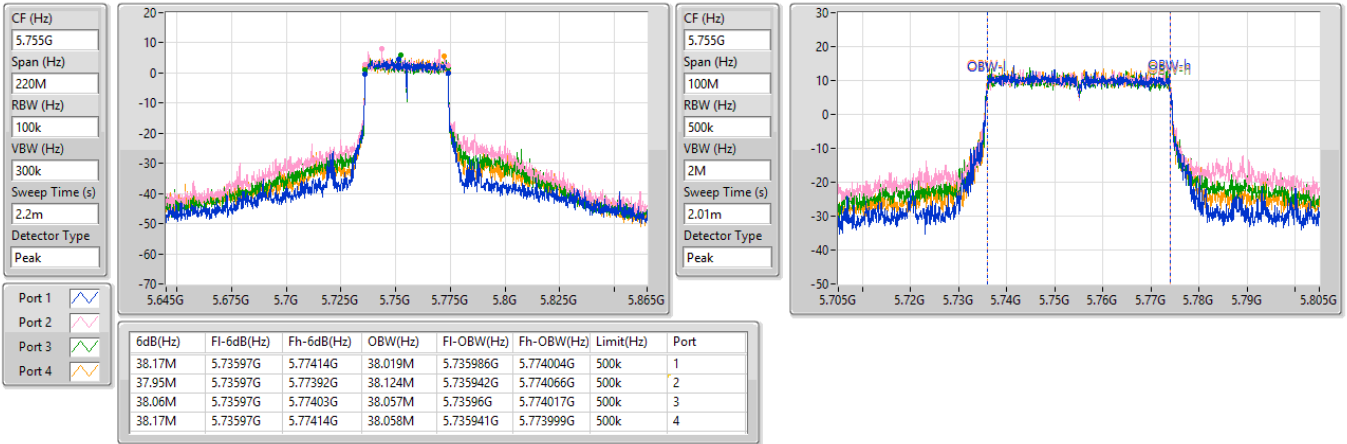


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5755MHz

01/08/2026

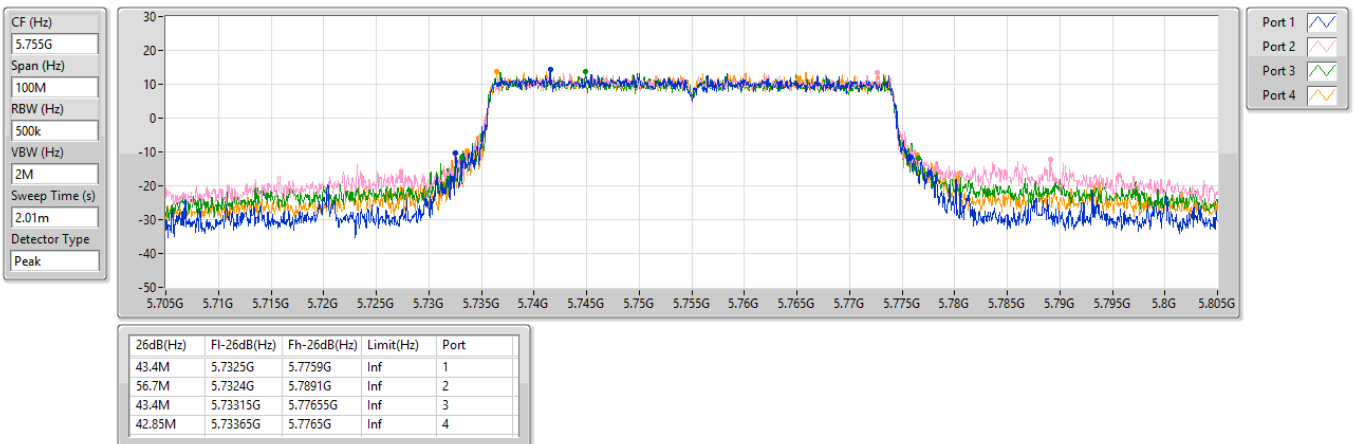


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

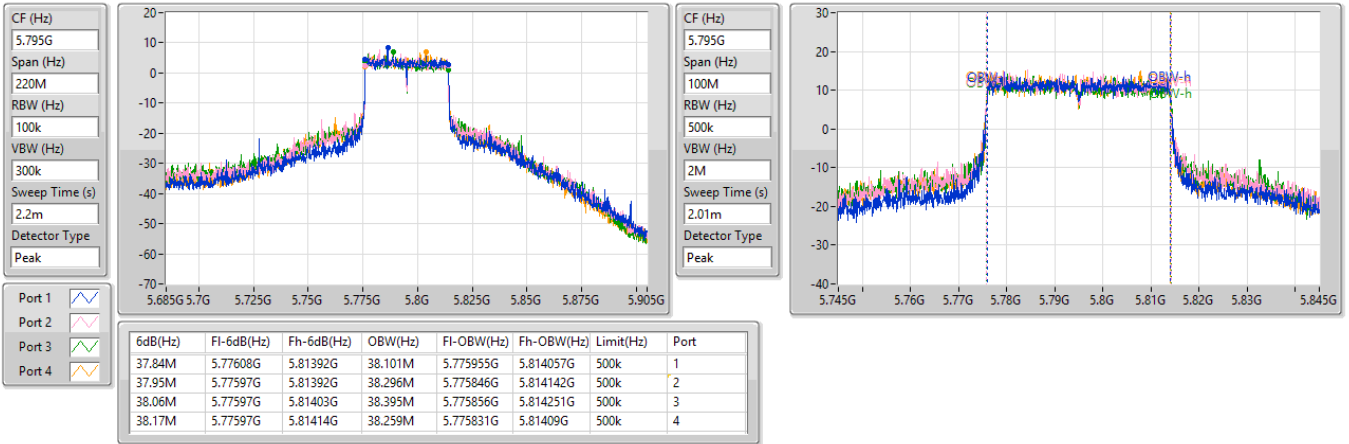
5755MHz

01/08/2026



5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5795MHz

01/08/2026


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX
EBW
5795MHz

01/08/2026

