

FCC Radio Test Report

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022S6D
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 15, 2025, and testing was started from Nov. 05, 2025 and completed on Mar. 11, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.4	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 Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Radio 1

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20),	5180-5240	36-48 [4]
5250-5350	ax (HEW20), be(EHT20)	5260-5320	52-64 [4]
5150-5250	n (HT40), ac (VHT40),	5190-5230	38-46 [2]
5250-5350	ax (HEW40), be(EHT40)	5270-5310	54-62 [2]
5150-5250	ac (VHT80), ax (HEW80),	5210	42 [1]
5250-5350	be(EHT80)	5290	58 [1]

Non-Beamforming_Radio 1_Full RU_1T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.15-5.25GHz	802.11be EHT20	20	1TX
5.25-5.35GHz	802.11be EHT20	20	1TX
5.15-5.25GHz	802.11be EHT40	40	1TX
5.25-5.35GHz	802.11be EHT40	40	1TX
5.15-5.25GHz	802.11be EHT80	80	1TX
5.25-5.35GHz	802.11be EHT80	80	1TX

Non-Beamforming_Radio 1_Full RU_2T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX

**Non-Beamforming_Radio 1_Full RU_2T2S**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX

Non-Beamforming_Radio 1_Full RU_4T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.25-5.35GHz	802.11a	20	4TX
5.15-5.25GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX

Non-Beamforming_Radio 1_Full RU_4T4S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX

**Non-Beamforming_Radio 1_Multi-RU_1T1S**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	1TX
5.25-5.35GHz	802.11be EHT80	80	1TX

Non-Beamforming_Radio 1_Multi-RU_2T1S & 2T2S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX

Non-Beamforming_Radio 1_Multi-RU_4T1S & 4T4S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX

Beamforming_Radio 1

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.15-5.25GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.15-5.25GHz	802.11be EHT80-BF	80	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX

**Radio 2, Scan Radio**

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		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
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		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
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		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be(EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming_Radio 2_Full RU_1T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11be EHT20	20	1TX
5.25-5.35GHz	802.11be EHT20	20	1TX
5.47-5.725GHz	802.11be EHT20	20	1TX
5.725-5.85GHz	802.11be EHT20	20	1TX
5.15-5.25GHz	802.11be EHT40	40	1TX
5.25-5.35GHz	802.11be EHT40	40	1TX
5.47-5.725GHz	802.11be EHT40	40	1TX
5.725-5.85GHz	802.11be EHT40	40	1TX
5.15-5.25GHz	802.11be EHT80	80	1TX
5.25-5.35GHz	802.11be EHT80	80	1TX
5.47-5.725GHz	802.11be EHT80	80	1TX
5.725-5.85GHz	802.11be EHT80	80	1TX



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT160	160	1TX
5.25-5.35GHz	802.11be EHT160	160	1TX
5.47-5.725GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_Full RU_2T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Full RU_2T2S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Full RU_4T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

**Non-Beamforming_Radio 2_Full RU_4T4S**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Non-Beamforming_Radio 2_Multi-RU_1T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	1TX
5.25-5.35GHz	802.11be EHT80	80	1TX
5.47-5.725GHz	802.11be EHT80	80	1TX
5.725-5.85GHz	802.11be EHT80	80	1TX
5.15-5.25GHz	802.11be EHT160	160	1TX
5.25-5.35GHz	802.11be EHT160	160	1TX
5.47-5.725GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_Multi-RU_2T1S & 2T2S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

**Non-Beamforming_Radio 2_Multi-RU_4T1S & 4T4S**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Non-Beamforming_Scan Radio_2T1S

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

**Non-Beamforming_Scan Radio_2T2S**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Beamforming_Radio 2

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.47-5.725GHz	802.11be EHT20-BF	20	4TX
5.725-5.85GHz	802.11be EHT20-BF	20	4TX
5.15-5.25GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.47-5.725GHz	802.11be EHT40-BF	40	4TX
5.725-5.85GHz	802.11be EHT40-BF	40	4TX
5.15-5.25GHz	802.11be EHT80-BF	80	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11be EHT80-BF	80	4TX
5.725-5.85GHz	802.11be EHT80-BF	80	4TX
5.15-5.25GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11be EHT160-BF	160	4TX
5.47-5.725GHz	802.11be EHT160-BF	160	4TX

Note:

- 11a, HT20 and 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, HET160 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.
- Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160. (Radio 2 & Scan Radio)
- Evaluated EHT20/EHT40/EHT80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/HEW20/HEW40/HEW80 mode are the same or lower than EHT20/EHT40/EHT80. (Radio 1)

1.1.2 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH42	CH58	CH106	CH122	CH138	CH155	CH171
484+242	1		--	V	--	V	V	V	V
	2		V	V	V	V	V	V	V
	3		V	V	V	V	V	V	V
	4		V	--	V	V	--	V	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH		
		160	CH50	CH114	CH163
996+484	1		--	V	--
	2		V	V	V
	3		V	V	V
	4		V	--	V
996+484+242	1		--	V	V
	2		V	V	V
	3		V	V	V
	4		V	V	V
	5		V	V	V
	6		V	V	V
	7		V	V	V
	8		V	--	V

1.1.3 Worst case of MRU (static preamble puncturing) evaluation procedure

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

1.1.4 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Radio	Remark
1	1	WNC	95XPAM15.G71	Dipole	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
2	2	WNC	95XPAM15.G72	Dipole	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
3	3	WNC	95XPAM15.G73	Dipole	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
4	4	WNC	95XPAM15.G74	Dipole	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
5	1	WNC	95XPAM15.G67	Dipole	I-Pex	5G Low & 6G High	Radio 1	-
6	2	WNC	95XPAM15.G68	Dipole	I-Pex	5G Low & 6G High	Radio 1	-
7	3	WNC	95XPAM15.G69	Dipole	I-Pex	5G Low & 6G High	Radio 1	-
8	4	WNC	95XPAM15.G70	Dipole	I-Pex	5G Low & 6G High	Radio 1	-
9	1	WNC	95XPAM15.G63	Dipole	I-Pex	6G Full & 6G Low	Radio 3	-
10	2	WNC	95XPAM15.G64	Dipole	I-Pex	6G Full & 6G Low	Radio 3	-
11	3	WNC	95XPAM15.G65	Dipole	I-Pex	6G Full & 6G Low	Radio 3	-
12	4	WNC	95XPAM15.G66	Dipole	I-Pex	6G Full & 6G Low	Radio 3	-
13	1	WNC	95XPAM15.G56	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	-
14	2	WNC	95XPAM15.G57	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	-
15	1	WNC	95XPAM15.G53	PIFA	I-Pex	BT+802.15.4	Radio 5	-
16	2	WNC	95XPAM15.G54	PIFA	I-Pex	BT+802.15.4	Radio 5	-
17	3	WNC	95XPAM15.GAM	Alford loop	I-Pex	BT+802.15.4	Radio 5	-
18	1	WNC	95XPAM15.G81	PIFA	I-Pex	UWB	Radio 6	-
19	2	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	-
20	3	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	-
21	4	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	-



Ant.	Port	Gain (dBi)											
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
1	1	3.48	5.09	5.65	6.38	6.56	-	-	-	-	-	-	-
2	2	3.43	6.93	6.99	6.9	6.61	-	-	-	-	-	-	-
3	3	3.19	5.9	5.8	5.86	6.22	-	-	-	-	-	-	-
4	4	2.41	5.56	5.58	6.18	5.77	-	-	-	-	-	-	-
5	1	-	5.51	5.62	-	-	-	-	5.41	6.49	-	-	-
6	2	-	6.56	6.65	-	-	-	-	4.21	5.33	-	-	-
7	3	-	6.43	6.5	-	-	-	-	5.91	5.95	-	-	-
8	4	-	6	6.12	-	-	-	-	5.63	6.41	-	-	-
9	1	-	-	-	-	-	6.7	5.64	6.35	6.58	-	-	-
10	2	-	-	-	-	-	6.99	5.53	6.26	6.38	-	-	-
11	3	-	-	-	-	-	6.41	7.24	6.45	7.03	-	-	-
12	4	-	-	-	-	-	6.38	5.25	6	6.43	-	-	-
13	1	2.07	4.08	3.46	4.66	2.69	2.95	3.49	4.74	4.29	-	-	-
14	2	3.3	3.15	2.77	3.76	4.06	5.79	4.03	4.21	4.36	-	-	-
15	1	-	-	-	-	-	-	-	-	-	4.8	4.8	-
16	2	-	-	-	-	-	-	-	-	-	4.2	4.2	-
17	3	-	-	-	-	-	-	-	-	-	2.8	2.8	-
18	1	-	-	-	-	-	-	-	-	-	-	-	5.6
19	2	-	-	-	-	-	-	-	-	-	-	-	5
20	3	-	-	-	-	-	-	-	-	-	-	-	4.6
21	4	-	-	-	-	-	-	-	-	-	-	-	3.9

Ant.		Composite Gain (dBi) for 4TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~4	DG [1SS]	5.85	9.55	9.18	8.75	8.69	-	-	-	-
	DG [2SS]	3.48	6.93	6.99	6.9	6.61	-	-	-	-
	DG [4SS]	3.48	6.93	6.99	6.9	6.61	-	-	-	-
5~8	DG [1SS]	-	8.96	8.98	-	-	-	-	8.42	9.14
	DG [2SS]	-	6.56	6.65	-	-	-	-	5.91	6.49
	DG [4SS]	-	6.56	6.65	-	-	-	-	5.91	6.49
9~12	DG [1SS]	-	-	-	-	-	10.89	10.01	9.83	10.12
	DG [2SS]	-	-	-	-	-	7.89	7.24	6.83	7.12
	DG [4SS]	-	-	-	-	-	6.99	7.24	6.45	7.03



Ant.		Composite Gain (dBi) for 2TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~2	DG [1SS]	6.06	8.81	9	9.12	8.93	-	-	-	-
	DG [2SS]	3.48	6.93	6.99	6.9	6.61	-	-	-	-
5~6	DG [1SS]	-	9.03	8.77	-	-	-	-	7.43	8.85
	DG [2SS]	-	6.56	6.65	-	-	-	-	5.41	6.49
9~10	DG [1SS]	-	-	-	-	-	9.61	8.6	8.69	9.18
	DG [2SS]	-	-	-	-	-	6.99	5.64	6.35	6.58
13~14	DG [1SS]	4.58	5.83	5.95	5.83	4.58	5.79	4.82	4.86	4.41
	DG [2SS]	3.3	4.08	3.46	4.66	4.06	5.79	4.03	4.74	4.36

Note 1: The EUT has Twenty-one antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP5O0964C.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/4RX) (Radio 1)

Ant. 1 could transmit/receive.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 1)

Ant. 1~2 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 1)

Ant. 1~4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 13~14 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 1_Low Band)

Ant. 5 could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 1_Low Band)

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 1_Low Band)

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

Ant. 1 could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 2)

Ant. 1~2 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1~4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 13~14 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 1)

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 1)

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 1)

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)

Ant. 9 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 9~10 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)

Ant. 9~12 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 13~14 could transmit/receive simultaneously.

**For BT function:**

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 15 or Ant.16 or Ant 17 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 15 or Ant.16 or Ant 17 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For UWB function(2TX/4RX):

Ant. 18 and Ant 20 could transmit.

Ant. 18~21 could receive.

1.1.5 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐	Outdoor AP	☒ Indoor AP
	☐	Fixed P2P AP	☐ Client
Beamforming Function	☒	With beamforming	☐ Without beamforming
TPC Function	☒	With TPC Function	☐ Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐ Without 5600~5650MHz
Resource Unit	☒	Full RU	☐ Partial RU
	☒	MRU	
Channel Puncturing	☒	Support	☐ Not support
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.6 Mode Test Duty Cycle

Non-Beamforming_Radio 1_Full RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.535	2.72	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_1TX	0.904	0.44	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_1TX	0.901	0.45	305.625u	5k
802.11be EHT80_Nss1,(MCS0)_1TX	0.899	0.46	296.25u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.537	2.7	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_2TX	0.903	0.44	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_2TX	0.9	0.46	305.625u	5k
802.11be EHT80_Nss1,(MCS0)_2TX	0.899	0.46	296.25u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Full RU_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.9	0.46	312.187u	5k
802.11be EHT40_Nss2,(MCS0)_2TX	0.901	0.45	306.562u	5k
802.11be EHT80_Nss2,(MCS0)_2TX	0.899	0.46	299.062u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Full RU_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.537	2.7	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_4TX	0.904	0.44	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_4TX	0.9	0.46	305.625u	5k
802.11be EHT80_Nss1,(MCS0)_4TX	0.899	0.46	296.25u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Full RU_4T4S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss4,(MCS0)_4TX	0.902	0.45	321.562u	5k
802.11be EHT40_Nss4,(MCS0)_4TX	0.902	0.45	313.125u	5k
802.11be EHT80_Nss4,(MCS0)_4TX	0.902	0.45	309.375u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.538	2.69	129.688u	10k
802.11be EHT20_Nss1,(MCS0)_1TX	0.905	0.43	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_1TX	0.902	0.45	306.25u	5k
802.11be EHT80_Nss1,(MCS0)_1TX	0.9	0.46	296.875u	5k
802.11be EHT160_Nss1,(MCS0)_1TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.538	2.69	129.688u	10k
802.11be EHT20_Nss1,(MCS0)_2TX	0.905	0.43	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_2TX	0.902	0.45	306.25u	5k
802.11be EHT80_Nss1,(MCS0)_2TX	0.9	0.46	296.875u	5k
802.11be EHT160_Nss1,(MCS0)_2TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.902	0.45	314.062u	5k
802.11be EHT40_Nss2,(MCS0)_2TX	0.903	0.44	307.813u	5k
802.11be EHT80_Nss2,(MCS0)_2TX	0.901	0.45	300u	5k
802.11be EHT160_Nss2,(MCS0)_2TX	0.9	0.46	295.313u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.538	2.69	129.688u	10k
802.11be EHT20_Nss1,(MCS0)_4TX	0.905	0.43	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_4TX	0.902	0.45	306.25u	5k
802.11be EHT80_Nss1,(MCS0)_4TX	0.9	0.46	296.875u	5k
802.11be EHT160_Nss1,(MCS0)_4TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_4T4S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 4,(M0)_4TX	0.905	0.43	321.875u	5k
802.11be EHT40_Nss 4,(M0)_4TX	0.904	0.44	314.062u	5k
802.11be EHT80_Nss 4,(M0)_4TX	0.904	0.44	310.938u	5k
802.11be EHT160_Nss 4,(M0)_4TX	0.904	0.44	310.938u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Multi-RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	0.902	0.45	301.563u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	0.902	0.45	301.563u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Multi-RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	0.902	0.45	301.563u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	0.902	0.45	301.563u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Multi-RU_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 1_2TX	0.9	0.46	299.062u	5k
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX	0.9	0.46	299.062u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Multi-RU_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	0.9	0.46	300.937u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.902	0.45	301.563u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 1_Multi-RU_4T4S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	0.902	0.45	309.375u	5k
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	0.903	0.44	309.375u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	0.901	0.45	301.563u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	0.902	0.45	301.563u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_1TX	0.902	0.45	301.563u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_1TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_1TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	0.902	0.45	301.563u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	0.902	0.45	303.125u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 2_2TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_2TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_2TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX	0.9	0.46	300u	5k
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX	0.901	0.45	300u	5k
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX	0.9	0.46	295.313u	5k
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX	0.9	0.46	295.313u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX	0.902	0.45	301.563u	5k
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.902	0.45	301.563u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_4TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	0.899	0.46	292.188u	5k
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_4T4S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	0.904	0.44	310.938u	5k
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	0.904	0.44	310.938u	5k
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 6_4TX	0.904	0.44	310.938u	5k
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 7_4TX	0.904	0.44	310.938u	5k
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 2_4TX	0.904	0.44	310.938u	5k
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 3_4TX	0.904	0.44	310.938u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Scan Radio_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.542	2.66	129.688u	10k
802.11be EHT20_Nss1,(MCS0)_2TX	0.911	0.4	323.437u	5k
802.11be EHT40_Nss1,(MCS0)_2TX	0.908	0.42	306.25u	5k
802.11be EHT80_Nss1,(MCS0)_2TX	0.906	0.43	296.875u	5k
802.11be EHT160_Nss1,(MCS0)_2TX	0.905	0.43	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Scan Radio_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.908	0.42	314.062u	5k
802.11be EHT40_Nss2,(MCS0)_2TX	0.908	0.42	307.813u	5k
802.11be EHT80_Nss2,(MCS0)_2TX	0.907	0.42	300u	5k
802.11be EHT160_Nss2,(MCS0)_2TX	0.905	0.43	295.313u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.904	0.44	323.437u	5k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.9	0.46	305.625u	5k
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.899	0.46	296.25u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.905	0.43	323.437u	5k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.902	0.45	306.25u	5k
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.9	0.46	296.875u	5k
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.899	0.46	292.188u	5k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied 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 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO01-HY	Lego Lin	23.1~23.9°C / 56~ 62%	13/Feb/2026~24/Feb/2026
Radiated_ Co-location	03CH03-HY	Ian Liou	17.9~19.5°C / 52~55%	06/Mar/2026~11/Mar/2026
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	20.2~22.3°C / 54~67%	20/Jan/2026~08/Feb/2026
Radiated_ Radio 1	03CH24-HY	Jack Tang	18.6~19.2°C / 53~61%	16/Jan/2026~29/Jan/2026
Radiated_ Radio 2	03CH26-HY	Andy Wang	19.8~21.5°C / 55~60%	19/Jan/2026~07/Feb/2026
Radiated_ Scan Radio	03CH25-HY	Andy Wang	22.3~23.2°C / 51~55%	05/Nov/2025~13/Nov/2025

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
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMtool_3_4_1_0
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Non-Beamforming_Radio 1_Full RU_1T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	86
5200MHz	88
5240MHz	88
5260MHz	84
5300MHz	87
5320MHz	81
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	84
5200MHz	85
5240MHz	85
5260MHz	81
5300MHz	81
5320MHz	79
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	72
5230MHz	78
5270MHz	81
5310MHz	76
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	72
5290MHz	79

**Non-Beamforming_Radio 1_Full RU_2T1S**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	82
5200MHz	86
5240MHz	88
5260MHz	66
5300MHz	69
5320MHz	71
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	81
5200MHz	81
5240MHz	85
5260MHz	67
5300MHz	70
5320MHz	73
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	65
5230MHz	74
5270MHz	76
5310MHz	73
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	63
5290MHz	74

Non-Beamforming_Radio 1_Full RU_2T2S

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	81
5200MHz	82
5240MHz	86
5260MHz	74
5300MHz	75
5320MHz	75
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	69
5230MHz	74
5270MHz	76



Mode	Power Setting
5310MHz	74
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	65
5290MHz	75

Non-Beamforming_Radio 1_Full RU_4T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	74
5200MHz	79
5240MHz	78
5260MHz	55
5300MHz	57
5320MHz	60
802.11be EHT20_Nss1,(MCS0)_4TX	-
5180MHz	71
5200MHz	72
5240MHz	80
5260MHz	56
5300MHz	58
5320MHz	61
802.11be EHT40_Nss1,(MCS0)_4TX	-
5190MHz	61
5230MHz	71
5270MHz	64
5310MHz	69
802.11be EHT80_Nss1,(MCS0)_4TX	-
5210MHz	55
5290MHz	63

Non-Beamforming_Radio 1_Full RU_4T4S

Mode	Power Setting
802.11be EHT20_Nss4,(MCS0)_4TX	-
5180MHz	76
5200MHz	76
5240MHz	85
5260MHz	62



Mode	Power Setting
5300MHz	64
5320MHz	67
802.11be EHT40_Nss4,(MCS0)_4TX	-
5190MHz	66
5230MHz	73
5270MHz	64
5310MHz	68
802.11be EHT80_Nss4,(MCS0)_4TX	-
5210MHz	60
5290MHz	69

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	83
5200MHz	81
5240MHz	81
5260MHz	80
5300MHz	79
5320MHz	79
5500MHz	82
5580MHz	87
5700MHz	64
5720MHz Straddle 5.47-5.725GHz	87
5720MHz Straddle 5.725-5.85GHz	87
5745MHz	88
5785MHz	83
5825MHz	85
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	83
5200MHz	76
5240MHz	81
5260MHz	80
5300MHz	75
5320MHz	79
5500MHz	81



Mode	Power Setting
5580MHz	83
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	82
5720MHz Straddle 5.725-5.85GHz	82
5745MHz	88
5785MHz	84
5825MHz	84
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	80
5230MHz	74
5270MHz	73
5310MHz	76
5510MHz	81
5550MHz	77
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	83
5710MHz Straddle 5.725-5.85GHz	83
5755MHz	86
5795MHz	79
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	79
5290MHz	75
5530MHz	82
5610MHz	76
5690MHz Straddle 5.47-5.725GHz	85
5690MHz Straddle 5.725-5.85GHz	85
5775MHz	84
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	63
5250MHz Straddle 5.25-5.35GHz	63
5570MHz	65

**Non-Beamforming_Radio 2_Full RU_2T1S**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	78
5200MHz	75
5240MHz	80
5260MHz	69
5300MHz	69
5320MHz	72
5500MHz	71
5580MHz	70
5700MHz	56
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
5745MHz	88
5785MHz	77
5825MHz	78
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	76
5200MHz	72
5240MHz	78
5260MHz	71
5300MHz	72
5320MHz	74
5500MHz	73
5580MHz	72
5700MHz	51
5720MHz Straddle 5.47-5.725GHz	74
5720MHz Straddle 5.725-5.85GHz	74
5745MHz	87
5785MHz	77
5825MHz	79
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	67
5230MHz	72
5270MHz	68
5310MHz	74



Mode	Power Setting
5510MHz	76
5550MHz	69
5670MHz	60
5710MHz Straddle 5.47-5.725GHz	81
5710MHz Straddle 5.725-5.85GHz	81
5755MHz	79
5795MHz	74
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	66
5290MHz	68
5530MHz	69
5610MHz	65
5690MHz Straddle 5.47-5.725GHz	76
5690MHz Straddle 5.725-5.85GHz	76
5775MHz	78
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	58
5250MHz Straddle 5.25-5.35GHz	58
5570MHz	59

Non-Beamforming_Radio 2_Full RU_2T2S

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	79
5200MHz	71
5240MHz	78
5260MHz	77
5300MHz	75
5320MHz	78
5500MHz	77
5580MHz	79
5700MHz	55
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	88
5785MHz	78



Mode	Power Setting
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	69
5230MHz	71
5270MHz	67
5310MHz	75
5510MHz	77
5550MHz	68
5670MHz	58
5710MHz Straddle 5.47-5.725GHz	82
5710MHz Straddle 5.725-5.85GHz	82
5755MHz	80
5795MHz	74
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	68
5290MHz	71
5530MHz	70
5610MHz	67
5690MHz Straddle 5.47-5.725GHz	79
5690MHz Straddle 5.725-5.85GHz	79
5775MHz	79
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	61
5250MHz Straddle 5.25-5.35GHz	61
5570MHz	66

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	66
5200MHz	66
5240MHz	70
5260MHz	54
5300MHz	55
5320MHz	57
5500MHz	58



Mode	Power Setting
5580MHz	58
5700MHz	57
5720MHz Straddle 5.47-5.725GHz	58
5720MHz Straddle 5.725-5.85GHz	58
5745MHz	83
5785MHz	73
5825MHz	76
802.11be EHT20_Nss1,(MCS0)_4TX	-
5180MHz	68
5200MHz	63
5240MHz	71
5260MHz	56
5300MHz	57
5320MHz	60
5500MHz	61
5580MHz	60
5700MHz	46
5720MHz Straddle 5.47-5.725GHz	60
5720MHz Straddle 5.725-5.85GHz	60
5745MHz	81
5785MHz	71
5825MHz	73
802.11be EHT40_Nss1,(MCS0)_4TX	-
5190MHz	57
5230MHz	66
5270MHz	63
5310MHz	64
5510MHz	65
5550MHz	64
5670MHz	54
5710MHz Straddle 5.47-5.725GHz	66
5710MHz Straddle 5.725-5.85GHz	66
5755MHz	75
5795MHz	69
802.11be EHT80_Nss1,(MCS0)_4TX	-
5210MHz	54



Mode	Power Setting
5290MHz	60
5530MHz	56
5610MHz	59
5690MHz Straddle 5.47-5.725GHz	62
5690MHz Straddle 5.725-5.85GHz	62
5775MHz	72
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	51
5250MHz Straddle 5.25-5.35GHz	51
5570MHz	55

Non-Beamforming_Radio 2_Full RU_4T4S

Mode	Power Setting
802.11be EHT20_Nss4,(MCS0)_4TX	-
5180MHz	73
5200MHz	67
5240MHz	70
5260MHz	61
5300MHz	62
5320MHz	65
5500MHz	64
5580MHz	64
5700MHz	52
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
5745MHz	83
5785MHz	75
5825MHz	78
802.11be EHT40_Nss4,(MCS0)_4TX	-
5190MHz	63
5230MHz	65
5270MHz	62
5310MHz	65
5510MHz	65
5550MHz	64
5670MHz	49



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	67
5710MHz Straddle 5.725-5.85GHz	67
5755MHz	77
5795MHz	71
802.11be EHT80_Nss4,(MCS0)_4TX	-
5210MHz	60
5290MHz	65
5530MHz	62
5610MHz	47
5690MHz Straddle 5.47-5.725GHz	63
5690MHz Straddle 5.725-5.85GHz	63
5775MHz	69
802.11be EHT160_Nss4,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	48
5250MHz Straddle 5.25-5.35GHz	48
5570MHz	50

Non-Beamforming_Radio 1_Multi-RU_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	-
5210MHz	61
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	-
5290MHz	57

Non-Beamforming_Radio 1_Multi-RU_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5210MHz	53
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	-
5290MHz	49

**Non-Beamforming_Radio 1_Multi-RU_2T2S**

Mode	Power Setting
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX	-
5210MHz	55
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 1_2TX	-
5290MHz	59

Non-Beamforming_Radio 1_Multi-RU_4T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5210MHz	44
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 1_4TX	-
5290MHz	33

Non-Beamforming_Radio 1_Multi-RU_4T4S

Mode	Power Setting
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	-
5210MHz	47
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	-
5290MHz	41

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	-
5210MHz	61
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	-
5290MHz	54
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_1TX	-
5530MHz	56
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	-
5610MHz	70
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	-
5690MHz Straddle 5.47-5.725GHz	77
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_1TX	-
5690MHz Straddle 5.725-5.85GHz	77
5775MHz	71
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX	-
5250MHz Straddle 5.15-5.25GHz	60
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-



Mode	Power Setting
5250MHz Straddle 5.15-5.25GHz	58
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 3_1TX	-
5250MHz Straddle 5.25-5.35GHz	60
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-
5250MHz Straddle 5.25-5.35GHz	58
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 6_1TX	-
5570MHz	61
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_1TX	-
5570MHz	58

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5210MHz	52
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	-
5290MHz	48
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5530MHz	50
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	-
5610MHz	54
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	-
5690MHz Straddle 5.47-5.725GHz	68
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_2TX	-
5690MHz Straddle 5.725-5.85GHz	68
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5775MHz	61
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	55
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	53
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	55
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	53
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 5_2TX	-
5570MHz	55

**Non-Beamforming_Radio 2_Multi-RU_2T2S**

Mode	Power Setting
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 3_2TX	-
5210MHz	54
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 2_2TX	-
5290MHz	51
5530MHz	55
5610MHz	60
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
5775MHz	63
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX	-
5250MHz Straddle 5.15-5.25GHz	57
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	54
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX	-
5250MHz Straddle 5.25-5.35GHz	57
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	54
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX	-
5570MHz	62
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 2_2TX	-
5570MHz	60

Non-Beamforming_Radio 2_Multi-RU_4T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5210MHz	40
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX	-
5290MHz	40
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5530MHz	45
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX	-
5610MHz	43
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	56
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 2_4TX	-
5690MHz Straddle 5.725-5.85GHz	56



Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5775MHz	48
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_4TX	-
5250MHz Straddle 5.15-5.25GHz	48
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	44
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 8_4TX	-
5250MHz Straddle 5.25-5.35GHz	48
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	44
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX	-
5570MHz	52
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 3_4TX	-
5570MHz	50

Non-Beamforming_Radio 2_Multi-RU_4T4S

Mode	Power Setting
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	-
5210MHz	38
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	-
5290MHz	38
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	-
5530MHz	41
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	-
5610MHz	41
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	56
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 2_4TX	-
5690MHz Straddle 5.725-5.85GHz	56
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 3_4TX	-
5775MHz	50
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 6_4TX	-
5250MHz Straddle 5.15-5.25GHz	43
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	44
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 6_4TX	-



Mode	Power Setting
5250MHz Straddle 5.25-5.35GHz	43
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	44
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 7_4TX	-
5570MHz	45
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 3_4TX	-
5570MHz	43

Non-Beamforming_Scan Radio_2T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	84
5200MHz	88
5240MHz	88
5260MHz	82
5300MHz	82
5320MHz	83
5500MHz	84
5580MHz	84
5700MHz	75
5720MHz Straddle 5.47-5.725GHz	82
5720MHz Straddle 5.725-5.85GHz	82
5745MHz	88
5785MHz	88
5825MHz	88
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	84
5200MHz	84
5240MHz	88
5260MHz	83
5300MHz	82
5320MHz	85
5500MHz	85
5580MHz	84
5700MHz	66
5720MHz Straddle 5.47-5.725GHz	82



Mode	Power Setting
5720MHz Straddle 5.725-5.85GHz	82
5745MHz	88
5785MHz	88
5825MHz	88
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	82
5230MHz	85
5270MHz	83
5310MHz	83
5510MHz	83
5550MHz	75
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	83
5710MHz Straddle 5.725-5.85GHz	83
5755MHz	88
5795MHz	88
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	84
5290MHz	82
5530MHz	82
5610MHz	75
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	87
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	70
5250MHz Straddle 5.25-5.35GHz	70
5570MHz	64

Non-Beamforming_Scan Radio_2T2S

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	84
5200MHz	84
5240MHz	88
5260MHz	83



Mode	Power Setting
5300MHz	82
5320MHz	84
5500MHz	86
5580MHz	84
5700MHz	69
5720MHz Straddle 5.47-5.725GHz	83
5720MHz Straddle 5.725-5.85GHz	83
5745MHz	88
5785MHz	88
5825MHz	88
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	82
5230MHz	84
5270MHz	83
5310MHz	84
5510MHz	71
5550MHz	75
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	83
5710MHz Straddle 5.725-5.85GHz	83
5755MHz	88
5795MHz	88
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	83
5290MHz	81
5530MHz	81
5610MHz	74
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	88
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	74
5250MHz Straddle 5.25-5.35GHz	74
5570MHz	70

**Beamforming_Radio 1**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	71
5200MHz	72
5240MHz	78
5260MHz	53
5300MHz	56
5320MHz	59
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	61
5230MHz	71
5270MHz	55
5310MHz	59
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	55
5290MHz	60

Beamforming_Radio 2

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	68
5200MHz	63
5240MHz	71
5260MHz	52
5300MHz	53
5320MHz	56
5500MHz	57
5580MHz	56
5700MHz	46
5720MHz Straddle 5.47-5.725GHz	58
5720MHz Straddle 5.725-5.85GHz	58
5745MHz	81
5785MHz	71
5825MHz	73
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	57
5230MHz	66



Mode	Power Setting
5270MHz	54
5310MHz	56
5510MHz	57
5550MHz	56
5670MHz	54
5710MHz Straddle 5.47-5.725GHz	59
5710MHz Straddle 5.725-5.85GHz	59
5755MHz	75
5795MHz	69
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	54
5290MHz	57
5530MHz	56
5610MHz	55
5690MHz Straddle 5.47-5.725GHz	56
5690MHz Straddle 5.725-5.85GHz	56
5775MHz	72
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	51
5250MHz Straddle 5.25-5.35GHz	51
5570MHz	55

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	PoE mode
2	Adapter mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
2	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V Radio 1_2T1S & 2T2S & 4T4S Scan Radio	V Radio 1_1T1S & 4T1S, Radio 2	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (2.4G)+BT+UWB
2	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (5G)+BT+UWB
3	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (6G)+BT+UWB
4	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (2.4G)+802.15.4+UWB
5	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (5G)+802.15.4+UWB
6	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (6G)+802.15.4+UWB
7	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (2.4G)+BT+UWB
8	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (5G)+BT+UWB
9	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (6G)+BT+UWB
10	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (2.4G)+802.15.4+UWB
11	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (5G)+802.15.4+UWB
12	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (6G)+802.15.4+UWB
13	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (2.4G)+BT+UWB
14	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (5G)+BT+UWB
15	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (6G)+BT+UWB
16	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (2.4G)+802.15.4+UWB
17	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (5G)+802.15.4+UWB
18	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (6G)+802.15.4+UWB
Refer to Sporton Test Report No.: FA5O0964C for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Bracket	Brand Name	Extreme	Model Name	AH-ACC-BKT-TB

Reminder: Regarding to more detail and other information, please refer to user manual.

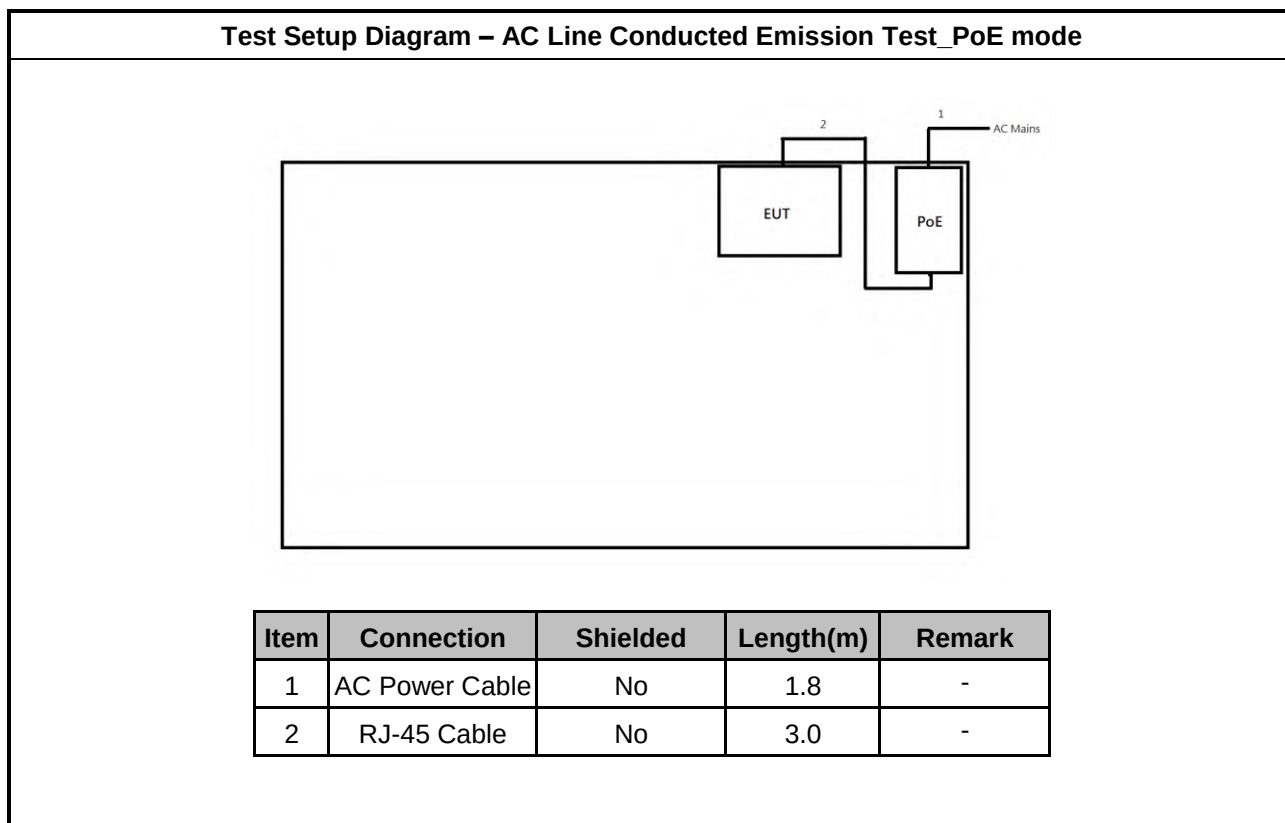
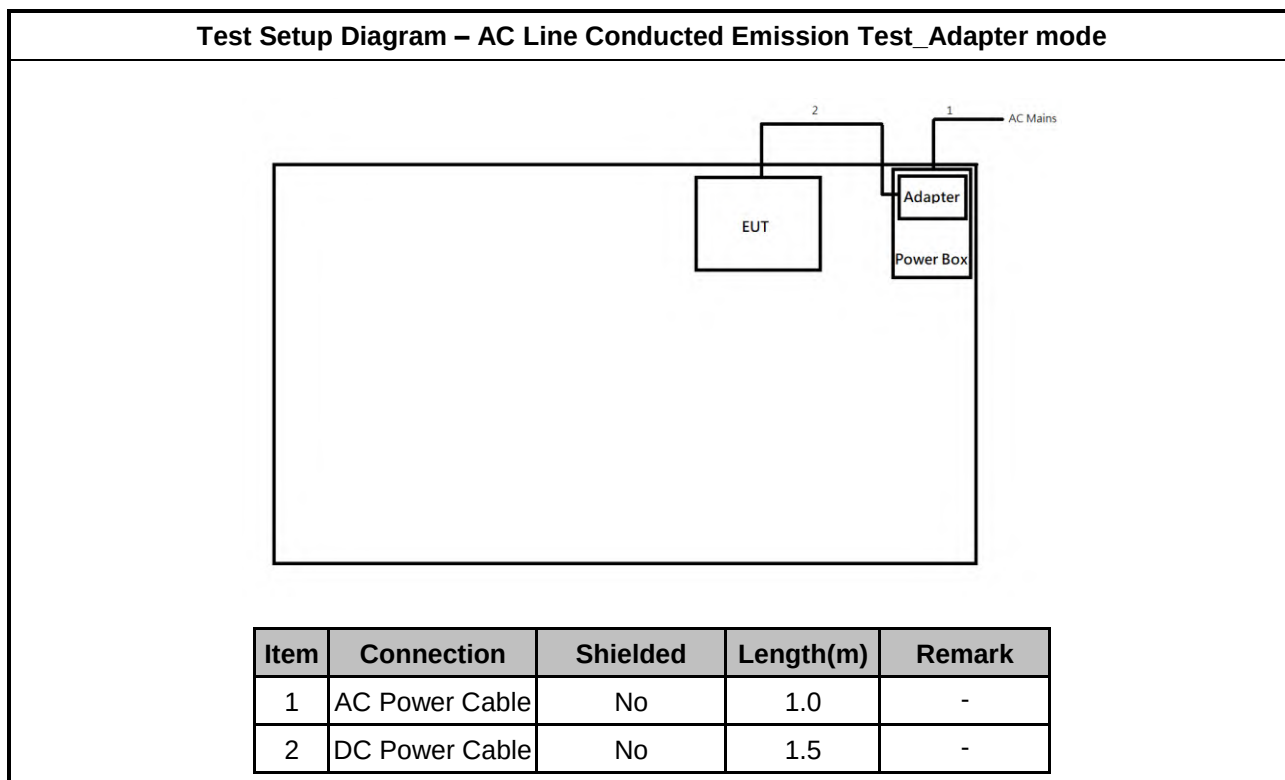
2.4 Support Equipment

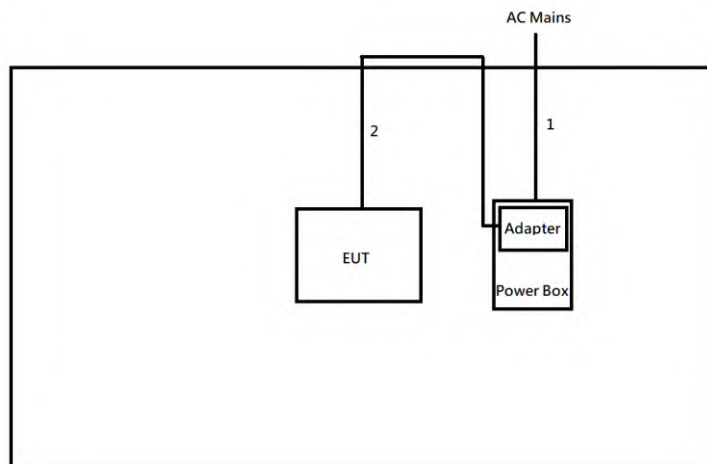
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	Microsemi	PD-9501-10GC/AC	-	Provided by Customer
2	RJ-45 Cable	Power sync	CAT-6E-03	-	-
3	AC power cable	Power sync	PW-GPC180-3	-	-
4	Adapter	Powertron	PA1045-120HIB300	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	Microsemi	PD-9501-10GC/AC	-	-
4	Adapter	Powertron	PA1045-120HIB300	-	-

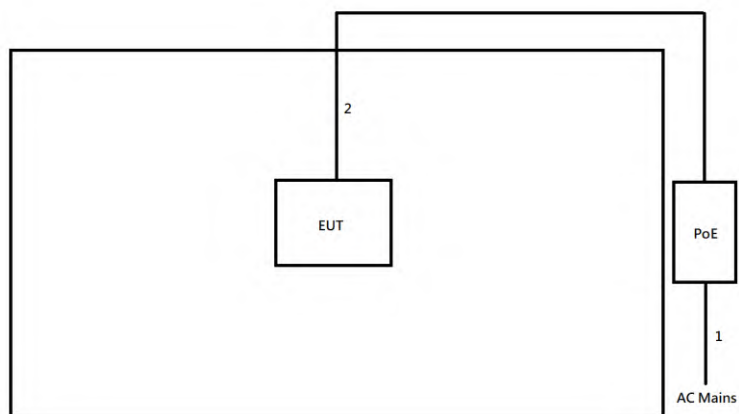
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Adapter	Powertron	PA1045-120HIB300	-	Provided by Customer
3	PoE (Remote)	Microsemi	PD-9501-10GC/AC	-	Provided by Customer
4	AC power cable (Remote)	Power sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test_Adapter mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-

Test Setup Diagram - Radiated Test_PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-

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

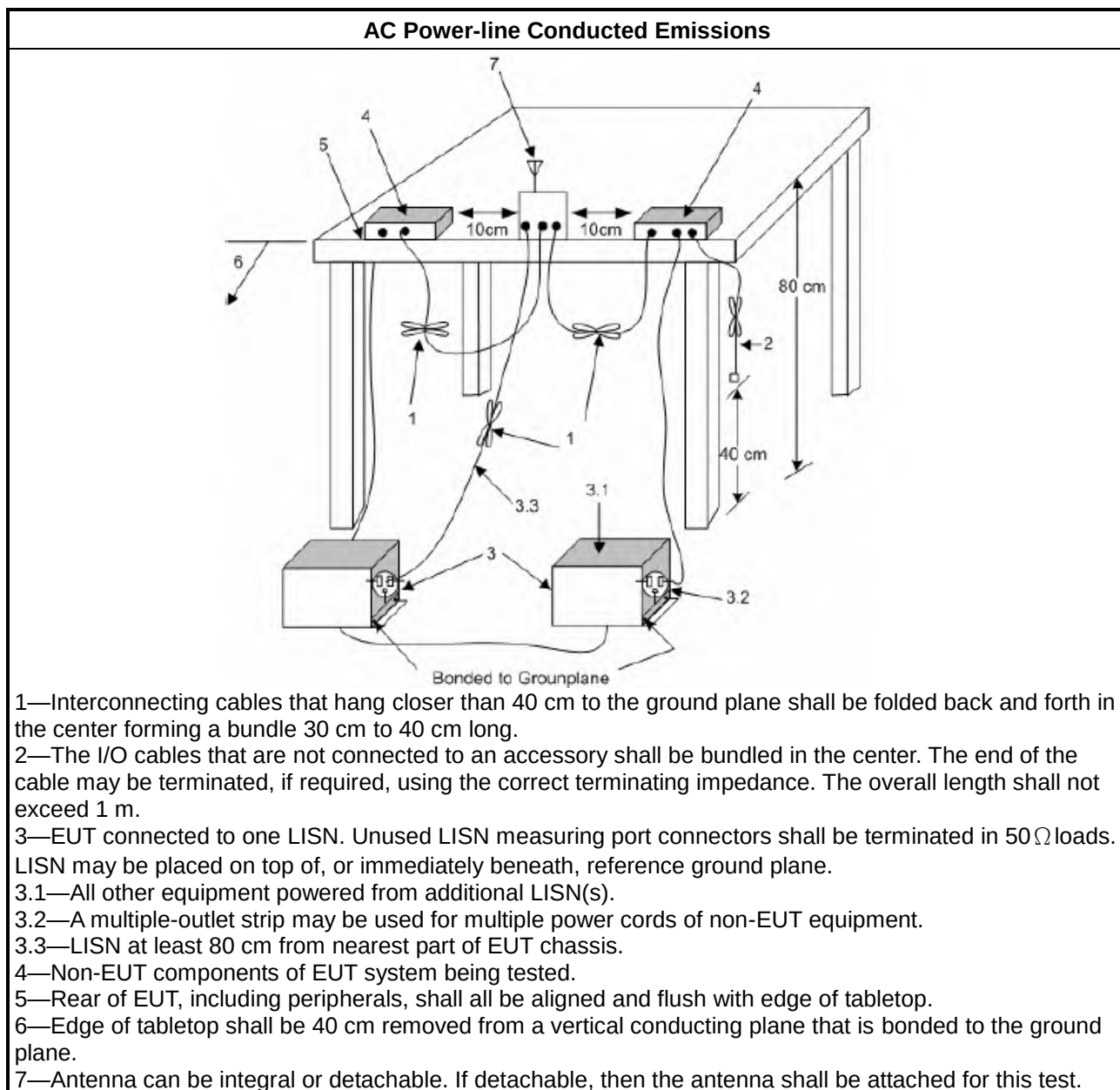
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



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, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

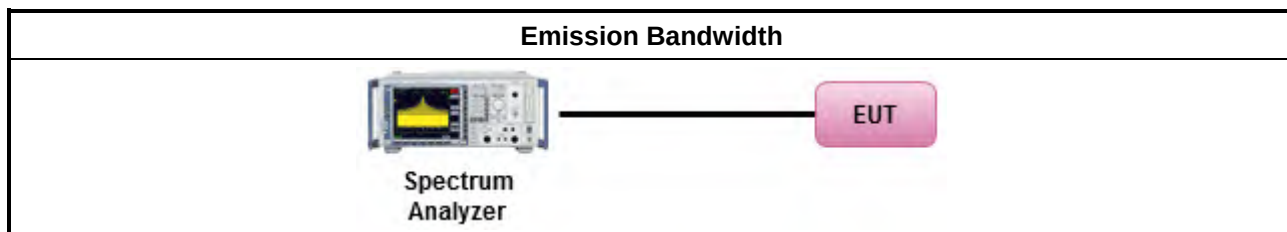
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted 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 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 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 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 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 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 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 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 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

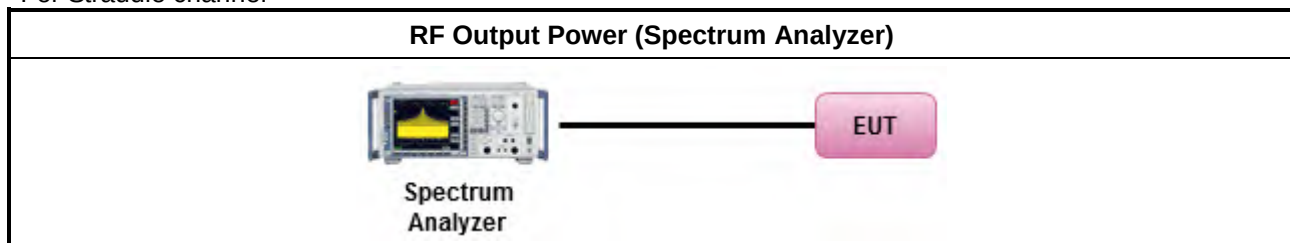
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

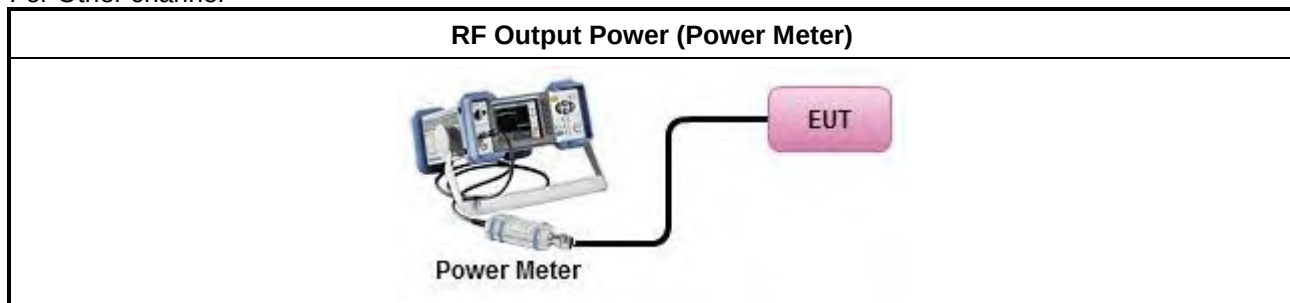
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density 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 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 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 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.
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.	

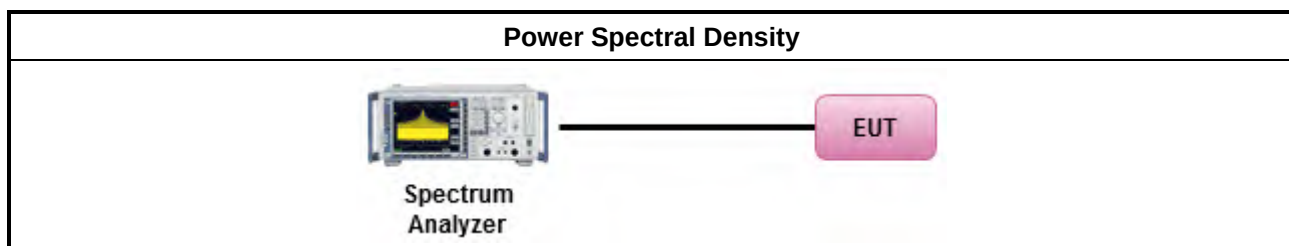
3.4.2 Measuring Instruments

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 KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
Duty cycle ≥ 98%	
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle < 98%	
☒ Refer as KDB 789033, 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:	
Measure and sum the spectra across the outputs. Refer as 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.	
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]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated 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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

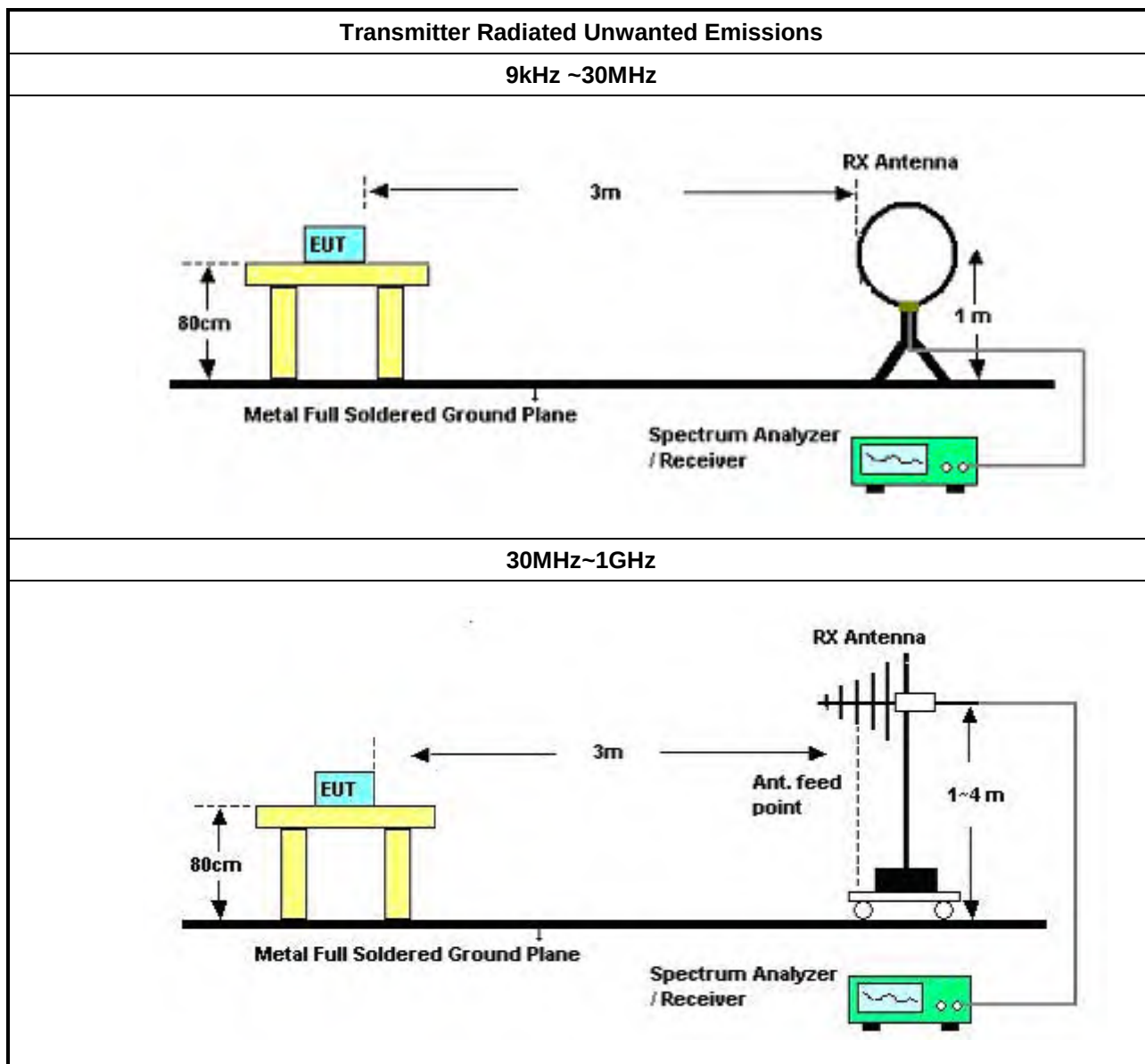
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.5.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), 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.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

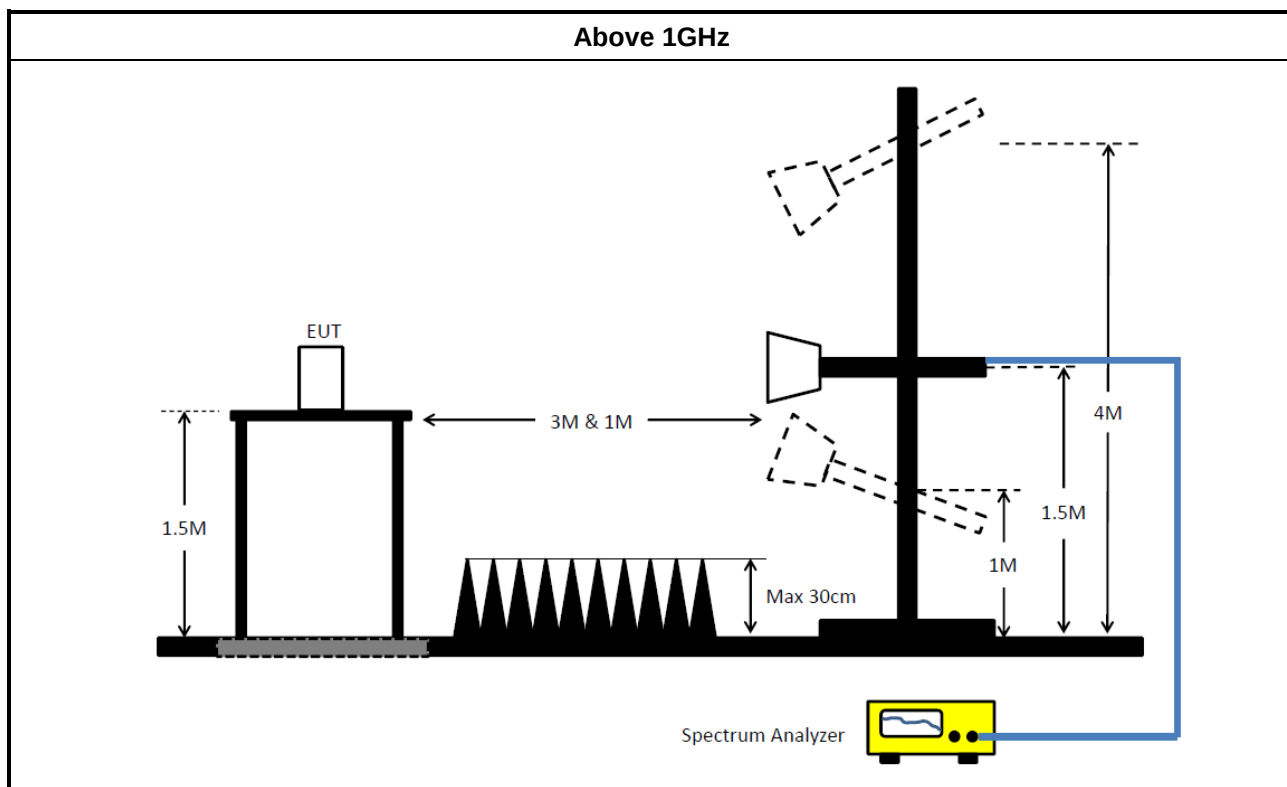
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102052	9kHz ~ 3.6GHz	14/May/2025	13/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
RF Cable 5m	MTJ	RG142	CO01-cable-01	9 kHz~200MHz	07/Jul/2025	06/Jul/2026
Pulse Limiter	ROHDE & SCHWARZ	EHS3-Z2	100920	9kHz ~ 30MHz	17/Oct/2025	16/Oct/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15407_NII	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test_Radio 1 (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	15/Aug/2025	14/Aug/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV40	101013	10Hz~44GHz	22/Apr/2025	21/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.27	NA	NA	NA	NA

**Instrument for Radiated Test_Radio 2 (03CH26-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	06/Aug/2025	05/Aug/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	06/Aug/2025	05/Aug/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	08/Dec/2025	07/Dec/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	30/Sep/2025	29/Sep/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	04/Jun/2025	03/Jun/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	9kHz~1GHz	03/Oct/2025	02/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	03/Oct/2025	02/Oct/2026
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	21/May/2025	20/May/2026
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~18GHz	12/Mar/2025	11/Mar/2026
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.27	NA	NA	NA	NA

Instrument for Radiated Test_Scan Radio(03CH25-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	18/Jul/2025	17/Jul/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	26/Aug/2025	25/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	23/Apr/2025	22/Apr/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	21/Oct/2025	20/Oct/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.27	NA	NA	NA	NA

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	28/Oct/2025	27/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable -03	1GHz~40GHz	19/May/2025	18/May/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15407_NII	Sporton	V5.11.27	NA	NA	NA	NA



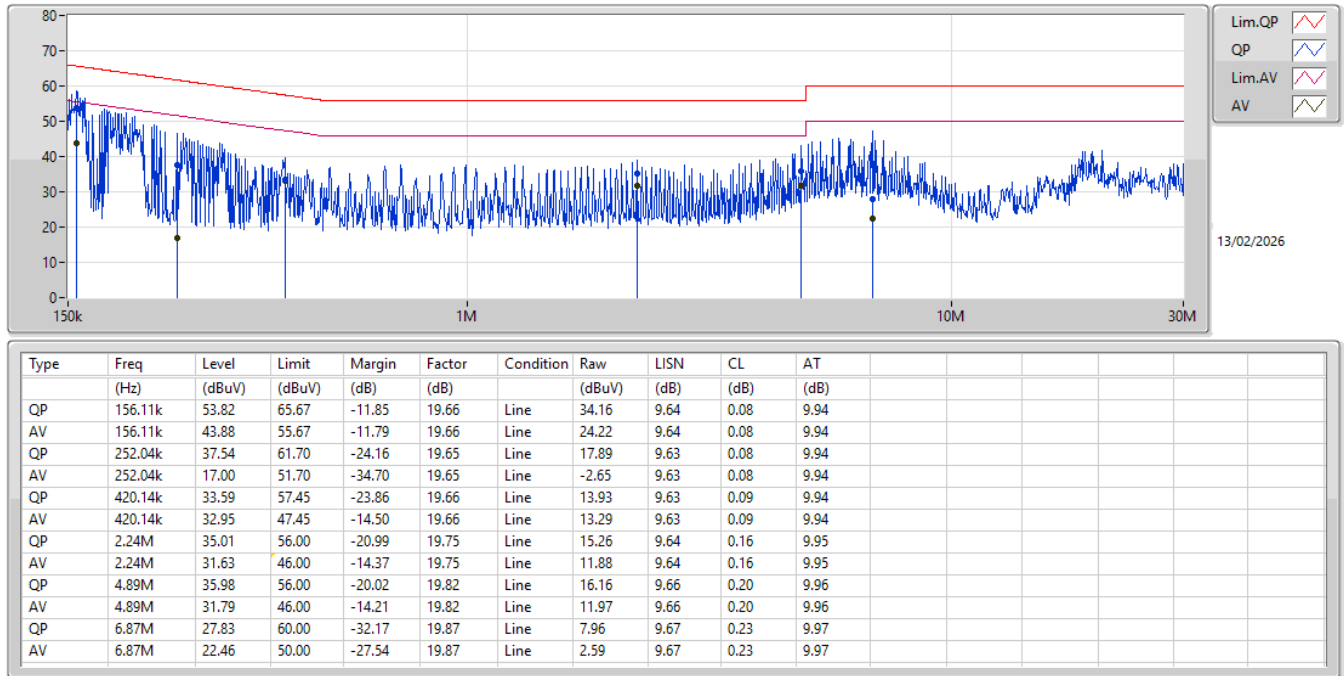
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	6.58M	38.51	50.00	-11.49	Neutral
Mode 2	Pass	QP	151.2k	47.28	65.92	-18.64	Line

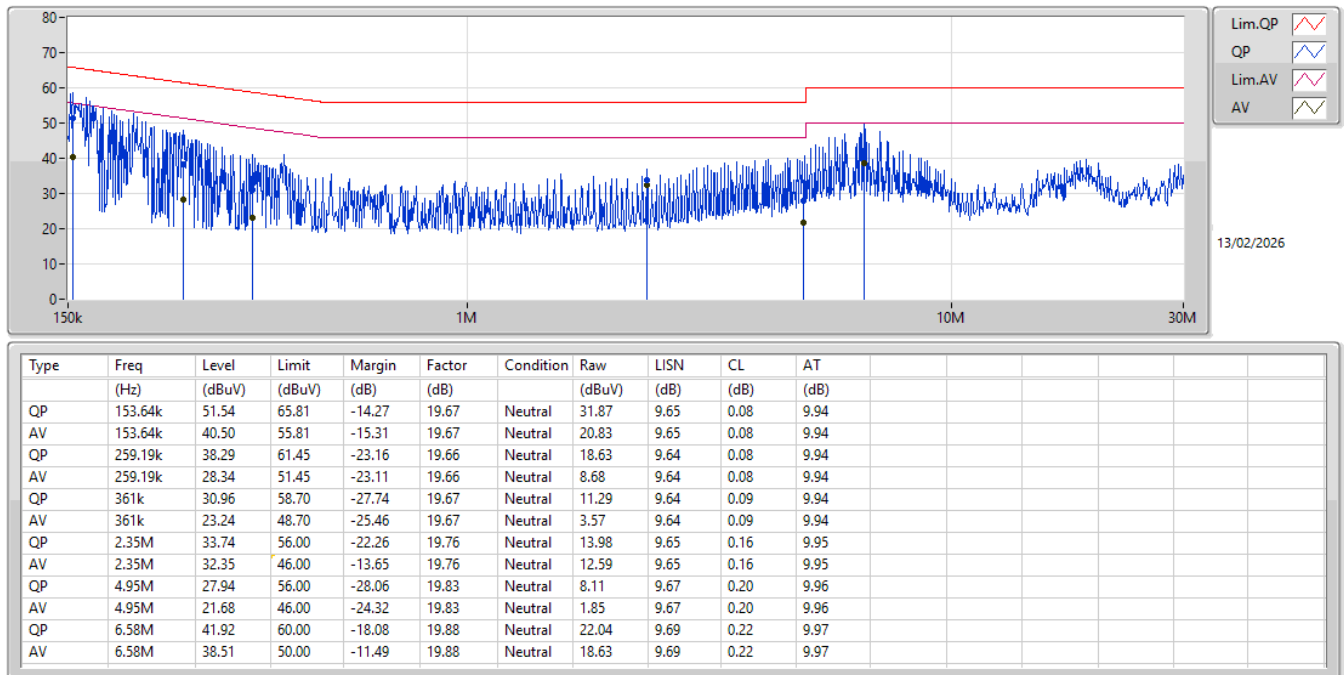
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.11k	53.82	65.67	-11.85	Line
Mode 1	Pass	AV	156.11k	43.88	55.67	-11.79	Line
Mode 1	Pass	QP	252.04k	37.54	61.70	-24.16	Line
Mode 1	Pass	AV	252.04k	17.00	51.70	-34.70	Line
Mode 1	Pass	QP	420.14k	33.59	57.45	-23.86	Line
Mode 1	Pass	AV	420.14k	32.95	47.45	-14.50	Line
Mode 1	Pass	QP	2.24M	35.01	56.00	-20.99	Line
Mode 1	Pass	AV	2.24M	31.63	46.00	-14.37	Line
Mode 1	Pass	QP	4.89M	35.98	56.00	-20.02	Line
Mode 1	Pass	AV	4.89M	31.79	46.00	-14.21	Line
Mode 1	Pass	QP	6.87M	27.83	60.00	-32.17	Line
Mode 1	Pass	AV	6.87M	22.46	50.00	-27.54	Line
Mode 1	Pass	QP	153.64k	51.54	65.81	-14.27	Neutral
Mode 1	Pass	AV	153.64k	40.50	55.81	-15.31	Neutral
Mode 1	Pass	QP	259.19k	38.29	61.45	-23.16	Neutral
Mode 1	Pass	AV	259.19k	28.34	51.45	-23.11	Neutral
Mode 1	Pass	QP	361k	30.96	58.70	-27.74	Neutral
Mode 1	Pass	AV	361k	23.24	48.70	-25.46	Neutral
Mode 1	Pass	QP	2.35M	33.74	56.00	-22.26	Neutral
Mode 1	Pass	AV	2.35M	32.35	46.00	-13.65	Neutral
Mode 1	Pass	QP	4.95M	27.94	56.00	-28.06	Neutral
Mode 1	Pass	AV	4.95M	21.68	46.00	-24.32	Neutral
Mode 1	Pass	QP	6.58M	41.92	60.00	-18.08	Neutral
Mode 1	Pass	AV	6.58M	38.51	50.00	-11.49	Neutral
Mode 2	Pass	QP	151.2k	47.28	65.92	-18.64	Line
Mode 2	Pass	AV	151.2k	27.59	55.92	-28.33	Line
Mode 2	Pass	QP	252.04k	34.99	61.70	-26.71	Line
Mode 2	Pass	AV	252.04k	23.30	51.70	-28.40	Line
Mode 2	Pass	QP	356.7k	26.97	58.81	-31.84	Line
Mode 2	Pass	AV	356.7k	20.07	48.81	-28.74	Line
Mode 2	Pass	QP	882.8k	23.90	56.00	-32.10	Line
Mode 2	Pass	AV	882.8k	19.71	46.00	-26.29	Line
Mode 2	Pass	QP	3.57M	21.28	56.00	-34.72	Line
Mode 2	Pass	AV	3.57M	18.45	46.00	-27.55	Line
Mode 2	Pass	QP	21.95M	24.76	60.00	-35.24	Line
Mode 2	Pass	AV	21.95M	21.27	50.00	-28.73	Line
Mode 2	Pass	QP	150.6k	41.68	65.96	-24.28	Neutral
Mode 2	Pass	AV	150.6k	22.49	55.96	-33.47	Neutral
Mode 2	Pass	QP	252.04k	41.03	61.70	-20.67	Neutral
Mode 2	Pass	AV	252.04k	28.52	51.70	-23.18	Neutral
Mode 2	Pass	QP	416.79k	34.84	57.51	-22.67	Neutral
Mode 2	Pass	AV	416.79k	25.83	47.51	-21.68	Neutral
Mode 2	Pass	QP	1.23M	29.85	56.00	-26.15	Neutral
Mode 2	Pass	AV	1.23M	23.30	46.00	-22.70	Neutral
Mode 2	Pass	QP	4.95M	28.15	56.00	-27.85	Neutral
Mode 2	Pass	AV	4.95M	22.84	46.00	-23.16	Neutral
Mode 2	Pass	QP	5.34M	29.91	60.00	-30.09	Neutral
Mode 2	Pass	AV	5.34M	23.11	50.00	-26.89	Neutral

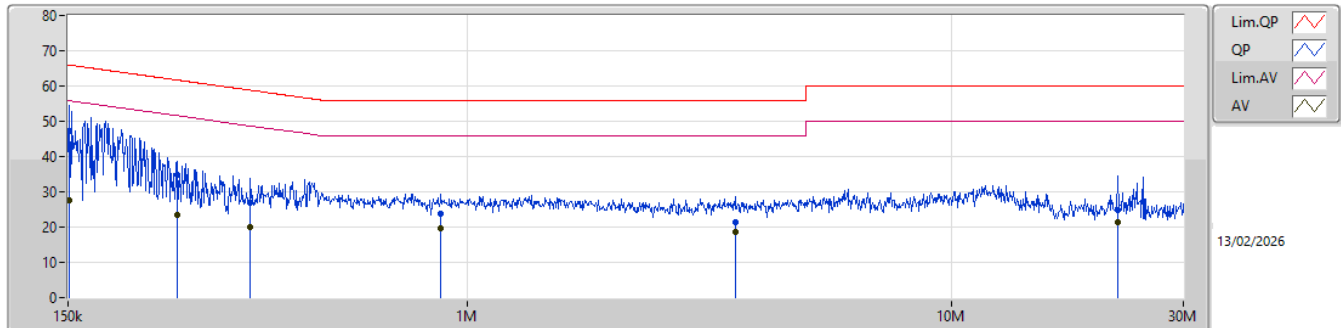
Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1

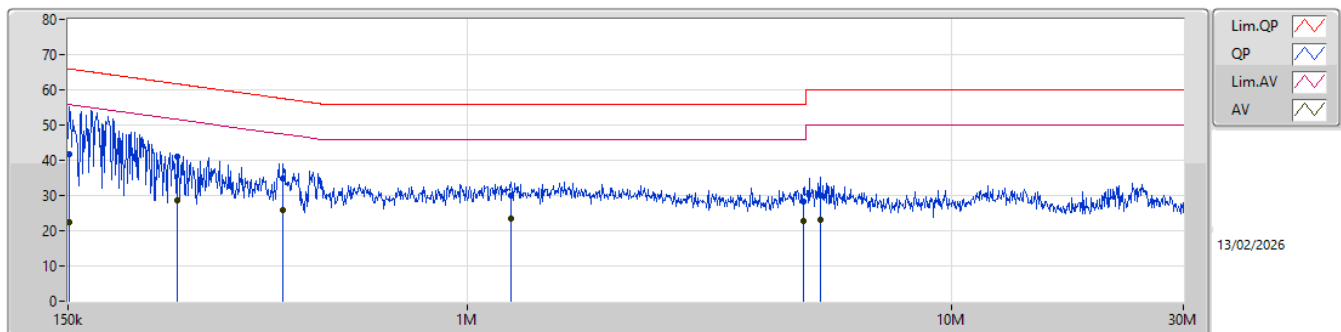


Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	151.2k	47.28	65.92	-18.64	19.66	Line	27.62	9.64	0.08	9.94
AV	151.2k	27.59	55.92	-28.33	19.66	Line	7.93	9.64	0.08	9.94
QP	252.04k	34.99	61.70	-26.71	19.65	Line	15.34	9.63	0.08	9.94
AV	252.04k	23.30	51.70	-28.40	19.65	Line	3.65	9.63	0.08	9.94
QP	356.7k	26.97	58.81	-31.84	19.66	Line	7.31	9.63	0.09	9.94
AV	356.7k	20.07	48.81	-28.74	19.66	Line	0.41	9.63	0.09	9.94
QP	882.8k	23.90	56.00	-32.10	19.68	Line	4.22	9.63	0.11	9.94
AV	882.8k	19.71	46.00	-26.29	19.68	Line	0.03	9.63	0.11	9.94
QP	3.57M	21.28	56.00	-34.72	19.78	Line	1.50	9.65	0.18	9.95
AV	3.57M	18.45	46.00	-27.55	19.78	Line	-1.33	9.65	0.18	9.95
QP	21.95M	24.76	60.00	-35.24	20.04	Line	4.72	9.62	0.38	10.04
AV	21.95M	21.27	50.00	-28.73	20.04	Line	1.23	9.62	0.38	10.04

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150.6k	41.68	65.96	-24.28	19.67	Neutral	22.01	9.65	0.08	9.94
AV	150.6k	22.49	55.96	-33.47	19.67	Neutral	2.82	9.65	0.08	9.94
QP	252.04k	41.03	61.70	-20.67	19.66	Neutral	21.37	9.64	0.08	9.94
AV	252.04k	28.52	51.70	-23.18	19.66	Neutral	8.86	9.64	0.08	9.94
QP	416.79k	34.84	57.51	-22.67	19.67	Neutral	15.17	9.64	0.09	9.94
AV	416.79k	25.83	47.51	-21.68	19.67	Neutral	6.16	9.64	0.09	9.94
QP	1.23M	29.85	56.00	-26.15	19.71	Neutral	10.14	9.65	0.12	9.94
AV	1.23M	23.30	46.00	-22.70	19.71	Neutral	3.59	9.65	0.12	9.94
QP	4.95M	28.15	56.00	-27.85	19.83	Neutral	8.32	9.67	0.20	9.96
AV	4.95M	22.84	46.00	-23.16	19.83	Neutral	3.01	9.67	0.20	9.96
QP	5.34M	29.91	60.00	-30.09	19.85	Neutral	10.06	9.68	0.21	9.96
AV	5.34M	23.11	50.00	-26.89	19.85	Neutral	3.26	9.68	0.21	9.96



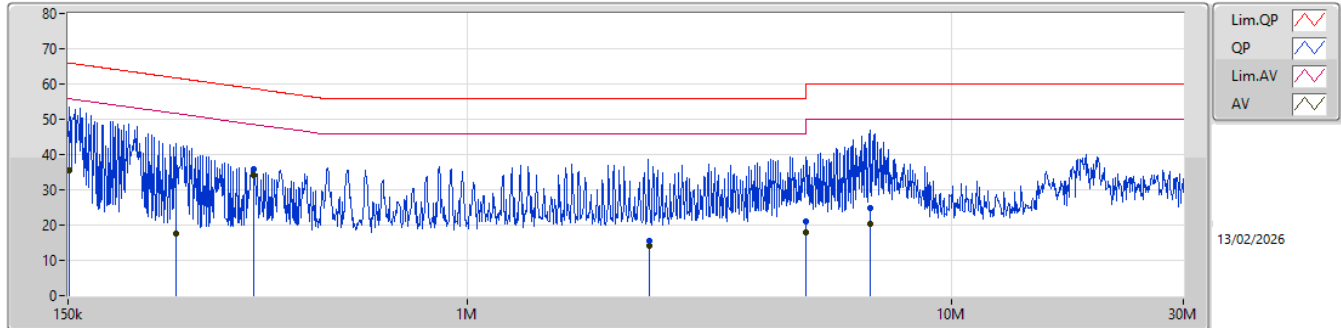
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	362.45k	34.00	48.68	-14.68	Line
Mode 2	Pass	QP	157.99k	55.39	65.56	-10.17	Line

Result

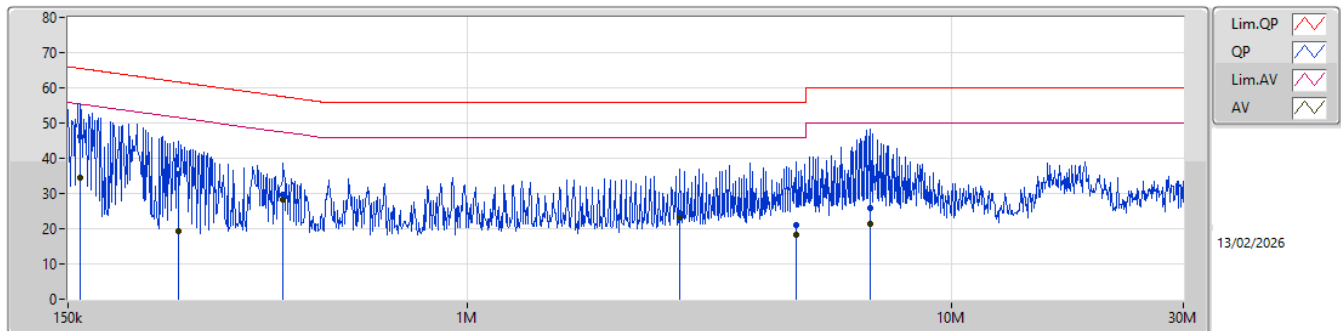
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	45.78	65.96	-20.18	Line
Mode 1	Pass	AV	150.6k	35.46	55.96	-20.50	Line
Mode 1	Pass	QP	250.04k	34.02	61.76	-27.74	Line
Mode 1	Pass	AV	250.04k	17.63	51.76	-34.13	Line
Mode 1	Pass	QP	362.45k	35.89	58.68	-22.79	Line
Mode 1	Pass	AV	362.45k	34.00	48.68	-14.68	Line
Mode 1	Pass	QP	2.37M	15.49	56.00	-40.51	Line
Mode 1	Pass	AV	2.37M	14.19	46.00	-31.81	Line
Mode 1	Pass	QP	4.99M	20.91	56.00	-35.09	Line
Mode 1	Pass	AV	4.99M	18.01	46.00	-27.99	Line
Mode 1	Pass	QP	6.79M	24.68	60.00	-35.32	Line
Mode 1	Pass	AV	6.79M	20.42	50.00	-29.58	Line
Mode 1	Pass	QP	159.26k	46.25	65.50	-19.25	Neutral
Mode 1	Pass	AV	159.26k	34.62	55.50	-20.88	Neutral
Mode 1	Pass	QP	253.05k	35.55	61.66	-26.11	Neutral
Mode 1	Pass	AV	253.05k	19.23	51.66	-32.43	Neutral
Mode 1	Pass	QP	416.79k	29.63	57.51	-27.88	Neutral
Mode 1	Pass	AV	416.79k	28.25	47.51	-19.26	Neutral
Mode 1	Pass	QP	2.74M	24.60	56.00	-31.40	Neutral
Mode 1	Pass	AV	2.74M	23.30	46.00	-22.70	Neutral
Mode 1	Pass	QP	4.76M	21.08	56.00	-34.92	Neutral
Mode 1	Pass	AV	4.76M	18.29	46.00	-27.71	Neutral
Mode 1	Pass	QP	6.79M	25.69	60.00	-34.31	Neutral
Mode 1	Pass	AV	6.79M	21.24	50.00	-28.76	Neutral
Mode 2	Pass	QP	157.99k	55.39	65.56	-10.17	Line
Mode 2	Pass	AV	157.99k	35.58	55.56	-19.98	Line
Mode 2	Pass	QP	250.04k	40.80	61.76	-20.96	Line
Mode 2	Pass	AV	250.04k	27.24	51.76	-24.52	Line
Mode 2	Pass	QP	462.38k	33.84	56.65	-22.81	Line
Mode 2	Pass	AV	462.38k	25.01	46.65	-21.64	Line
Mode 2	Pass	QP	1.02M	27.60	56.00	-28.40	Line
Mode 2	Pass	AV	1.02M	20.99	46.00	-25.01	Line
Mode 2	Pass	QP	4.48M	24.43	56.00	-31.57	Line
Mode 2	Pass	AV	4.48M	20.45	46.00	-25.55	Line
Mode 2	Pass	QP	21.95M	32.98	60.00	-27.02	Line
Mode 2	Pass	AV	21.95M	29.70	50.00	-20.30	Line
Mode 2	Pass	QP	152.41k	51.74	65.87	-14.13	Neutral
Mode 2	Pass	AV	152.41k	30.02	55.87	-25.85	Neutral
Mode 2	Pass	QP	274.08k	38.95	60.99	-22.04	Neutral
Mode 2	Pass	AV	274.08k	24.22	50.99	-26.77	Neutral
Mode 2	Pass	QP	402.09k	33.35	57.82	-24.47	Neutral
Mode 2	Pass	AV	402.09k	21.75	47.82	-26.07	Neutral
Mode 2	Pass	QP	2.08M	29.57	56.00	-26.43	Neutral
Mode 2	Pass	AV	2.08M	24.63	46.00	-21.37	Neutral
Mode 2	Pass	QP	3.26M	26.46	56.00	-29.54	Neutral
Mode 2	Pass	AV	3.26M	22.31	46.00	-23.69	Neutral
Mode 2	Pass	QP	5.52M	29.97	60.00	-30.03	Neutral
Mode 2	Pass	AV	5.52M	22.79	50.00	-27.21	Neutral

Conducted Emissions at Powerline_Mode 1



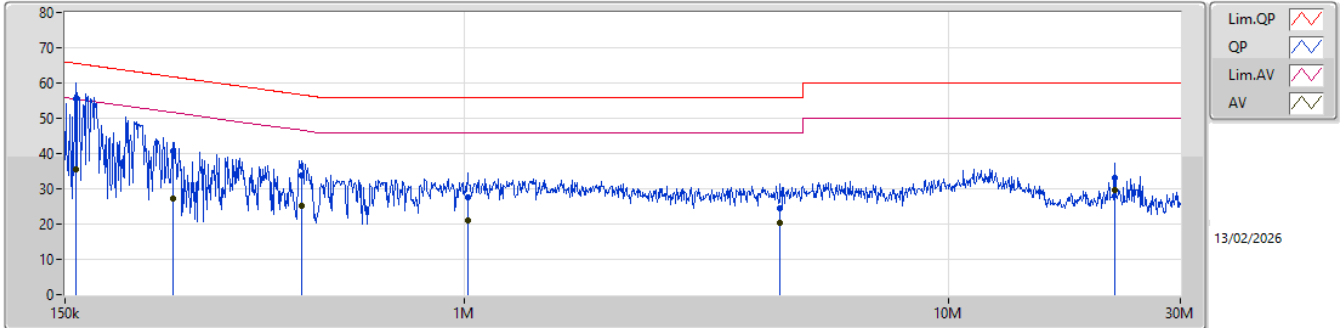
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	150.6k	45.78	65.96	-20.18	19.66	Line	26.12	9.64	0.08	9.94								
AV	150.6k	35.46	55.96	-20.50	19.66	Line	15.80	9.64	0.08	9.94								
QP	250.04k	34.02	61.76	-27.74	19.65	Line	14.37	9.63	0.08	9.94								
AV	250.04k	17.63	51.76	-34.13	19.65	Line	-2.02	9.63	0.08	9.94								
QP	362.45k	35.89	58.68	-22.79	19.66	Line	16.23	9.63	0.09	9.94								
AV	362.45k	34.00	48.68	-14.68	19.66	Line	14.34	9.63	0.09	9.94								
QP	2.37M	15.49	56.00	-40.51	19.75	Line	-4.26	9.64	0.16	9.95								
AV	2.37M	14.19	46.00	-31.81	19.75	Line	-5.56	9.64	0.16	9.95								
QP	4.99M	20.91	56.00	-35.09	19.82	Line	1.09	9.66	0.20	9.96								
AV	4.99M	18.01	46.00	-27.99	19.82	Line	-1.81	9.66	0.20	9.96								
QP	6.79M	24.68	60.00	-35.32	19.86	Line	4.82	9.67	0.22	9.97								
AV	6.79M	20.42	50.00	-29.58	19.86	Line	0.56	9.67	0.22	9.97								

Conducted Emissions at Powerline_Mode 1



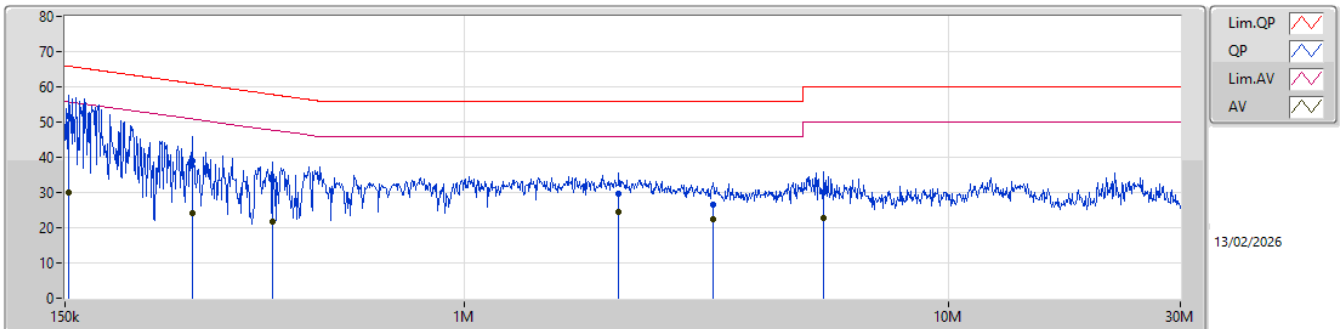
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	159.26k	46.25	65.50	-19.25	19.67	Neutral	26.58	9.65	0.08	9.94								
AV	159.26k	34.62	55.50	-20.88	19.67	Neutral	14.95	9.65	0.08	9.94								
QP	253.05k	35.55	61.66	-26.11	19.66	Neutral	15.89	9.64	0.08	9.94								
AV	253.05k	19.23	51.66	-32.43	19.66	Neutral	-0.43	9.64	0.08	9.94								
QP	416.79k	29.63	57.51	-27.88	19.67	Neutral	9.96	9.64	0.09	9.94								
AV	416.79k	28.25	47.51	-19.26	19.67	Neutral	8.58	9.64	0.09	9.94								
QP	2.74M	24.60	56.00	-31.40	19.77	Neutral	4.83	9.65	0.17	9.95								
AV	2.74M	23.30	46.00	-22.70	19.77	Neutral	3.53	9.65	0.17	9.95								
QP	4.76M	21.08	56.00	-34.92	19.83	Neutral	1.25	9.67	0.20	9.96								
AV	4.76M	18.29	46.00	-27.71	19.83	Neutral	-1.54	9.67	0.20	9.96								
QP	6.79M	25.69	60.00	-34.31	19.88	Neutral	5.81	9.69	0.22	9.97								
AV	6.79M	21.24	50.00	-28.76	19.88	Neutral	1.36	9.69	0.22	9.97								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	157.99k	55.39	65.56	-10.17	19.66	Line	35.73	9.64	0.08	9.94								
AV	157.99k	35.58	55.56	-19.98	19.66	Line	15.92	9.64	0.08	9.94								
QP	250.04k	40.80	61.76	-20.96	19.65	Line	21.15	9.63	0.08	9.94								
AV	250.04k	27.24	51.76	-24.52	19.65	Line	7.59	9.63	0.08	9.94								
QP	462.38k	33.84	56.65	-22.81	19.66	Line	14.18	9.63	0.09	9.94								
AV	462.38k	25.01	46.65	-21.64	19.66	Line	5.35	9.63	0.09	9.94								
QP	1.02M	27.60	56.00	-28.40	19.68	Line	7.92	9.63	0.11	9.94								
AV	1.02M	20.99	46.00	-25.01	19.68	Line	1.31	9.63	0.11	9.94								
QP	4.48M	24.43	56.00	-31.57	19.80	Line	4.63	9.65	0.20	9.95								
AV	4.48M	20.45	46.00	-25.55	19.80	Line	0.65	9.65	0.20	9.95								
QP	21.95M	32.98	60.00	-27.02	20.04	Line	12.94	9.62	0.38	10.04								
AV	21.95M	29.70	50.00	-20.30	20.04	Line	9.66	9.62	0.38	10.04								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	152.41k	51.74	65.87	-14.13	19.67	Neutral	32.07	9.65	0.08	9.94								
AV	152.41k	30.02	55.87	-25.85	19.67	Neutral	10.35	9.65	0.08	9.94								
QP	274.08k	38.95	60.99	-22.04	19.66	Neutral	19.29	9.64	0.08	9.94								
AV	274.08k	24.22	50.99	-26.77	19.66	Neutral	4.56	9.64	0.08	9.94								
QP	402.09k	33.35	57.82	-24.47	19.67	Neutral	13.68	9.64	0.09	9.94								
AV	402.09k	21.75	47.82	-26.07	19.67	Neutral	2.08	9.64	0.09	9.94								
QP	2.08M	29.57	56.00	-26.43	19.75	Neutral	9.82	9.65	0.15	9.95								
AV	2.08M	24.63	46.00	-21.37	19.75	Neutral	4.88	9.65	0.15	9.95								
QP	3.26M	26.46	56.00	-29.54	19.79	Neutral	6.67	9.66	0.18	9.95								
AV	3.26M	22.31	46.00	-23.69	19.79	Neutral	2.52	9.66	0.18	9.95								
QP	5.52M	29.97	60.00	-30.03	19.85	Neutral	10.12	9.68	0.21	9.96								
AV	5.52M	22.79	50.00	-27.21	19.85	Neutral	2.94	9.68	0.21	9.96								



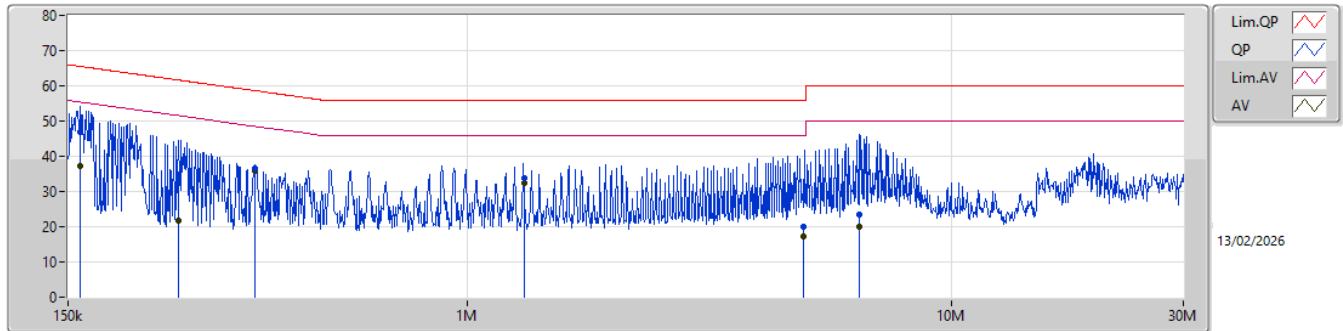
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	6.45M	45.33	50.00	-4.67	Neutral
Mode 2	Pass	QP	159.26k	56.01	65.50	-9.49	Line

Result

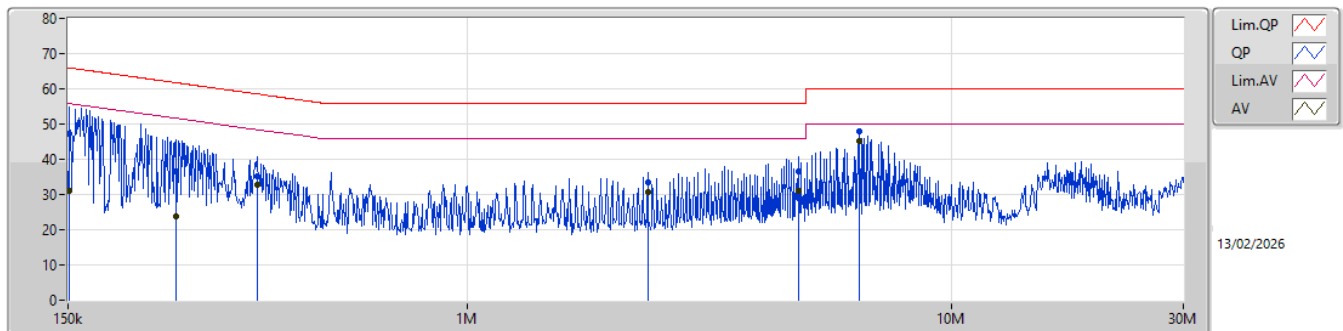
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159.26k	47.05	65.50	-18.45	Line
Mode 1	Pass	AV	159.26k	37.10	55.50	-18.40	Line
Mode 1	Pass	QP	254.06k	34.74	61.62	-26.88	Line
Mode 1	Pass	AV	254.06k	21.78	51.62	-29.84	Line
Mode 1	Pass	QP	365.35k	36.51	58.60	-22.09	Line
Mode 1	Pass	AV	365.35k	35.82	48.60	-12.78	Line
Mode 1	Pass	QP	1.31M	33.65	56.00	-22.35	Line
Mode 1	Pass	AV	1.31M	32.41	46.00	-13.59	Line
Mode 1	Pass	QP	4.95M	20.01	56.00	-35.99	Line
Mode 1	Pass	AV	4.95M	17.27	46.00	-28.73	Line
Mode 1	Pass	QP	6.42M	23.43	60.00	-36.57	Line
Mode 1	Pass	AV	6.42M	19.87	50.00	-30.13	Line
Mode 1	Pass	QP	151.2k	47.23	65.92	-18.69	Neutral
Mode 1	Pass	AV	151.2k	30.90	55.92	-25.02	Neutral
Mode 1	Pass	QP	251.04k	36.53	61.72	-25.19	Neutral
Mode 1	Pass	AV	251.04k	23.64	51.72	-28.08	Neutral
Mode 1	Pass	QP	368.28k	35.16	58.54	-23.38	Neutral
Mode 1	Pass	AV	368.28k	32.79	48.54	-15.75	Neutral
Mode 1	Pass	QP	2.36M	33.48	56.00	-22.52	Neutral
Mode 1	Pass	AV	2.36M	30.65	46.00	-15.35	Neutral
Mode 1	Pass	QP	4.82M	36.38	56.00	-19.62	Neutral
Mode 1	Pass	AV	4.82M	30.92	46.00	-15.08	Neutral
Mode 1	Pass	QP	6.45M	47.81	60.00	-12.19	Neutral
Mode 1	Pass	AV	6.45M	45.33	50.00	-4.67	Neutral
Mode 2	Pass	QP	159.26k	56.01	65.50	-9.49	Line
Mode 2	Pass	AV	159.26k	36.63	55.50	-18.87	Line
Mode 2	Pass	QP	255.08k	41.92	61.58	-19.66	Line
Mode 2	Pass	AV	255.08k	28.89	51.58	-22.69	Line
Mode 2	Pass	QP	380.23k	33.39	58.28	-24.89	Line
Mode 2	Pass	AV	380.23k	24.34	48.28	-23.94	Line
Mode 2	Pass	QP	1.42M	28.13	56.00	-27.87	Line
Mode 2	Pass	AV	1.42M	22.76	46.00	-23.24	Line
Mode 2	Pass	QP	4.22M	24.37	56.00	-31.63	Line
Mode 2	Pass	AV	4.22M	20.75	46.00	-25.25	Line
Mode 2	Pass	QP	10.79M	28.42	60.00	-31.58	Line
Mode 2	Pass	AV	10.79M	23.62	50.00	-26.38	Line
Mode 2	Pass	QP	150.6k	49.35	65.96	-16.61	Neutral
Mode 2	Pass	AV	150.6k	28.08	55.96	-27.88	Neutral
Mode 2	Pass	QP	253.05k	41.74	61.66	-19.92	Neutral
Mode 2	Pass	AV	253.05k	27.67	51.66	-23.99	Neutral
Mode 2	Pass	QP	358.13k	34.18	58.77	-24.59	Neutral
Mode 2	Pass	AV	358.13k	23.13	48.77	-25.64	Neutral
Mode 2	Pass	QP	1.09M	28.59	56.00	-27.41	Neutral
Mode 2	Pass	AV	1.09M	22.54	46.00	-23.46	Neutral
Mode 2	Pass	QP	4.84M	27.26	56.00	-28.74	Neutral
Mode 2	Pass	AV	4.84M	22.10	46.00	-23.90	Neutral
Mode 2	Pass	QP	21.78M	28.46	60.00	-31.54	Neutral
Mode 2	Pass	AV	21.78M	21.67	50.00	-28.33	Neutral

Conducted Emissions at Powerline_Mode 1



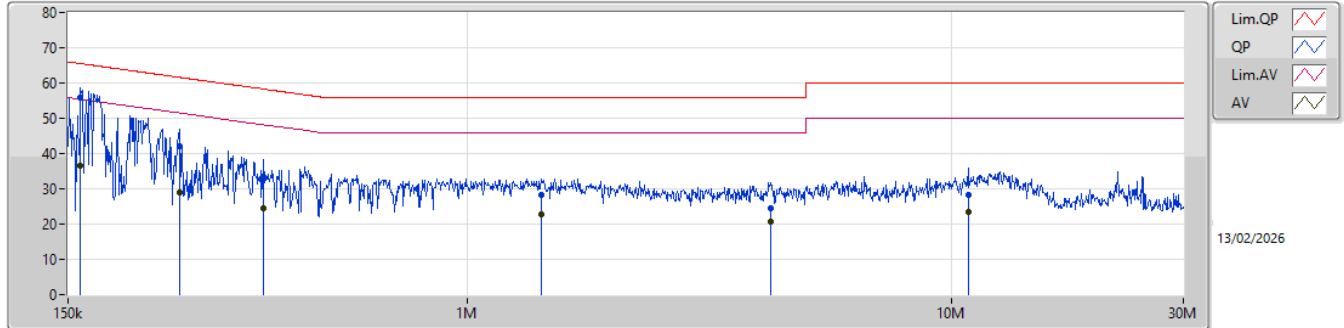
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	159.26k	47.05	65.50	-18.45	19.66	Line	27.39	9.64	0.08	9.94								
AV	159.26k	37.10	55.50	-18.40	19.66	Line	17.44	9.64	0.08	9.94								
QP	254.06k	34.74	61.62	-26.88	19.65	Line	15.09	9.63	0.08	9.94								
AV	254.06k	21.78	51.62	-29.84	19.65	Line	2.13	9.63	0.08	9.94								
QP	365.35k	36.51	58.60	-22.09	19.66	Line	16.85	9.63	0.09	9.94								
AV	365.35k	35.82	48.60	-12.78	19.66	Line	16.16	9.63	0.09	9.94								
QP	1.31M	33.65	56.00	-22.35	19.70	Line	13.95	9.63	0.13	9.94								
AV	1.31M	32.41	46.00	-13.59	19.70	Line	12.71	9.63	0.13	9.94								
QP	4.95M	20.01	56.00	-35.99	19.82	Line	0.19	9.66	0.20	9.96								
AV	4.95M	17.27	46.00	-28.73	19.82	Line	-2.55	9.66	0.20	9.96								
QP	6.42M	23.43	60.00	-36.57	19.86	Line	3.57	9.67	0.22	9.97								
AV	6.42M	19.87	50.00	-30.13	19.86	Line	0.01	9.67	0.22	9.97								

Conducted Emissions at Powerline_Mode 1



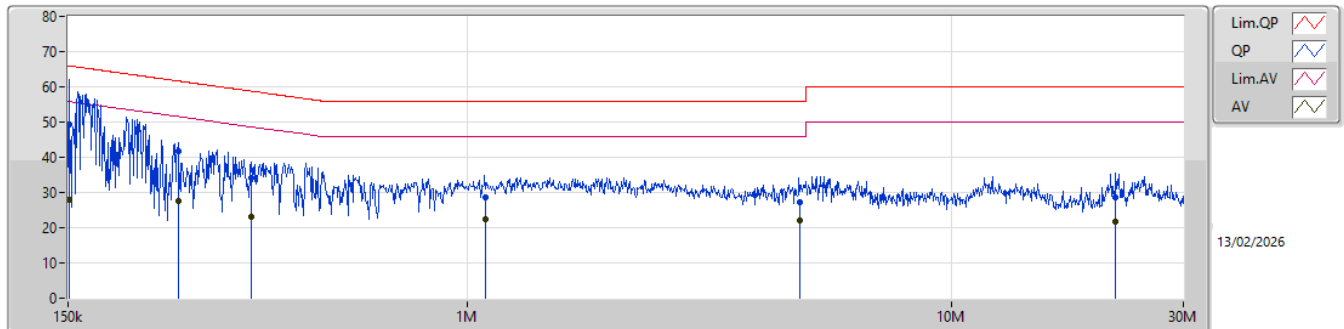
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.2k	47.23	65.92	-18.69	19.67	Neutral	27.56	9.65	0.08	9.94								
AV	151.2k	30.90	55.92	-25.02	19.67	Neutral	11.23	9.65	0.08	9.94								
QP	251.04k	36.53	61.72	-25.19	19.66	Neutral	16.87	9.64	0.08	9.94								
AV	251.04k	23.64	51.72	-28.08	19.66	Neutral	3.98	9.64	0.08	9.94								
QP	368.28k	35.16	58.54	-23.38	19.67	Neutral	15.49	9.64	0.09	9.94								
AV	368.28k	32.79	48.54	-15.75	19.67	Neutral	13.12	9.64	0.09	9.94								
QP	2.36M	33.48	56.00	-22.52	19.76	Neutral	13.72	9.65	0.16	9.95								
AV	2.36M	30.65	46.00	-15.35	19.76	Neutral	10.89	9.65	0.16	9.95								
QP	4.82M	36.38	56.00	-19.62	19.83	Neutral	16.55	9.67	0.20	9.96								
AV	4.82M	30.92	46.00	-15.08	19.83	Neutral	11.09	9.67	0.20	9.96								
QP	6.45M	47.81	60.00	-12.19	19.88	Neutral	27.93	9.69	0.22	9.97								
AV	6.45M	45.33	50.00	-4.67	19.88	Neutral	25.45	9.69	0.22	9.97								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	159.26k	56.01	65.50	-9.49	19.66	Line	36.35	9.64	0.08	9.94
AV	159.26k	36.63	55.50	-18.87	19.66	Line	16.97	9.64	0.08	9.94
QP	255.08k	41.92	61.58	-19.66	19.65	Line	22.27	9.63	0.08	9.94
AV	255.08k	28.89	51.58	-22.69	19.65	Line	9.24	9.63	0.08	9.94
QP	380.23k	33.39	58.28	-24.89	19.66	Line	13.73	9.63	0.09	9.94
AV	380.23k	24.34	48.28	-23.94	19.66	Line	4.68	9.63	0.09	9.94
QP	1.42M	28.13	56.00	-27.87	19.72	Line	8.41	9.64	0.13	9.95
AV	1.42M	22.76	46.00	-23.24	19.72	Line	3.04	9.64	0.13	9.95
QP	4.22M	24.37	56.00	-31.63	19.79	Line	4.58	9.65	0.19	9.95
AV	4.22M	20.75	46.00	-25.25	19.79	Line	0.96	9.65	0.19	9.95
QP	10.79M	28.42	60.00	-31.58	19.94	Line	8.48	9.69	0.26	9.99
AV	10.79M	23.62	50.00	-26.38	19.94	Line	3.68	9.69	0.26	9.99

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150.6k	49.35	65.96	-16.61	19.67	Neutral	29.68	9.65	0.08	9.94
AV	150.6k	28.08	55.96	-27.88	19.67	Neutral	8.41	9.65	0.08	9.94
QP	253.05k	41.74	61.66	-19.92	19.66	Neutral	22.08	9.64	0.08	9.94
AV	253.05k	27.67	51.66	-23.99	19.66	Neutral	8.01	9.64	0.08	9.94
QP	358.13k	34.18	58.77	-24.59	19.67	Neutral	14.51	9.64	0.09	9.94
AV	358.13k	23.13	48.77	-25.64	19.67	Neutral	3.46	9.64	0.09	9.94
QP	1.09M	28.59	56.00	-27.41	19.70	Neutral	8.89	9.65	0.11	9.94
AV	1.09M	22.54	46.00	-23.46	19.70	Neutral	2.84	9.65	0.11	9.94
QP	4.84M	27.26	56.00	-28.74	19.83	Neutral	7.43	9.67	0.20	9.96
AV	4.84M	22.10	46.00	-23.90	19.83	Neutral	2.27	9.67	0.20	9.96
QP	21.78M	28.46	60.00	-31.54	20.17	Neutral	8.29	9.75	0.38	10.04
AV	21.78M	21.67	50.00	-28.33	20.17	Neutral	1.50	9.75	0.38	10.04



EBW_Non-Beamforming_ Radio 1_Full RU_1T1S_AP5022S6D

Appendix B.1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	40.81M	19.9M	19M9D1D	24.64M	17.206M
802.11be EHT20_Nss1,(MCS0)_1TX	40.48M	19.845M	19M8D1D	22.11M	19.185M
802.11be EHT40_Nss1,(MCS0)_1TX	71.28M	38.371M	38M4D1D	53.9M	38.041M
802.11be EHT80_Nss1,(MCS0)_1TX	86.24M	77.181M	77M2D1D	86.24M	77.181M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.335M	19.35M	19M4D1D	28.82M	16.987M
802.11be EHT20_Nss1,(MCS0)_1TX	40.645M	19.79M	19M8D1D	23.87M	19.24M
802.11be EHT40_Nss1,(MCS0)_1TX	76.01M	39.03M	39M0D1D	56.98M	38.261M
802.11be EHT80_Nss1,(MCS0)_1TX	102.08M	77.401M	77M4D1D	102.08M	77.401M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.64M	17.206M
5200MHz	Pass	Inf	34.045M	18.086M
5240MHz	Pass	Inf	40.81M	19.9M
5260MHz	Pass	Inf	37.62M	19.35M
5300MHz	Pass	Inf	38.335M	19.02M
5320MHz	Pass	Inf	28.82M	16.987M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.11M	19.185M
5200MHz	Pass	Inf	34.87M	19.24M
5240MHz	Pass	Inf	40.48M	19.845M
5260MHz	Pass	Inf	40.645M	19.79M
5300MHz	Pass	Inf	33.385M	19.295M
5320MHz	Pass	Inf	23.87M	19.24M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	53.9M	38.041M
5230MHz	Pass	Inf	71.28M	38.371M
5270MHz	Pass	Inf	76.01M	39.03M
5310MHz	Pass	Inf	56.98M	38.261M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	86.24M	77.181M
5290MHz	Pass	Inf	102.08M	77.401M

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

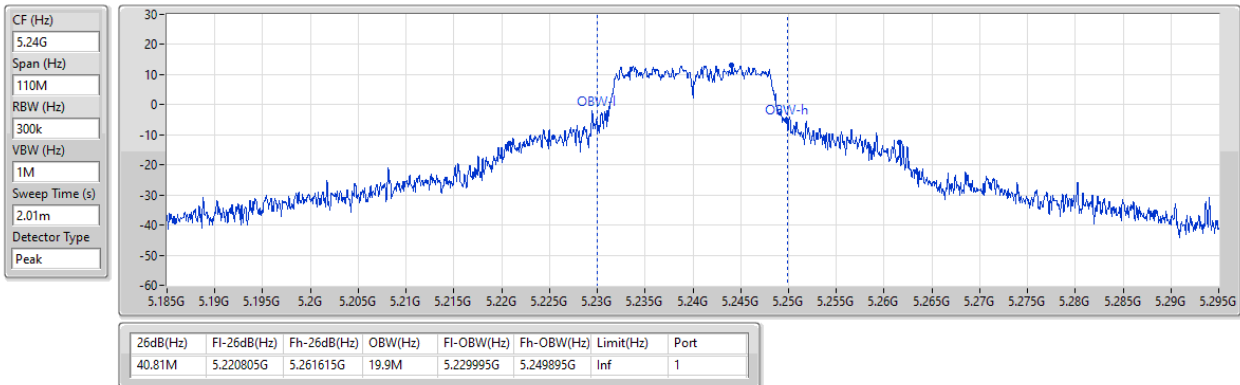


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

20/01/2026

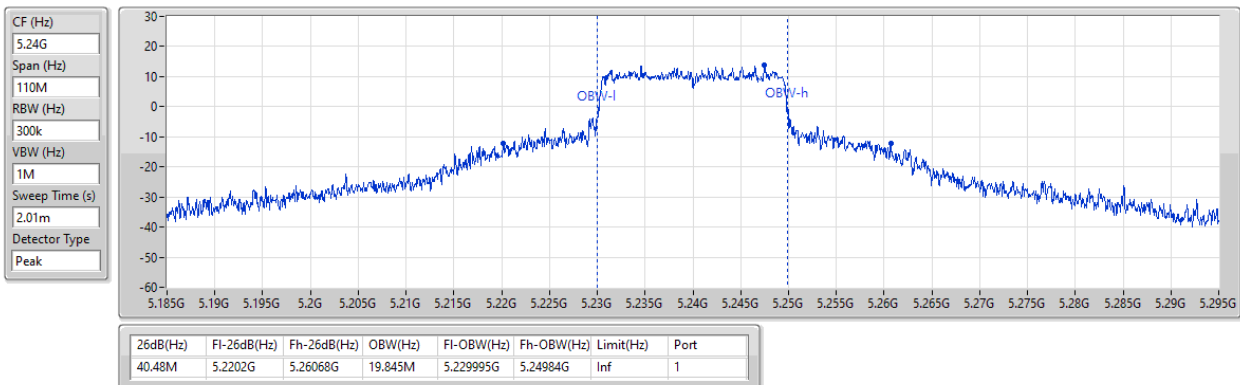


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

20/01/2026



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

20/01/2026

CF (Hz)
5.23G

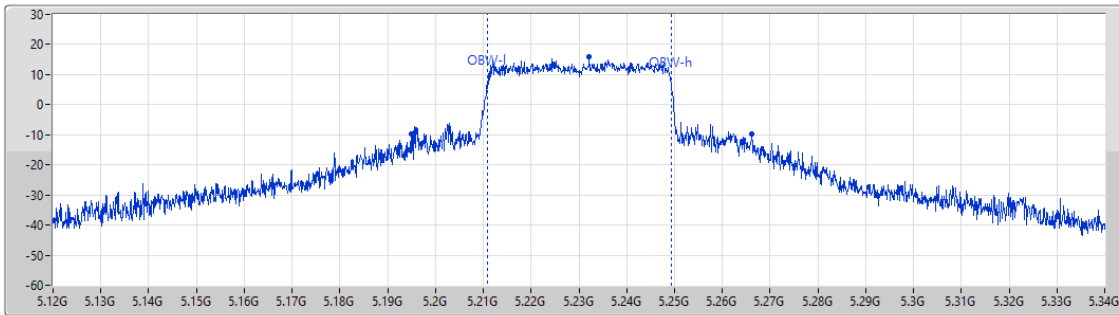
Span (Hz)
220M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
71.28M	5.19491G	5.26619G	38.371M	5.21087G	5.24924G	Inf	1

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/01/2026

CF (Hz)
5.21G

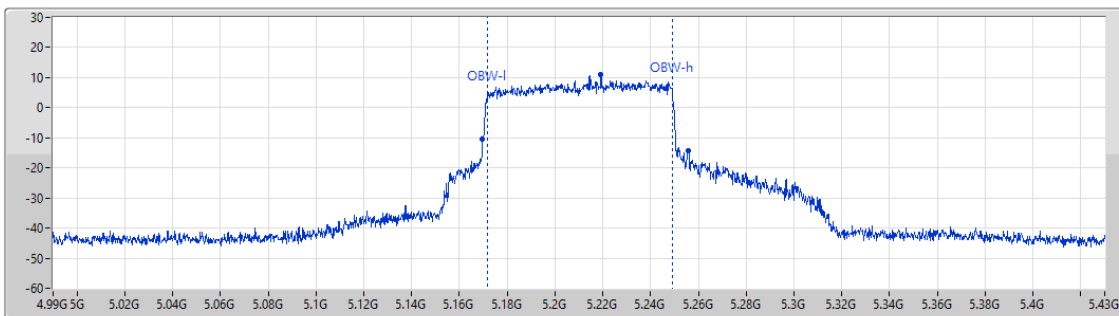
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.24M	5.16974G	5.25598G	77.181M	5.171739G	5.248921G	Inf	1

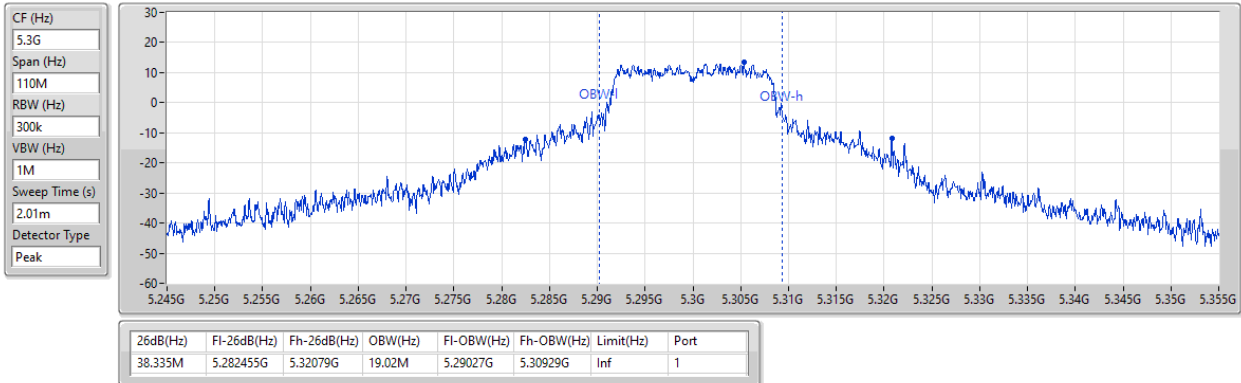


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

20/01/2026

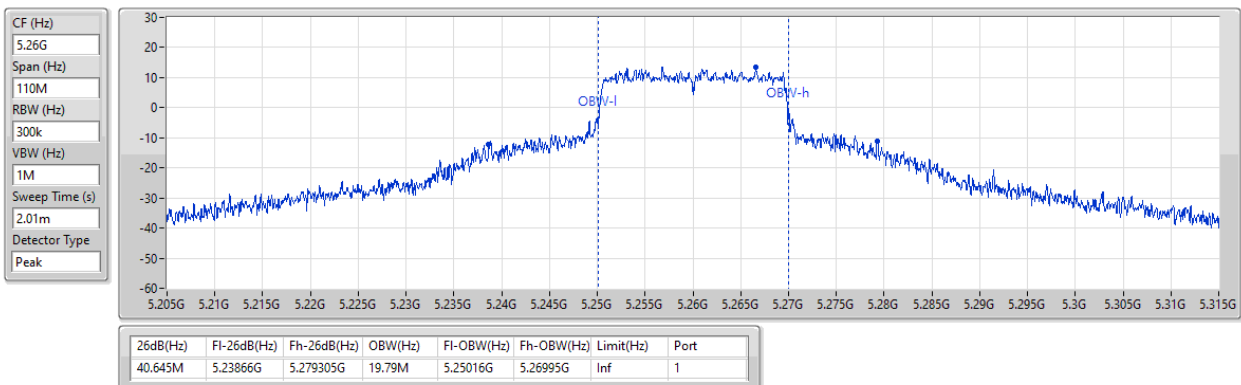


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

20/01/2026

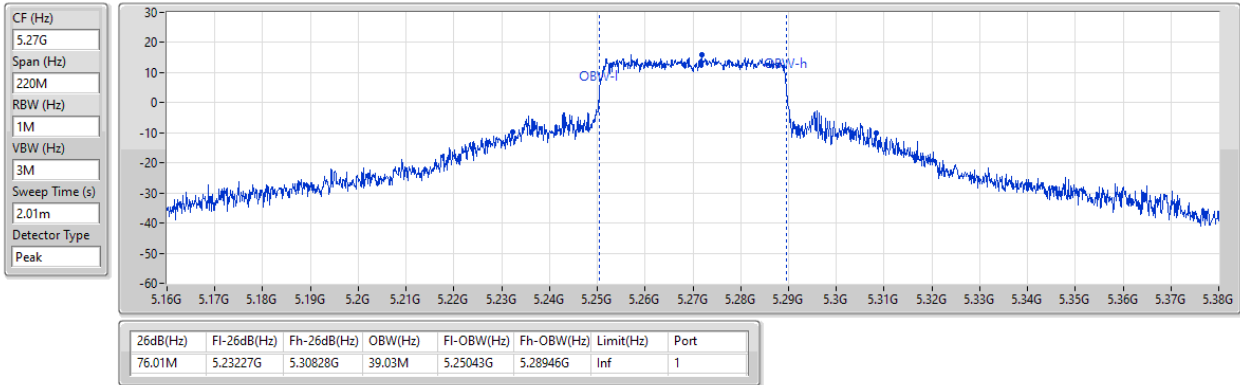


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

20/01/2026

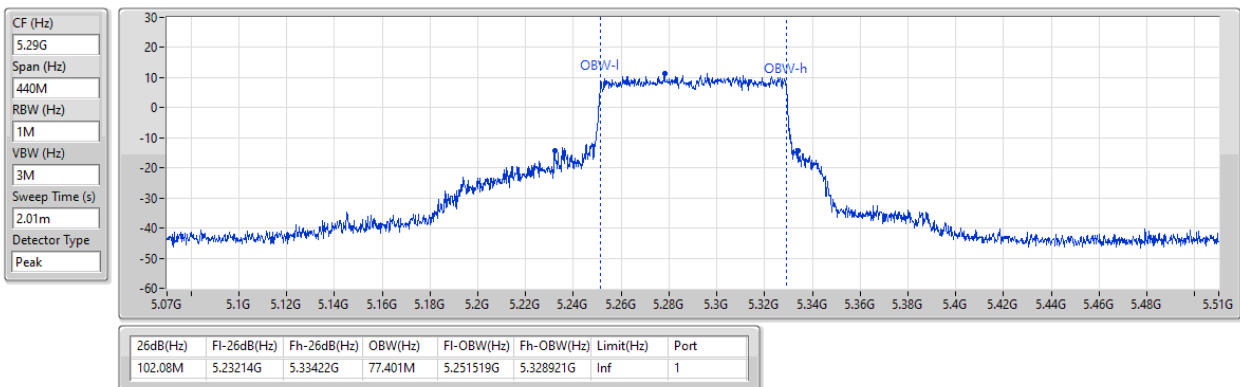


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

20/01/2026





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	36.74M	18.636M	18M6D1D	21.505M	17.041M
802.11be EHT20_Nss1,(MCS0)_2TX	43.945M	19.625M	19M6D1D	23.54M	19.185M
802.11be EHT40_Nss1,(MCS0)_2TX	70.62M	38.151M	38M2D1D	53.79M	38.041M
802.11be EHT80_Nss1,(MCS0)_2TX	90.86M	77.621M	77M6D1D	88.22M	77.181M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22M	17.041M	17M0D1D	20.9M	16.767M
802.11be EHT20_Nss1,(MCS0)_2TX	23.32M	19.185M	19M2D1D	21.23M	19.075M
802.11be EHT40_Nss1,(MCS0)_2TX	72.93M	38.481M	38M5D1D	53.79M	38.261M
802.11be EHT80_Nss1,(MCS0)_2TX	98.34M	77.621M	77M6D1D	87.56M	77.621M

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



EBW_Non-Beamforming_ Radio 1_Full RU_2T1S_AP5022S6D

Appendix B.2

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.55M	17.041M	21.505M	17.151M
5200MHz	Pass	Inf	34.595M	17.371M	32.725M	17.151M
5240MHz	Pass	Inf	36.74M	18.636M	34.485M	17.646M
5260MHz	Pass	Inf	21.23M	16.932M	20.9M	16.822M
5300MHz	Pass	Inf	21.23M	16.877M	21.01M	16.767M
5320MHz	Pass	Inf	22M	17.041M	21.395M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.54M	19.185M	38.5M	19.625M
5200MHz	Pass	Inf	25.575M	19.24M	28.71M	19.24M
5240MHz	Pass	Inf	43.945M	19.625M	39.05M	19.405M
5260MHz	Pass	Inf	21.56M	19.075M	21.23M	19.075M
5300MHz	Pass	Inf	21.89M	19.185M	21.67M	19.075M
5320MHz	Pass	Inf	23.32M	19.13M	21.89M	19.075M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	54.56M	38.041M	53.79M	38.041M
5230MHz	Pass	Inf	70.62M	38.151M	55.77M	38.151M
5270MHz	Pass	Inf	72.93M	38.481M	60.06M	38.261M
5310MHz	Pass	Inf	53.79M	38.261M	56.43M	38.261M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	90.86M	77.621M	88.22M	77.181M
5290MHz	Pass	Inf	87.56M	77.621M	98.34M	77.621M

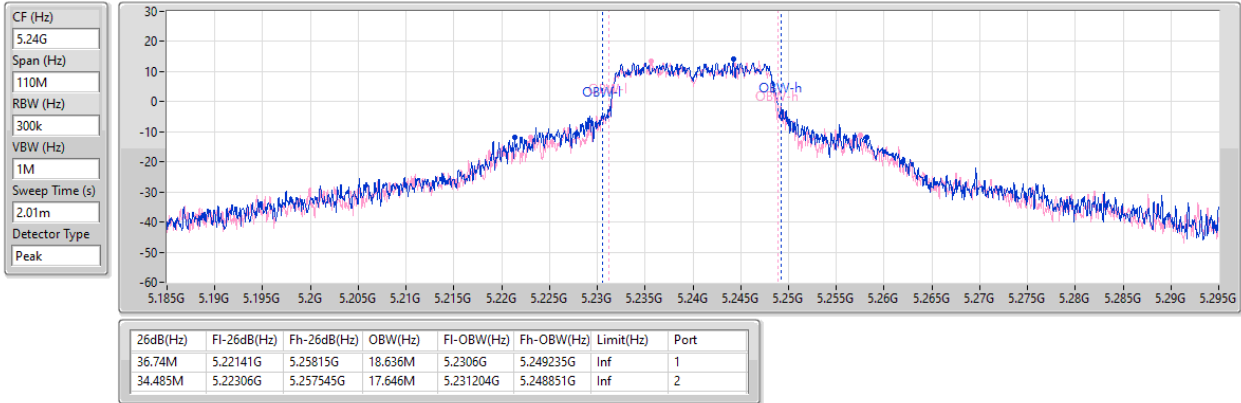
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

20/01/2026

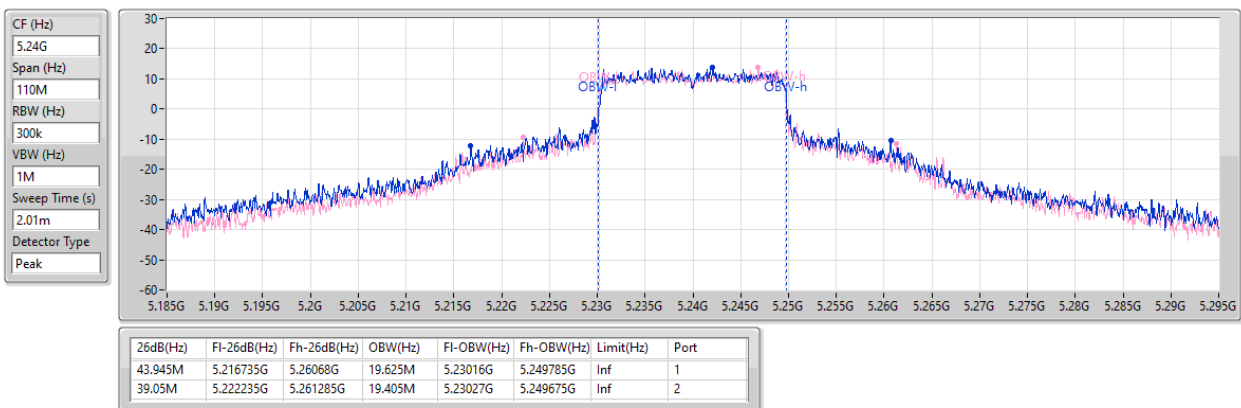


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

20/01/2026

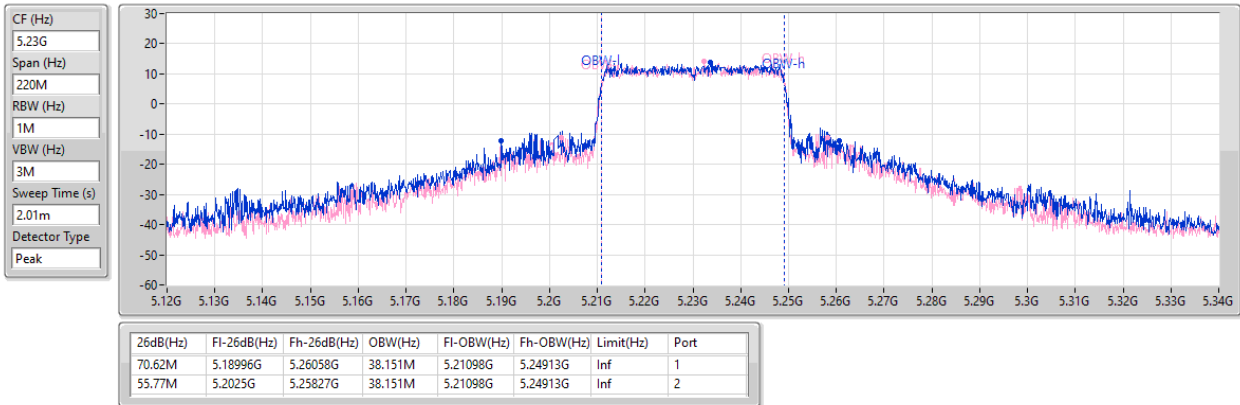


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

20/01/2026

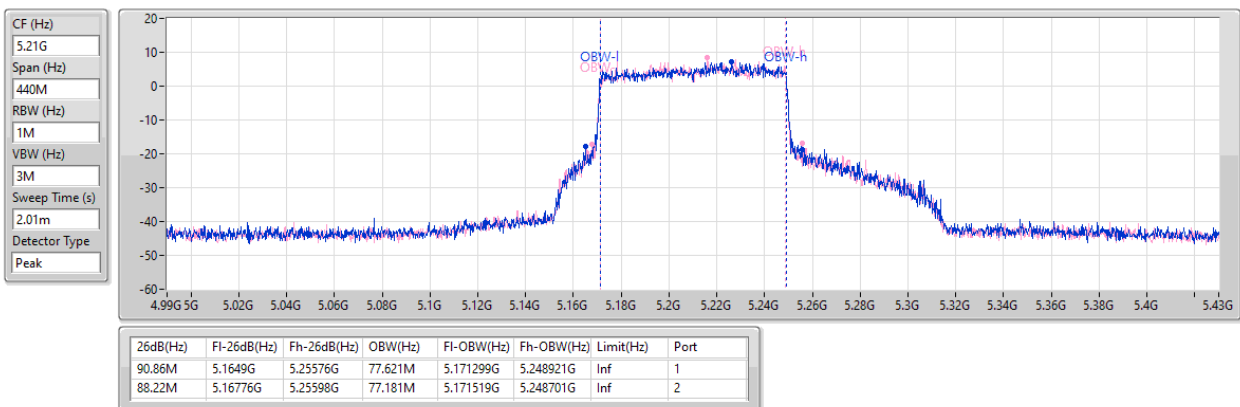


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

20/01/2026



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

EBW

5320MHz

20/01/2026

CF (Hz)
5.32G

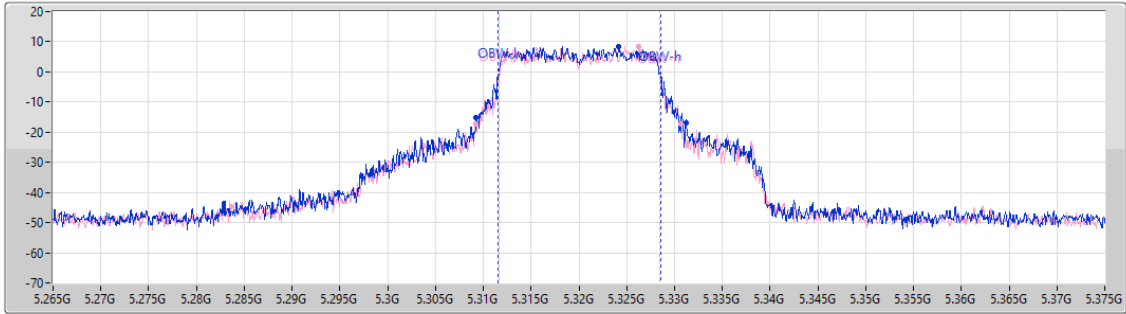
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.309275G	5.331275G	17.041M	5.311534G	5.328576G	Inf	1
21.395M	5.30922G	5.330615G	16.822M	5.311644G	5.328466G	Inf	2

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

EBW

5320MHz

20/01/2026

CF (Hz)
5.32G

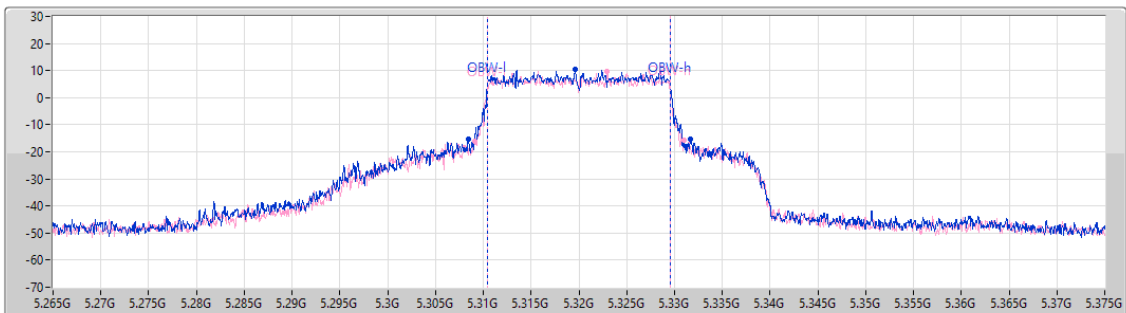
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



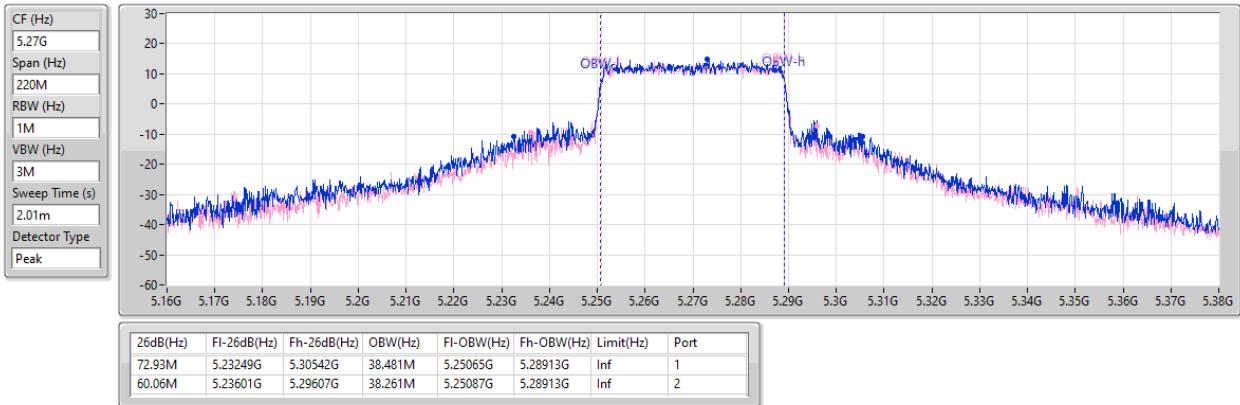
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.32M	5.308395G	5.331715G	19.13M	5.310435G	5.329565G	Inf	1
21.89M	5.30911G	5.331G	19.075M	5.310435G	5.32951G	Inf	2

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

EBW

5270MHz

20/01/2026

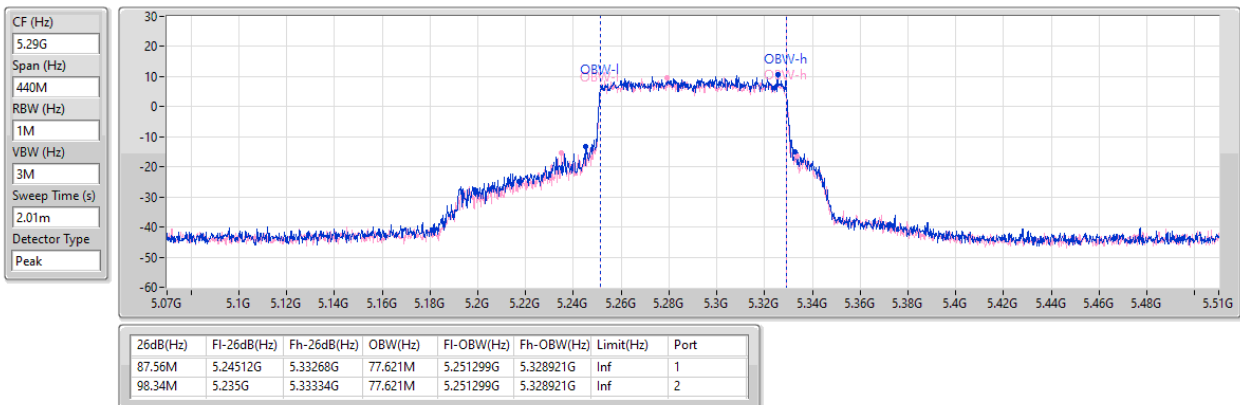


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/01/2026





EBW_Non-Beamforming_ Radio 1_Full RU_2T2S_AP5022S6D

Appendix B.3

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	41.36M	19.955M	20M0D1D	23.21M	19.13M
802.11be EHT40_Nss2,(MCS0)_2TX	52.8M	38.151M	38M2D1D	40.81M	38.041M
802.11be EHT80_Nss2,(MCS0)_2TX	85.58M	77.181M	77M2D1D	83.38M	77.181M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	25.41M	19.24M	19M2D1D	21.065M	19.13M
802.11be EHT40_Nss2,(MCS0)_2TX	74.25M	38.371M	38M4D1D	43.34M	38.151M
802.11be EHT80_Nss2,(MCS0)_2TX	88.66M	77.621M	77M6D1D	84.92M	77.401M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.43M	19.13M	23.21M	19.185M
5200MHz	Pass	Inf	28.38M	19.185M	34.76M	19.35M
5240MHz	Pass	Inf	41.36M	19.955M	40.15M	19.57M
5260MHz	Pass	Inf	25.41M	19.24M	21.065M	19.24M
5300MHz	Pass	Inf	24.035M	19.185M	21.395M	19.13M
5320MHz	Pass	Inf	21.56M	19.13M	22.055M	19.24M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	52.8M	38.151M	45.1M	38.041M
5230MHz	Pass	Inf	40.81M	38.151M	41.03M	38.041M
5270MHz	Pass	Inf	74.25M	38.371M	43.34M	38.151M
5310MHz	Pass	Inf	46.86M	38.151M	46.09M	38.151M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.38M	77.181M	85.58M	77.181M
5290MHz	Pass	Inf	88.66M	77.401M	84.92M	77.621M

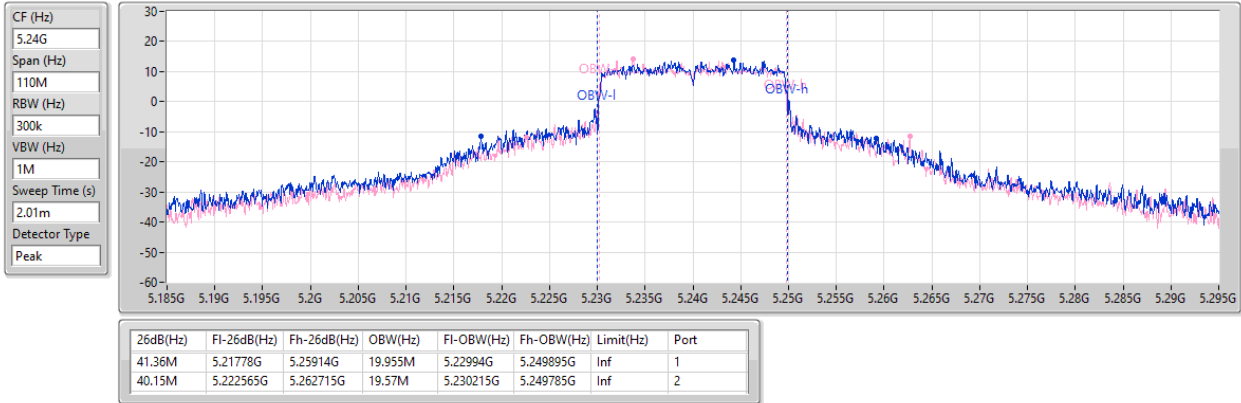
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

20/01/2026

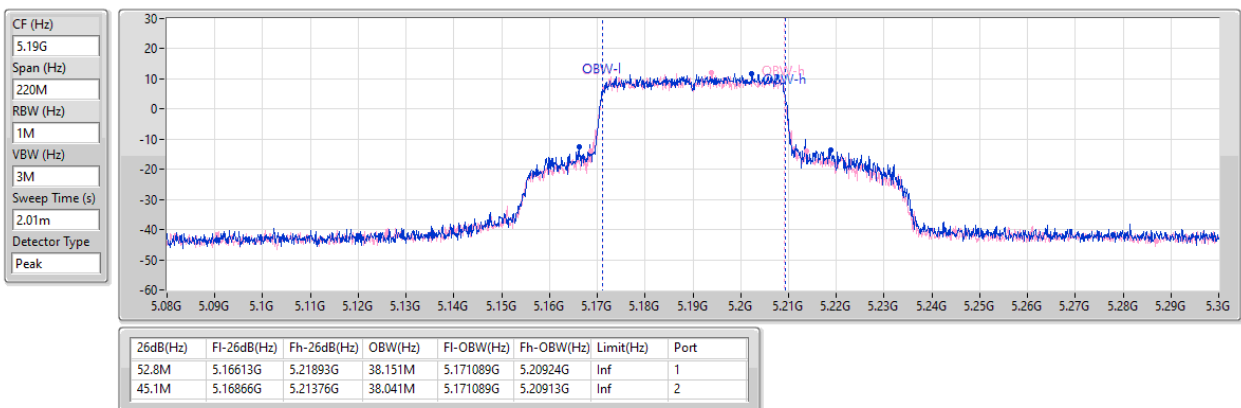


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

20/01/2026

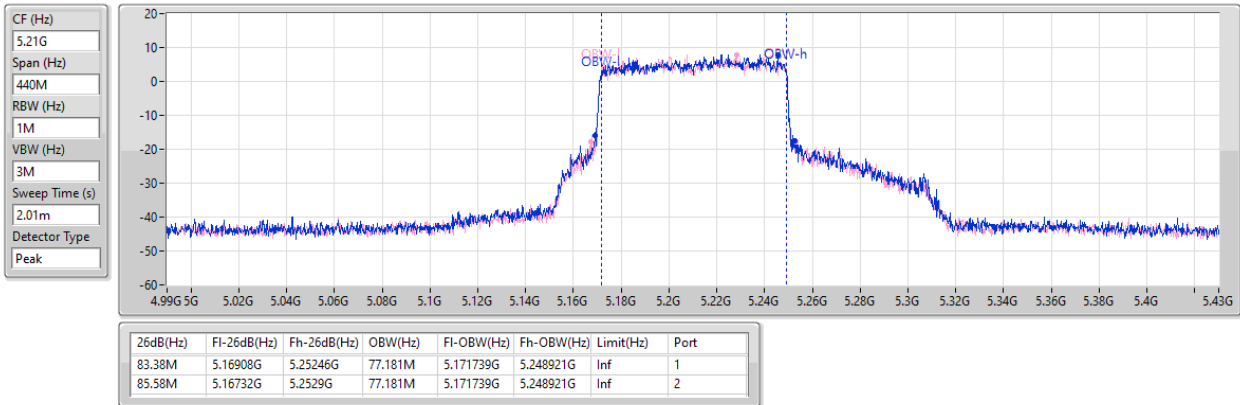


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

20/01/2026

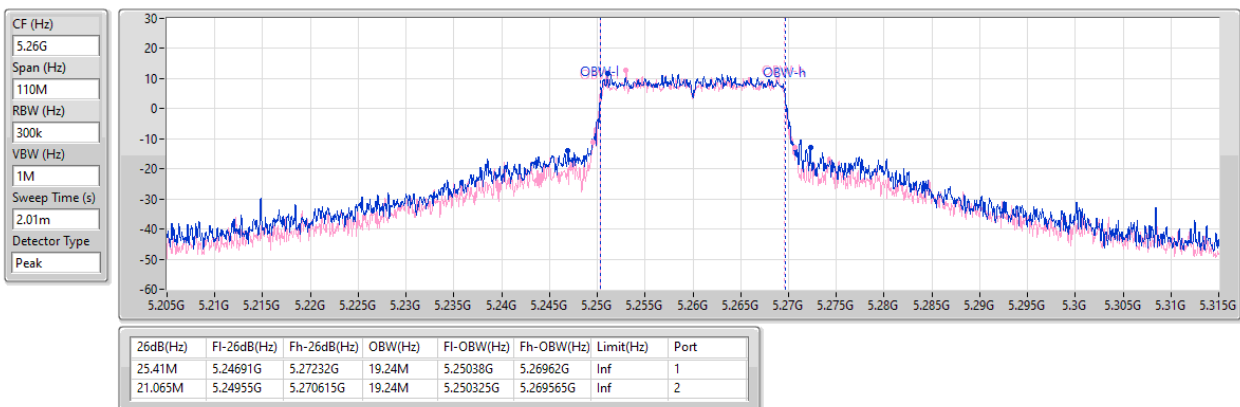


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

21/01/2026

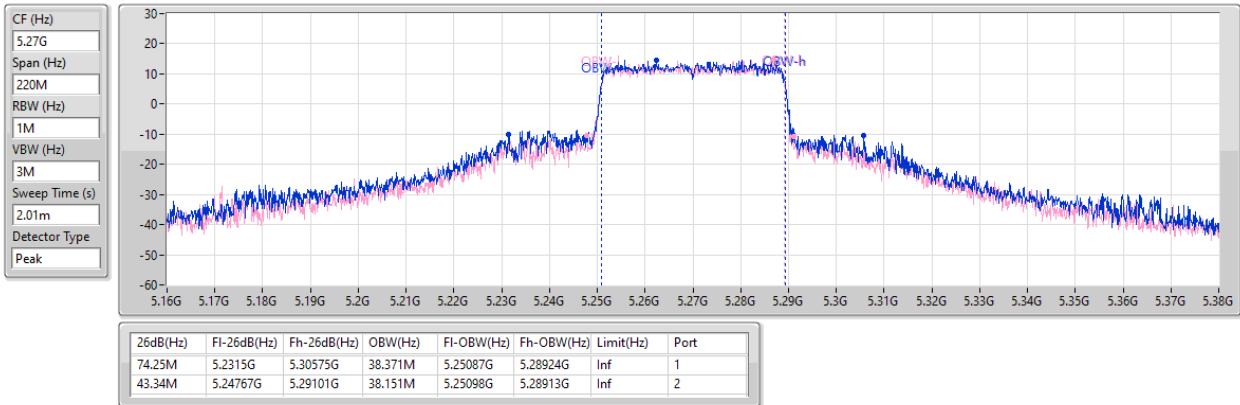


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

21/01/2026

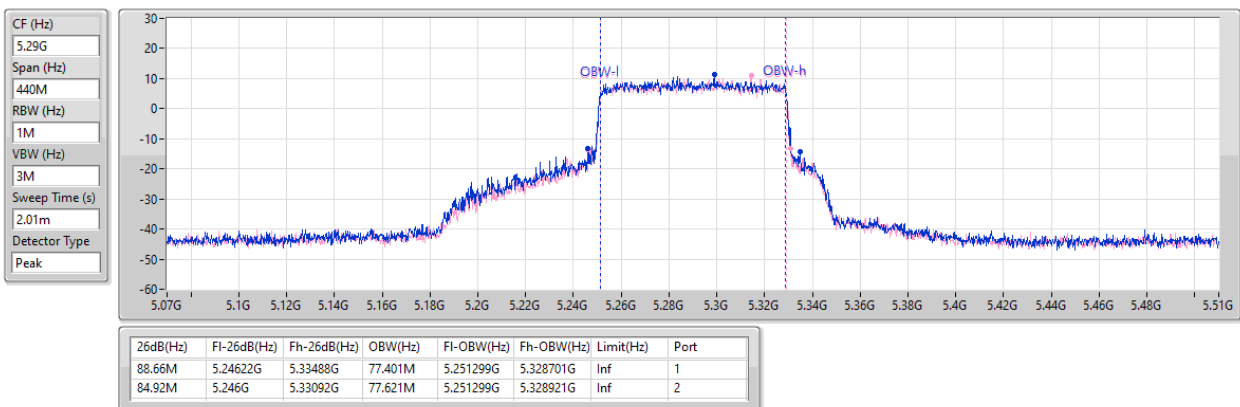


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

20/01/2026





EBW_Non-Beamforming_ Radio 1_Full RU_4T1S_AP5022S6D

Appendix B.4

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	27.61M	17.151M	17M2D1D	20.845M	16.822M
802.11be EHT20_Nss1,(MCS0)_4TX	36.85M	19.35M	19M4D1D	21.45M	19.075M
802.11be EHT40_Nss1,(MCS0)_4TX	60.83M	38.261M	38M3D1D	40.81M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	94.16M	77.401M	77M4D1D	86.24M	77.181M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.89M	17.096M	17M1D1D	20.625M	16.767M
802.11be EHT20_Nss1,(MCS0)_4TX	27.995M	19.24M	19M2D1D	21.12M	19.02M
802.11be EHT40_Nss1,(MCS0)_4TX	54.56M	38.151M	38M2D1D	40.48M	37.821M
802.11be EHT80_Nss1,(MCS0)_4TX	101.86M	77.401M	77M4D1D	96.58M	77.181M

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



EBW_Non-Beamforming_ Radio 1_Full RU_4T1S_AP5022S6D

Appendix B.4

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	22.11M	17.041M	21.78M	17.041M	21.395M	16.822M	21.45M	16.877M
5200MHz	Pass	Inf	21.45M	16.877M	21.615M	17.096M	20.845M	16.822M	21.395M	16.932M
5240MHz	Pass	Inf	27.61M	16.932M	21.725M	17.041M	23.1M	17.151M	21.835M	16.877M
5260MHz	Pass	Inf	21.285M	16.932M	20.625M	16.767M	20.845M	16.877M	20.9M	16.767M
5300MHz	Pass	Inf	21.065M	16.932M	21.285M	16.822M	20.845M	16.877M	21.01M	16.767M
5320MHz	Pass	Inf	21.56M	16.987M	21.45M	17.096M	21.56M	16.987M	21.89M	16.987M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.595M	19.13M	24.695M	19.13M	21.945M	19.185M	26.84M	19.185M
5200MHz	Pass	Inf	21.45M	19.075M	22.715M	19.075M	21.89M	19.13M	21.56M	19.185M
5240MHz	Pass	Inf	35.145M	19.295M	36.85M	19.185M	36.135M	19.35M	33.99M	19.185M
5260MHz	Pass	Inf	21.835M	19.02M	21.45M	19.075M	21.395M	19.02M	21.67M	19.02M
5300MHz	Pass	Inf	21.615M	19.02M	21.12M	19.075M	21.23M	19.02M	21.175M	19.02M
5320MHz	Pass	Inf	24.09M	19.185M	23.32M	19.185M	23.87M	19.185M	27.995M	19.24M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	56.43M	38.151M	47.74M	38.151M	49.28M	38.261M	52.58M	38.261M
5230MHz	Pass	Inf	60.83M	37.931M	47.52M	38.151M	41.25M	38.041M	40.81M	38.041M
5270MHz	Pass	Inf	40.48M	37.821M	41.36M	37.931M	41.36M	37.931M	40.81M	37.821M
5310MHz	Pass	Inf	54.12M	38.041M	54.56M	38.151M	53.68M	38.151M	51.15M	38.151M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.9M	77.181M	86.46M	77.181M	94.16M	77.401M	86.24M	77.401M
5290MHz	Pass	Inf	98.12M	77.181M	101.86M	77.401M	97.68M	77.401M	96.58M	77.401M

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

5240MHz

20/01/2026

CF (Hz)
5.24G

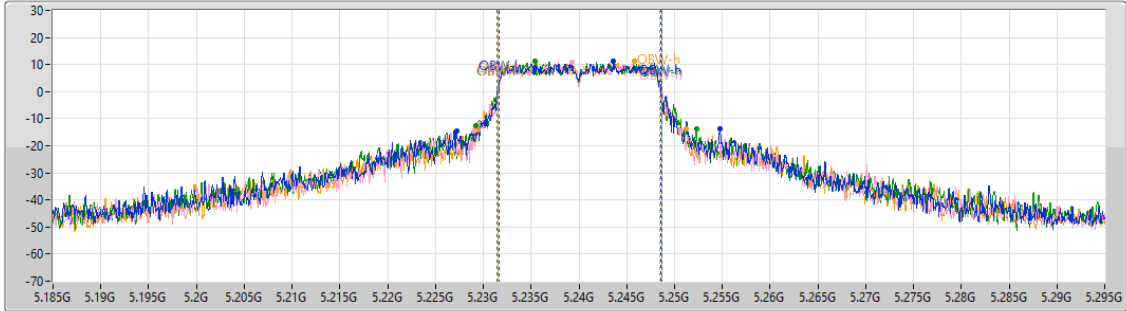
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.61M	5.227185G	5.254795G	16.932M	5.231644G	5.248576G	Inf	1
21.725M	5.228945G	5.25067G	17.041M	5.231589G	5.248631G	Inf	2
23.1M	5.22922G	5.25232G	17.151M	5.231479G	5.248631G	Inf	3
21.835M	5.22944G	5.251275G	16.877M	5.231589G	5.248466G	Inf	4

Port 1 

Port 2 

Port 3 

Port 4 

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

EBW

5240MHz

20/01/2026

CF (Hz)
5.24G

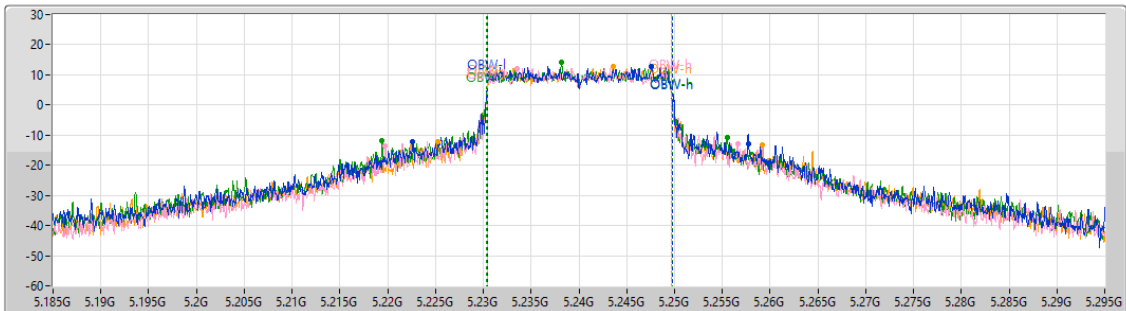
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.145M	5.22262G	5.257765G	19.295M	5.230435G	5.24973G	Inf	1
36.85M	5.21976G	5.25661G	19.185M	5.230435G	5.24962G	Inf	2
36.135M	5.21943G	5.255565G	19.35M	5.23038G	5.24973G	Inf	3
33.99M	5.225205G	5.259195G	19.185M	5.230435G	5.24962G	Inf	4

Port 1 

Port 2 

Port 3 

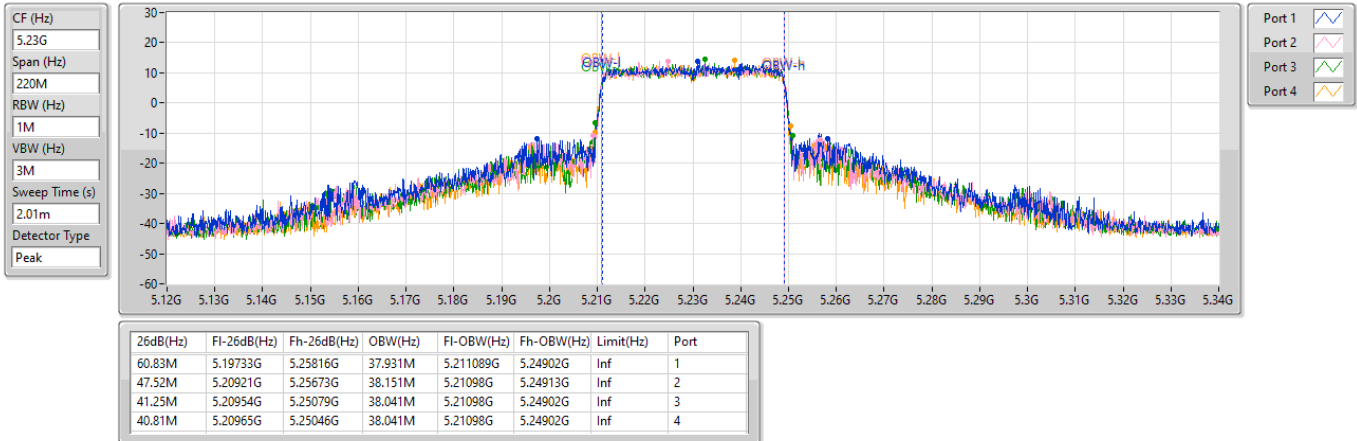
Port 4 

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

EBW

5230MHz

20/01/2026

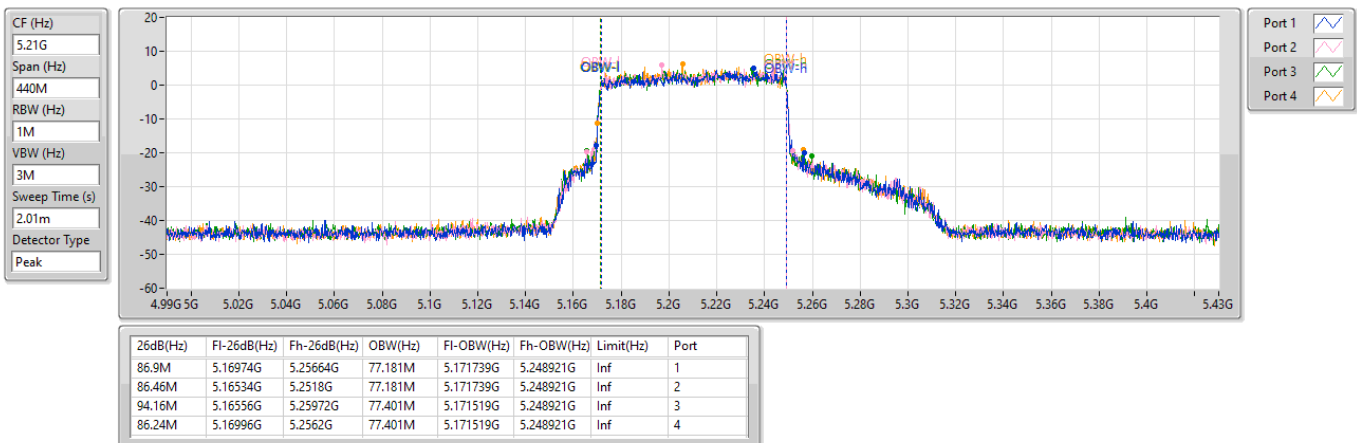


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

20/01/2026

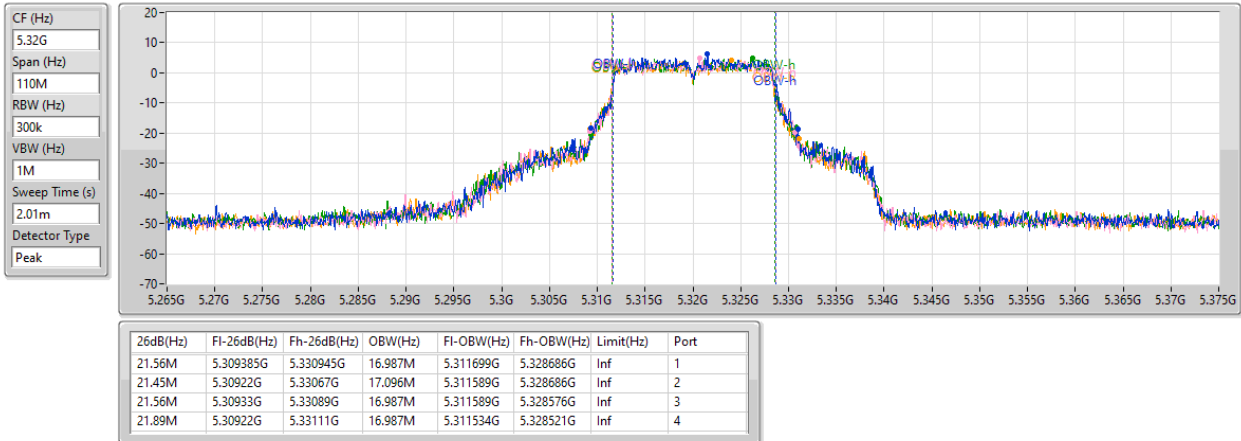


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

20/01/2026

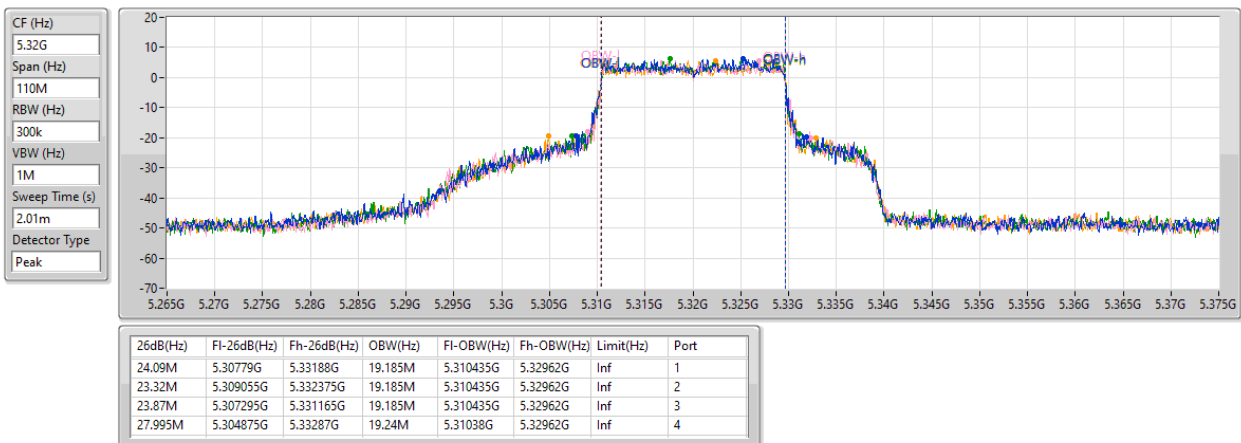


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

20/01/2026

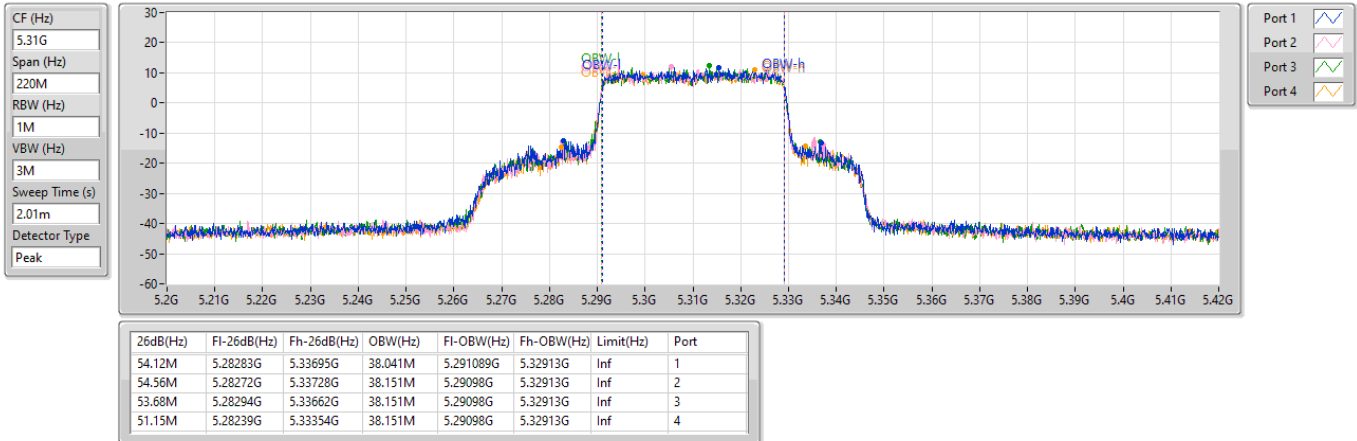


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

21/01/2026

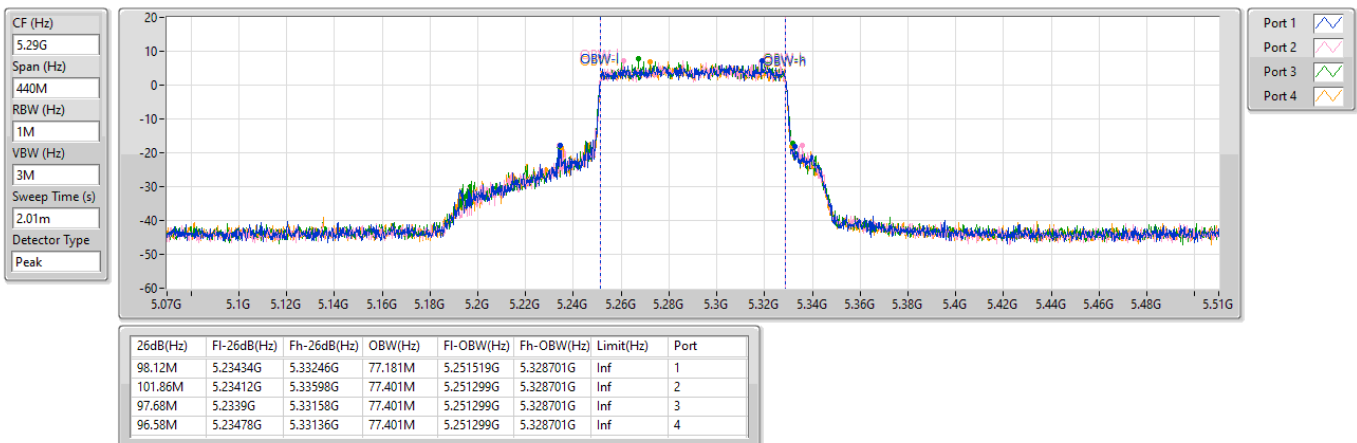


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

20/01/2026





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	41.745M	19.845M	19M8D1D	21.285M	19.13M
802.11be EHT40_Nss4,(MCS0)_4TX	64.46M	38.261M	38M3D1D	40.59M	38.041M
802.11be EHT80_Nss4,(MCS0)_4TX	91.08M	77.621M	77M6D1D	84.92M	77.181M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	30.855M	19.185M	19M2D1D	21.01M	18.966M
802.11be EHT40_Nss4,(MCS0)_4TX	60.72M	38.261M	38M3D1D	41.03M	37.931M
802.11be EHT80_Nss4,(MCS0)_4TX	88.66M	77.621M	77M6D1D	85.14M	77.181M

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



**EBW_Non-Beamforming_
Radio 1_Full RU_4T4S_AP5022S6D**

Appendix B.5

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)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.64M	19.295M	22.715M	19.185M	24.53M	19.185M	25.575M	19.13M
5200MHz	Pass	Inf	21.285M	19.185M	23.43M	19.185M	21.67M	19.185M	22.11M	19.185M
5240MHz	Pass	Inf	34.815M	19.735M	36.52M	19.515M	41.745M	19.845M	37.07M	19.46M
5260MHz	Pass	Inf	21.615M	19.02M	21.615M	19.185M	21.45M	18.966M	21.01M	19.02M
5300MHz	Pass	Inf	21.285M	19.075M	21.34M	19.02M	21.945M	19.185M	21.23M	19.075M
5320MHz	Pass	Inf	22.11M	19.13M	22.715M	19.13M	30.855M	19.13M	22.495M	19.13M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	46.97M	38.151M	56.98M	38.041M	64.46M	38.261M	56.87M	38.041M
5230MHz	Pass	Inf	56.65M	38.041M	41.58M	38.041M	46.64M	38.151M	40.59M	38.151M
5270MHz	Pass	Inf	41.14M	37.931M	41.36M	37.931M	41.03M	37.931M	41.47M	37.931M
5310MHz	Pass	Inf	42.35M	38.151M	48.07M	38.261M	60.72M	38.041M	55.55M	38.151M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.46M	77.621M	84.92M	77.181M	85.58M	77.401M	91.08M	77.621M
5290MHz	Pass	Inf	86.02M	77.181M	88.66M	77.181M	85.14M	77.401M	85.36M	77.621M

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_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5240MHz

20/01/2026

CF (Hz)
5.24G

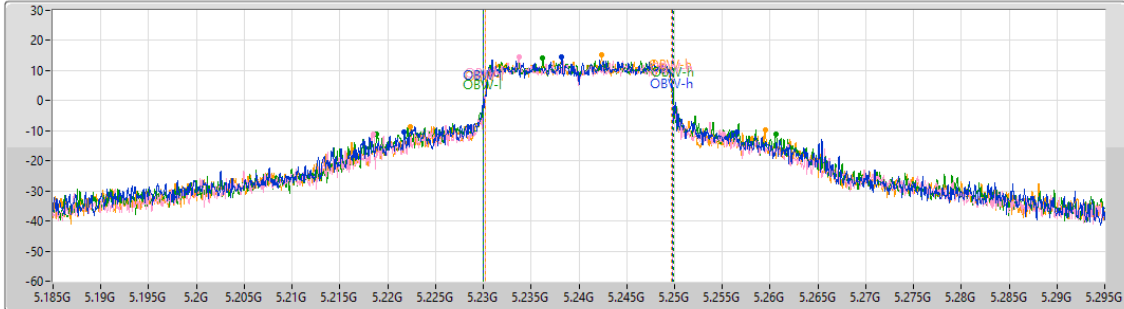
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1 

Port 2 

Port 3 

Port 4 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.815M	5.221685G	5.2565G	19.735M	5.23005G	5.249785G	Inf	1
36.52M	5.21855G	5.25507G	19.515M	5.230215G	5.24973G	Inf	2
41.745M	5.21888G	5.260625G	19.845M	5.23005G	5.249895G	Inf	3
37.07M	5.2224G	5.25947G	19.46M	5.230215G	5.249675G	Inf	4

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

EBW

5190MHz

20/01/2026

CF (Hz)
5.19G

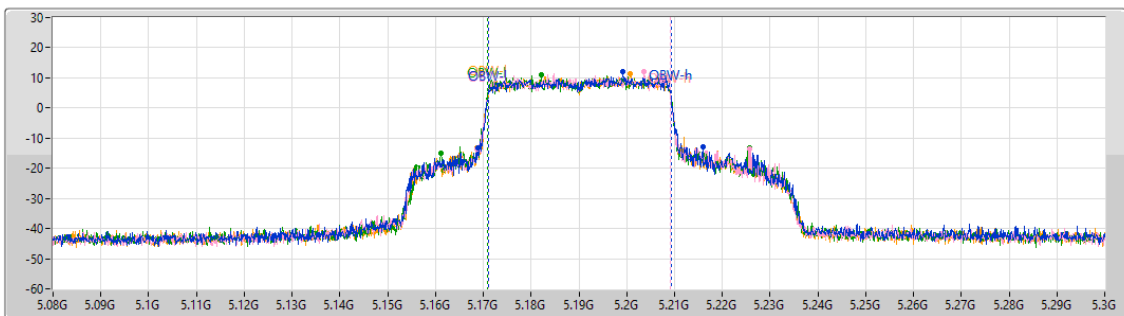
Span (Hz)
220M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1 

Port 2 

Port 3 

Port 4 

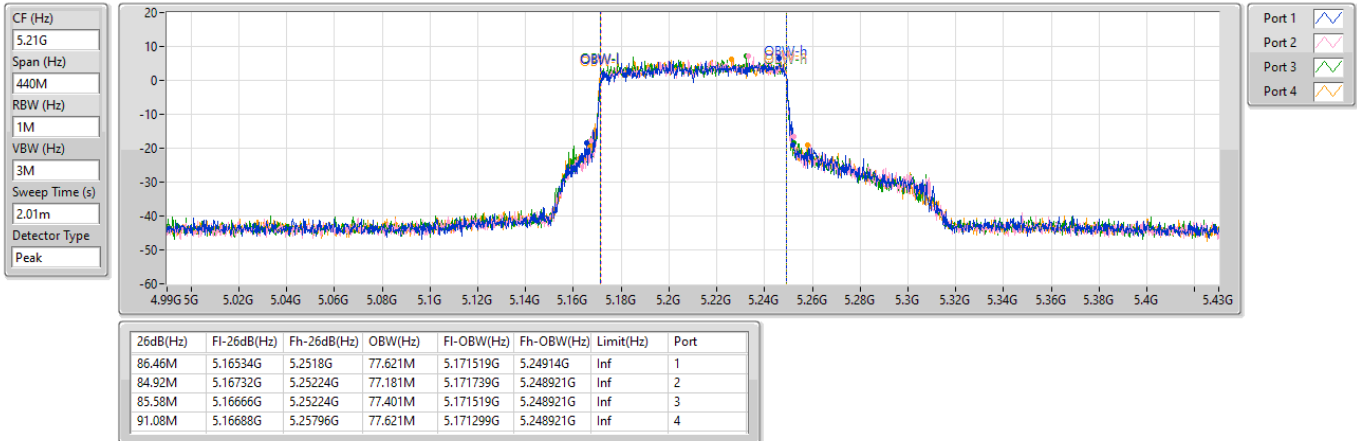
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.97M	5.16899G	5.21596G	38.151M	5.171089G	5.20924G	Inf	1
56.98M	5.16866G	5.22564G	38.041M	5.171089G	5.20913G	Inf	2
64.46M	5.16118G	5.22564G	38.261M	5.17098G	5.20924G	Inf	3
56.87M	5.16877G	5.22564G	38.041M	5.171089G	5.20913G	Inf	4

5.15-5.25GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5210MHz

20/01/2026

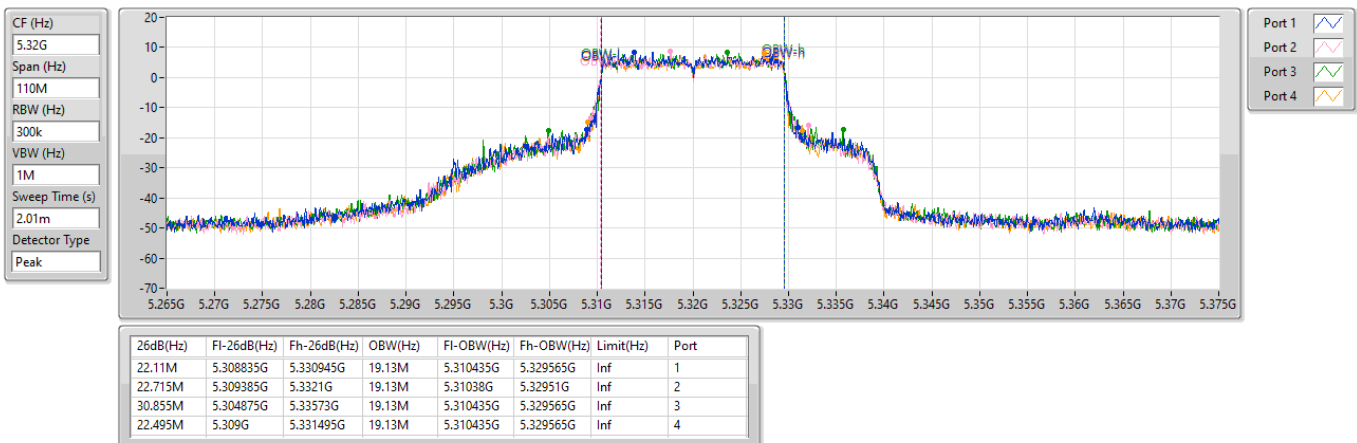


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5320MHz

21/01/2026

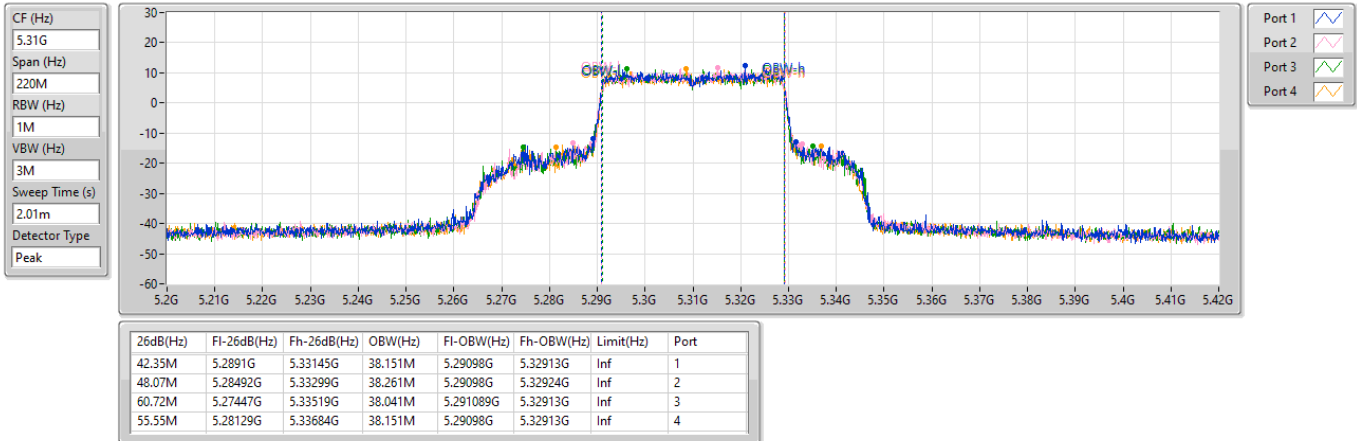


5.25-5.35GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5310MHz

21/01/2026

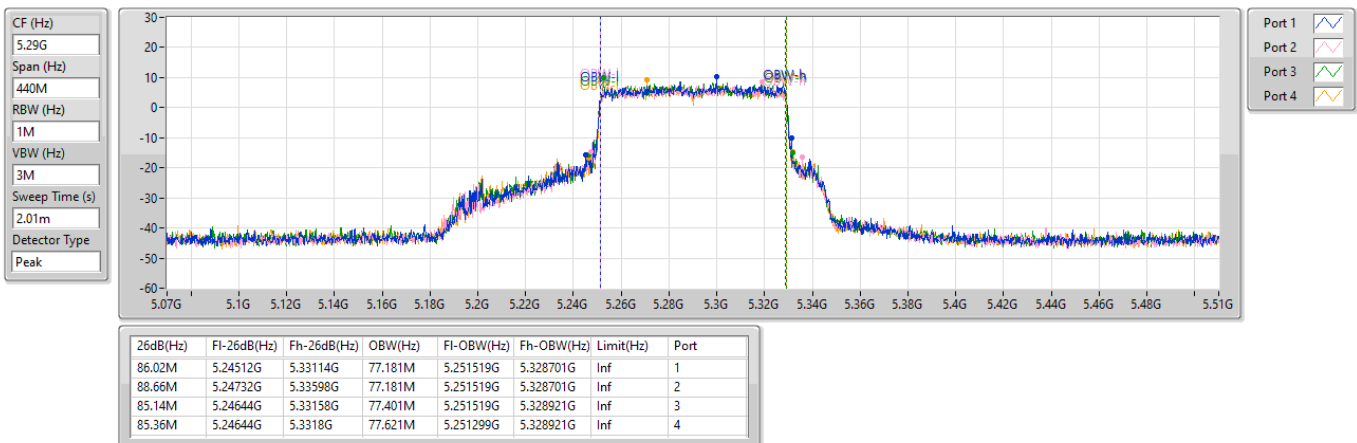


5.25-5.35GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5290MHz

21/01/2026





EBW_Non-Beamforming_ Radio 2_Full RU_1T1S_AP5022S6D

Appendix B.6

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	28.82M	17.096M	17M1D1D	22.165M	16.932M
802.11be EHT20_Nss1,(MCS0)_1TX	33.55M	19.185M	19M2D1D	22.055M	19.13M
802.11be EHT40_Nss1,(MCS0)_1TX	58.19M	38.151M	38M2D1D	49.83M	38.151M
802.11be EHT80_Nss1,(MCS0)_1TX	82.06M	77.181M	77M2D1D	82.06M	77.181M
802.11be EHT160_Nss1,(MCS0)_1TX	82.8M	78.281M	78M3D1D	82.8M	78.281M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	26.18M	17.206M	17M2D1D	21.725M	16.987M
802.11be EHT20_Nss1,(MCS0)_1TX	28.49M	19.24M	19M2D1D	21.725M	19.13M
802.11be EHT40_Nss1,(MCS0)_1TX	59.07M	38.151M	38M2D1D	50.49M	38.041M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.181M	77M2D1D	81.62M	77.181M
802.11be EHT160_Nss1,(MCS0)_1TX	88.96M	78.361M	78M4D1D	88.96M	78.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	33.44M	17.811M	17M8D1D	21.12M	14.603M
802.11be EHT20_Nss1,(MCS0)_1TX	34.705M	19.35M	19M4D1D	21.56M	14.933M
802.11be EHT40_Nss1,(MCS0)_1TX	62.92M	38.151M	38M2D1D	44.66M	34.248M
802.11be EHT80_Nss1,(MCS0)_1TX	131.775M	77.621M	77M6D1D	91.74M	74.363M
802.11be EHT160_Nss1,(MCS0)_1TX	165M	157.441M	157MD1D	165M	157.441M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.335M	25.672M	25M7D1D	3.12M	11.374M
802.11be EHT20_Nss1,(MCS0)_1TX	18.205M	28.586M	28M6D1D	4.2M	10.495M
802.11be EHT40_Nss1,(MCS0)_1TX	37.18M	52.334M	52M3D1D	3.66M	24.028M
802.11be EHT80_Nss1,(MCS0)_1TX	75.24M	78.061M	78M1D1D	4.02M	35.662M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.165M	16.932M
5200MHz	Pass	Inf	23.595M	17.096M
5240MHz	Pass	Inf	28.82M	16.932M
5260MHz	Pass	Inf	26.18M	16.987M
5300MHz	Pass	Inf	25.3M	17.041M
5320MHz	Pass	Inf	21.725M	17.206M
5500MHz	Pass	Inf	21.34M	17.151M
5580MHz	Pass	Inf	33.44M	17.811M
5700MHz	Pass	Inf	21.12M	16.822M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.02M	14.603M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	11.374M
5745MHz	Pass	500k	15.4M	25.672M
5785MHz	Pass	500k	16.335M	18.471M
5825MHz	Pass	500k	16.005M	20.67M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.055M	19.185M
5200MHz	Pass	Inf	30.305M	19.13M
5240MHz	Pass	Inf	33.55M	19.185M
5260MHz	Pass	Inf	28.49M	19.24M
5300MHz	Pass	Inf	21.725M	19.13M
5320MHz	Pass	Inf	25.685M	19.13M
5500MHz	Pass	Inf	22M	19.24M
5580MHz	Pass	Inf	34.705M	19.35M
5700MHz	Pass	Inf	21.56M	19.075M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.345M	14.933M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.2M	10.495M
5745MHz	Pass	500k	18.205M	28.586M
5785MHz	Pass	500k	17.765M	21.274M
5825MHz	Pass	500k	17.765M	22.649M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	49.83M	38.151M
5230MHz	Pass	Inf	58.19M	38.151M
5270MHz	Pass	Inf	50.49M	38.041M
5310MHz	Pass	Inf	59.07M	38.151M
5510MHz	Pass	Inf	54.12M	38.151M
5550MHz	Pass	Inf	62.92M	38.151M
5670MHz	Pass	Inf	44.66M	38.041M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	55.685M	34.248M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.66M	24.028M
5755MHz	Pass	500k	37.18M	52.334M
5795MHz	Pass	500k	36.52M	38.591M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.06M	77.181M
5290MHz	Pass	Inf	81.62M	77.181M
5530MHz	Pass	Inf	91.74M	77.401M
5610MHz	Pass	Inf	110M	77.621M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	131.775M	74.363M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	35.662M
5775MHz	Pass	500k	75.24M	78.061M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.8M	78.281M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	88.96M	78.361M
5570MHz	Pass	Inf	165M	157.441M

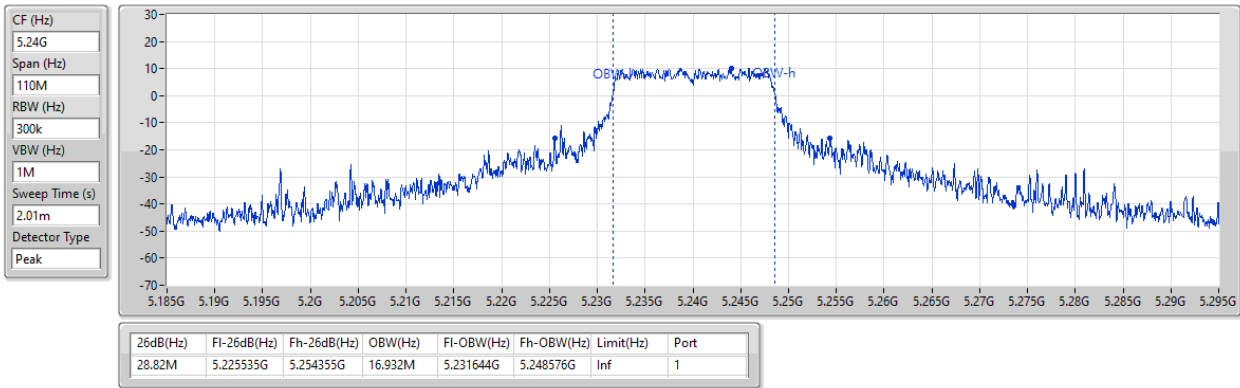
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

31/01/2026

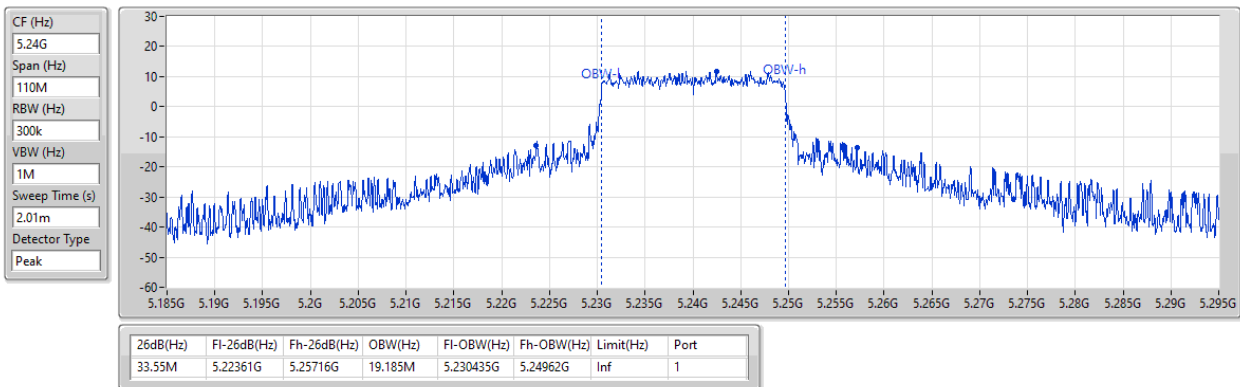


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

31/01/2026

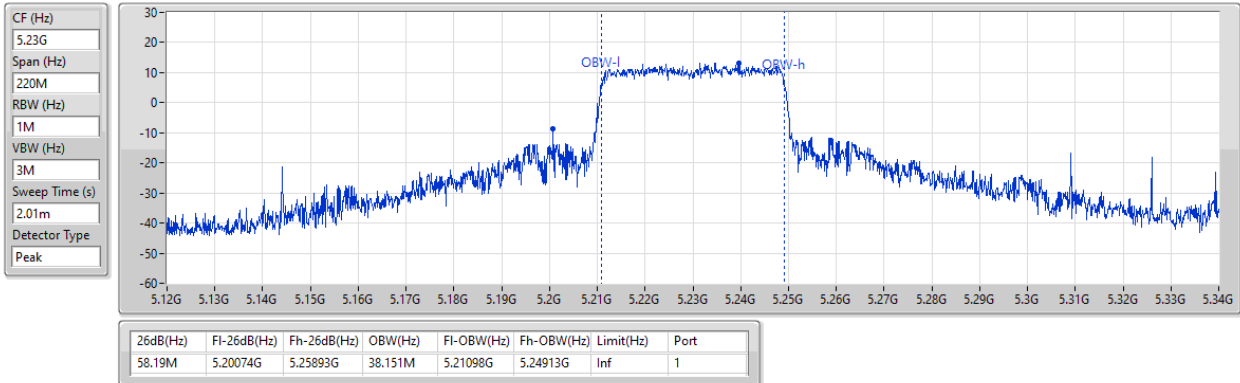


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

31/01/2026

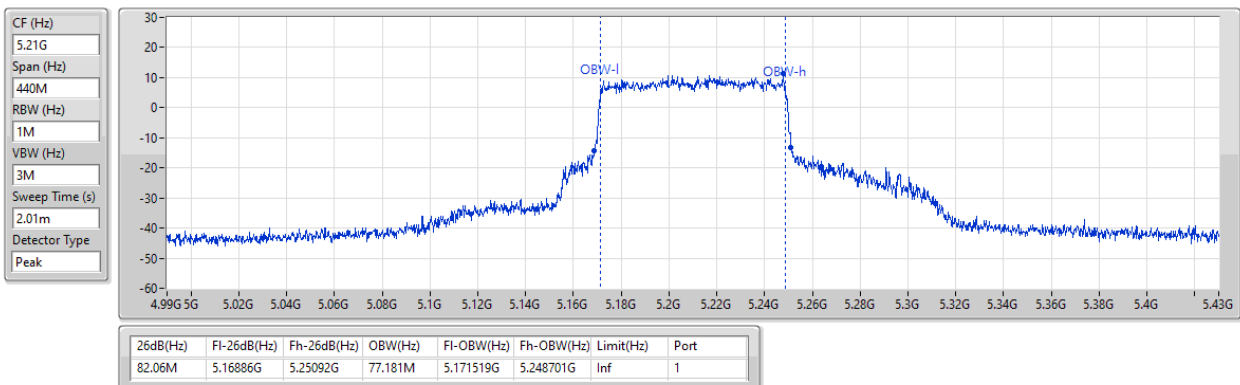


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

31/01/2026

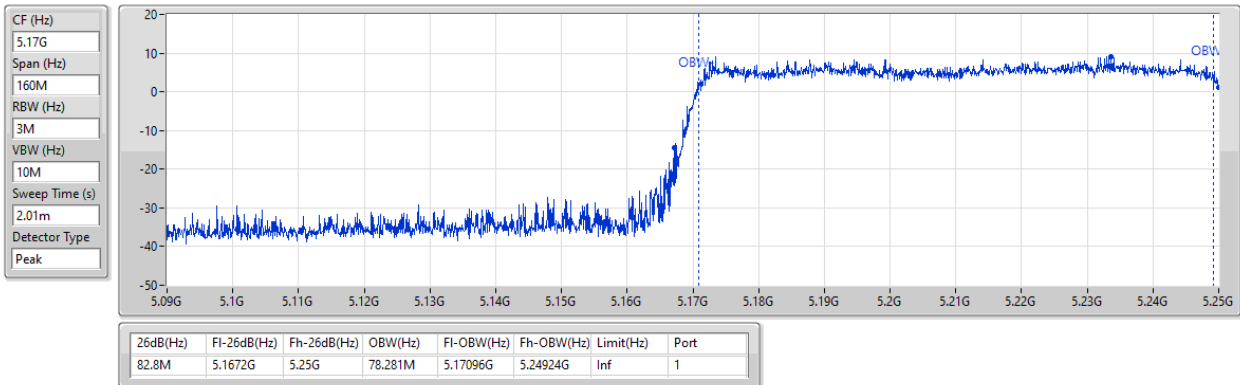


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

31/01/2026

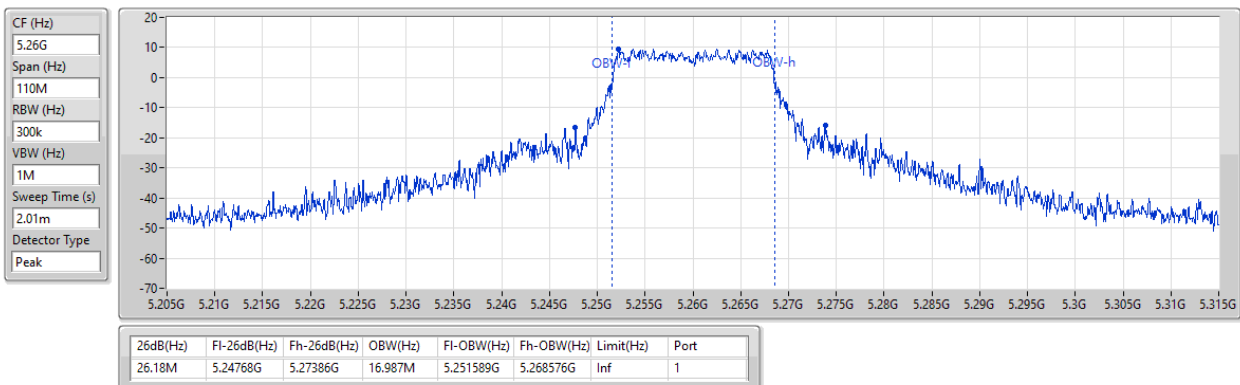


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

31/01/2026

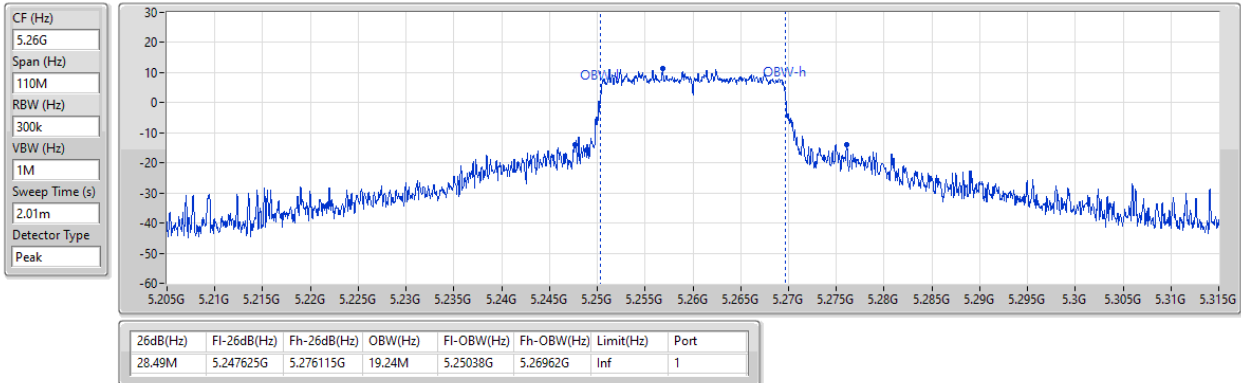


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

31/01/2026

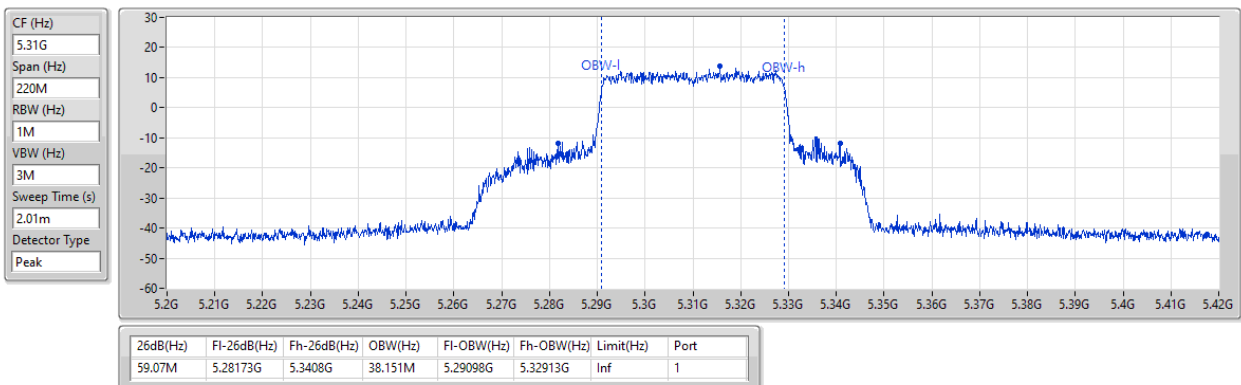


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

31/01/2026

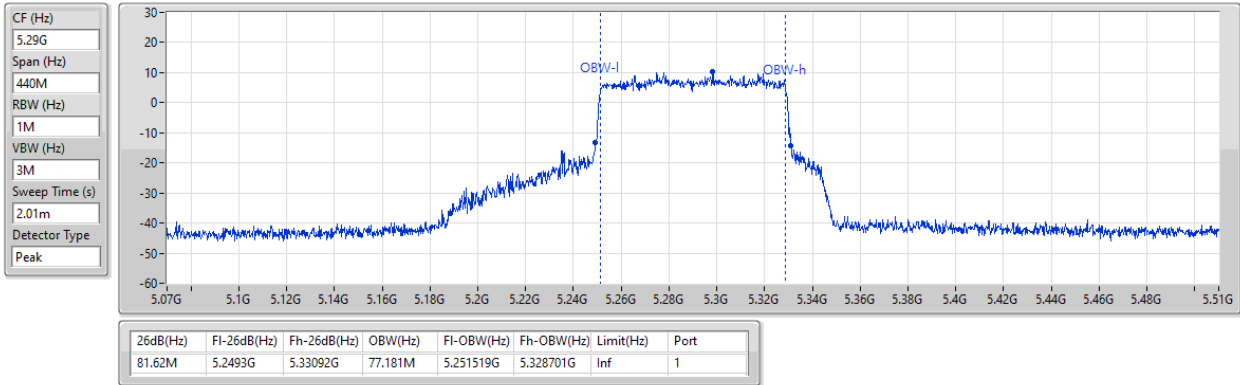


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

31/01/2026

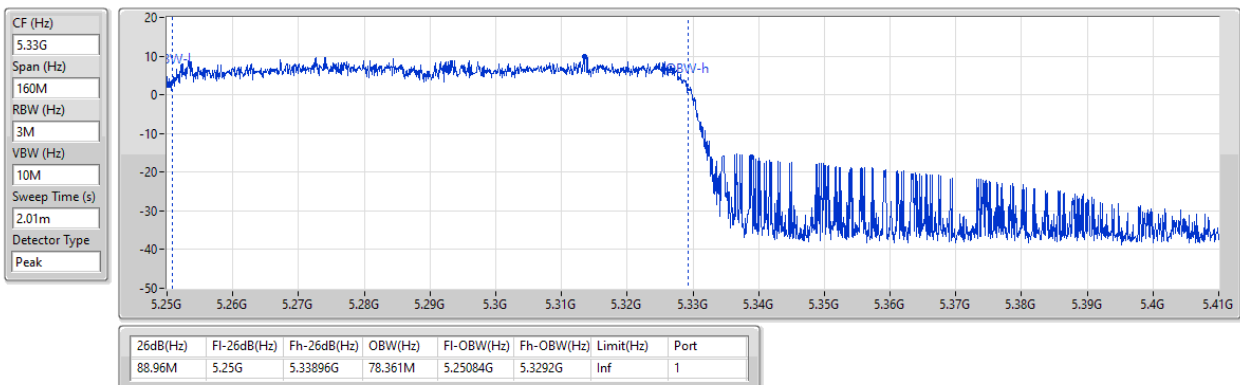


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

31/01/2026

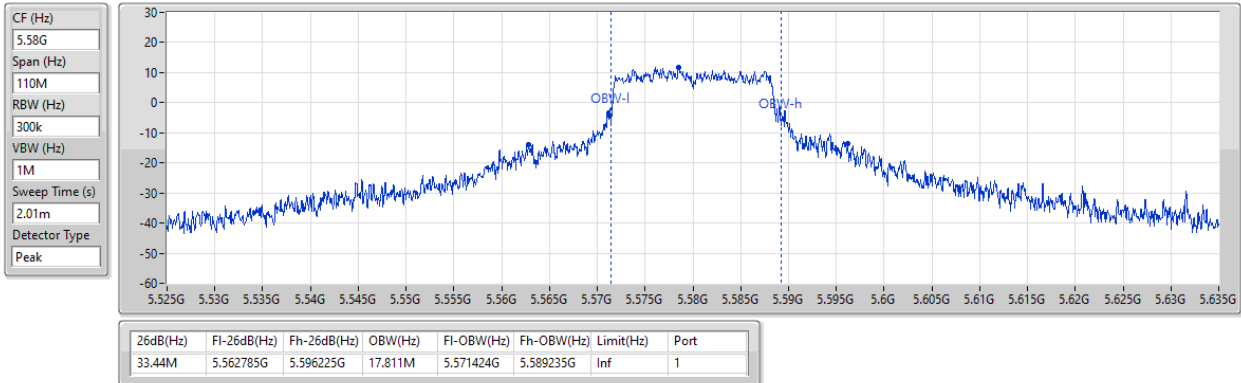


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

31/01/2026

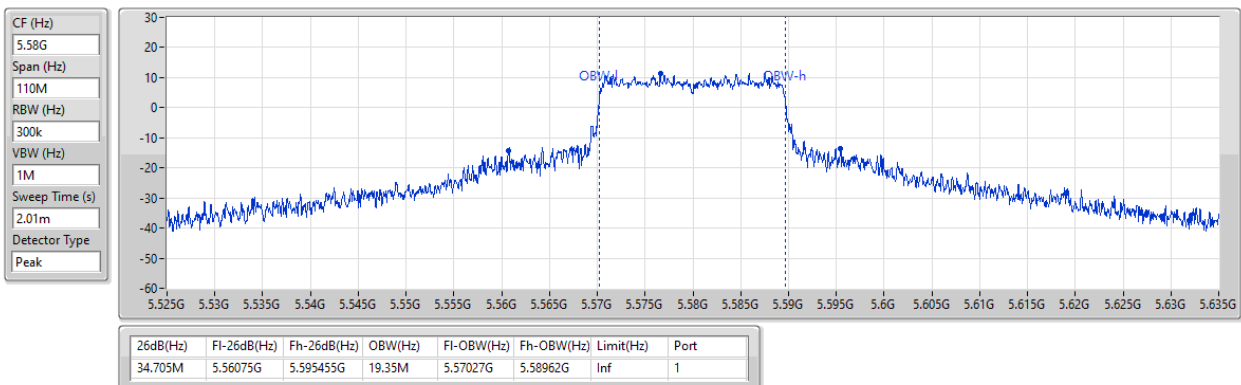


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

31/01/2026



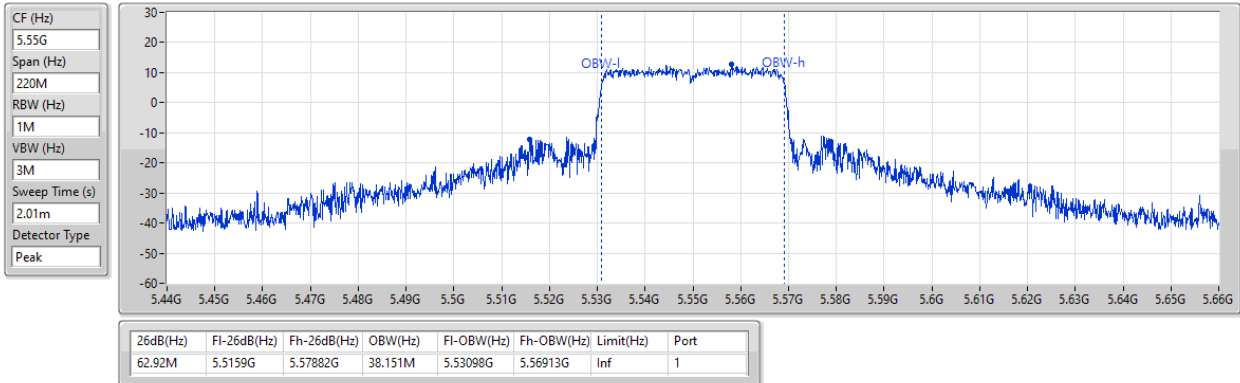


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5550MHz

31/01/2026

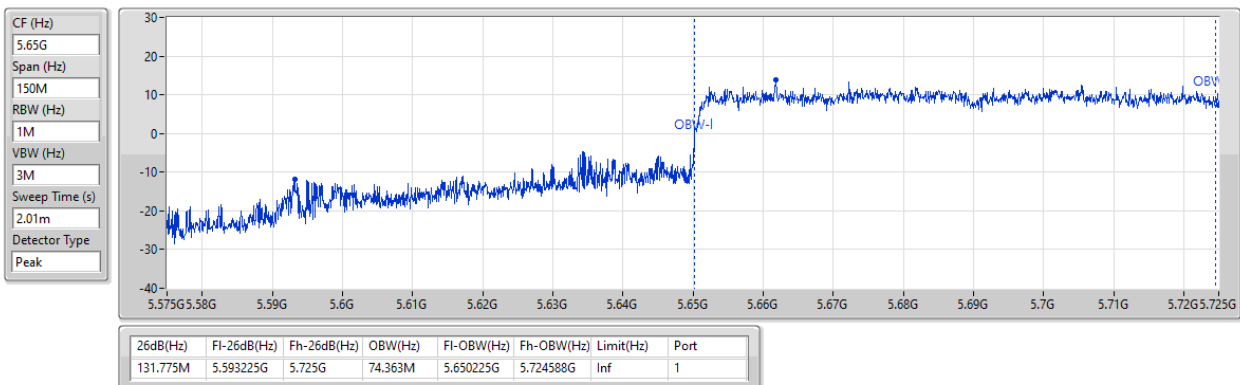


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

01/02/2026

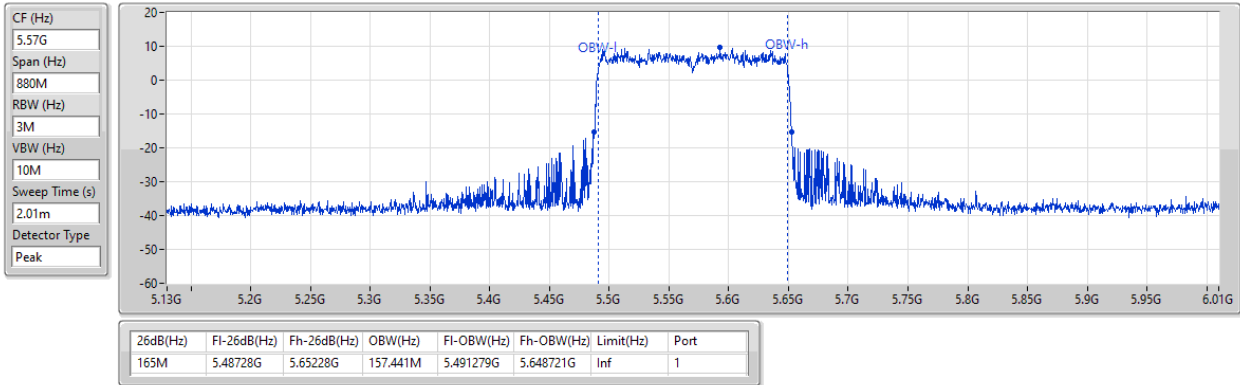


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

31/01/2026

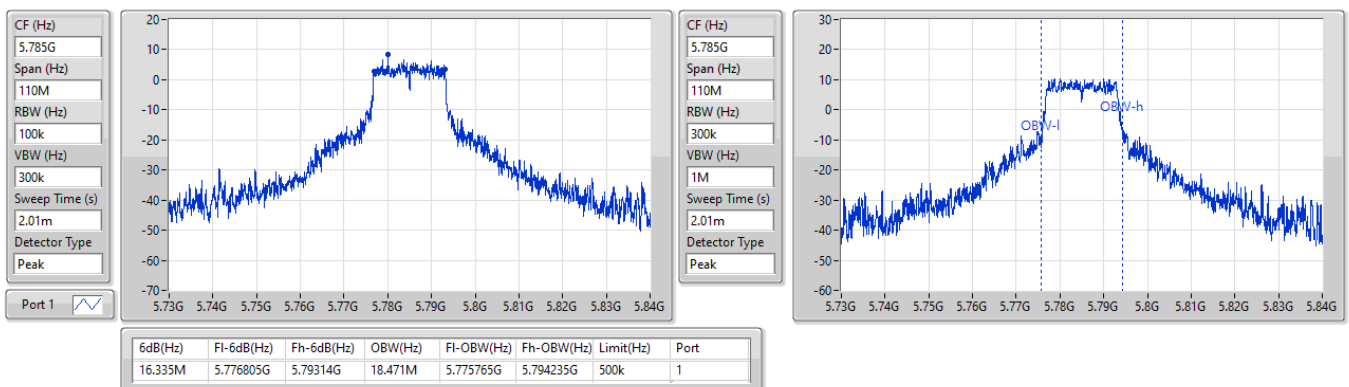


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

31/01/2026



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

EBW

5785MHz

31/01/2026

CF (Hz)
5.785G

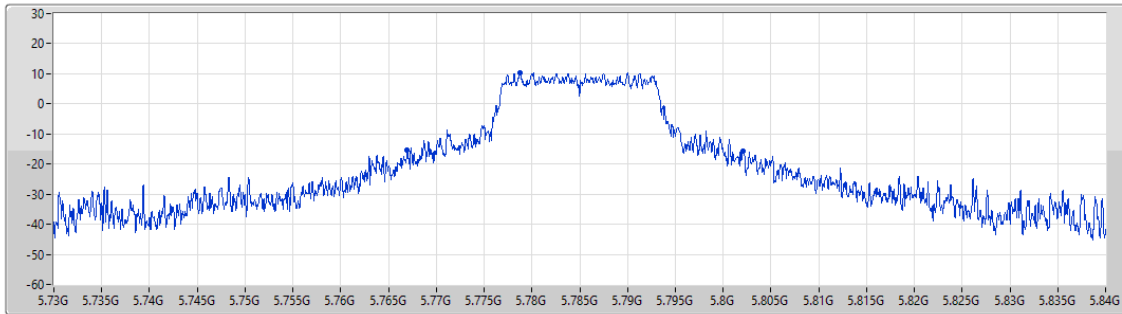
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.09M	5.76696G	5.80205G	Inf	1

Port 1

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

EBW

5745MHz

31/01/2026

CF (Hz)
5.745G

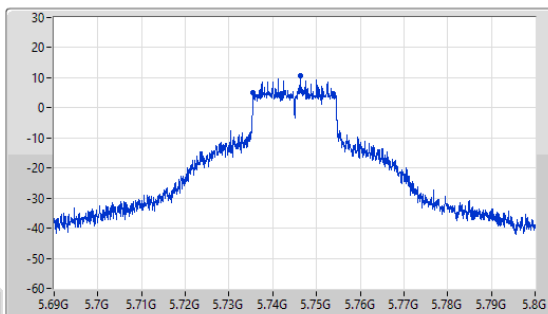
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
2.01m

Detector Type
Peak



6dB(Hz)	F1-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	F1-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.205M	5.73554G	5.753745G	28.586M	5.730212G	5.758798G	500k	1

CF (Hz)
5.745G

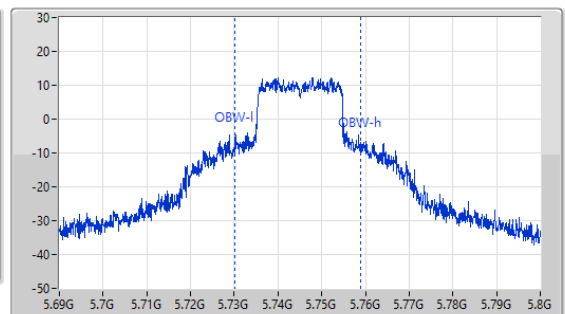
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



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

EBW

5745MHz

31/01/2026

CF (Hz)
5.745G

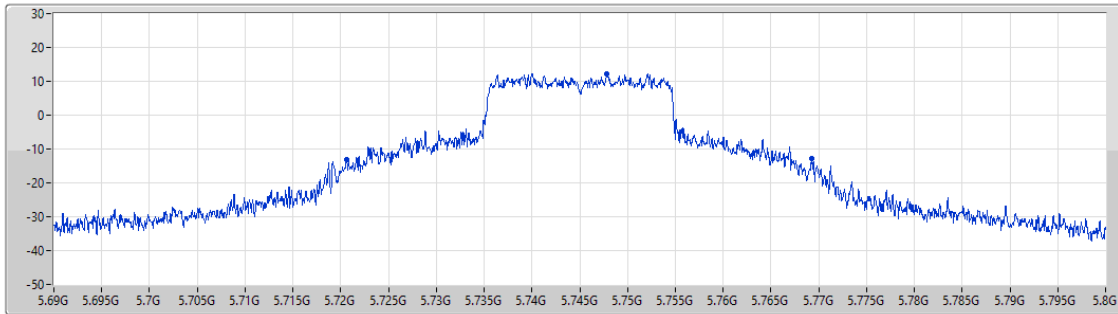
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.73M	5.72058G	5.76931G	Inf	1

Port 1

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

EBW

5755MHz

31/01/2026

CF (Hz)
5.755G

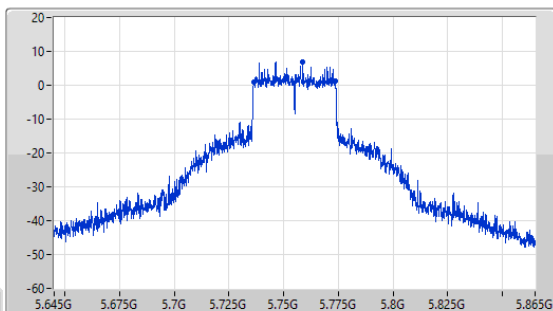
Span (Hz)
220M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
2.2m

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.18M	5.73641G	5.77359G	52.334M	5.727624G	5.779958G	500k	1

CF (Hz)
5.755G

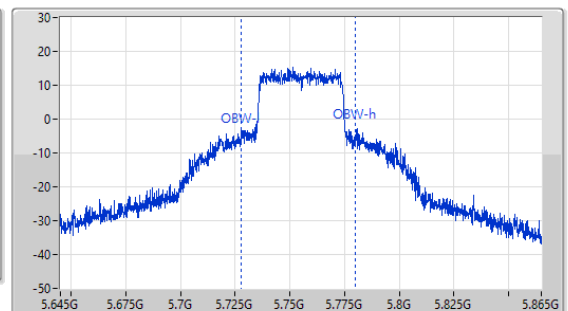
Span (Hz)
220M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak

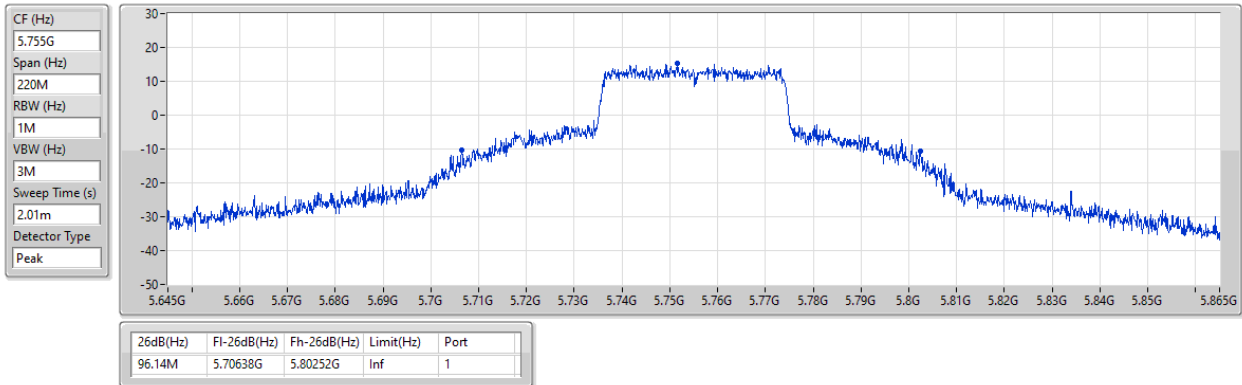


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

31/01/2026

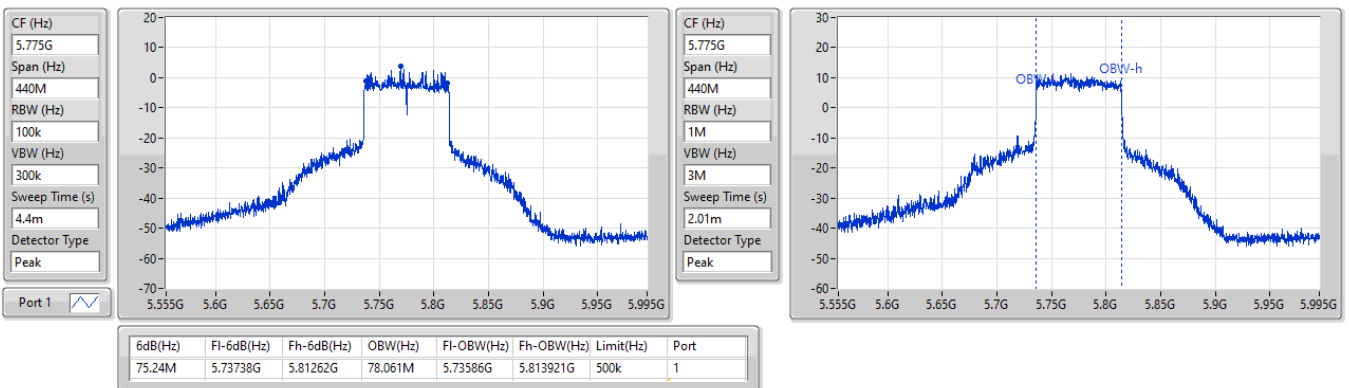


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

31/01/2026





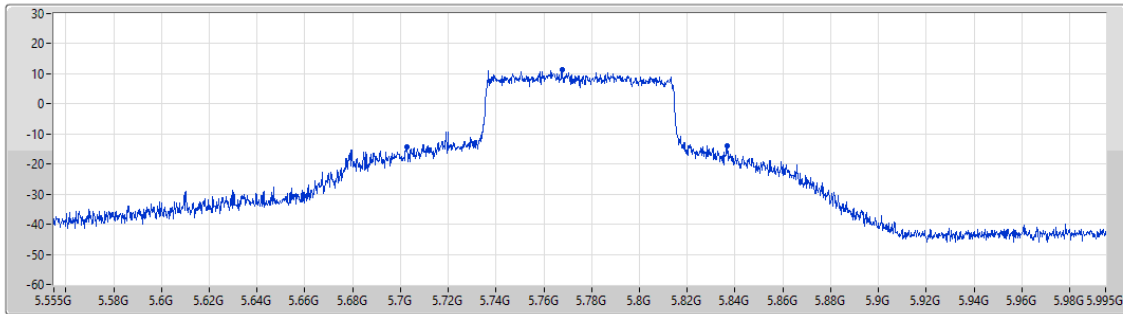
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

31/01/2026

CF (Hz)
5.775G
Span (Hz)
440M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
2.01m
Detector Type
Peak



26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
133.98M	5.70284G	5.83682G	Inf	1



**EBW_Non-Beamforming_
Radio 2_Full RU_2T1S_AP5022S6D**

Appendix B.7

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.935M	17.206M	17M2D1D	21.23M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	35.035M	19.46M	19M5D1D	21.78M	19.075M
802.11be EHT40_Nss1,(MCS0)_2TX	55.11M	38.261M	38M3D1D	46.2M	38.041M
802.11be EHT80_Nss1,(MCS0)_2TX	86.46M	77.401M	77M4D1D	86.24M	77.401M
802.11be EHT160_Nss1,(MCS0)_2TX	83.2M	78.281M	78M3D1D	82.72M	78.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.45M	16.932M	16M9D1D	20.9M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	25.025M	19.24M	19M2D1D	21.56M	19.075M
802.11be EHT40_Nss1,(MCS0)_2TX	55.22M	38.151M	38M2D1D	40.81M	37.931M
802.11be EHT80_Nss1,(MCS0)_2TX	86.9M	77.401M	77M4D1D	85.8M	77.401M
802.11be EHT160_Nss1,(MCS0)_2TX	86.96M	78.361M	78M4D1D	82.64M	78.201M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.055M	17.096M	17M1D1D	15.705M	13.463M
802.11be EHT20_Nss1,(MCS0)_2TX	26.73M	19.35M	19M4D1D	18.225M	14.663M
802.11be EHT40_Nss1,(MCS0)_2TX	54.775M	38.151M	38M2D1D	40.59M	34.178M
802.11be EHT80_Nss1,(MCS0)_2TX	94.425M	77.621M	77M6D1D	82.28M	73.313M
802.11be EHT160_Nss1,(MCS0)_2TX	165M	157.001M	157MD1D	164.12M	156.562M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.28M	26.552M	26M6D1D	3.16M	4.698M
802.11be EHT20_Nss1,(MCS0)_2TX	18.975M	26.992M	27M0D1D	4.26M	5.217M
802.11be EHT40_Nss1,(MCS0)_2TX	37.4M	38.921M	38M9D1D	3.5M	21.709M
802.11be EHT80_Nss1,(MCS0)_2TX	76.34M	77.401M	77M4D1D	3.24M	29.905M

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



**EBW_Non-Beamforming_
Radio 2_Full RU_2T1S_AP5022S6D**

Appendix B.7

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.1M	16.932M	21.45M	16.987M
5200MHz	Pass	Inf	21.23M	16.932M	21.835M	16.822M
5240MHz	Pass	Inf	25.63M	17.151M	33.935M	17.206M
5260MHz	Pass	Inf	21.23M	16.822M	20.9M	16.712M
5300MHz	Pass	Inf	21.01M	16.822M	20.9M	16.712M
5320MHz	Pass	Inf	21.45M	16.932M	21.285M	16.877M
5500MHz	Pass	Inf	22.055M	17.096M	21.945M	16.987M
5580MHz	Pass	Inf	21.01M	16.877M	20.845M	16.767M
5700MHz	Pass	Inf	21.615M	16.987M	21.505M	16.657M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.705M	13.508M	16.125M	13.463M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.698M	3.16M	4.878M
5745MHz	Pass	500k	15.785M	26.552M	15.73M	25.562M
5785MHz	Pass	500k	16.115M	17.426M	16.28M	17.096M
5825MHz	Pass	500k	16.28M	17.261M	16.28M	17.316M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.97M	19.185M	22.935M	19.075M
5200MHz	Pass	Inf	21.945M	19.075M	21.78M	19.185M
5240MHz	Pass	Inf	27.995M	19.13M	35.035M	19.46M
5260MHz	Pass	Inf	21.89M	19.13M	21.78M	19.185M
5300MHz	Pass	Inf	22.165M	19.24M	21.56M	19.075M
5320MHz	Pass	Inf	25.025M	19.24M	23.21M	19.24M
5500MHz	Pass	Inf	26.345M	19.35M	26.73M	19.13M
5580MHz	Pass	Inf	21.56M	19.02M	24.64M	19.13M
5700MHz	Pass	Inf	21.505M	19.13M	21.065M	19.075M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.225M	14.663M	20.28M	14.663M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	5.217M	4.26M	7.796M
5745MHz	Pass	500k	17.875M	26.992M	17.545M	26.662M
5785MHz	Pass	500k	18.975M	19.35M	18.425M	19.35M
5825MHz	Pass	500k	18.425M	19.515M	18.04M	19.625M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	54.34M	38.151M	53.13M	38.261M
5230MHz	Pass	Inf	46.2M	38.041M	55.11M	38.041M
5270MHz	Pass	Inf	40.81M	37.931M	40.81M	38.041M
5310MHz	Pass	Inf	54.89M	38.151M	55.22M	38.151M
5510MHz	Pass	Inf	52.14M	38.151M	53.35M	38.151M
5550MHz	Pass	Inf	40.81M	37.931M	43.01M	37.931M
5670MHz	Pass	Inf	40.92M	37.821M	40.59M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	54.775M	34.178M	52.255M	34.458M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.5M	21.709M	3.82M	25.227M
5755MHz	Pass	500k	36.85M	38.481M	37.29M	38.921M
5795MHz	Pass	500k	37.4M	38.151M	37.29M	38.371M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.24M	77.401M	86.46M	77.401M
5290MHz	Pass	Inf	85.8M	77.401M	86.9M	77.401M
5530MHz	Pass	Inf	86.9M	77.621M	82.28M	77.181M
5610MHz	Pass	Inf	89.1M	77.181M	87.78M	77.181M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	94.425M	73.313M	93.675M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	29.905M	3.24M	32.604M
5775MHz	Pass	500k	76.34M	77.401M	76.12M	77.401M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.72M	78.281M	83.2M	78.121M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.64M	78.361M	86.96M	78.201M
5570MHz	Pass	Inf	164.12M	157.001M	165M	156.562M

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

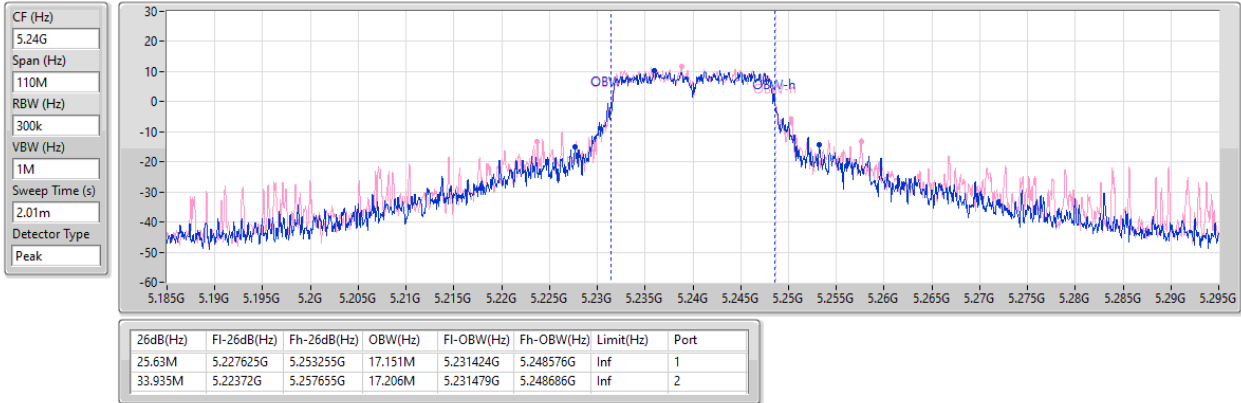
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

31/01/2026

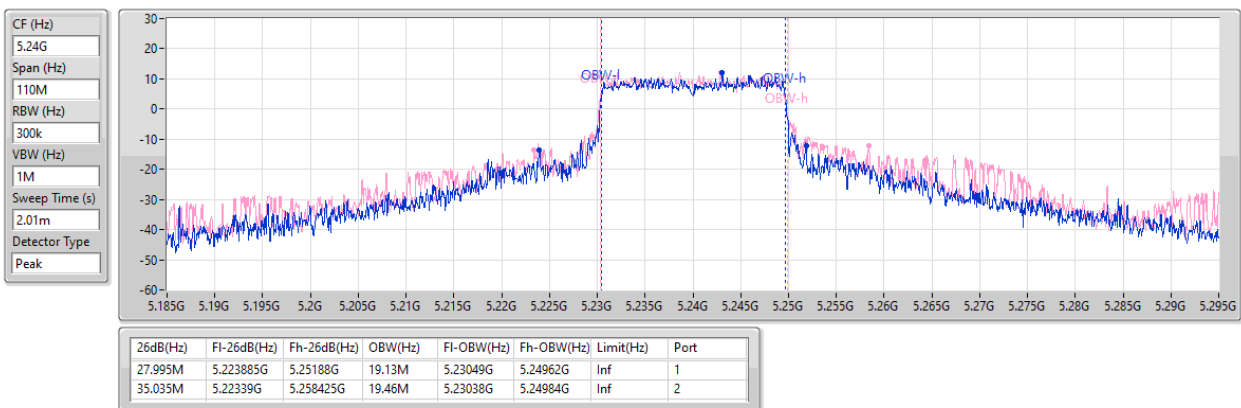


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

31/01/2026

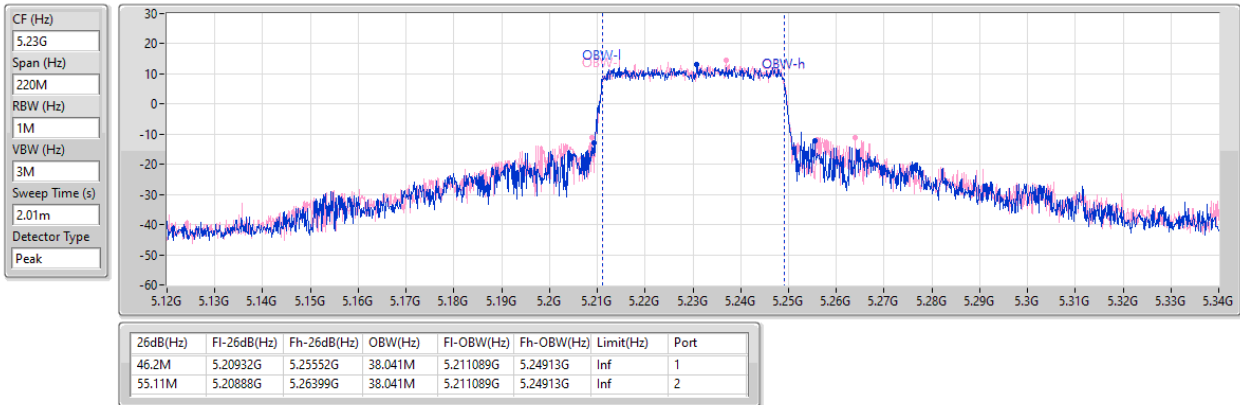


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

31/01/2026

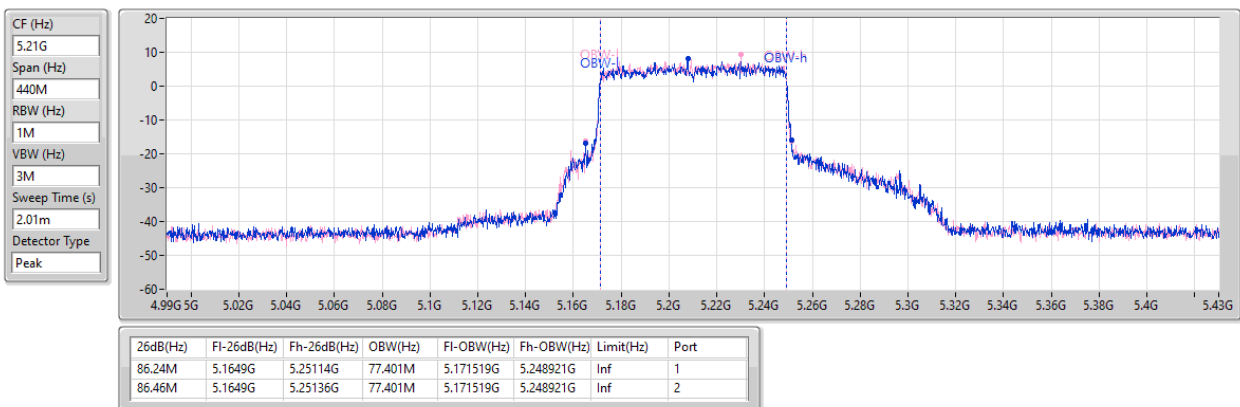


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

31/01/2026

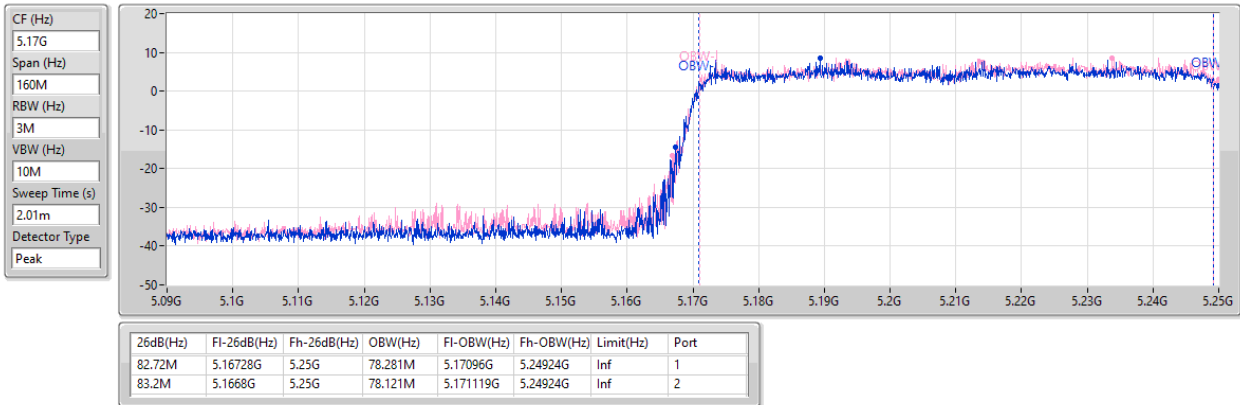


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

31/01/2026

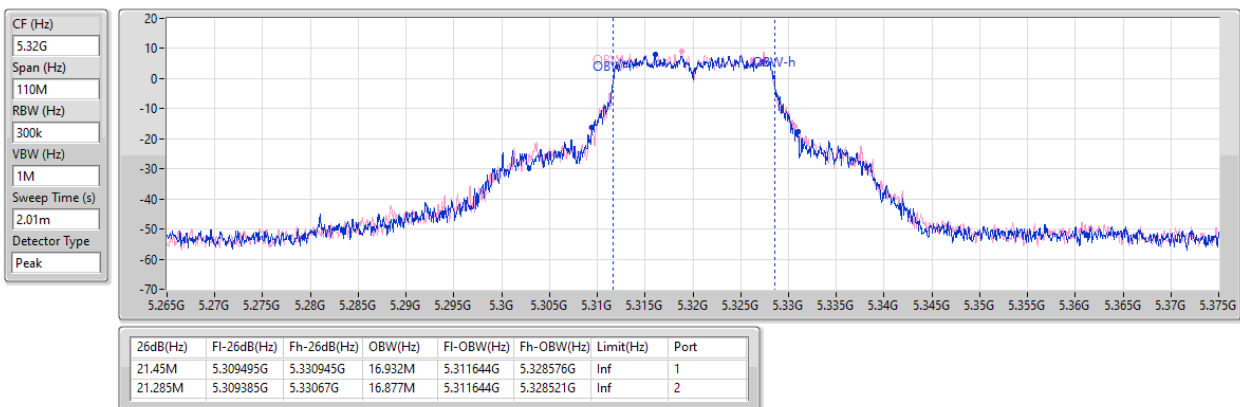


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

01/02/2026

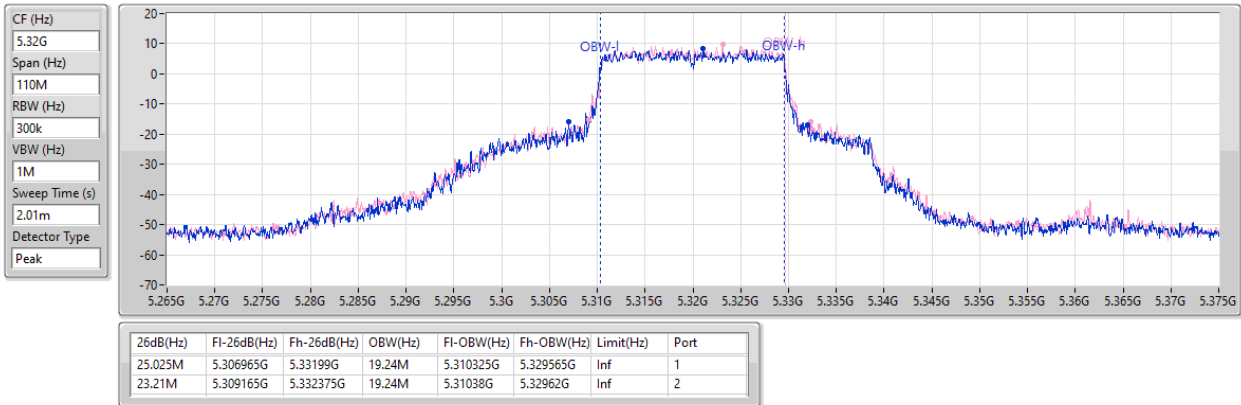


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

01/02/2026

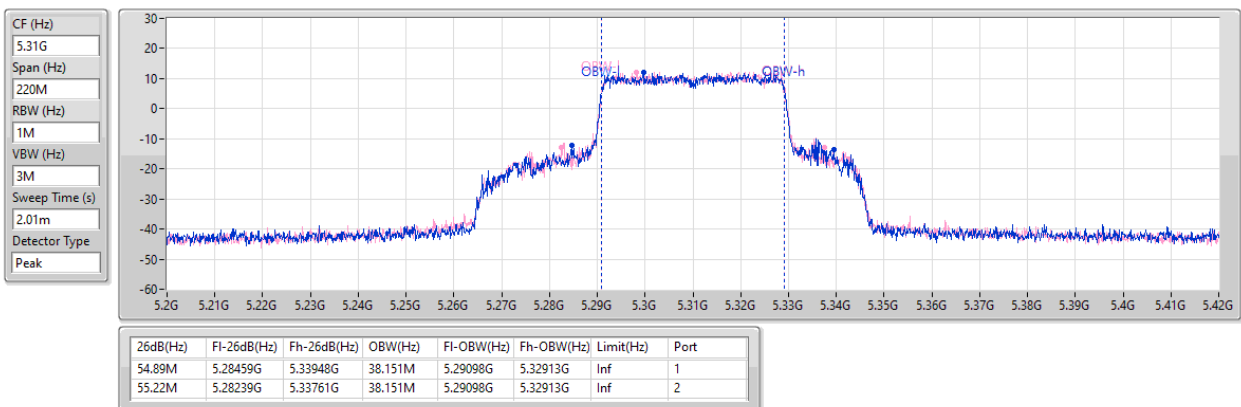


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

31/01/2026

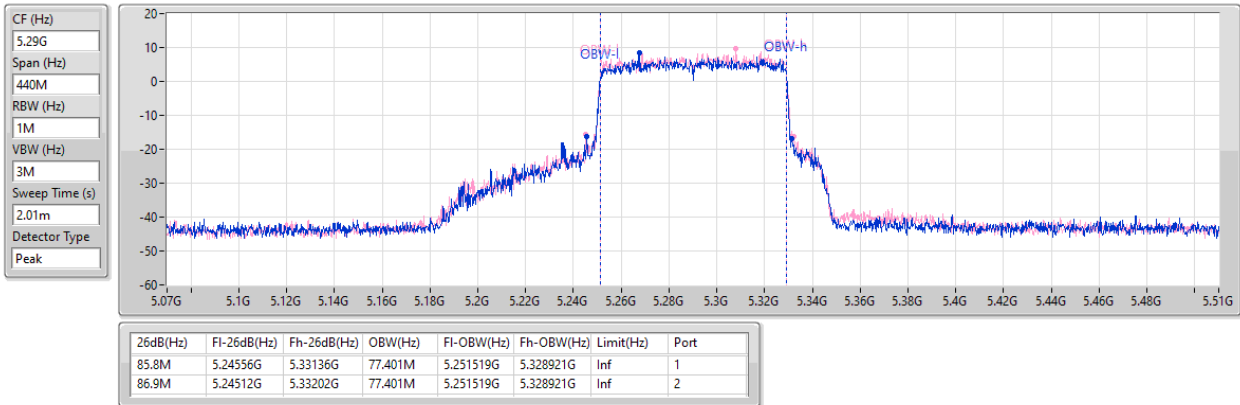


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

31/01/2026

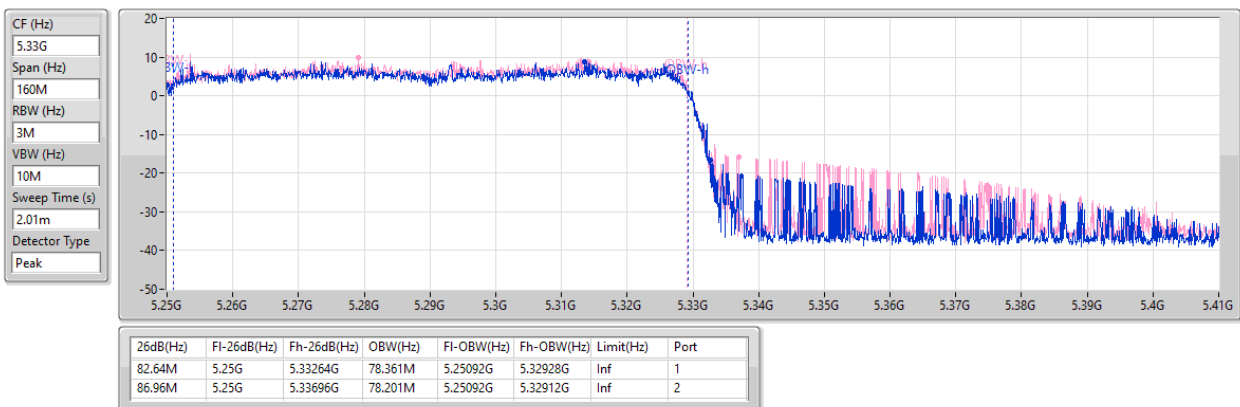


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

31/01/2026

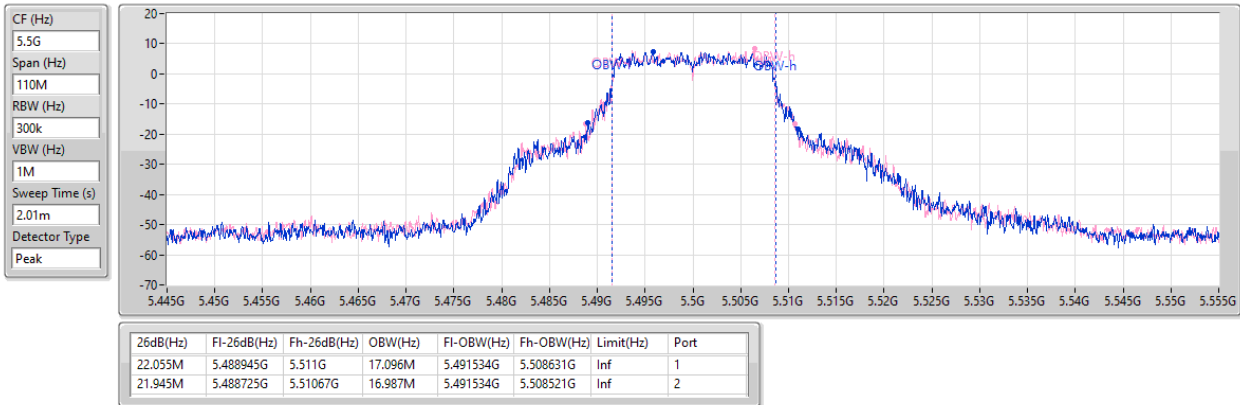


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

01/02/2026

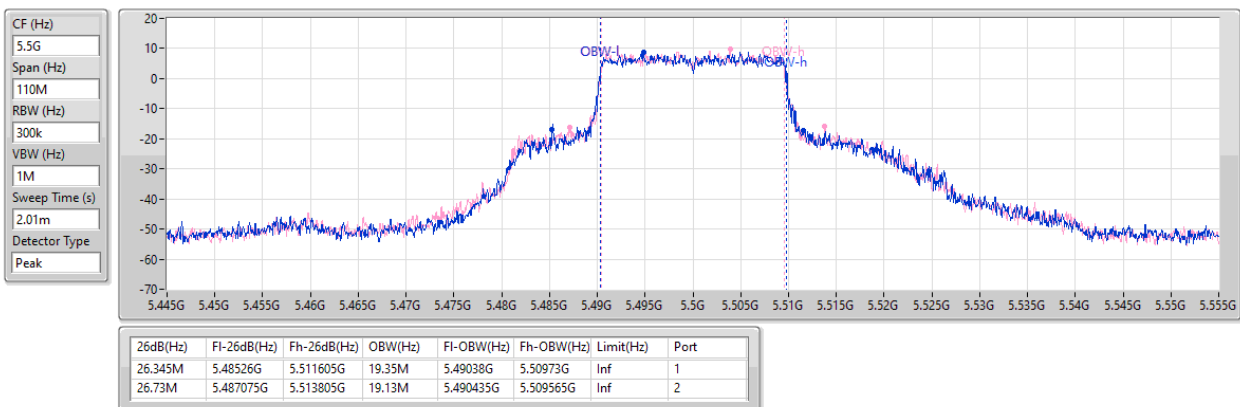


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

01/02/2026



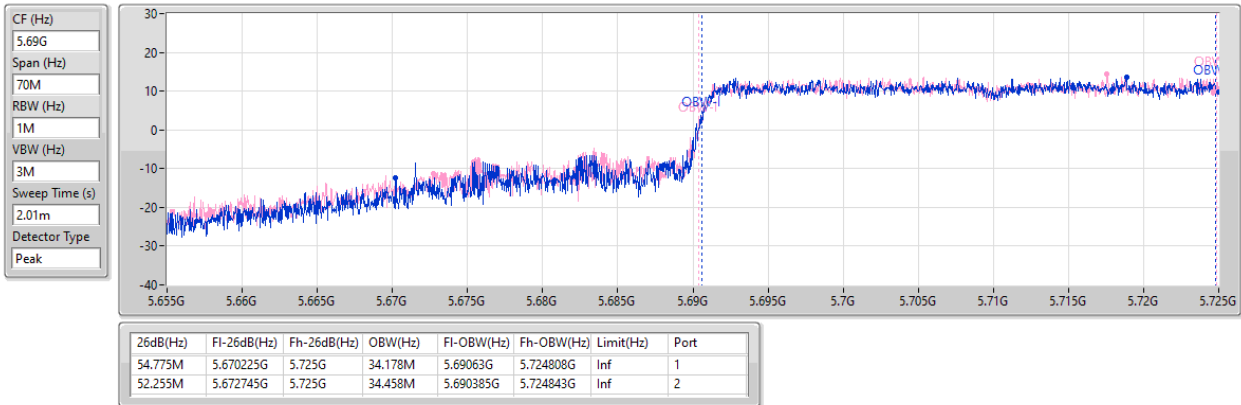


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

01/02/2026

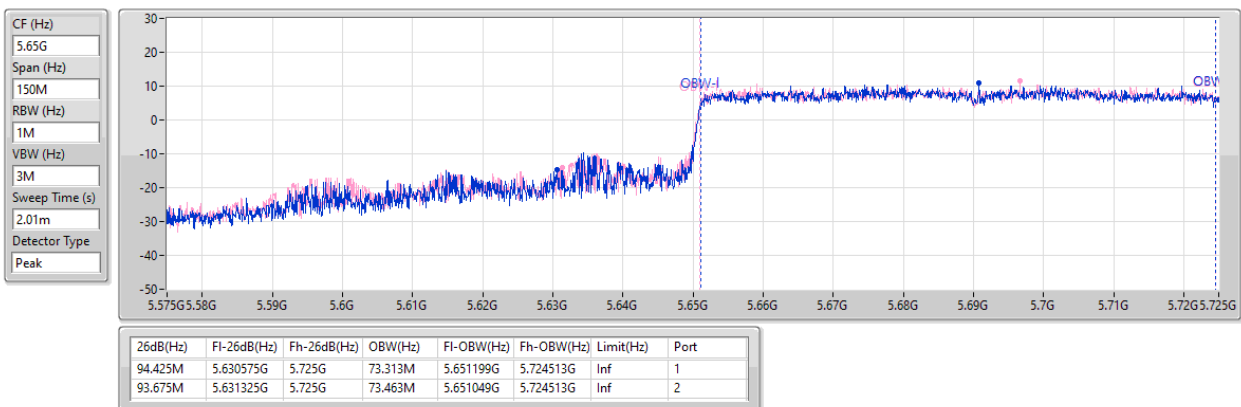


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

31/01/2026

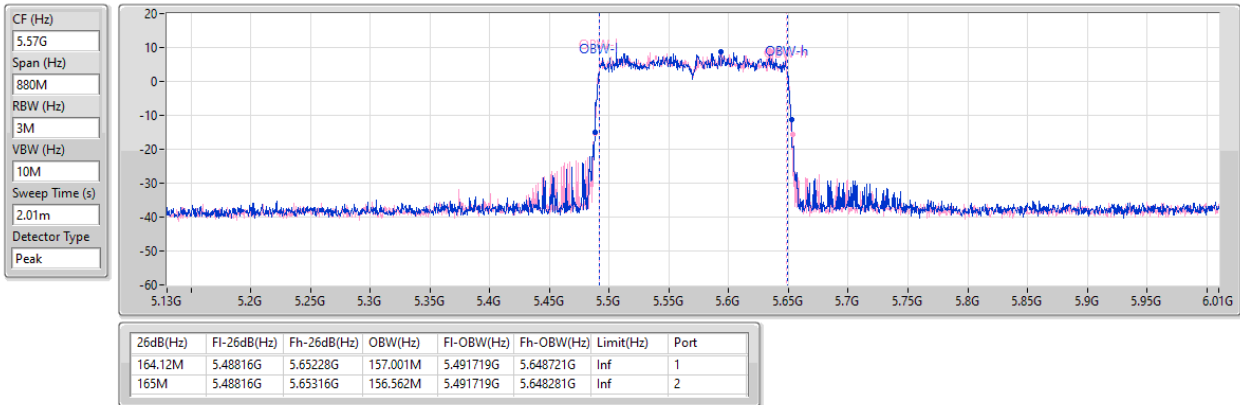


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

31/01/2026

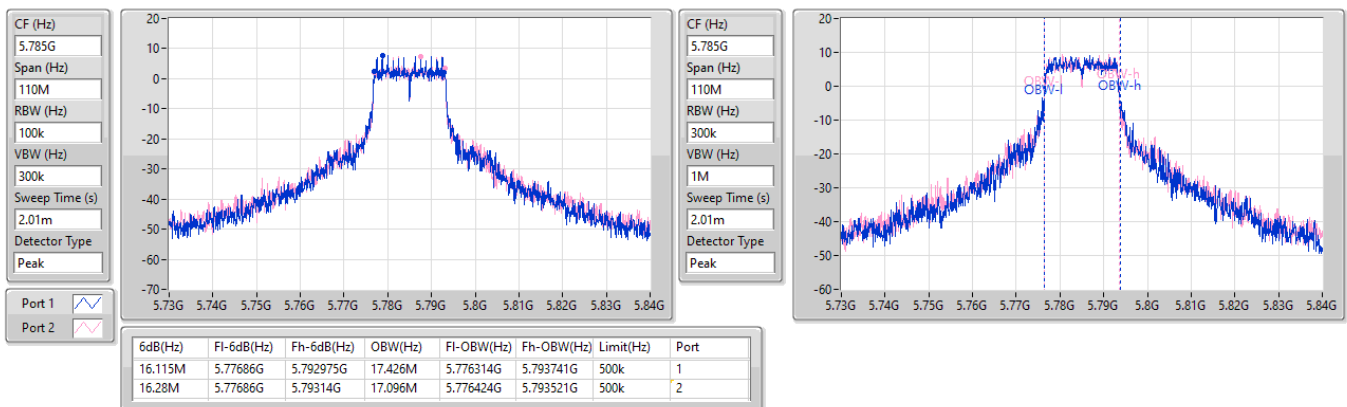


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

31/01/2026

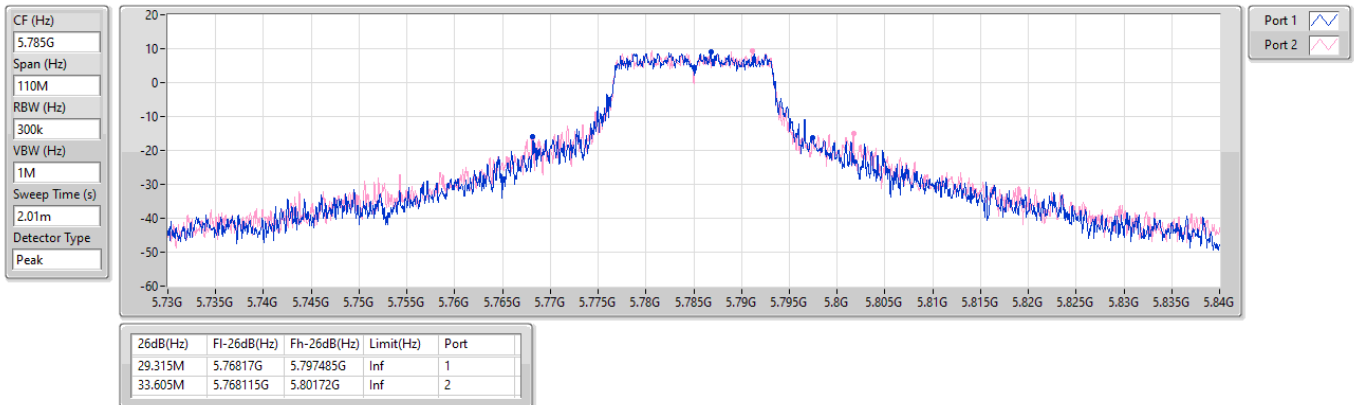


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

31/01/2026

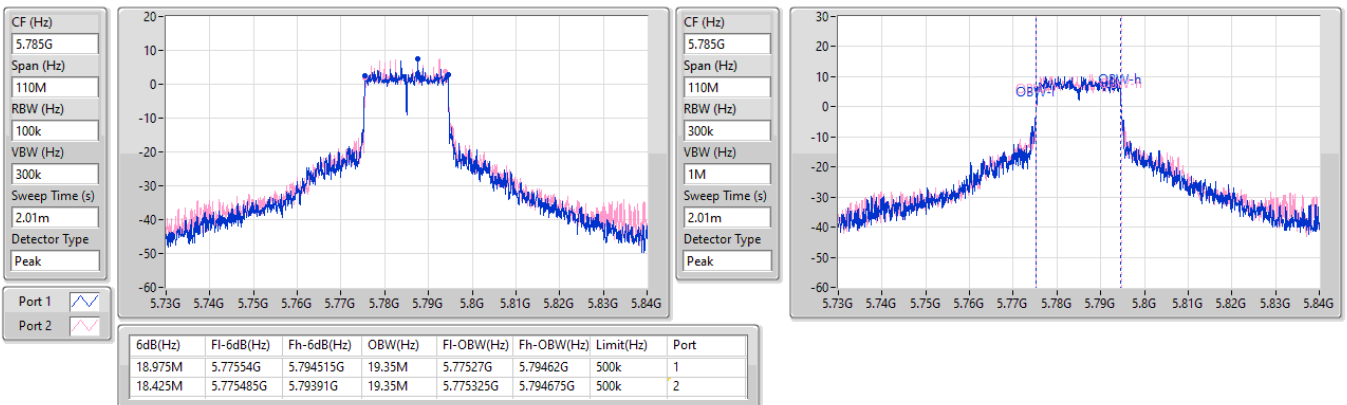


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

31/01/2026

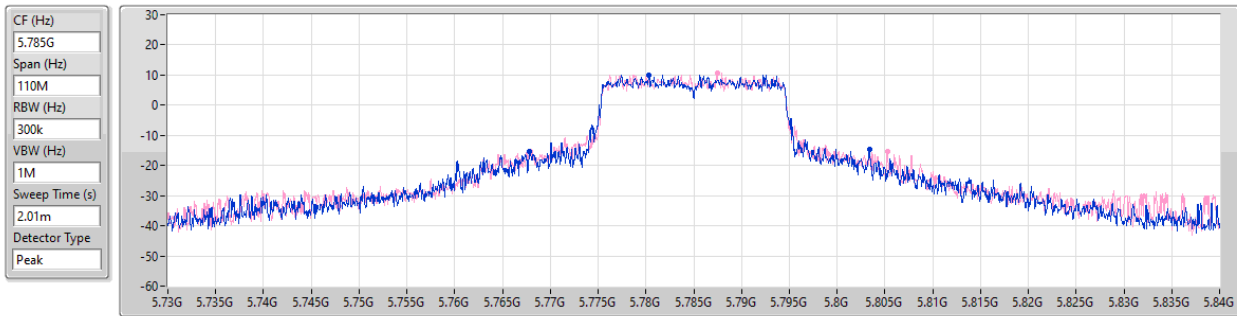


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

31/01/2026



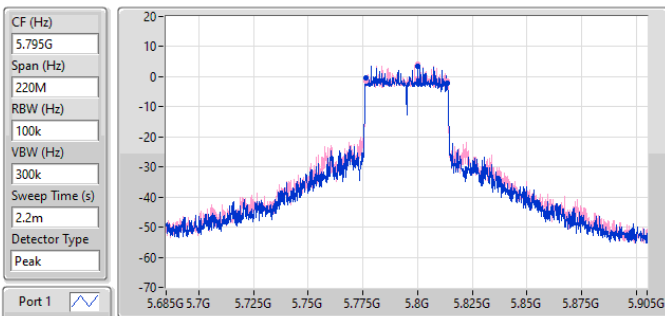
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.64M	5.767785G	5.803425G	Inf	1
37.29M	5.76795G	5.80524G	Inf	2

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

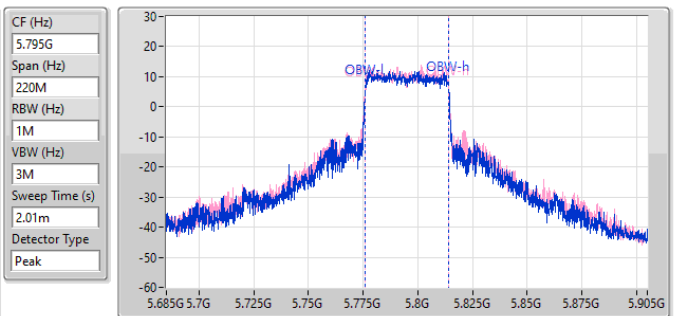
EBW

5795MHz

31/01/2026



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	5.77619G	5.81359G	38.151M	5.77598G	5.81413G	500k	1
37.29M	5.77641G	5.8137G	38.371M	5.77587G	5.81424G	500k	2

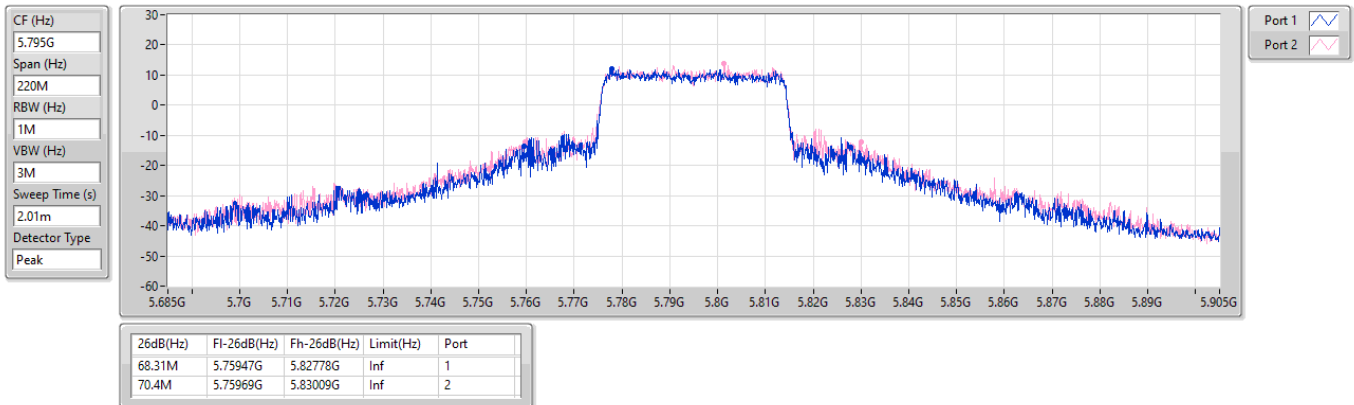


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

31/01/2026

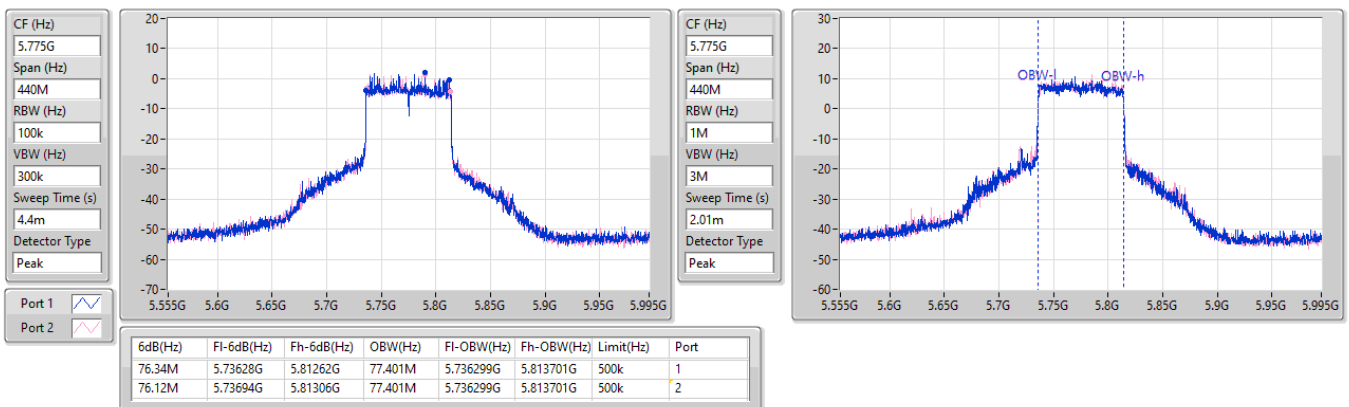


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

31/01/2026



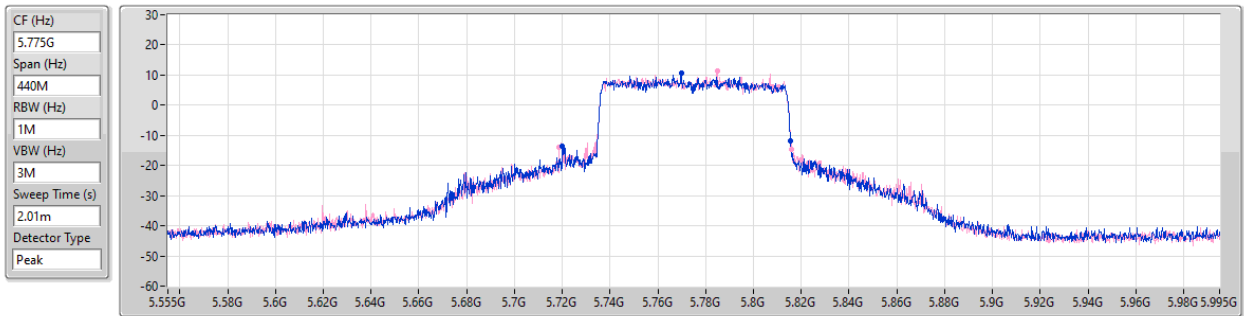


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

31/01/2026



26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
95.48M	5.72G	5.81548G	Inf	1
97.24M	5.71868G	5.81592G	Inf	2



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.31M	19.24M	19M2D1D	21.065M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	49.06M	38.151M	38M2D1D	41.47M	37.931M
802.11be EHT80_Nss2,(MCS0)_2TX	84.92M	77.401M	77M4D1D	81.84M	77.401M
802.11be EHT160_Nss2,(MCS0)_2TX	82.72M	78.201M	78M2D1D	82.72M	78.201M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.39M	19.24M	19M2D1D	21.835M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	46.86M	38.151M	38M2D1D	40.81M	37.931M
802.11be EHT80_Nss2,(MCS0)_2TX	86.24M	77.401M	77M4D1D	83.16M	77.401M
802.11be EHT160_Nss2,(MCS0)_2TX	82.96M	78.201M	78M2D1D	82.56M	78.121M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	33.55M	19.185M	19M2D1D	20.955M	14.633M
802.11be EHT40_Nss2,(MCS0)_2TX	53.76M	38.261M	38M3D1D	40.48M	34.213M
802.11be EHT80_Nss2,(MCS0)_2TX	103.575M	77.401M	77M4D1D	80.52M	73.313M
802.11be EHT160_Nss2,(MCS0)_2TX	165.44M	157.441M	157MD1D	165M	156.562M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	18.975M	28.421M	28M4D1D	4.44M	8.276M
802.11be EHT40_Nss2,(MCS0)_2TX	37.73M	39.47M	39M5D1D	3.72M	22.769M
802.11be EHT80_Nss2,(MCS0)_2TX	76.34M	77.401M	77M4D1D	3.62M	32.424M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.375M	19.13M	22.44M	19.13M
5200MHz	Pass	Inf	21.065M	19.075M	21.23M	19.185M
5240MHz	Pass	Inf	22.77M	19.075M	24.31M	19.24M
5260MHz	Pass	Inf	22.44M	19.13M	23.1M	19.24M
5300MHz	Pass	Inf	21.835M	19.075M	27.39M	19.13M
5320MHz	Pass	Inf	23.155M	19.075M	22.55M	19.185M
5500MHz	Pass	Inf	21.835M	19.185M	23.595M	19.185M
5580MHz	Pass	Inf	24.53M	19.185M	33.55M	19.185M
5700MHz	Pass	Inf	21.725M	19.185M	20.955M	19.13M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.945M	14.633M	24.885M	14.813M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	8.276M	4.52M	11.074M
5745MHz	Pass	500k	16.94M	28.421M	18.04M	28.366M
5785MHz	Pass	500k	18.975M	19.185M	17.875M	19.295M
5825MHz	Pass	500k	18.37M	19.35M	18.26M	19.46M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	49.06M	38.151M	44.55M	38.151M
5230MHz	Pass	Inf	45.1M	37.931M	41.47M	38.041M
5270MHz	Pass	Inf	40.81M	38.041M	41.47M	37.931M
5310MHz	Pass	Inf	46.86M	38.151M	44.44M	38.041M
5510MHz	Pass	Inf	41.36M	38.151M	45.32M	38.261M
5550MHz	Pass	Inf	41.47M	37.931M	40.7M	37.931M
5670MHz	Pass	Inf	40.48M	37.931M	40.81M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.76M	34.213M	51.765M	34.493M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	22.769M	3.92M	25.887M
5755MHz	Pass	500k	37.73M	38.371M	36.63M	39.47M
5795MHz	Pass	500k	36.96M	38.261M	37.4M	38.261M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.92M	77.401M	81.84M	77.401M
5290MHz	Pass	Inf	86.24M	77.401M	83.16M	77.401M
5530MHz	Pass	Inf	82.5M	77.401M	81.84M	77.181M
5610MHz	Pass	Inf	80.52M	77.181M	81.4M	77.181M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	103.575M	73.313M	101.85M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.62M	32.424M	3.82M	34.683M
5775MHz	Pass	500k	76.34M	77.401M	75.24M	77.181M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.72M	78.201M	82.72M	78.201M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	78.121M	82.96M	78.201M
5570MHz	Pass	Inf	165.44M	156.562M	165M	157.441M

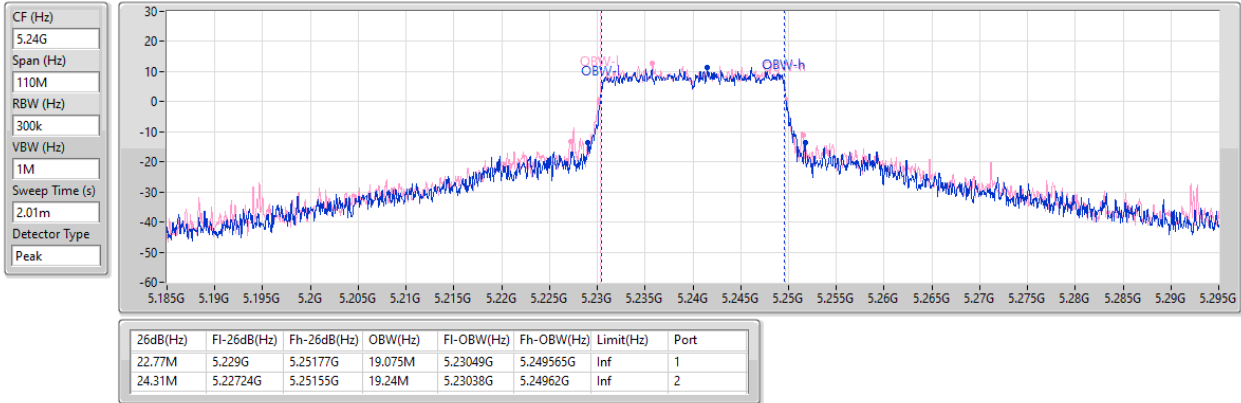
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

31/01/2026

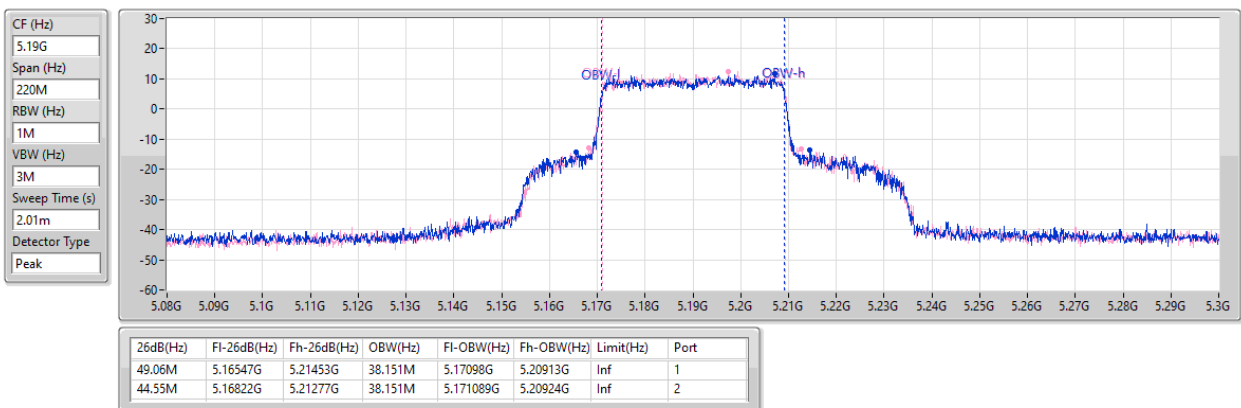


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

31/01/2026

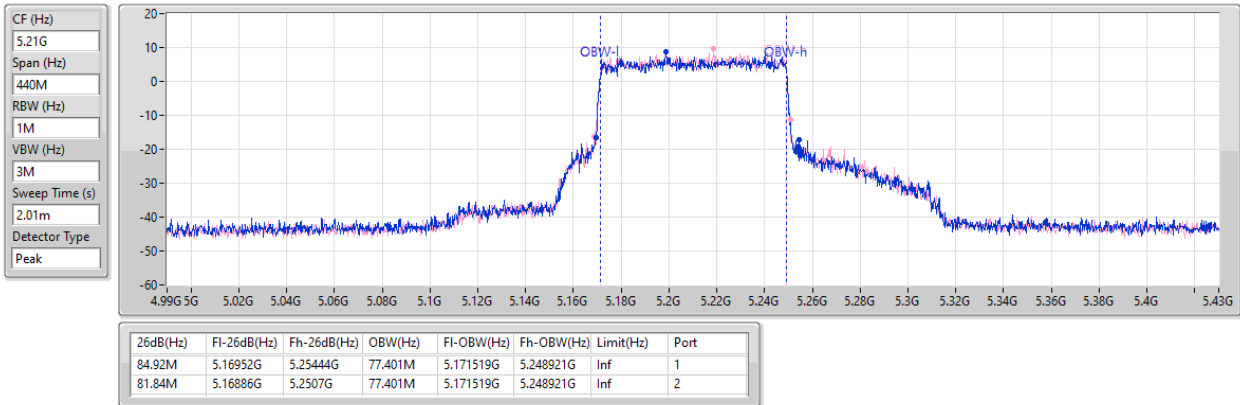


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

31/01/2026

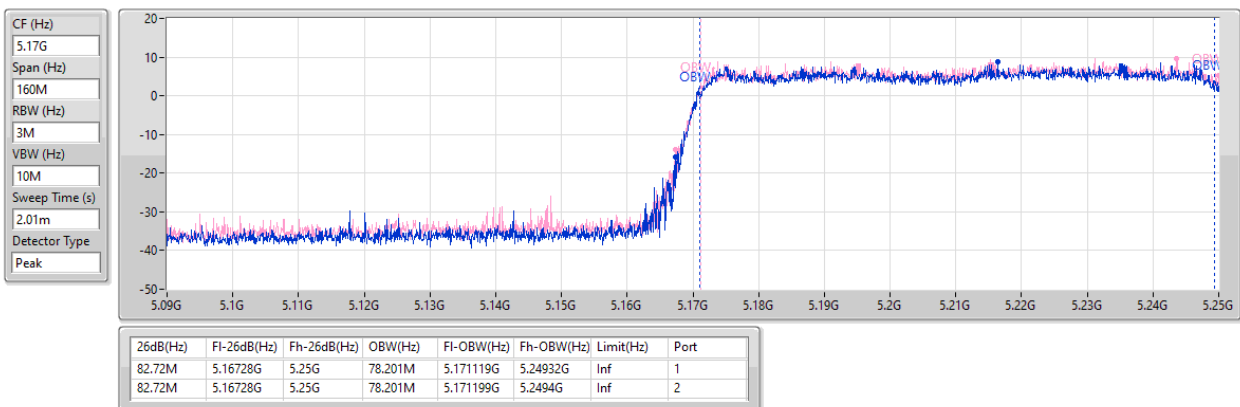


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

31/01/2026

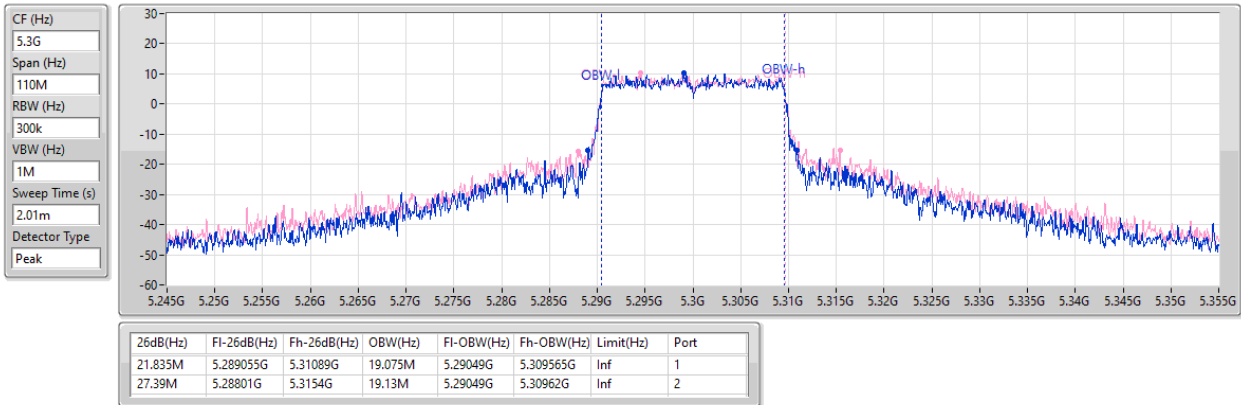


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

31/01/2026

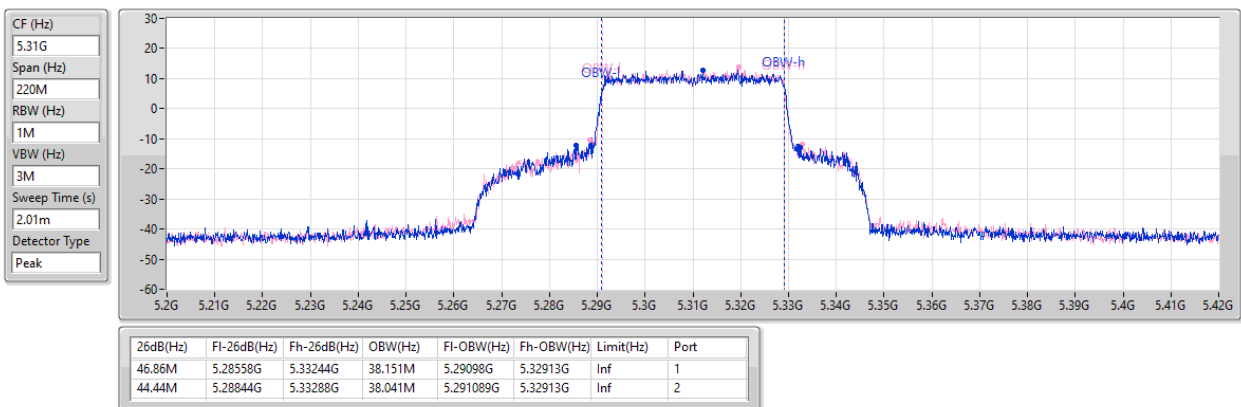


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

31/01/2026

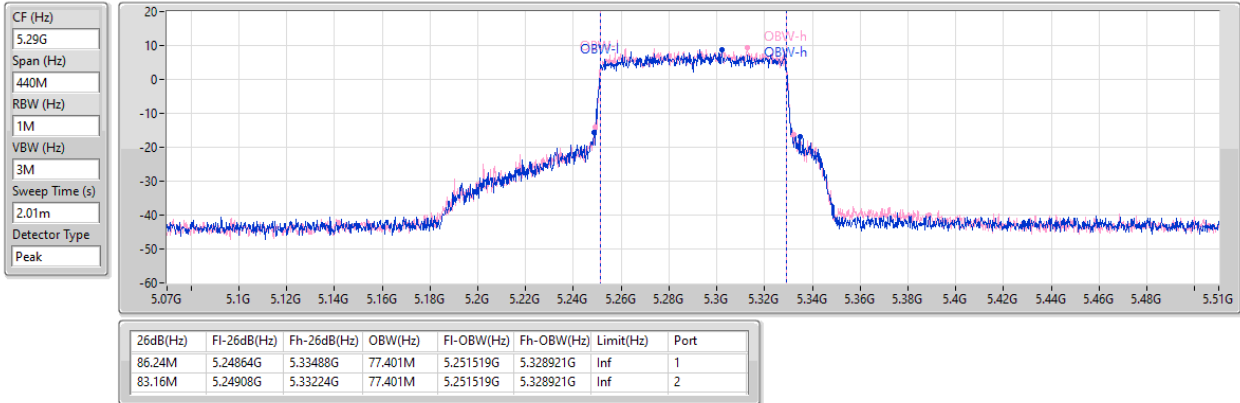


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

31/01/2026

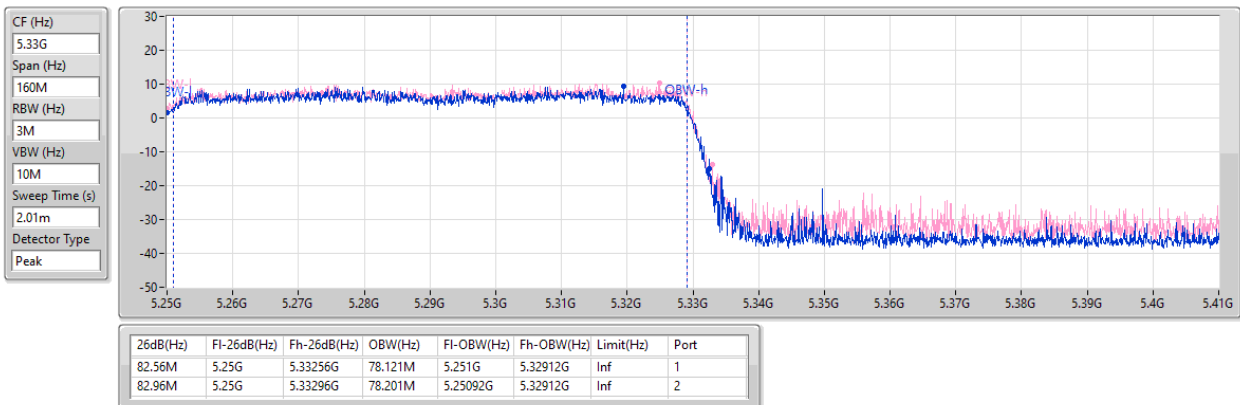


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

31/01/2026

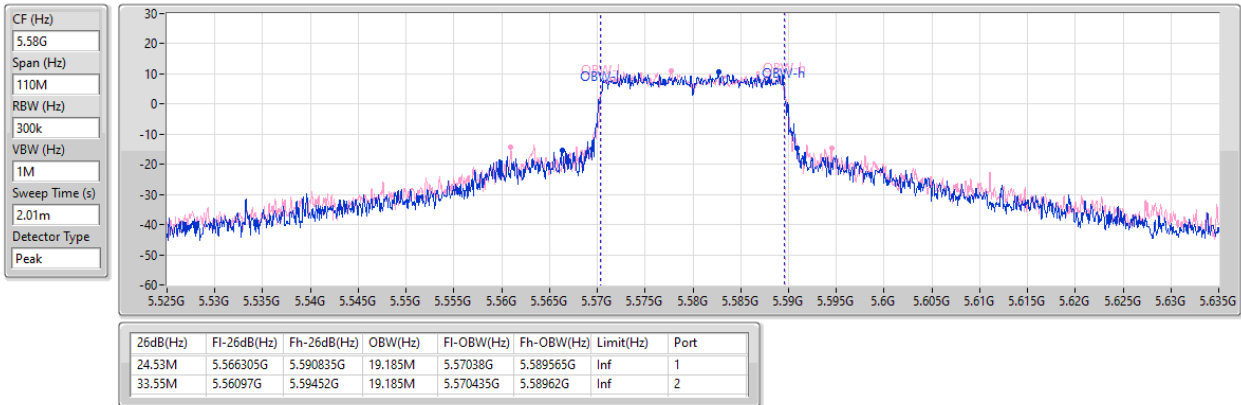


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

31/01/2026

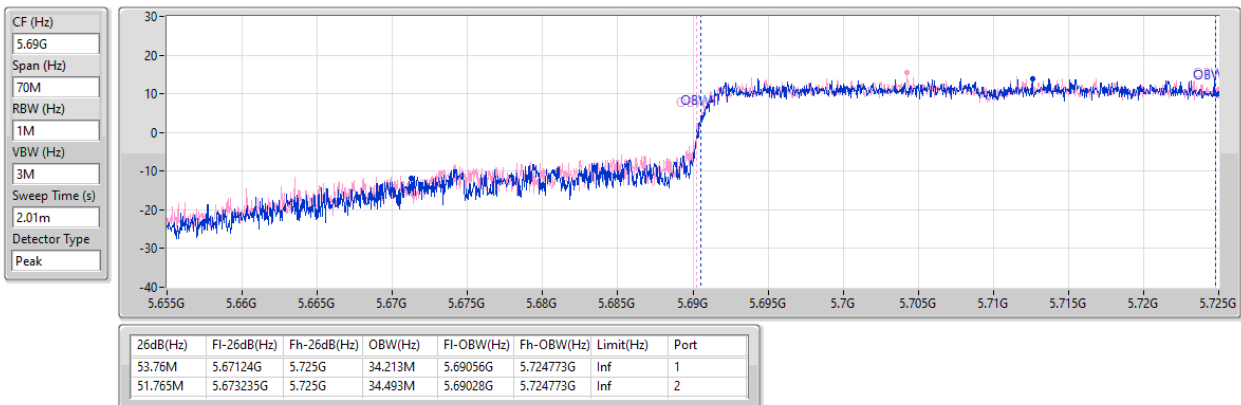


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

01/02/2026

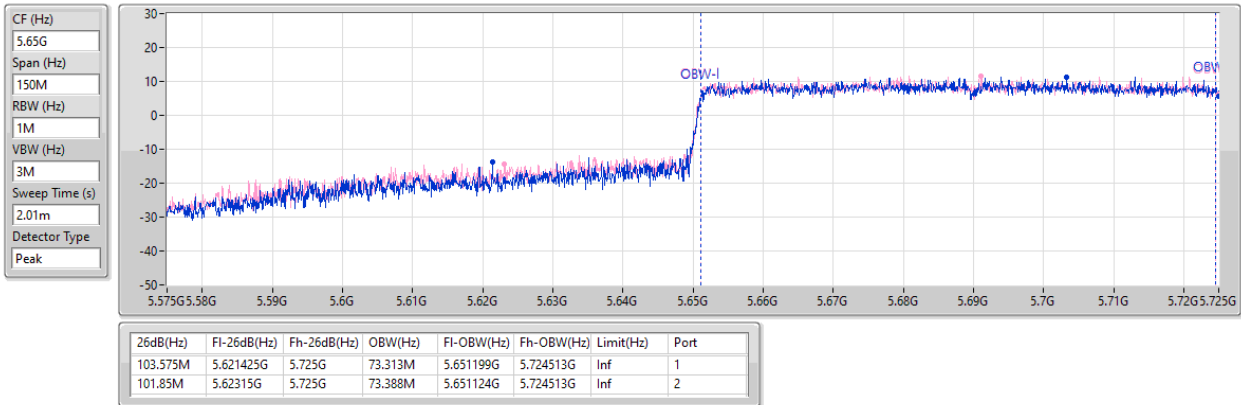


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

31/01/2026

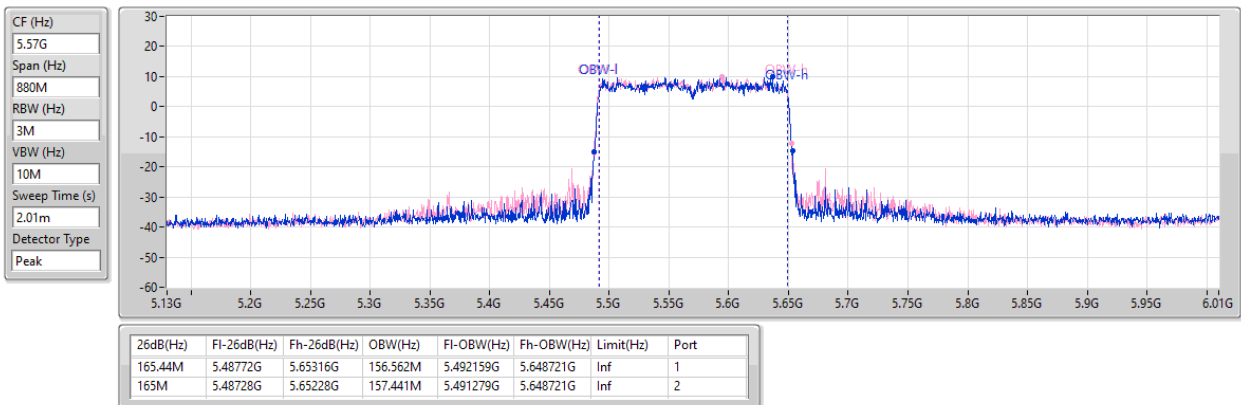


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

31/01/2026

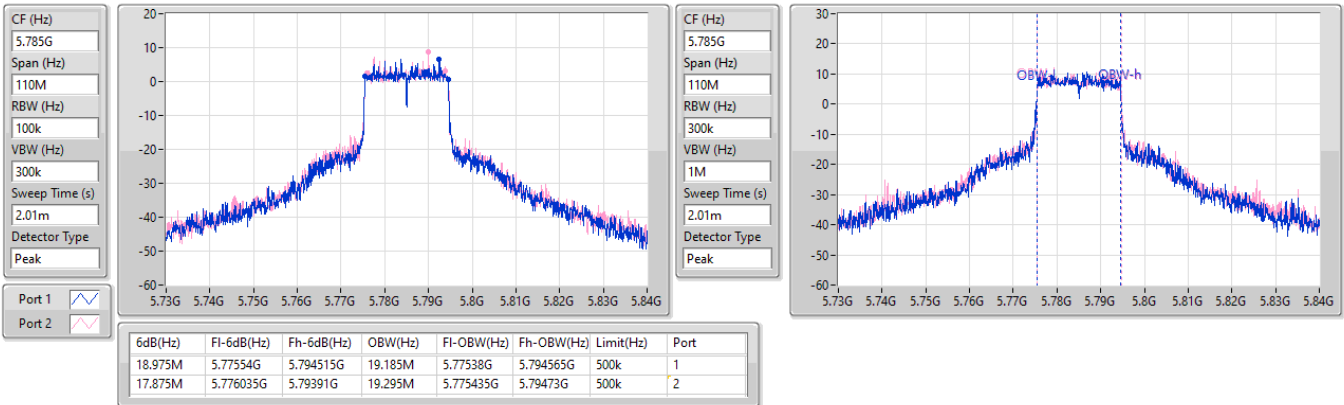


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5785MHz

31/01/2026

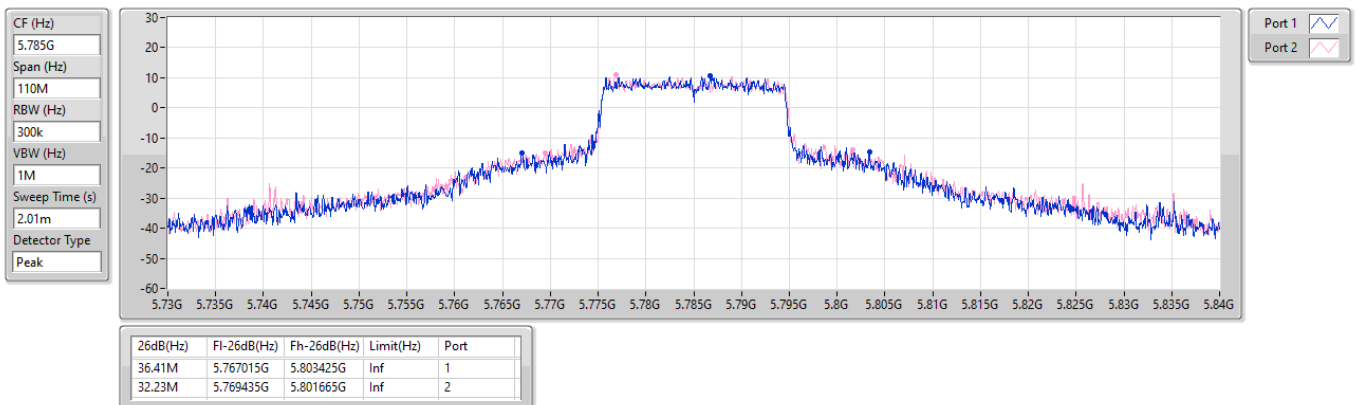


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5785MHz

31/01/2026

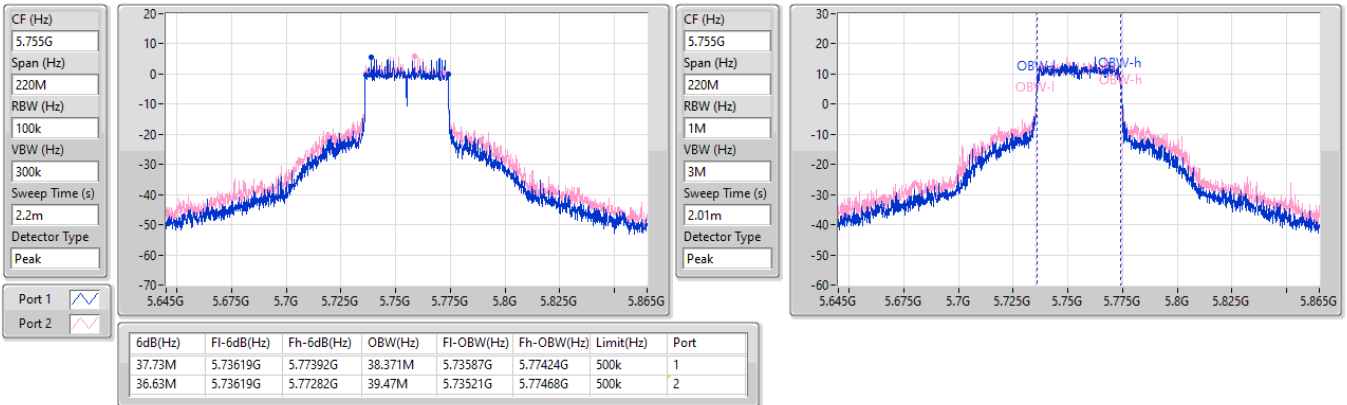


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

31/01/2026

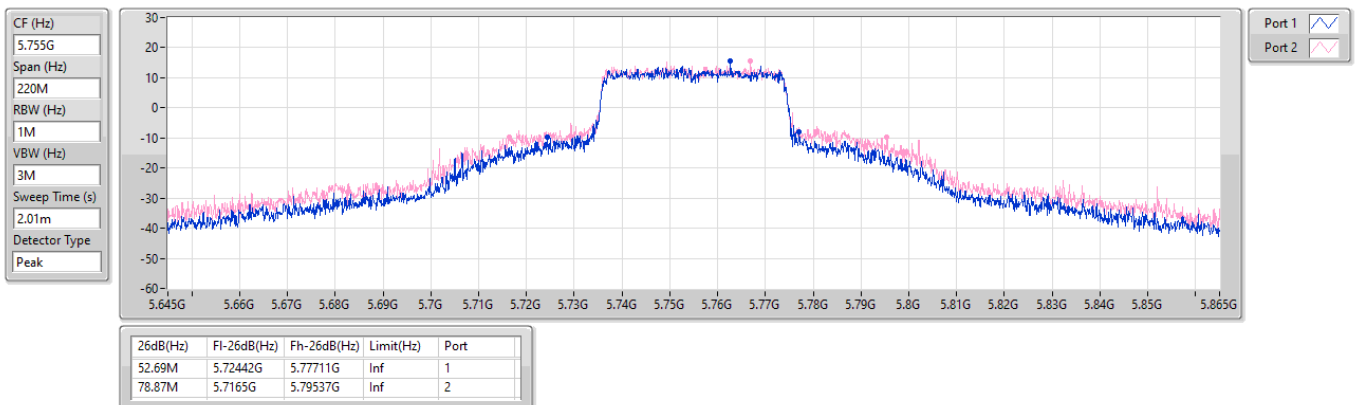


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

31/01/2026

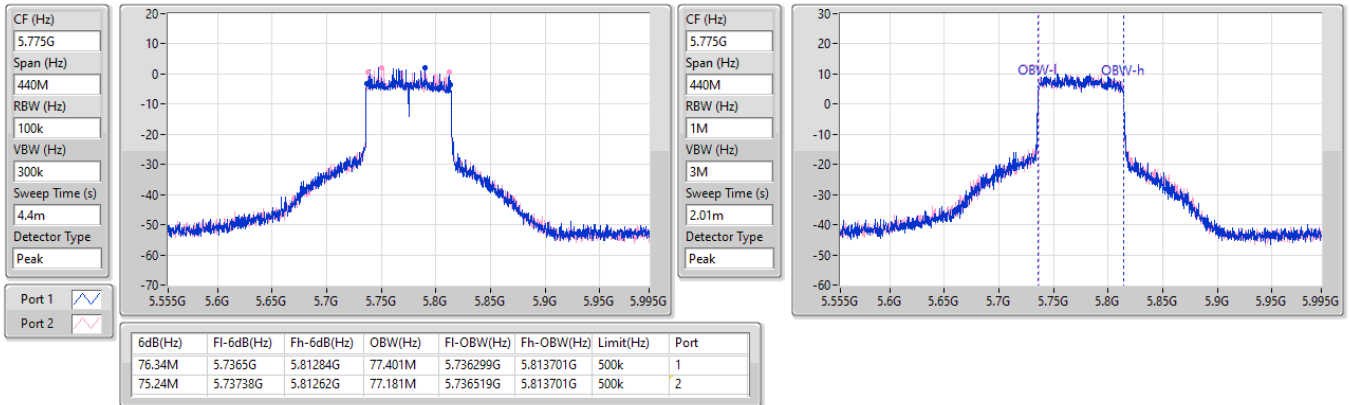


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

31/01/2026

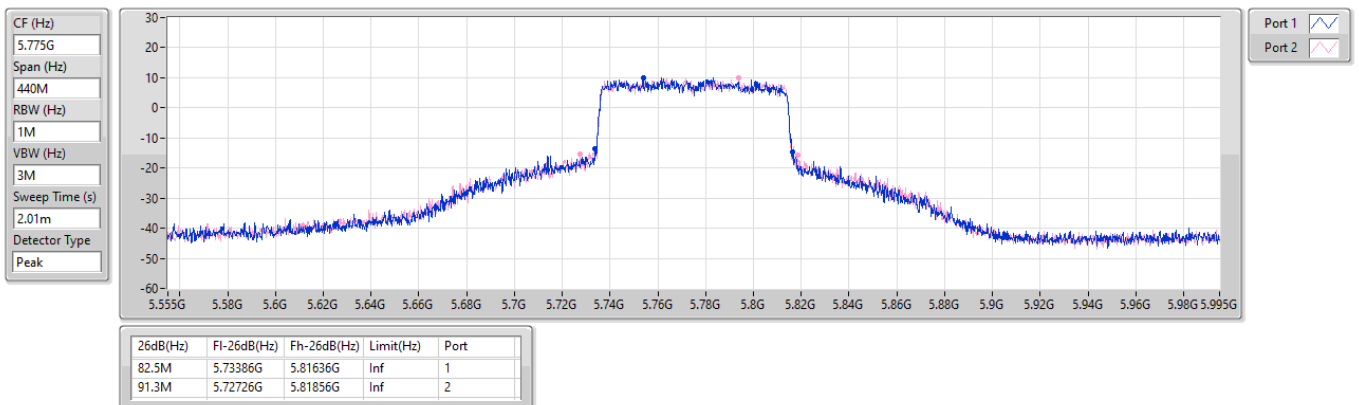


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

31/01/2026





**EBW_Non-Beamforming_
Radio 2_Full RU_4T1S_AP5022S6D**

Appendix B.9

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	35.42M	17.096M	17M1D1D	20.845M	16.767M
802.11be EHT20_Nss1,(MCS0)_4TX	32.01M	19.515M	19M5D1D	21.175M	19.075M
802.11be EHT40_Nss1,(MCS0)_4TX	61.27M	38.261M	38M3D1D	40.48M	38.041M
802.11be EHT80_Nss1,(MCS0)_4TX	92.84M	77.841M	77M8D1D	85.36M	77.401M
802.11be EHT160_Nss1,(MCS0)_4TX	83.44M	78.281M	78M3D1D	82.24M	77.961M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.87M	17.151M	17M2D1D	20.79M	16.712M
802.11be EHT20_Nss1,(MCS0)_4TX	28.71M	19.24M	19M2D1D	21.12M	19.02M
802.11be EHT40_Nss1,(MCS0)_4TX	55.99M	38.261M	38M3D1D	40.7M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	97.24M	77.401M	77M4D1D	81.4M	77.181M
802.11be EHT160_Nss1,(MCS0)_4TX	83.2M	78.361M	78M4D1D	82.56M	78.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.22M	17.096M	17M1D1D	15.555M	13.388M
802.11be EHT20_Nss1,(MCS0)_4TX	25.355M	19.24M	19M2D1D	15.735M	14.498M
802.11be EHT40_Nss1,(MCS0)_4TX	54.78M	38.151M	38M2D1D	35.525M	33.793M
802.11be EHT80_Nss1,(MCS0)_4TX	92.85M	77.621M	77M6D1D	75.825M	73.088M
802.11be EHT160_Nss1,(MCS0)_4TX	165.44M	157.441M	157MD1D	164.12M	156.562M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.335M	30.07M	30M1D1D	3.14M	4.458M
802.11be EHT20_Nss1,(MCS0)_4TX	18.92M	29.575M	29M6D1D	4.22M	4.758M
802.11be EHT40_Nss1,(MCS0)_4TX	37.73M	39.25M	39M3D1D	3.7M	5.057M
802.11be EHT80_Nss1,(MCS0)_4TX	76.34M	77.401M	77M4D1D	3.26M	9.375M

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



EBW_Non-Beamforming Radio 2_Full RU_4T1S_AP5022S6D

Appendix B.9

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	21.725M	17.096M	21.725M	16.932M	21.945M	17.096M	21.23M	16.932M
5200MHz	Pass	Inf	21.23M	16.877M	21.285M	17.041M	20.845M	16.987M	21.285M	16.767M
5240MHz	Pass	Inf	21.285M	16.877M	21.615M	16.987M	35.42M	17.041M	20.955M	16.822M
5260MHz	Pass	Inf	20.79M	16.822M	21.12M	16.877M	21.23M	16.822M	20.955M	16.712M
5300MHz	Pass	Inf	21.23M	16.932M	21.01M	16.877M	21.34M	16.822M	21.01M	16.712M
5320MHz	Pass	Inf	20.79M	16.932M	22.385M	17.041M	23.87M	17.151M	21.835M	16.932M
5500MHz	Pass	Inf	22.22M	17.096M	21.835M	17.096M	21.725M	17.041M	21.56M	16.932M
5580MHz	Pass	Inf	21.56M	16.932M	21.01M	16.767M	21.12M	16.657M	20.9M	16.767M
5700MHz	Pass	Inf	21.23M	16.877M	20.955M	16.822M	20.625M	16.877M	21.065M	16.767M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.585M	13.538M	15.87M	13.433M	15.585M	13.388M	15.555M	13.418M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.458M	3.16M	4.578M	3.16M	4.578M	3.14M	4.498M
5745MHz	Pass	500k	15.455M	18.526M	15.015M	19.625M	14.795M	30.07M	15.455M	18.581M
5785MHz	Pass	500k	16.28M	16.987M	16.335M	17.096M	16.28M	17.591M	16.335M	16.987M
5825MHz	Pass	500k	16.28M	17.151M	16.28M	17.096M	16.28M	18.526M	16.28M	17.096M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.53M	19.185M	22M	19.295M	25.905M	19.13M	22.715M	19.24M
5200MHz	Pass	Inf	21.945M	19.185M	21.56M	19.075M	21.505M	19.185M	21.615M	19.13M
5240MHz	Pass	Inf	21.175M	19.075M	21.89M	19.13M	32.01M	19.515M	27.72M	19.13M
5260MHz	Pass	Inf	22M	19.075M	21.725M	19.185M	21.285M	19.075M	21.12M	19.02M
5300MHz	Pass	Inf	21.395M	19.075M	21.23M	19.185M	21.615M	19.02M	21.34M	19.13M
5320MHz	Pass	Inf	24.145M	19.185M	25.85M	19.24M	25.025M	19.13M	28.71M	19.13M
5500MHz	Pass	Inf	23.485M	19.185M	22.935M	19.24M	25.355M	19.185M	24.255M	19.185M
5580MHz	Pass	Inf	21.56M	19.075M	21.725M	19.02M	21.285M	19.13M	21.615M	19.02M
5700MHz	Pass	Inf	22M	19.02M	21.505M	19.075M	21.615M	19.075M	21.12M	19.075M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.005M	14.573M	16.095M	14.498M	16.215M	14.573M	15.735M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.22M	4.918M	4.44M	4.758M	4.52M	4.998M	4.48M	4.878M
5745MHz	Pass	500k	18.15M	19.405M	18.095M	19.735M	18.535M	29.575M	18.205M	19.735M
5785MHz	Pass	500k	18.92M	19.185M	18.425M	19.185M	18.645M	19.515M	18.865M	19.24M
5825MHz	Pass	500k	18.92M	19.24M	18.92M	19.185M	18.7M	20.78M	18.755M	19.295M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	54.12M	38.261M	53.46M	38.151M	61.27M	38.151M	54.23M	38.151M
5230MHz	Pass	Inf	40.7M	38.041M	41.03M	38.041M	57.31M	38.151M	40.48M	38.041M
5270MHz	Pass	Inf	41.69M	37.931M	41.25M	37.931M	40.92M	38.041M	40.7M	37.931M
5310MHz	Pass	Inf	55.99M	38.151M	53.02M	38.151M	54.01M	38.151M	53.9M	38.261M
5510MHz	Pass	Inf	54.78M	38.041M	52.14M	38.151M	51.37M	38.151M	54.34M	38.151M
5550MHz	Pass	Inf	41.03M	37.821M	41.36M	37.931M	40.92M	37.931M	40.92M	38.041M
5670MHz	Pass	Inf	41.25M	37.821M	41.14M	37.931M	40.48M	37.931M	40.37M	37.821M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.98M	33.793M	35.805M	33.968M	41.72M	33.968M	35.525M	33.898M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	5.057M	3.9M	6.817M	4M	16.652M	3.7M	12.454M
5755MHz	Pass	500k	37.29M	38.261M	36.63M	38.371M	36.96M	39.25M	36.96M	38.371M
5795MHz	Pass	500k	36.96M	38.261M	37.4M	38.151M	37.07M	38.261M	37.73M	38.151M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87.34M	77.841M	92.84M	77.401M	88.22M	77.401M	85.36M	77.401M
5290MHz	Pass	Inf	97.24M	77.401M	81.4M	77.401M	86.46M	77.401M	89.32M	77.181M
5530MHz	Pass	Inf	87.12M	77.401M	86.46M	77.181M	82.5M	77.621M	86.46M	77.181M
5610MHz	Pass	Inf	81.4M	77.181M	80.52M	77.401M	91.52M	77.401M	80.96M	77.401M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.825M	73.163M	75.825M	73.238M	92.85M	73.238M	75.825M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	9.375M	3.66M	14.533M	3.72M	21.109M	3.9M	14.613M
5775MHz	Pass	500k	75.46M	77.401M	76.34M	77.401M	76.34M	77.401M	75.46M	76.962M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.44M	78.201M	82.24M	78.281M	82.56M	78.281M	82.32M	77.961M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.2M	78.121M	83.2M	78.121M	82.72M	78.361M	82.56M	78.201M
5570MHz	Pass	Inf	164.12M	156.562M	165M	156.562M	165M	157.001M	165.44M	157.441M

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

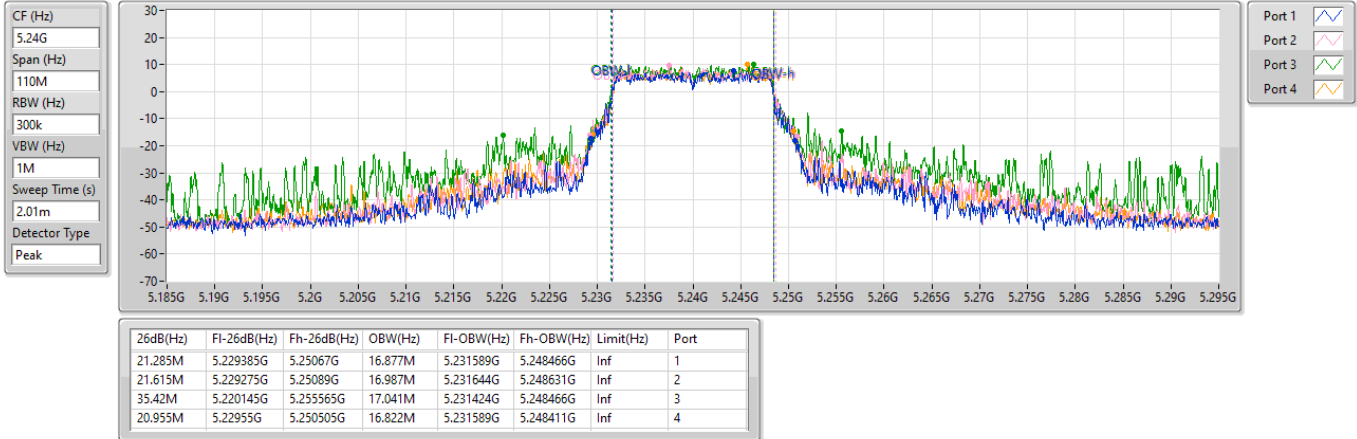
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

01/02/2026

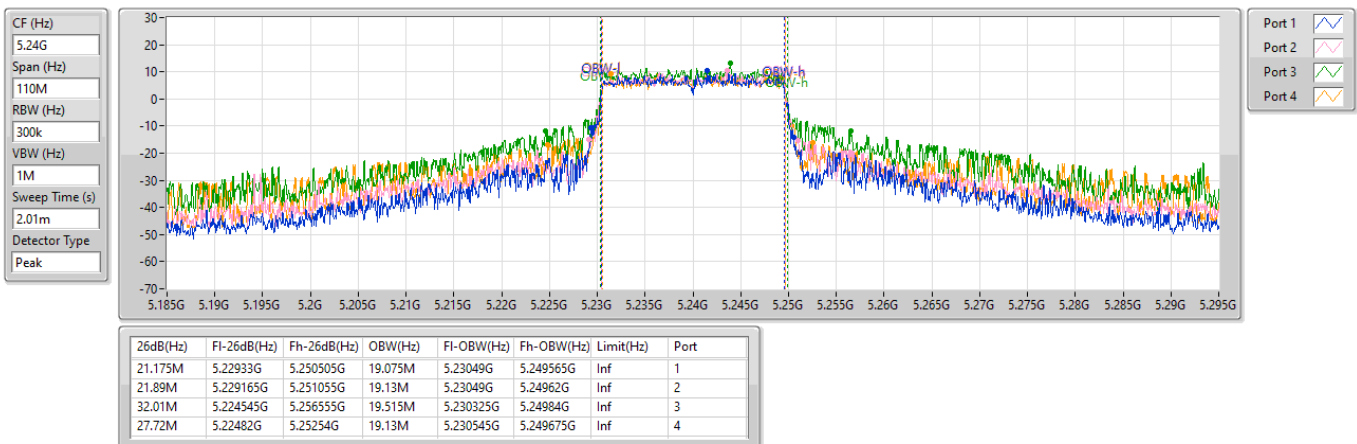


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

31/01/2026

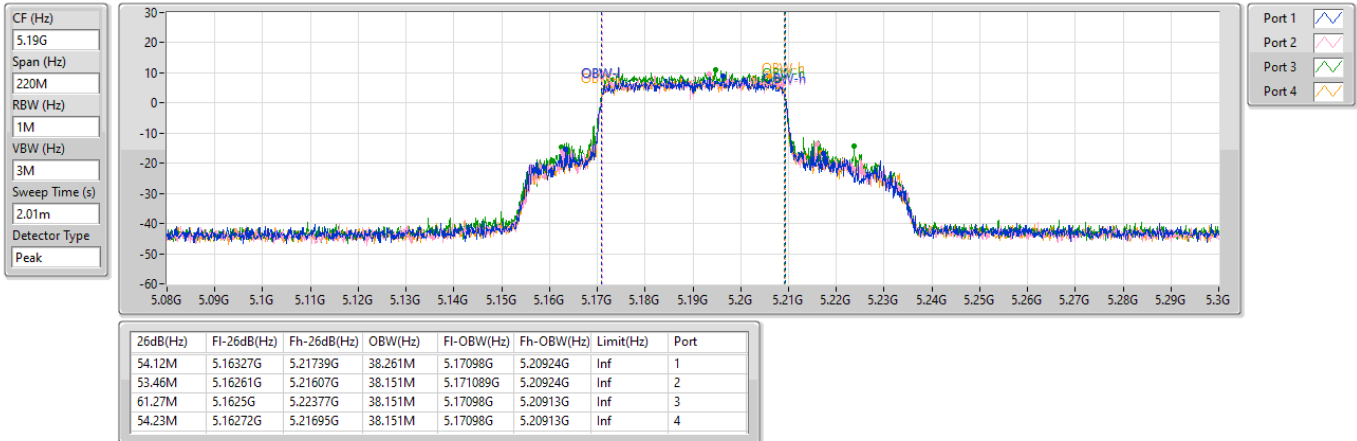


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

31/01/2026

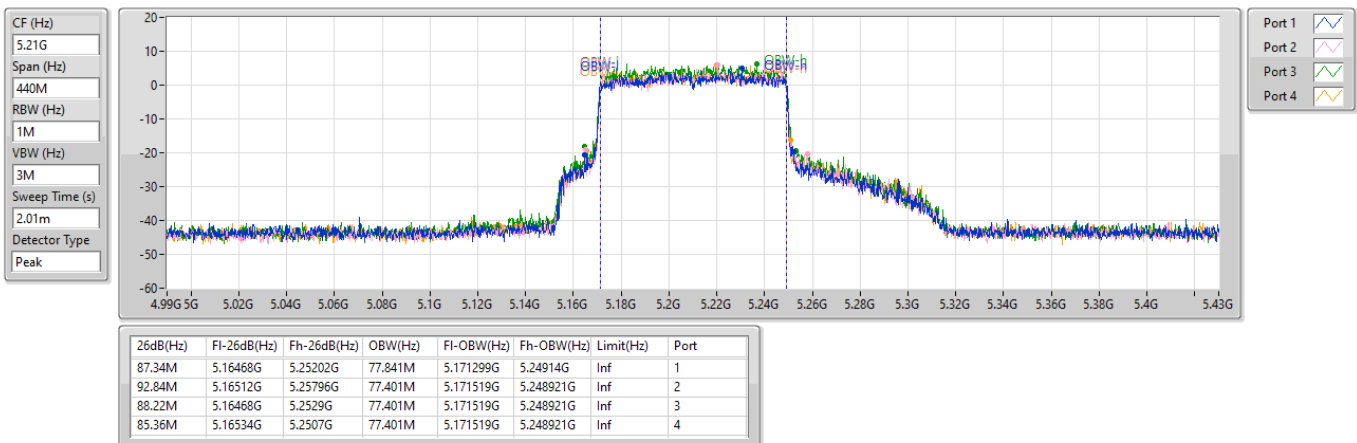


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

31/01/2026

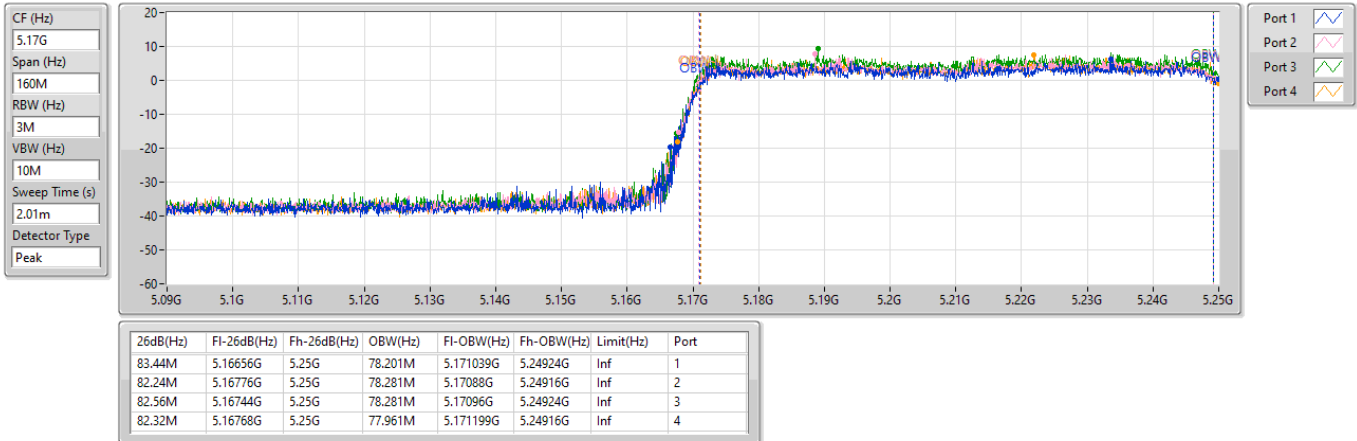


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

31/01/2026

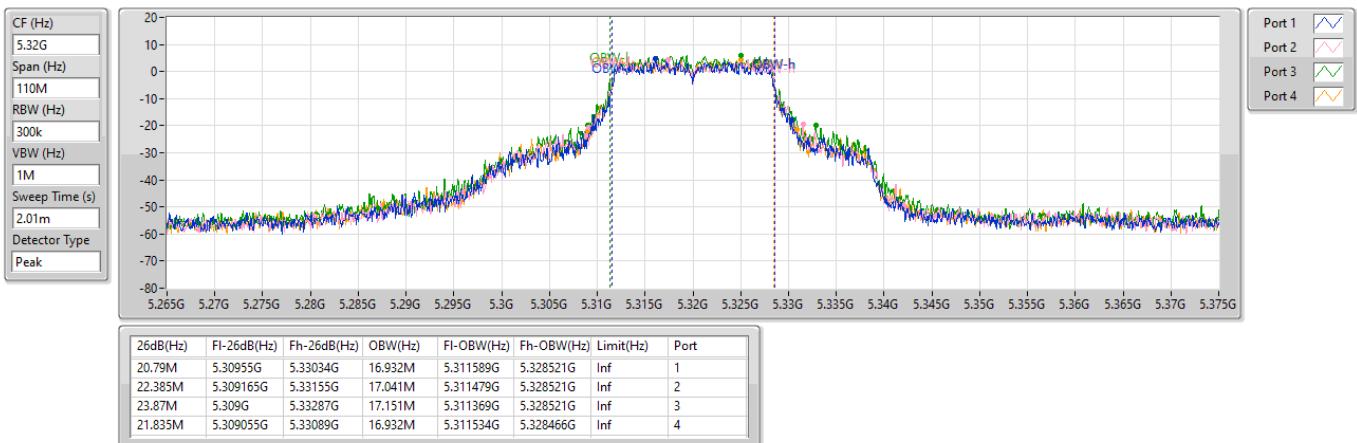


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

01/02/2026

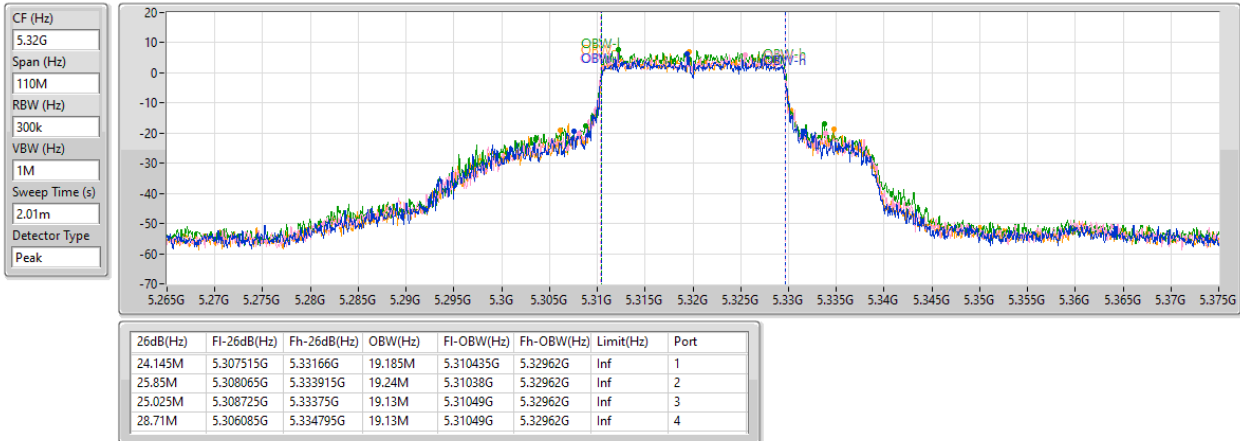


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

01/02/2026

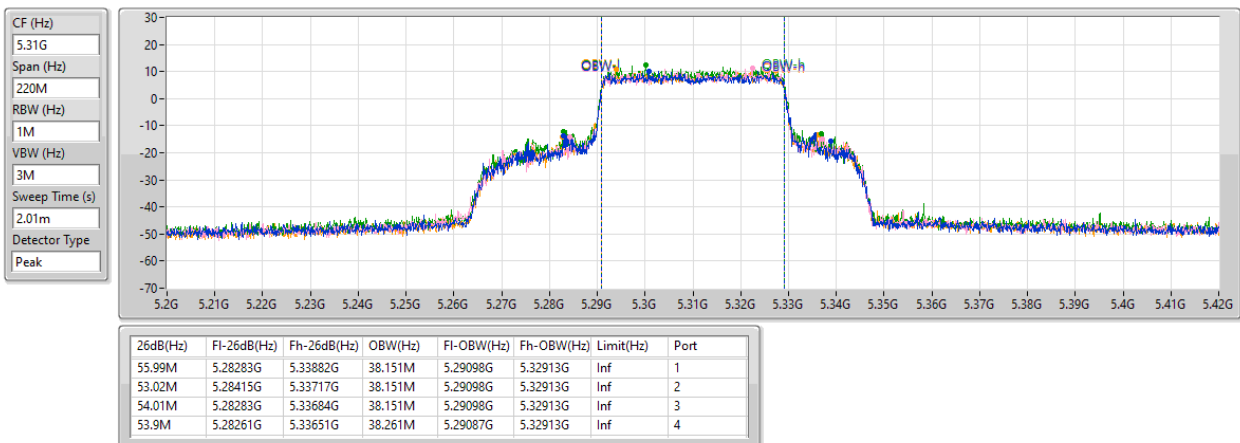


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

01/02/2026

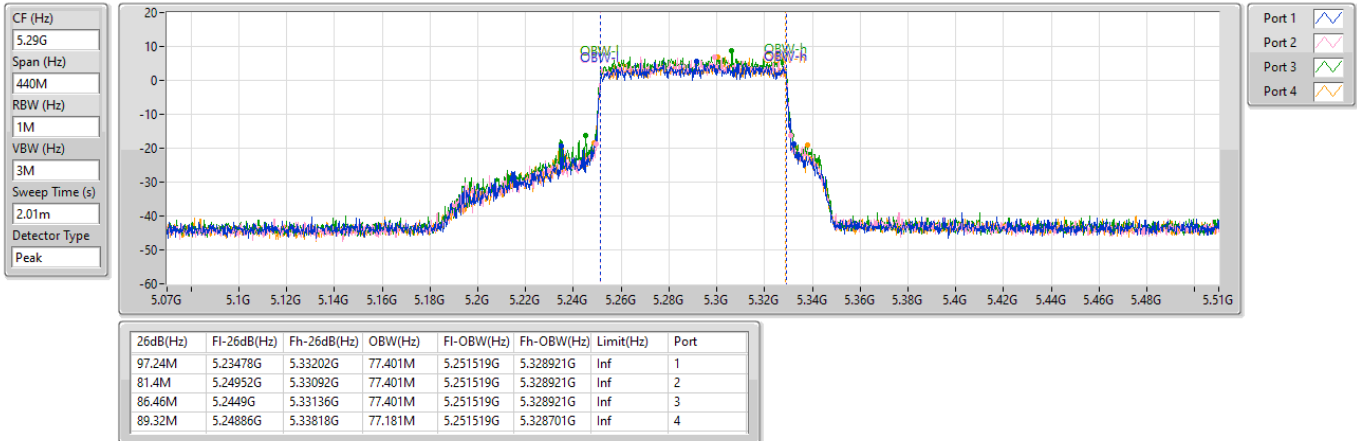


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

31/01/2026



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

EBW

5250MHz Straddle 5.25-5.35GHz

31/01/2026

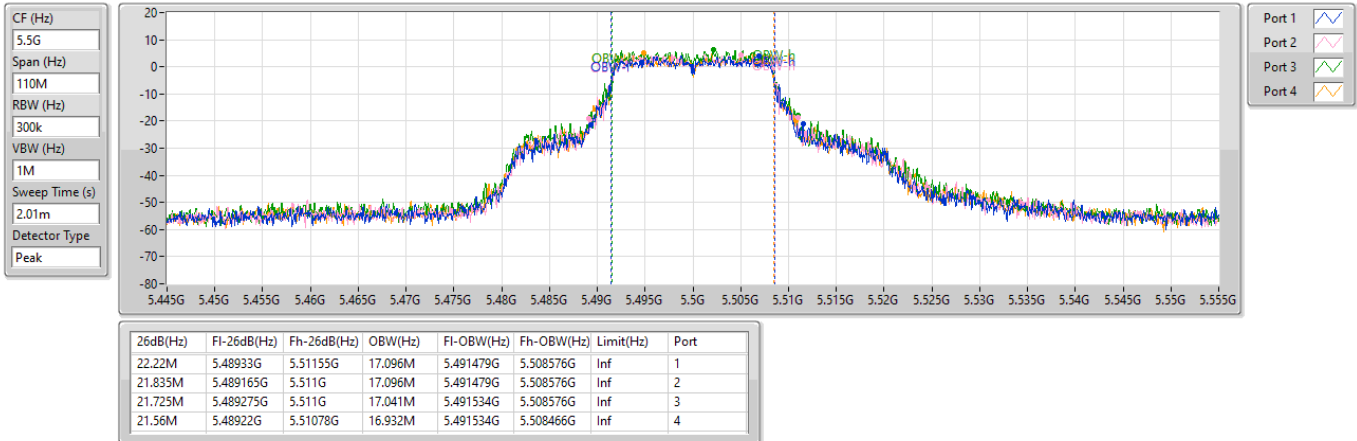


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

01/02/2026

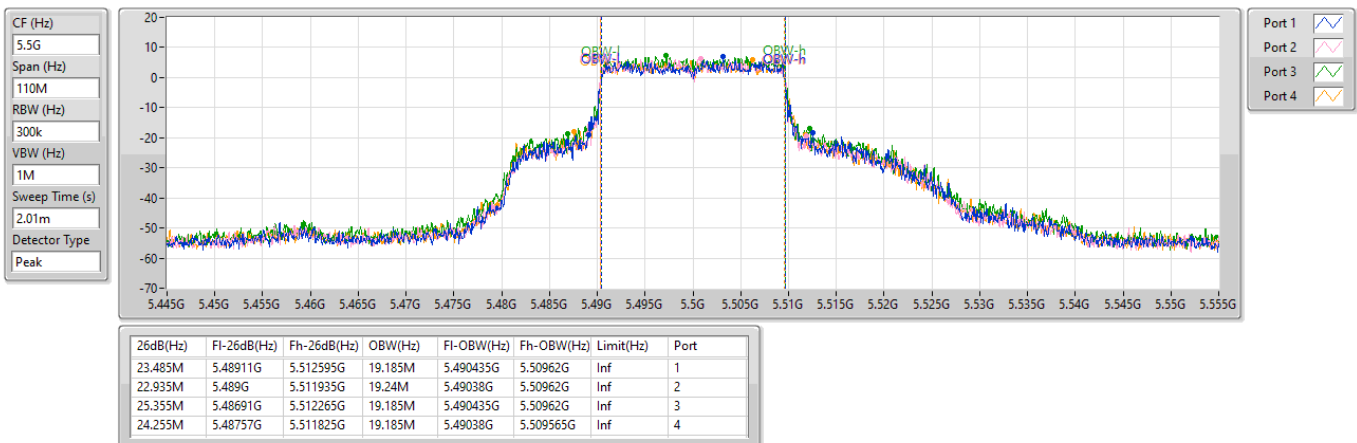


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

01/02/2026

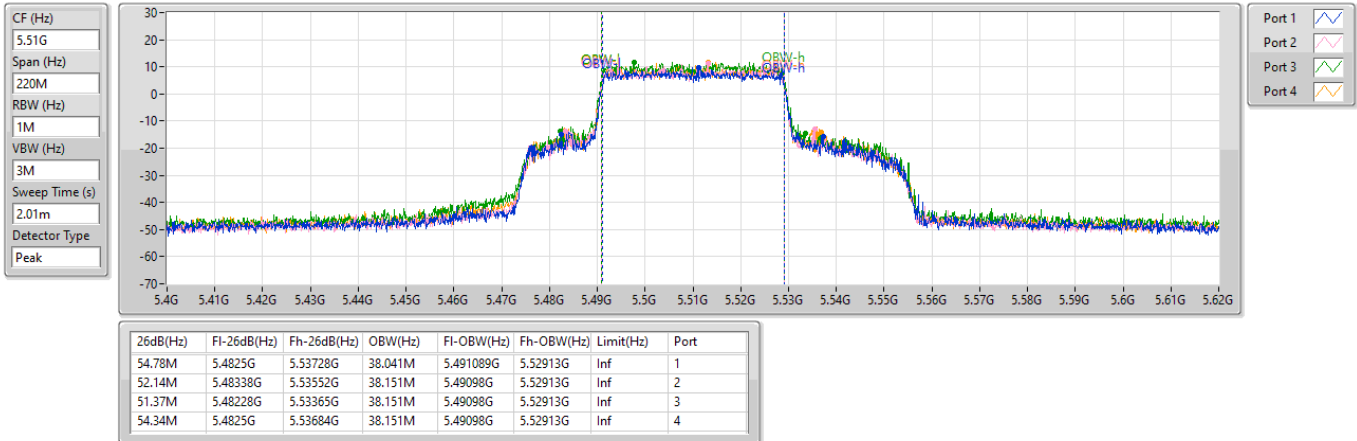


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

01/02/2026

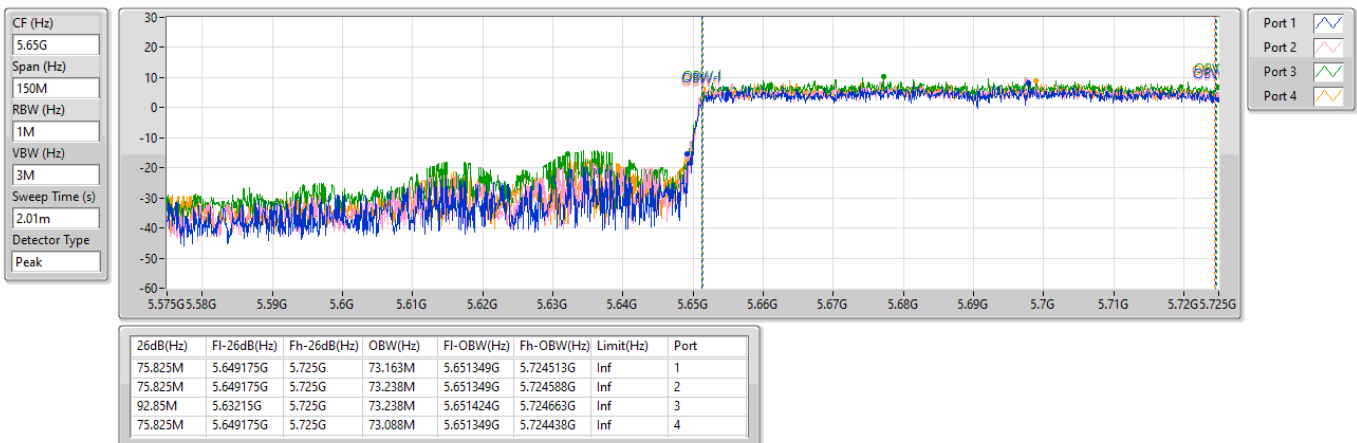


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

01/02/2026

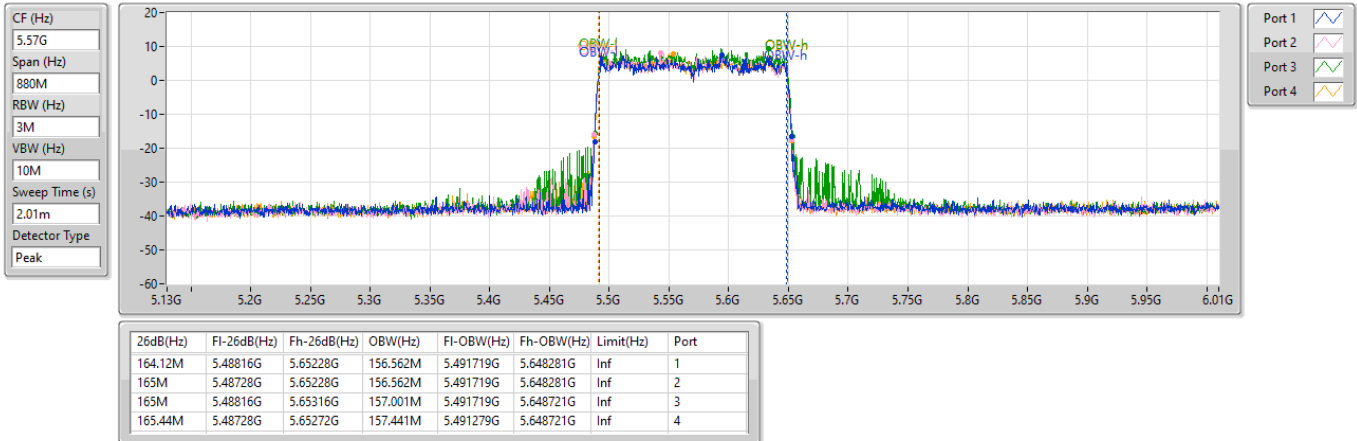


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

31/01/2026

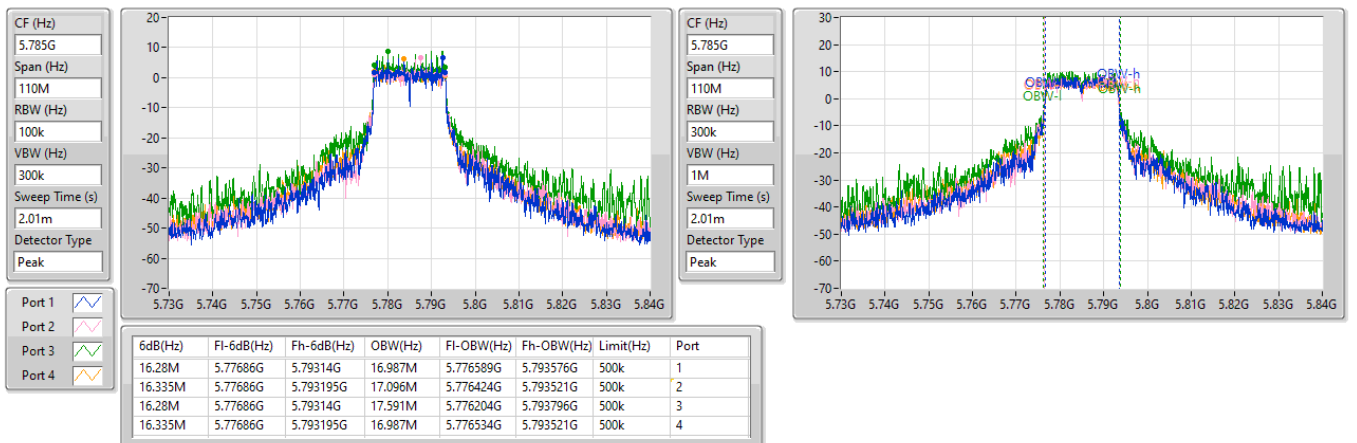


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

31/01/2026

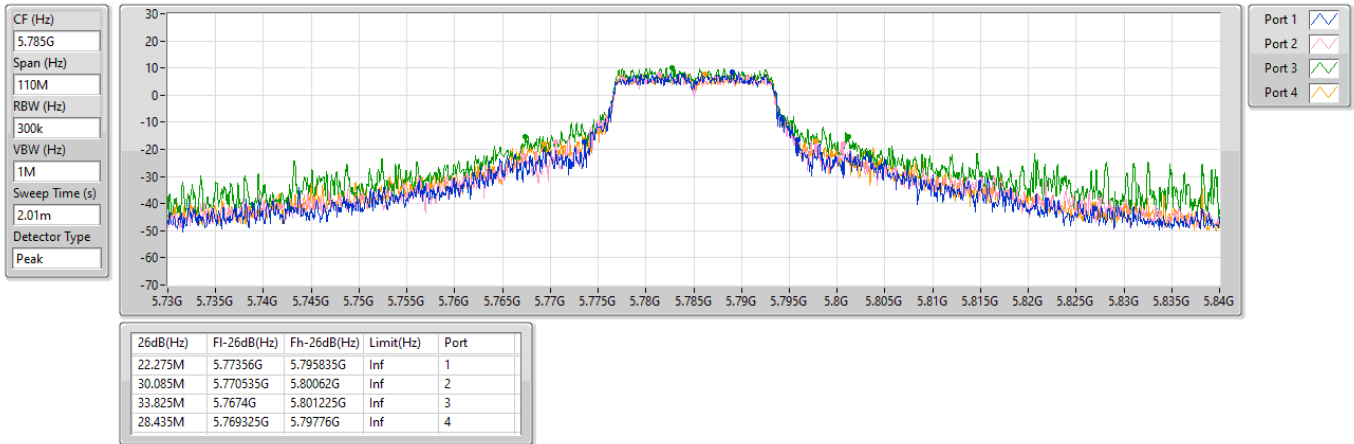


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

31/01/2026

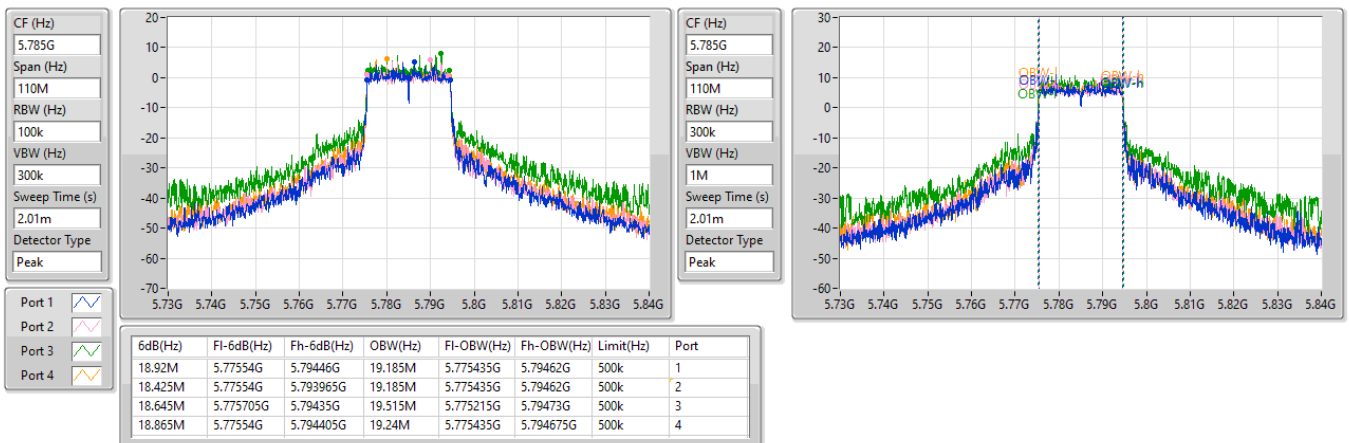


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

31/01/2026

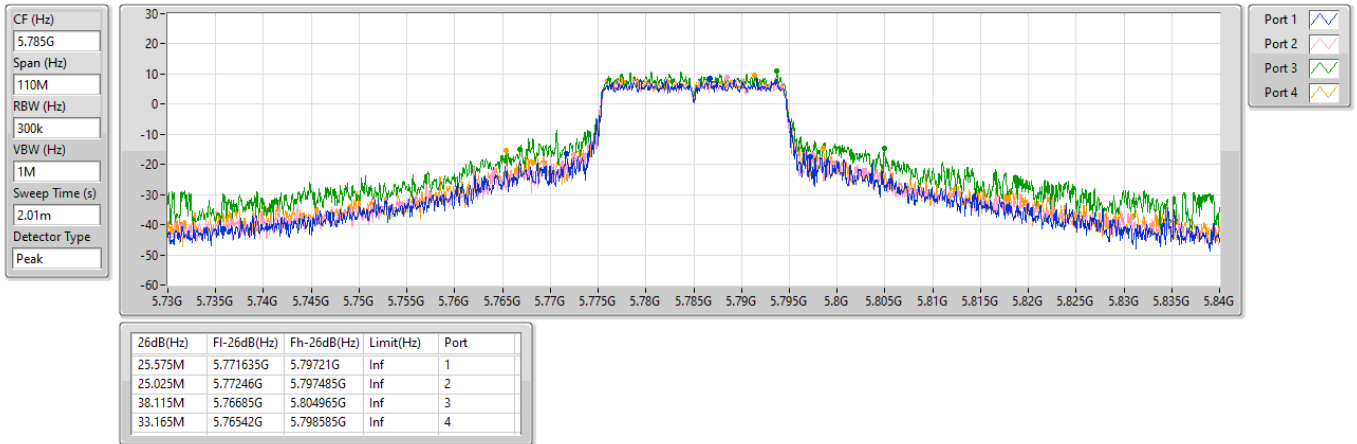


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

31/01/2026

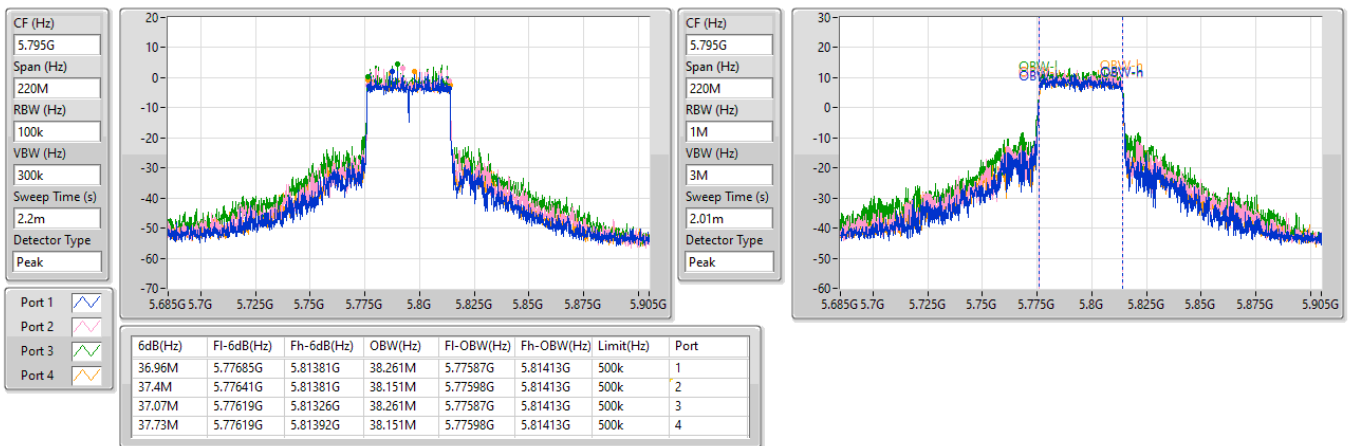


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

31/01/2026

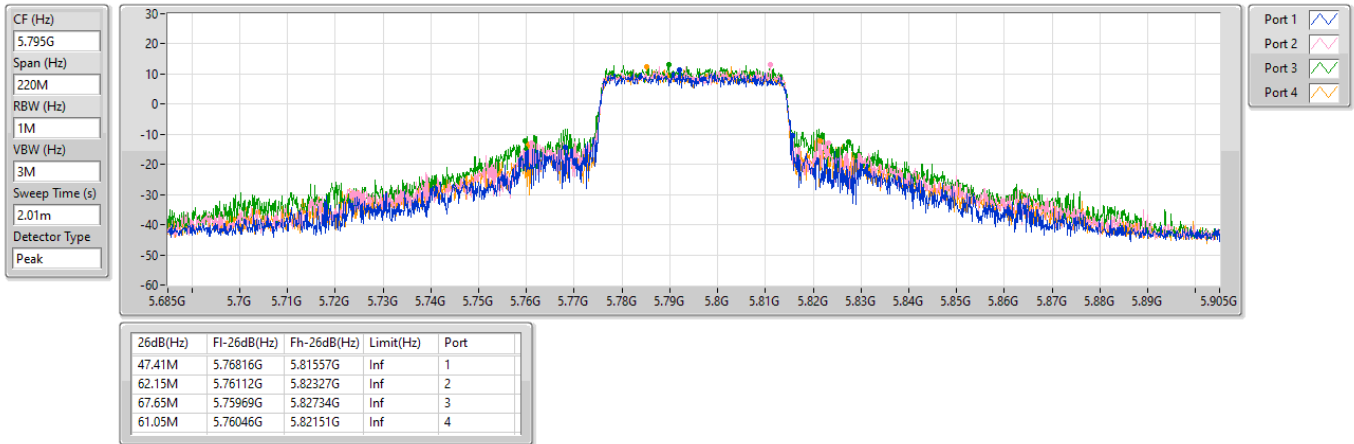


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

31/01/2026

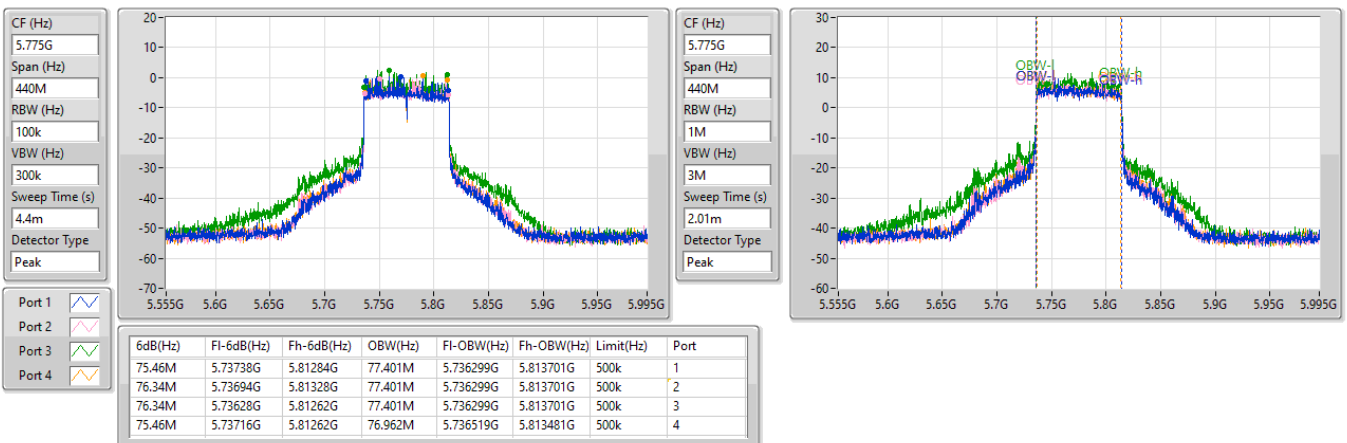


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

31/01/2026



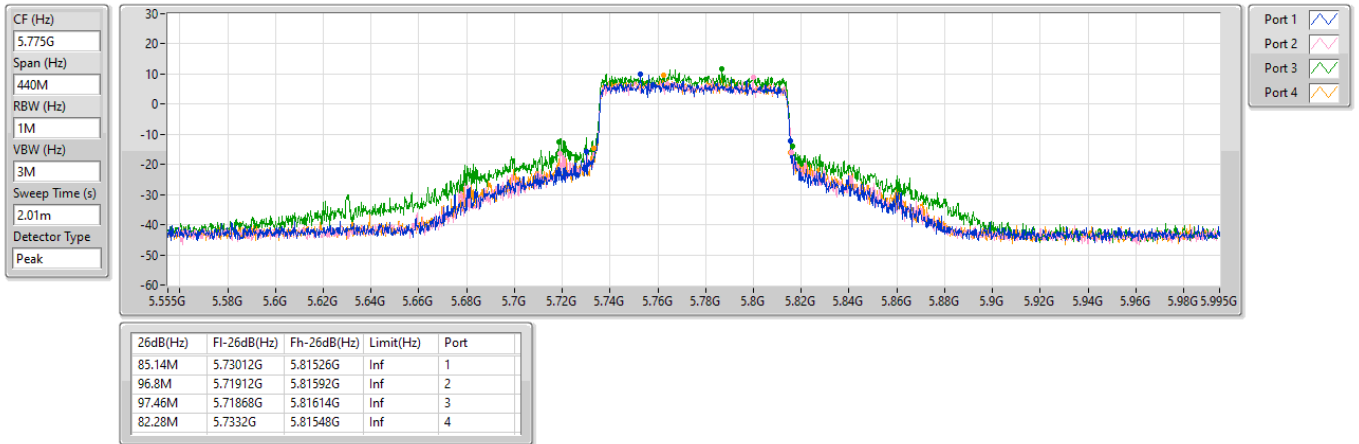


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

31/01/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	35.255M	19.295M	19M3D1D	21.065M	19.02M
802.11be EHT40_Nss4,(MCS0)_4TX	62.48M	38.261M	38M3D1D	40.7M	37.931M
802.11be EHT80_Nss4,(MCS0)_4TX	83.6M	77.401M	77M4D1D	82.06M	77.401M
802.11be EHT160_Nss4,(MCS0)_4TX	82.88M	78.281M	78M3D1D	82M	78.121M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	26.895M	19.185M	19M2D1D	20.955M	19.02M
802.11be EHT40_Nss4,(MCS0)_4TX	50.49M	38.261M	38M3D1D	40.26M	37.931M
802.11be EHT80_Nss4,(MCS0)_4TX	92.62M	77.621M	77M6D1D	84.26M	77.181M
802.11be EHT160_Nss4,(MCS0)_4TX	83.12M	78.361M	78M4D1D	82.4M	78.121M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	24.585M	19.24M	19M2D1D	15.66M	14.558M
802.11be EHT40_Nss4,(MCS0)_4TX	59.73M	38.261M	38M3D1D	35.455M	33.828M
802.11be EHT80_Nss4,(MCS0)_4TX	128.7M	77.621M	77M6D1D	80.96M	73.163M
802.11be EHT160_Nss4,(MCS0)_4TX	164.56M	157.001M	157MD1D	163.68M	156.562M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	18.975M	35.127M	35M1D1D	4.32M	4.778M
802.11be EHT40_Nss4,(MCS0)_4TX	37.73M	42.109M	42M1D1D	3.74M	4.898M
802.11be EHT80_Nss4,(MCS0)_4TX	77.22M	77.401M	77M4D1D	3.64M	9.155M

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



EBW_Non-Beamforming_ Radio 2_Full RU_4T4S_AP5022S6D

Appendix B.10

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)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.725M	19.185M	24.53M	19.185M	22.11M	19.185M	23.65M	19.295M
5200MHz	Pass	Inf	21.78M	19.02M	21.175M	19.075M	21.505M	19.185M	21.065M	19.24M
5240MHz	Pass	Inf	21.45M	19.13M	21.45M	19.13M	35.255M	19.24M	21.175M	19.075M
5260MHz	Pass	Inf	21.23M	19.13M	21.395M	19.075M	22.385M	19.02M	21.505M	19.075M
5300MHz	Pass	Inf	21.89M	19.075M	21.505M	19.13M	21.285M	19.13M	20.955M	19.02M
5320MHz	Pass	Inf	25.08M	19.185M	23.54M	19.13M	26.895M	19.185M	26.4M	19.13M
5500MHz	Pass	Inf	21.89M	19.185M	24.585M	19.185M	22.055M	19.24M	23.595M	19.24M
5580MHz	Pass	Inf	21.505M	19.075M	21.34M	19.13M	21.175M	19.185M	21.395M	19.075M
5700MHz	Pass	Inf	21.67M	19.075M	21.615M	19.075M	21.615M	19.075M	21.78M	19.075M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.66M	14.558M	16.83M	14.573M	23.43M	14.663M	15.9M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.32M	4.778M	4.48M	4.958M	4.38M	5.917M	4.44M	4.918M
5745MHz	Pass	500k	17.93M	19.735M	16.885M	20.945M	15.345M	35.127M	18.15M	20.67M
5785MHz	Pass	500k	17.435M	19.35M	18.37M	19.295M	18.26M	21.219M	18.59M	19.35M
5825MHz	Pass	500k	18.205M	19.405M	18.975M	19.35M	18.755M	29.08M	18.645M	19.35M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	59.73M	38.151M	51.15M	38.261M	58.3M	38.151M	62.48M	38.261M
5230MHz	Pass	Inf	40.7M	37.931M	40.92M	37.931M	42.24M	38.151M	40.7M	38.041M
5270MHz	Pass	Inf	41.36M	37.931M	41.25M	37.931M	41.03M	38.041M	40.26M	37.931M
5310MHz	Pass	Inf	48.29M	38.151M	46.09M	38.151M	43.89M	38.261M	50.49M	38.151M
5510MHz	Pass	Inf	42.46M	38.151M	59.73M	38.041M	58.85M	38.261M	59.62M	38.151M
5550MHz	Pass	Inf	40.81M	37.821M	40.92M	37.821M	40.7M	37.931M	41.36M	38.041M
5670MHz	Pass	Inf	40.7M	38.041M	41.25M	37.821M	41.14M	37.821M	41.25M	37.821M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.455M	33.828M	35.805M	33.863M	50.75M	33.933M	39.55M	33.933M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.898M	3.88M	8.536M	3.78M	19.81M	3.74M	13.693M
5755MHz	Pass	500k	36.41M	38.371M	35.86M	38.481M	37.62M	42.109M	36.74M	38.371M
5795MHz	Pass	500k	37.18M	38.151M	35.64M	38.261M	37.62M	38.371M	37.73M	38.151M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.06M	77.401M	82.28M	77.401M	83.38M	77.401M	83.6M	77.401M
5290MHz	Pass	Inf	92.62M	77.621M	87.56M	77.621M	88M	77.181M	84.26M	77.181M
5530MHz	Pass	Inf	84.48M	77.621M	83.6M	77.401M	86.02M	77.621M	83.6M	77.401M
5610MHz	Pass	Inf	81.62M	77.181M	81.4M	77.401M	81.18M	77.621M	80.96M	77.181M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	91.125M	73.163M	93.225M	73.388M	128.7M	73.388M	94.575M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	9.155M	3.7M	15.952M	3.72M	26.927M	3.64M	13.013M
5775MHz	Pass	500k	73.92M	77.401M	76.12M	77.401M	76.12M	77.401M	77.22M	77.401M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.72M	78.281M	82.88M	78.281M	82.72M	78.281M	82M	78.121M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	78.121M	83.12M	78.201M	82.88M	78.361M	82.4M	78.121M
5570MHz	Pass	Inf	164.56M	156.562M	163.68M	156.562M	164.56M	157.001M	164.12M	156.562M

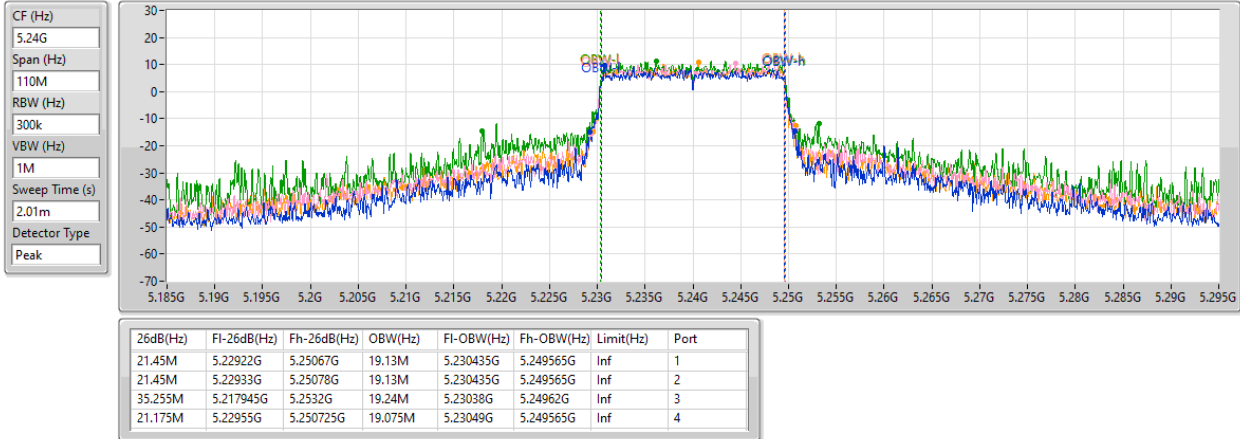
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

31/01/2026

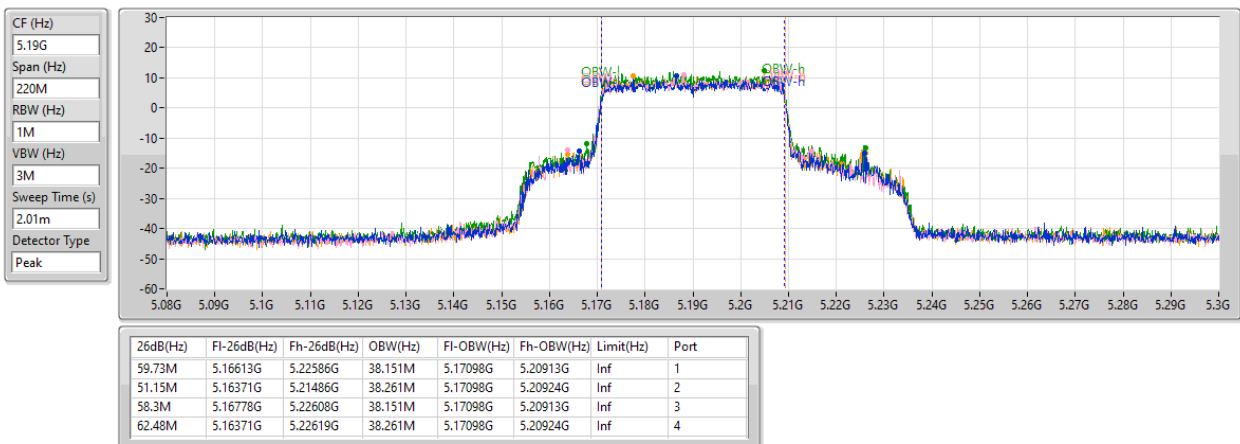


5.15-5.25GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5190MHz

31/01/2026

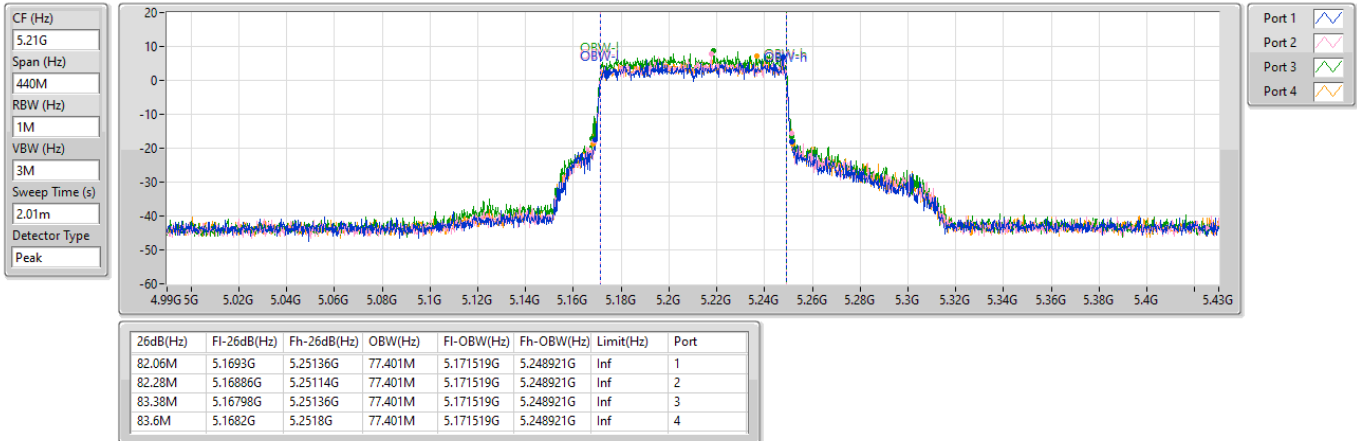


5.15-5.25GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5210MHz

31/01/2026

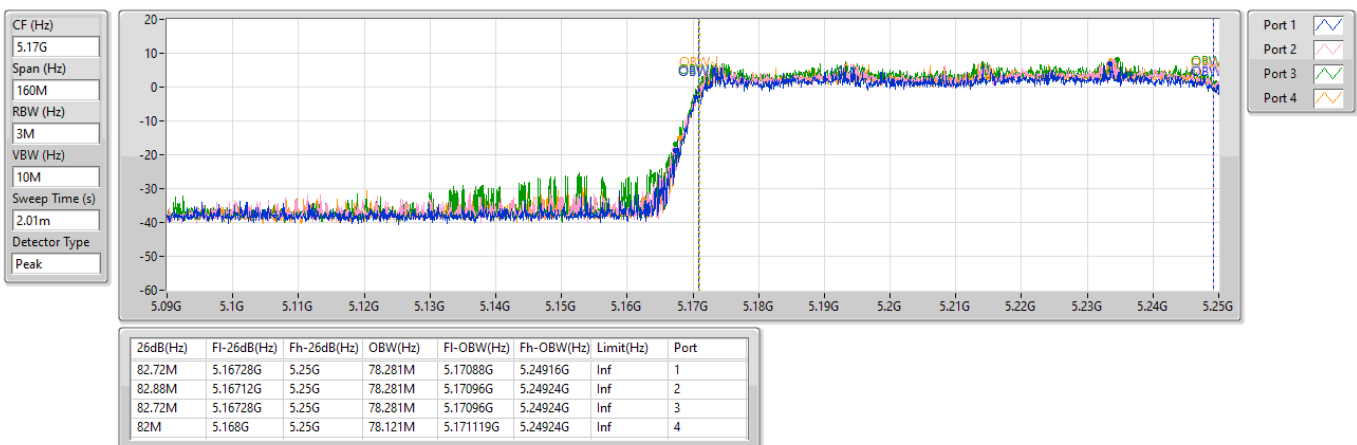


5.15-5.25GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

31/01/2026

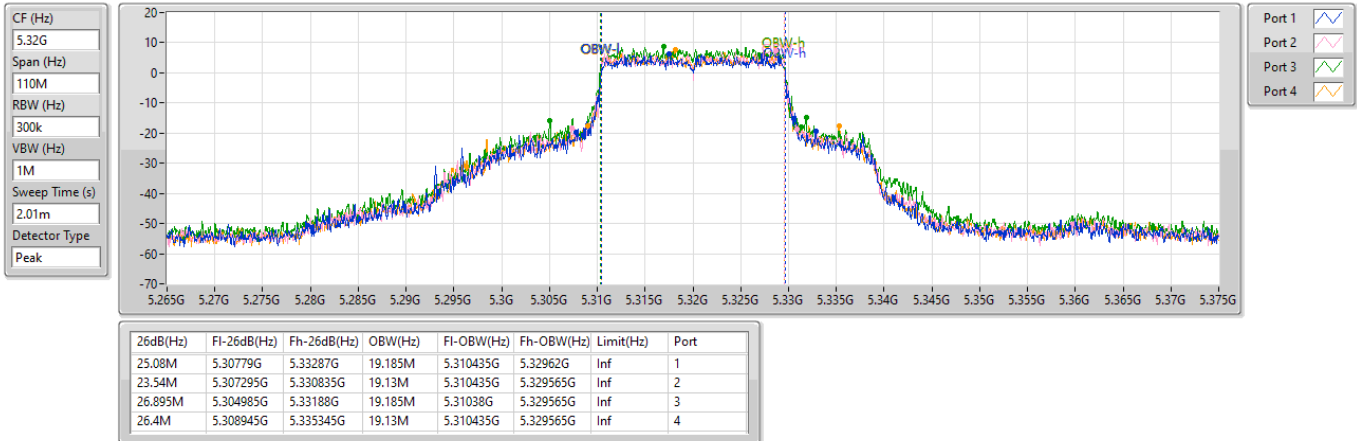


5.25-5.35GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5320MHz

01/02/2026



5.25-5.35GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5310MHz

01/02/2026

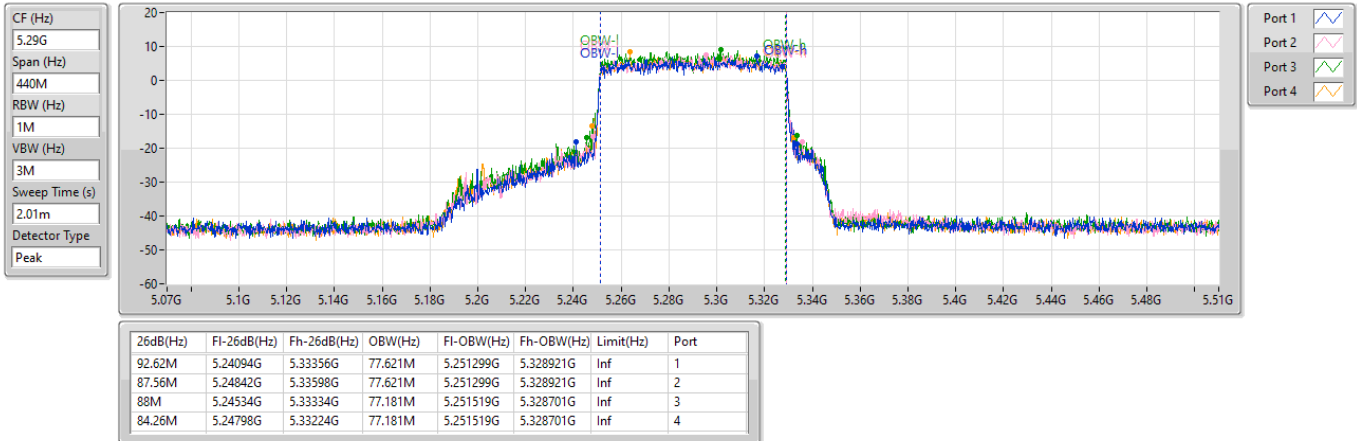


5.25-5.35GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5290MHz

31/01/2026



5.25-5.35GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

31/01/2026

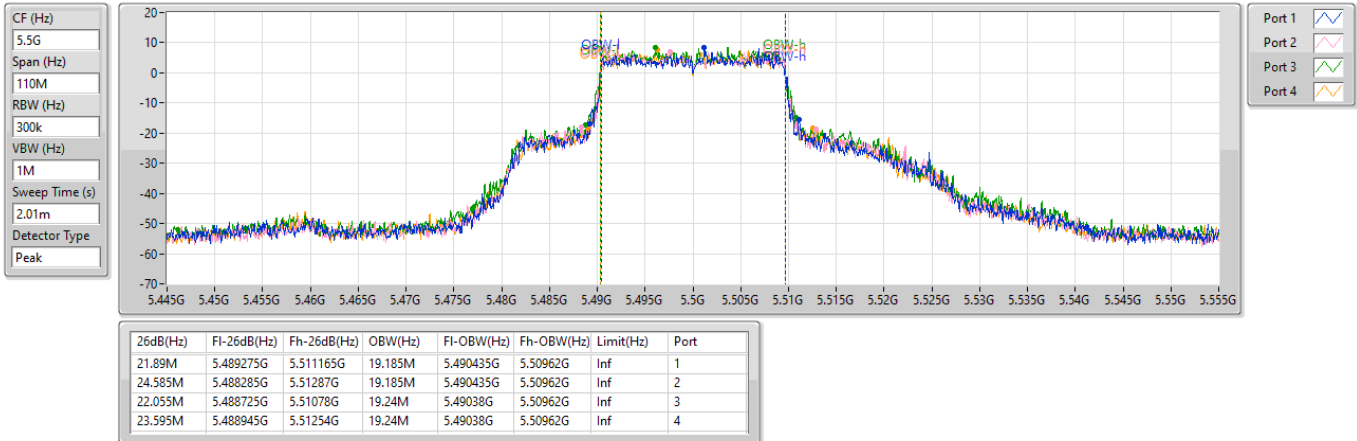


5.47-5.725GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5500MHz

01/02/2026



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

EBW

5510MHz

01/02/2026

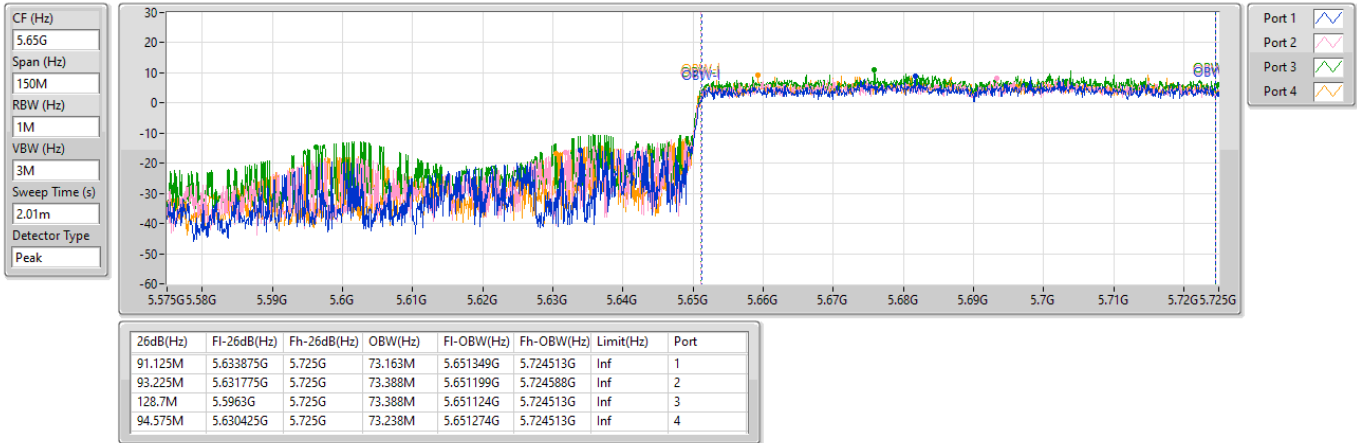


5.47-5.725GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

01/02/2026

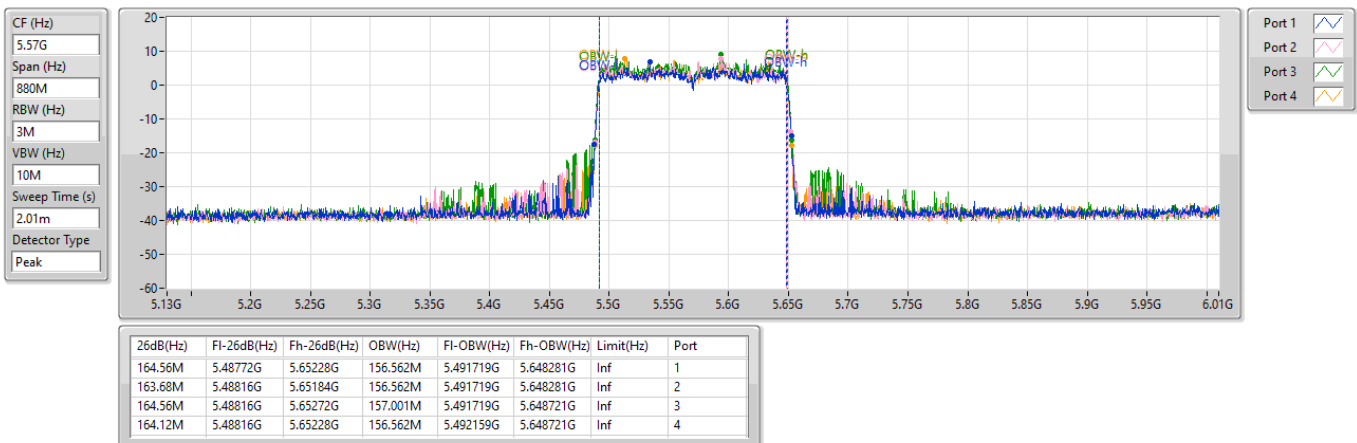


5.47-5.725GHz_802.11be EHT160_Nss4,(MCS0)_4TX

EBW

5570MHz

31/01/2026

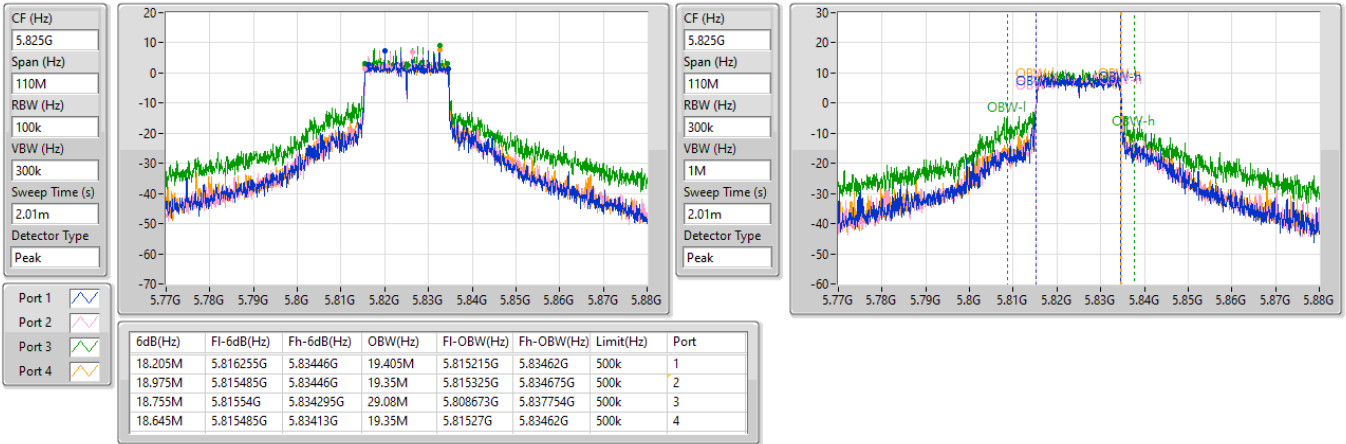


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5825MHz

31/01/2026

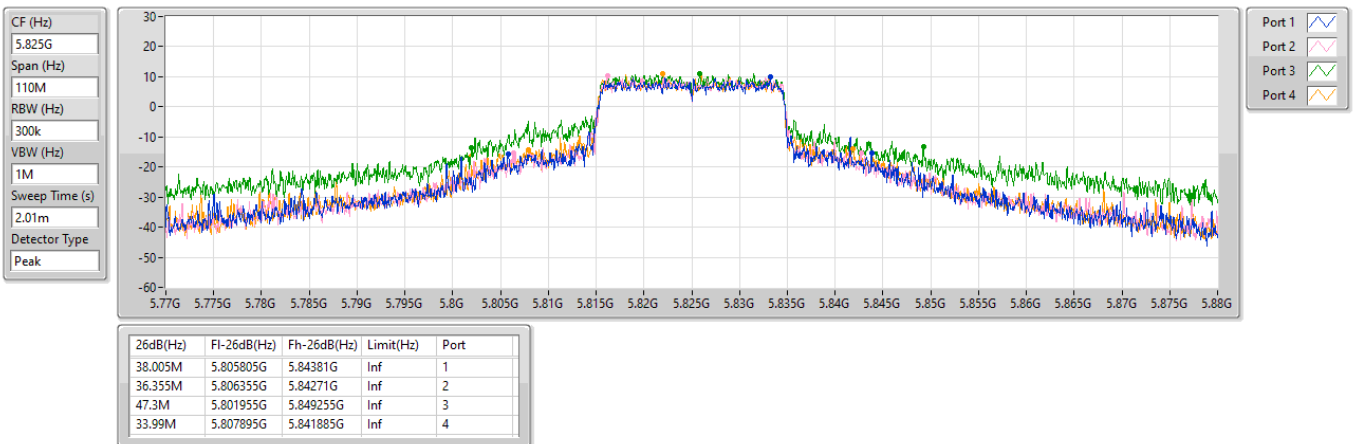


5.725-5.85GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5825MHz

31/01/2026

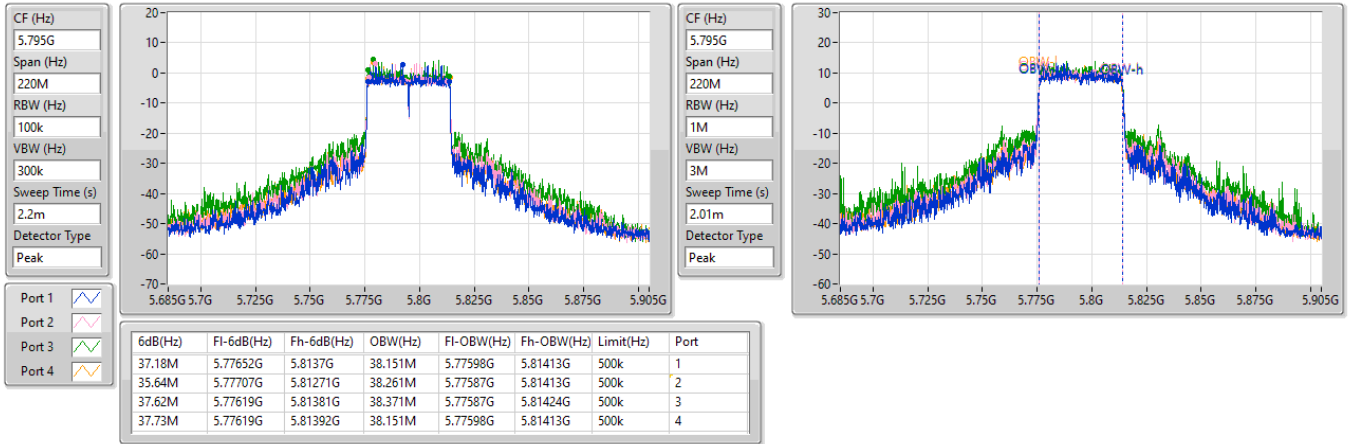


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5795MHz

31/01/2026

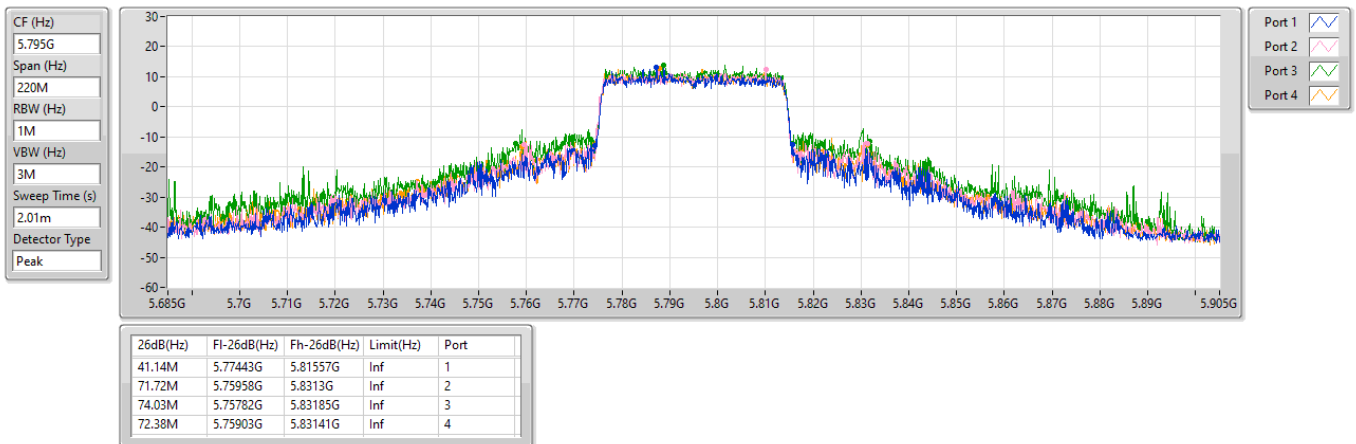


5.725-5.85GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

5795MHz

31/01/2026

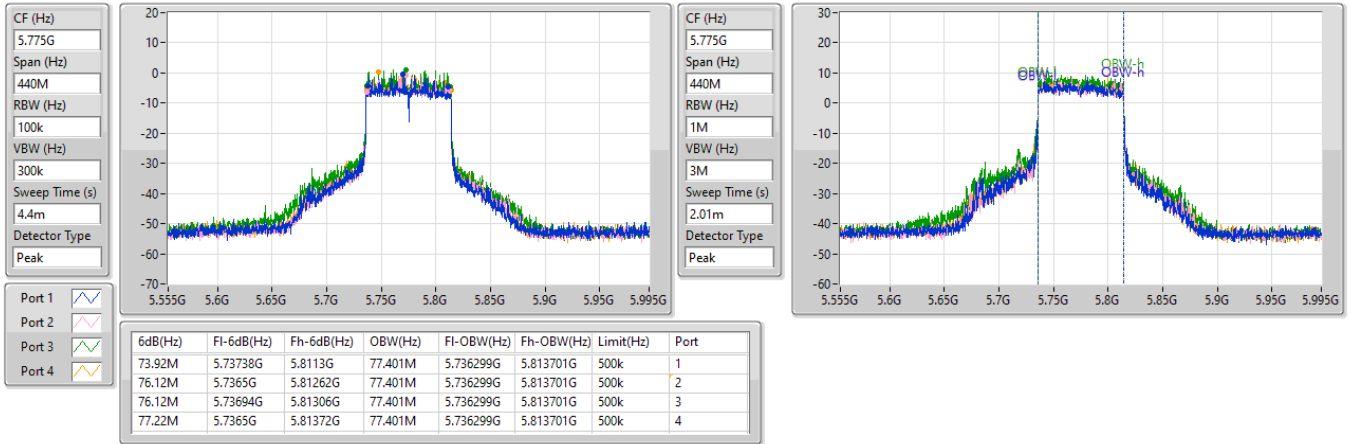


5.725-5.85GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5775MHz

31/01/2026

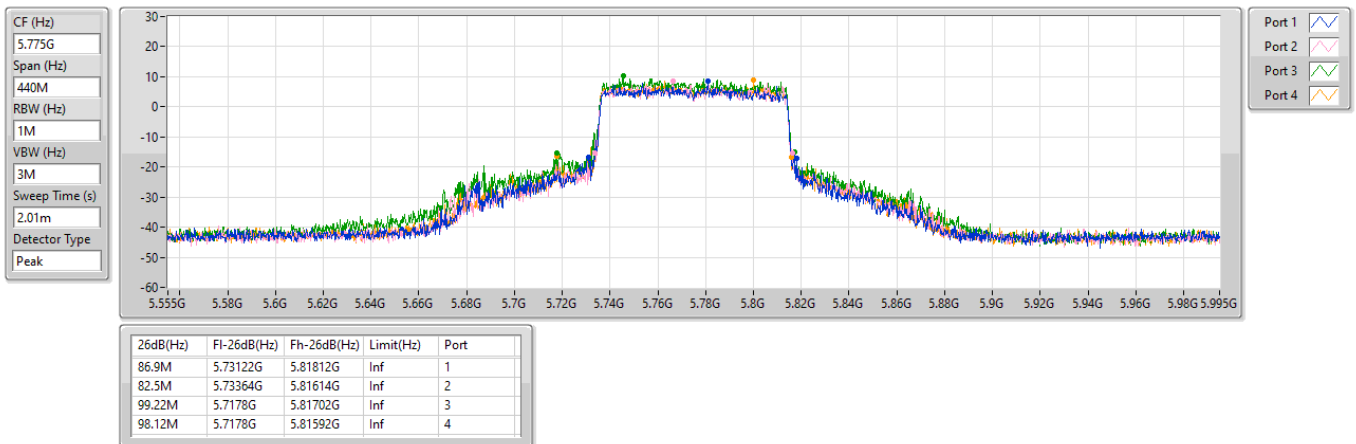


5.725-5.85GHz_802.11be EHT80_Nss4,(MCS0)_4TX

EBW

5775MHz

31/01/2026



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	31.185M	17.151M	17M2D1D	20.9M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	42.515M	27.651M	27M7D1D	28.38M	19.24M
802.11be EHT40_Nss1,(MCS0)_2TX	71.94M	38.371M	38M4D1D	54.56M	38.261M
802.11be EHT80_Nss1,(MCS0)_2TX	85.8M	77.401M	77M4D1D	85.8M	77.181M
802.11be EHT160_Nss1,(MCS0)_2TX	86.64M	78.281M	78M3D1D	82.4M	78.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.56M	17.041M	17M0D1D	21.12M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	27.5M	19.185M	19M2D1D	21.065M	19.13M
802.11be EHT40_Nss1,(MCS0)_2TX	74.47M	38.261M	38M3D1D	53.46M	38.151M
802.11be EHT80_Nss1,(MCS0)_2TX	96.36M	77.401M	77M4D1D	82.72M	77.401M
802.11be EHT160_Nss1,(MCS0)_2TX	85.44M	78.361M	78M4D1D	82.96M	78.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.45M	16.932M	16M9D1D	15.57M	13.403M
802.11be EHT20_Nss1,(MCS0)_2TX	23.485M	19.13M	19M1D1D	15.915M	14.558M
802.11be EHT40_Nss1,(MCS0)_2TX	54.56M	38.371M	38M4D1D	40.37M	33.968M
802.11be EHT80_Nss1,(MCS0)_2TX	107.36M	77.621M	77M6D1D	82.28M	73.313M
802.11be EHT160_Nss1,(MCS0)_2TX	165.44M	156.562M	157MD1D	165M	156.562M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.28M	17.206M	17M2D1D	3.1M	4.458M
802.11be EHT20_Nss1,(MCS0)_2TX	18.48M	19.35M	19M4D1D	4.5M	5.097M
802.11be EHT40_Nss1,(MCS0)_2TX	37.62M	38.811M	38M8D1D	3.86M	15.132M
802.11be EHT80_Nss1,(MCS0)_2TX	75.9M	77.621M	77M6D1D	3.76M	25.207M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.23M	16.932M	21.45M	16.822M
5200MHz	Pass	Inf	23.485M	17.151M	31.185M	17.096M
5240MHz	Pass	Inf	20.9M	16.877M	30.14M	17.041M
5260MHz	Pass	Inf	21.12M	16.822M	21.56M	16.712M
5300MHz	Pass	Inf	21.175M	16.767M	21.34M	16.712M
5320MHz	Pass	Inf	21.12M	17.041M	21.285M	16.877M
5500MHz	Pass	Inf	21.23M	16.932M	20.9M	16.877M
5580MHz	Pass	Inf	20.955M	16.767M	21.45M	16.712M
5700MHz	Pass	Inf	21.12M	16.767M	21.01M	16.822M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.57M	13.478M	15.72M	13.403M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.458M	3.1M	4.478M
5745MHz	Pass	500k	16.005M	16.987M	16.06M	16.932M
5785MHz	Pass	500k	16.28M	17.151M	16.28M	16.987M
5825MHz	Pass	500k	16.28M	17.206M	16.28M	16.932M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	40.975M	22.979M	42.515M	27.651M
5200MHz	Pass	Inf	37.235M	20.285M	41.03M	20.285M
5240MHz	Pass	Inf	28.38M	19.24M	33.33M	19.35M
5260MHz	Pass	Inf	25.74M	19.13M	23.375M	19.185M
5300MHz	Pass	Inf	21.34M	19.185M	21.065M	19.13M
5320MHz	Pass	Inf	27.5M	19.13M	24.64M	19.13M
5500MHz	Pass	Inf	23.485M	19.13M	22.77M	19.13M
5580MHz	Pass	Inf	21.615M	19.075M	21.45M	19.13M
5700MHz	Pass	Inf	21.505M	19.075M	21.505M	19.13M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.618M	15.915M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.097M	4.5M	5.257M
5745MHz	Pass	500k	17.82M	19.24M	18.15M	19.13M
5785MHz	Pass	500k	18.48M	19.35M	17.38M	19.24M
5825MHz	Pass	500k	18.26M	19.295M	18.37M	19.24M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	55.11M	38.371M	54.56M	38.261M
5230MHz	Pass	Inf	71.94M	38.371M	69.08M	38.371M
5270MHz	Pass	Inf	65.23M	38.261M	74.47M	38.261M
5310MHz	Pass	Inf	55.11M	38.151M	53.46M	38.151M
5510MHz	Pass	Inf	54.34M	38.151M	54.56M	38.371M
5550MHz	Pass	Inf	40.81M	38.041M	40.37M	37.931M
5670MHz	Pass	Inf	40.59M	37.931M	40.37M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	50.155M	34.038M	42.945M	33.968M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	15.372M	3.88M	15.132M
5755MHz	Pass	500k	36.19M	38.151M	37.62M	38.151M
5795MHz	Pass	500k	36.74M	38.701M	37.07M	38.811M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.8M	77.181M	85.8M	77.401M
5290MHz	Pass	Inf	82.72M	77.401M	96.36M	77.401M
5530MHz	Pass	Inf	82.28M	77.401M	84.7M	77.621M
5610MHz	Pass	Inf	107.36M	77.401M	100.98M	77.401M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	93.525M	73.463M	93.375M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	27.206M	3.76M	25.207M
5775MHz	Pass	500k	75.9M	77.621M	75.9M	77.621M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.4M	78.281M	86.64M	78.121M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	85.44M	78.361M	82.96M	78.361M
5570MHz	Pass	Inf	165.44M	156.562M	165M	156.562M

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

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

EBW

5200MHz

23/01/2026

CF (Hz)
5.2G

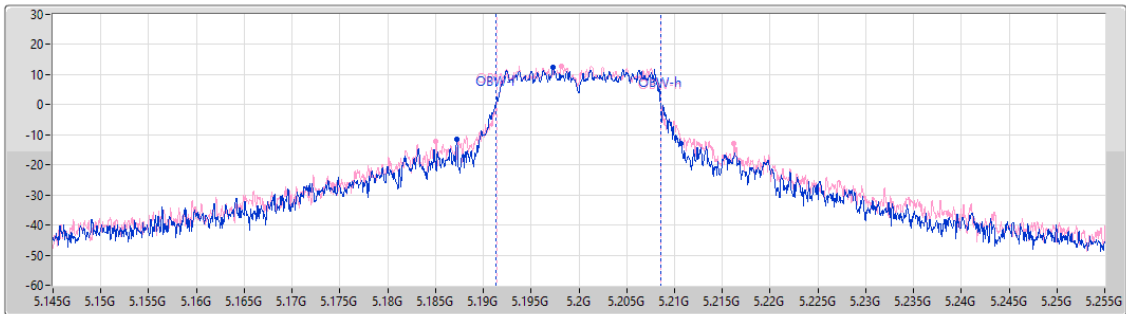
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.485M	5.187185G	5.21067G	17.151M	5.191369G	5.208521G	Inf	1
31.185M	5.18504G	5.216225G	17.096M	5.191479G	5.208576G	Inf	2

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

EBW

5180MHz

23/01/2026

CF (Hz)
5.18G

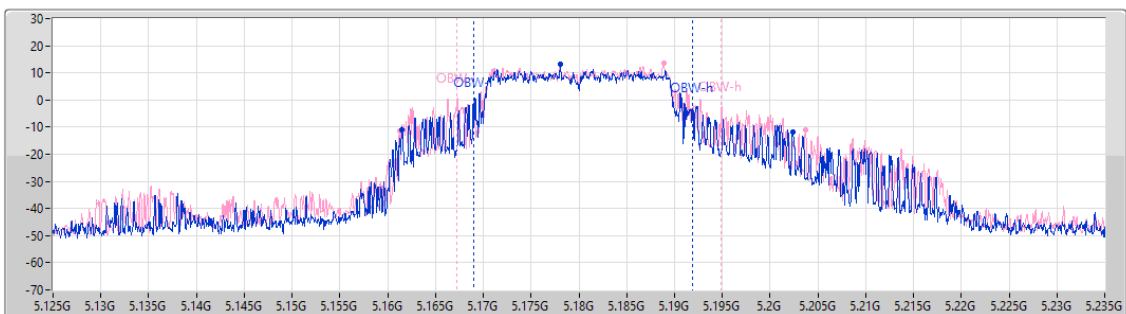
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



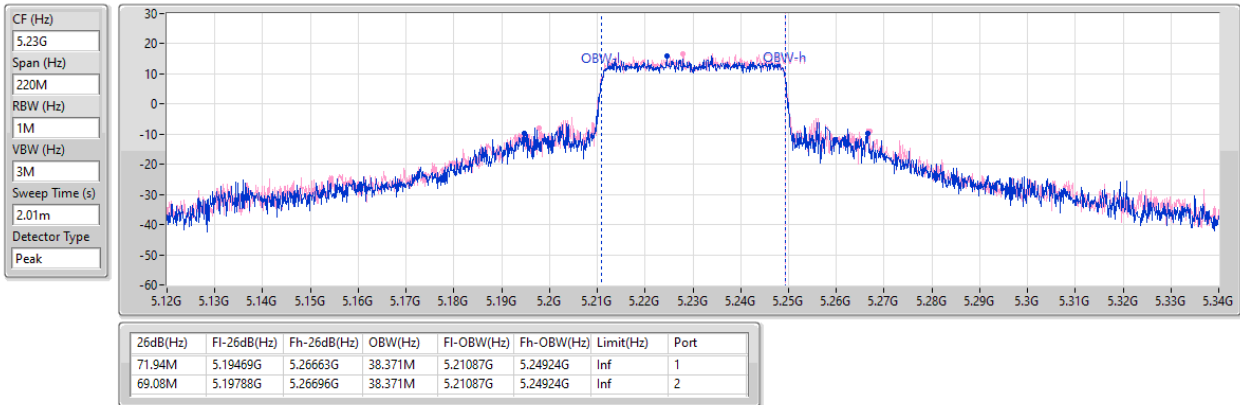
26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.975M	5.161465G	5.20244G	22.979M	5.168951G	5.191929G	Inf	1
42.515M	5.161245G	5.20376G	27.651M	5.167246G	5.194898G	Inf	2

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

EBW

5230MHz

23/01/2026

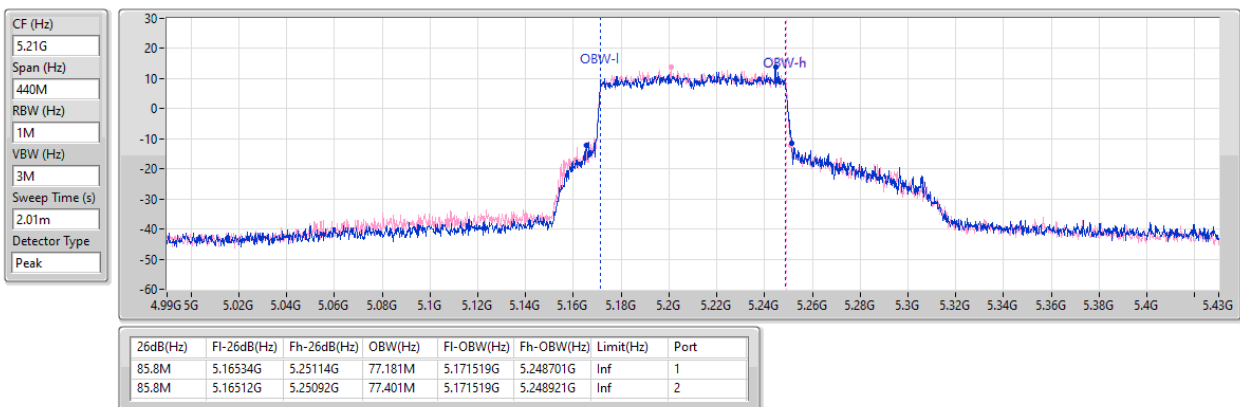


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

23/01/2026

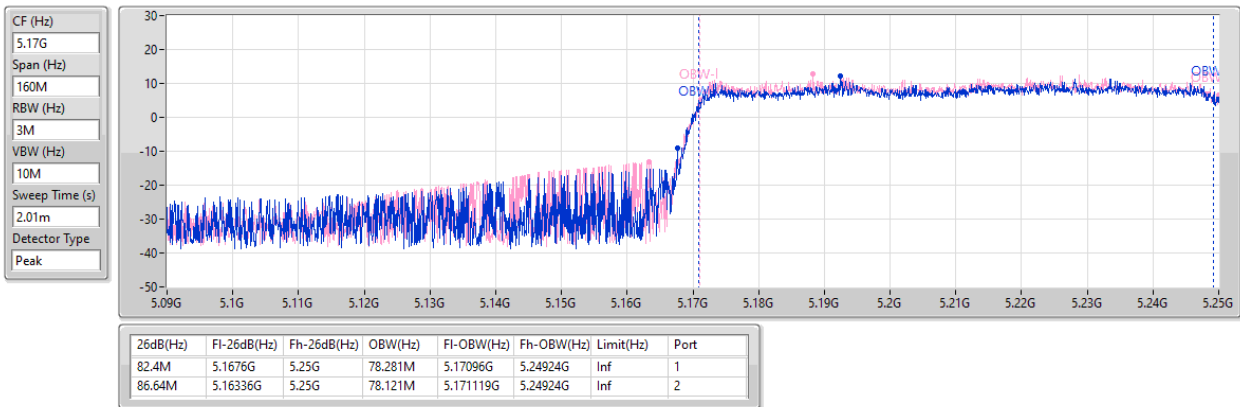


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

23/01/2026

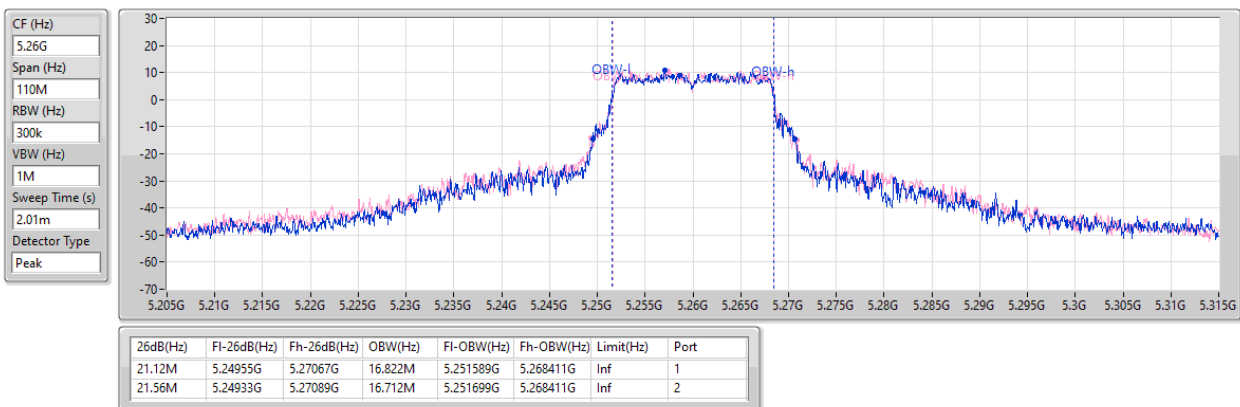


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

23/01/2026

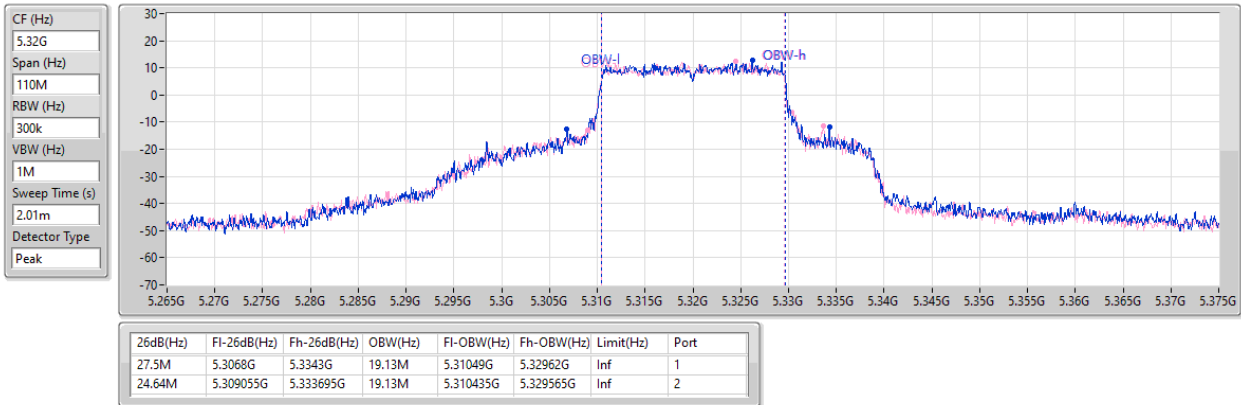


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

23/01/2026

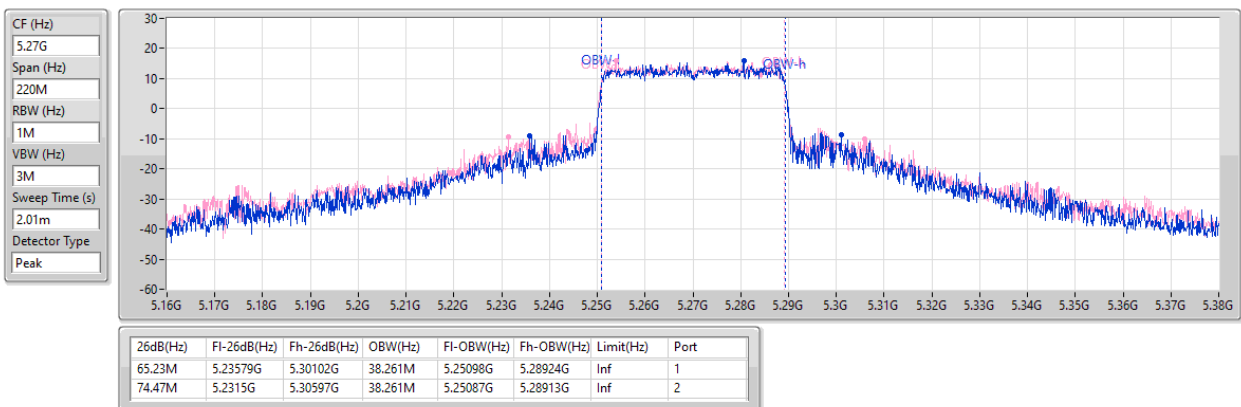


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

23/01/2026

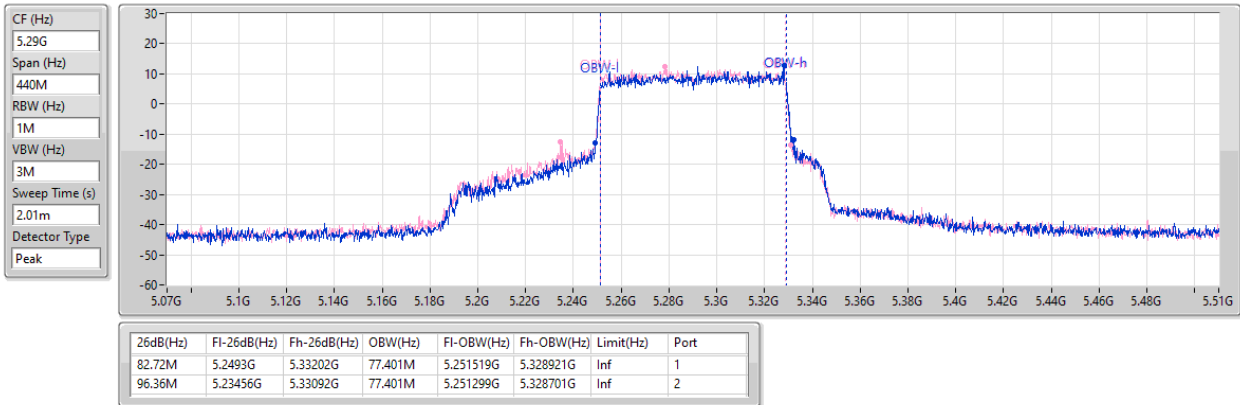


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

23/01/2026

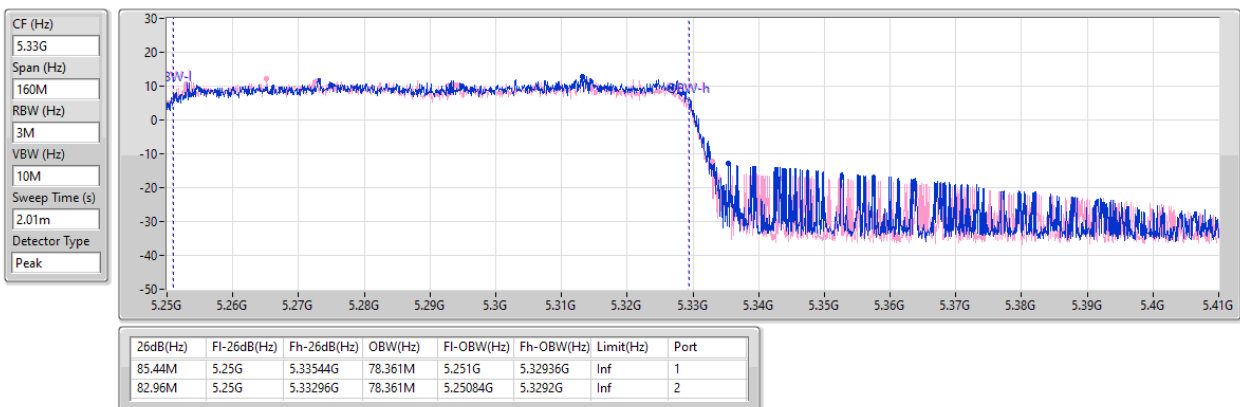


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

23/01/2026

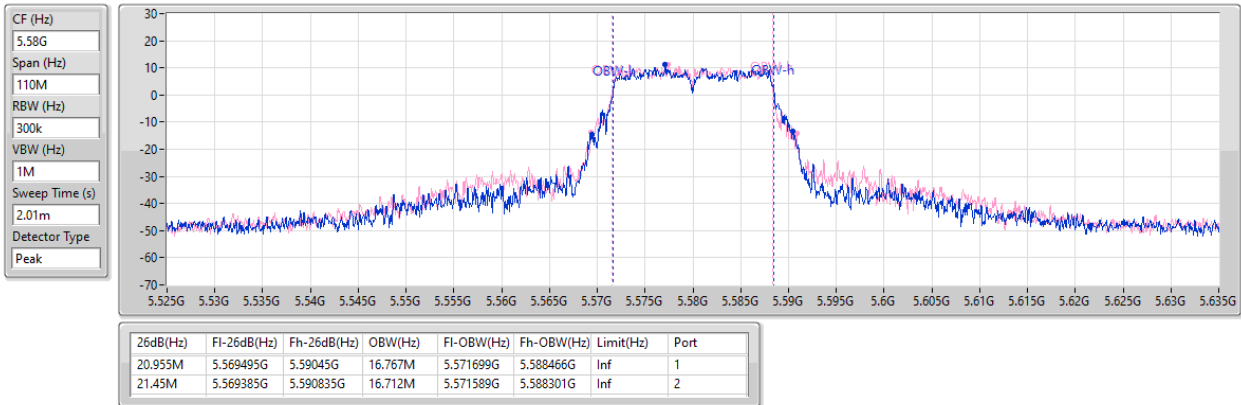


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

23/01/2026

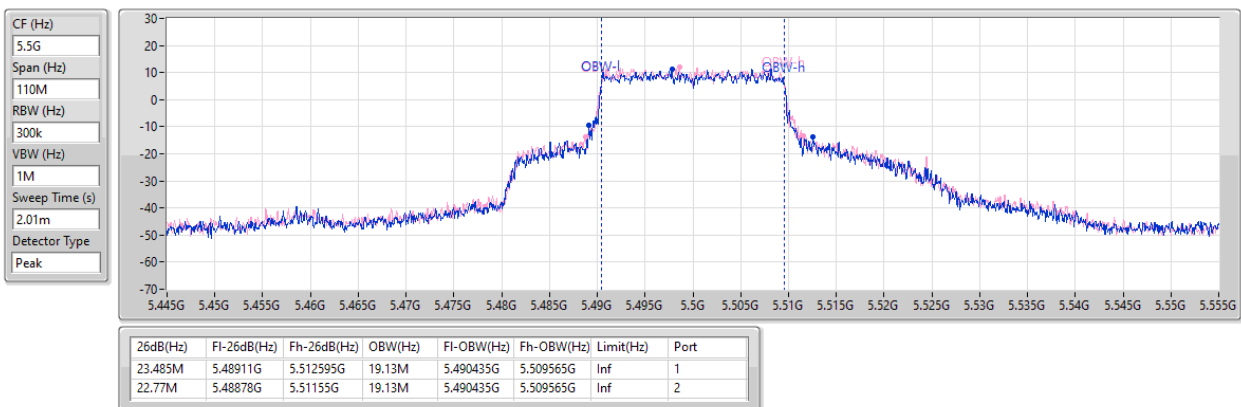


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

23/01/2026

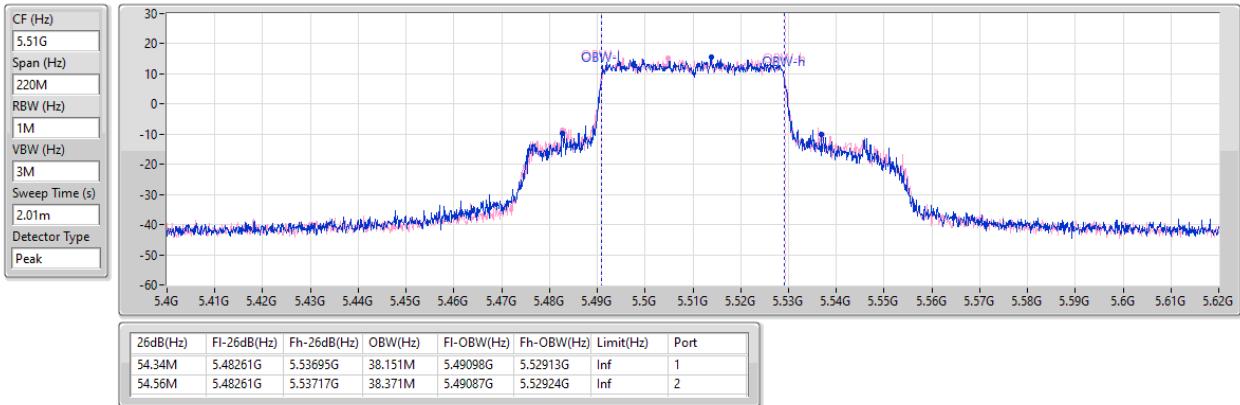


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2026

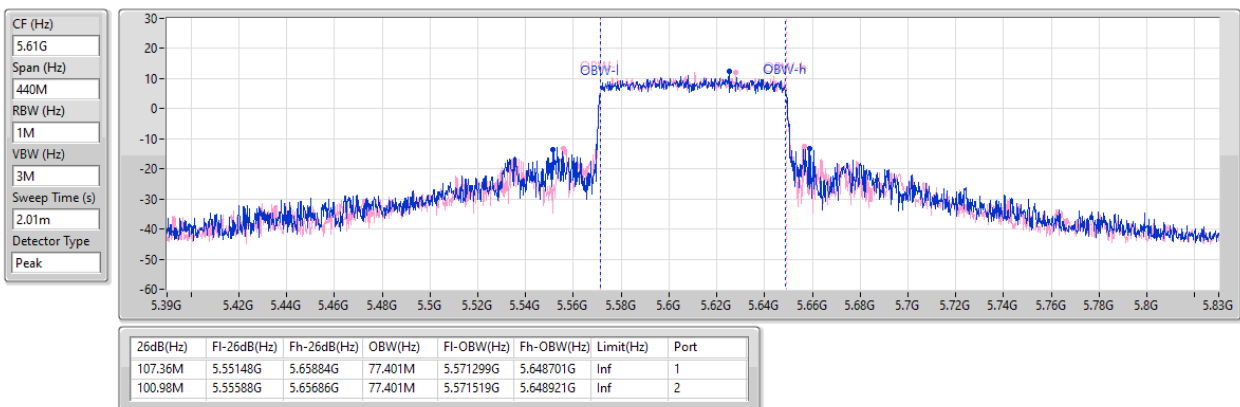


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

23/01/2026



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

EBW

5570MHz

23/01/2026

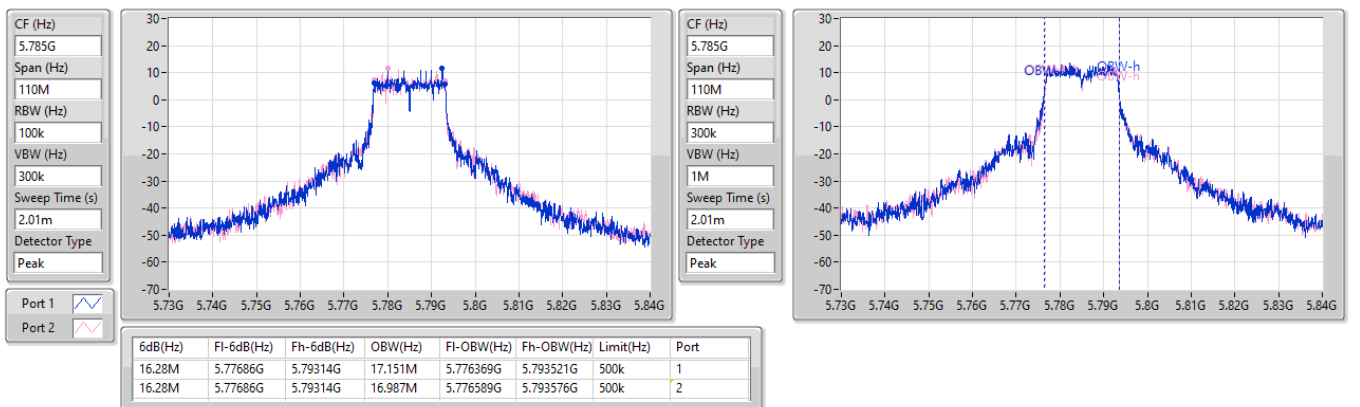


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

23/01/2026

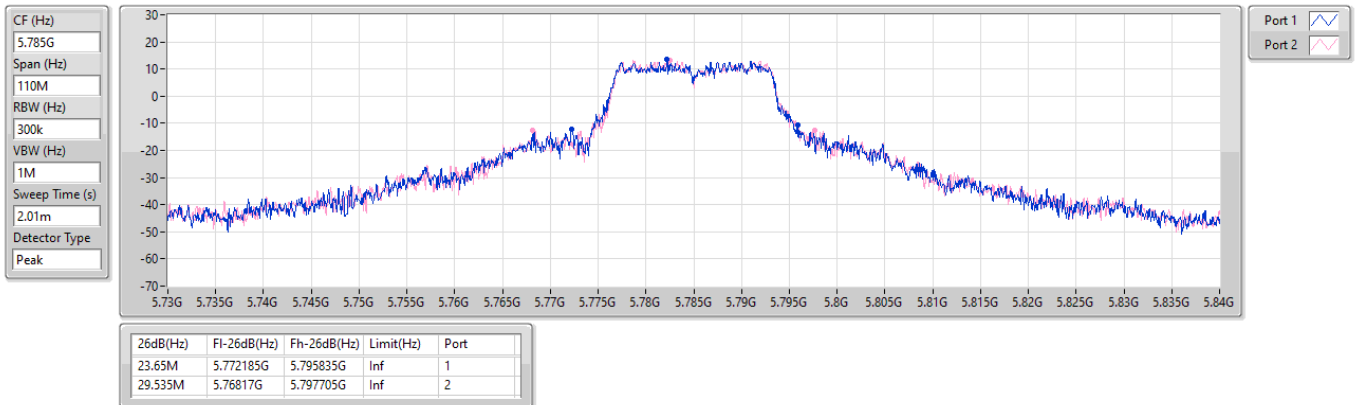


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

23/01/2026

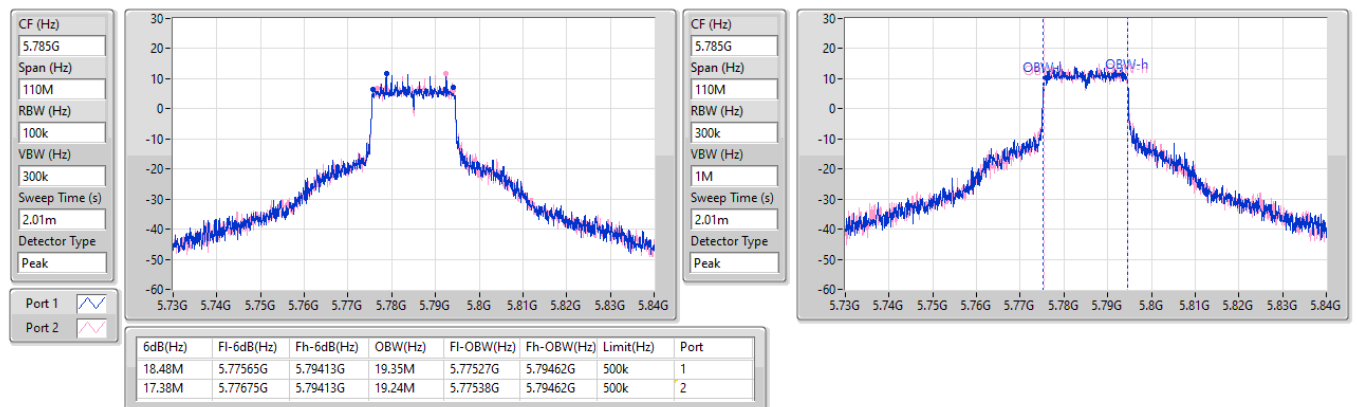


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

23/01/2026

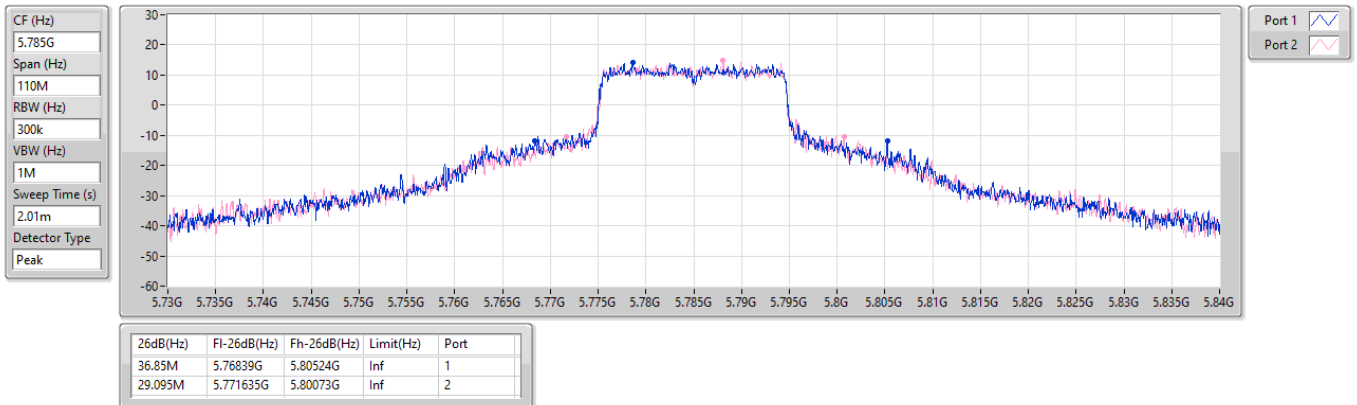


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

23/01/2026

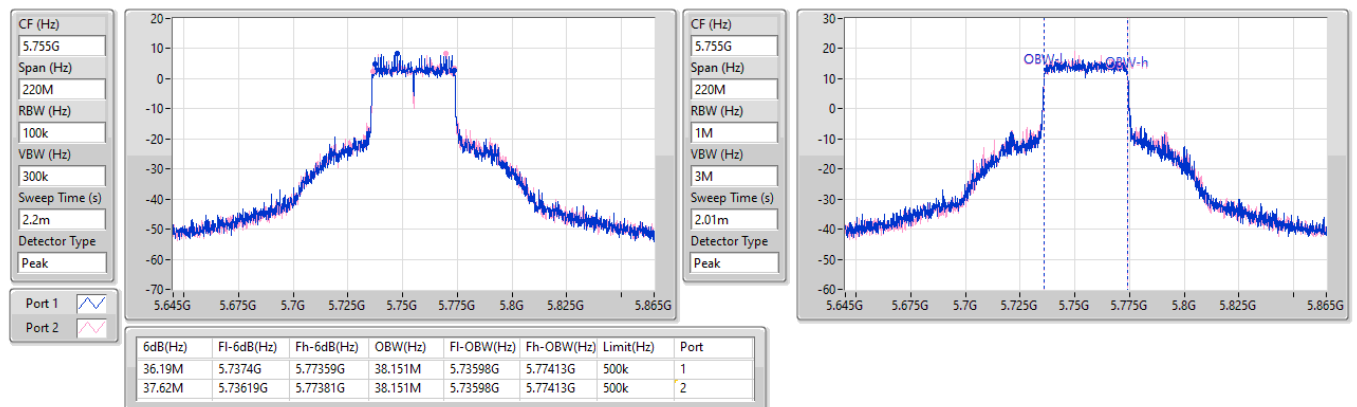


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

23/01/2026

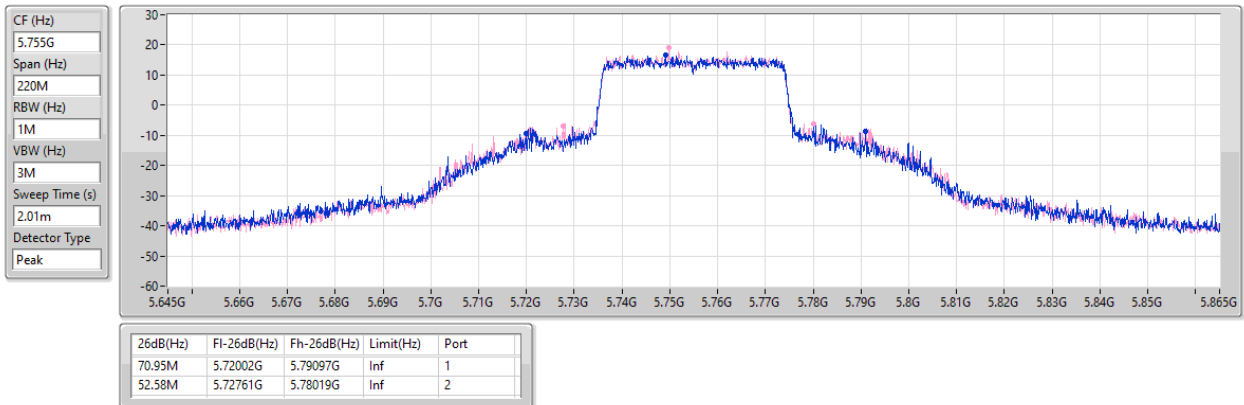


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

23/01/2026

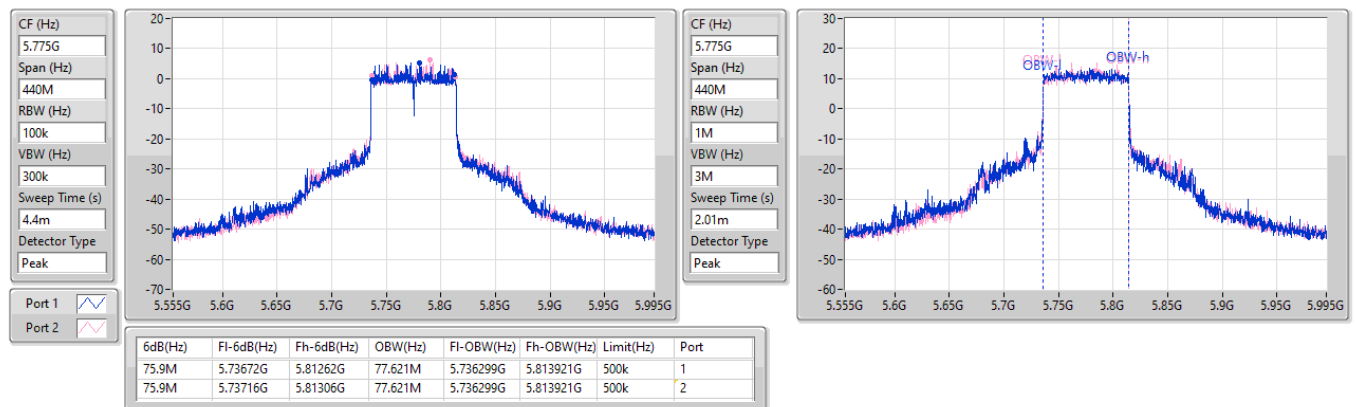


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

23/01/2026



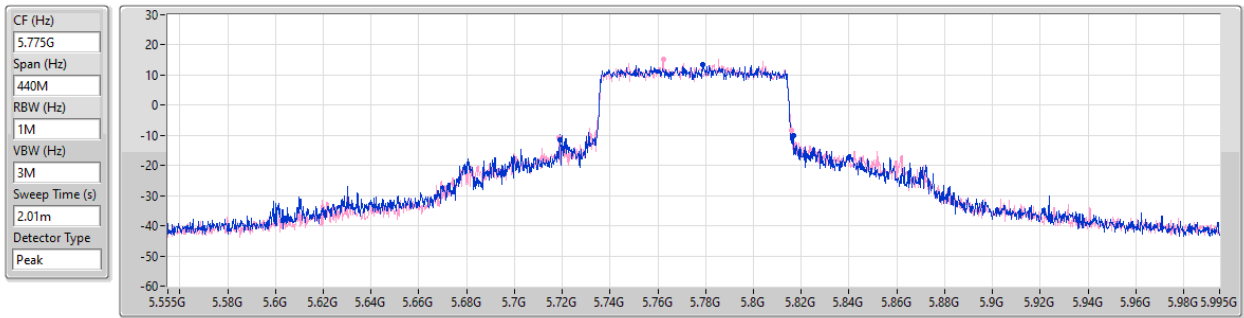


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

23/01/2026



26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
97.68M	5.7189G	5.81658G	Inf	1
97.24M	5.71868G	5.81592G	Inf	2

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	39.215M	19.35M	19M4D1D	23.595M	19.13M
802.11be EHT40_Nss2,(MCS0)_2TX	72.16M	38.371M	38M4D1D	48.73M	38.151M
802.11be EHT80_Nss2,(MCS0)_2TX	86.9M	77.401M	77M4D1D	82.72M	77.181M
802.11be EHT160_Nss2,(MCS0)_2TX	94.56M	78.281M	78M3D1D	87.12M	78.121M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	26.455M	19.13M	19M1D1D	21.395M	19.075M
802.11be EHT40_Nss2,(MCS0)_2TX	63.36M	38.261M	38M3D1D	43.23M	38.041M
802.11be EHT80_Nss2,(MCS0)_2TX	84.7M	77.401M	77M4D1D	82.06M	77.401M
802.11be EHT160_Nss2,(MCS0)_2TX	83.12M	78.201M	78M2D1D	82.8M	78.121M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	26.95M	19.185M	19M2D1D	15.99M	14.543M
802.11be EHT40_Nss2,(MCS0)_2TX	47.52M	38.151M	38M2D1D	40.145M	33.898M
802.11be EHT80_Nss2,(MCS0)_2TX	92.475M	77.401M	77M4D1D	81.18M	73.313M
802.11be EHT160_Nss2,(MCS0)_2TX	165.44M	156.562M	157MD1D	164.56M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	18.81M	19.35M	19M4D1D	4.44M	4.898M
802.11be EHT40_Nss2,(MCS0)_2TX	37.4M	38.921M	38M9D1D	3.74M	16.452M
802.11be EHT80_Nss2,(MCS0)_2TX	75.68M	77.621M	77M6D1D	3.86M	21.029M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.595M	19.185M	24.42M	19.13M
5200MHz	Pass	Inf	25.3M	19.13M	26.125M	19.185M
5240MHz	Pass	Inf	27.06M	19.24M	39.215M	19.35M
5260MHz	Pass	Inf	24.365M	19.075M	21.56M	19.075M
5300MHz	Pass	Inf	21.395M	19.13M	26.455M	19.13M
5320MHz	Pass	Inf	23.155M	19.13M	25.355M	19.13M
5500MHz	Pass	Inf	26.95M	19.02M	23.43M	19.075M
5580MHz	Pass	Inf	21.945M	19.075M	21.67M	19.13M
5700MHz	Pass	Inf	21.45M	19.185M	21.34M	19.02M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.99M	14.543M	16.695M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.898M	4.46M	5.057M
5745MHz	Pass	500k	18.81M	19.185M	17.71M	19.295M
5785MHz	Pass	500k	18.755M	19.35M	18.645M	19.35M
5825MHz	Pass	500k	18.535M	19.35M	18.04M	19.295M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	50.71M	38.151M	48.73M	38.151M
5230MHz	Pass	Inf	66.33M	38.371M	72.16M	38.261M
5270MHz	Pass	Inf	60.61M	38.041M	63.36M	38.261M
5310MHz	Pass	Inf	51.59M	38.261M	43.23M	38.151M
5510MHz	Pass	Inf	46.09M	38.151M	47.52M	38.151M
5550MHz	Pass	Inf	44.22M	38.041M	41.14M	37.931M
5670MHz	Pass	Inf	40.48M	37.931M	40.7M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	47.425M	33.898M	40.145M	34.073M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	16.892M	3.84M	16.452M
5755MHz	Pass	500k	36.85M	38.371M	37.07M	38.151M
5795MHz	Pass	500k	37.4M	38.921M	37.18M	38.591M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.9M	77.181M	82.72M	77.401M
5290MHz	Pass	Inf	82.06M	77.401M	84.7M	77.401M
5530MHz	Pass	Inf	86.24M	77.401M	84.7M	77.401M
5610MHz	Pass	Inf	81.62M	77.181M	81.18M	77.181M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	88.575M	73.313M	92.475M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	24.068M	3.86M	21.029M
5775MHz	Pass	500k	75.68M	77.401M	75.68M	77.621M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	87.12M	78.121M	94.56M	78.281M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.12M	78.201M	82.8M	78.121M
5570MHz	Pass	Inf	164.56M	156.122M	165.44M	156.562M

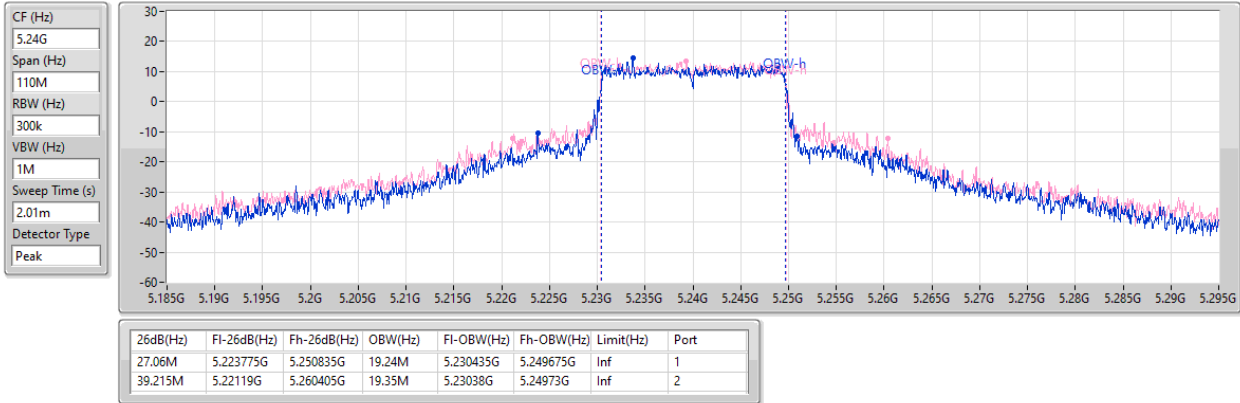
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

23/01/2026

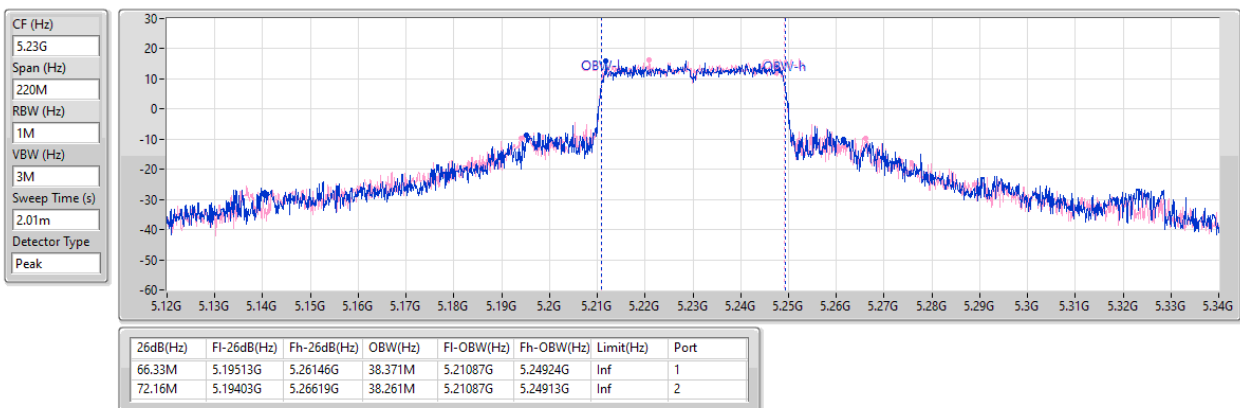


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5230MHz

23/01/2026

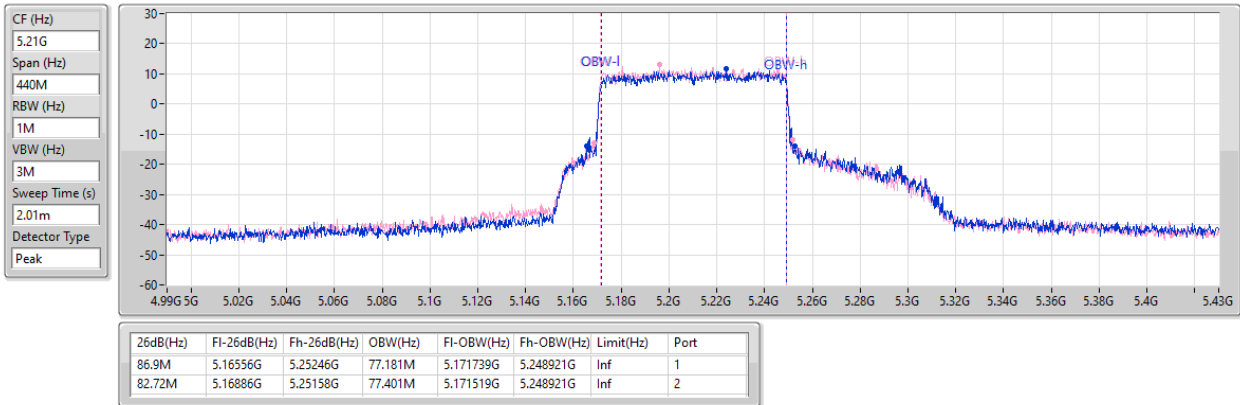


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

23/01/2026

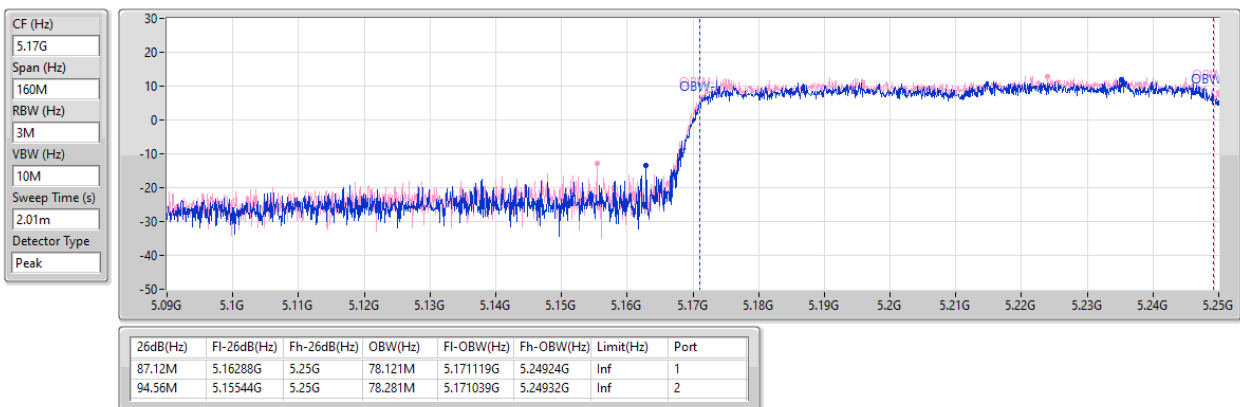


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

23/01/2026

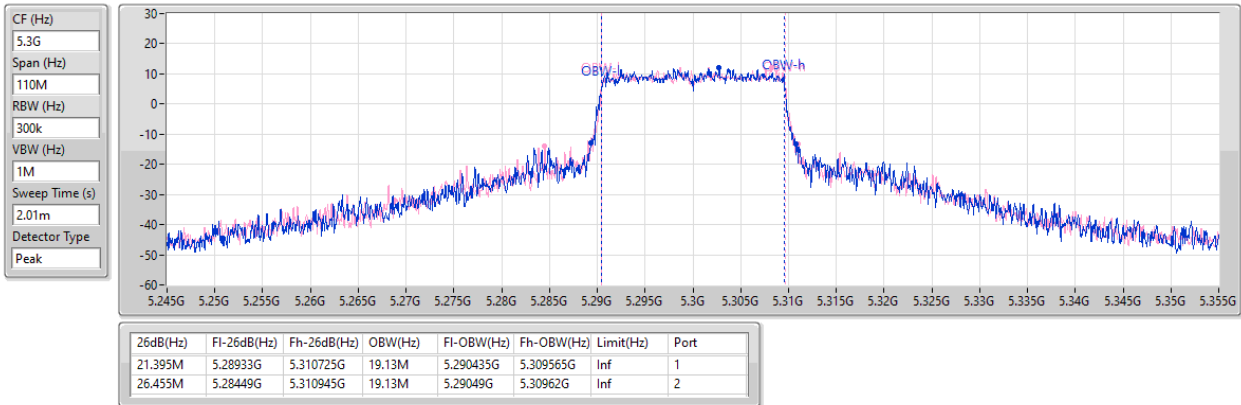


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

23/01/2026

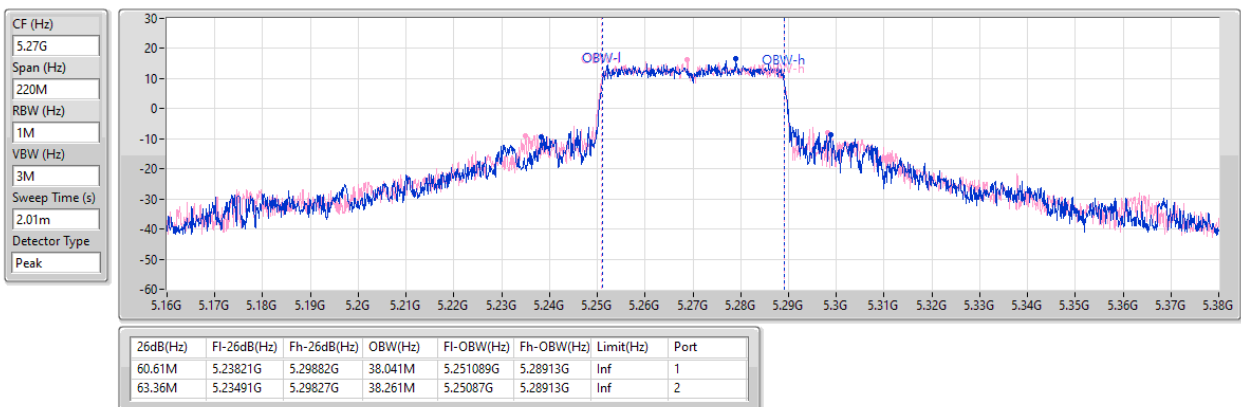


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

23/01/2026

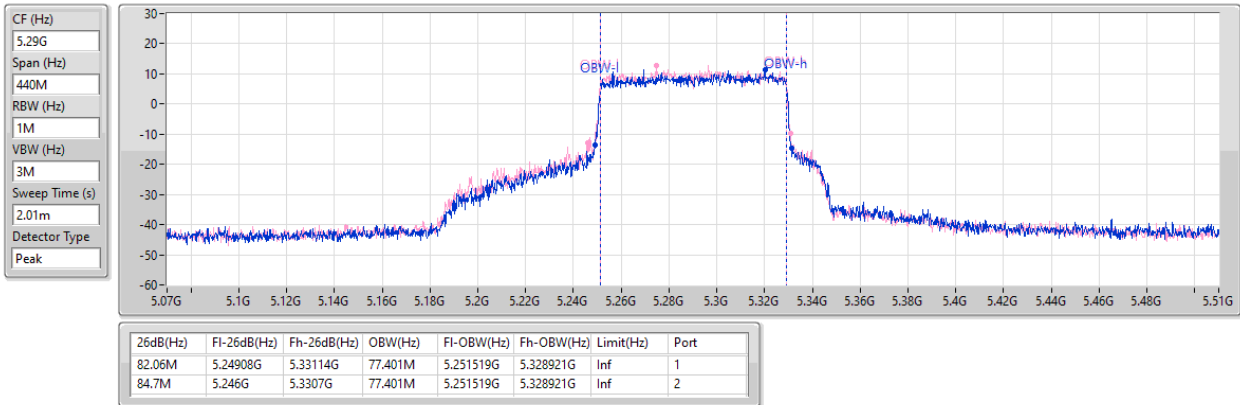


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

23/01/2026

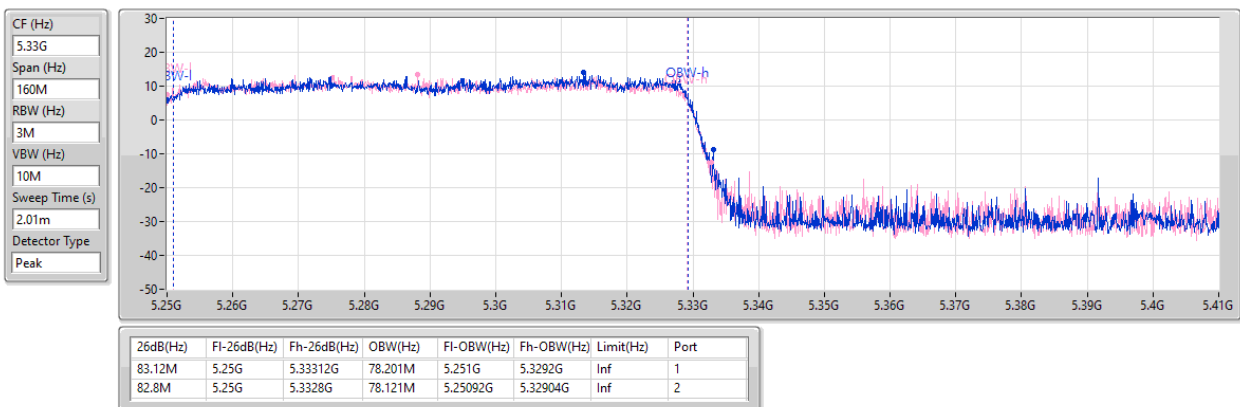


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

23/01/2026

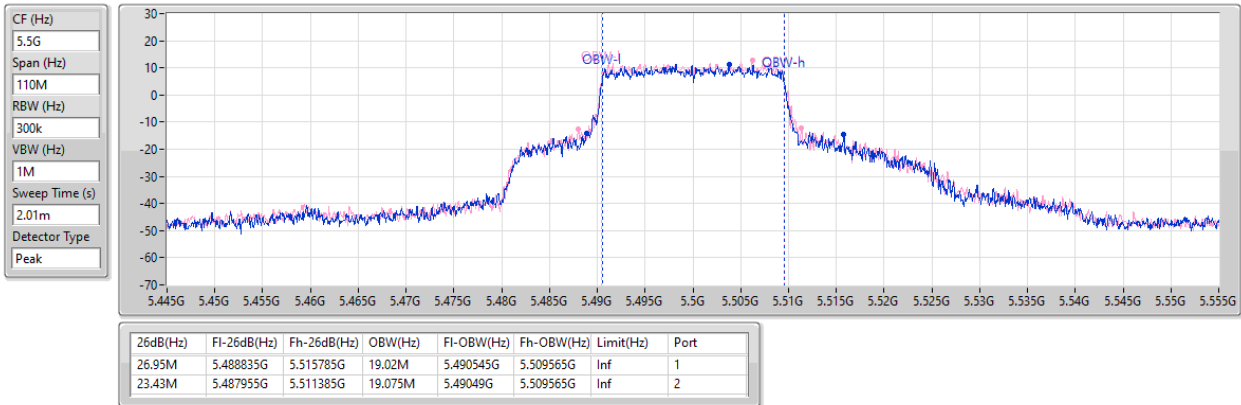


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5500MHz

23/01/2026

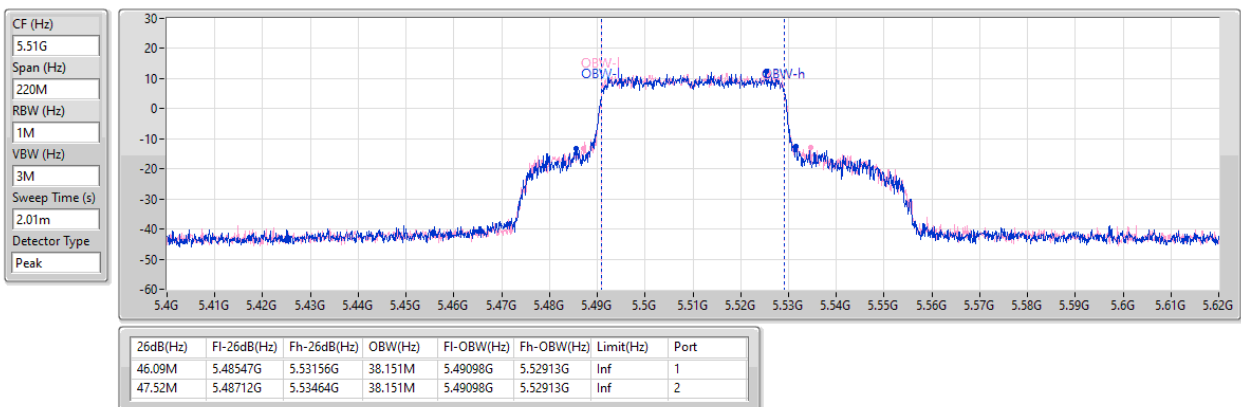


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

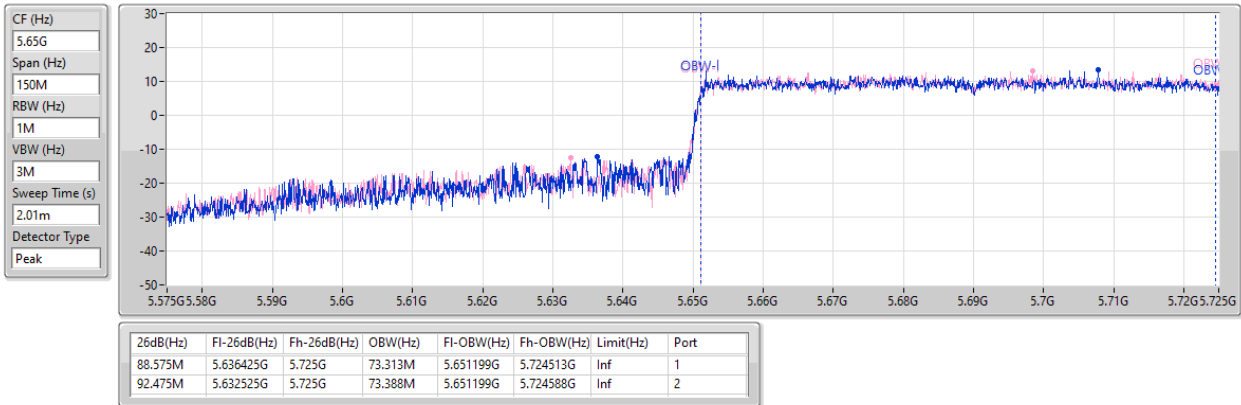
5510MHz

23/01/2026

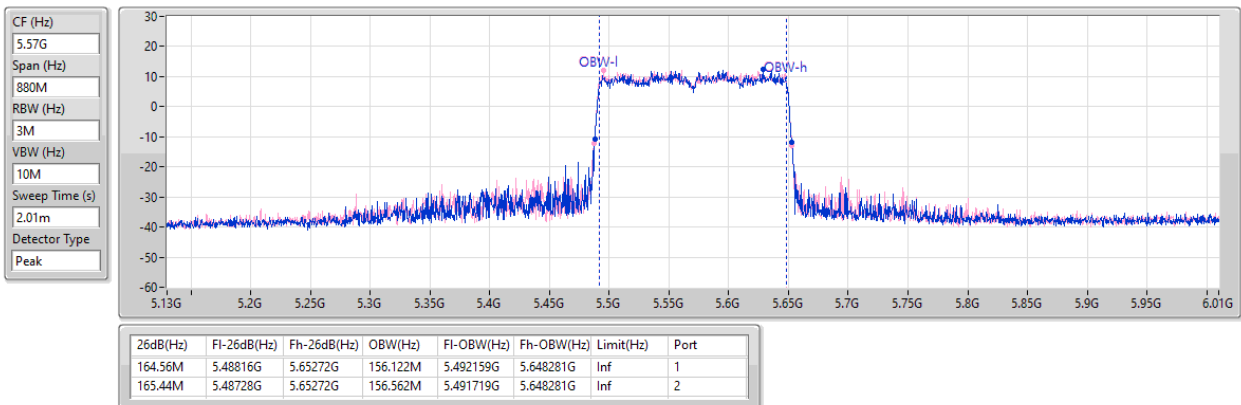


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

23/01/2026


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
5570MHz

23/01/2026

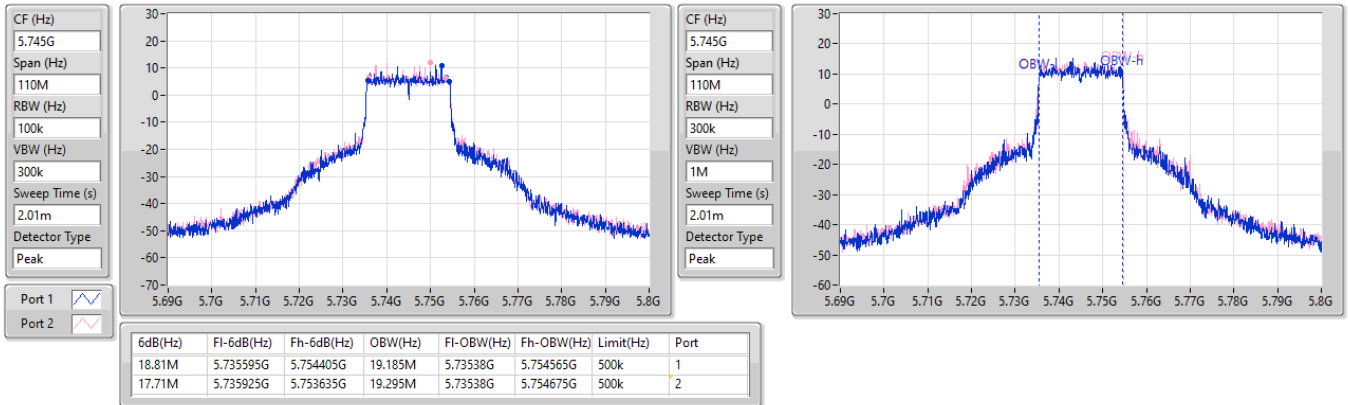


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5745MHz

23/01/2026

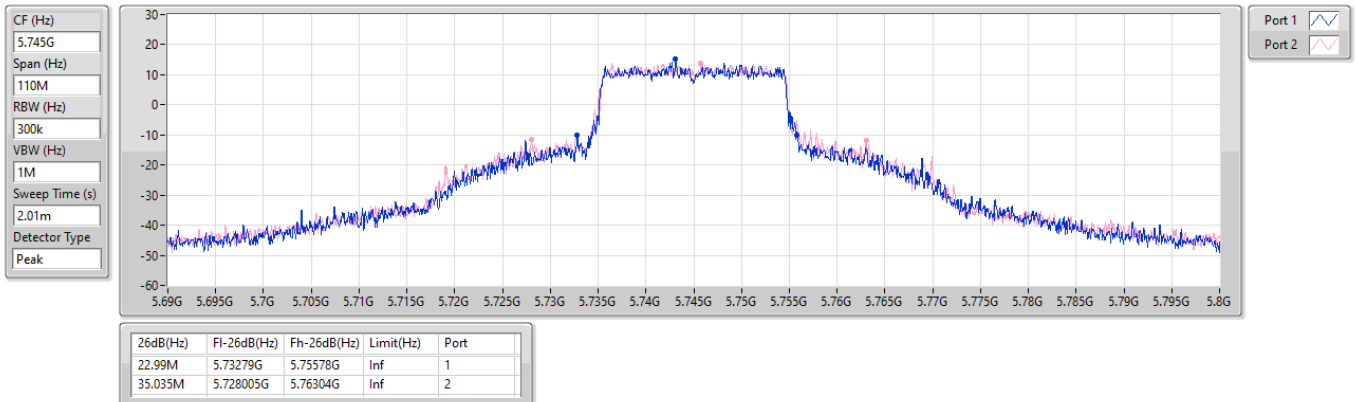


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5745MHz

23/01/2026

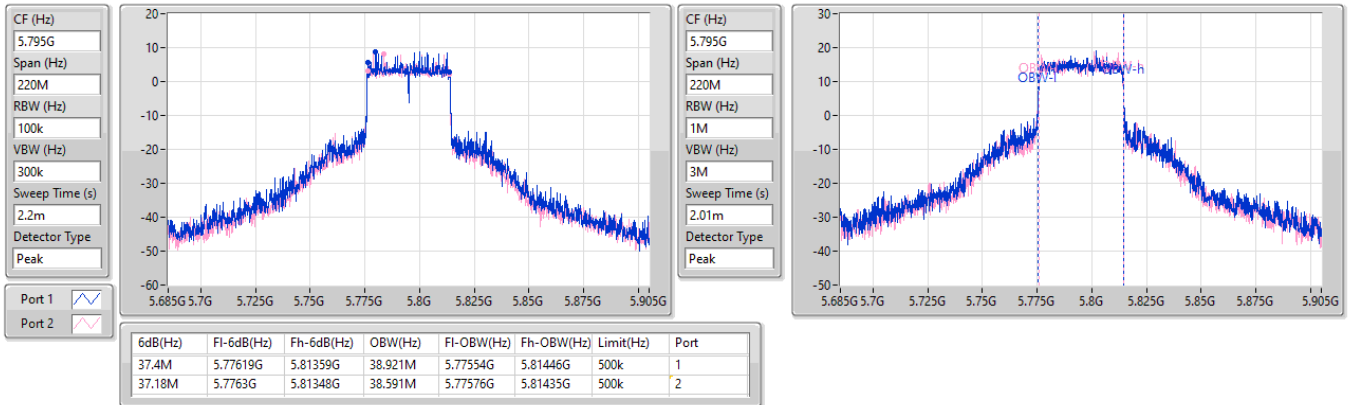


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5795MHz

23/01/2026

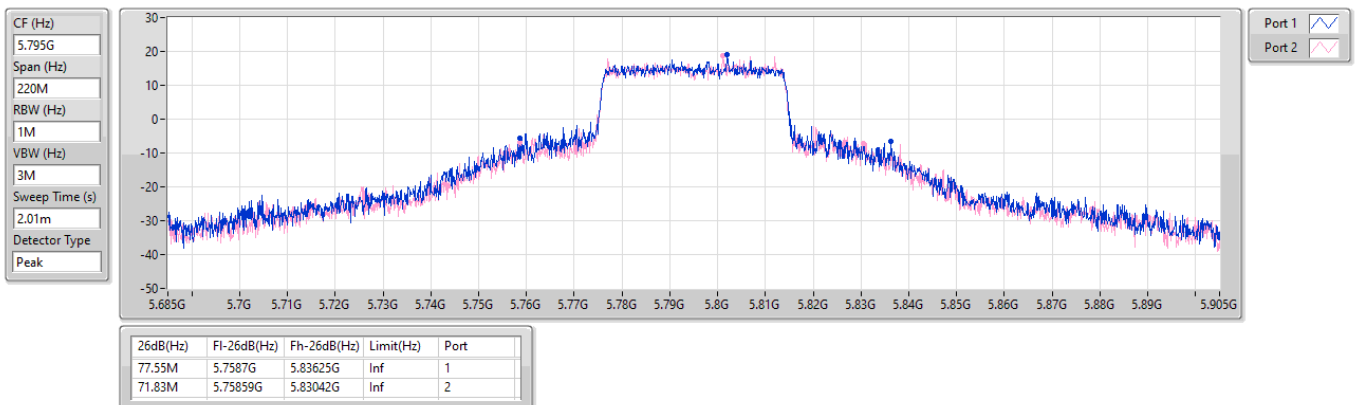


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5795MHz

23/01/2026

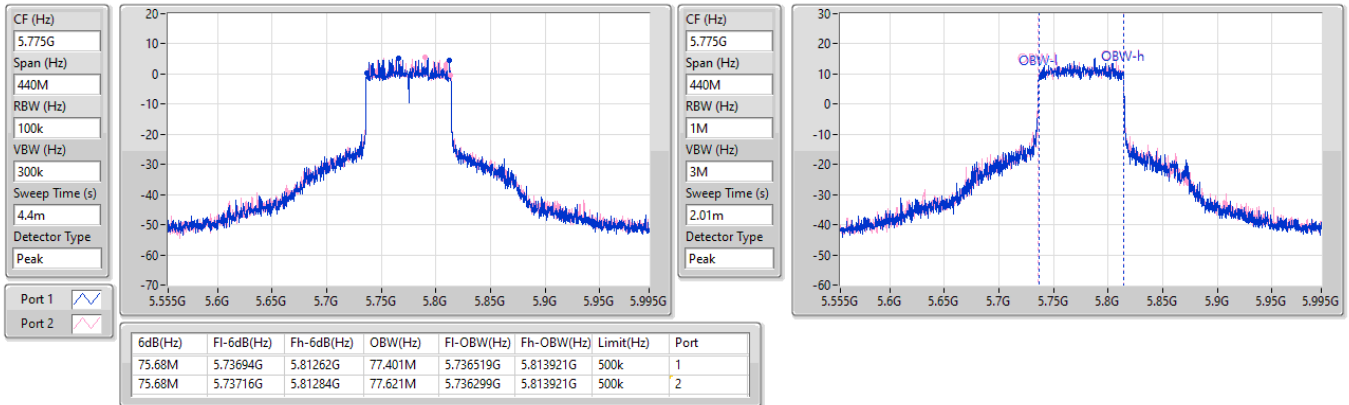


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

23/01/2026



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

23/01/2026

