

FCC Radio Test Report

FCC ID : QXO-AP4060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP4060X
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 Apr. 17, 2025, and testing was started from May 09, 2025 and completed on Jul. 10, 2025. 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 and shown compliance with the applicable technical standards.

The test results in this variant 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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History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum 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_Scan

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a20	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	a40	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	a80	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	a160	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming_Radio 1_Scan_Indoor

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	a20	20	1TX
5.25-5.35GHz	a20	20	1TX
5.47-5.725GHz	a20	20	1TX
5.725-5.85GHz	a20	20	1TX
5.15-5.25GHz	a40	40	1TX
5.25-5.35GHz	a40	40	1TX
5.47-5.725GHz	a40	40	1TX
5.725-5.85GHz	a40	40	1TX
5.15-5.25GHz	a80	80	1TX
5.25-5.35GHz	a80	80	1TX
5.47-5.725GHz	a80	80	1TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	a80	80	1TX
5.15-5.25GHz	a160	160	1TX
5.25-5.35GHz	a160	160	1TX
5.47-5.725GHz	a160	160	1TX

Non-Beamforming_Radio 1_Scan_Outdoor

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	a20	20	1TX
5.25-5.35GHz	a20	20	1TX
5.47-5.725GHz	a20	20	1TX
5.725-5.85GHz	a20	20	1TX
5.15-5.25GHz	a40	40	1TX
5.25-5.35GHz	a40	40	1TX
5.47-5.725GHz	a40	40	1TX
5.725-5.85GHz	a40	40	1TX
5.15-5.25GHz	a80	80	1TX
5.25-5.35GHz	a80	80	1TX
5.47-5.725GHz	a80	80	1TX
5.725-5.85GHz	a80	80	1TX
5.15-5.25GHz	a160	160	1TX
5.25-5.35GHz	a160	160	1TX
5.47-5.725GHz	a160	160	1TX

**Radio 2**

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_1T1S_Indoor

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_2T1S_Indoor

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_2T2S_Indoor

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_1T1S_Outdoor_Peak Gain

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
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_2T1S_Outdoor_Peak Gain

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



Band	Mode	BWch (MHz)	Nant
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_2T2S_Outdoor_Peak Gain

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

**Non-Beamforming_Radio 2_1T1S_Outdoor_30 Degree Gain**

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
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_2T1S_Outdoor_30 Degree Gain

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



Band	Mode	BWch (MHz)	Nant
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_2T2S_Outdoor_30 Degree Gain

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_Indoor**

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

Beamforming_Radio 2_Outdoor

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

**Radio 3 Low band**

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 3_1T1S_Indoor

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 3_2T1S_Indoor

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 3_2T2S_Indoor**

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 3_1T1S_Outdoor_Peak Gain

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 3_2T1S_Outdoor_Peak Gain

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 3_2T2S_Outdoor_Peak Gain

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 3_1T1S_Outdoor_30 Degree Gain**

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 3_2T1S_Outdoor_30 Degree Gain

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 3_2T2S_Outdoor_30 Degree Gain

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

Beamforming_Radio 3 Indoor

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

Beamforming_Radio 3 Outdoor

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

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, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ 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.



1.1.2 Antenna Information

< AP4060X >

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Signal Plus	61723014SG	Dipole	N-type	2.4G+5G	Radio 1_2.4G Radio 2_5G
2	Signal Plus	61723014SG	Dipole	N-type	2.4G+5G	Radio 1_2.4G Radio 2_5G
3	Signal Plus	61723014SG	Dipole	N-type	5G+6G	Radio 3_5GL/6G
4	Signal Plus	61723014SG	Dipole	N-type	5G+6G	Radio 3_5GL/6G
5	Sercomm	6172008HWA5	PIFA	I-Pex	2.4G+5G+6G	Radio 1_Scan
6	Sercomm	6172008HWA6	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_H
7	Sercomm	6172008HWA7	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_V
8	Sercomm	6172008HWA8	PIFA	I-Pex	BT+802.15.4	BLE_chain 0_I
9	Sercomm	6172008HWA9	PIFA	I-Pex	GPS	GPS
10	Signal Plus	61723015SG	Omni	N-type	BT+802.15.4	BLE_chain 0_E
11	Signal Plus	6172300VSG	Patch	N-type	2.4G+5G+6G	Radio 1_2.4G Radio 2_5G Radio 3_5GL/6G
12	Signal Plus	61723016SG	Patch	N-type	2.4G+5G+6G	Radio 1_2.4G Radio 2_5G Radio 3_5GL/6G

Ant.	Port	Gain (dBi)													
		2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0-I	GPS	BT0-E
1	1	4.45	4.76	4.21	4.32	4.64	-	-	-	-	-	-	-	-	-
2	2	4.45	4.76	4.21	4.32	4.64	-	-	-	-	-	-	-	-	-
3	1	-	4.76	4.21	-	-	6.69	6.72	7.40	6.85	-	-	-	-	-
4	2	-	4.76	4.21	-	-	6.69	6.72	7.40	6.85	-	-	-	-	-
5	1	3.70	2.89	3.35	4.93	3.56	4.96	3.88	3.55	4.32	-	-	-	-	-
6	2	-	-	-	-	-	-	-	-	-	3.13	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	-	4.00	-	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	3.75	-	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	2.31	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5.65
11-1	1	7.3	6.27	6.43	6.72	6.47	-	-	-	-	-	-	-	-	-
11-2	2	7.3	6.27	6.43	6.72	6.47	-	-	-	-	-	-	-	-	-
11-3	1	-	6.27	6.43	-	-	6.72	6.53	6.5	6.49	-	-	-	-	-
11-4	2	-	6.27	6.43	-	-	6.72	6.53	6.5	6.49	-	-	-	-	-
12-1	1	12.34	12.08	12.3	12.2	12.24	-	-	-	-	-	-	-	-	-
12-2	2	12.34	12.08	12.3	12.2	12.24	-	-	-	-	-	-	-	-	-
12-3	1	-	12.08	12.3	-	-	12.39	11.63	12.32	12.25	-	-	-	-	-
12-4	2	-	12.08	12.3	-	-	12.39	11.63	12.32	12.25	-	-	-	-	-



Ant.	Port	Cable loss													
		2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0-I	GPS	BT0-E
1	1	0.69	1.15	1.04	1.13	1.22	-	-	-	-	-	-	-	-	-
2	2	0.55	0.90	0.95	0.88	0.98	-	-	-	-	-	-	-	-	-
3	1	-	0.90	0.85	-	-	0.84	0.92	0.88	0.87	-	-	-	-	-
4	2	-	1.17	1.10	-	-	1.23	1.15	1.37	1.16	-	-	-	-	-
5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88
11-1	1	0.69	1.15	1.04	1.13	1.22	-	-	-	-	-	-	-	-	-
11-2	2	0.55	0.90	0.95	0.88	0.98	-	-	-	-	-	-	-	-	-
11-3	1	-	0.90	0.85	-	-	0.84	0.92	0.88	0.87	-	-	-	-	-
11-4	2	-	1.17	1.10	-	-	1.23	1.15	1.37	1.16	-	-	-	-	-
12-1	1	1.20	1.89	1.78	1.87	1.96	-	-	-	-	-	-	-	-	-
12-2	2	1.06	1.64	1.69	1.62	1.72	-	-	-	-	-	-	-	-	-
12-3	1	-	1.64	1.59	-	-	1.65	1.73	1.69	1.68	-	-	-	-	-
12-4	2	-	1.91	1.84	-	-	2.04	1.96	2.18	1.97	-	-	-	-	-

Ant.	Port	Net Antenna Gain (dBi)													
		2.4G	UNII-1	UNII-2 A	UNII-2 C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0-I	GPS	BT0-E
1	1	3.76	3.61	3.17	3.19	3.42	-	-	-	-	-	-	-	-	-
2	2	3.90	3.86	3.26	3.44	3.66	-	-	-	-	-	-	-	-	-
3	1	-	3.86	3.36	-	-	5.85	5.80	6.52	5.98	-	-	-	-	-
4	2	-	3.59	3.11	-	-	5.46	5.57	6.03	5.69	-	-	-	-	-
5	1	3.70	2.89	3.35	4.93	3.56	4.96	3.88	3.55	4.32	-	-	-	-	-
6	2	-	-	-	-	-	-	-	-	-	3.13	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	-	4.00	-	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	3.75	-	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	3.80	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.77
11-1	1	6.61	5.12	5.39	5.59	5.25	-	-	-	-	-	-	-	-	-
11-2	2	6.75	5.37	5.48	5.84	5.49	-	-	-	-	-	-	-	-	-
11-3	1	-	5.37	5.58	-	-	5.88	5.61	5.62	5.62	-	-	-	-	-
11-4	2	-	5.10	5.33	-	-	5.49	5.38	5.13	5.33	-	-	-	-	-
12-1	1	11.14	10.19	10.52	10.33	10.28	-	-	-	-	-	-	-	-	-
12-2	2	11.28	10.44	10.61	10.58	10.52	-	-	-	-	-	-	-	-	-
12-3	1	-	10.44	10.71	-	-	10.74	9.90	10.63	10.57	-	-	-	-	-
12-4	2	-	10.17	10.46	-	-	10.35	9.67	10.14	10.28	-	-	-	-	-



Ant.	Port	30 Degree Gain (dBi)			
		UNII-1	UNII-5	UNII-6	UNII-7
1~2	1~2	3.33	-	-	-
3~4	1~2	3.33	4.37	2.36	3.29
11	1~2	3.6	-	-	-
	1~2	3.6	3.58	4.14	4.17
12	1~2	3.55	-	-	-
	1~2	3.55	4.05	4.07	4.43

Note 1: The EUT has twelve antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit.

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

Ant. 11-1 (port 1) could transmit.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could receive simultaneously.

Ant. 12-1 (port 1) could transmit.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could receive simultaneously.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could transmit/receive simultaneously.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could transmit/receive simultaneously.

For b20/g20 mode (1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For 5GHz function:

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

Ant. 1 (port 1) could transmit.

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

Ant. 11-1 (port 1) could transmit.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could receive simultaneously.

Ant. 12-1 (port 1) could transmit.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could receive simultaneously.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

Ant. 11-1 (port 1) and Ant. 11-2 (port 2) could transmit/receive simultaneously.

Ant. 12-1 (port 1) and Ant. 12-2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (1TX/2RX) < **Radio 3 > Low band**

Ant. 3 (port 1) could transmit.

Ant. 3 (port 1) and Ant. 4 (port 2) receive simultaneously.

Ant. 11-3 (port 1) could transmit.

Ant. 11-3 (port 1) and Ant. 11-4 (port 2) could receive simultaneously.

Ant. 12-3 (port 1) could transmit.

Ant. 12-3 (port 1) and Ant. 12-4 (port 2) could receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/2RX) < **Radio 3 > Low band**

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

Ant. 11-3 (port 1) and Ant. 11-4 (port 2) could transmit/receive simultaneously.

Ant. 12-3 (port 1) and Ant. 12-4 (port 2) could transmit/receive simultaneously.

For a20/a40/a80/a160 mode (1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) < **chain 0** >

Ant. 8 (port 1) could transmit/receive.

Ant. 10 (port 1) could transmit/receive.

For IEEE 802.15.1 Bluetooth mode (1TX/2RX) < chain 1>

Ant. 6 (port 2) and Ant. 7 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 7 (port 1) and it was recorded in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX) < chain 0 >

Ant. 8 (port 1) could transmit/receive.

Ant. 10 (port 1) could transmit/receive.

For IEEE 802.15.1 Bluetooth mode (1TX/2RX) < chain 1>

Ant. 6 (port 2) and Ant. 7 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 7 (port 1) and it was recorded in this test report.

Note 2: Directional gain information

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From 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(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)
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:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming_Radio 1_Scan_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
a20_Nss1,(6Mbps)_1TX	0.537	2.7	128.75u	10k
a40_Nss1,(6Mbps)_1TX	0.545	2.64	128.75u	10k
a80_Nss1,(6Mbps)_1TX	0.542	2.66	128.75u	10k
a160_Nss1,(6Mbps)_1TX	0.544	2.64	128.75u	10k

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

Non-Beamforming_Radio 2_1T1S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.99	0.04	3.011m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.981	0.08	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T1S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.99	0.04	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T2S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.988	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

**Non-Beamforming_Radio 2_1T1S_Patch_Indoor**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.99	0.04	3.011m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.981	0.08	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T1S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.99	0.04	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T2S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.988	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 3_1T1S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 3_1T1S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 1_Scan_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
a20_Nss1,(6Mbps)_1TX	0.537	2.7	128.75u	10k
a40_Nss1,(6Mbps)_1TX	0.545	2.64	128.75u	10k
a80_Nss1,(6Mbps)_1TX	0.542	2.66	128.75u	10k
a160_Nss1,(6Mbps)_1TX	0.544	2.64	128.75u	10k

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

**Non-Beamforming_Radio 2_1T1S_Dipole_Outdoor_Peak Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.99	0.04	3.011m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.981	0.08	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T1S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.99	0.04	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T2S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.988	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 2_1T1S_Patch_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.99	0.04	3.011m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.981	0.08	1.909m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 2_2T1S_Patch_Outdoor_Peak Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.99	0.04	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T2S_Patch_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.988	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

**Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_Peak Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_Peak Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 2_1T1S_Dipole_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.99	0.04	3.011m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.981	0.08	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T1S_Dipole_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.99	0.04	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 2_2T2S_Dipole_Outdoor_30 Degree Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.988	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 2_1T1S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.99	0.04	3.011m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.989	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.981	0.08	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T1S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.99	0.04	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_2T2S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.988	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.463m	1k
802.11be EHT160_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.988	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.988	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_30 Degree Gain

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.989	0.05	2.852m	10Hz (DC>=0.98)
802.11be EHT40_Nss2,(MCS0)_2TX	0.988	0.05	2.846m	10Hz (DC>=0.98)
802.11be EHT80_Nss2,(MCS0)_2TX	0.978	0.1	1.462m	1k

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

**Beamforming_Radio 2_Dipole_Indoor**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Beamforming_Radio 2_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Beamforming_Radio 3_Dipole_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Beamforming_Radio 3_Patch_Indoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Beamforming_Radio 2_Dipole_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Beamforming_Radio 2_Patch_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.867m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.85m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.844m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.98	0.09	1.909m	10Hz (DC>=0.98)

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

Beamforming_Radio 3_Dipole_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

Beamforming_Radio 3_Patch_Outdoor

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.866m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.848m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.989	0.05	2.842m	10Hz (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
AP4060	Internal antennas
AP4060X	External antennas

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: **FR512205-01AN**

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add model name. (AP4060X)	All

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
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ 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	CO04-HY	Jack Tang	21.5~22.3°C / 54~59%	13/May/2025~15/May/2025
Radiated	03CH03-HY	Simon Cheng	21.1~22.0°C / 58~62%	09/May/2025~18/May/2025
Radiated (Co-location)	03CH02-HY	Daniel Lin	21.7~22.4°C / 57~61%	28/May/2025~30/May/2025
☒ 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	22.6~23.8°C / 56~69%	20/May/2025~10/Jul/2025
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: 886-3-318-0787 FAX: 886-3-318-0287			
Test site Designation No. TW0008 with FCC.				

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

Radio 1_Scan

Test Software Version	PuTTY Release 0.62
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Non-Beamforming_Radio 1_Scan_Indoor

Mode	Power Setting
a20_Nss1,(6Mbps)_1TX	-
5180MHz	66
5200MHz	78
5240MHz	77
5260MHz	75
5300MHz	75
5320MHz	61
5500MHz	69
5580MHz	77
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	75
5720MHz Straddle 5.725-5.85GHz	75
5745MHz	80
5785MHz	80
5825MHz	80
a40_Nss1,(6Mbps)_1TX	-
5190MHz	50
5230MHz	69
5270MHz	64
5310MHz	45
5510MHz	45
5550MHz	69
5670MHz	59
5710MHz Straddle 5.47-5.725GHz	68
5710MHz Straddle 5.725-5.85GHz	68
5755MHz	80
5795MHz	80
a80_Nss1,(6Mbps)_1TX	-
5210MHz	54



Mode	Power Setting
5290MHz	49
5530MHz	49
5610MHz	67
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
5775MHz	80
a160_Nss1,(6Mbps)_1TX	-
5250MHz Straddle 5.15-5.25GHz	43
5250MHz Straddle 5.25-5.35GHz	43
5570MHz	44

Non-Beamforming_Radio 1_Scan_Outdoor

Mode	Power Setting
a20_Nss1,(6Mbps)_1TX	-
5180MHz	66
5200MHz	78
5240MHz	77
5260MHz	75
5300MHz	75
5320MHz	61
5500MHz	69
5580MHz	77
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	75
5720MHz Straddle 5.725-5.85GHz	75
5745MHz	80
5785MHz	80
5825MHz	80
a40_Nss1,(6Mbps)_1TX	-
5190MHz	50
5230MHz	69
5270MHz	64
5310MHz	45
5510MHz	45
5550MHz	69
5670MHz	59



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	68
5710MHz Straddle 5.725-5.85GHz	68
5755MHz	80
5795MHz	80
a80_Nss1,(6Mbps)_1TX	-
5210MHz	54
5290MHz	49
5530MHz	49
5610MHz	67
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
5775MHz	80
a160_Nss1,(6Mbps)_1TX	-
5250MHz Straddle 5.15-5.25GHz	43
5250MHz Straddle 5.25-5.35GHz	43
5570MHz	44

**Radio 2, Radio 3**

Test Software Version	accessMTool_REL_3_3_0_4
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Non-Beamforming_Radio 2_1T1S_Dipole_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	75
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	80



Mode	Power Setting
5230MHz	80
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	80
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	80
5250MHz Straddle 5.25-5.35GHz	80
5570MHz	75

Non-Beamforming_Radio 2_2T1S_Dipole_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80



Mode	Power Setting
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	80
5230MHz	80
5270MHz	80
5310MHz	80
5510MHz	79
5550MHz	80
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	80
5290MHz	80
5530MHz	80
5610MHz	80



Mode	Power Setting
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	74
5250MHz Straddle 5.25-5.35GHz	74
5570MHz	66

Non-Beamforming_Radio 2_2T2S_Dipole_Indoor

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	80
5230MHz	80
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80



Mode	Power Setting
5795MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	80
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	75
5250MHz Straddle 5.25-5.35GHz	75
5570MHz	64

Non-Beamforming_Radio 2_1T1S_Patche_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	80
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80



Mode	Power Setting
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	62
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	80
5230MHz	80
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	75
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	80
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73
5570MHz	68

**Non-Beamforming_Radio 2_2T1S_Patch_Indoor**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	59
5300MHz	60
5320MHz	61
5500MHz	60
5580MHz	62
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	61
5720MHz Straddle 5.725-5.85GHz	61
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	62
5300MHz	62
5320MHz	63
5500MHz	62
5580MHz	64
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	80
5230MHz	80
5270MHz	67
5310MHz	68



Mode	Power Setting
5510MHz	67
5550MHz	68
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	80
5290MHz	68
5530MHz	69
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	66
5250MHz Straddle 5.25-5.35GHz	66
5570MHz	64

Non-Beamforming_Radio 2_2T2S_Patch_Indoor

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	69
5300MHz	69
5320MHz	71
5500MHz	69
5580MHz	71
5700MHz	55
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
5745MHz	80
5785MHz	80



Mode	Power Setting
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	80
5230MHz	80
5270MHz	67
5310MHz	68
5510MHz	68
5550MHz	68
5670MHz	64
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	80
5795MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	80
5290MHz	69
5530MHz	70
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
5775MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	66
5250MHz Straddle 5.25-5.35GHz	66
5570MHz	61

Non-Beamforming_Radio 3_1T1S_Dipole_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-



Mode	Power Setting
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	80
5230MHz	80
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	80
5290MHz	80

Non-Beamforming_Radio 3_2T1S_Dipole_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	77
5230MHz	80
5270MHz	80
5310MHz	80



Mode	Power Setting
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	75
5290MHz	80

Non-Beamforming_Radio 3_2T2S_Dipole_Indoor

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	77
5230MHz	80
5270MHz	80
5310MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	77
5290MHz	80

Non-Beamforming_Radio 3_1T1S_Patch_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	79



Mode	Power Setting
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	72
5230MHz	80
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	69
5290MHz	77

Non-Beamforming_Radio 3_2T1S_Patch_Indoor

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	79
5200MHz	80
5240MHz	80
5260MHz	62
5300MHz	58
5320MHz	60
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	63
5300MHz	60
5320MHz	62
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	71
5230MHz	80
5270MHz	68
5310MHz	67
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	67
5290MHz	68

Non-Beamforming_Radio 3_2T2S_Patch_Indoor

Mode	Power Setting
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Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	71
5300MHz	67
5320MHz	70
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	71
5230MHz	80
5270MHz	69
5310MHz	68
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	67
5290MHz	69

Non-Beamforming_Radio 2_1T1S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	76
5200MHz	76
5240MHz	75
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	75
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	75
5200MHz	74



Mode	Power Setting
5240MHz	73
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	72
5230MHz	72
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	74
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	80
5250MHz Straddle 5.25-5.35GHz	80
5570MHz	75

**Non-Beamforming_Radio 2_2T1S_Dipole_Outdoor_Peak Gain**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	59
5200MHz	59
5240MHz	58
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	59
5200MHz	58
5240MHz	57
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	56
5230MHz	55
5270MHz	80



Mode	Power Setting
5310MHz	80
5510MHz	79
5550MHz	80
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	57
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	69
5250MHz Straddle 5.25-5.35GHz	69
5570MHz	66

Non-Beamforming_Radio 2_2T2S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	58
5200MHz	58
5240MHz	57
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80



Mode	Power Setting
5785MHz	80
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	56
5230MHz	55
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	57
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	69
5250MHz Straddle 5.25-5.35GHz	69
5570MHz	64

Non-Beamforming_Radio 2_1T1S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	44
5200MHz	44
5240MHz	43
5260MHz	80
5300MHz	80
5320MHz	80



Mode	Power Setting
5500MHz	80
5580MHz	80
5700MHz	80
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	44
5200MHz	43
5240MHz	43
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	62
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	41
5230MHz	40
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	75
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-



Mode	Power Setting
5210MHz	41
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	56
5250MHz Straddle 5.25-5.35GHz	56
5570MHz	68

Non-Beamforming_Radio 2_2T1S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	31
5200MHz	30
5240MHz	30
5260MHz	59
5300MHz	60
5320MHz	61
5500MHz	60
5580MHz	62
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	61
5720MHz Straddle 5.725-5.85GHz	61
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	30
5200MHz	30
5240MHz	28
5260MHz	62
5300MHz	62
5320MHz	63



Mode	Power Setting
5500MHz	62
5580MHz	64
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	28
5230MHz	27
5270MHz	67
5310MHz	68
5510MHz	67
5550MHz	68
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	28
5290MHz	68
5530MHz	69
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	43
5250MHz Straddle 5.25-5.35GHz	43
5570MHz	64

**Non-Beamforming_Radio 2_2T2S_Patch_Outdoor_Peak Gain**

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	30
5200MHz	29
5240MHz	29
5260MHz	69
5300MHz	69
5320MHz	71
5500MHz	69
5580MHz	71
5700MHz	55
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	27
5230MHz	26
5270MHz	67
5310MHz	68
5510MHz	68
5550MHz	68
5670MHz	64
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	80
5795MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	27
5290MHz	69
5530MHz	70
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
5775MHz	80



Mode	Power Setting
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	40
5250MHz Straddle 5.25-5.35GHz	40
5570MHz	61

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	69
5200MHz	71
5240MHz	74
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	68
5200MHz	70
5240MHz	74
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	69
5230MHz	73
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	71
5290MHz	80

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	57
5200MHz	59
5240MHz	63
5260MHz	80



Mode	Power Setting
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	57
5200MHz	58
5240MHz	62
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	57
5230MHz	61
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	58
5290MHz	80

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_Peak Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	57
5200MHz	59
5240MHz	62
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	57
5230MHz	61
5270MHz	80
5310MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	58
5290MHz	80

**Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_Peak Gain**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	43
5200MHz	45
5240MHz	48
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	43
5200MHz	45
5240MHz	47
5260MHz	80
5300MHz	79
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	43
5230MHz	46
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	43
5290MHz	77

Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	30
5200MHz	32
5240MHz	35
5260MHz	62
5300MHz	58
5320MHz	60
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	29
5200MHz	31
5240MHz	34



Mode	Power Setting
5260MHz	63
5300MHz	60
5320MHz	62
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	30
5230MHz	33
5270MHz	68
5310MHz	67
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	31
5290MHz	68

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_Peak Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	27
5200MHz	30
5240MHz	33
5260MHz	71
5300MHz	67
5320MHz	70
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	30
5230MHz	34
5270MHz	69
5310MHz	68
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	31
5290MHz	69

Non-Beamforming_Radio 2_1T1S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	77
5200MHz	77
5240MHz	76
5260MHz	80



Mode	Power Setting
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	75
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	76
5200MHz	75
5240MHz	74
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	74
5230MHz	73
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80



Mode	Power Setting
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	75
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	80
5250MHz Straddle 5.25-5.35GHz	80
5570MHz	75

Non-Beamforming_Radio 2_2T1S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	61
5200MHz	61
5240MHz	60
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	61
5200MHz	60
5240MHz	59
5260MHz	80



Mode	Power Setting
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	59
5230MHz	58
5270MHz	80
5310MHz	80
5510MHz	79
5550MHz	80
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	59
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73
5570MHz	66

**Non-Beamforming_Radio 2_2T2S_Dipole_Outdoor_30 Degree Gain**

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	61
5200MHz	61
5240MHz	60
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	59
5230MHz	58
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	59
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80



Mode	Power Setting
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73
5570MHz	64

Non-Beamforming_Radio 2_1T1S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	75
5200MHz	75
5240MHz	74
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	80
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	75
5200MHz	74
5240MHz	73
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	62
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80



Mode	Power Setting
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	72
5230MHz	71
5270MHz	80
5310MHz	80
5510MHz	80
5550MHz	80
5670MHz	75
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	74
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73
5570MHz	68

Non-Beamforming_Radio 2_2T1S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	60
5200MHz	60
5240MHz	59
5260MHz	59
5300MHz	60
5320MHz	61
5500MHz	60



Mode	Power Setting
5580MHz	62
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	61
5720MHz Straddle 5.725-5.85GHz	61
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	60
5200MHz	59
5240MHz	58
5260MHz	62
5300MHz	62
5320MHz	63
5500MHz	62
5580MHz	64
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	58
5230MHz	57
5270MHz	67
5310MHz	68
5510MHz	67
5550MHz	68
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
5755MHz	80
5795MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	58



Mode	Power Setting
5290MHz	68
5530MHz	69
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
5775MHz	80
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	66
5250MHz Straddle 5.25-5.35GHz	66
5570MHz	64

Non-Beamforming_Radio 2_2T2S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	59
5200MHz	59
5240MHz	58
5260MHz	69
5300MHz	69
5320MHz	71
5500MHz	71
5580MHz	72
5700MHz	55
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	57
5230MHz	56
5270MHz	67
5310MHz	68
5510MHz	68
5550MHz	68
5670MHz	64



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	80
5795MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	58
5290MHz	69
5530MHz	70
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
5775MHz	80
802.11be EHT160_Nss2,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	66
5250MHz Straddle 5.25-5.35GHz	66
5570MHz	61

Non-Beamforming_Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	71
5200MHz	74
5240MHz	77
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	71
5200MHz	74
5240MHz	76
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	71
5230MHz	75



Mode	Power Setting
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	73
5290MHz	80

Non-Beamforming_Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	59
5200MHz	60
5240MHz	65
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	58
5200MHz	60
5240MHz	64
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	60
5230MHz	63
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	60
5290MHz	80

Non-Beamforming_Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	58
5200MHz	60
5240MHz	64



Mode	Power Setting
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	59
5230MHz	62
5270MHz	80
5310MHz	80
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	60
5290MHz	80

Non-Beamforming_Radio 3_1T1S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	70
5200MHz	72
5240MHz	75
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	70
5200MHz	72
5240MHz	75
5260MHz	80
5300MHz	79
5320MHz	80
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	71
5230MHz	74
5270MHz	80
5310MHz	80
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	69
5290MHz	77

**Non-Beamforming_Radio 3_2T1S_Patch_Outdoor_30 Degree Gain**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	58
5200MHz	60
5240MHz	63
5260MHz	62
5300MHz	58
5320MHz	60
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	58
5200MHz	59
5240MHz	63
5260MHz	63
5300MHz	60
5320MHz	62
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	58
5230MHz	61
5270MHz	68
5310MHz	67
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	58
5290MHz	68

Non-Beamforming_Radio 3_2T2S_Patch_Outdoor_30 Degree Gain

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
5180MHz	57
5200MHz	59
5240MHz	63
5260MHz	71
5300MHz	67
5320MHz	70
802.11be EHT40_Nss2,(MCS0)_2TX	-
5190MHz	58
5230MHz	61
5270MHz	69



Mode	Power Setting
5310MHz	68
802.11be EHT80_Nss2,(MCS0)_2TX	-
5210MHz	59
5290MHz	69

**Beamforming_Radio 2_Dipole_Indoor**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	80
5230MHz	80
5270MHz	80
5310MHz	80
5510MHz	79
5550MHz	80
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	80
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80



Mode	Power Setting
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	74
5250MHz Straddle 5.25-5.35GHz	74
5570MHz	66

Beamforming_Radio 2_Patch_Indoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	56
5300MHz	56
5320MHz	57
5500MHz	57
5580MHz	58
5700MHz	54
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	80
5230MHz	80
5270MHz	55
5310MHz	56
5510MHz	56
5550MHz	56
5670MHz	56
5710MHz Straddle 5.47-5.725GHz	57
5710MHz Straddle 5.725-5.85GHz	57
5755MHz	80
5795MHz	80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	80



Mode	Power Setting
5290MHz	57
5530MHz	58
5610MHz	58
5690MHz Straddle 5.47-5.725GHz	58
5690MHz Straddle 5.725-5.85GHz	58
5775MHz	80
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	65
5250MHz Straddle 5.25-5.35GHz	65
5570MHz	56

Beamforming_Radio 3_Dipole_Indoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	80
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	77
5230MHz	80
5270MHz	80
5310MHz	80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	75
5290MHz	80

Beamforming_Radio 3_Patch_Indoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	79
5200MHz	80
5240MHz	80
5260MHz	58
5300MHz	55



Mode	Power Setting
5320MHz	58
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	71
5230MHz	80
5270MHz	57
5310MHz	56
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	67
5290MHz	57

Beamforming_Radio 2_Dipole_Outdoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	49
5200MHz	49
5240MHz	48
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	80
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	48
5230MHz	47
5270MHz	80
5310MHz	80
5510MHz	79
5550MHz	80
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	80



Mode	Power Setting
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	49
5290MHz	80
5530MHz	80
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	56
5250MHz Straddle 5.25-5.35GHz	56
5570MHz	66

Beamforming_Radio 2_Patch_Outdoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	23
5200MHz	23
5240MHz	21
5260MHz	56
5300MHz	56
5320MHz	57
5500MHz	57
5580MHz	58
5700MHz	54
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	80
5785MHz	80
5825MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	21



Mode	Power Setting
5270MHz	55
5310MHz	56
5510MHz	56
5550MHz	56
5670MHz	56
5710MHz Straddle 5.47-5.725GHz	57
5710MHz Straddle 5.725-5.85GHz	57
5755MHz	80
5795MHz	80
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	23
5290MHz	57
5530MHz	58
5610MHz	58
5690MHz Straddle 5.47-5.725GHz	58
5690MHz Straddle 5.725-5.85GHz	58
5775MHz	80
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	29
5250MHz Straddle 5.25-5.35GHz	29
5570MHz	56

Beamforming_Radio 3_Dipole_Outdoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	45
5200MHz	47
5240MHz	51
5260MHz	80
5300MHz	80
5320MHz	80
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	46
5230MHz	49
5270MHz	80
5310MHz	80



Mode	Power Setting
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	47
5290MHz	80

Beamforming_Radio 3_Patch_Outdoor

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	19
5200MHz	20
5240MHz	24
5260MHz	58
5300MHz	55
5320MHz	58
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	23
5270MHz	57
5310MHz	56
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	21
5290MHz	57

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

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		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio 1_Scan, Radio 3_Dipole, Radio 3_Patch,	V (Radio 2_Patch)	V (Radio 2_Dipole)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	R1:2.4G+R2:5G Full+R1:Scan 2.4G+R1:Scan 5G +BT(chain0-I)
2	R1:2.4G+R2:5G Full+R1:Scan 2.4G+R1:Scan 5G +BT(chain0-E)
3	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +BT(chain0-I)
4	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +BT(chain0-E)
5	R1:2.4G+R2:5G Full+R1:Scan 2.4G+R1:Scan 5G +BT(chain1)
6	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +BT(chain1)
7	R1:2.4G+R2:5G Full+R1:Scan 2.4G+R1:Scan 5G+IEEE 802.15.4 (chain0-I)
8	R1:2.4G+R2:5G Full+R1:Scan 2.4G+R1:Scan 5G +IEEE 802.15.4 (chain0-E)
9	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G+IEEE 802.15.4 (chain0-I)
10	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +IEEE 802.15.4 (chain0-E)
11	R1:2.4G+R2:5G Full+R1:Scan 2.4G+R1:Scan 5G +IEEE 802.15.4 (chain1)
12	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +IEEE 802.15.4(chain1)
Refer to Sporton Test Report No.: FA512205-03B for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

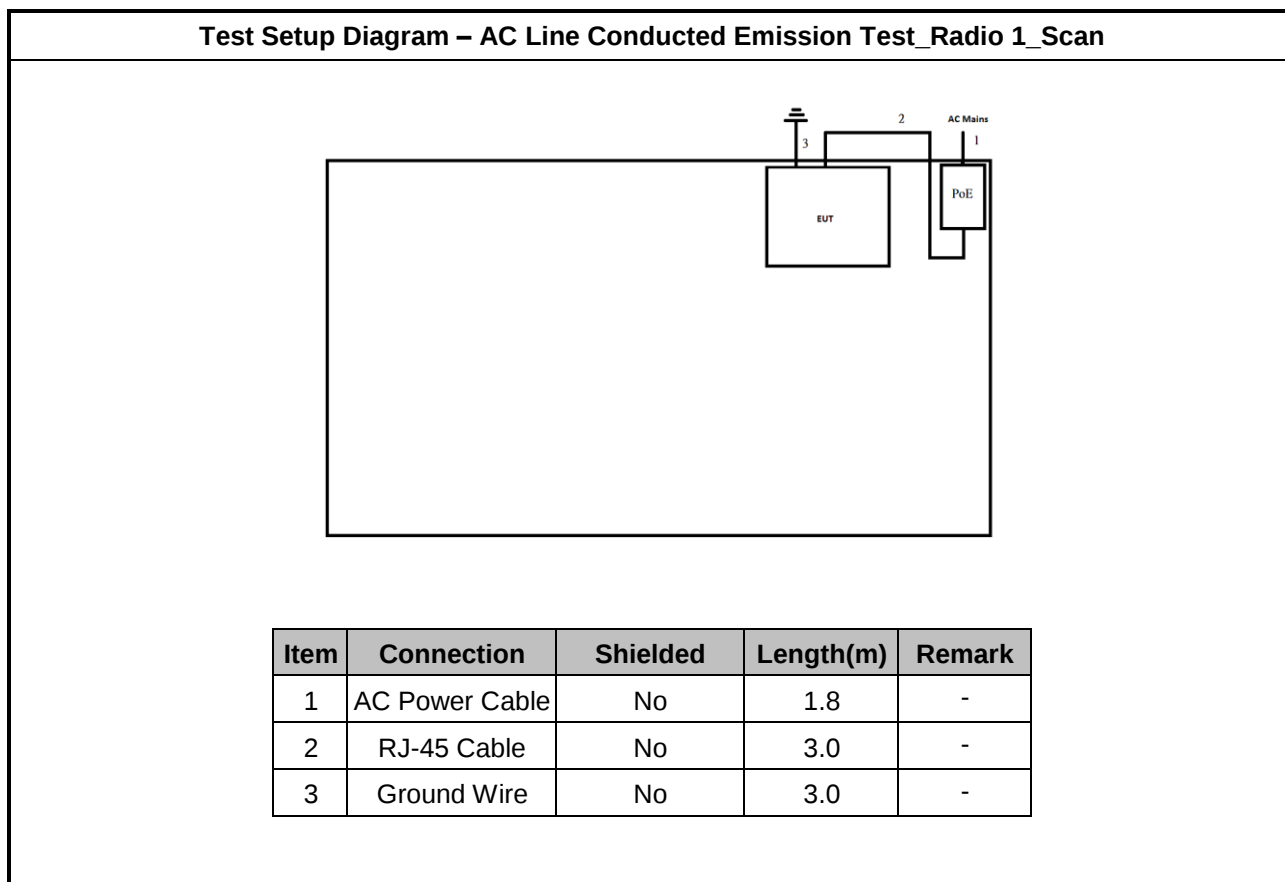
2.3 Support Equipment

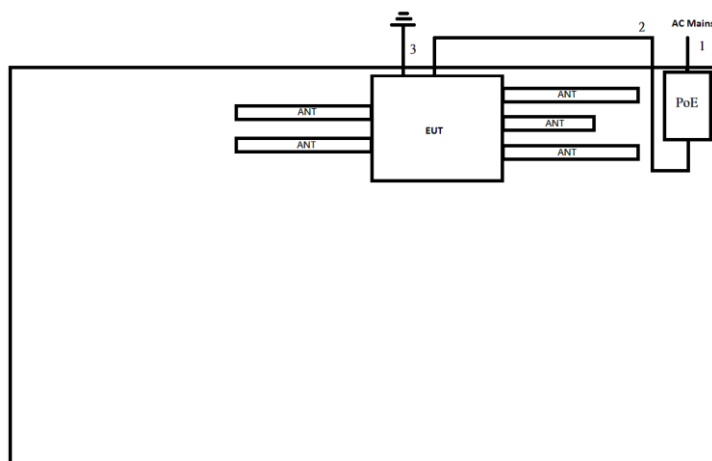
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Ground Wire	Sporton	Sporton	-	-
3	PoE	PHIHONG	POE60U-1BT-X	-	Provided by Customer
4	AC Power Cable	Power sync	PW-GPC180-3	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	PHIHONG	POE60U-1BT-X	-	-

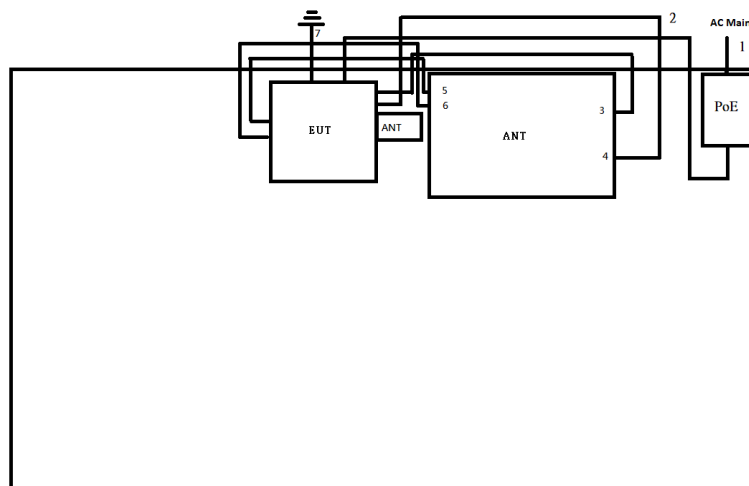
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Ground Wire	Sporton	Sporton	-	-
3	PoE (Remote)	PHIHONG	POE60U-1BT-X	-	Provided by Customer
4	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-

2.4 Test Setup Diagram

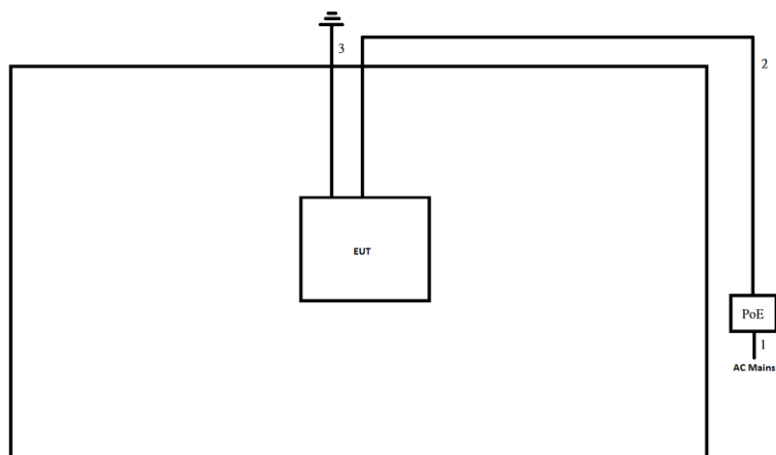


Test Setup Diagram – AC Line Conducted Emission Test_Dipole


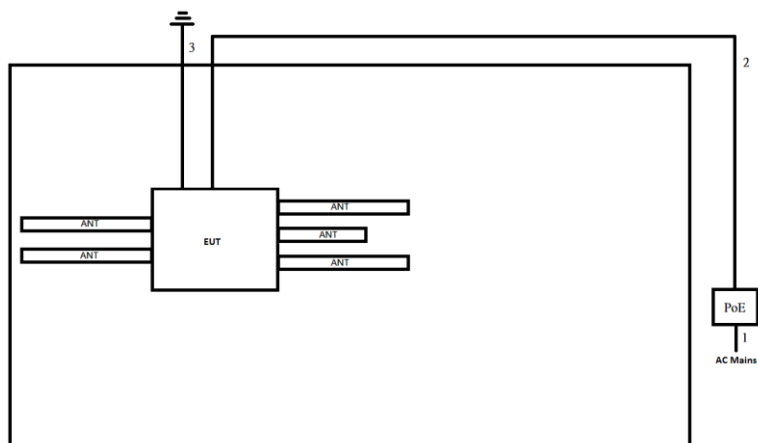
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram – AC Line Conducted Emission Test_Patch


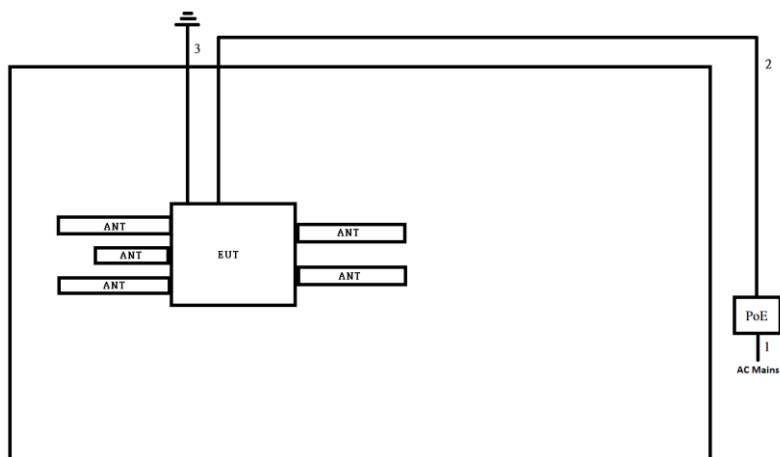
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RF Cable	No	1.0	-
4	RF Cable	No	1.0	-
5	RF Cable	No	1.0	-
6	RF Cable	No	1.0	-
7	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test_Radio 1_Scan


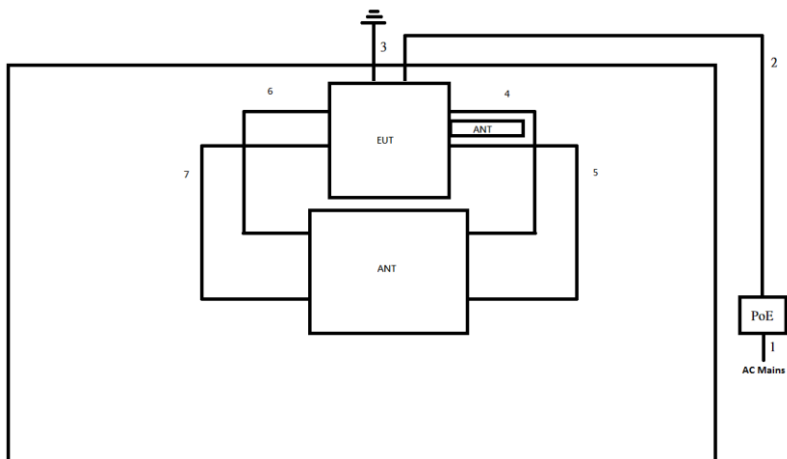
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test_Radio 2_Dipole


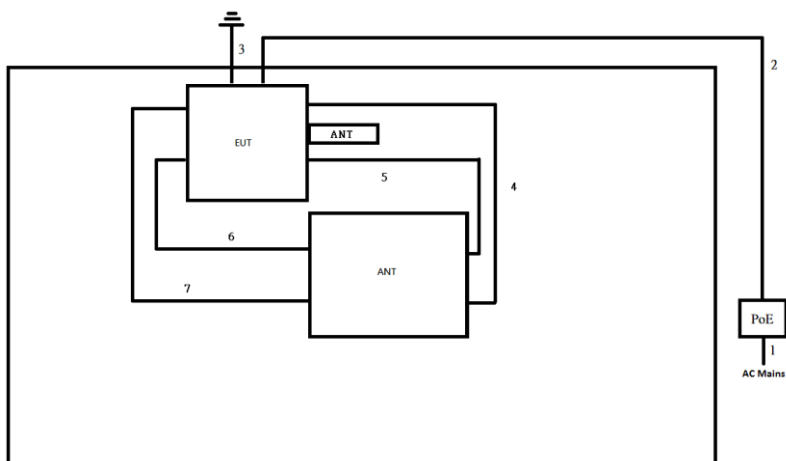
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test_Radio 3_Dipole


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

Test Setup Diagram - Radiated Test_Radio 2_Patch


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-
4	RF Cable	No	1.0	-
5	RF Cable	No	1.0	-
6	RF Cable	No	1.0	-
7	RF Cable	No	1.0	-

Test Setup Diagram - Radiated Test_Radio 3_Patch


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-
4	RF Cable	No	1.0	-
5	RF Cable	No	1.0	-
6	RF Cable	No	1.0	-
7	RF Cable	No	1.0	-

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

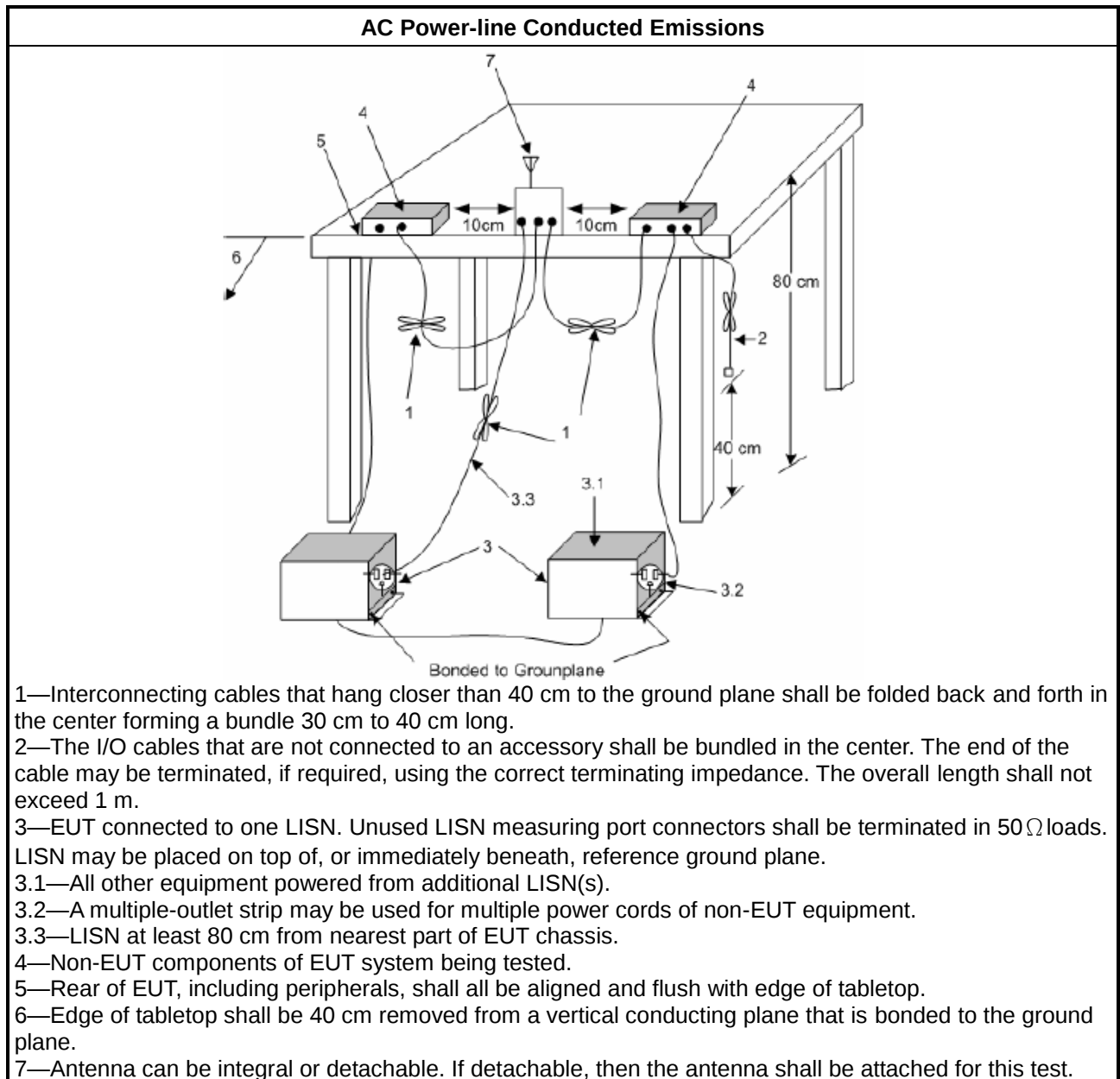
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

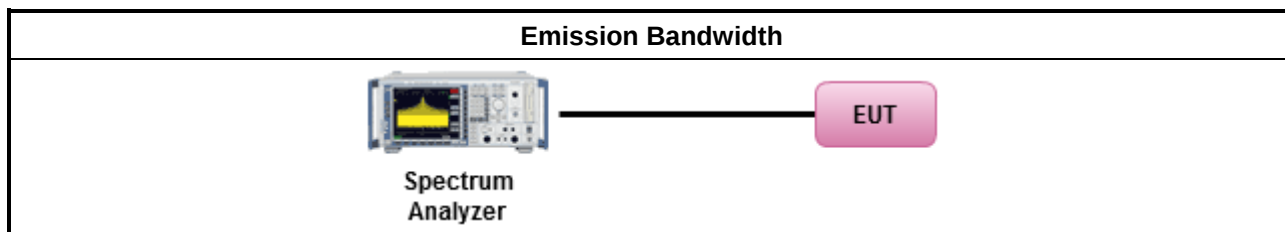
3.2.2 Measuring Instruments

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

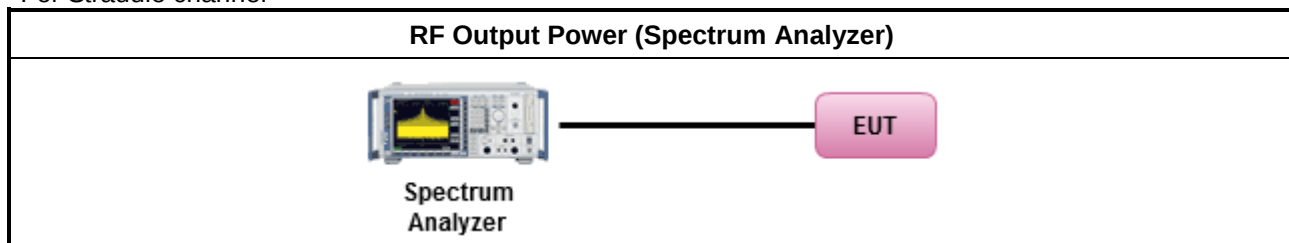
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

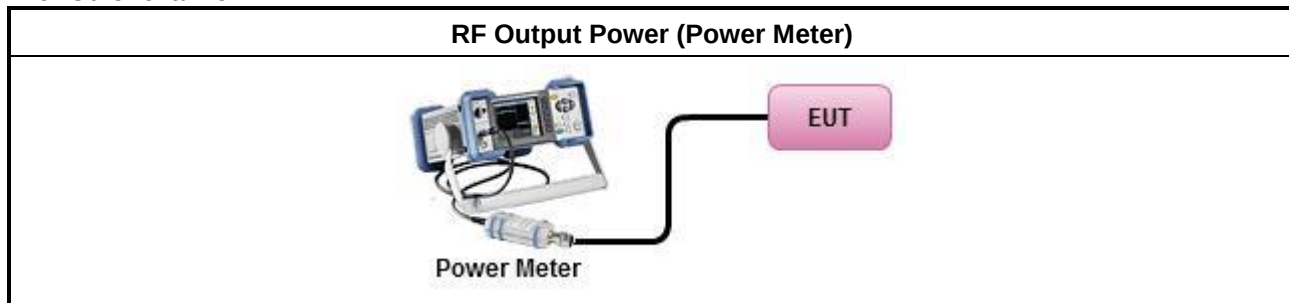
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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.	

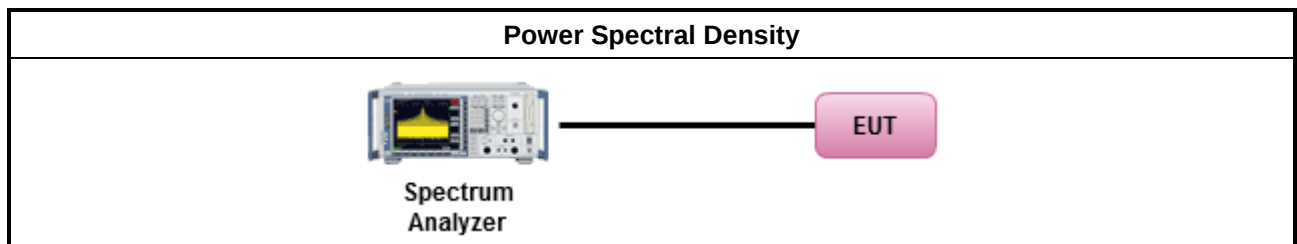
3.4.2 Measuring Instruments

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

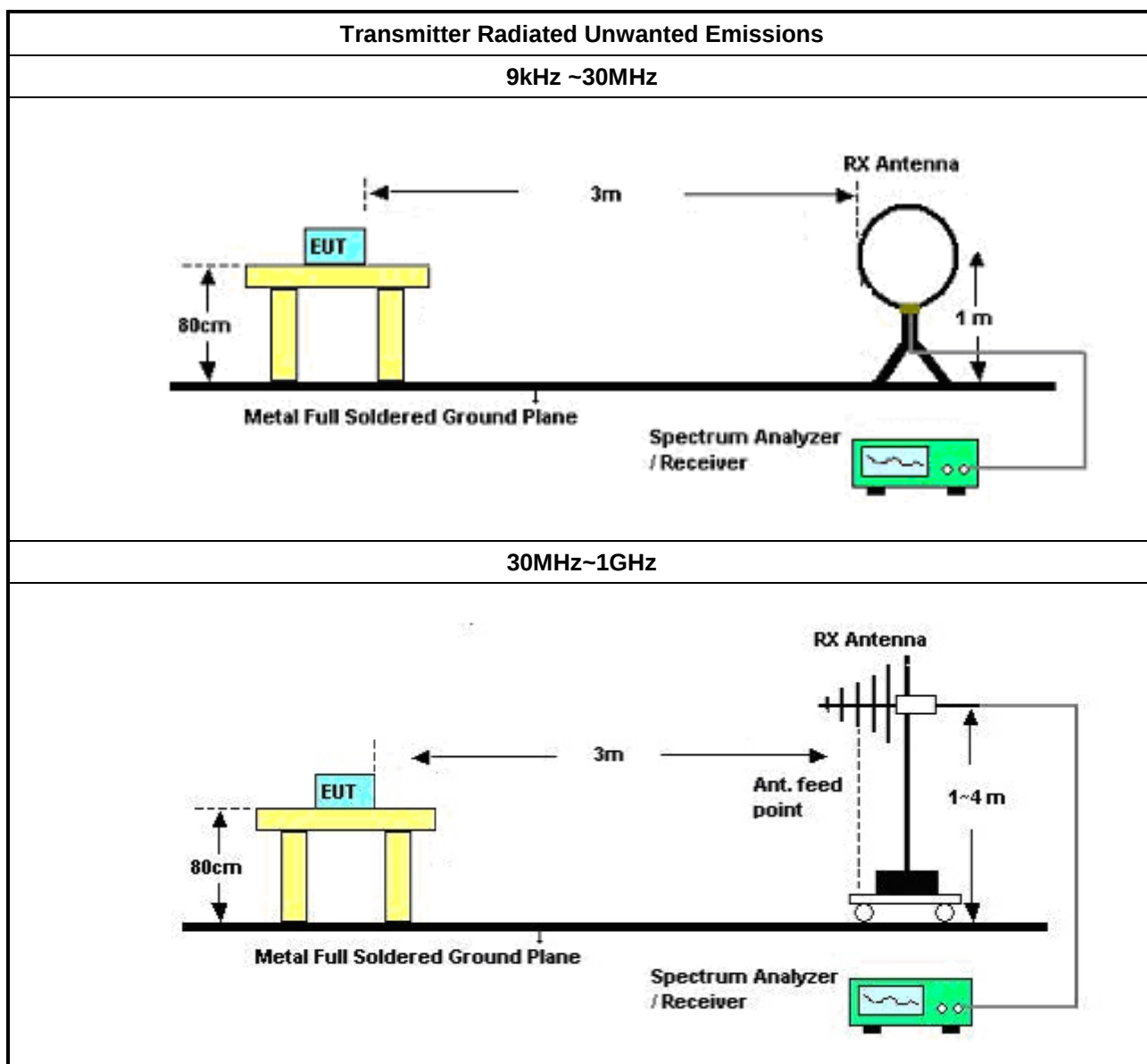
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.

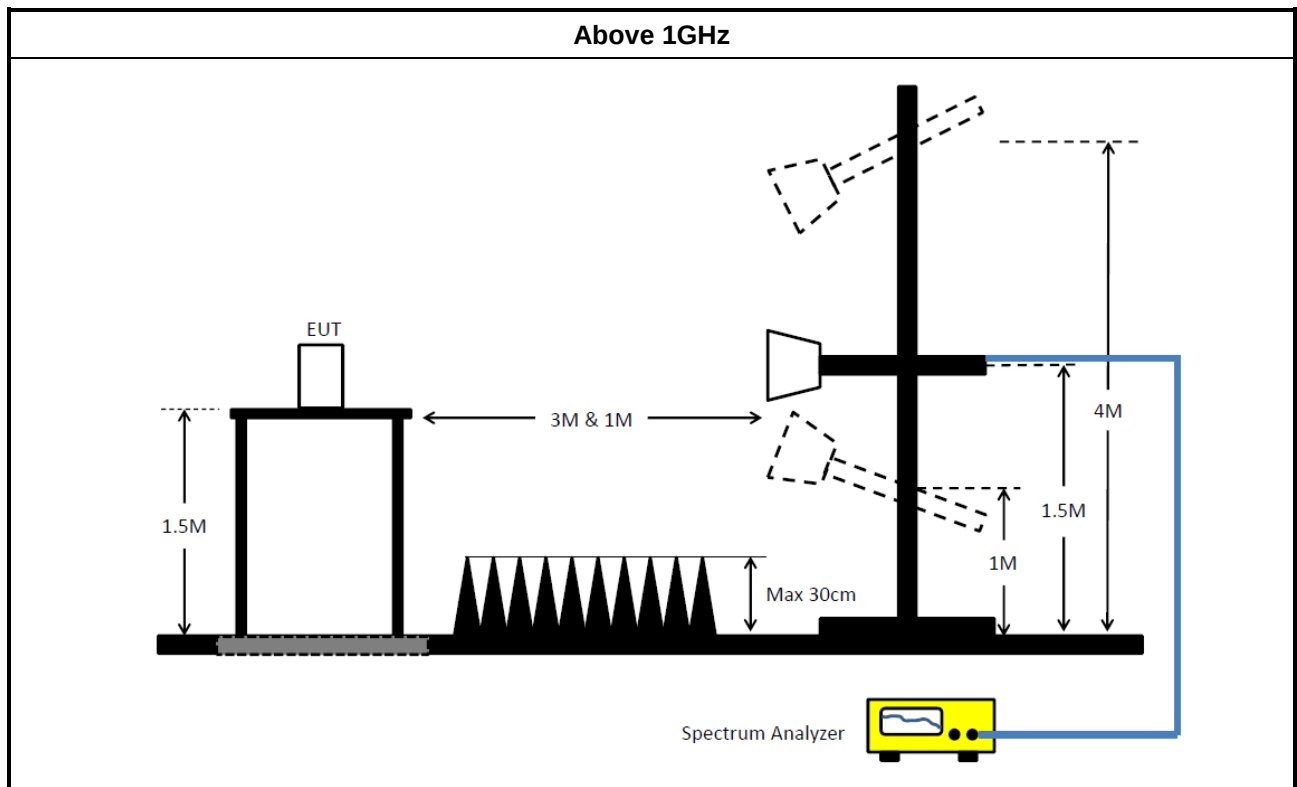
3.5.4 Measurement Results Calculation

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	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	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	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
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	V5.11.23	N/A	N/A	01/Oct/2022	02/Nov/2030

**Instrument for Radiated Test**

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	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	11/Apr/2025	10/Apr/2026
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Prempplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15407_NII	Sporton	V5.11.23	NA	NA	NA	NA

Instrument for Radiated Test (Co-Location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	13/Feb/2025	12/Feb/2026
Microwave Preampplier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preampplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



**Conducted Emissions at Powerline _Non-Beamforming_
Radio 1_Scan**

Appendix A.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	557.81k	40.41	46.00	-5.59	Line



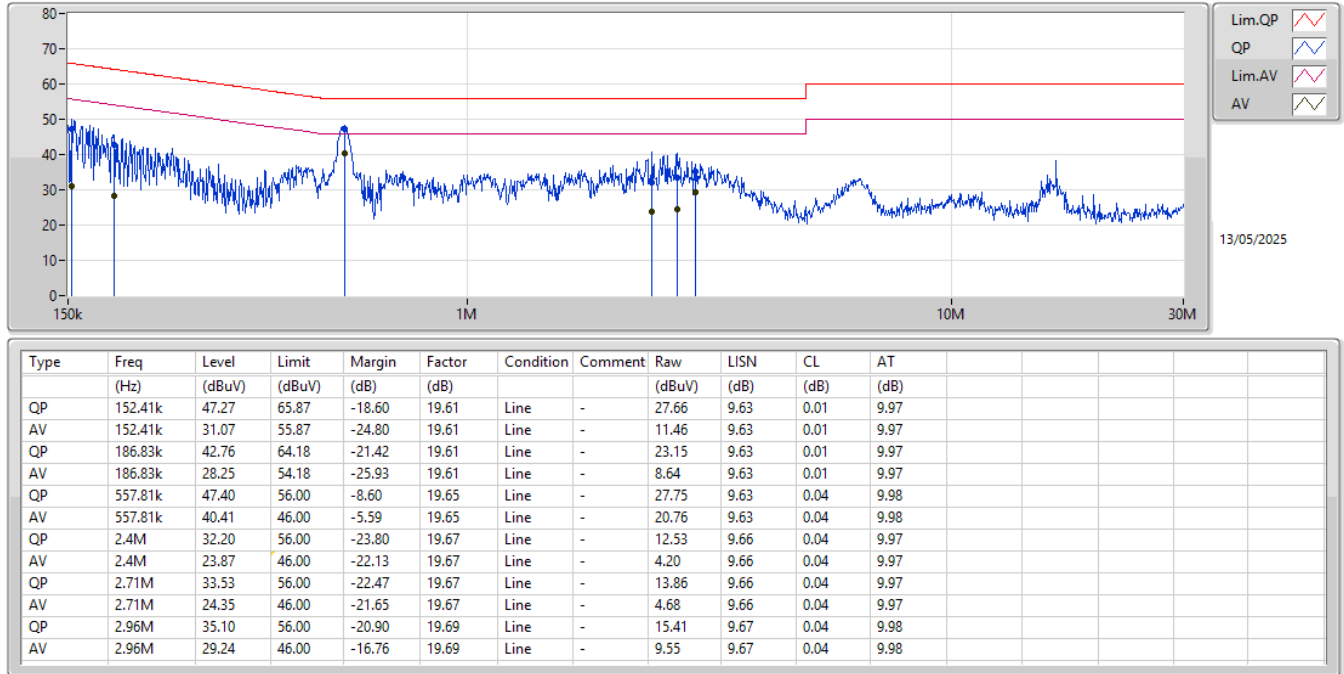
**Conducted Emissions at Powerline _Non-Beamforming_
Radio 1_Scan**

Appendix A.1

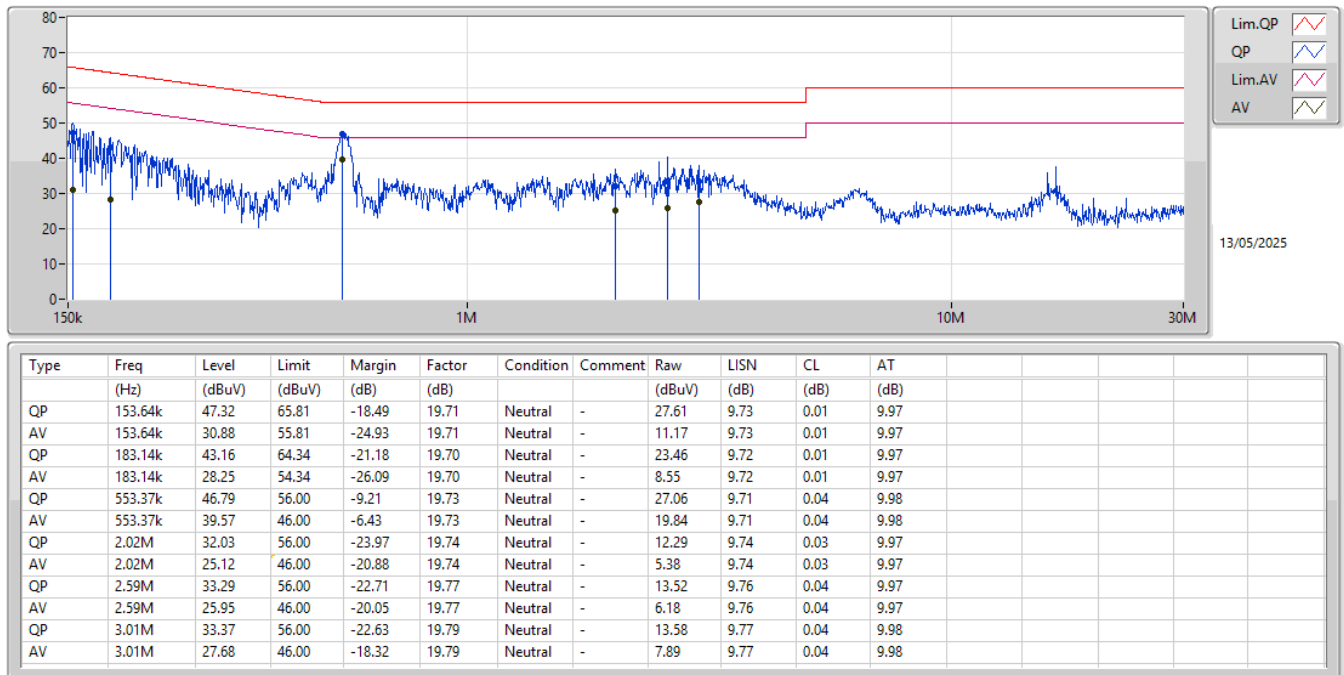
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	152.41k	47.27	65.87	-18.60	Line
Mode 1	Pass	AV	152.41k	31.07	55.87	-24.80	Line
Mode 1	Pass	QP	186.83k	42.76	64.18	-21.42	Line
Mode 1	Pass	AV	186.83k	28.25	54.18	-25.93	Line
Mode 1	Pass	QP	557.81k	47.40	56.00	-8.60	Line
Mode 1	Pass	AV	557.81k	40.41	46.00	-5.59	Line
Mode 1	Pass	QP	2.4M	32.20	56.00	-23.80	Line
Mode 1	Pass	AV	2.4M	23.87	46.00	-22.13	Line
Mode 1	Pass	QP	2.71M	33.53	56.00	-22.47	Line
Mode 1	Pass	AV	2.71M	24.35	46.00	-21.65	Line
Mode 1	Pass	QP	2.96M	35.10	56.00	-20.90	Line
Mode 1	Pass	AV	2.96M	29.24	46.00	-16.76	Line
Mode 1	Pass	QP	153.64k	47.32	65.81	-18.49	Neutral
Mode 1	Pass	AV	153.64k	30.88	55.81	-24.93	Neutral
Mode 1	Pass	QP	183.14k	43.16	64.34	-21.18	Neutral
Mode 1	Pass	AV	183.14k	28.25	54.34	-26.09	Neutral
Mode 1	Pass	QP	553.37k	46.79	56.00	-9.21	Neutral
Mode 1	Pass	AV	553.37k	39.57	46.00	-6.43	Neutral
Mode 1	Pass	QP	2.02M	32.03	56.00	-23.97	Neutral
Mode 1	Pass	AV	2.02M	25.12	46.00	-20.88	Neutral
Mode 1	Pass	QP	2.59M	33.29	56.00	-22.71	Neutral
Mode 1	Pass	AV	2.59M	25.95	46.00	-20.05	Neutral
Mode 1	Pass	QP	3.01M	33.37	56.00	-22.63	Neutral
Mode 1	Pass	AV	3.01M	27.68	46.00	-18.32	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_ Radio 2_Dipole

Appendix A.2

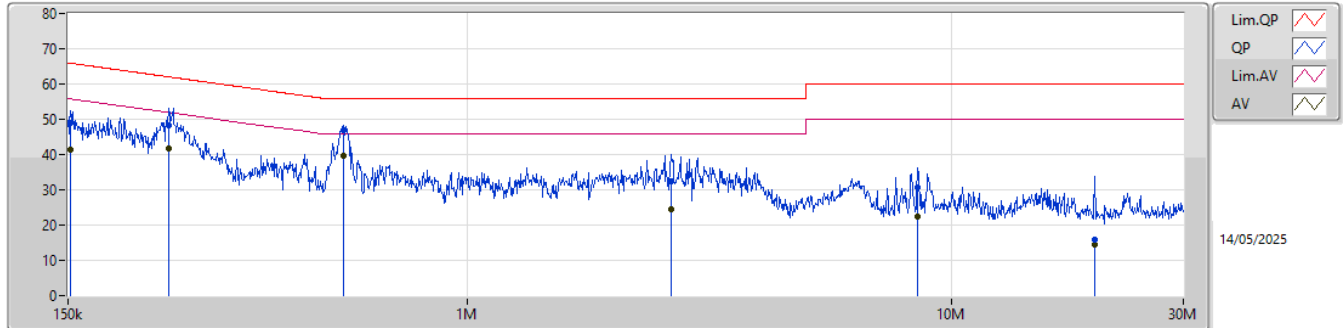
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	555.583k	39.57	46.00	-6.43	Line

Result

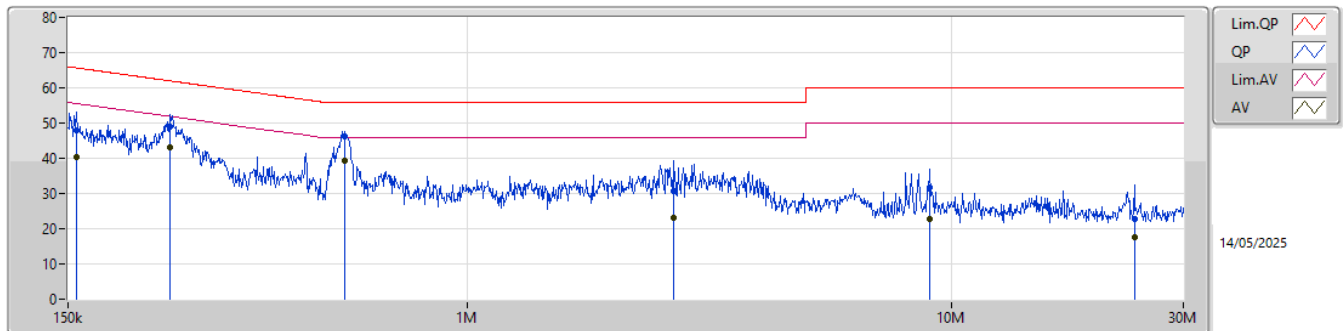
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	49.04	65.90	-16.86	Line
Mode 1	Pass	AV	151.807k	41.30	55.90	-14.60	Line
Mode 1	Pass	QP	242.179k	48.33	62.02	-13.69	Line
Mode 1	Pass	AV	242.179k	41.83	52.02	-10.19	Line
Mode 1	Pass	QP	555.583k	46.81	56.00	-9.19	Line
Mode 1	Pass	AV	555.583k	39.57	46.00	-6.43	Line
Mode 1	Pass	QP	2.636M	32.49	56.00	-23.51	Line
Mode 1	Pass	AV	2.636M	24.44	46.00	-21.56	Line
Mode 1	Pass	QP	8.489M	30.58	60.00	-29.42	Line
Mode 1	Pass	AV	8.489M	22.43	50.00	-27.57	Line
Mode 1	Pass	QP	19.71M	16.03	60.00	-43.97	Line
Mode 1	Pass	AV	19.71M	14.52	50.00	-35.48	Line
Mode 1	Pass	QP	156.109k	47.90	65.67	-17.77	Neutral
Mode 1	Pass	AV	156.109k	40.33	55.67	-15.34	Neutral
Mode 1	Pass	QP	244.12k	48.92	61.95	-13.03	Neutral
Mode 1	Pass	AV	244.12k	43.03	51.95	-8.92	Neutral
Mode 1	Pass	QP	557.805k	46.10	56.00	-9.90	Neutral
Mode 1	Pass	AV	557.805k	39.28	46.00	-6.72	Neutral
Mode 1	Pass	QP	2.667M	30.68	56.00	-25.32	Neutral
Mode 1	Pass	AV	2.667M	22.94	46.00	-23.06	Neutral
Mode 1	Pass	QP	9.013M	31.63	60.00	-28.37	Neutral
Mode 1	Pass	AV	9.013M	22.70	50.00	-27.30	Neutral
Mode 1	Pass	QP	23.778M	22.63	60.00	-37.37	Neutral
Mode 1	Pass	AV	23.778M	17.45	50.00	-32.55	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	151.807k	49.04	65.90	-16.86	19.61	Line	-	29.43	9.63	0.01	9.97						
AV	151.807k	41.30	55.90	-14.60	19.61	Line	-	21.69	9.63	0.01	9.97						
QP	242.179k	48.33	62.02	-13.69	19.62	Line	-	28.71	9.63	0.02	9.97						
AV	242.179k	41.83	52.02	-10.19	19.62	Line	-	22.21	9.63	0.02	9.97						
QP	555.583k	46.81	56.00	-9.19	19.65	Line	-	27.16	9.63	0.04	9.98						
AV	555.583k	39.57	46.00	-6.43	19.65	Line	-	19.92	9.63	0.04	9.98						
QP	2.636M	32.49	56.00	-23.51	19.67	Line	-	12.82	9.66	0.04	9.97						
AV	2.636M	24.44	46.00	-21.56	19.67	Line	-	4.77	9.66	0.04	9.97						
QP	8.489M	30.58	60.00	-29.42	19.95	Line	-	10.63	9.76	0.21	9.98						
AV	8.489M	22.43	50.00	-27.57	19.95	Line	-	2.48	9.76	0.21	9.98						
QP	19.71M	16.03	60.00	-43.97	20.05	Line	-	-4.02	9.79	0.28	9.98						
AV	19.71M	14.52	50.00	-35.48	20.05	Line	-	-5.53	9.79	0.28	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	156.109k	47.90	65.67	-17.77	19.71	Neutral	-	28.19	9.73	0.01	9.97						
AV	156.109k	40.33	55.67	-15.34	19.71	Neutral	-	20.62	9.73	0.01	9.97						
QP	244.12k	48.92	61.95	-13.03	19.71	Neutral	-	29.21	9.72	0.02	9.97						
AV	244.12k	43.03	51.95	-8.92	19.71	Neutral	-	23.32	9.72	0.02	9.97						
QP	557.805k	46.10	56.00	-9.90	19.73	Neutral	-	26.37	9.71	0.04	9.98						
AV	557.805k	39.28	46.00	-6.72	19.73	Neutral	-	19.55	9.71	0.04	9.98						
QP	2.667M	30.68	56.00	-25.32	19.77	Neutral	-	10.91	9.76	0.04	9.97						
AV	2.667M	22.94	46.00	-23.06	19.77	Neutral	-	3.17	9.76	0.04	9.97						
QP	9.013M	31.63	60.00	-28.37	20.14	Neutral	-	11.49	9.94	0.22	9.98						
AV	9.013M	22.70	50.00	-27.30	20.14	Neutral	-	2.56	9.94	0.22	9.98						
QP	23.778M	22.63	60.00	-37.37	20.46	Neutral	-	2.17	10.15	0.32	9.99						
AV	23.778M	17.45	50.00	-32.55	20.46	Neutral	-	-3.01	10.15	0.32	9.99						



Conducted Emissions at Powerline_Non-Beamforming_ Radio 2_Patch

Appendix A.3

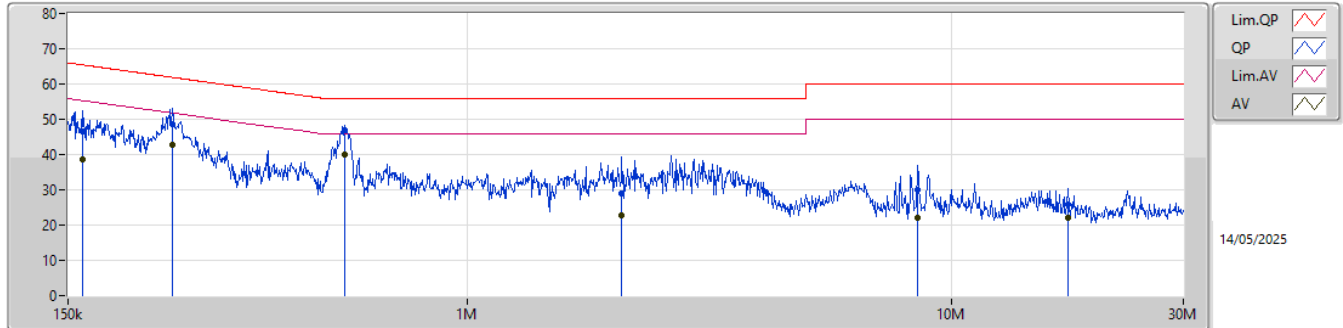
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	560.037k	39.89	46.00	-6.11	Line

Result

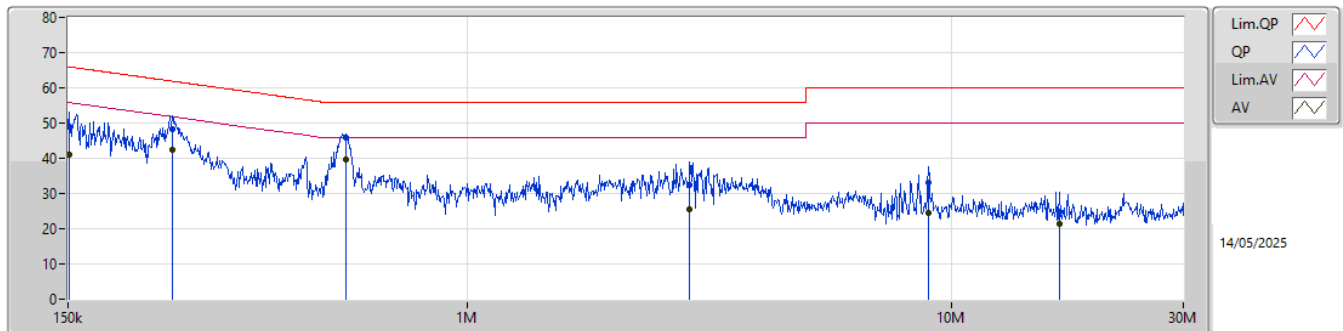
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	160.533k	46.69	65.43	-18.74	Line
Mode 1	Pass	AV	160.533k	38.77	55.43	-16.66	Line
Mode 1	Pass	QP	246.077k	48.75	61.89	-13.14	Line
Mode 1	Pass	AV	246.077k	42.92	51.89	-8.97	Line
Mode 1	Pass	QP	560.037k	46.82	56.00	-9.18	Line
Mode 1	Pass	AV	560.037k	39.89	46.00	-6.11	Line
Mode 1	Pass	QP	2.083M	28.95	56.00	-27.05	Line
Mode 1	Pass	AV	2.083M	22.70	46.00	-23.30	Line
Mode 1	Pass	QP	8.489M	29.95	60.00	-30.05	Line
Mode 1	Pass	AV	8.489M	22.07	50.00	-27.93	Line
Mode 1	Pass	QP	17.346M	25.96	60.00	-34.04	Line
Mode 1	Pass	AV	17.346M	22.15	50.00	-27.85	Line
Mode 1	Pass	QP	150.6k	48.98	65.96	-16.98	Neutral
Mode 1	Pass	AV	150.6k	41.01	55.96	-14.95	Neutral
Mode 1	Pass	QP	246.077k	48.25	61.89	-13.64	Neutral
Mode 1	Pass	AV	246.077k	42.51	51.89	-9.38	Neutral
Mode 1	Pass	QP	562.277k	45.94	56.00	-10.06	Neutral
Mode 1	Pass	AV	562.277k	39.49	46.00	-6.51	Neutral
Mode 1	Pass	QP	2.878M	32.43	56.00	-23.57	Neutral
Mode 1	Pass	AV	2.878M	25.39	46.00	-20.61	Neutral
Mode 1	Pass	QP	8.942M	33.02	60.00	-26.98	Neutral
Mode 1	Pass	AV	8.942M	24.58	50.00	-25.42	Neutral
Mode 1	Pass	QP	16.668M	24.84	60.00	-35.16	Neutral
Mode 1	Pass	AV	16.668M	21.33	50.00	-28.67	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	160.533k	46.69	65.43	-18.74	19.61	Line	-	27.08	9.63	0.01	9.97						
AV	160.533k	38.77	55.43	-16.66	19.61	Line	-	19.16	9.63	0.01	9.97						
QP	246.077k	48.75	61.89	-13.14	19.62	Line	-	29.13	9.63	0.02	9.97						
AV	246.077k	42.92	51.89	-8.97	19.62	Line	-	23.30	9.63	0.02	9.97						
QP	560.037k	46.82	56.00	-9.18	19.65	Line	-	27.17	9.63	0.04	9.98						
AV	560.037k	39.89	46.00	-6.11	19.65	Line	-	20.24	9.63	0.04	9.98						
QP	2.083M	28.95	56.00	-27.05	19.66	Line	-	9.29	9.66	0.03	9.97						
AV	2.083M	22.70	46.00	-23.30	19.66	Line	-	3.04	9.66	0.03	9.97						
QP	8.489M	29.95	60.00	-30.05	19.95	Line	-	10.00	9.76	0.21	9.98						
AV	8.489M	22.07	50.00	-27.93	19.95	Line	-	2.12	9.76	0.21	9.98						
QP	17.346M	25.96	60.00	-34.04	20.05	Line	-	5.91	9.79	0.28	9.98						
AV	17.346M	22.15	50.00	-27.85	20.05	Line	-	2.10	9.79	0.28	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150.6k	48.98	65.96	-16.98	19.71	Neutral	-	29.27	9.73	0.01	9.97						
AV	150.6k	41.01	55.96	-14.95	19.71	Neutral	-	21.30	9.73	0.01	9.97						
QP	246.077k	48.25	61.89	-13.64	19.71	Neutral	-	28.54	9.72	0.02	9.97						
AV	246.077k	42.51	51.89	-9.38	19.71	Neutral	-	22.80	9.72	0.02	9.97						
QP	562.277k	45.94	56.00	-10.06	19.73	Neutral	-	26.21	9.71	0.04	9.98						
AV	562.277k	39.49	46.00	-6.51	19.73	Neutral	-	19.76	9.71	0.04	9.98						
QP	2.878M	32.43	56.00	-23.57	19.79	Neutral	-	12.64	9.77	0.04	9.98						
AV	2.878M	25.39	46.00	-20.61	19.79	Neutral	-	5.60	9.77	0.04	9.98						
QP	8.942M	33.02	60.00	-26.98	20.14	Neutral	-	12.88	9.94	0.22	9.98						
AV	8.942M	24.58	50.00	-25.42	20.14	Neutral	-	4.44	9.94	0.22	9.98						
QP	16.668M	24.84	60.00	-35.16	20.32	Neutral	-	4.52	10.06	0.28	9.98						
AV	16.668M	21.33	50.00	-28.67	20.32	Neutral	-	1.01	10.06	0.28	9.98						



Conducted Emissions at Powerline_Non-Beamforming_ Radio 3_Dipole

Appendix A.4

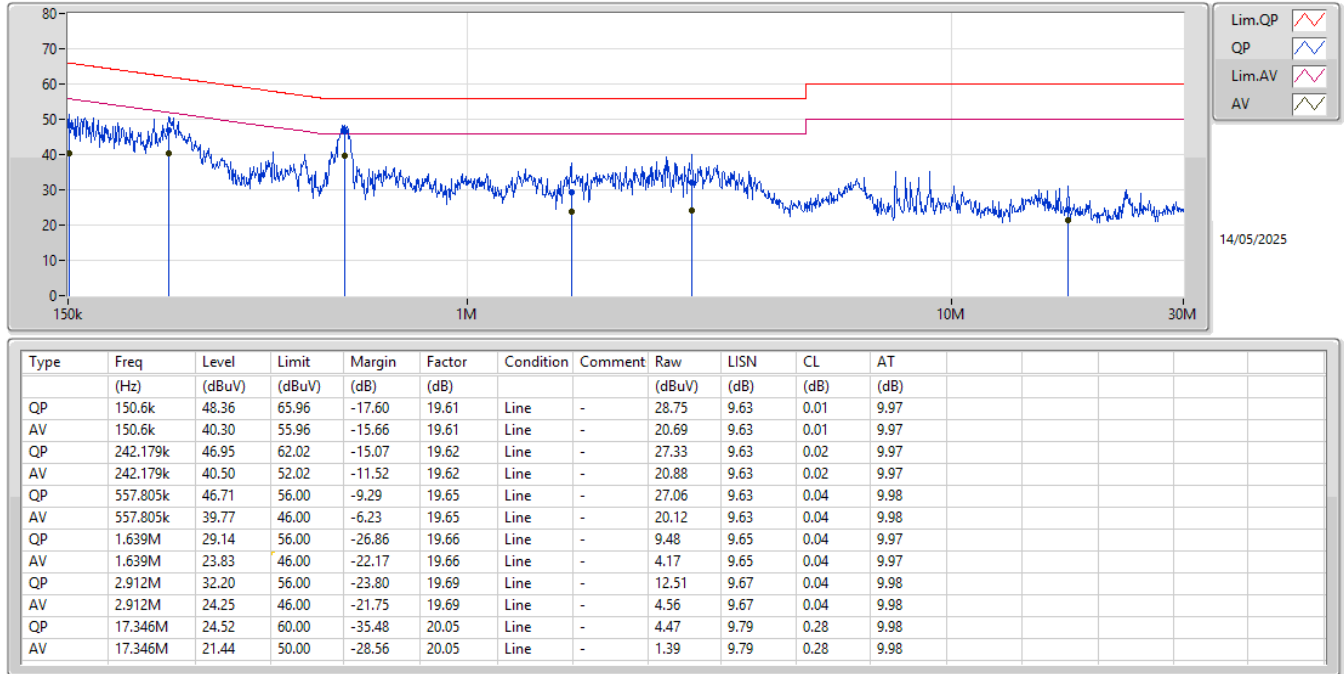
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	557.805k	39.77	46.00	-6.23	Line

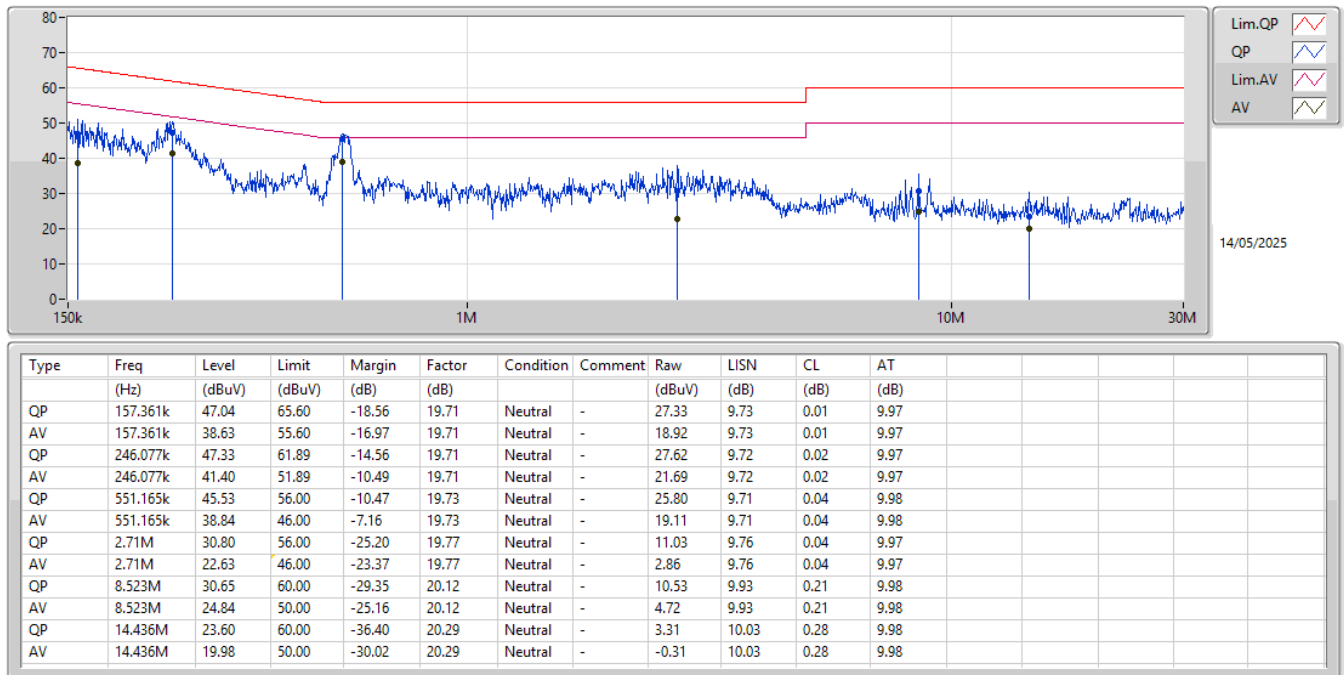
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	48.36	65.96	-17.60	Line
Mode 1	Pass	AV	150.6k	40.30	55.96	-15.66	Line
Mode 1	Pass	QP	242.179k	46.95	62.02	-15.07	Line
Mode 1	Pass	AV	242.179k	40.50	52.02	-11.52	Line
Mode 1	Pass	QP	557.805k	46.71	56.00	-9.29	Line
Mode 1	Pass	AV	557.805k	39.77	46.00	-6.23	Line
Mode 1	Pass	QP	1.639M	29.14	56.00	-26.86	Line
Mode 1	Pass	AV	1.639M	23.83	46.00	-22.17	Line
Mode 1	Pass	QP	2.912M	32.20	56.00	-23.80	Line
Mode 1	Pass	AV	2.912M	24.25	46.00	-21.75	Line
Mode 1	Pass	QP	17.346M	24.52	60.00	-35.48	Line
Mode 1	Pass	AV	17.346M	21.44	50.00	-28.56	Line
Mode 1	Pass	QP	157.361k	47.04	65.60	-18.56	Neutral
Mode 1	Pass	AV	157.361k	38.63	55.60	-16.97	Neutral
Mode 1	Pass	QP	246.077k	47.33	61.89	-14.56	Neutral
Mode 1	Pass	AV	246.077k	41.40	51.89	-10.49	Neutral
Mode 1	Pass	QP	551.165k	45.53	56.00	-10.47	Neutral
Mode 1	Pass	AV	551.165k	38.84	46.00	-7.16	Neutral
Mode 1	Pass	QP	2.71M	30.80	56.00	-25.20	Neutral
Mode 1	Pass	AV	2.71M	22.63	46.00	-23.37	Neutral
Mode 1	Pass	QP	8.523M	30.65	60.00	-29.35	Neutral
Mode 1	Pass	AV	8.523M	24.84	50.00	-25.16	Neutral
Mode 1	Pass	QP	14.436M	23.60	60.00	-36.40	Neutral
Mode 1	Pass	AV	14.436M	19.98	50.00	-30.02	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_ Radio 3_Patch

Appendix A.5

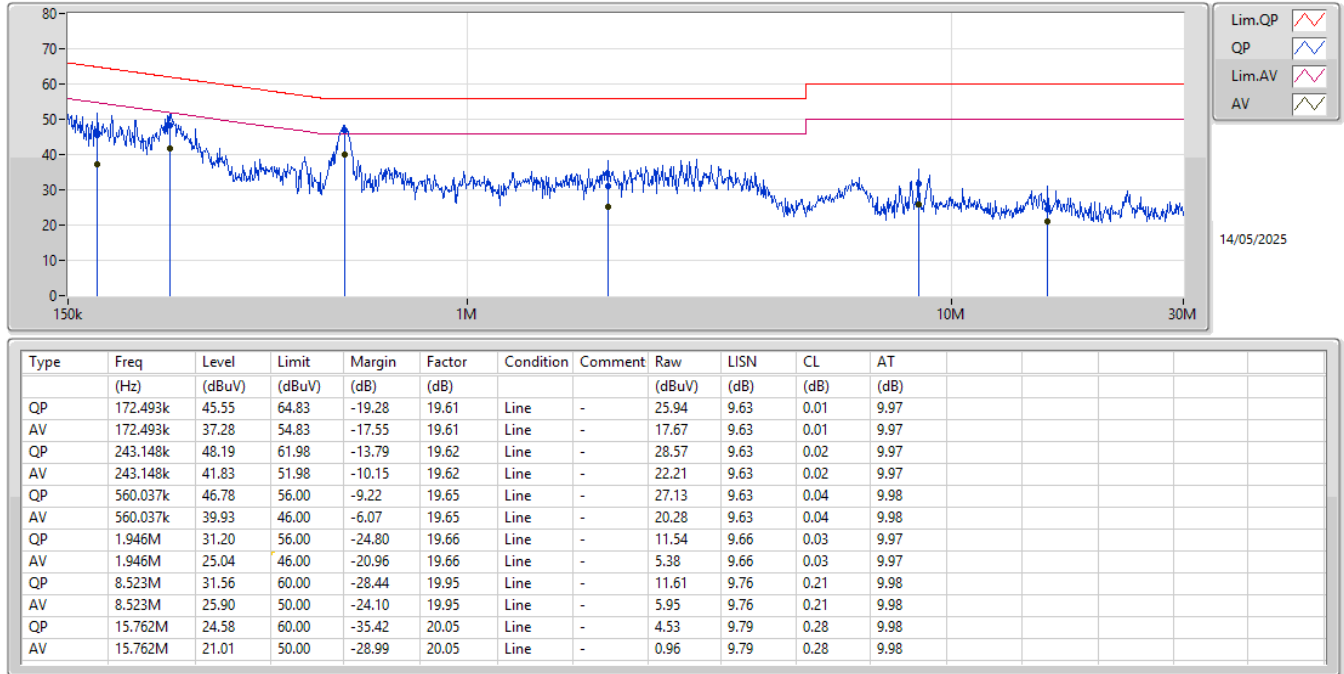
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	246.077k	45.86	51.89	-6.03	Neutral

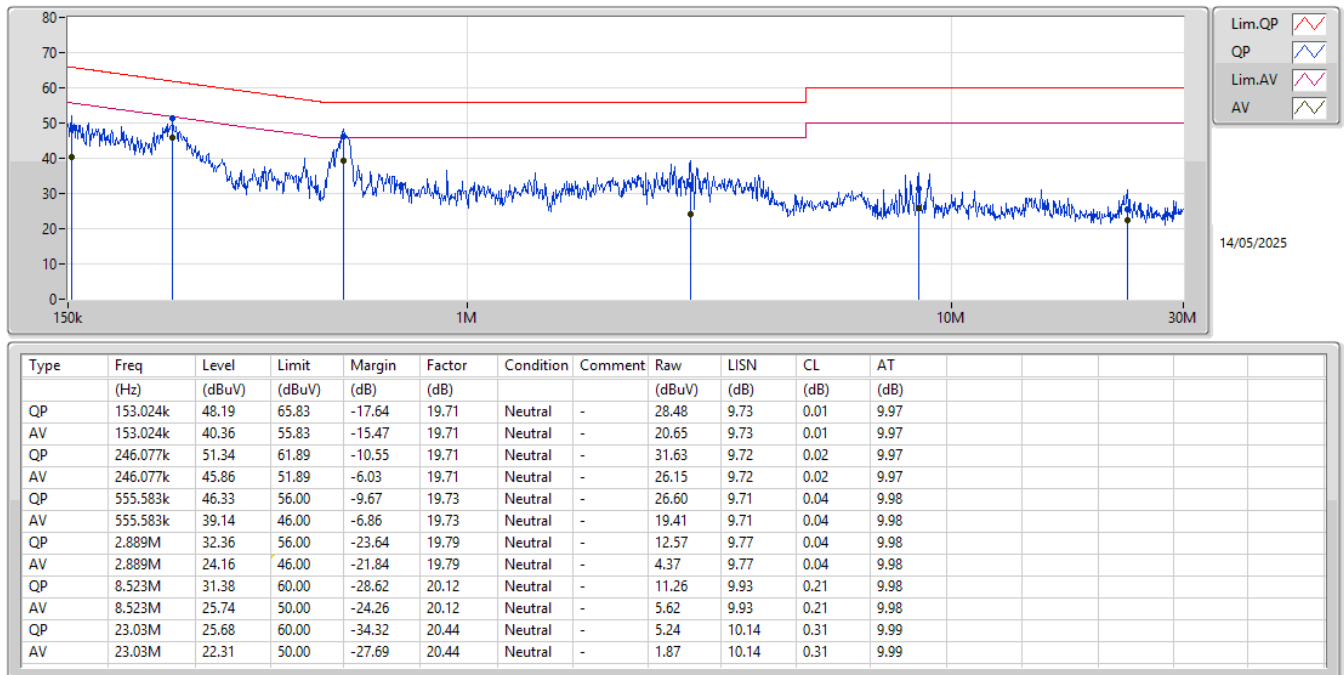
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	172.493k	45.55	64.83	-19.28	Line
Mode 1	Pass	AV	172.493k	37.28	54.83	-17.55	Line
Mode 1	Pass	QP	243.148k	48.19	61.98	-13.79	Line
Mode 1	Pass	AV	243.148k	41.83	51.98	-10.15	Line
Mode 1	Pass	QP	560.037k	46.78	56.00	-9.22	Line
Mode 1	Pass	AV	560.037k	39.93	46.00	-6.07	Line
Mode 1	Pass	QP	1.946M	31.20	56.00	-24.80	Line
Mode 1	Pass	AV	1.946M	25.04	46.00	-20.96	Line
Mode 1	Pass	QP	8.523M	31.56	60.00	-28.44	Line
Mode 1	Pass	AV	8.523M	25.90	50.00	-24.10	Line
Mode 1	Pass	QP	15.762M	24.58	60.00	-35.42	Line
Mode 1	Pass	AV	15.762M	21.01	50.00	-28.99	Line
Mode 1	Pass	QP	153.024k	48.19	65.83	-17.64	Neutral
Mode 1	Pass	AV	153.024k	40.36	55.83	-15.47	Neutral
Mode 1	Pass	QP	246.077k	51.34	61.89	-10.55	Neutral
Mode 1	Pass	AV	246.077k	45.86	51.89	-6.03	Neutral
Mode 1	Pass	QP	555.583k	46.33	56.00	-9.67	Neutral
Mode 1	Pass	AV	555.583k	39.14	46.00	-6.86	Neutral
Mode 1	Pass	QP	2.889M	32.36	56.00	-23.64	Neutral
Mode 1	Pass	AV	2.889M	24.16	46.00	-21.84	Neutral
Mode 1	Pass	QP	8.523M	31.38	60.00	-28.62	Neutral
Mode 1	Pass	AV	8.523M	25.74	50.00	-24.26	Neutral
Mode 1	Pass	QP	23.03M	25.68	60.00	-34.32	Neutral
Mode 1	Pass	AV	23.03M	22.31	50.00	-27.69	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	38.06M	20.29M	20M3D1D	21.505M	16.642M
a40_Nss1,(6Mbps)_1TX	72.93M	37.781M	37M8D1D	39.27M	36.332M
a80_Nss1,(6Mbps)_1TX	78.98M	75.662M	75M7D1D	78.98M	75.662M
a160_Nss1,(6Mbps)_1TX	79.04M	75.642M	75M6D1D	79.04M	75.642M
5.25-5.35GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	35.915M	18.866M	18M9D1D	19.965M	16.442M
a40_Nss1,(6Mbps)_1TX	60.39M	36.482M	36M5D1D	38.94M	36.382M
a80_Nss1,(6Mbps)_1TX	79.2M	75.462M	75M5D1D	79.2M	75.462M
a160_Nss1,(6Mbps)_1TX	79.44M	75.562M	75M6D1D	79.44M	75.562M
5.47-5.725GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	36.795M	18.566M	18M6D1D	20.13M	14.843M
a40_Nss1,(6Mbps)_1TX	73.81M	37.581M	37M6D1D	39.05M	34.318M
a80_Nss1,(6Mbps)_1TX	118.65M	76.062M	76M1D1D	78.76M	74.063M
a160_Nss1,(6Mbps)_1TX	157.96M	154.123M	154MD1D	157.96M	154.123M
5.725-5.85GHz	-	-	-	-	-
a20_Nss1,(6Mbps)_1TX	16.06M	19.315M	19M3D1D	3.14M	10.915M
a40_Nss1,(6Mbps)_1TX	36.3M	60.07M	60M1D1D	3.14M	23.088M
a80_Nss1,(6Mbps)_1TX	71.5M	81.059M	81M1D1D	3.12M	35.682M

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)
a20_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.505M	16.642M
5200MHz	Pass	Inf	38.06M	19.815M
5240MHz	Pass	Inf	35.695M	20.29M
5260MHz	Pass	Inf	35.915M	18.866M
5300MHz	Pass	Inf	34.43M	18.666M
5320MHz	Pass	Inf	19.965M	16.442M
5500MHz	Pass	Inf	20.13M	16.592M
5580MHz	Pass	Inf	36.795M	18.566M
5700MHz	Pass	Inf	21.285M	16.842M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.93M	14.843M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	10.915M
5745MHz	Pass	500k	15.51M	19.14M
5785MHz	Pass	500k	16.06M	19.29M
5825MHz	Pass	500k	15.29M	19.315M
a40_Nss1,(6Mbps)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.27M	36.332M
5230MHz	Pass	Inf	72.93M	37.781M
5270MHz	Pass	Inf	60.39M	36.482M
5310MHz	Pass	Inf	38.94M	36.382M
5510MHz	Pass	Inf	39.05M	36.282M
5550MHz	Pass	Inf	73.81M	37.581M
5670MHz	Pass	Inf	39.49M	36.582M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.095M	34.318M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	23.088M
5755MHz	Pass	500k	36.08M	60.07M
5795MHz	Pass	500k	36.3M	54.423M
a80_Nss1,(6Mbps)_1TX	-	-	-	-
5210MHz	Pass	Inf	78.98M	75.662M
5290MHz	Pass	Inf	79.2M	75.462M
5530MHz	Pass	Inf	78.76M	75.762M
5610MHz	Pass	Inf	99.22M	76.062M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	118.65M	74.063M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	35.682M
5775MHz	Pass	500k	71.5M	81.059M
a160_Nss1,(6Mbps)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.04M	75.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.44M	75.562M
5570MHz	Pass	Inf	157.96M	154.123M

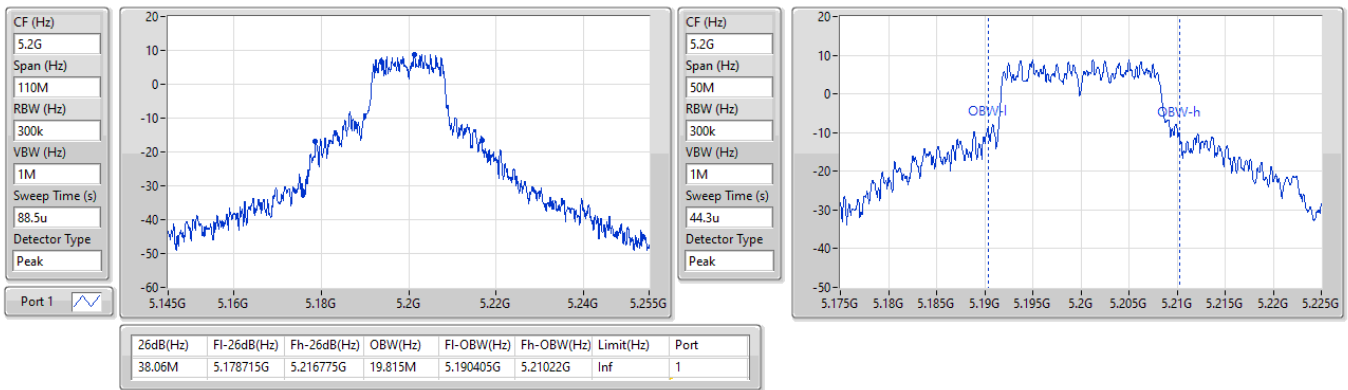
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_a20_Nss1,(6Mbps)_1TX

EBW

5200MHz

27/05/2025

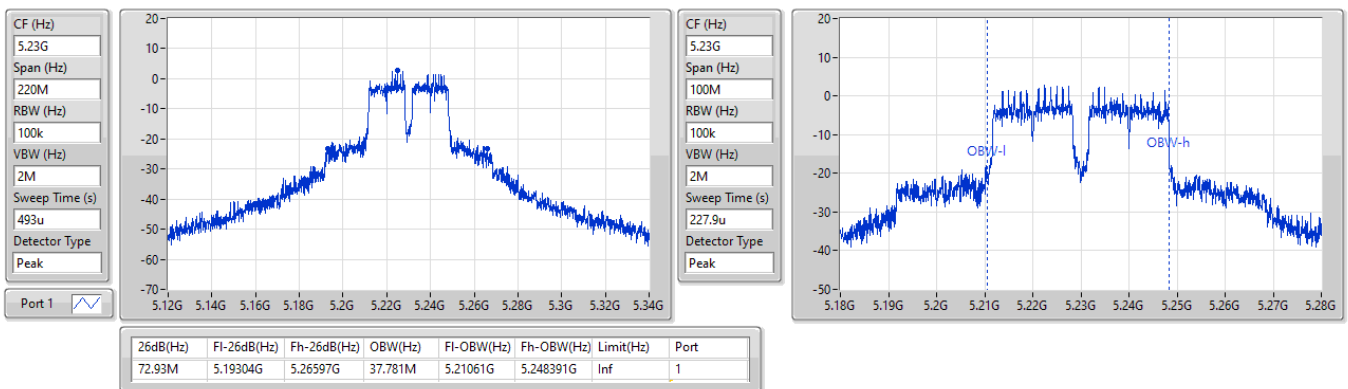


5.15-5.25GHz_a40_Nss1,(6Mbps)_1TX

EBW

5230MHz

28/05/2025

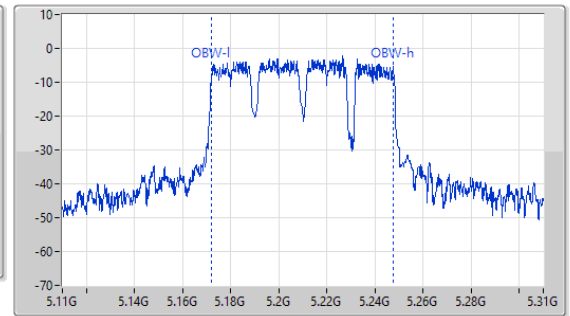
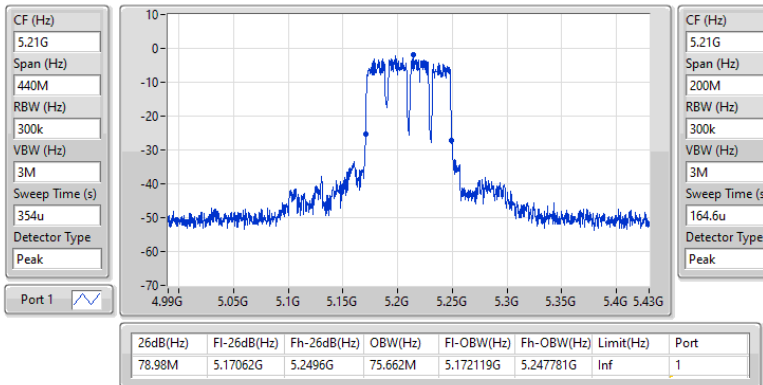


5.15-5.25GHz_a80_Nss1,(6Mbps)_1TX

EBW

5210MHz

28/05/2025

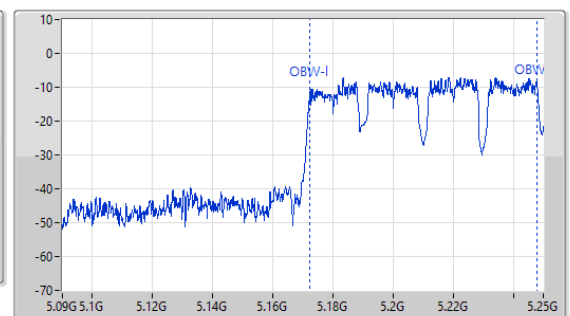
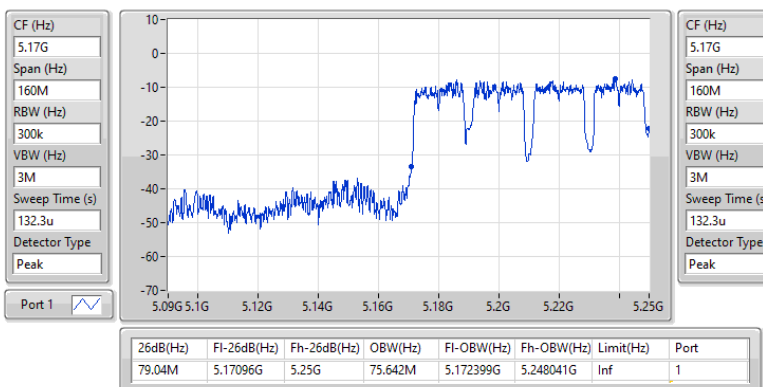


5.15-5.25GHz_a160_Nss1,(6Mbps)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

28/05/2025

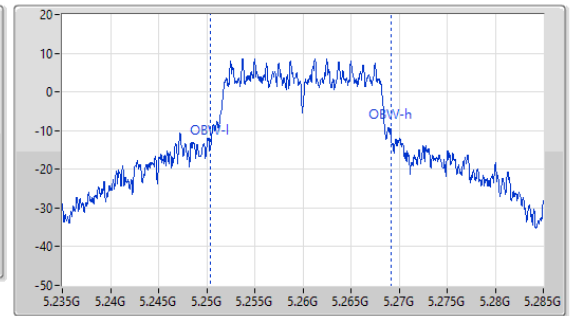
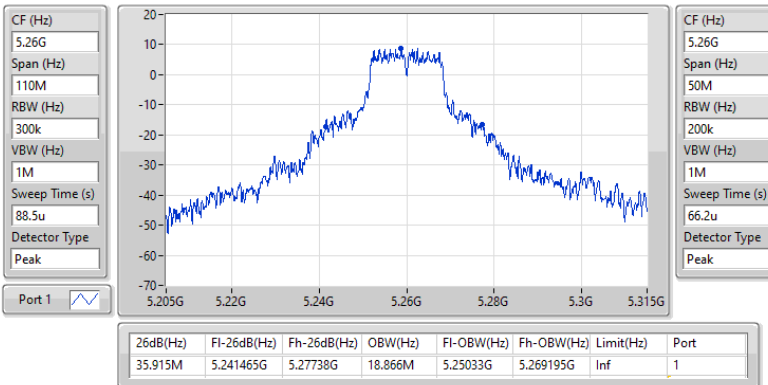


5.25-5.35GHz_a20_Nss1,(6Mbps)_1TX

EBW

5260MHz

28/05/2025

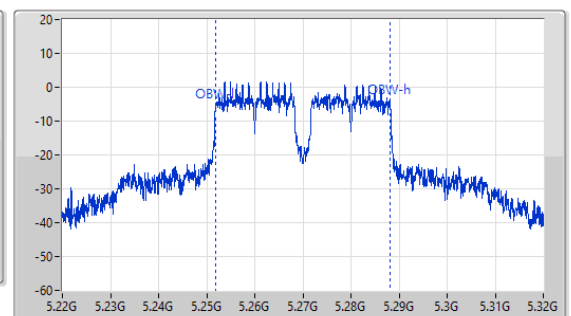
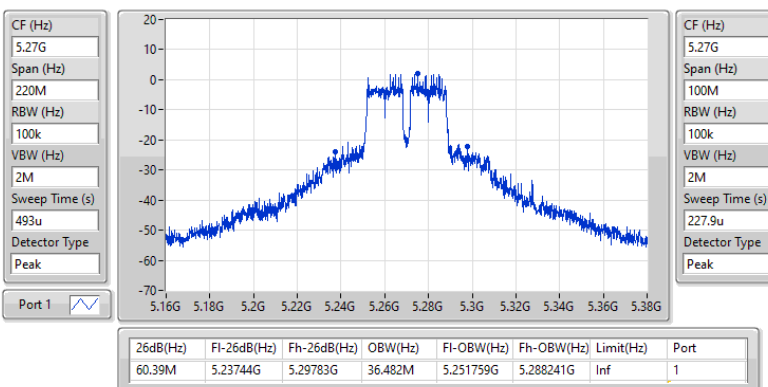


5.25-5.35GHz_a40_Nss1,(6Mbps)_1TX

EBW

5270MHz

28/05/2025

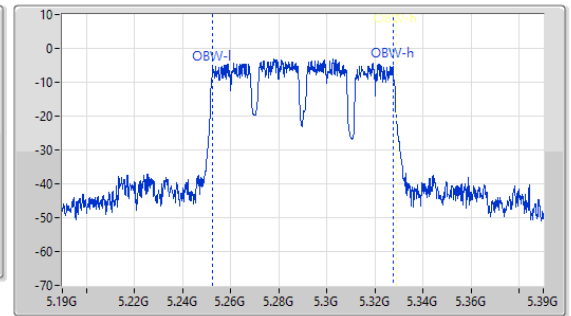
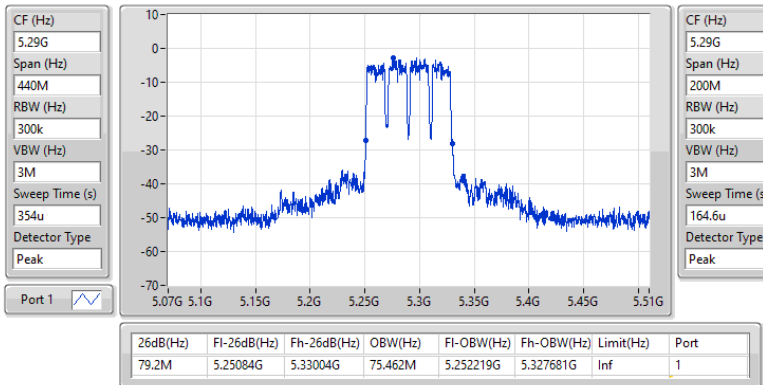


5.25-5.35GHz_a80_Nss1,(6Mbps)_1TX

EBW

5290MHz

28/05/2025

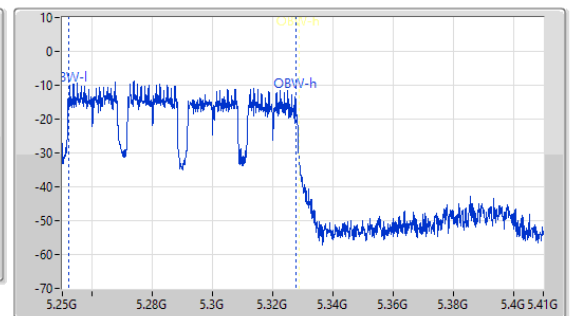
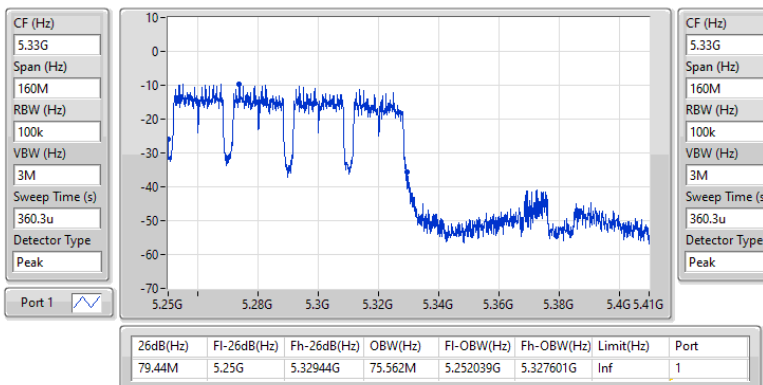


5.25-5.35GHz_a160_Nss1,(6Mbps)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

28/05/2025

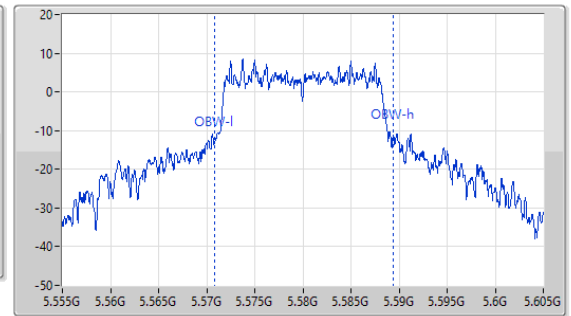
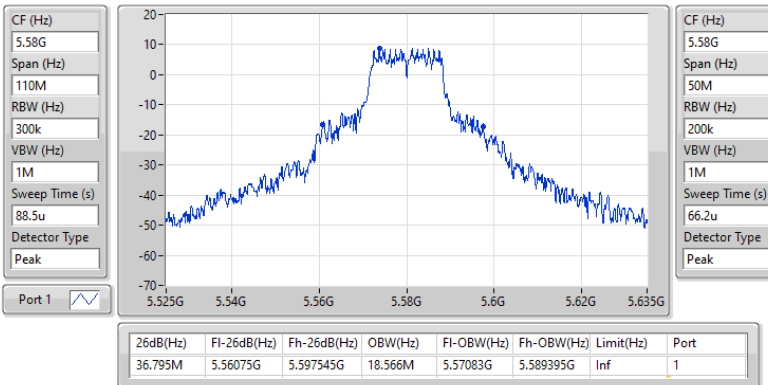


5.47-5.725GHz_a20_Nss1,(6Mbps)_1TX

EBW

5580MHz

28/05/2025

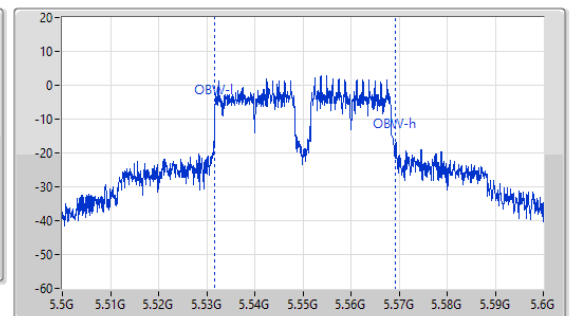
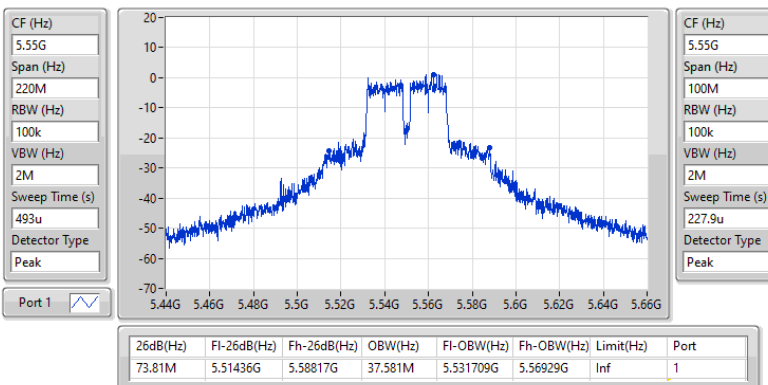


5.47-5.725GHz_a40_Nss1,(6Mbps)_1TX

EBW

5550MHz

28/05/2025

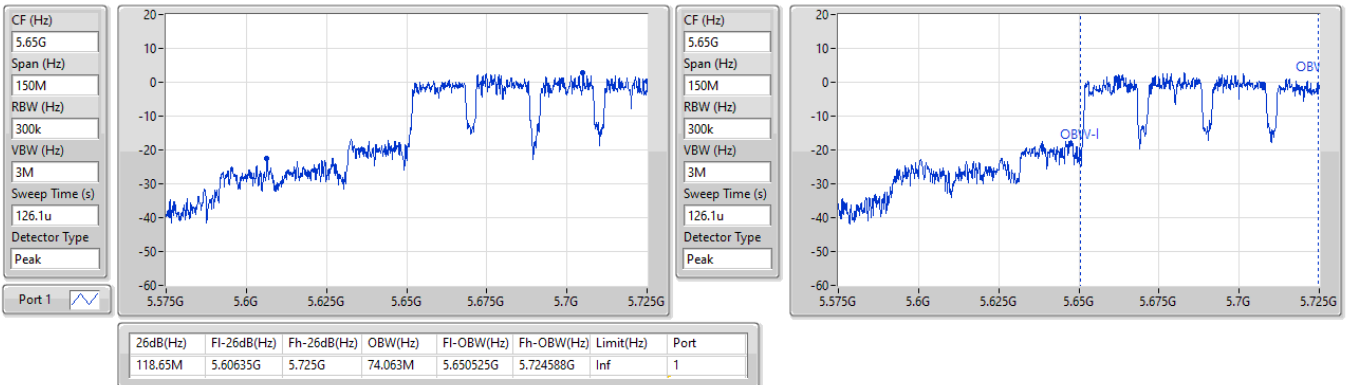


5.47-5.725GHz_a80_Nss1,(6Mbps)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

28/05/2025

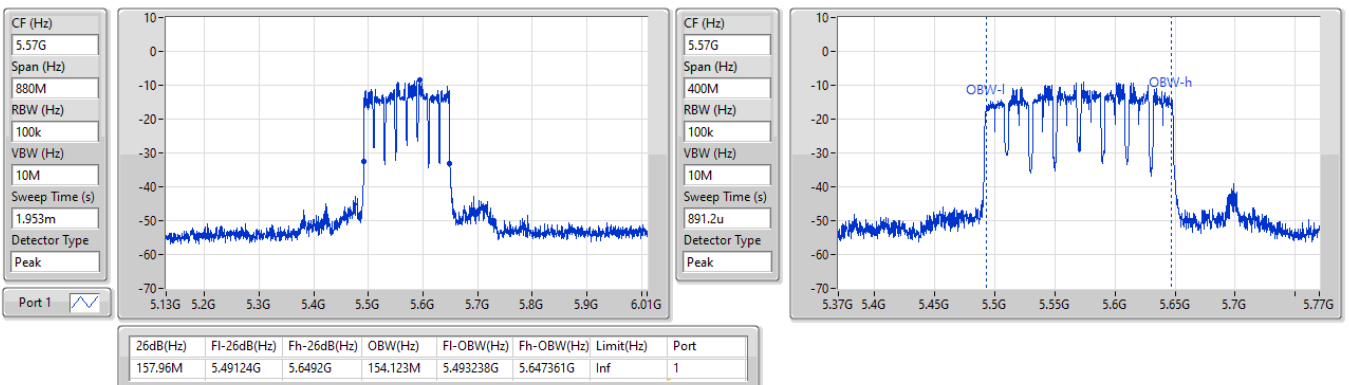


5.47-5.725GHz_a160_Nss1,(6Mbps)_1TX

EBW

5570MHz

28/05/2025

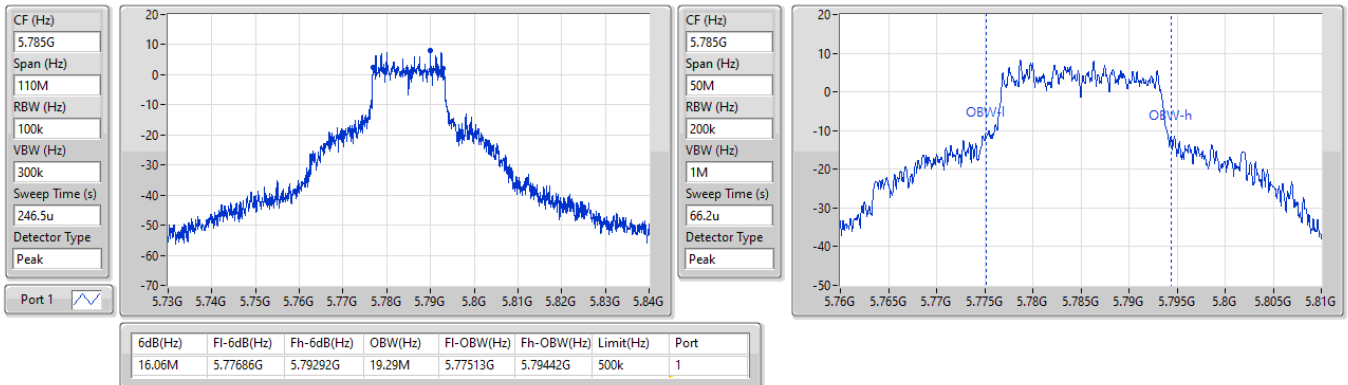


5.725-5.85GHz_a20_Nss1,(6Mbps)_1TX

EBW

5785MHz

28/05/2025

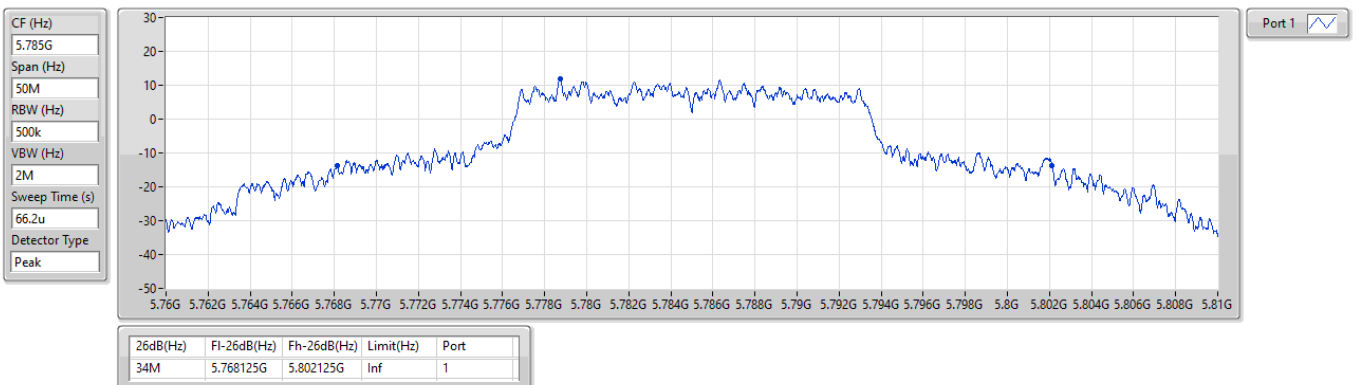


5.725-5.85GHz_a20_Nss1,(6Mbps)_1TX

EBW

5785MHz

28/05/2025

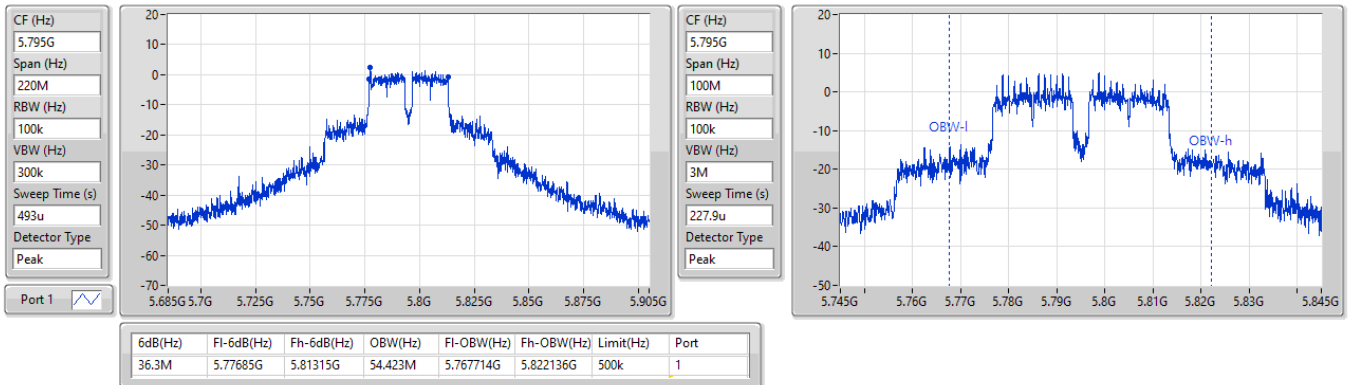


5.725-5.85GHz_a40_Nss1,(6Mbps)_1TX

EBW

5795MHz

28/05/2025

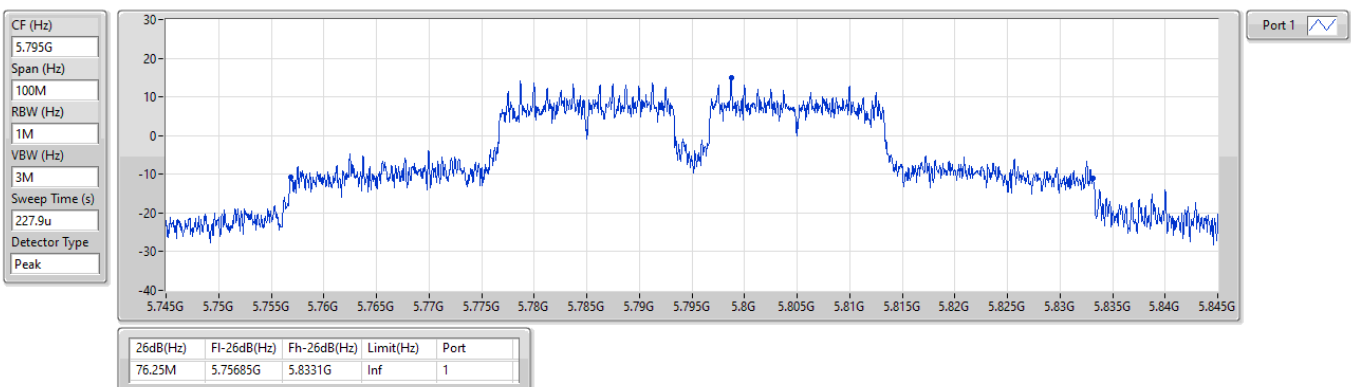


5.725-5.85GHz_a40_Nss1,(6Mbps)_1TX

EBW

5795MHz

28/05/2025

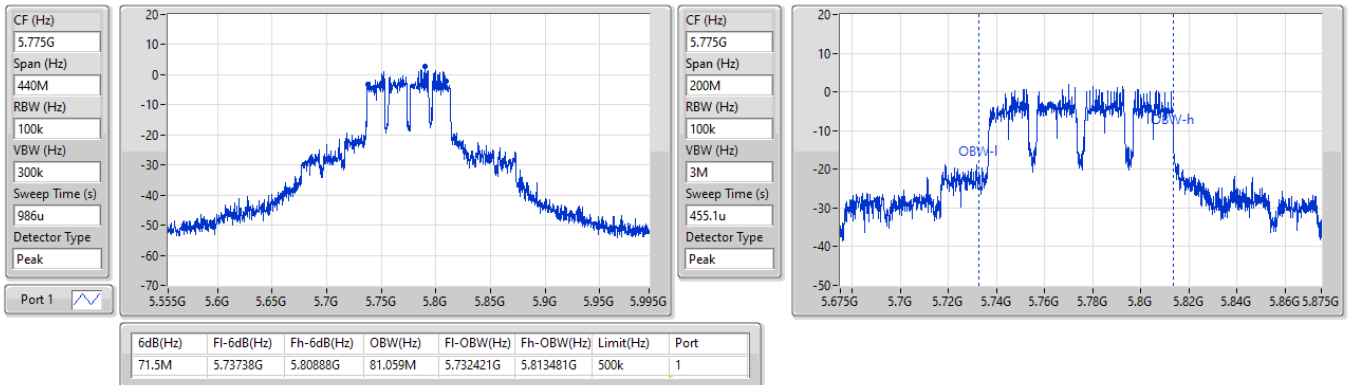


5.725-5.85GHz_a80_Nss1,(6Mbps)_1TX

EBW

5775MHz

28/05/2025

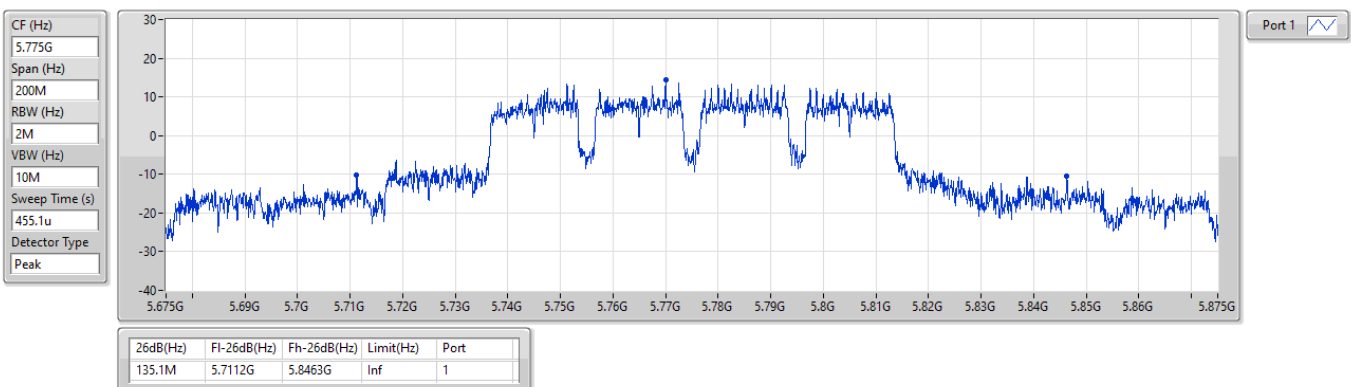


5.725-5.85GHz_a80_Nss1,(6Mbps)_1TX

EBW

5775MHz

28/05/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.155M	16.954M	17M0D1D	21.23M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	24.2M	19.19M	19M2D1D	21.615M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	41.36M	37.731M	37M7D1D	40.26M	37.631M
802.11be EHT80_Nss1,(MCS0)_1TX	79.86M	77.061M	77M1D1D	79.86M	77.061M
802.11be EHT160_Nss1,(MCS0)_1TX	79.28M	77.321M	77M3D1D	79.28M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.33M	17.129M	17M1D1D	22M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX	22.11M	19.04M	19M0D1D	21.67M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	44.55M	37.881M	37M9D1D	43.56M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	84.92M	77.261M	77M3D1D	84.92M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	80.08M	77.401M	77M4D1D	80.08M	77.401M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.78M	16.8M	16M8D1D	15.39M	13.568M
802.11be EHT20_Nss1,(MCS0)_1TX	23.375M	19.14M	19M1D1D	15.945M	14.453M
802.11be EHT40_Nss1,(MCS0)_1TX	45.98M	37.781M	37M8D1D	34.51M	33.653M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.361M	77M4D1D	75.525M	73.088M
802.11be EHT160_Nss1,(MCS0)_1TX	158.84M	156.122M	156MD1D	158.84M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	17.063M	17M1D1D	3.18M	4.798M
802.11be EHT20_Nss1,(MCS0)_1TX	19.14M	19.14M	19M1D1D	4.6M	5.517M
802.11be EHT40_Nss1,(MCS0)_1TX	36.96M	37.831M	37M8D1D	4M	10.095M
802.11be EHT80_Nss1,(MCS0)_1TX	77.66M	77.161M	77M2D1D	4.08M	13.573M

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	22.66M	16.712M
5200MHz	Pass	Inf	23.155M	16.954M
5240MHz	Pass	Inf	21.23M	16.712M
5260MHz	Pass	Inf	22.33M	16.712M
5300MHz	Pass	Inf	22M	16.646M
5320MHz	Pass	Inf	22M	17.129M
5500MHz	Pass	Inf	21.56M	16.8M
5580MHz	Pass	Inf	21.78M	16.778M
5700MHz	Pass	Inf	20.955M	16.602M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.39M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.798M
5745MHz	Pass	500k	16.555M	17.063M
5785MHz	Pass	500k	16.555M	16.866M
5825MHz	Pass	500k	16.555M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.835M	19.19M
5200MHz	Pass	Inf	21.615M	19.09M
5240MHz	Pass	Inf	24.2M	19.04M
5260MHz	Pass	Inf	21.89M	19.04M
5300MHz	Pass	Inf	22.11M	19.04M
5320MHz	Pass	Inf	21.67M	18.991M
5500MHz	Pass	Inf	22.605M	19.04M
5580MHz	Pass	Inf	23.375M	19.14M
5700MHz	Pass	Inf	21.01M	19.14M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.6M	5.517M
5745MHz	Pass	500k	16.94M	19.015M
5785MHz	Pass	500k	19.085M	19.04M
5825MHz	Pass	500k	19.14M	19.14M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.36M	37.631M
5230MHz	Pass	Inf	40.26M	37.731M
5270MHz	Pass	Inf	44.55M	37.881M
5310MHz	Pass	Inf	43.56M	37.731M
5510MHz	Pass	Inf	45.98M	37.731M
5550MHz	Pass	Inf	42.46M	37.781M
5670MHz	Pass	Inf	41.36M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.51M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	10.095M
5755MHz	Pass	500k	36.63M	37.781M
5795MHz	Pass	500k	36.96M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	79.86M	77.061M
5290MHz	Pass	Inf	84.92M	77.261M
5530MHz	Pass	Inf	81.62M	77.261M
5610MHz	Pass	Inf	80.3M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	13.573M
5775MHz	Pass	500k	77.66M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.28M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.401M
5570MHz	Pass	Inf	158.84M	156.122M

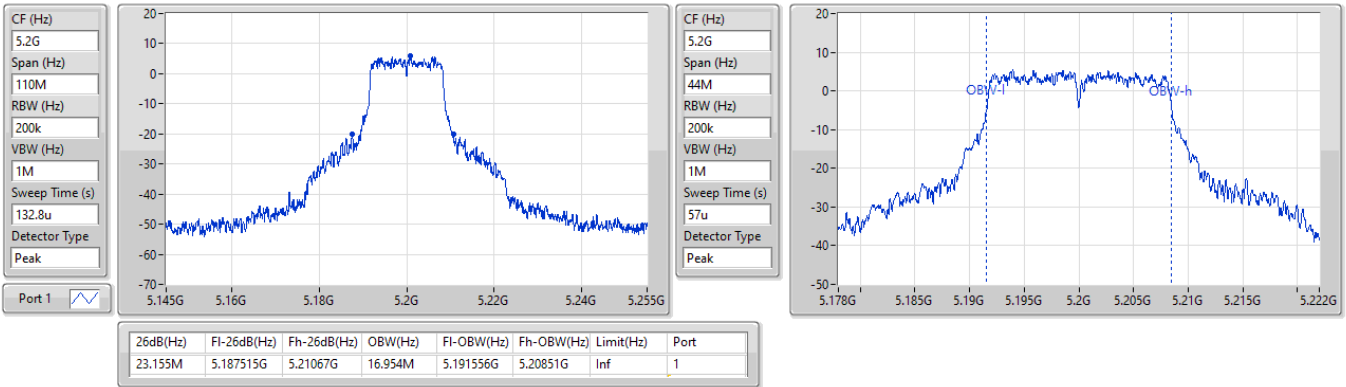
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

20/05/2025

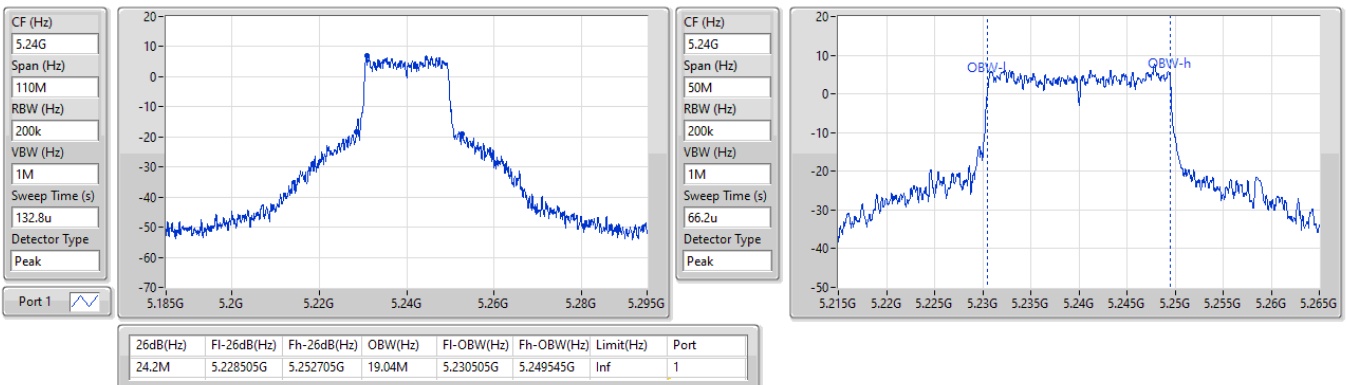


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

20/05/2025

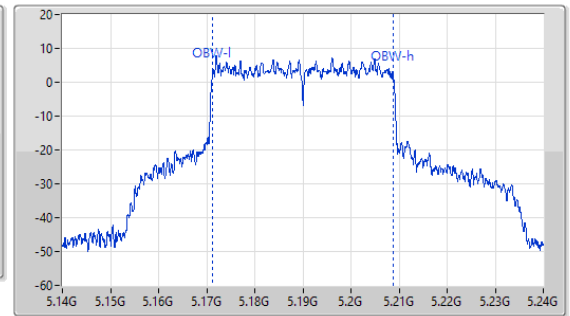
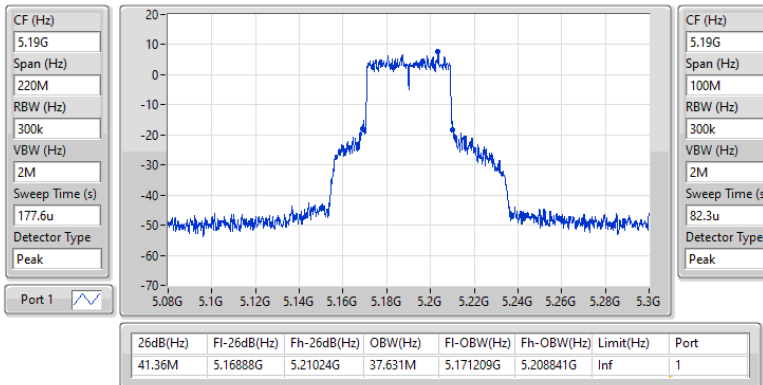


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

20/05/2025

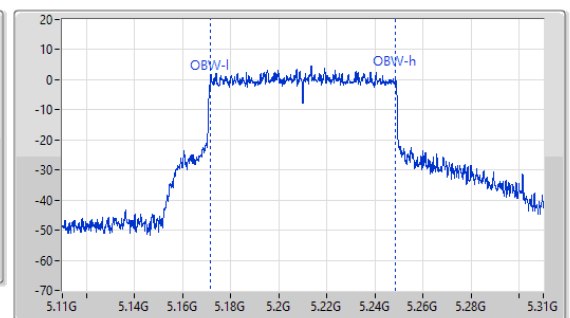
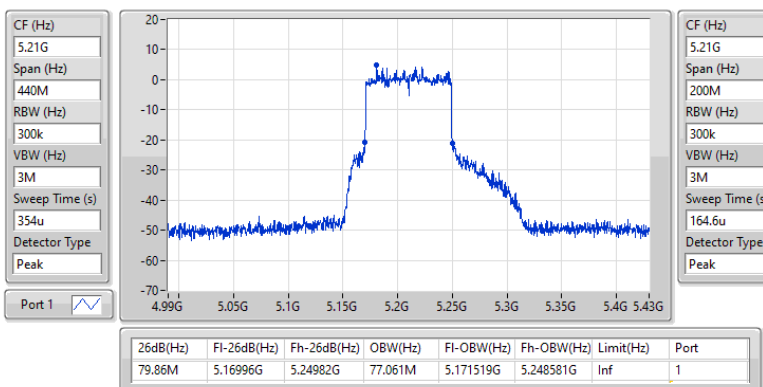


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/05/2025

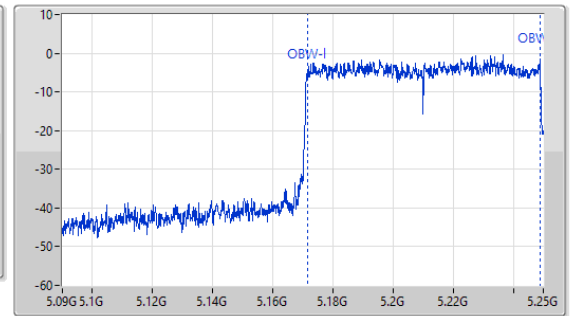
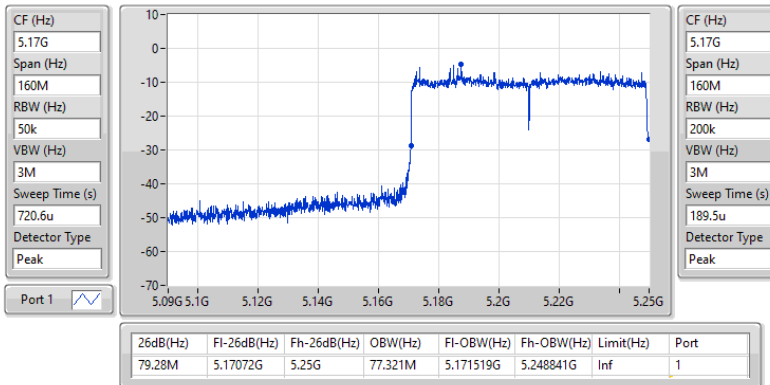


5.15-5.25GHz 802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

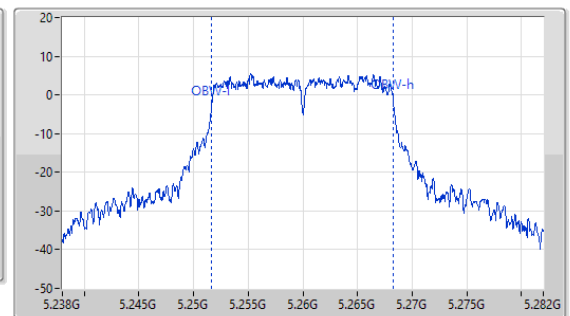
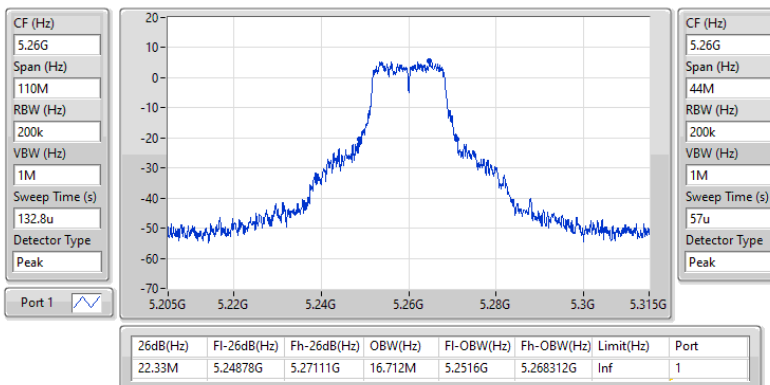


5.25-5.35GHz 802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

20/05/2025

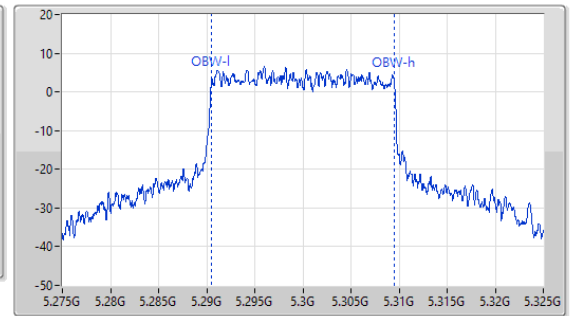
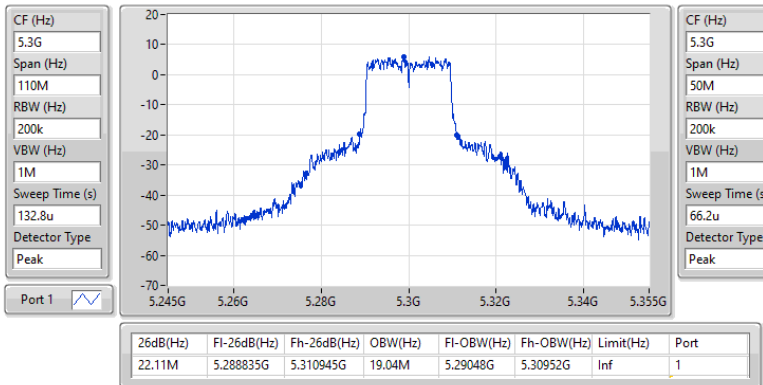


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

20/05/2025

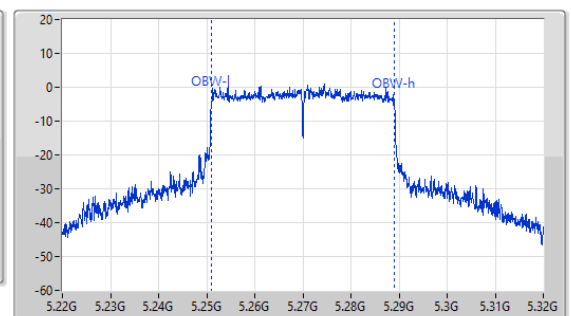
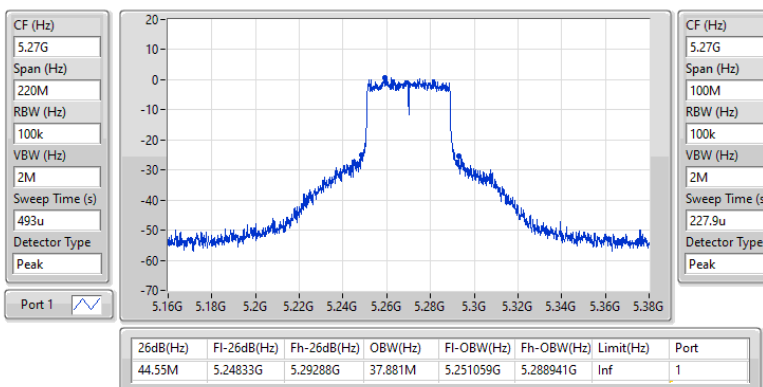


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

20/05/2025

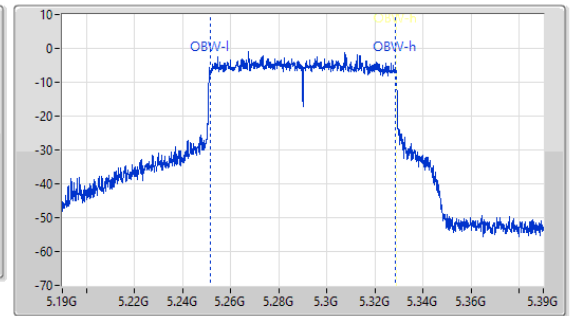
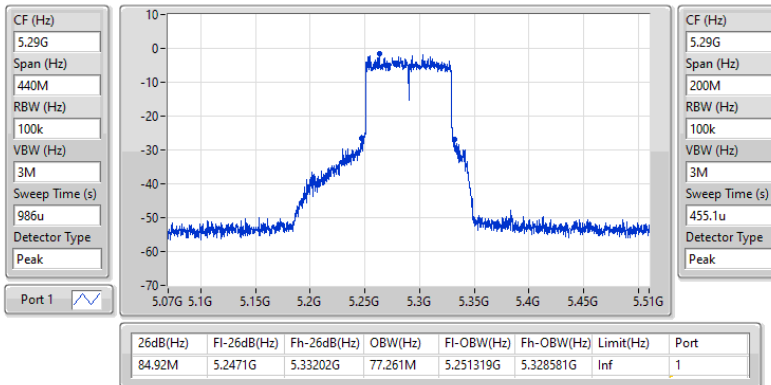


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

20/05/2025

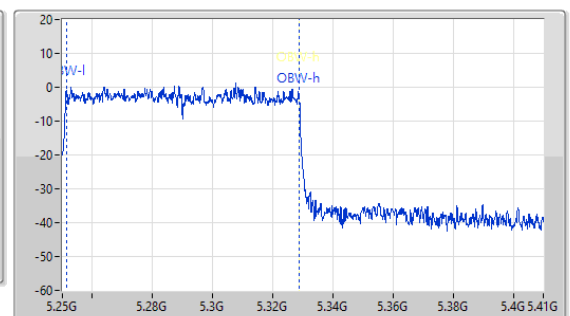
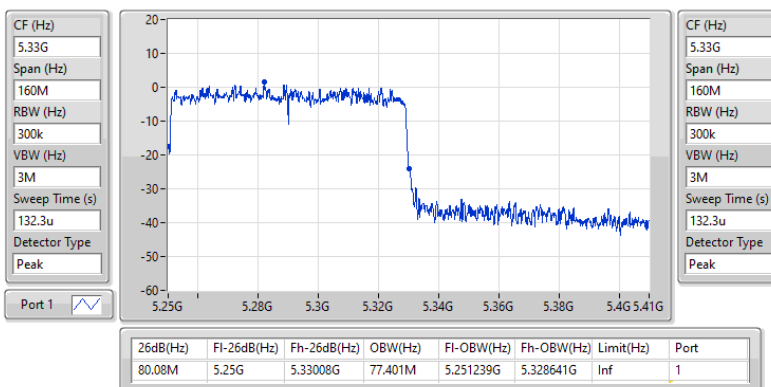


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

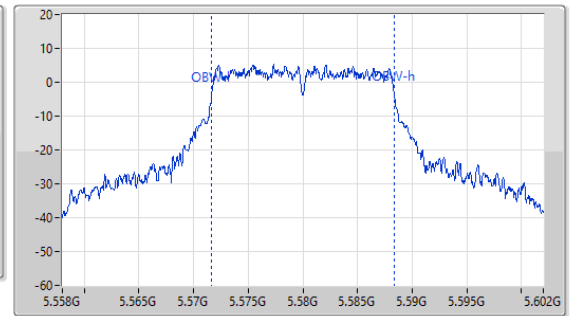
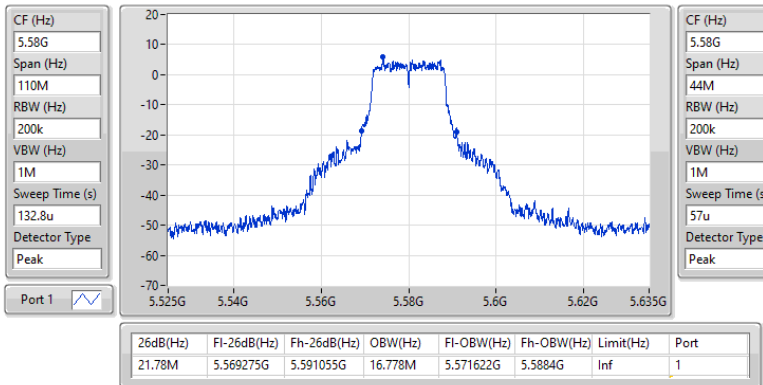


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

20/05/2025

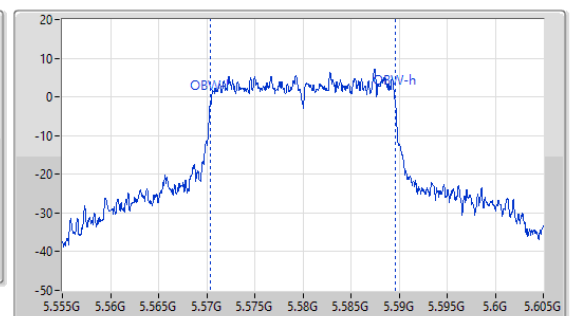
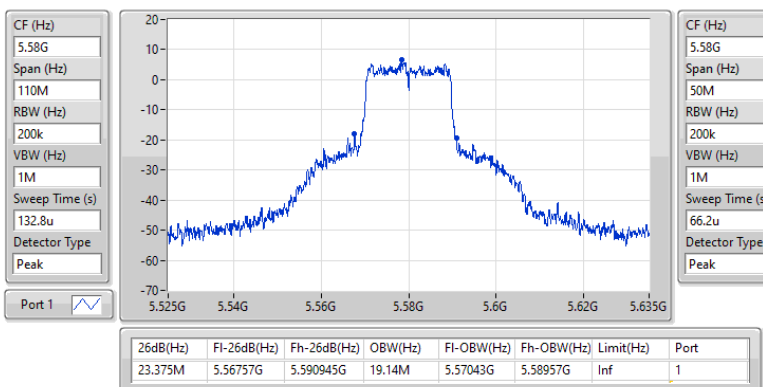


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

20/05/2025

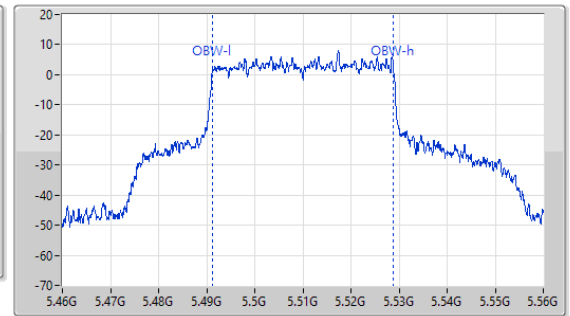
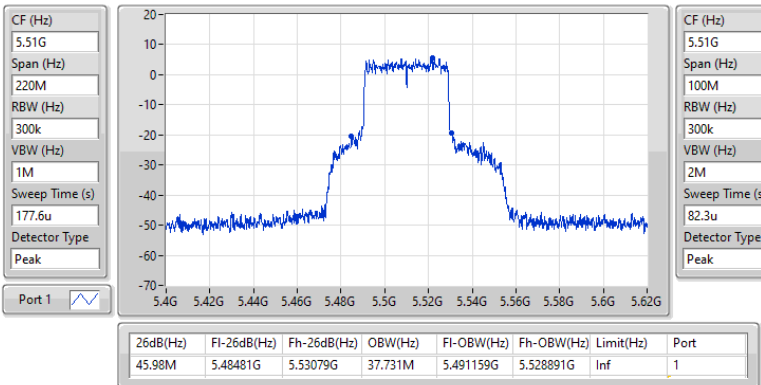


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

20/05/2025

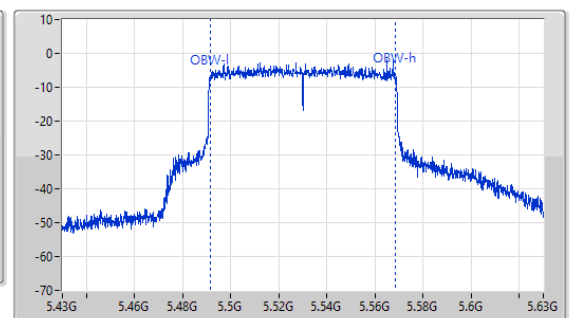
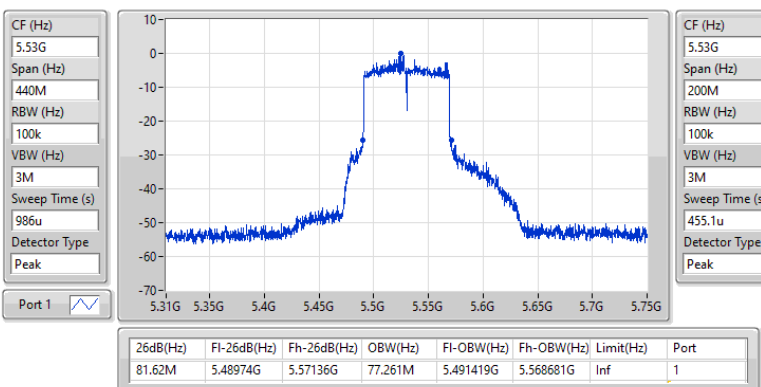


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

20/05/2025

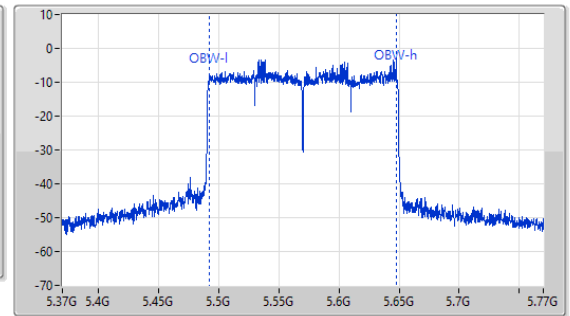
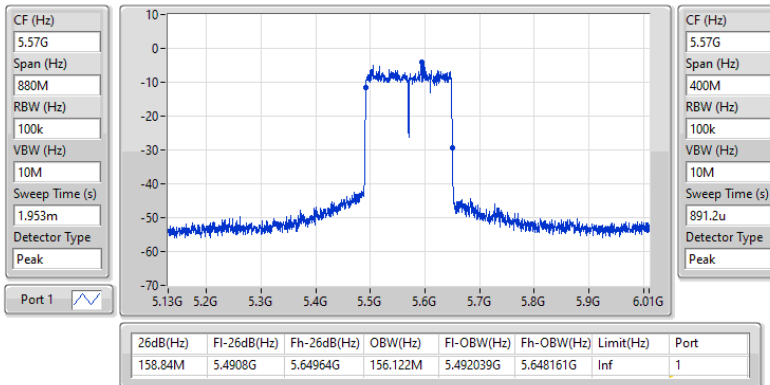


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

20/05/2025

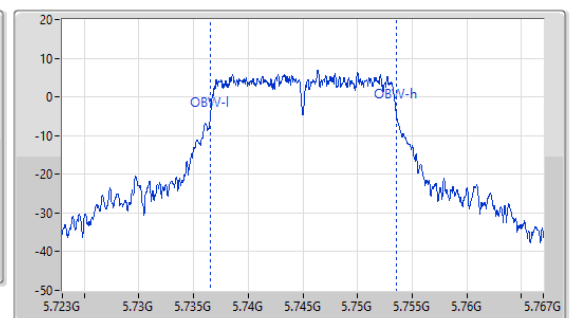
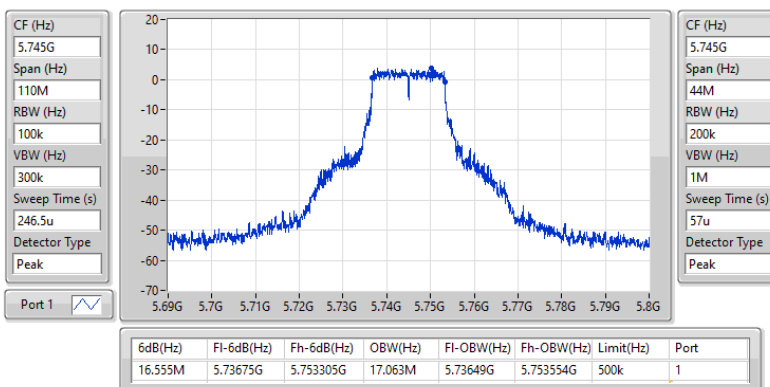


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

20/05/2025



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

EBW

5745MHz

20/05/2025

CF (Hz)
5.745G

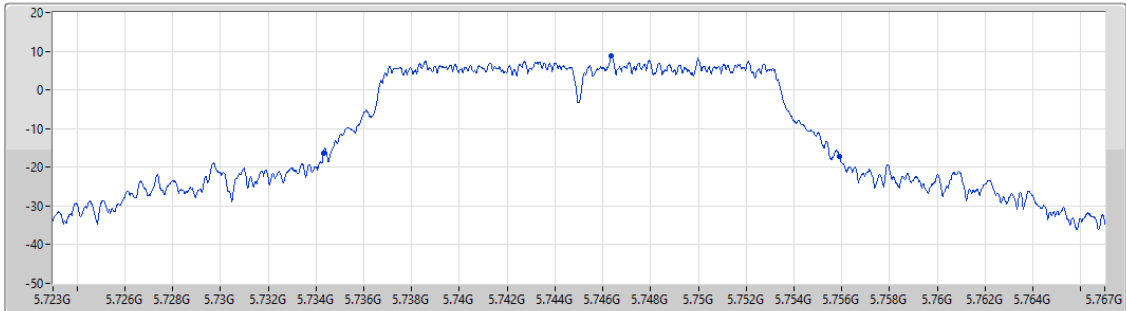
Span (Hz)
44M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.604M	5.734308G	5.755912G	Inf	1

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

EBW

5825MHz

20/05/2025

CF (Hz)
5.825G

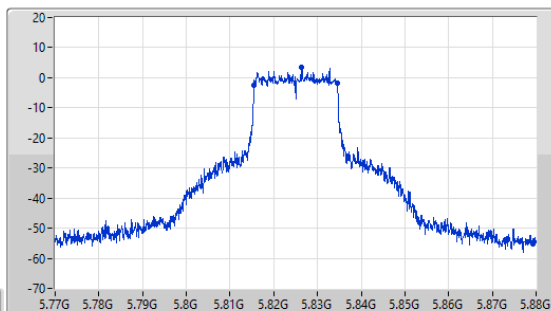
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
246.5u

Detector Type
Peak



6dB(Hz)	FI-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.81543G	5.83457G	19.14M	5.815505G	5.834645G	500k	1

CF (Hz)
5.825G

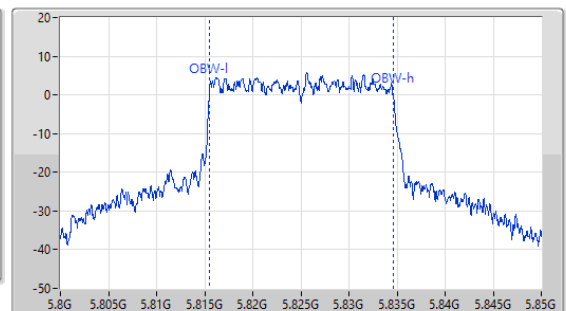
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak

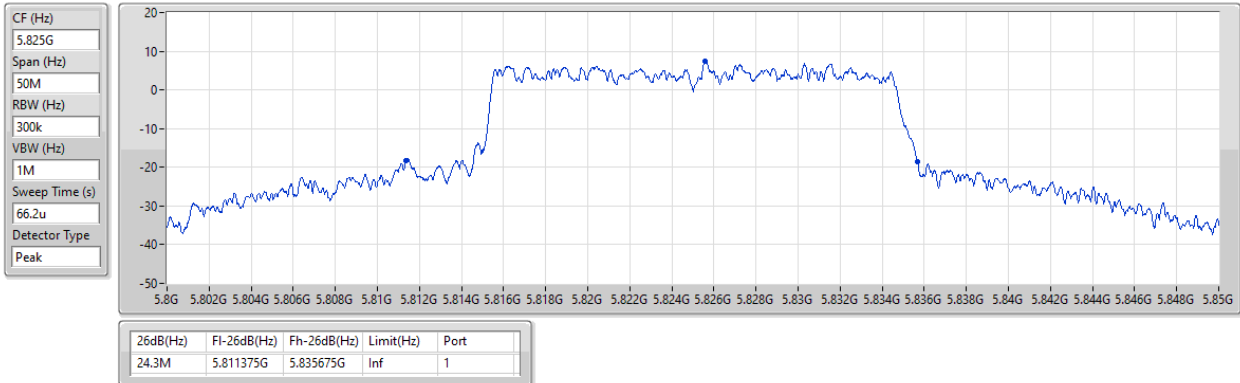


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5825MHz

20/05/2025

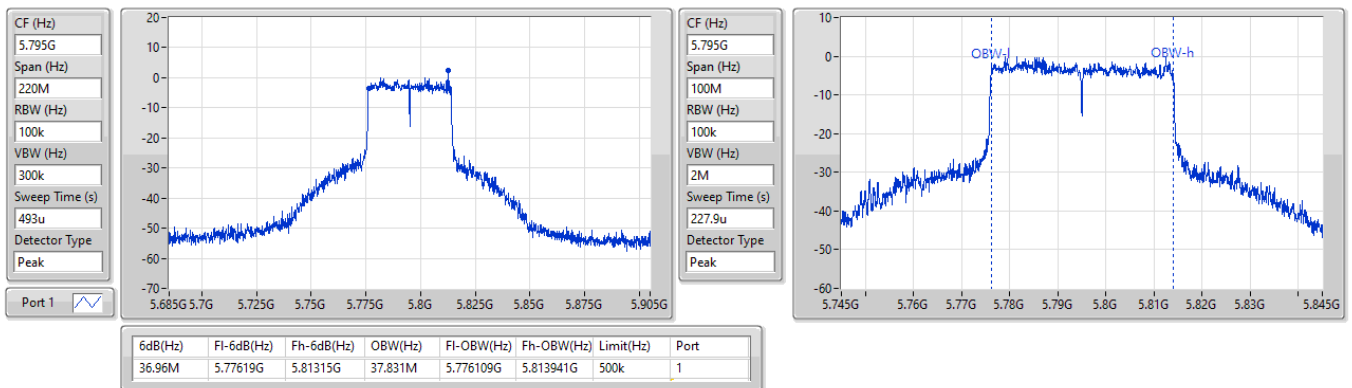


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

20/05/2025



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

EBW

5795MHz

20/05/2025

CF (Hz)
5.795G

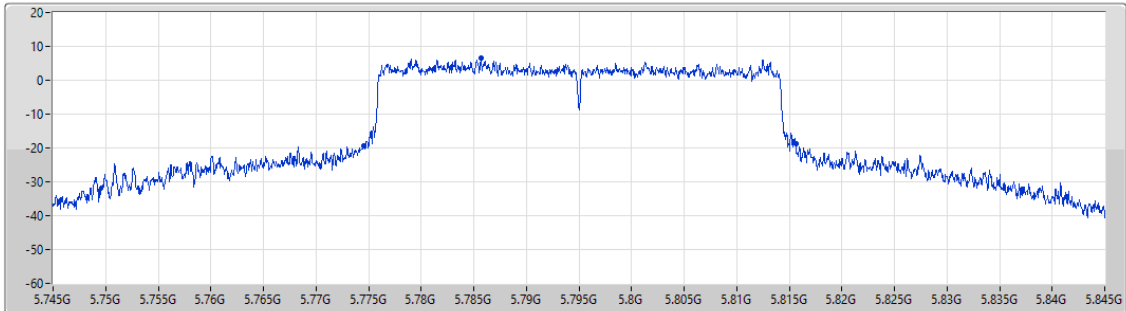
Span (Hz)
100M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
227.9u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.1M	5.77455G	5.81565G	Inf	1

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

EBW

5775MHz

20/05/2025

CF (Hz)
5.775G

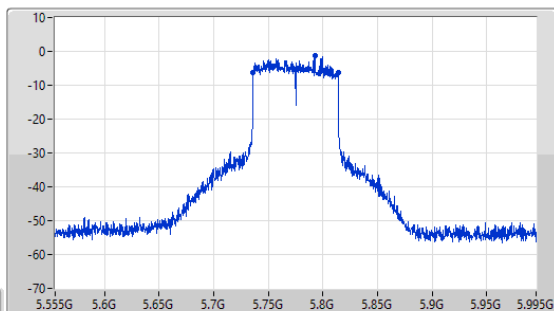
Span (Hz)
440M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
986u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.66M	5.73606G	5.81372G	77.161M	5.736319G	5.813481G	500k	1

CF (Hz)
5.775G

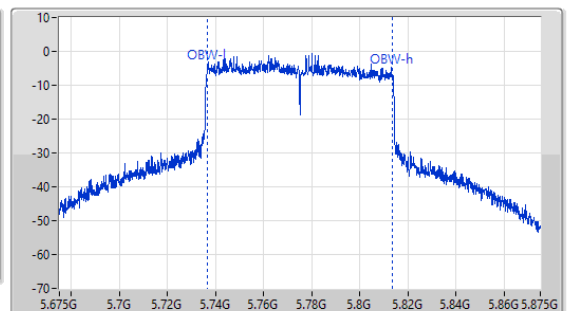
Span (Hz)
200M

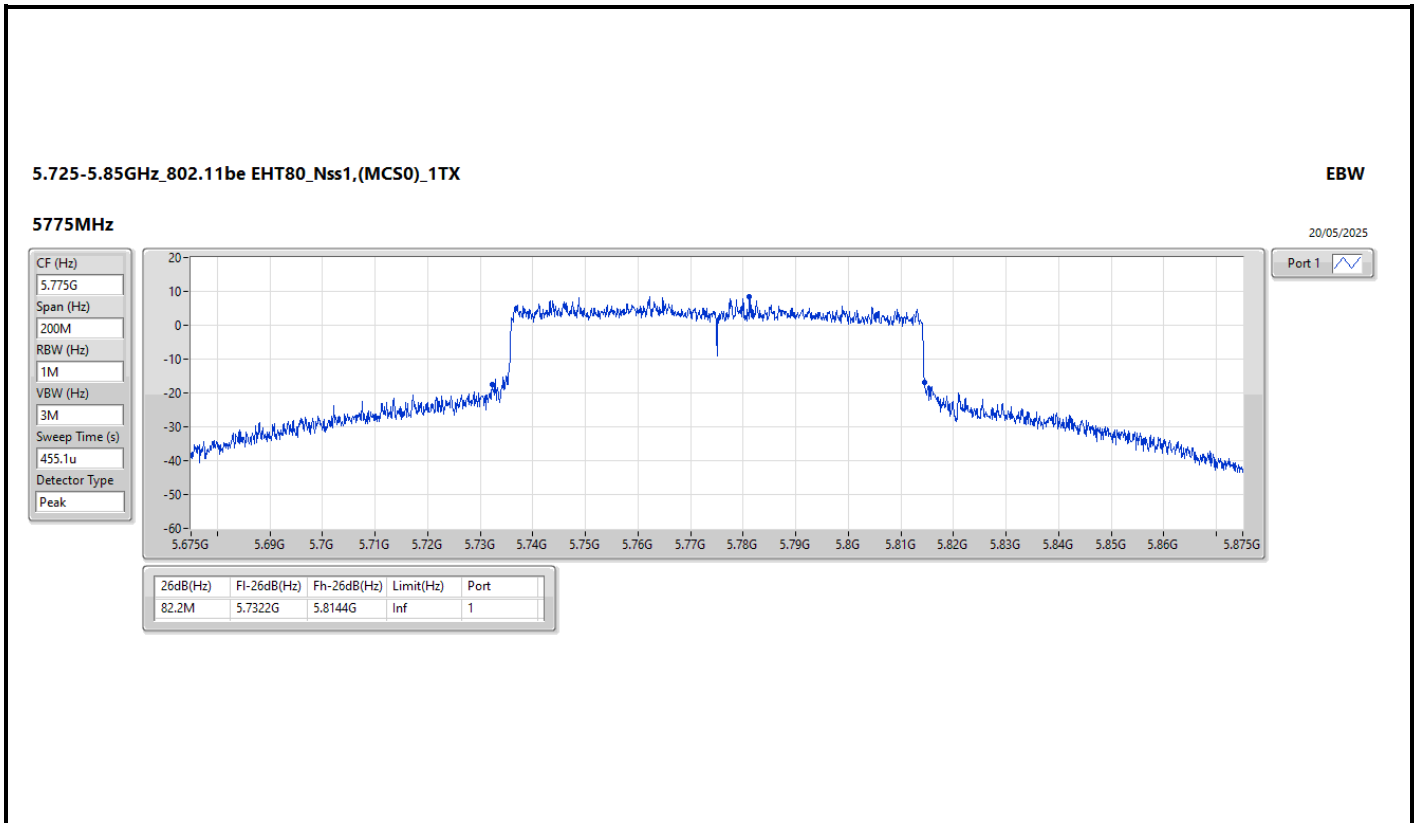
RBW (Hz)
100k

VBW (Hz)
3M

Sweep Time (s)
455.1u

Detector Type
Peak





**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	17.393M	17M4D1D	21.12M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	23.54M	19.165M	19M2D1D	20.9M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	42.79M	37.781M	37M8D1D	40.59M	37.581M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.161M	77M2D1D	81.62M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	79.36M	77.321M	77M3D1D	79.28M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.385M	17.239M	17M2D1D	21.23M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	24.42M	19.115M	19M1D1D	21.34M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	44.55M	37.931M	37M9D1D	40.59M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	85.58M	77.161M	77M2D1D	82.28M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	79.68M	77.561M	77M6D1D	79.6M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.43M	17.371M	17M4D1D	15.96M	13.403M
802.11be EHT20_Nss1,(MCS0)_2TX	22.715M	19.265M	19M3D1D	16.02M	14.438M
802.11be EHT40_Nss1,(MCS0)_2TX	52.91M	37.881M	37M9D1D	34.825M	33.723M
802.11be EHT80_Nss1,(MCS0)_2TX	87.78M	77.361M	77M4D1D	74.475M	73.163M
802.11be EHT160_Nss1,(MCS0)_2TX	159.72M	156.122M	156MD1D	158.4M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	17.283M	17M3D1D	3.2M	4.718M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.265M	19M3D1D	4.6M	5.097M
802.11be EHT40_Nss1,(MCS0)_2TX	38.28M	37.781M	37M8D1D	4.06M	8.016M
802.11be EHT80_Nss1,(MCS0)_2TX	77.44M	77.261M	77M3D1D	4.06M	15.552M

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	21.34M	16.822M	21.725M	16.888M
5200MHz	Pass	Inf	21.835M	17.393M	21.175M	16.756M
5240MHz	Pass	Inf	21.12M	16.954M	22.605M	16.822M
5260MHz	Pass	Inf	22.055M	17.239M	21.67M	16.756M
5300MHz	Pass	Inf	21.23M	16.778M	22.22M	16.602M
5320MHz	Pass	Inf	22.385M	16.734M	21.56M	16.712M
5500MHz	Pass	Inf	23.32M	16.932M	22.99M	17.239M
5580MHz	Pass	Inf	23.43M	16.998M	22.055M	17.371M
5700MHz	Pass	Inf	20.79M	16.646M	20.57M	16.69M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.96M	13.553M	16.005M	13.403M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.718M	3.2M	4.718M
5745MHz	Pass	500k	16.39M	16.954M	16.335M	16.998M
5785MHz	Pass	500k	16.335M	16.998M	16.5M	16.844M
5825MHz	Pass	500k	16.5M	17.283M	16.335M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.165M	19.165M	23.155M	19.065M
5200MHz	Pass	Inf	20.9M	19.015M	23.54M	19.015M
5240MHz	Pass	Inf	21.945M	19.065M	21.615M	19.04M
5260MHz	Pass	Inf	21.34M	18.991M	24.42M	19.065M
5300MHz	Pass	Inf	22.055M	19.09M	21.505M	19.065M
5320MHz	Pass	Inf	24.31M	19.015M	21.45M	19.115M
5500MHz	Pass	Inf	20.24M	19.065M	22.055M	19.265M
5580MHz	Pass	Inf	20.955M	19.14M	22.715M	19.19M
5700MHz	Pass	Inf	21.175M	18.991M	21.12M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.02M	14.438M	19.05M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.6M	5.097M	4.62M	5.297M
5745MHz	Pass	500k	19.14M	19.09M	19.14M	19.015M
5785MHz	Pass	500k	19.14M	19.265M	19.14M	19.19M
5825MHz	Pass	500k	19.03M	19.065M	19.085M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.59M	37.631M	40.81M	37.781M
5230MHz	Pass	Inf	40.92M	37.581M	42.79M	37.731M
5270MHz	Pass	Inf	40.81M	37.731M	42.02M	37.781M
5310MHz	Pass	Inf	44.55M	37.831M	40.59M	37.931M
5510MHz	Pass	Inf	41.36M	37.781M	40.04M	37.881M
5550MHz	Pass	Inf	40.04M	37.731M	52.91M	37.731M
5670MHz	Pass	Inf	41.14M	37.731M	48.07M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	33.723M	34.86M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	8.016M	4.06M	8.756M
5755MHz	Pass	500k	38.06M	37.731M	38.06M	37.781M
5795MHz	Pass	500k	38.06M	37.731M	38.28M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.62M	77.161M	81.84M	76.962M
5290MHz	Pass	Inf	82.28M	77.161M	85.58M	77.161M
5530MHz	Pass	Inf	87.78M	77.161M	82.06M	77.161M
5610MHz	Pass	Inf	80.08M	77.261M	81.4M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.475M	73.163M	76.2M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	15.552M	4.1M	15.592M
5775MHz	Pass	500k	75.9M	77.261M	77.44M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.28M	77.321M	79.36M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.68M	77.561M	79.6M	77.241M
5570MHz	Pass	Inf	159.72M	155.922M	158.4M	156.122M

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

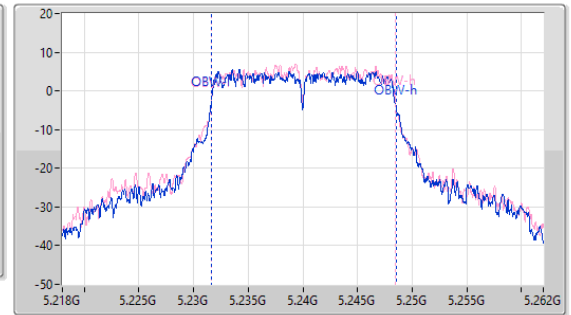
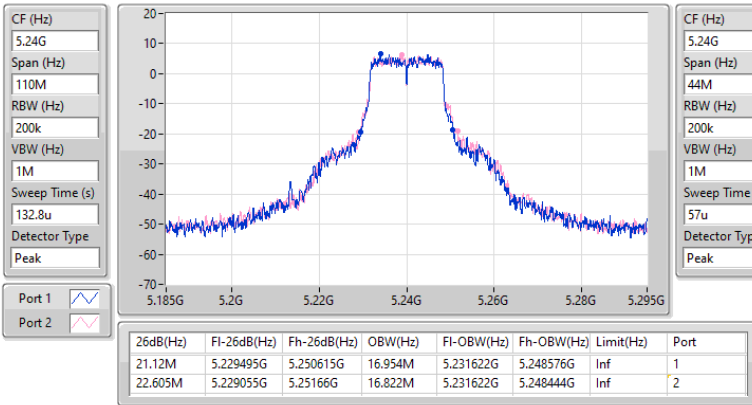
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

20/05/2025

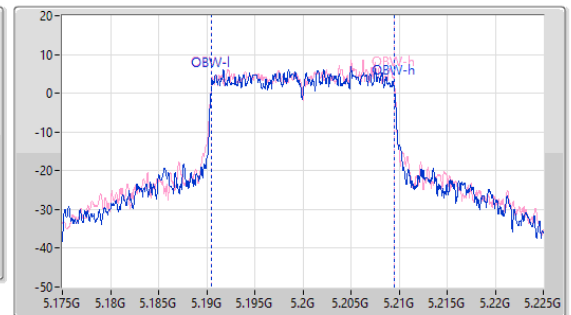
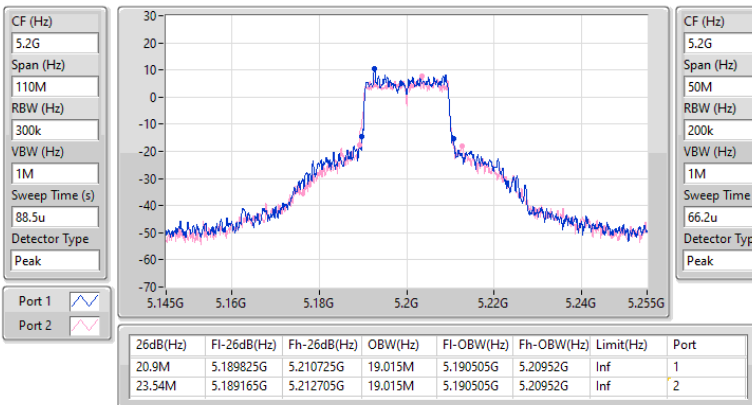


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

20/05/2025

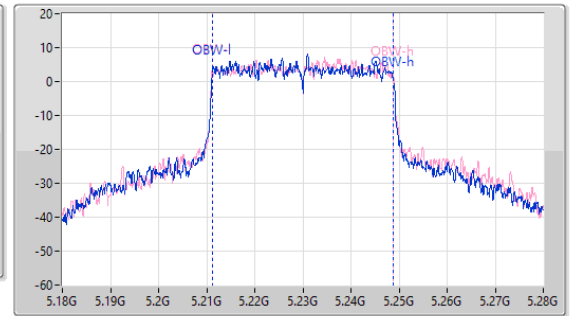
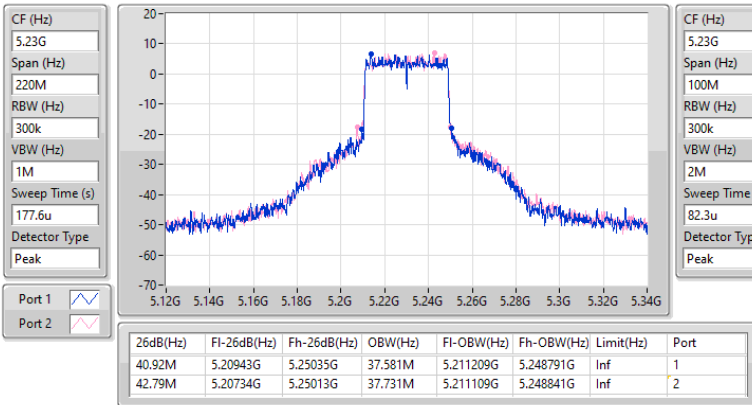


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

20/05/2025

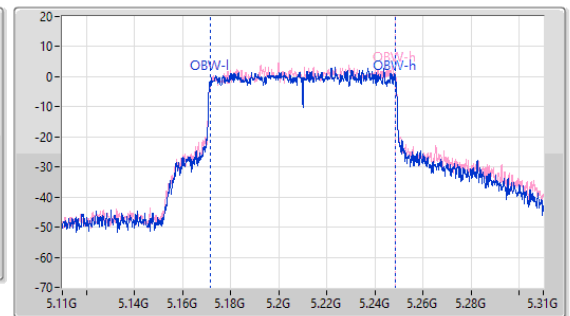
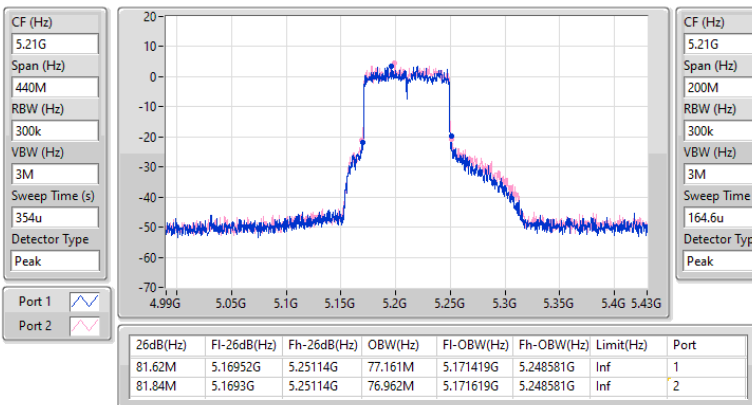


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

20/05/2025

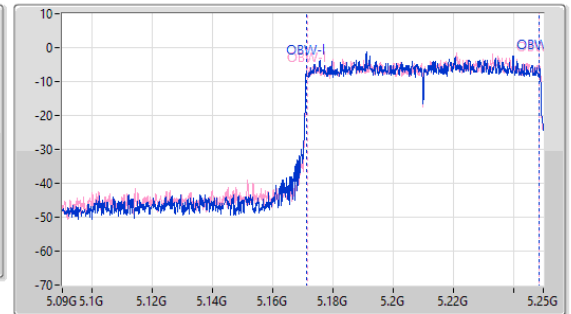
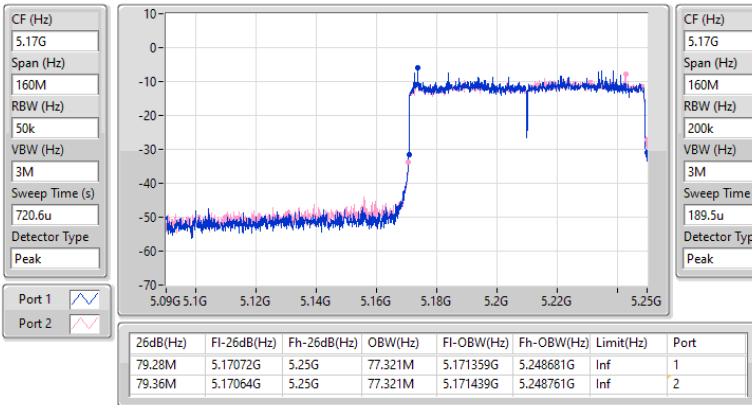


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

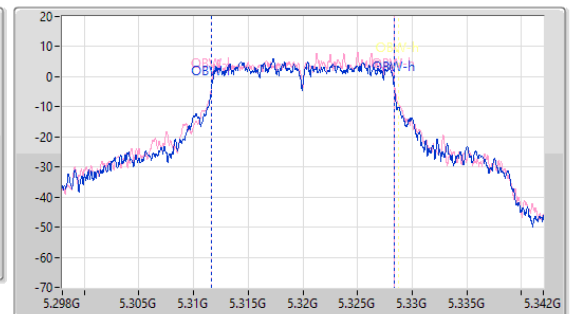
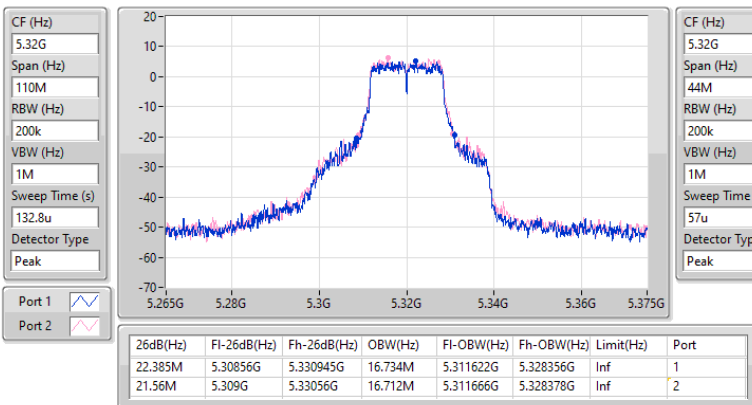


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

20/05/2025

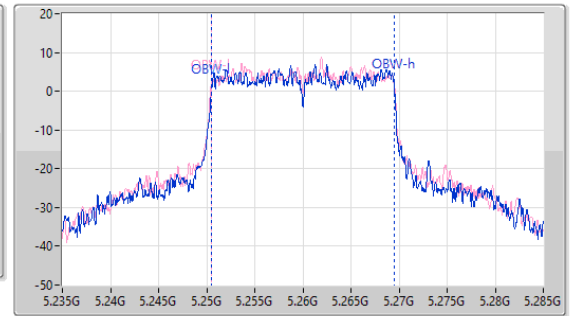
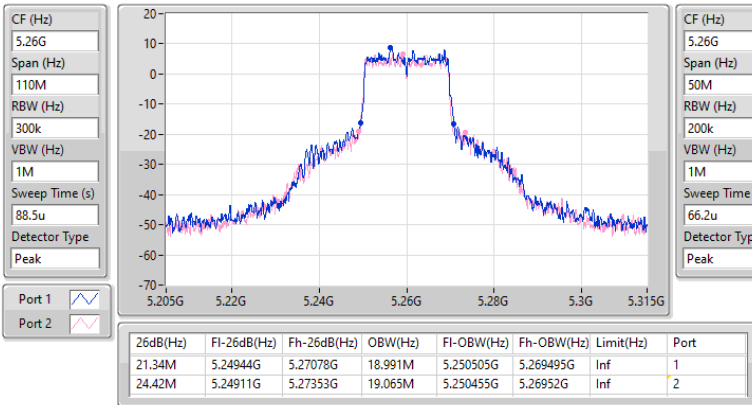


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

20/05/2025

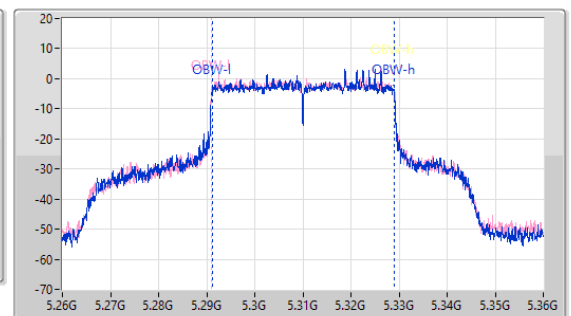
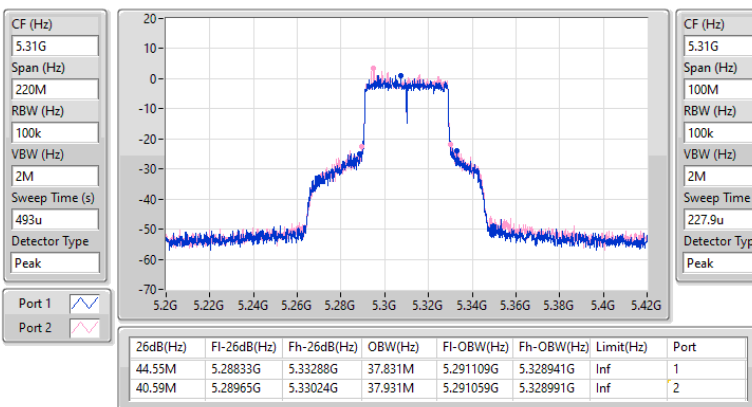


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

20/05/2025

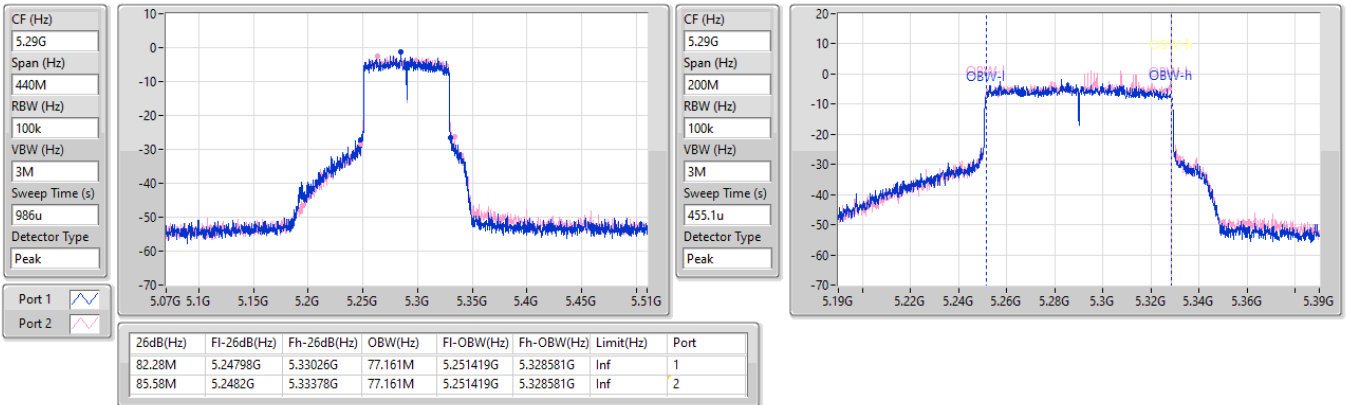


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/05/2025

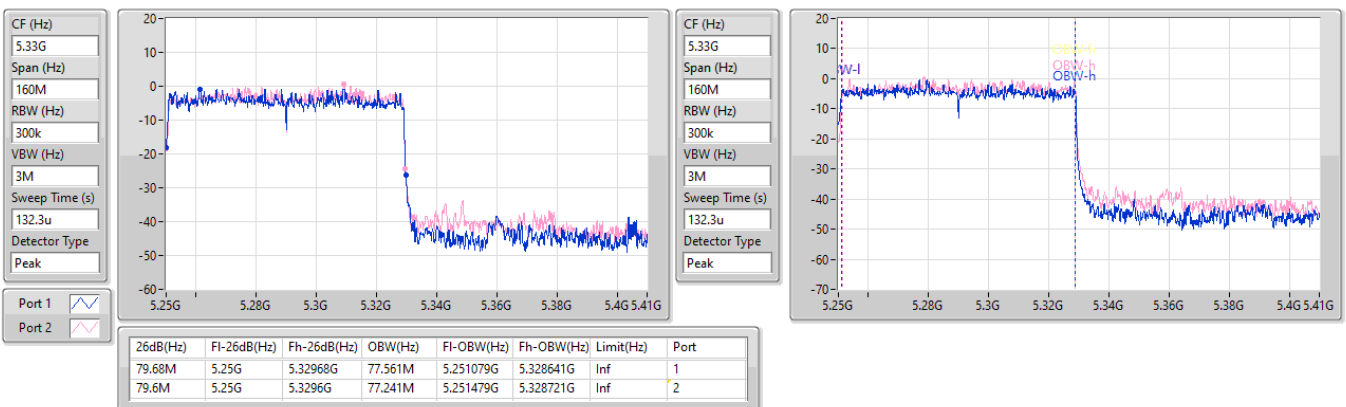


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

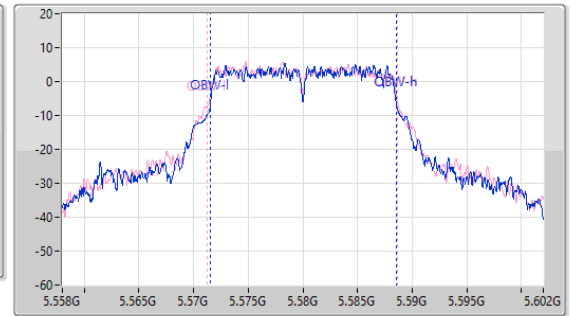
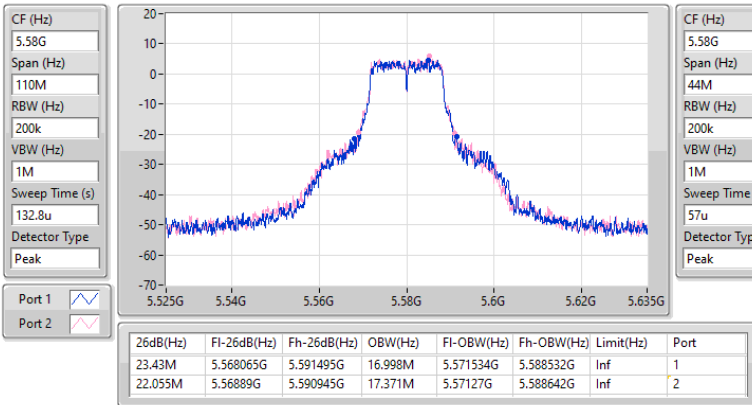


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

20/05/2025

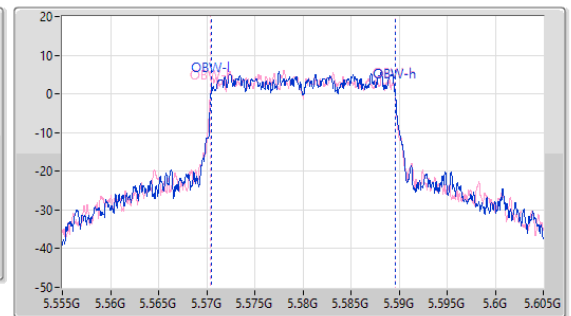
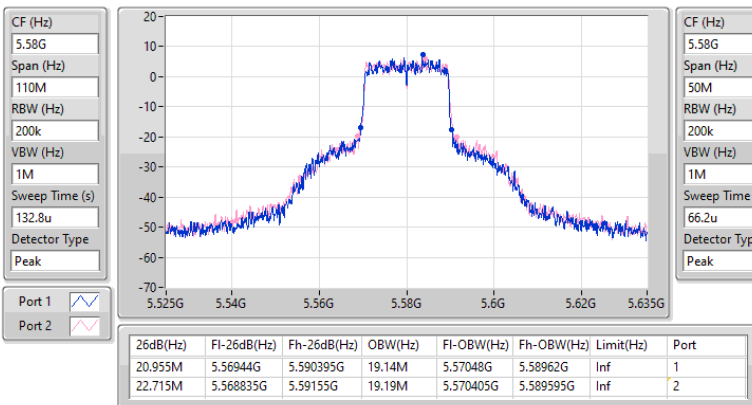


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

20/05/2025

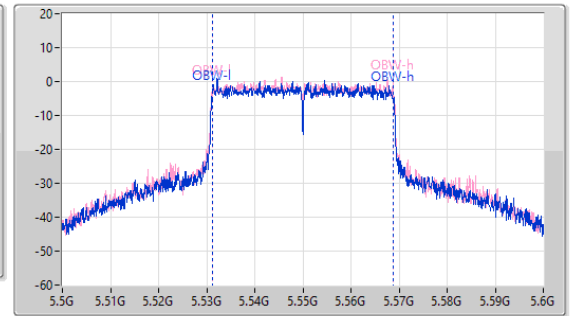
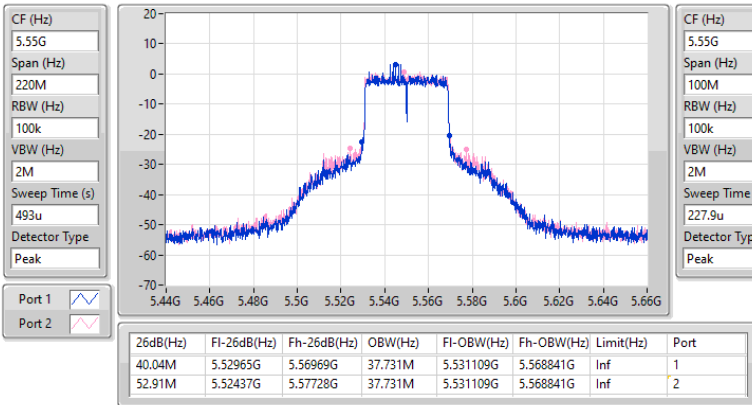


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

20/05/2025

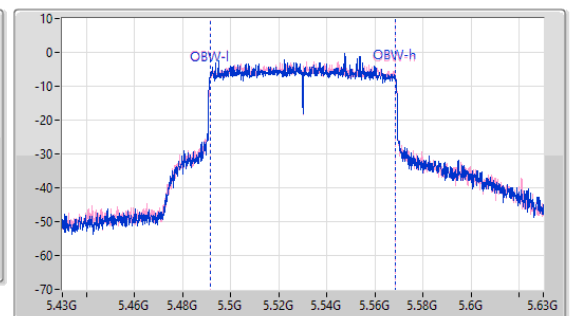
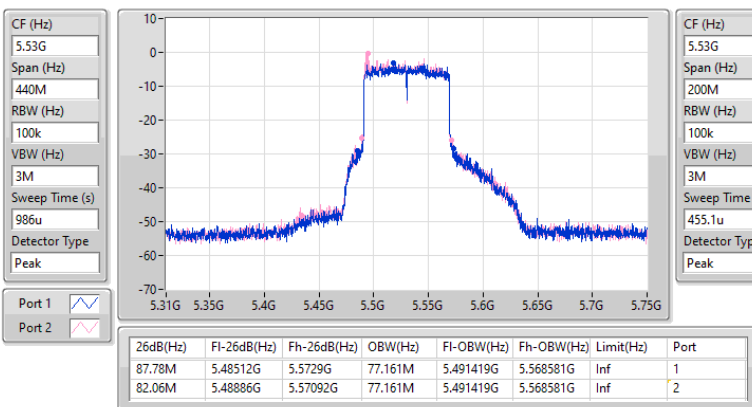


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/05/2025

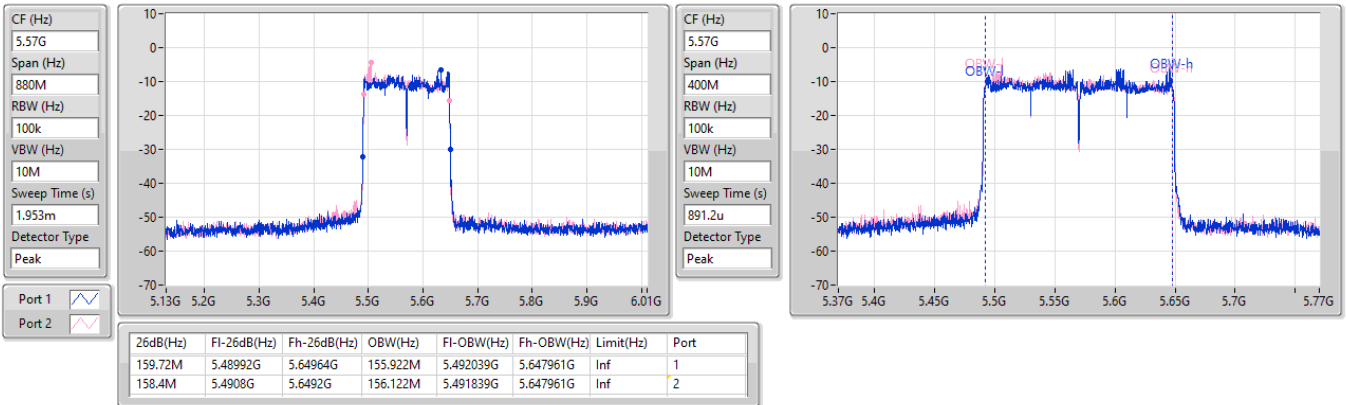


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

20/05/2025

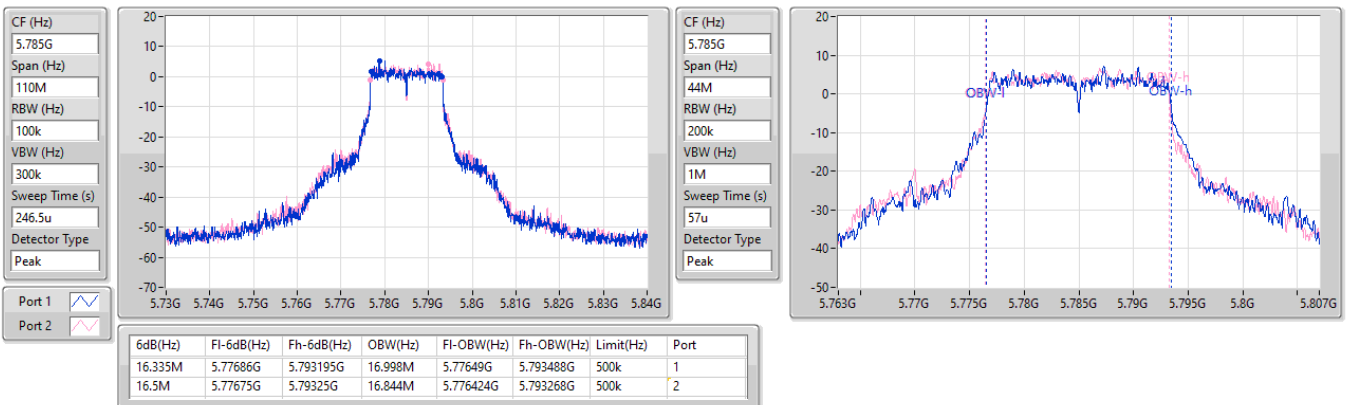


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

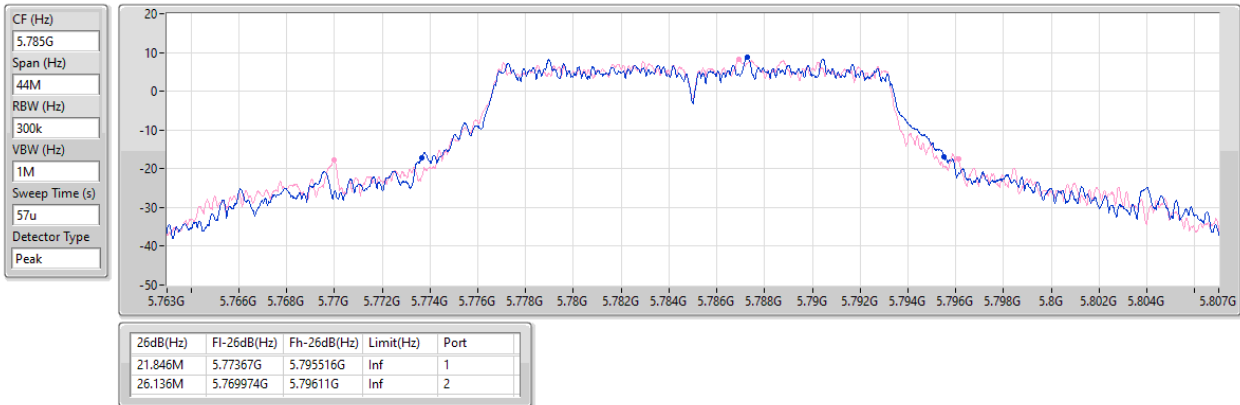


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

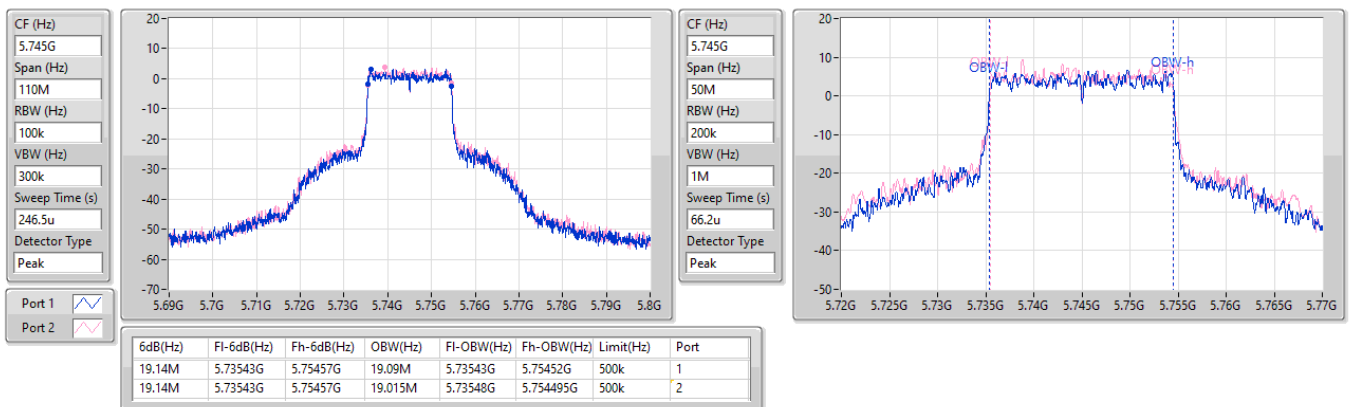


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

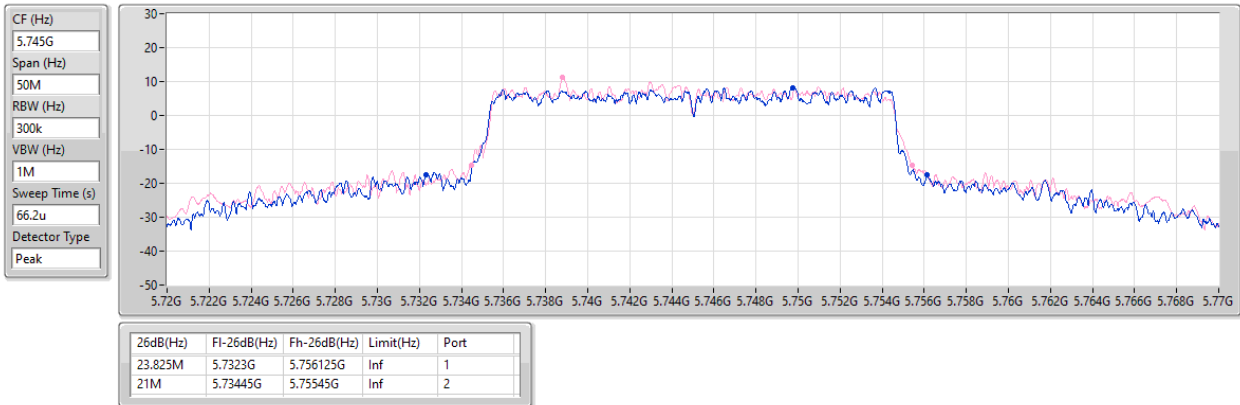


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

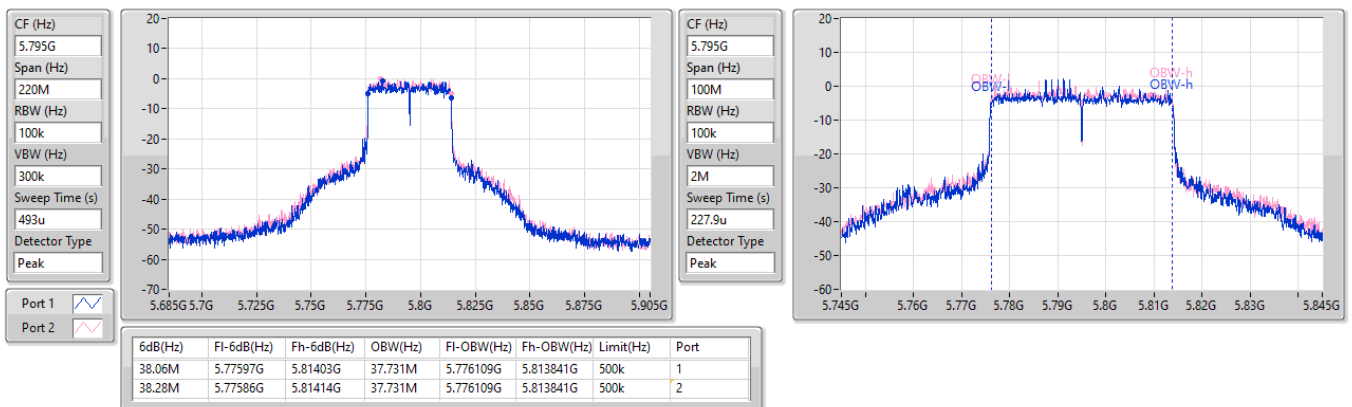


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

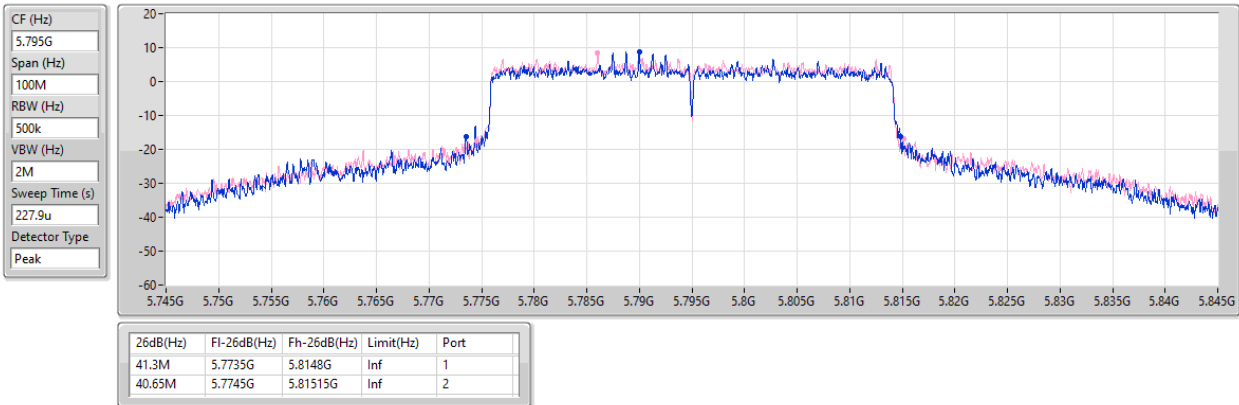


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

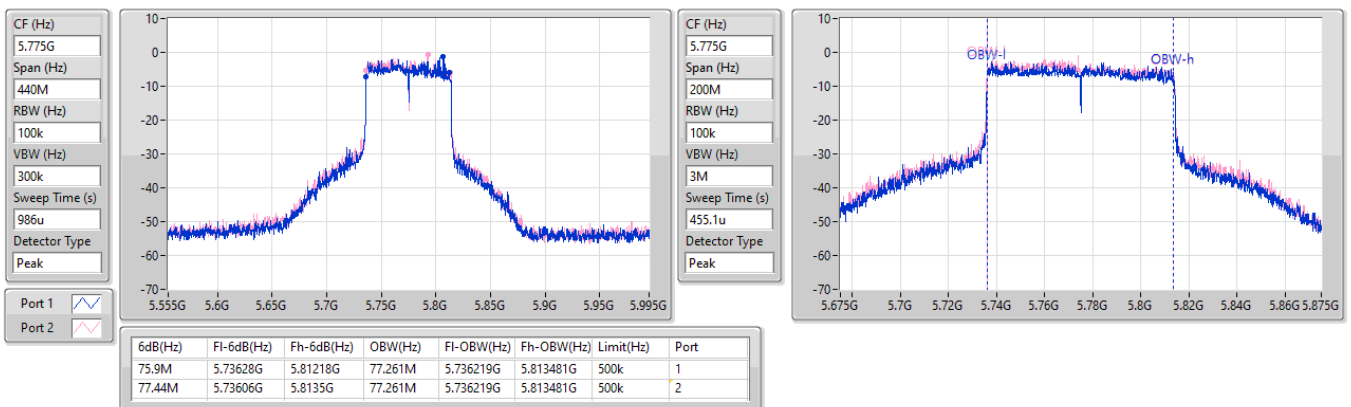


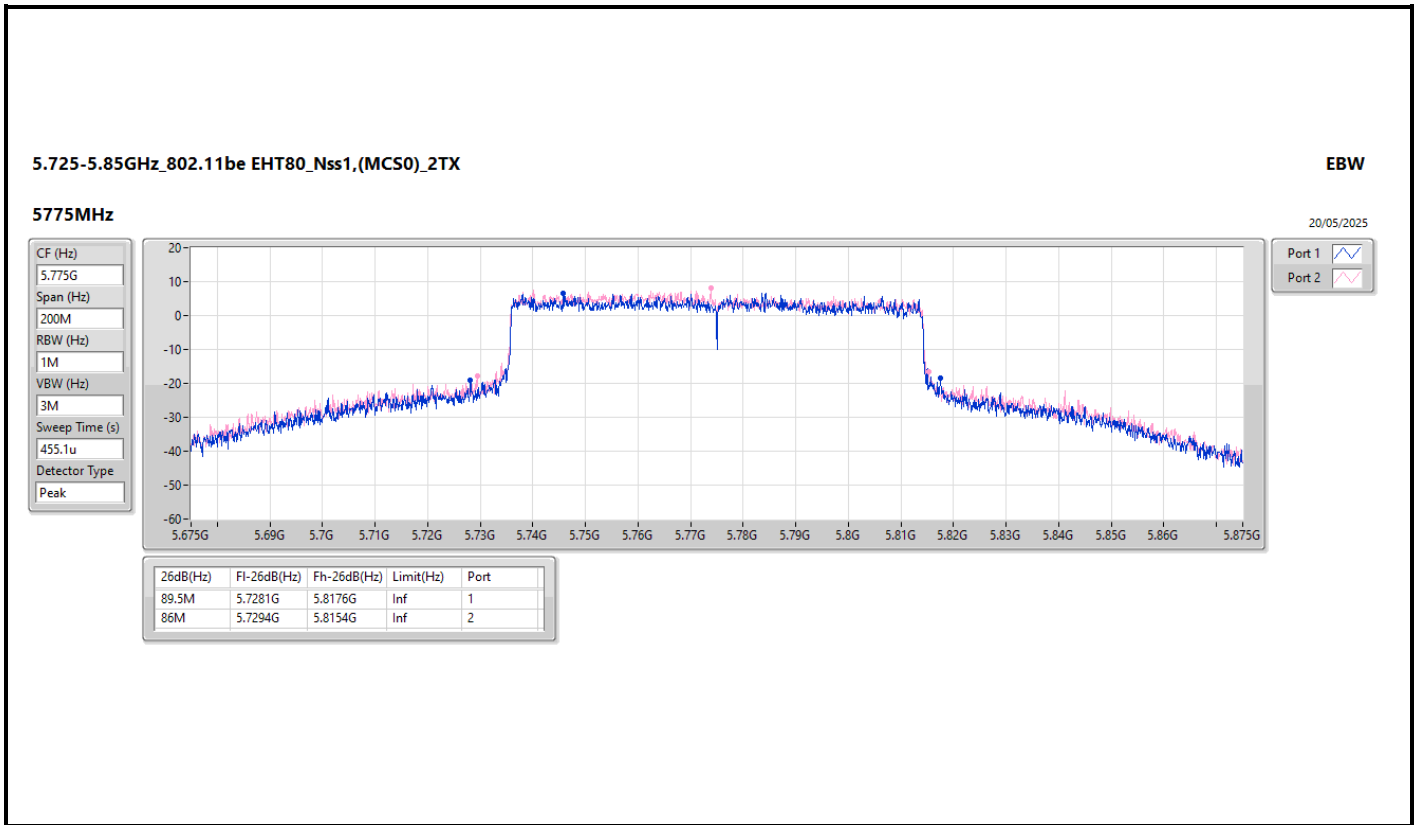
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/05/2025





**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	23.925M	19.29M	19M3D1D	21.45M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	50.16M	37.831M	37M8D1D	42.35M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	83.6M	77.161M	77M2D1D	80.3M	77.061M
802.11be EHT160_Nss2,(MCS0)_2TX	79.52M	77.241M	77M2D1D	79.36M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.915M	19.24M	19M2D1D	21.175M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	46.31M	37.831M	37M8D1D	40.81M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	86.46M	77.261M	77M3D1D	81.4M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	79.92M	77.241M	77M2D1D	79.68M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.97M	19.14M	19M1D1D	15.555M	14.438M
802.11be EHT40_Nss2,(MCS0)_2TX	45.98M	37.831M	37M8D1D	35.175M	33.618M
802.11be EHT80_Nss2,(MCS0)_2TX	93.5M	77.261M	77M3D1D	74.625M	73.013M
802.11be EHT160_Nss2,(MCS0)_2TX	159.28M	156.122M	156MD1D	159.28M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.195M	19.29M	19M3D1D	4.52M	5.397M
802.11be EHT40_Nss2,(MCS0)_2TX	37.73M	37.831M	37M8D1D	4.06M	10.075M
802.11be EHT80_Nss2,(MCS0)_2TX	77.22M	77.361M	77M4D1D	2.56M	13.553M

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	22.385M	19.115M	21.615M	19.29M
5200MHz	Pass	Inf	22.495M	19.04M	22.385M	19.04M
5240MHz	Pass	Inf	21.45M	19.065M	23.925M	19.04M
5260MHz	Pass	Inf	23.925M	19.04M	21.175M	19.015M
5300MHz	Pass	Inf	24.2M	19.04M	22.825M	19.14M
5320MHz	Pass	Inf	24.915M	19.065M	22.88M	19.24M
5500MHz	Pass	Inf	24.145M	19.14M	24.695M	19.04M
5580MHz	Pass	Inf	22M	19.065M	24.97M	19.065M
5700MHz	Pass	Inf	21.615M	18.991M	21.34M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.08M	14.438M	15.555M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	5.397M	4.52M	5.797M
5745MHz	Pass	500k	19.085M	19.14M	19.03M	19.215M
5785MHz	Pass	500k	19.085M	19.04M	19.085M	19.115M
5825MHz	Pass	500k	19.03M	19.015M	19.195M	19.29M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	47.96M	37.681M	50.16M	37.831M
5230MHz	Pass	Inf	46.97M	37.731M	42.35M	37.831M
5270MHz	Pass	Inf	41.03M	37.681M	40.81M	37.681M
5310MHz	Pass	Inf	42.68M	37.781M	46.31M	37.831M
5510MHz	Pass	Inf	43.45M	37.781M	45.98M	37.731M
5550MHz	Pass	Inf	44.55M	37.781M	40.26M	37.781M
5670MHz	Pass	Inf	44.99M	37.831M	43.89M	37.831M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.575M	33.618M	35.175M	33.618M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	10.075M	4.06M	13.333M
5755MHz	Pass	500k	37.73M	37.731M	37.73M	37.831M
5795MHz	Pass	500k	37.62M	37.731M	37.73M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.6M	77.061M	80.3M	77.161M
5290MHz	Pass	Inf	81.4M	77.261M	86.46M	77.161M
5530MHz	Pass	Inf	93.5M	77.261M	80.08M	77.161M
5610MHz	Pass	Inf	79.64M	77.261M	80.74M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.625M	73.088M	75.45M	73.013M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	13.553M	2.56M	16.852M
5775MHz	Pass	500k	77.22M	77.361M	70.18M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.52M	77.081M	79.36M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.92M	77.161M	79.68M	77.241M
5570MHz	Pass	Inf	159.28M	155.922M	159.28M	156.122M

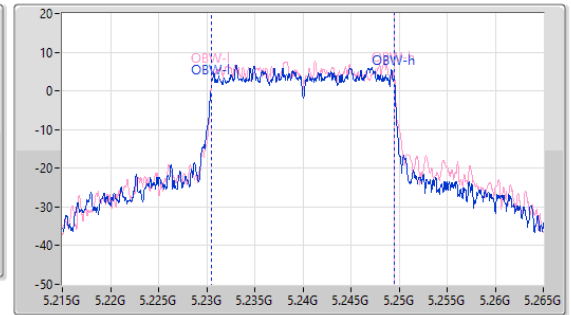
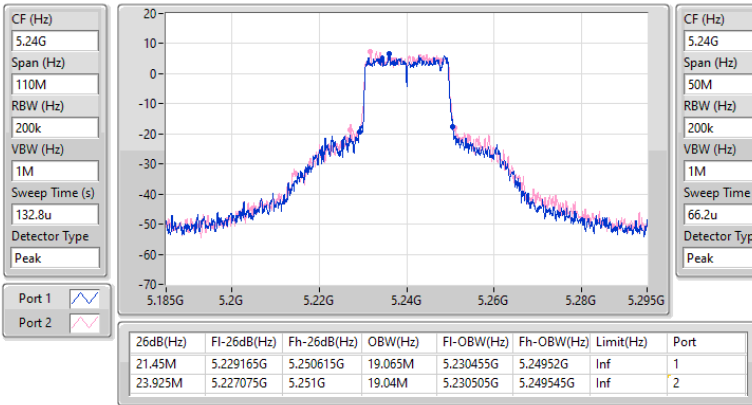
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

20/05/2025

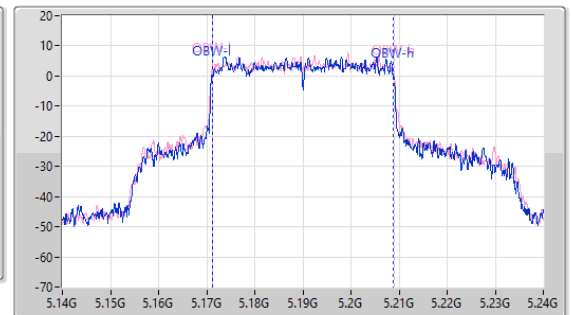
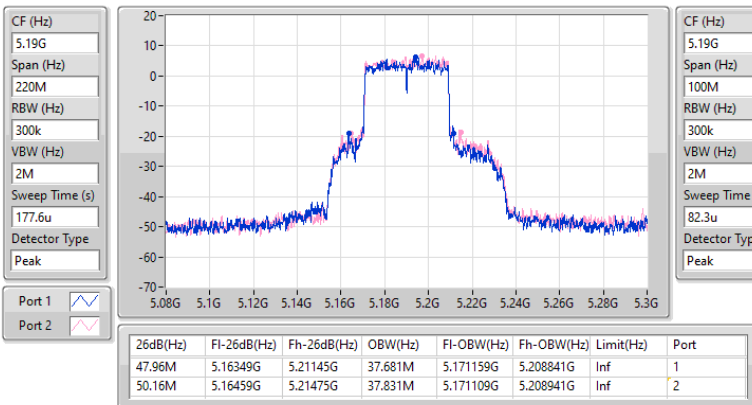


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

20/05/2025

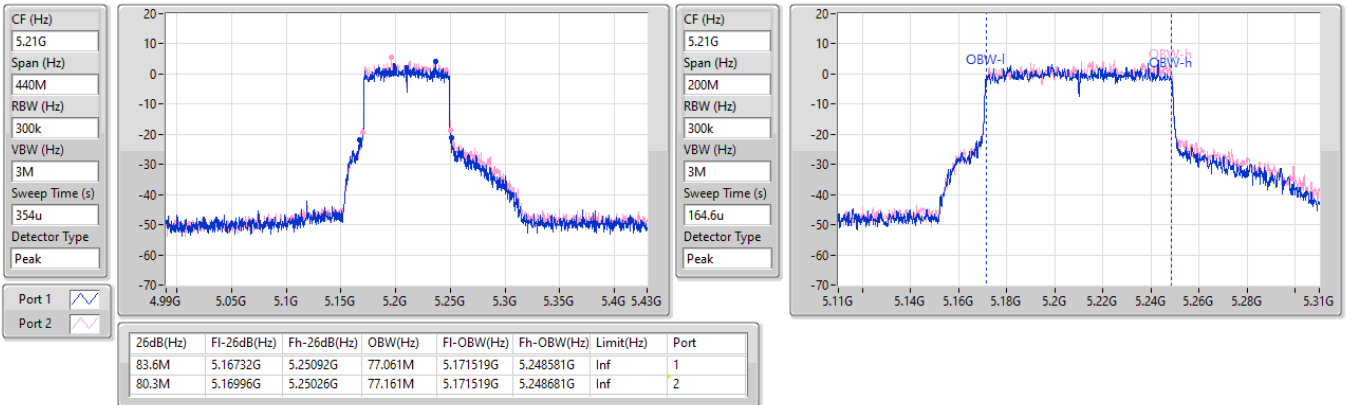


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

20/05/2025

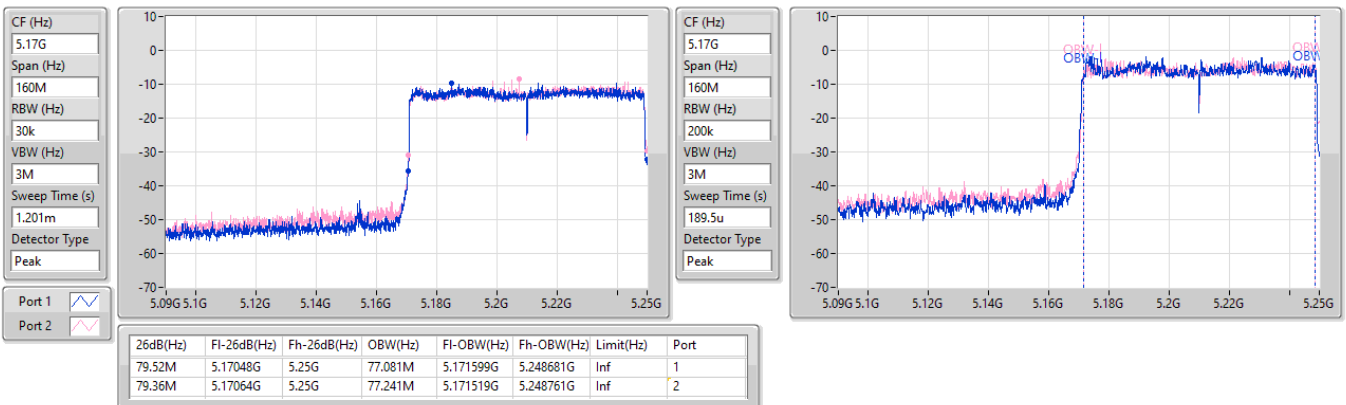


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

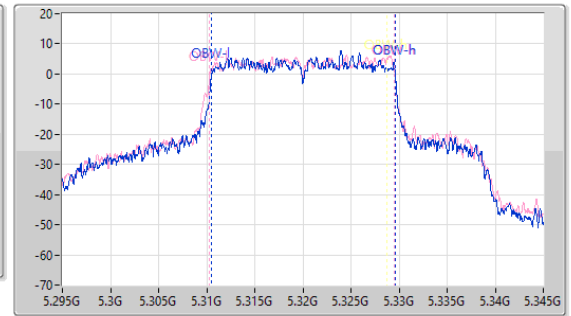
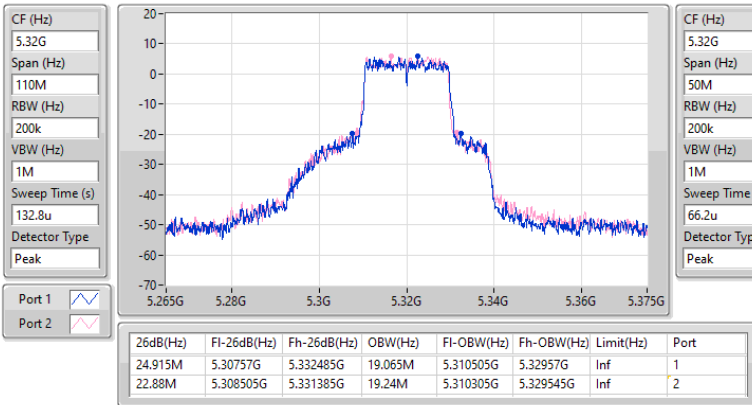


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

20/05/2025

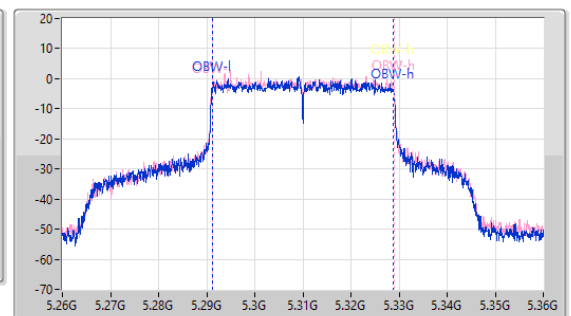
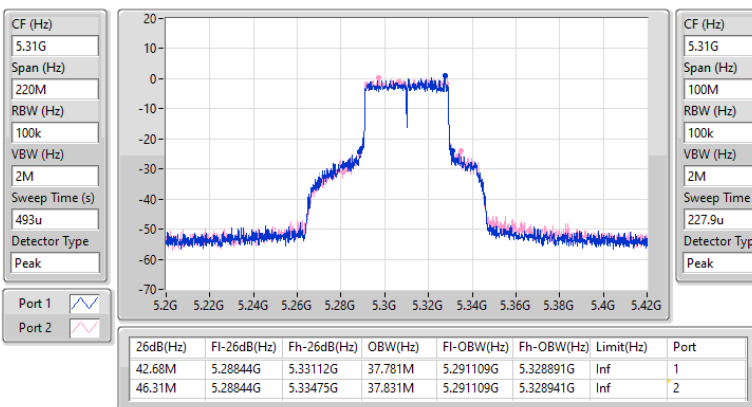


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

20/05/2025

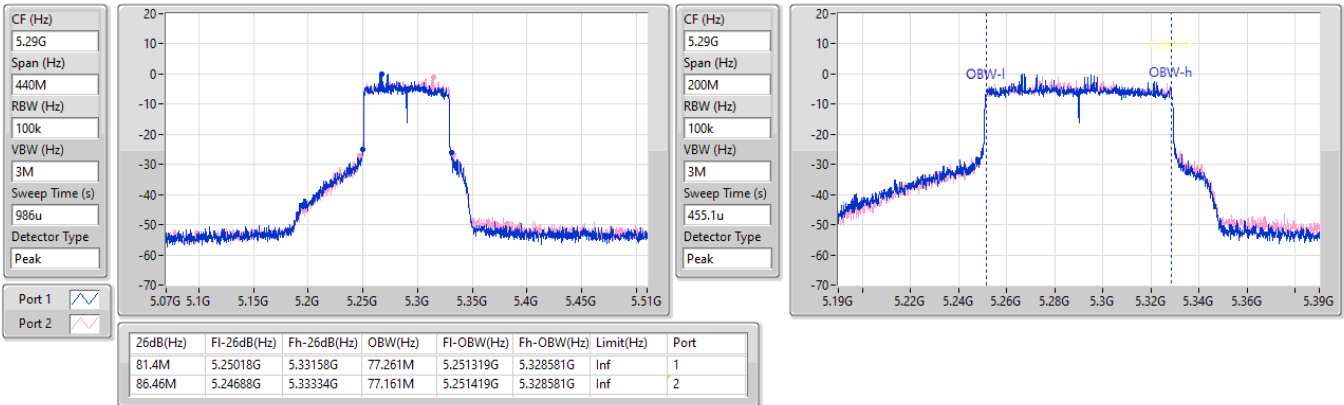


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

20/05/2025

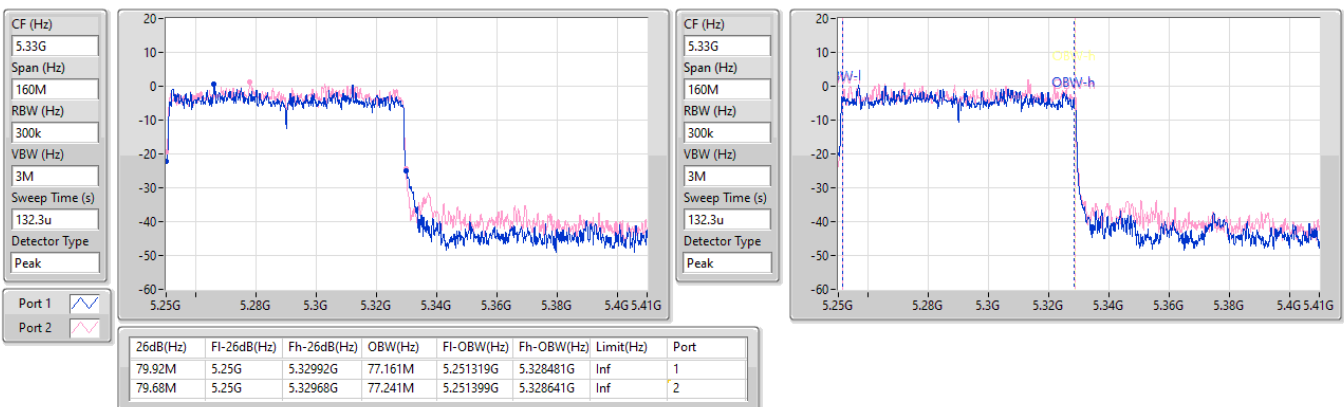


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

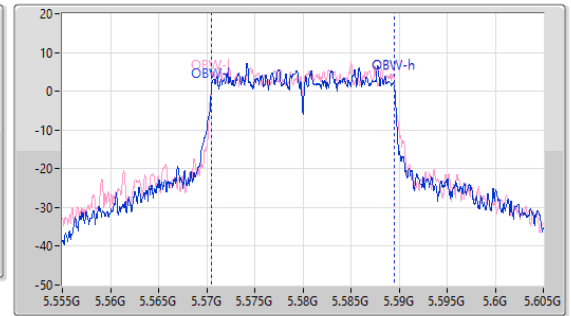
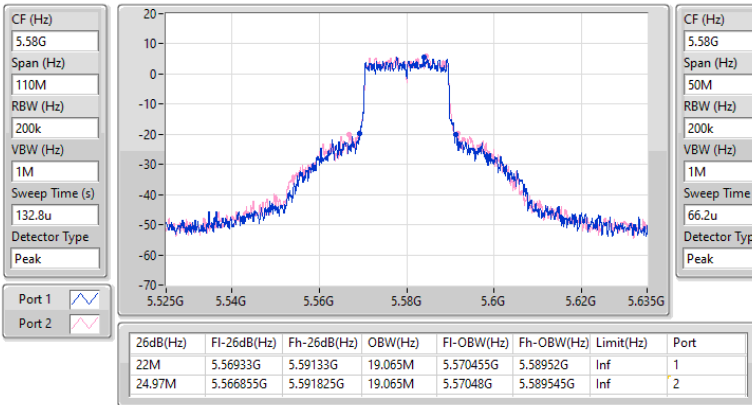


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

20/05/2025

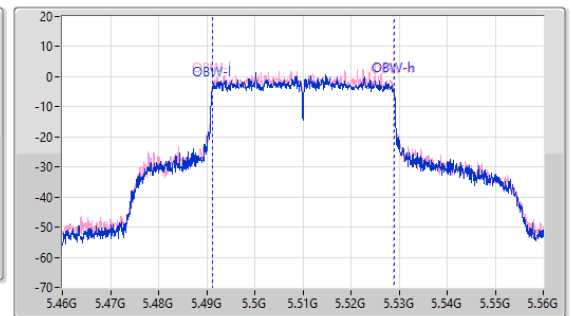
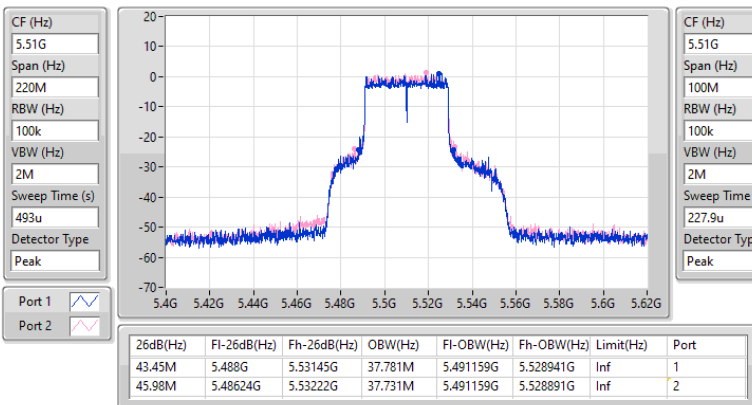


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

20/05/2025

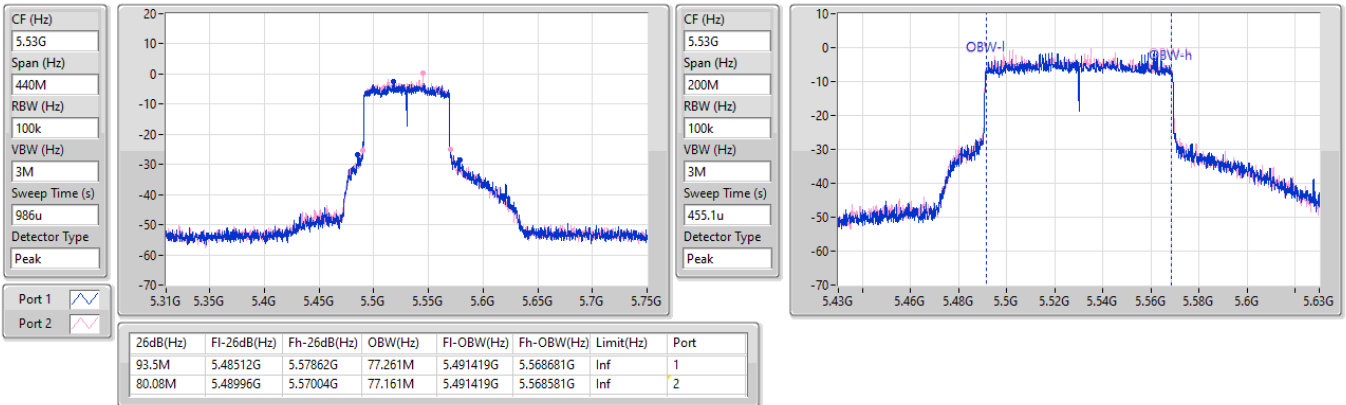


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

20/05/2025

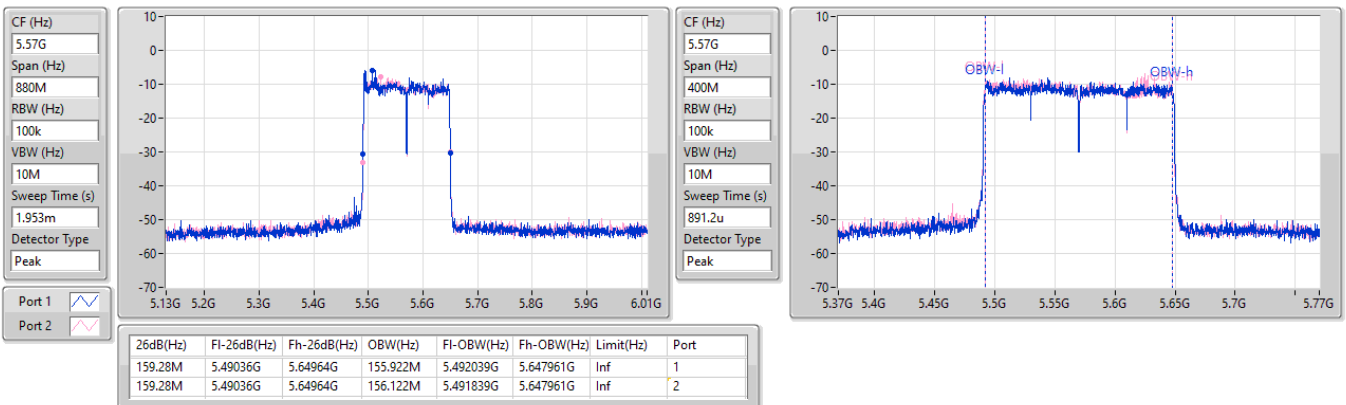


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

20/05/2025

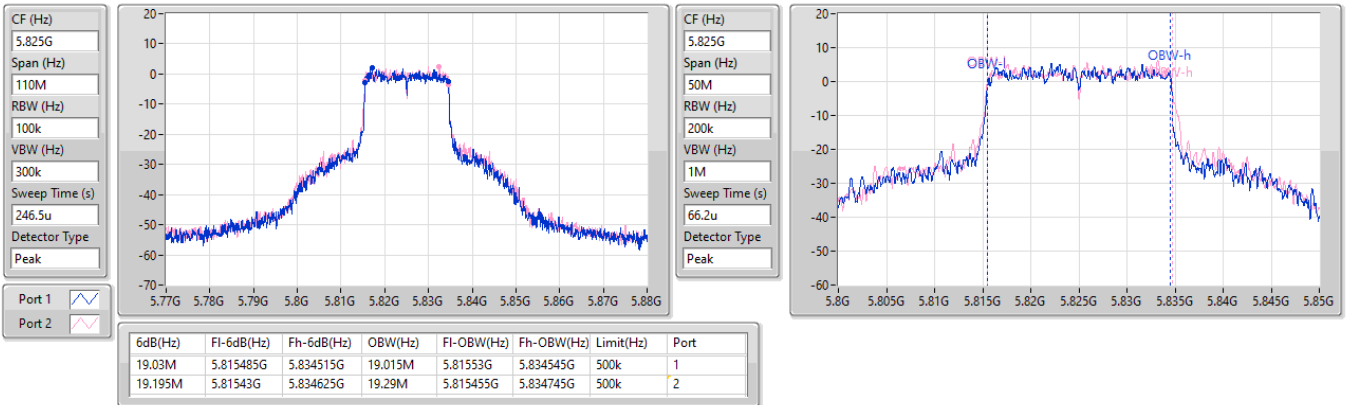


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

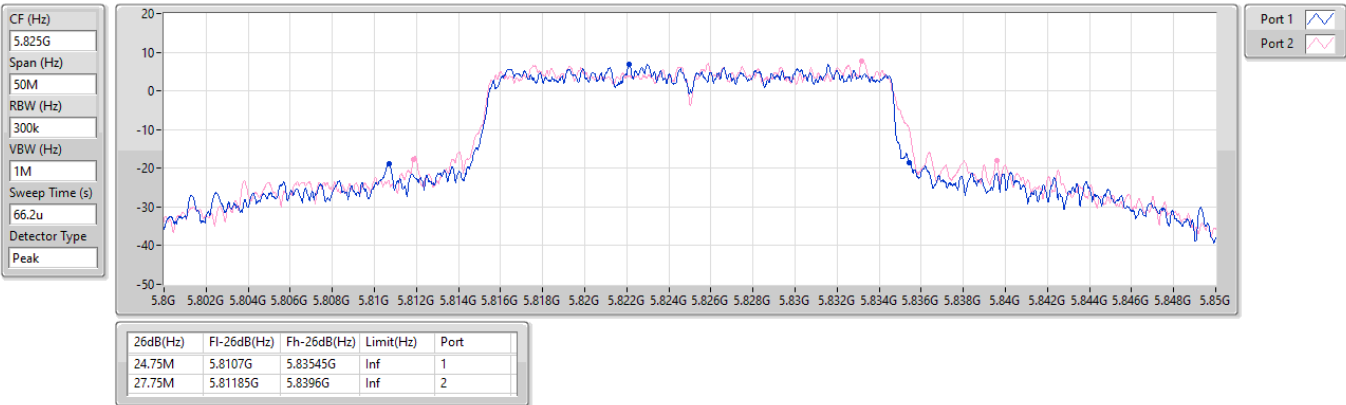


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

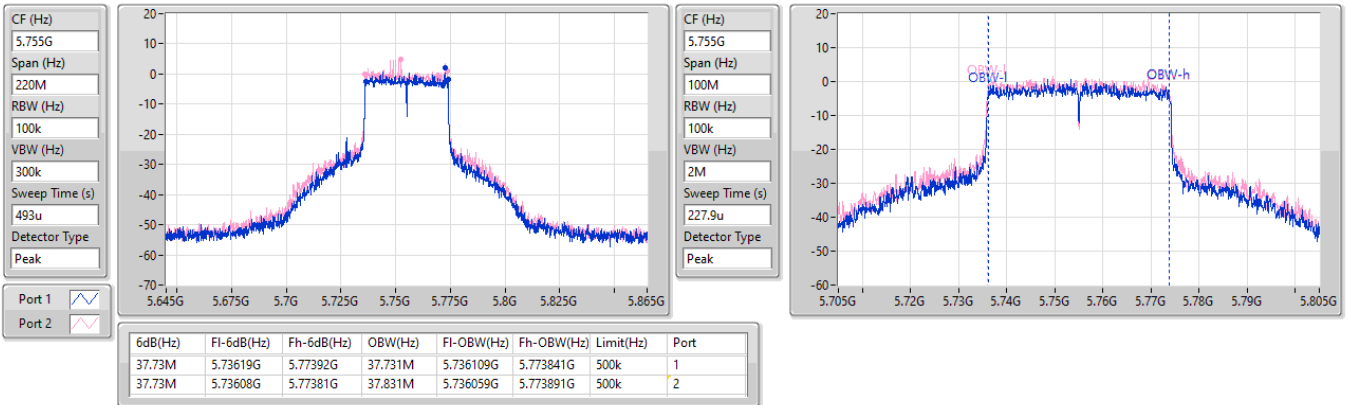


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

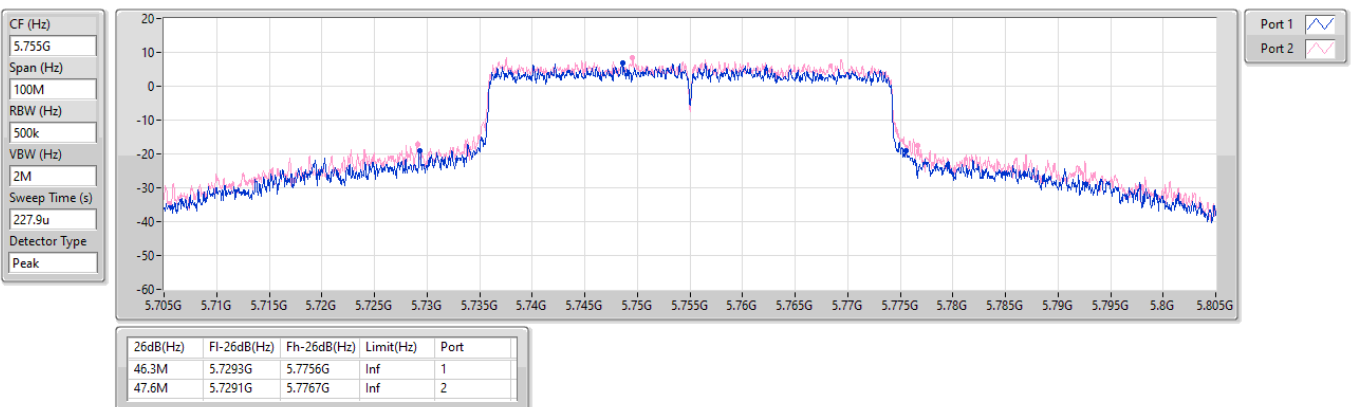


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

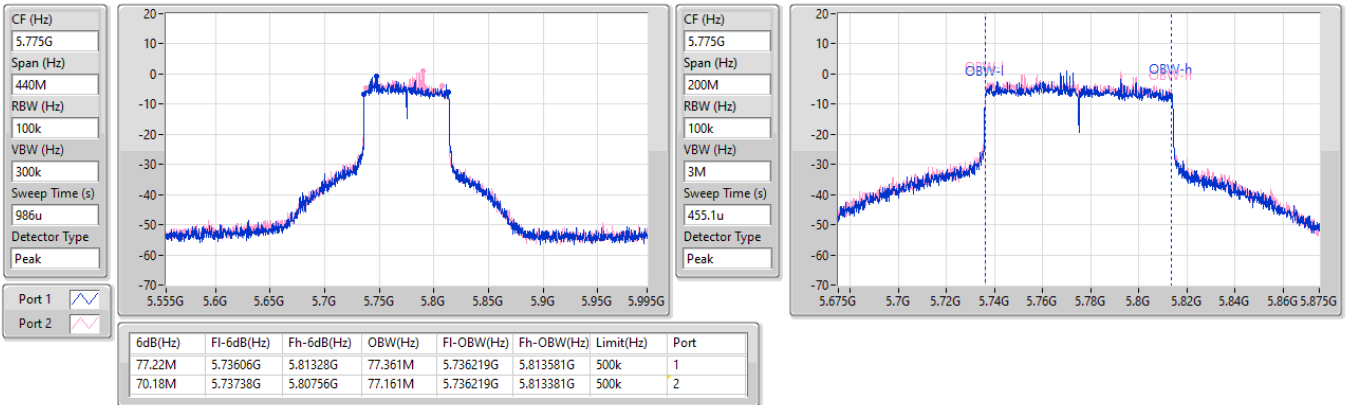


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025

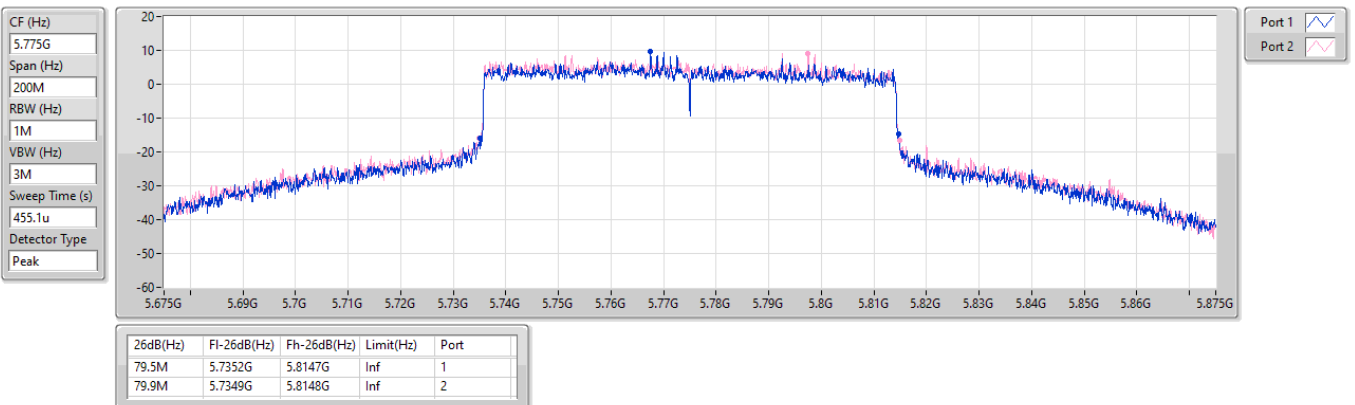


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.155M	16.954M	17M0D1D	21.23M	16.712M
802.11be EHT20_Nss1,(MCS0)_1TX	24.2M	19.19M	19M2D1D	21.615M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	41.36M	37.731M	37M7D1D	40.26M	37.631M
802.11be EHT80_Nss1,(MCS0)_1TX	79.86M	77.061M	77M1D1D	79.86M	77.061M
802.11be EHT160_Nss1,(MCS0)_1TX	79.76M	77.081M	77M1D1D	79.76M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.33M	17.129M	17M1D1D	22M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX	22.11M	19.04M	19M0D1D	21.67M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	44.55M	37.881M	37M9D1D	43.56M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	84.92M	77.261M	77M3D1D	84.92M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	80.08M	77.161M	77M2D1D	80.08M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.78M	16.8M	16M8D1D	15.39M	13.568M
802.11be EHT20_Nss1,(MCS0)_1TX	23.375M	19.14M	19M1D1D	15.945M	14.453M
802.11be EHT40_Nss1,(MCS0)_1TX	45.98M	37.781M	37M8D1D	34.51M	33.653M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.361M	77M4D1D	75.525M	73.088M
802.11be EHT160_Nss1,(MCS0)_1TX	159.28M	156.122M	156MD1D	159.28M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	17.063M	17M1D1D	3.18M	4.798M
802.11be EHT20_Nss1,(MCS0)_1TX	19.14M	19.14M	19M1D1D	4.6M	5.517M
802.11be EHT40_Nss1,(MCS0)_1TX	36.96M	37.831M	37M8D1D	4M	10.095M
802.11be EHT80_Nss1,(MCS0)_1TX	77.66M	77.161M	77M2D1D	4.08M	13.573M

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	22.66M	16.712M
5200MHz	Pass	Inf	23.155M	16.954M
5240MHz	Pass	Inf	21.23M	16.712M
5260MHz	Pass	Inf	22.33M	16.712M
5300MHz	Pass	Inf	22M	16.646M
5320MHz	Pass	Inf	22M	17.129M
5500MHz	Pass	Inf	21.56M	16.8M
5580MHz	Pass	Inf	21.78M	16.778M
5700MHz	Pass	Inf	21.23M	16.624M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.39M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.798M
5745MHz	Pass	500k	16.555M	17.063M
5785MHz	Pass	500k	16.555M	16.866M
5825MHz	Pass	500k	16.555M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.835M	19.19M
5200MHz	Pass	Inf	21.615M	19.09M
5240MHz	Pass	Inf	24.2M	19.04M
5260MHz	Pass	Inf	21.89M	19.04M
5300MHz	Pass	Inf	22.11M	19.04M
5320MHz	Pass	Inf	21.67M	18.991M
5500MHz	Pass	Inf	22.605M	19.04M
5580MHz	Pass	Inf	23.375M	19.14M
5700MHz	Pass	Inf	20.68M	19.065M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.6M	5.517M
5745MHz	Pass	500k	16.94M	19.015M
5785MHz	Pass	500k	19.085M	19.04M
5825MHz	Pass	500k	19.14M	19.14M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.36M	37.631M
5230MHz	Pass	Inf	40.26M	37.731M
5270MHz	Pass	Inf	44.55M	37.881M
5310MHz	Pass	Inf	43.56M	37.731M
5510MHz	Pass	Inf	45.98M	37.731M
5550MHz	Pass	Inf	42.46M	37.781M
5670MHz	Pass	Inf	40.59M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.51M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	10.095M
5755MHz	Pass	500k	36.63M	37.781M
5795MHz	Pass	500k	36.96M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	79.86M	77.061M
5290MHz	Pass	Inf	84.92M	77.261M
5530MHz	Pass	Inf	81.62M	77.261M
5610MHz	Pass	Inf	80.3M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	13.573M
5775MHz	Pass	500k	77.66M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.76M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.161M
5570MHz	Pass	Inf	159.28M	156.122M

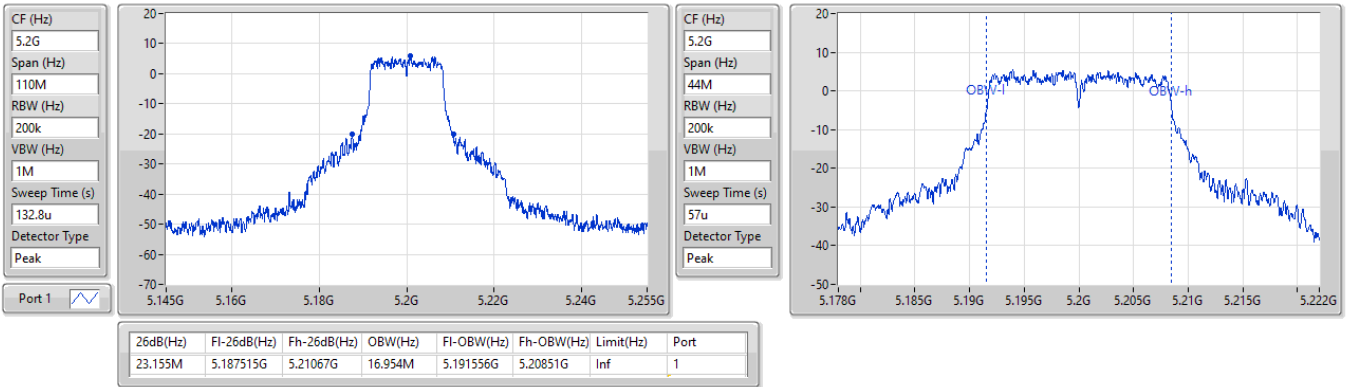
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

20/05/2025

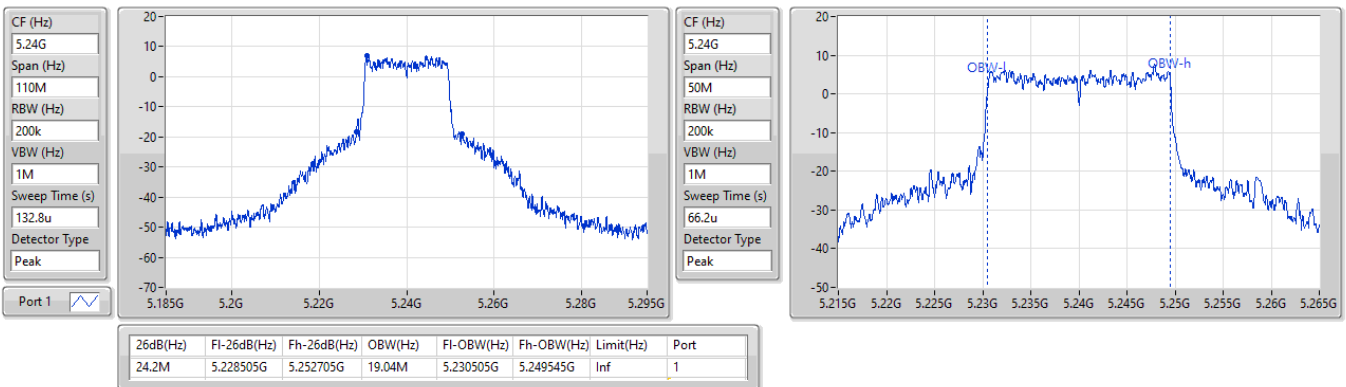


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

20/05/2025

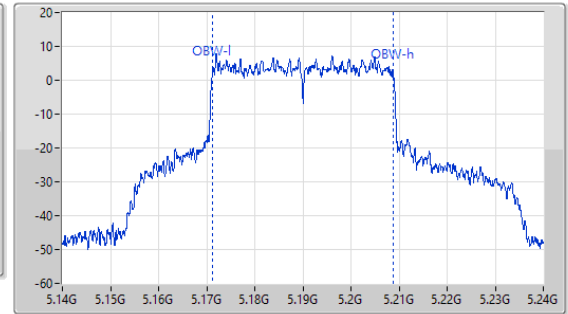
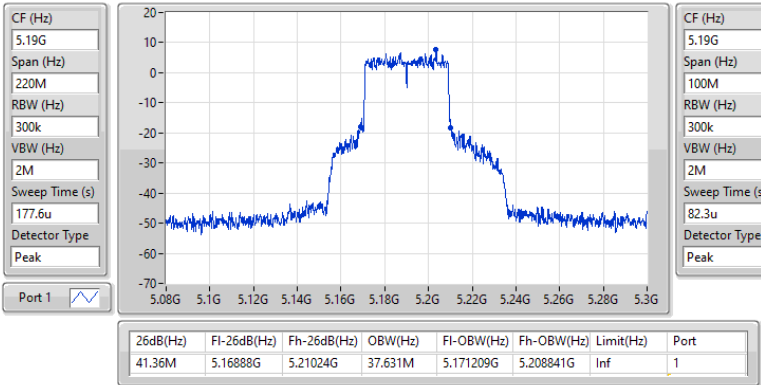


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

20/05/2025

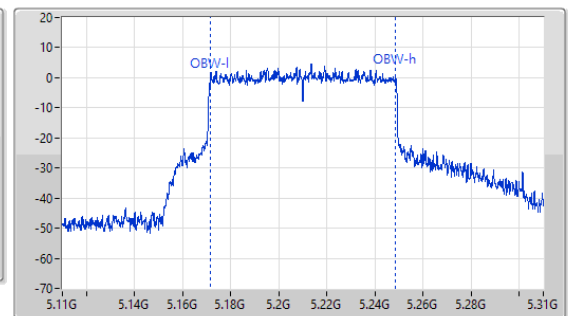
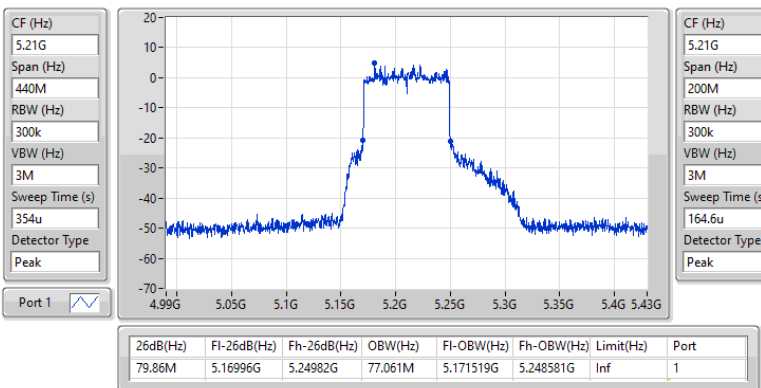


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

20/05/2025

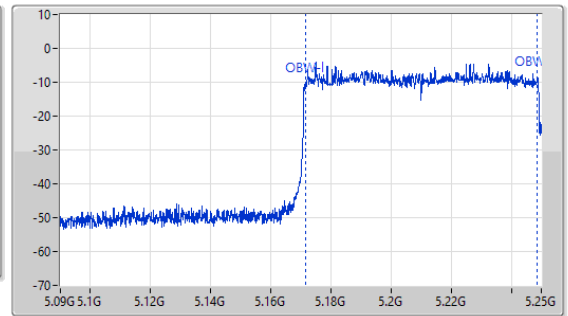
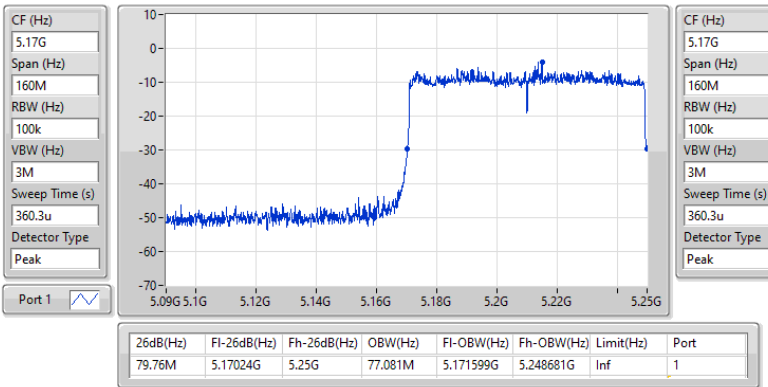


5.15-5.25GHz 802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

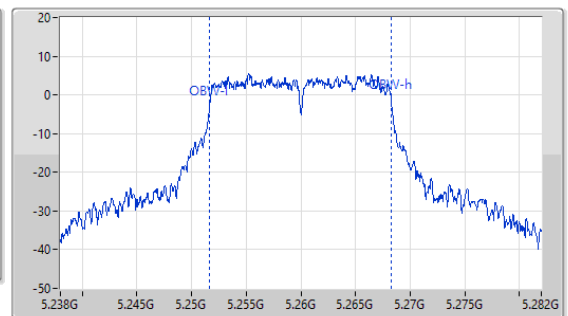
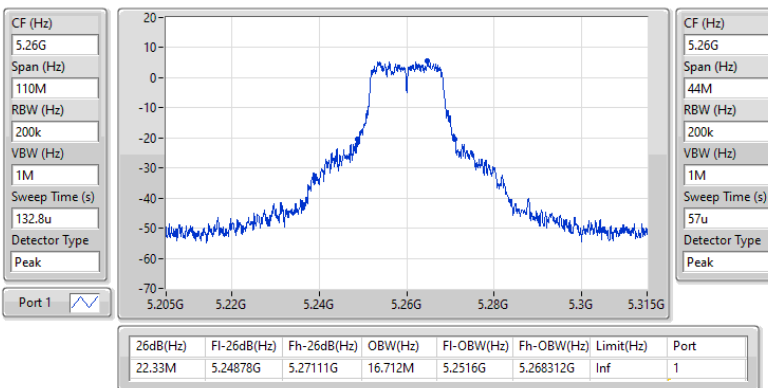


5.25-5.35GHz 802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

20/05/2025

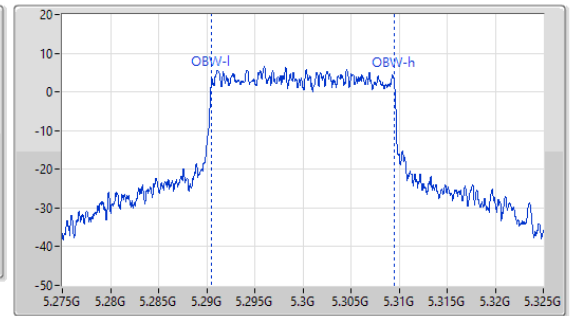
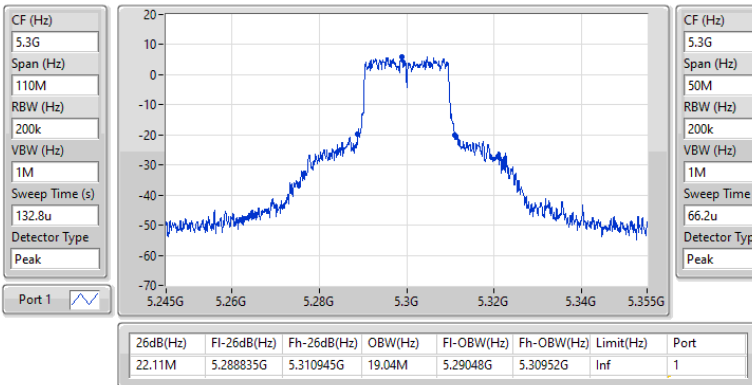


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

20/05/2025

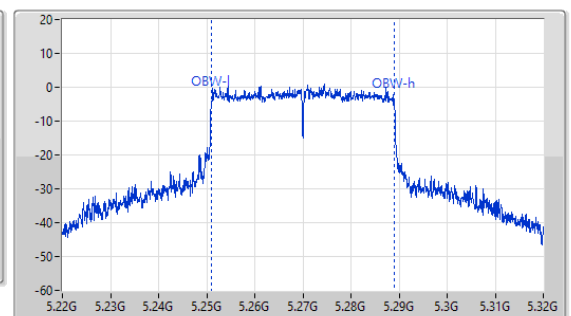
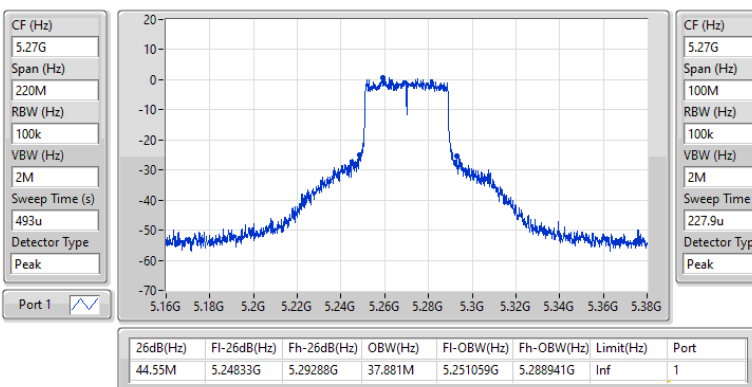


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

20/05/2025

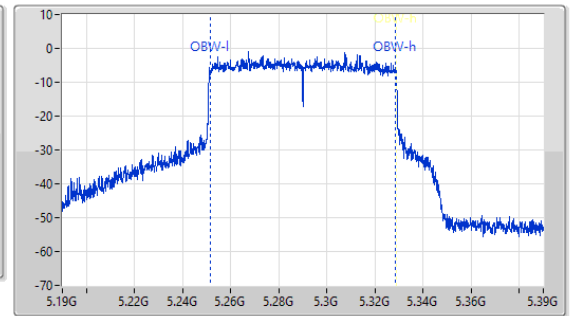
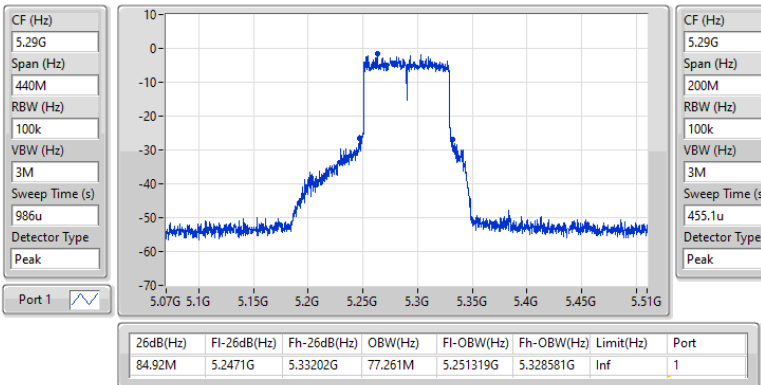


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

20/05/2025

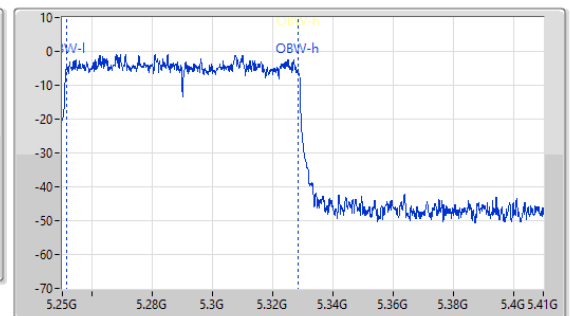
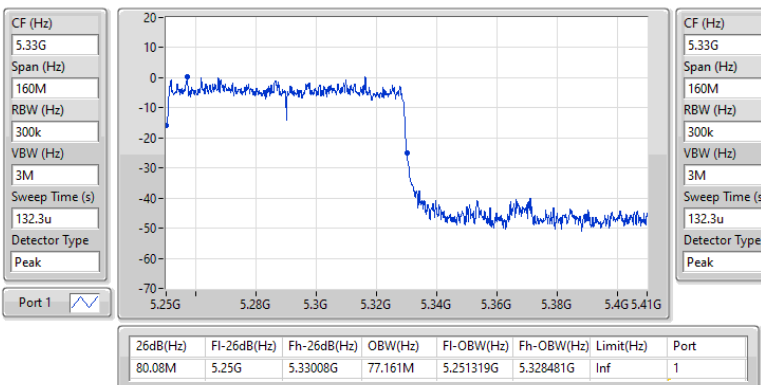


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

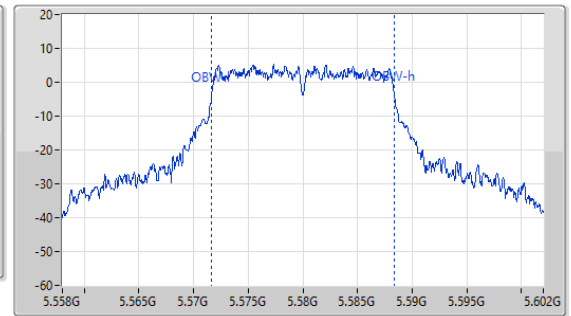
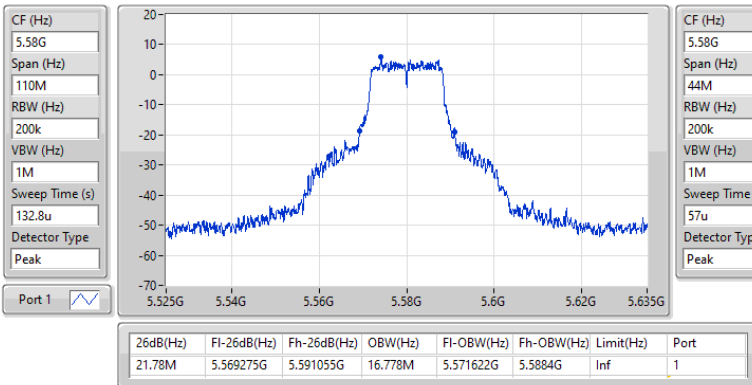


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

20/05/2025

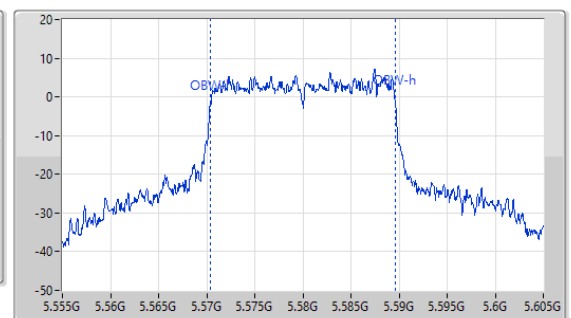
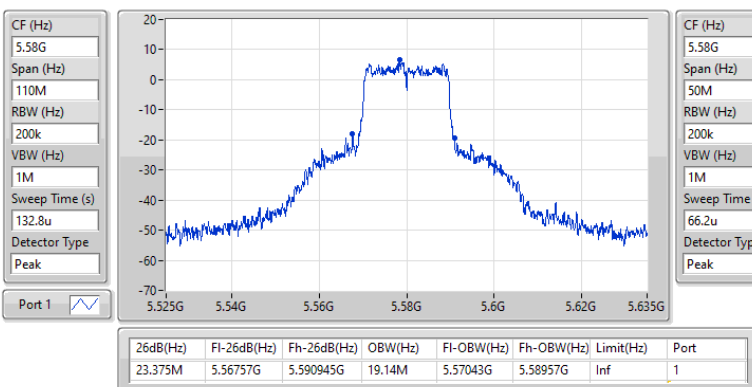


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

20/05/2025

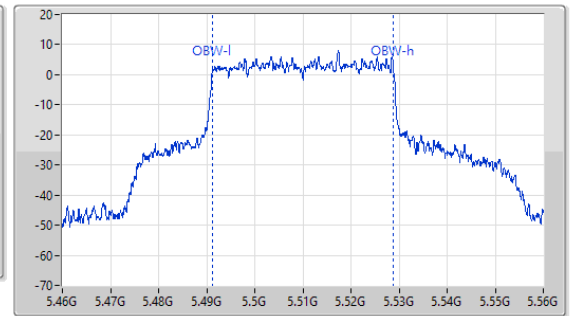
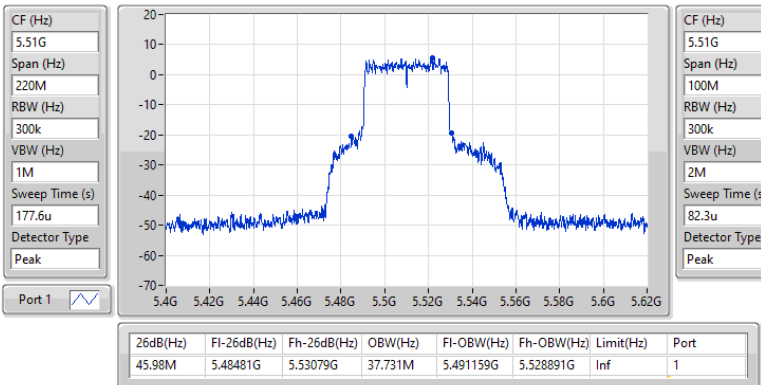


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

20/05/2025

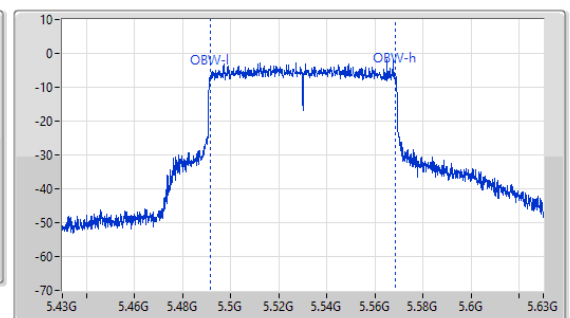
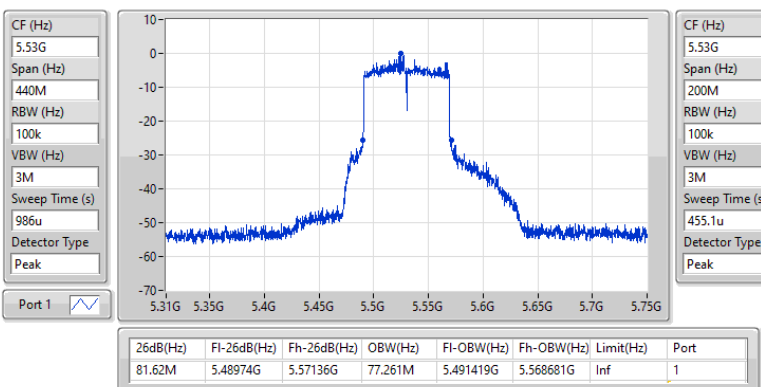


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

20/05/2025

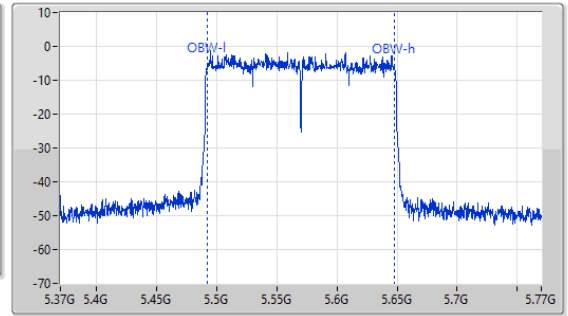
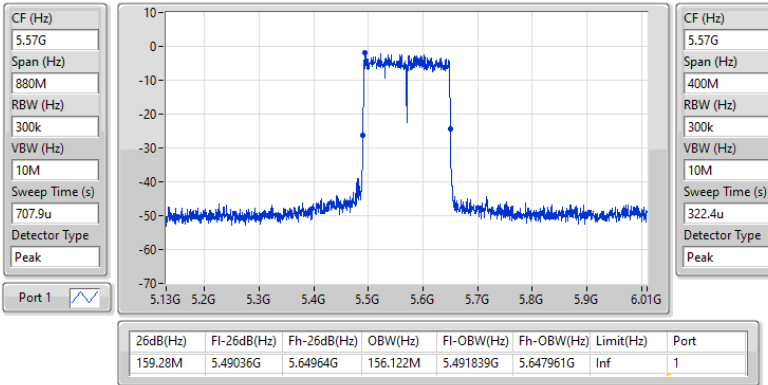


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

20/05/2025

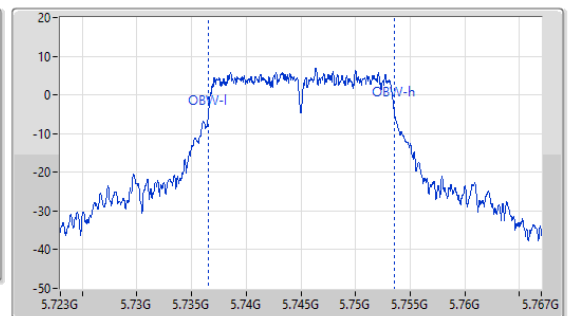
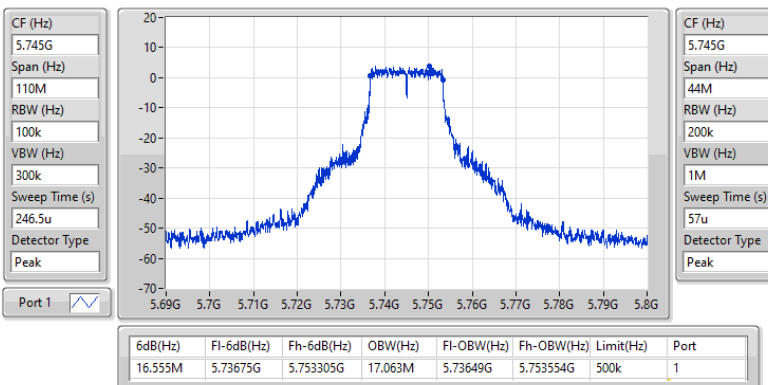


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

20/05/2025



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

EBW

5745MHz

20/05/2025

CF (Hz)
5.745G

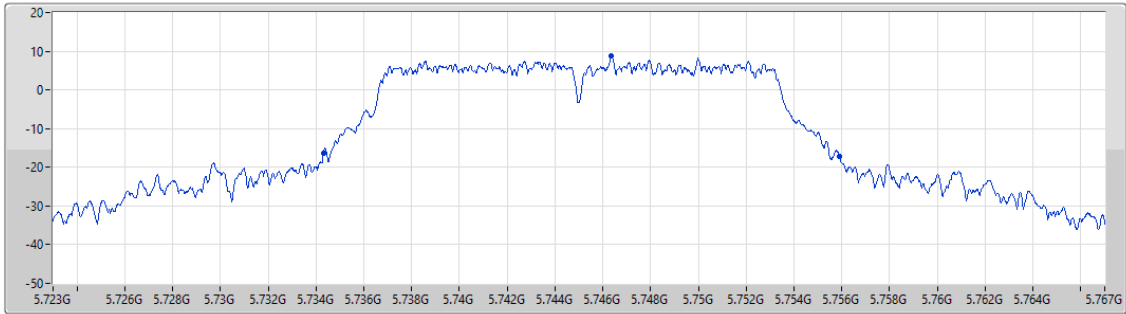
Span (Hz)
44M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.604M	5.734308G	5.755912G	Inf	1

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

EBW

5825MHz

20/05/2025

CF (Hz)
5.825G

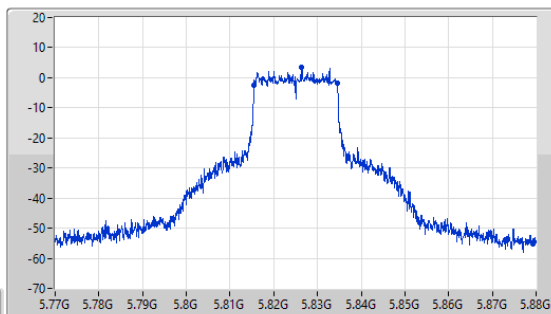
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
246.5u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.81543G	5.83457G	19.14M	5.815505G	5.834645G	500k	1

CF (Hz)
5.825G

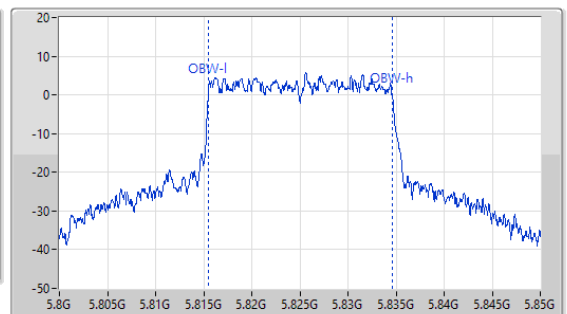
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



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

EBW

5825MHz

20/05/2025

CF (Hz)
5.825G

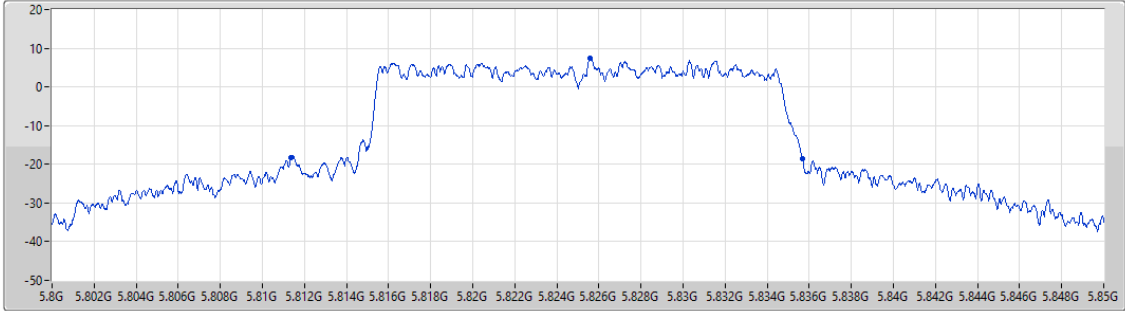
Span (Hz)
50M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.3M	5.811375G	5.835675G	Inf	1

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

EBW

5795MHz

20/05/2025

CF (Hz)
5.795G

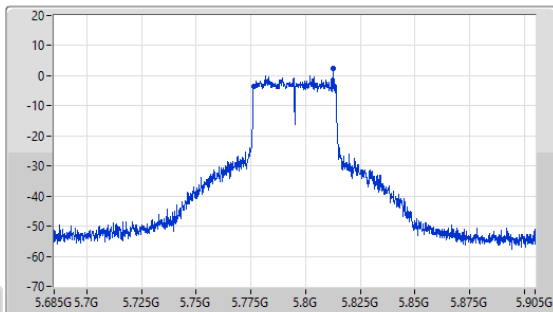
Span (Hz)
220M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
493u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.96M	5.77619G	5.81315G	37.831M	5.776109G	5.813941G	500k	1

CF (Hz)
5.795G

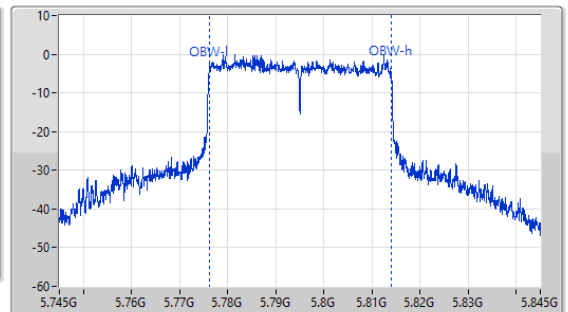
Span (Hz)
100M

RBW (Hz)
100k

VBW (Hz)
2M

Sweep Time (s)
227.9u

Detector Type
Peak



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

EBW

5795MHz

20/05/2025

CF (Hz)
5.795G

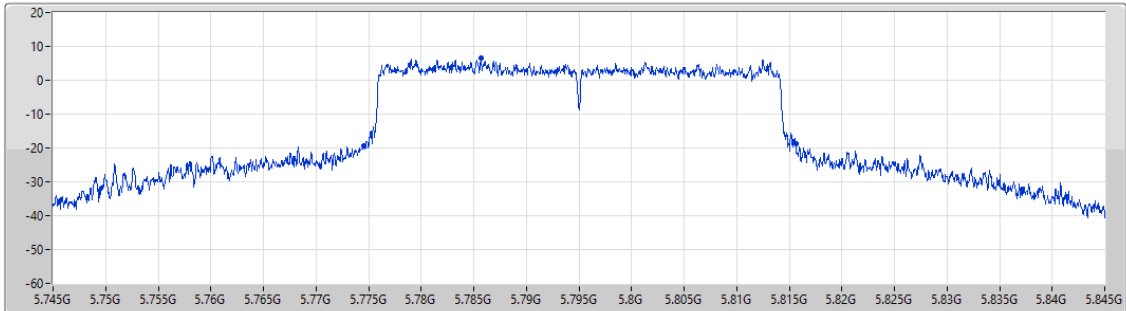
Span (Hz)
100M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
227.9u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.1M	5.77455G	5.81565G	Inf	1

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

EBW

5775MHz

20/05/2025

CF (Hz)
5.775G

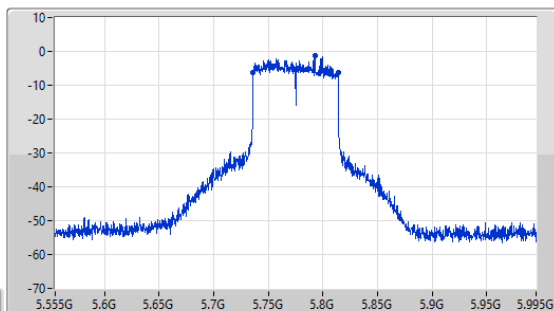
Span (Hz)
440M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
986u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.66M	5.73606G	5.81372G	77.161M	5.736319G	5.813481G	500k	1

CF (Hz)
5.775G

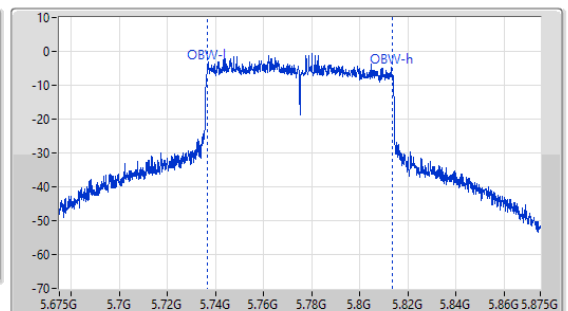
Span (Hz)
200M

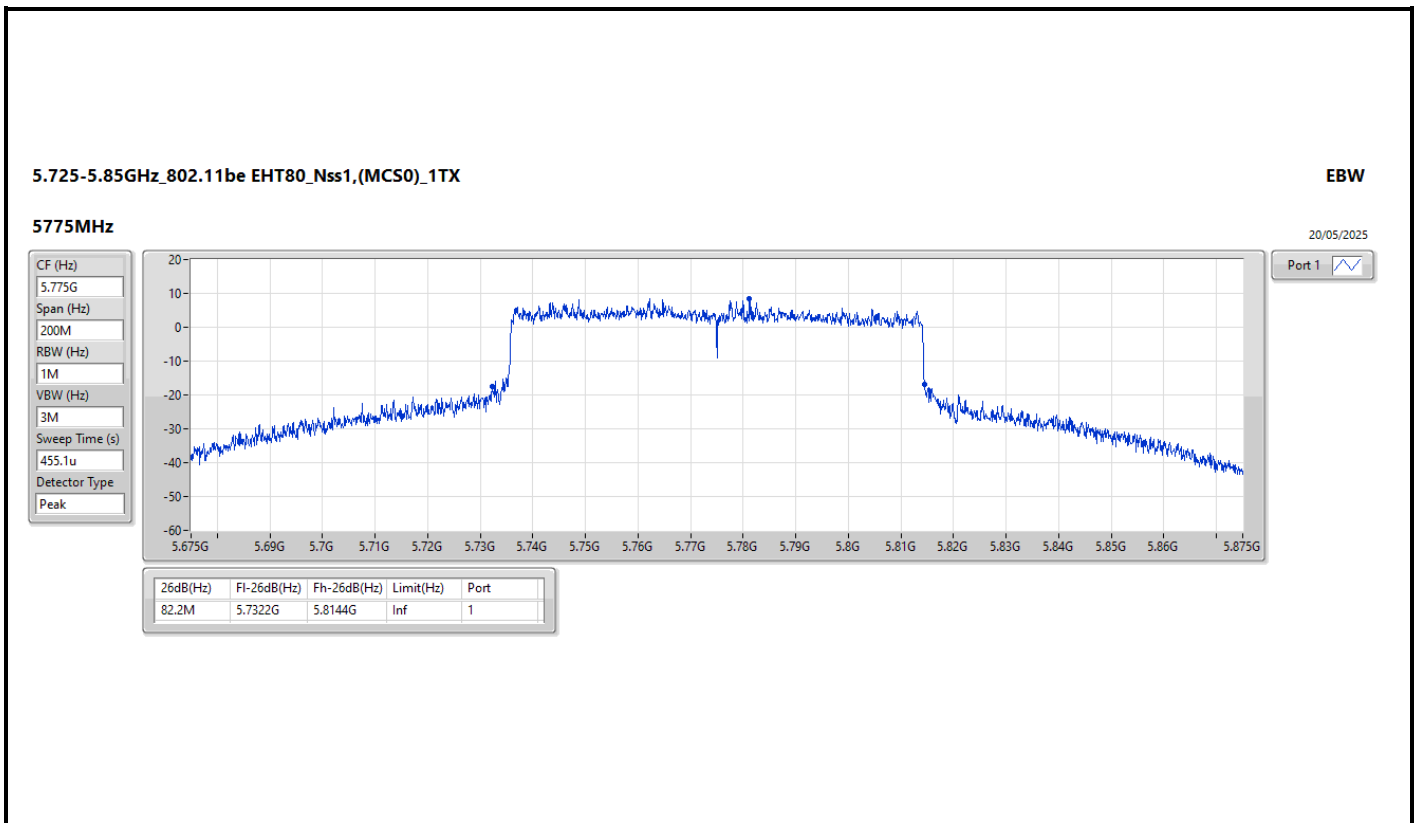
RBW (Hz)
100k

VBW (Hz)
3M

Sweep Time (s)
455.1u

Detector Type
Peak





**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	17.393M	17M4D1D	21.12M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	23.54M	19.165M	19M2D1D	20.9M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	42.79M	37.781M	37M8D1D	40.59M	37.581M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.161M	77M2D1D	81.62M	76.962M
802.11be EHT160_Nss1,(MCS0)_2TX	79.52M	77.321M	77M3D1D	79.36M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.925M	16.976M	17M0D1D	21.23M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	24.365M	19.165M	19M2D1D	21.45M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	54.78M	37.831M	37M8D1D	41.25M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	87.34M	77.361M	77M4D1D	82.5M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	79.76M	77.241M	77M2D1D	79.36M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	17.239M	17M2D1D	15.72M	13.403M
802.11be EHT20_Nss1,(MCS0)_2TX	23.76M	19.215M	19M2D1D	17.94M	14.468M
802.11be EHT40_Nss1,(MCS0)_2TX	49.61M	37.831M	37M8D1D	35.07M	33.758M
802.11be EHT80_Nss1,(MCS0)_2TX	92.4M	77.261M	77M3D1D	74.55M	73.088M
802.11be EHT160_Nss1,(MCS0)_2TX	159.28M	156.522M	157MD1D	158.84M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	17.283M	17M3D1D	3.28M	4.758M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.265M	19M3D1D	4.58M	5.057M
802.11be EHT40_Nss1,(MCS0)_2TX	38.28M	37.781M	37M8D1D	3.94M	8.376M
802.11be EHT80_Nss1,(MCS0)_2TX	77.44M	77.261M	77M3D1D	4.1M	15.632M

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	21.34M	16.822M	21.725M	16.888M
5200MHz	Pass	Inf	21.835M	17.393M	21.175M	16.756M
5240MHz	Pass	Inf	21.12M	16.954M	22.605M	16.822M
5260MHz	Pass	Inf	21.45M	16.8M	22.22M	16.844M
5300MHz	Pass	Inf	21.56M	16.976M	23.65M	16.668M
5320MHz	Pass	Inf	21.23M	16.602M	23.925M	16.822M
5500MHz	Pass	Inf	21.12M	16.69M	22.605M	17.239M
5580MHz	Pass	Inf	22.33M	16.932M	21.78M	17.107M
5700MHz	Pass	Inf	21.065M	16.602M	20.405M	16.844M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.975M	13.403M	15.72M	13.418M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.758M	3.28M	4.958M
5745MHz	Pass	500k	16.39M	16.954M	16.335M	16.998M
5785MHz	Pass	500k	16.335M	16.998M	16.5M	16.844M
5825MHz	Pass	500k	16.5M	17.283M	16.335M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.165M	19.165M	23.155M	19.065M
5200MHz	Pass	Inf	20.9M	19.015M	23.54M	19.015M
5240MHz	Pass	Inf	21.945M	19.065M	21.615M	19.04M
5260MHz	Pass	Inf	21.45M	19.09M	21.67M	19.115M
5300MHz	Pass	Inf	24.365M	19.165M	21.945M	19.015M
5320MHz	Pass	Inf	22.55M	19.04M	22.88M	19.14M
5500MHz	Pass	Inf	23.76M	19.215M	21.12M	19.215M
5580MHz	Pass	Inf	21.945M	19.115M	22.11M	19.015M
5700MHz	Pass	Inf	20.24M	19.04M	20.625M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.12M	14.468M	17.94M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	5.057M	4.62M	5.777M
5745MHz	Pass	500k	19.14M	19.09M	19.14M	19.015M
5785MHz	Pass	500k	19.14M	19.265M	19.14M	19.19M
5825MHz	Pass	500k	19.03M	19.065M	19.085M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.59M	37.631M	40.81M	37.781M
5230MHz	Pass	Inf	40.92M	37.581M	42.79M	37.731M
5270MHz	Pass	Inf	41.25M	37.781M	42.46M	37.781M
5310MHz	Pass	Inf	54.78M	37.831M	47.74M	37.831M
5510MHz	Pass	Inf	49.61M	37.781M	43.01M	37.781M
5550MHz	Pass	Inf	49.17M	37.731M	48.4M	37.831M
5670MHz	Pass	Inf	40.92M	37.781M	41.47M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.758M	36.54M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	8.376M	4.06M	9.735M
5755MHz	Pass	500k	38.06M	37.731M	38.06M	37.781M
5795MHz	Pass	500k	38.06M	37.731M	38.28M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.62M	77.161M	81.84M	76.962M
5290MHz	Pass	Inf	87.34M	77.261M	82.5M	77.361M
5530MHz	Pass	Inf	86.9M	77.161M	92.4M	77.261M
5610MHz	Pass	Inf	83.6M	77.161M	82.72M	77.261M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.55M	73.163M	75.45M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	15.632M	4.12M	18.971M
5775MHz	Pass	500k	75.9M	77.261M	77.44M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.36M	77.081M	79.52M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.76M	77.241M	79.36M	77.241M
5570MHz	Pass	Inf	158.84M	156.522M	159.28M	155.922M

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

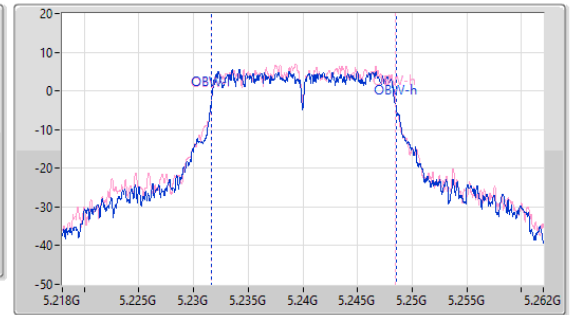
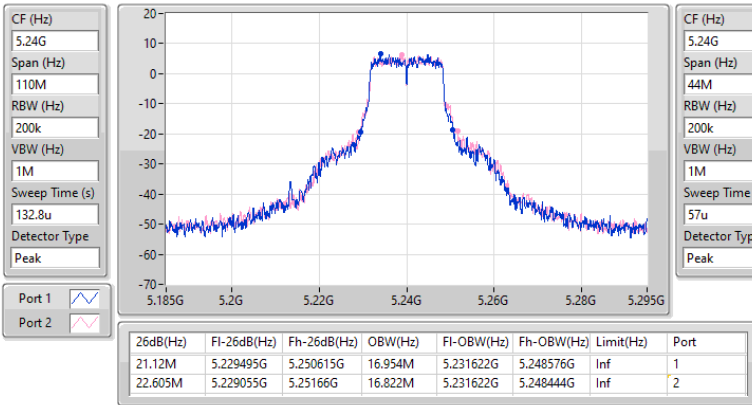
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

20/05/2025

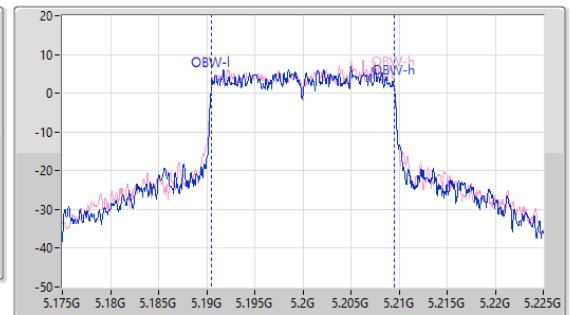
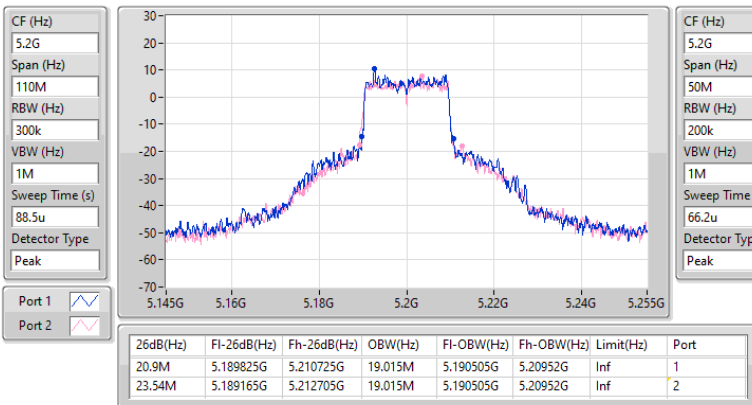


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

20/05/2025

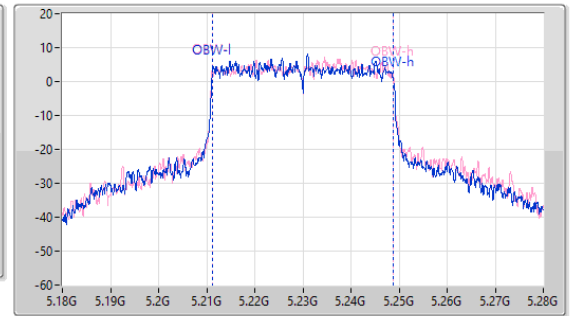
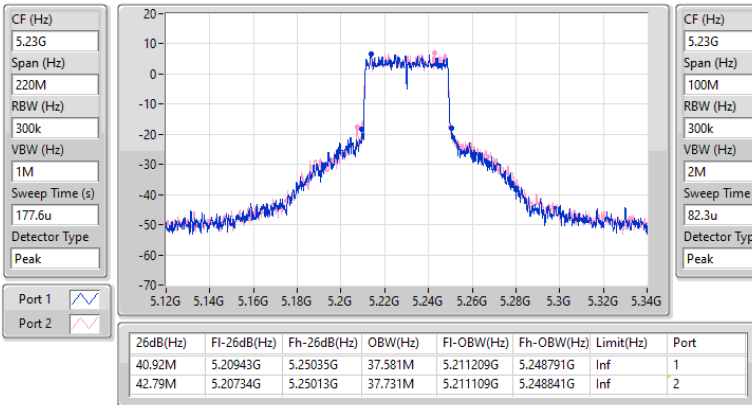


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

20/05/2025

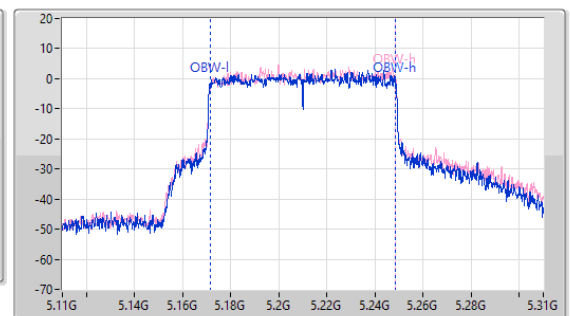
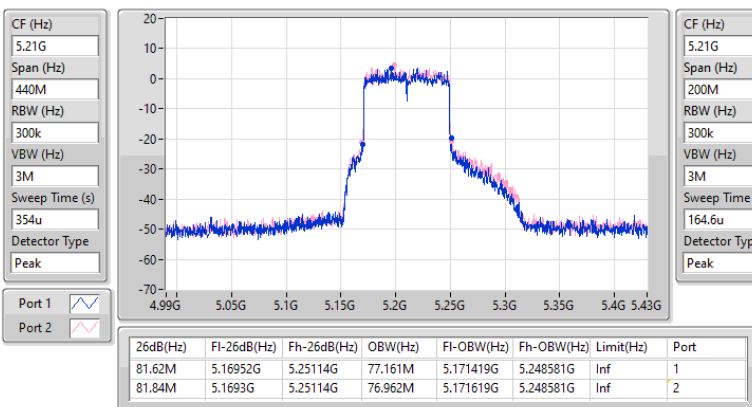


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

20/05/2025

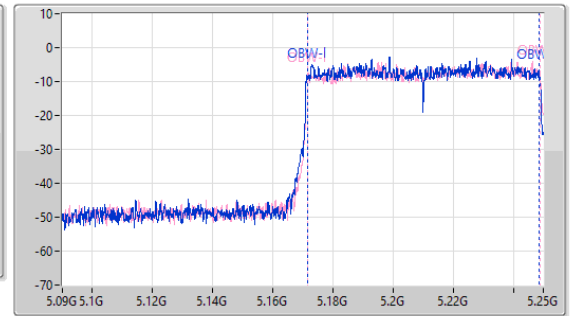
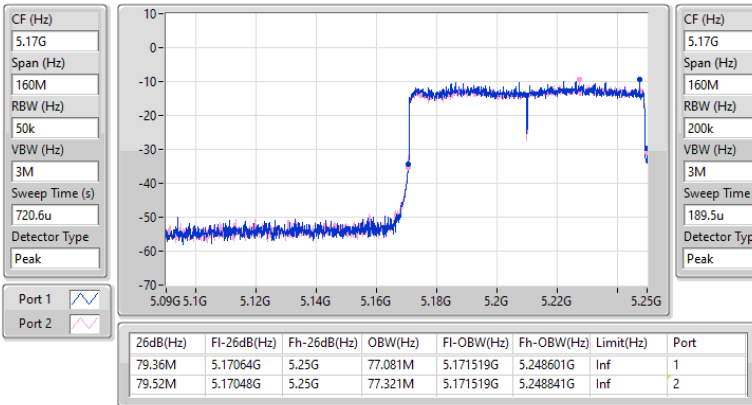


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

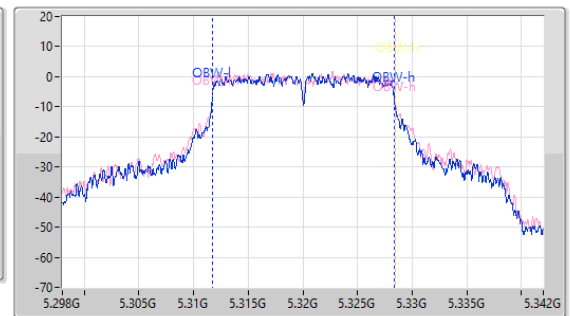
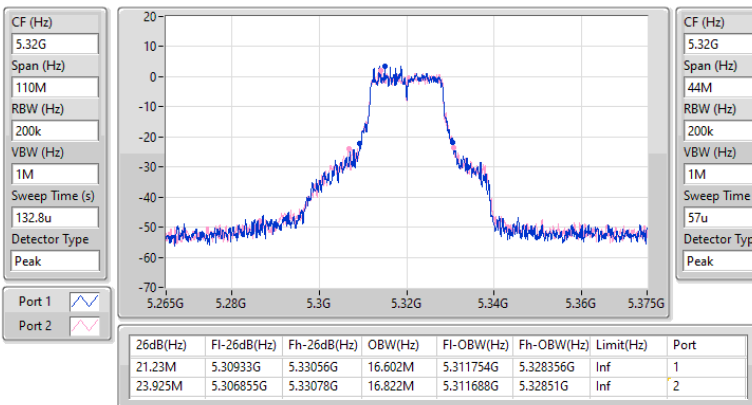


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

20/05/2025

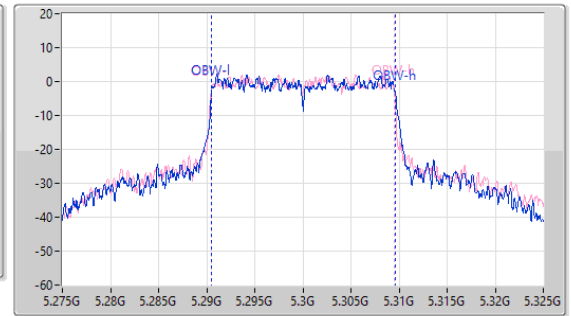
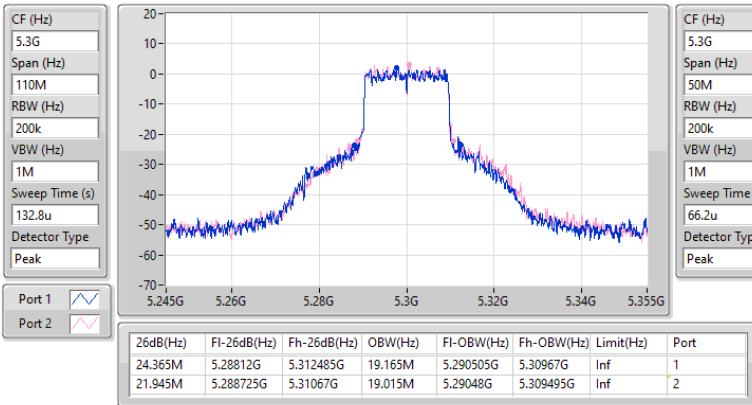


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

20/05/2025

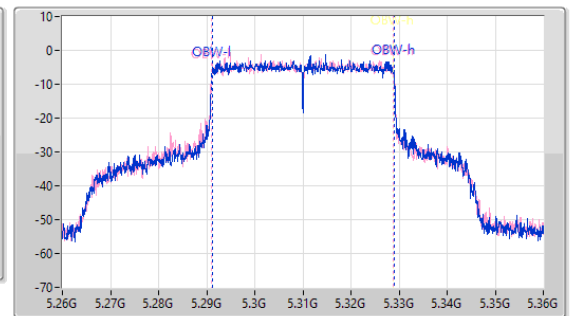
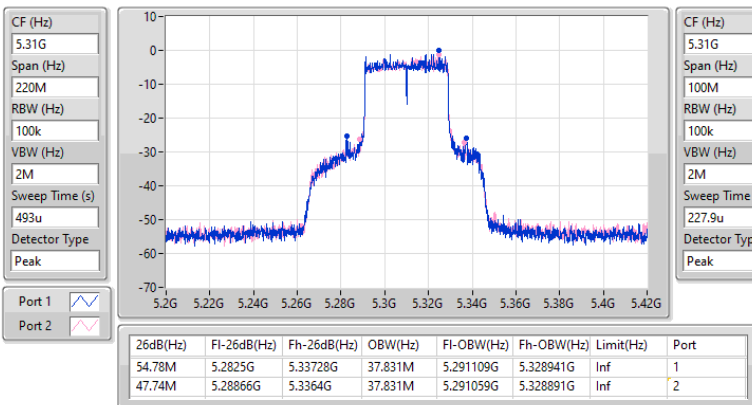


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

20/05/2025

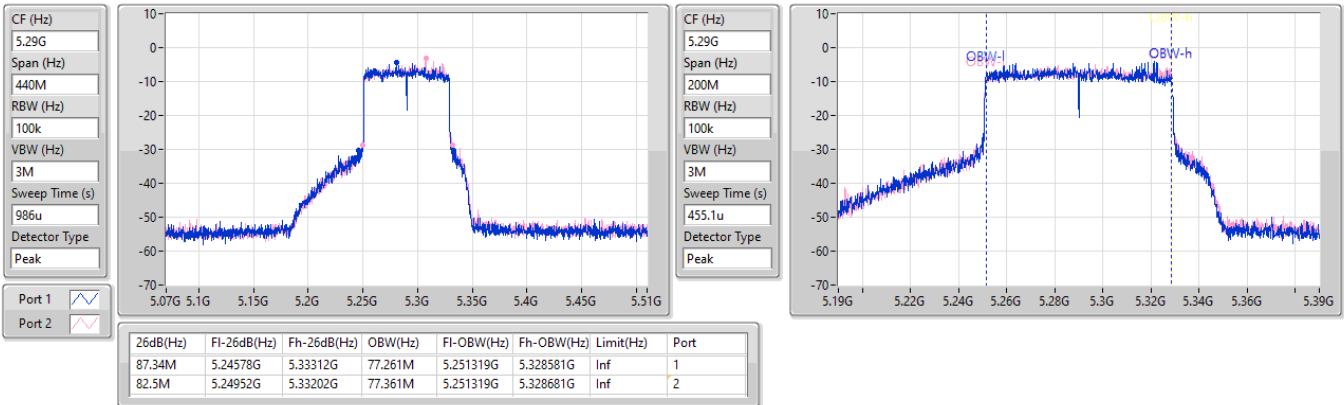


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/05/2025

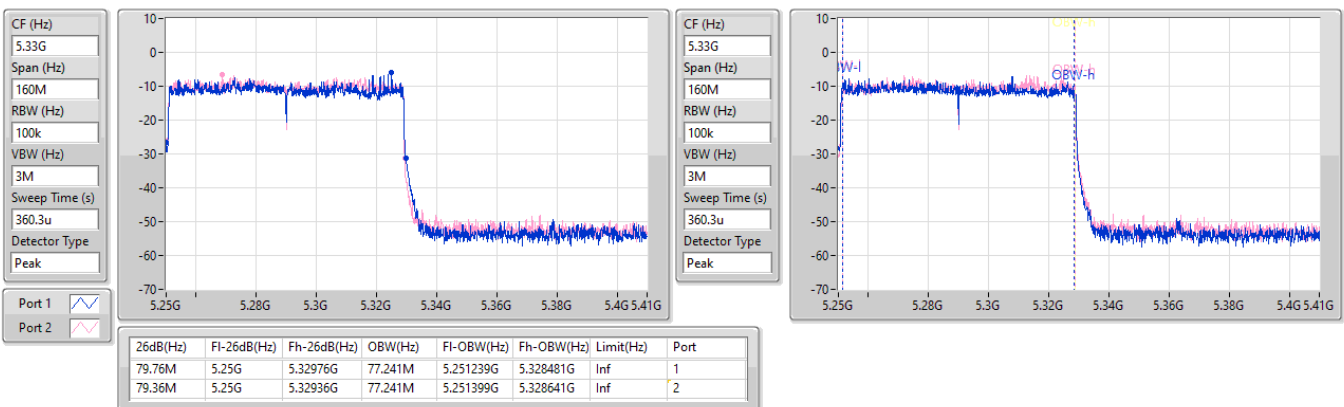


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

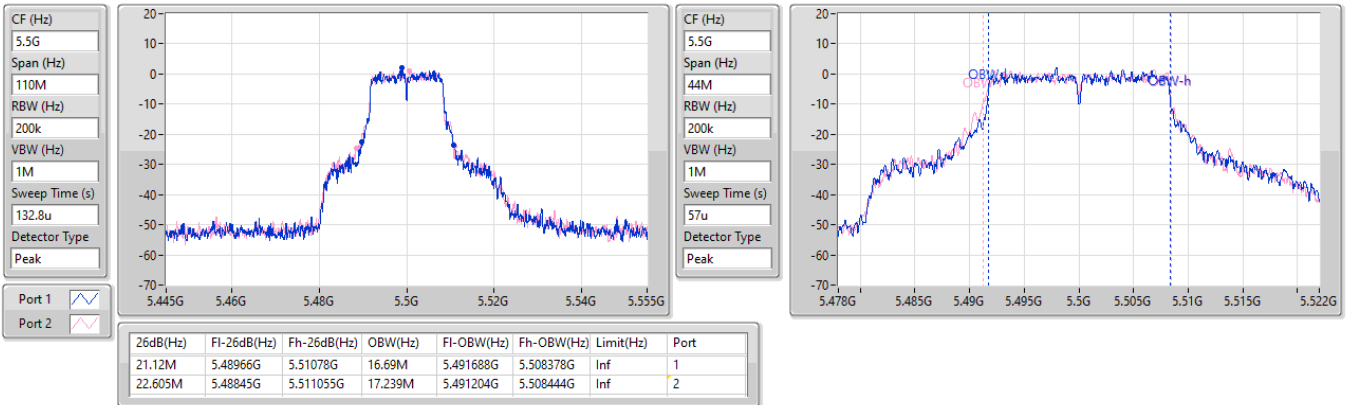


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

20/05/2025

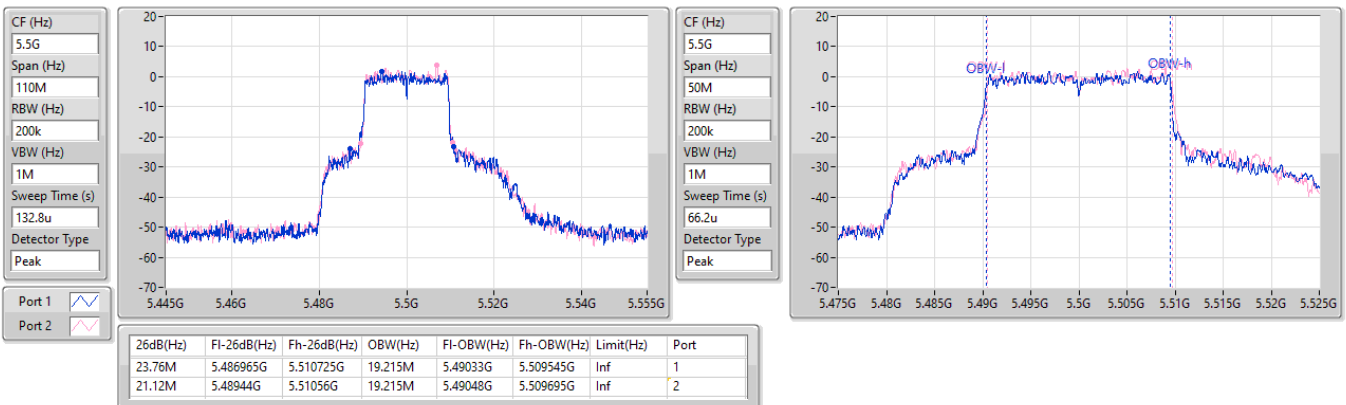


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

20/05/2025

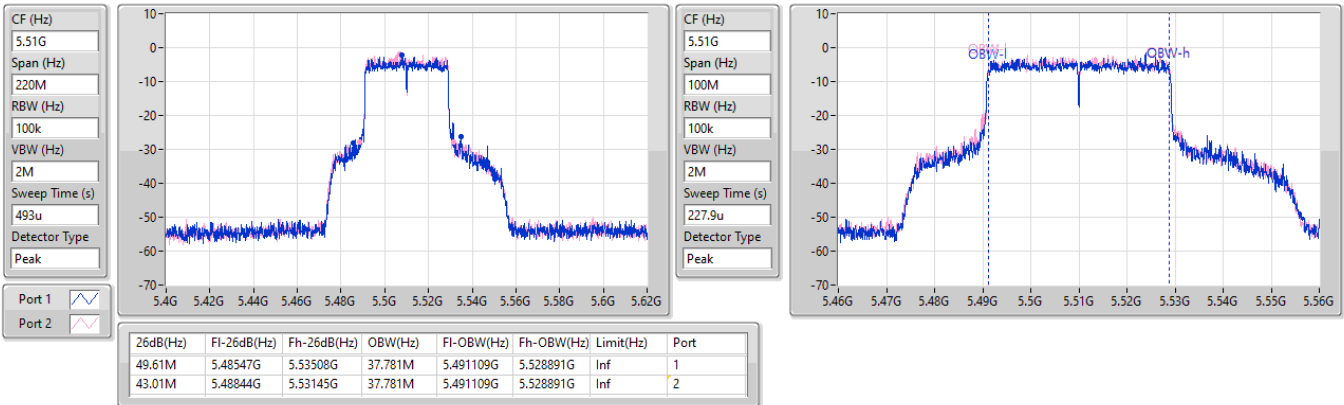


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

20/05/2025

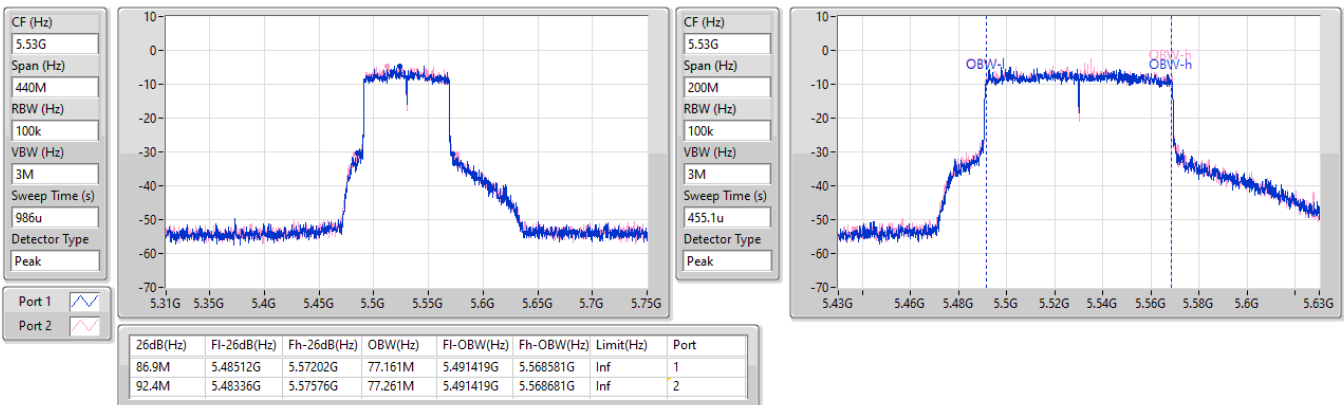


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/05/2025

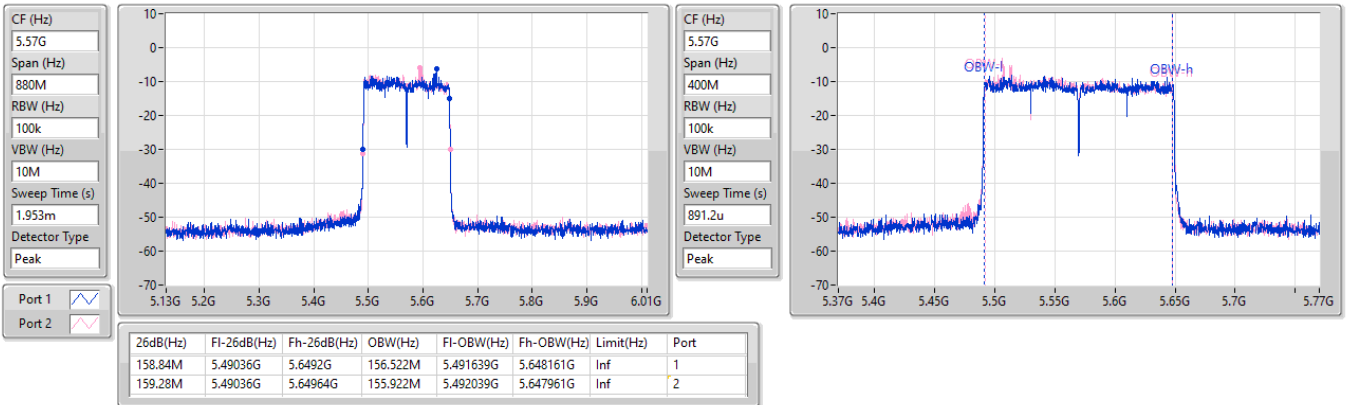


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

20/05/2025

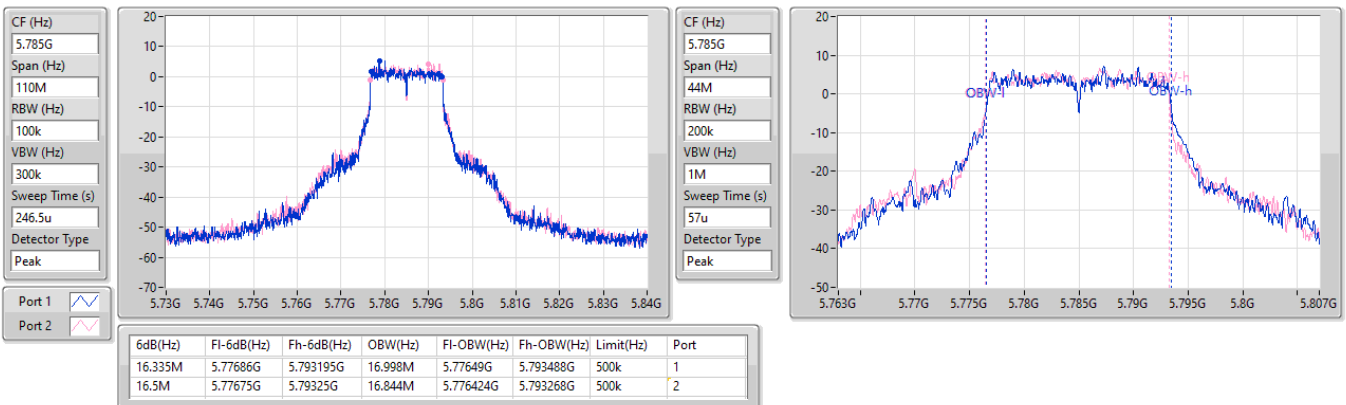


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

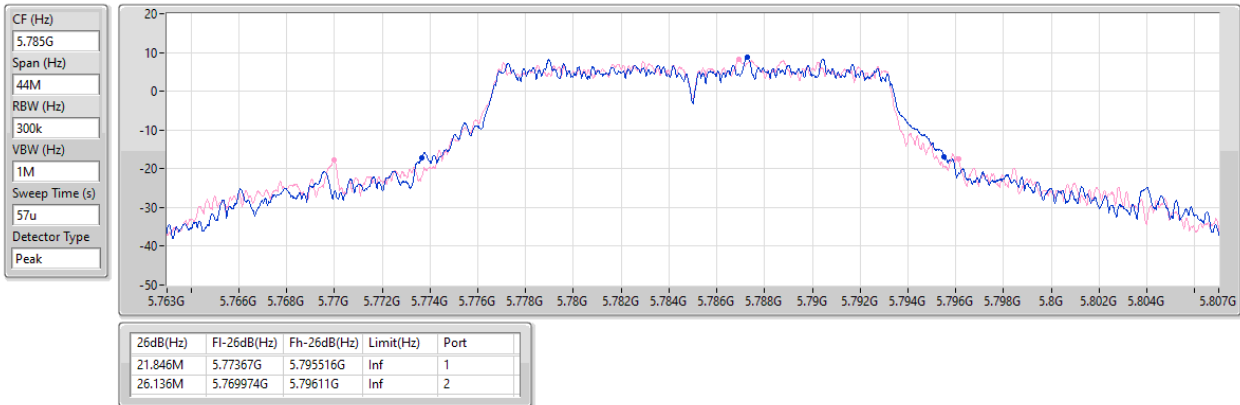


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

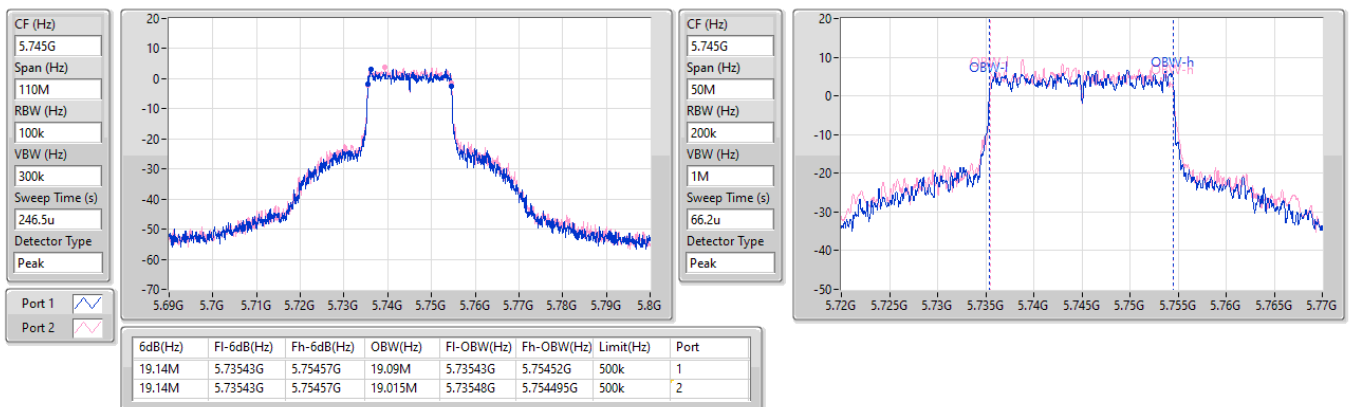


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

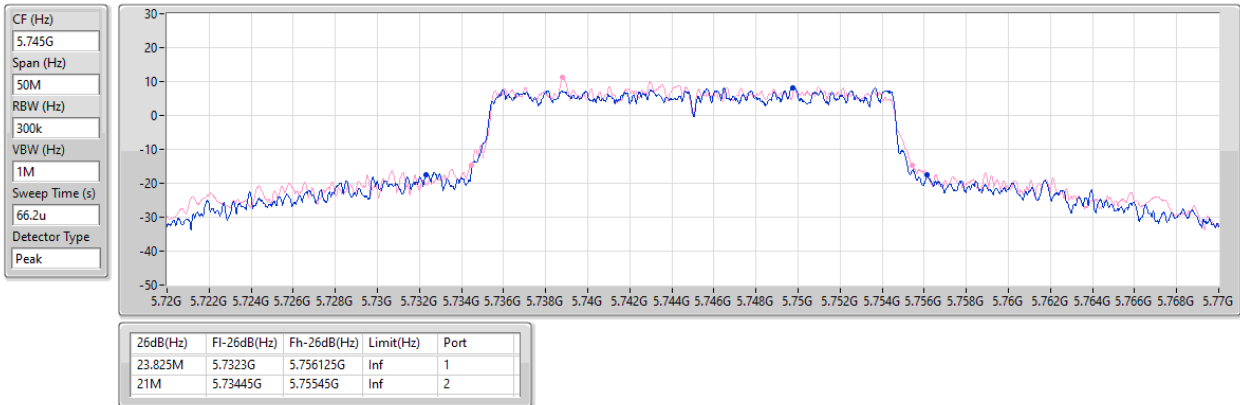


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

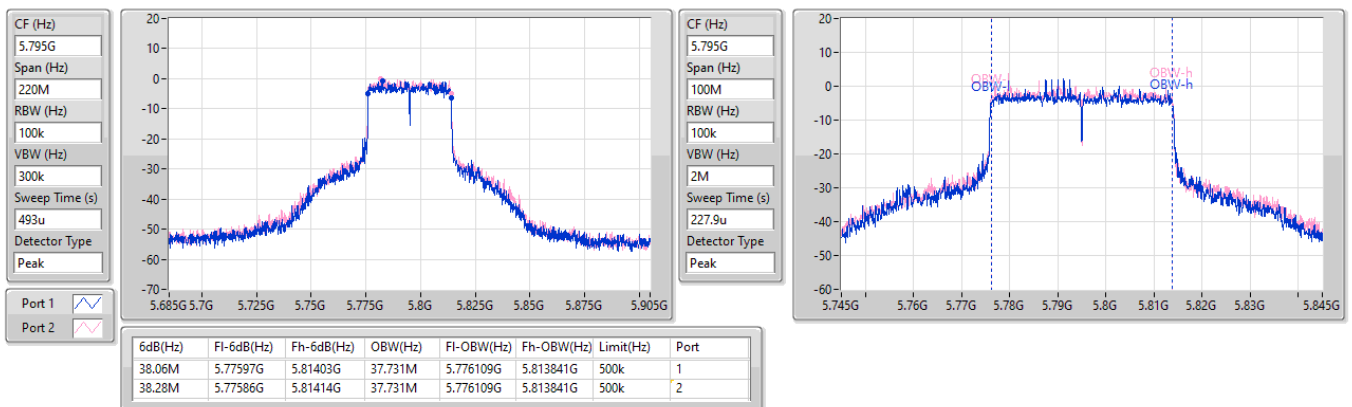


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

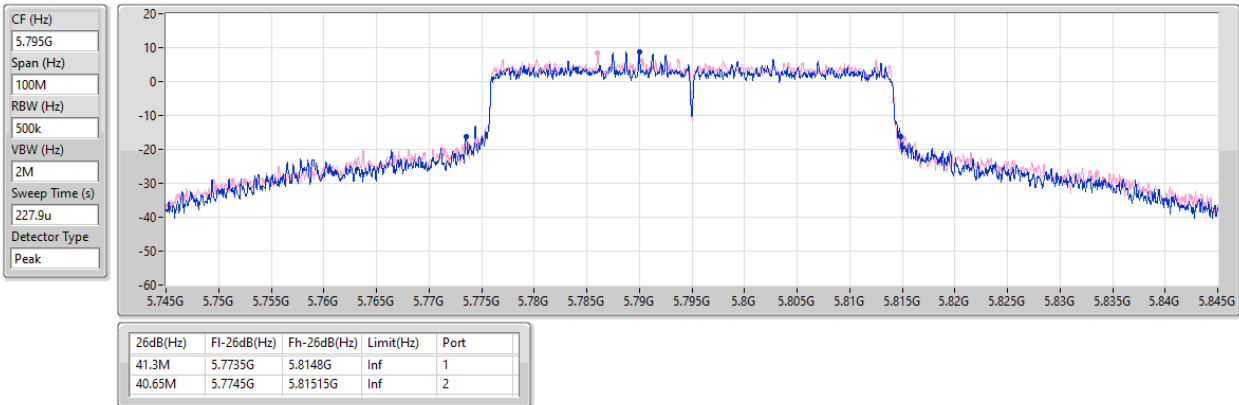


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

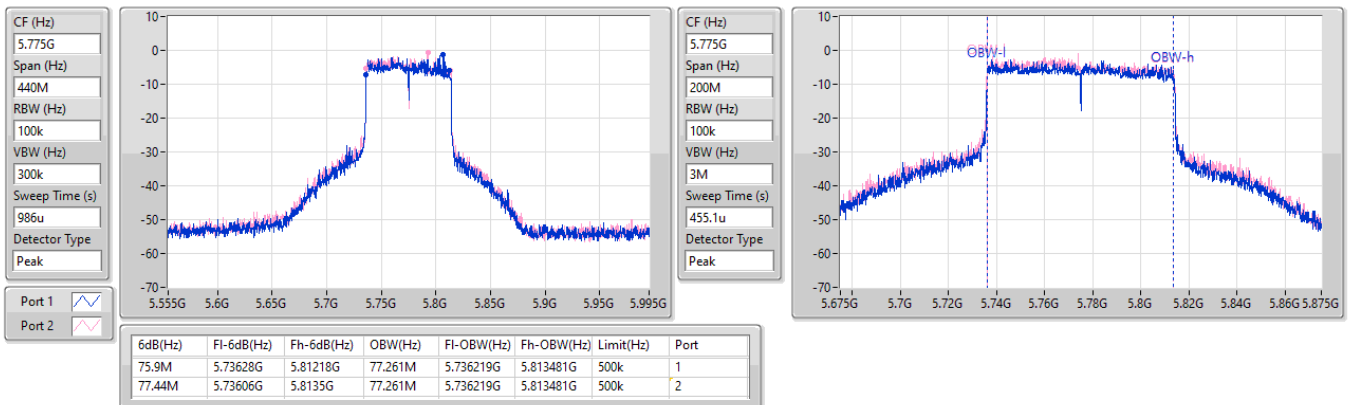


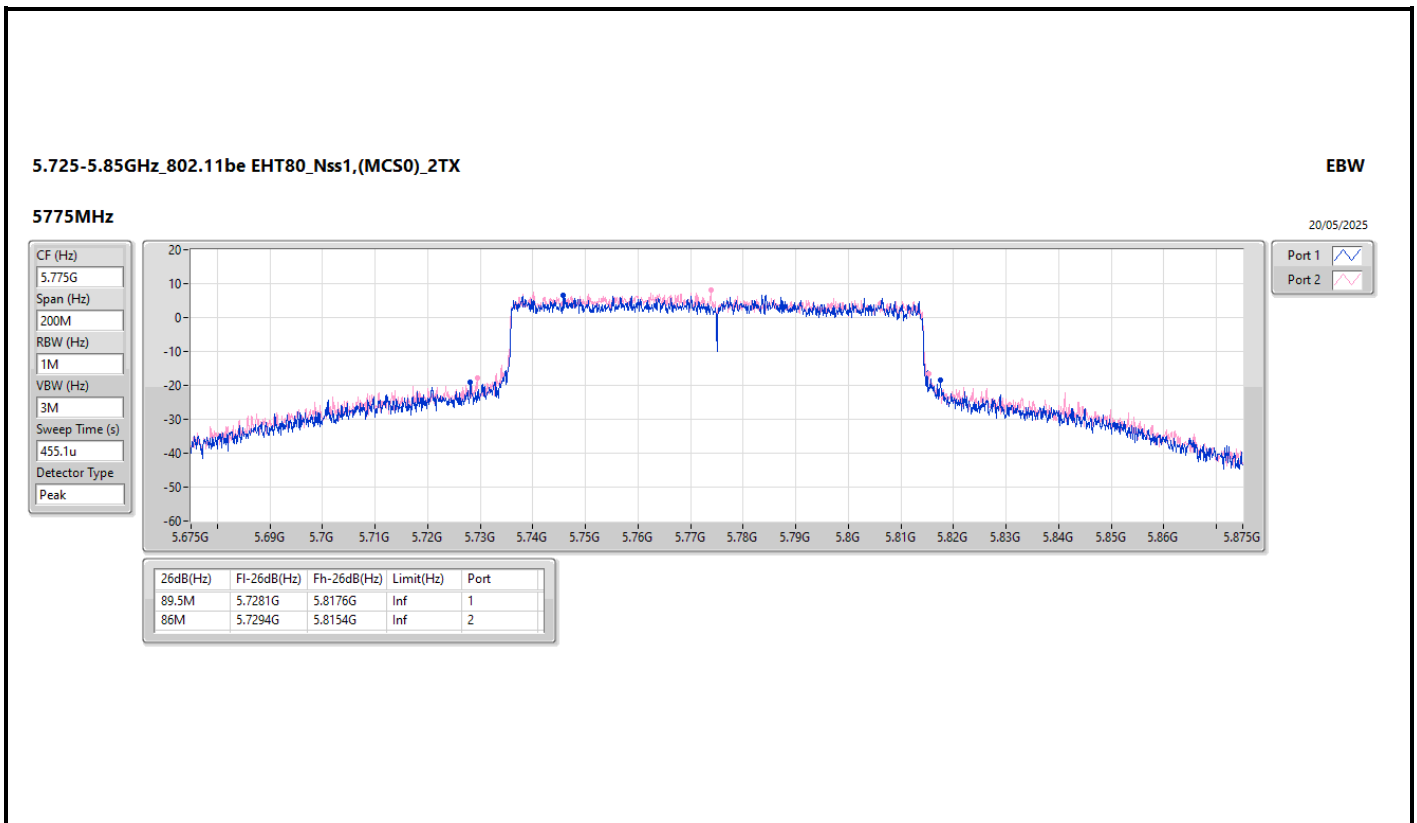
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/05/2025





**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	23.925M	19.29M	19M3D1D	21.45M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	50.16M	37.831M	37M8D1D	42.35M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	83.6M	77.161M	77M2D1D	80.3M	77.061M
802.11be EHT160_Nss2,(MCS0)_2TX	79.44M	77.401M	77M4D1D	79.36M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.86M	19.24M	19M2D1D	21.725M	19.065M
802.11be EHT40_Nss2,(MCS0)_2TX	55.11M	37.781M	37M8D1D	39.71M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	87.56M	77.361M	77M4D1D	85.8M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	79.92M	77.241M	77M2D1D	79.6M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	32.01M	19.14M	19M1D1D	16.23M	14.483M
802.11be EHT40_Nss2,(MCS0)_2TX	52.58M	37.881M	37M9D1D	34.93M	33.723M
802.11be EHT80_Nss2,(MCS0)_2TX	87.78M	77.361M	77M4D1D	74.85M	73.013M
802.11be EHT160_Nss2,(MCS0)_2TX	159.28M	156.122M	156MD1D	159.28M	155.722M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.195M	19.29M	19M3D1D	4.52M	5.437M
802.11be EHT40_Nss2,(MCS0)_2TX	37.73M	37.831M	37M8D1D	4M	10.535M
802.11be EHT80_Nss2,(MCS0)_2TX	77.22M	77.361M	77M4D1D	3.46M	16.772M

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	22.385M	19.115M	21.615M	19.29M
5200MHz	Pass	Inf	22.495M	19.04M	22.385M	19.04M
5240MHz	Pass	Inf	21.45M	19.065M	23.925M	19.04M
5260MHz	Pass	Inf	21.725M	19.065M	24.475M	19.09M
5300MHz	Pass	Inf	23.265M	19.115M	24.585M	19.24M
5320MHz	Pass	Inf	23.705M	19.09M	24.86M	19.09M
5500MHz	Pass	Inf	32.01M	18.991M	26.345M	19.065M
5580MHz	Pass	Inf	22.825M	19.04M	22M	19.115M
5700MHz	Pass	Inf	21.01M	19.14M	20.79M	19.09M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.23M	14.483M	17.325M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.437M	4.64M	6.337M
5745MHz	Pass	500k	19.085M	19.14M	19.03M	19.215M
5785MHz	Pass	500k	19.085M	19.04M	19.085M	19.115M
5825MHz	Pass	500k	19.03M	19.015M	19.195M	19.29M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	47.96M	37.681M	50.16M	37.831M
5230MHz	Pass	Inf	46.97M	37.731M	42.35M	37.831M
5270MHz	Pass	Inf	41.58M	37.781M	39.71M	37.631M
5310MHz	Pass	Inf	50.71M	37.781M	55.11M	37.781M
5510MHz	Pass	Inf	52.14M	37.731M	47.19M	37.831M
5550MHz	Pass	Inf	42.57M	37.681M	45.54M	37.731M
5670MHz	Pass	Inf	52.58M	37.881M	51.59M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.723M	34.93M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	11.014M	4M	10.535M
5755MHz	Pass	500k	37.73M	37.731M	37.73M	37.831M
5795MHz	Pass	500k	37.62M	37.731M	37.73M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.6M	77.061M	80.3M	77.161M
5290MHz	Pass	Inf	87.56M	77.261M	85.8M	77.361M
5530MHz	Pass	Inf	79.42M	77.361M	87.78M	77.261M
5610MHz	Pass	Inf	79.2M	77.261M	81.4M	77.261M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.85M	73.013M	74.85M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	16.772M	3.46M	18.471M
5775MHz	Pass	500k	77.22M	77.361M	70.18M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.44M	77.161M	79.36M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.6M	77.241M	79.92M	77.241M
5570MHz	Pass	Inf	159.28M	155.722M	159.28M	156.122M

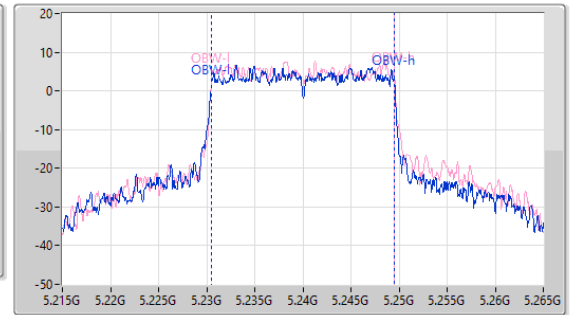
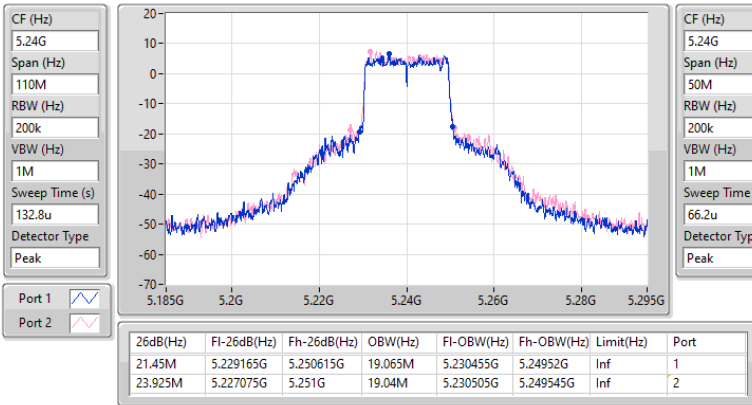
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

20/05/2025

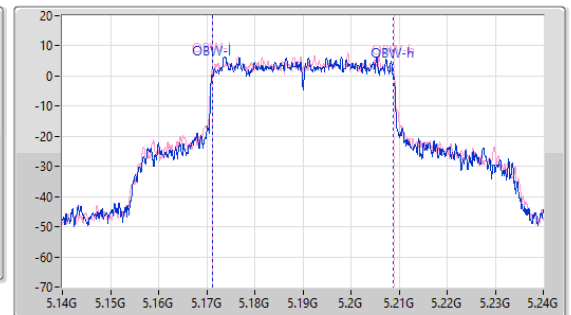
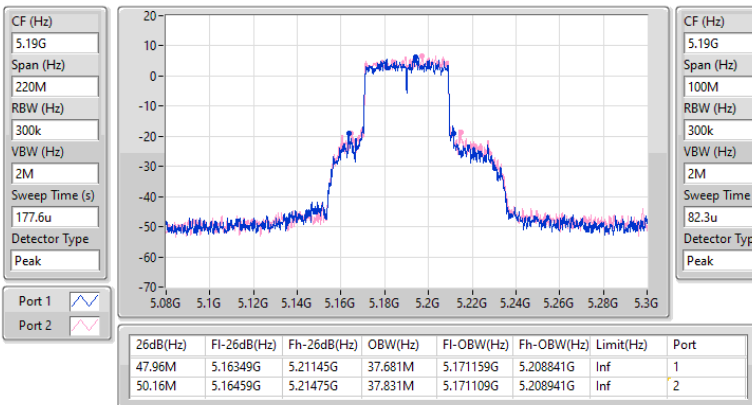


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

20/05/2025

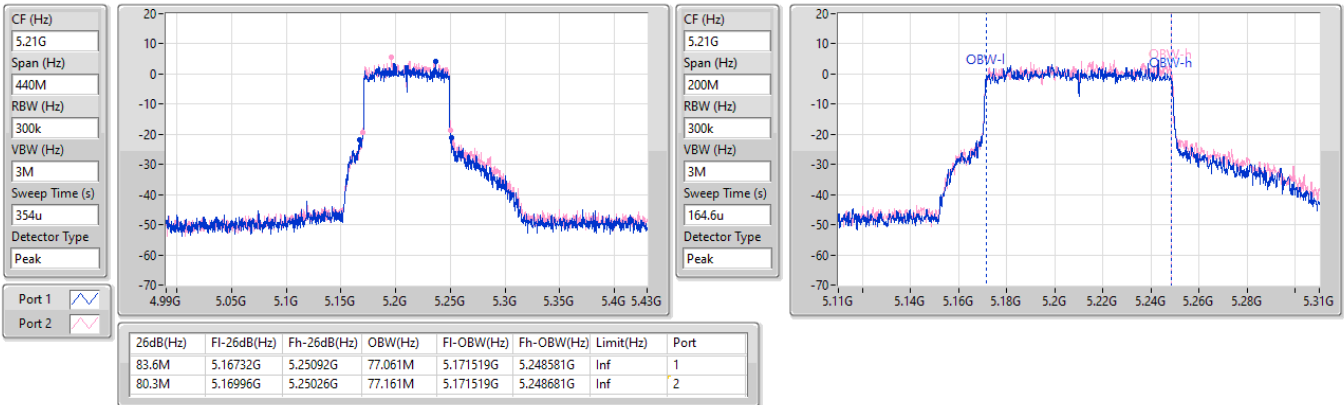


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

20/05/2025

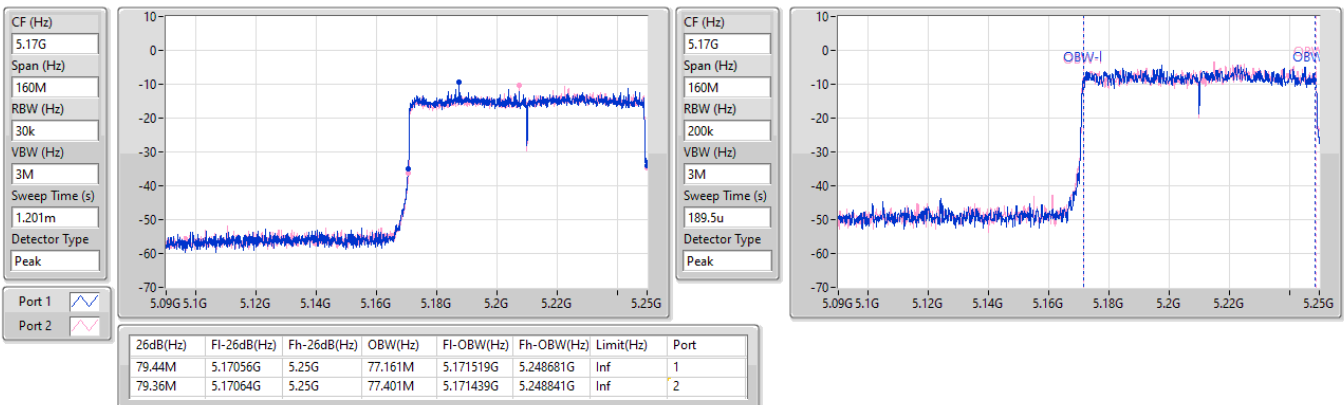


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

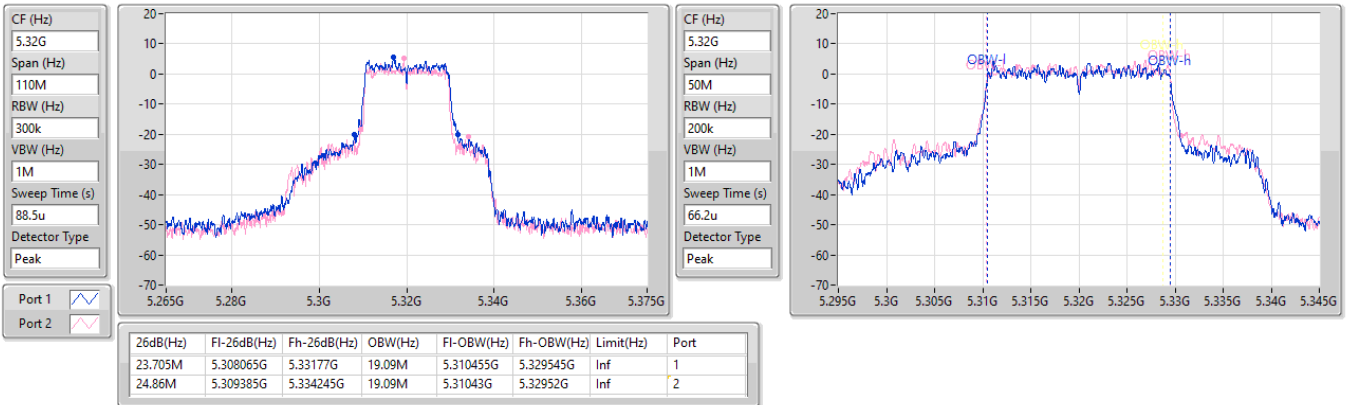


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

20/05/2025

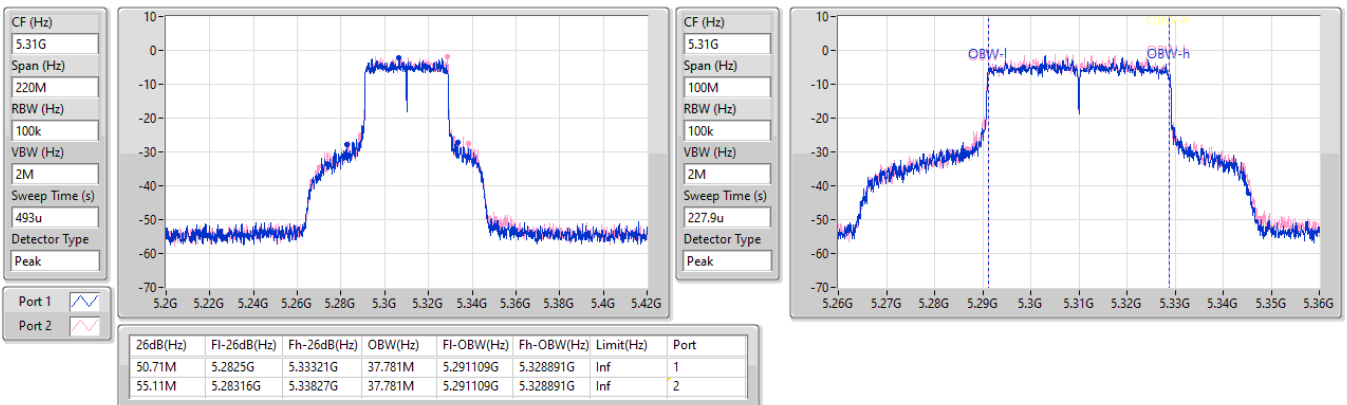


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

20/05/2025

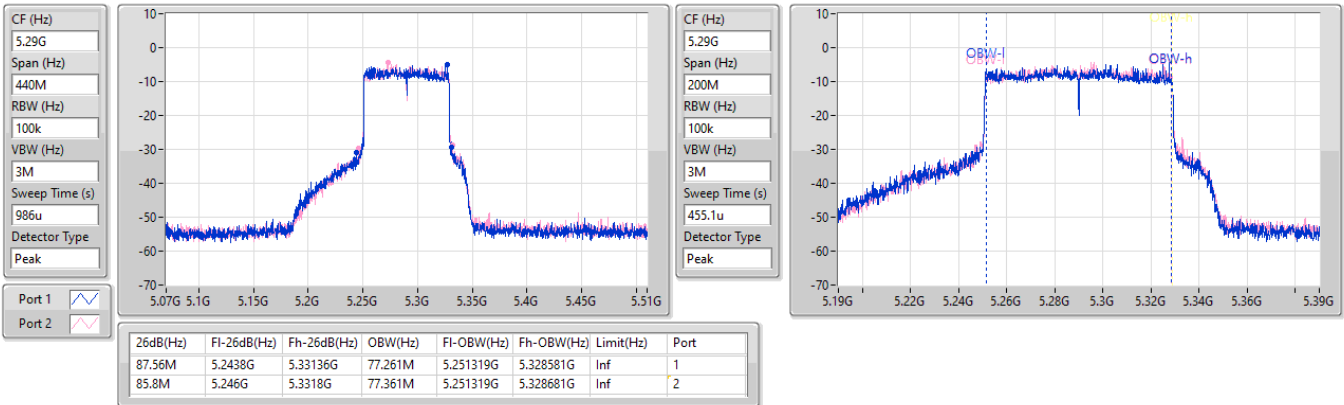


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

20/05/2025

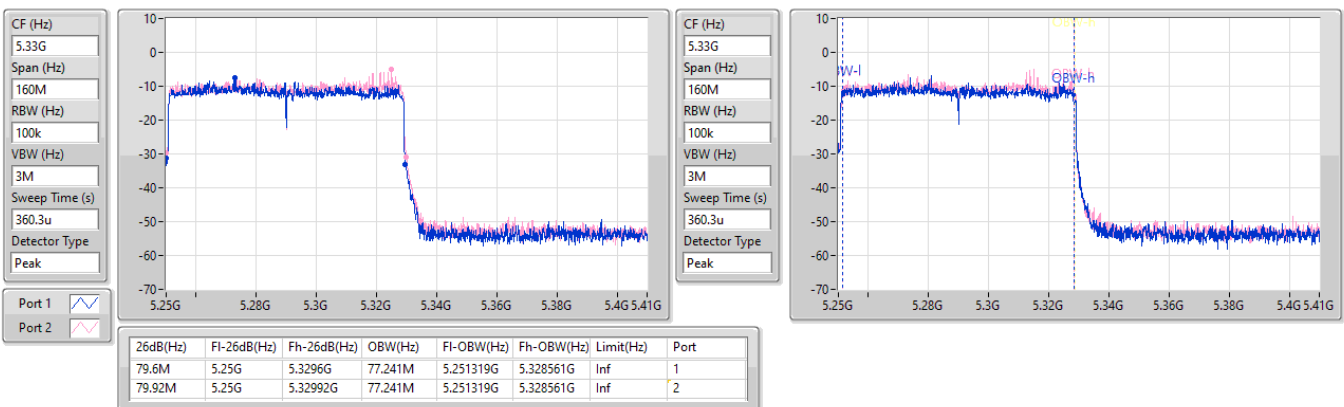


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

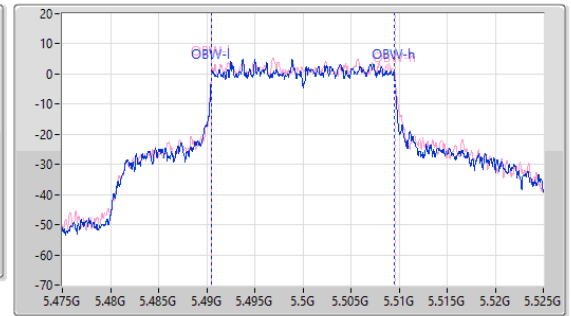
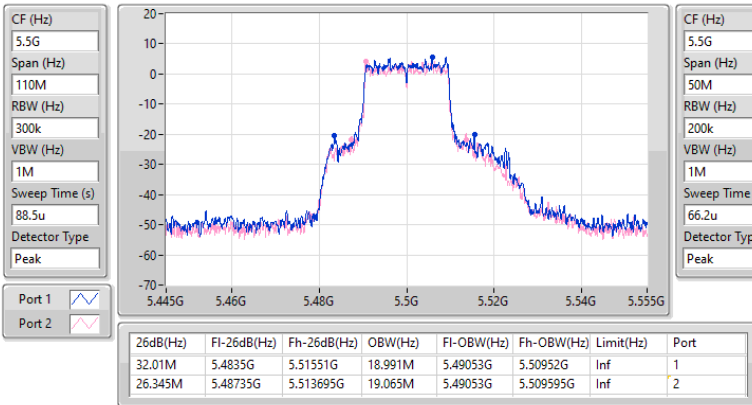


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5500MHz

27/05/2025

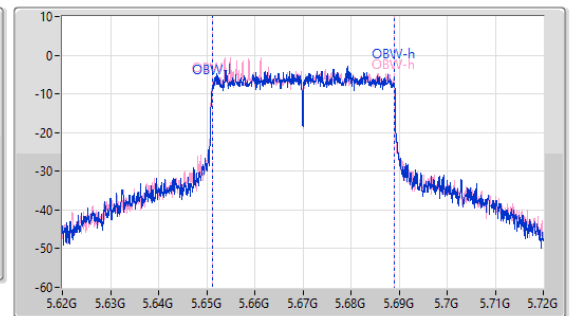
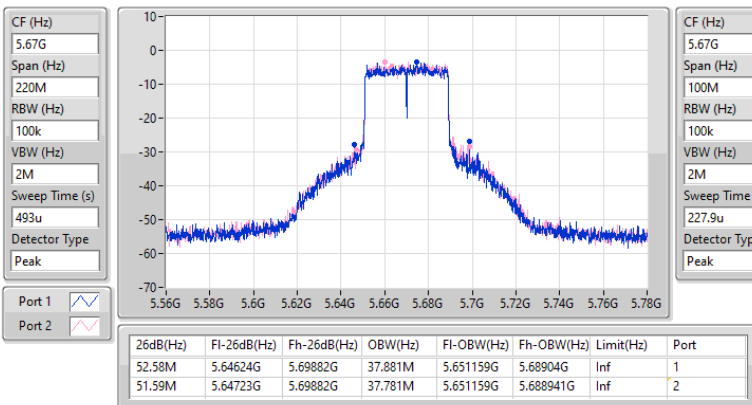


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5670MHz

20/05/2025

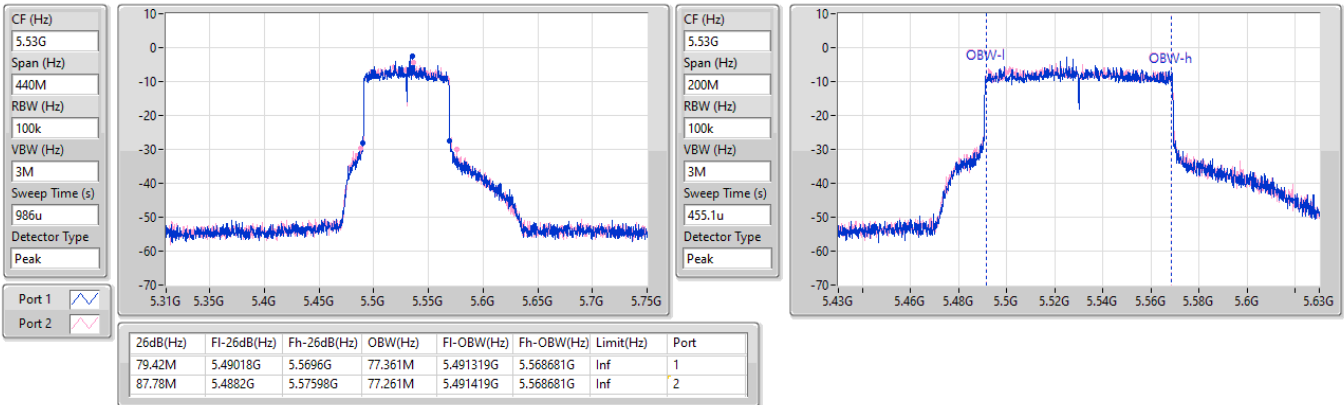


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

20/05/2025

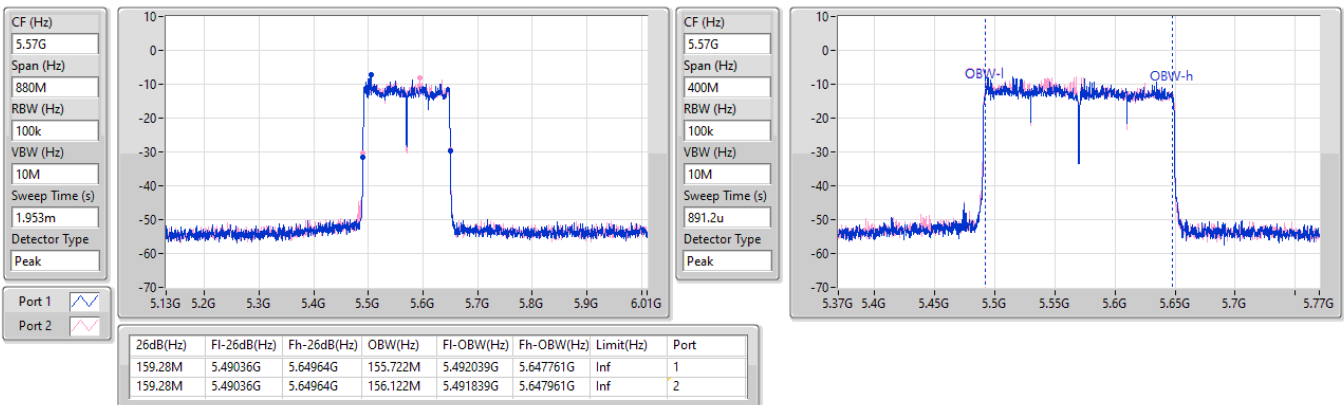


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

20/05/2025

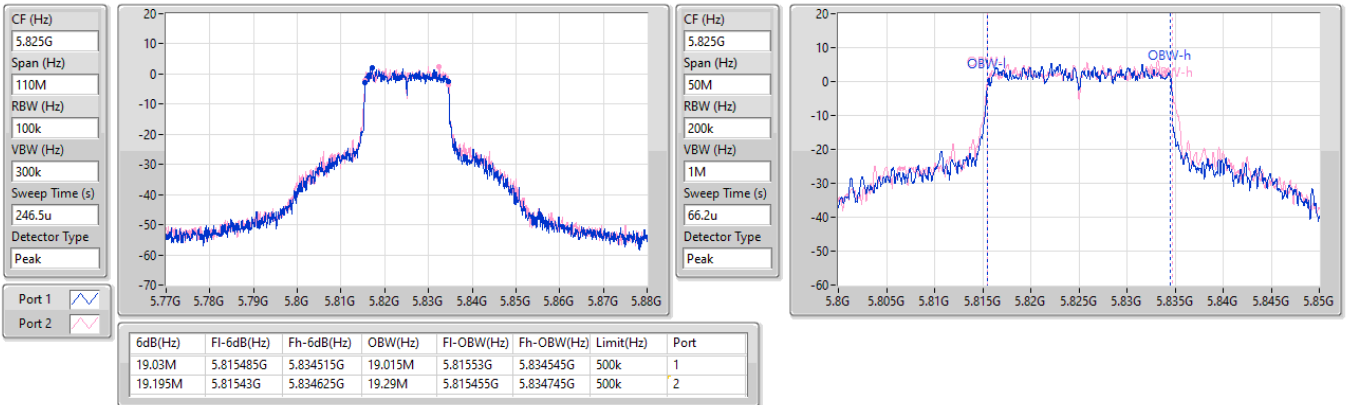


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

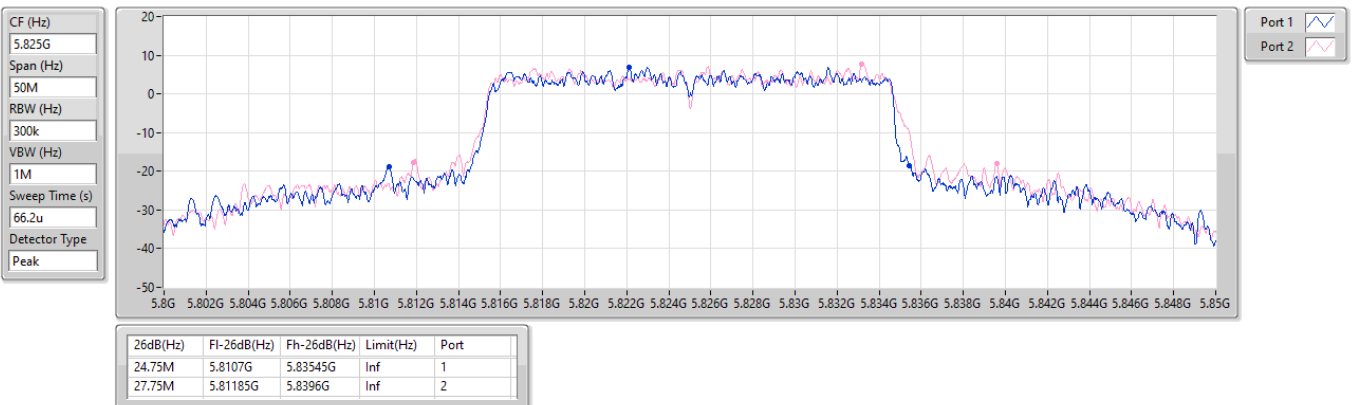


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

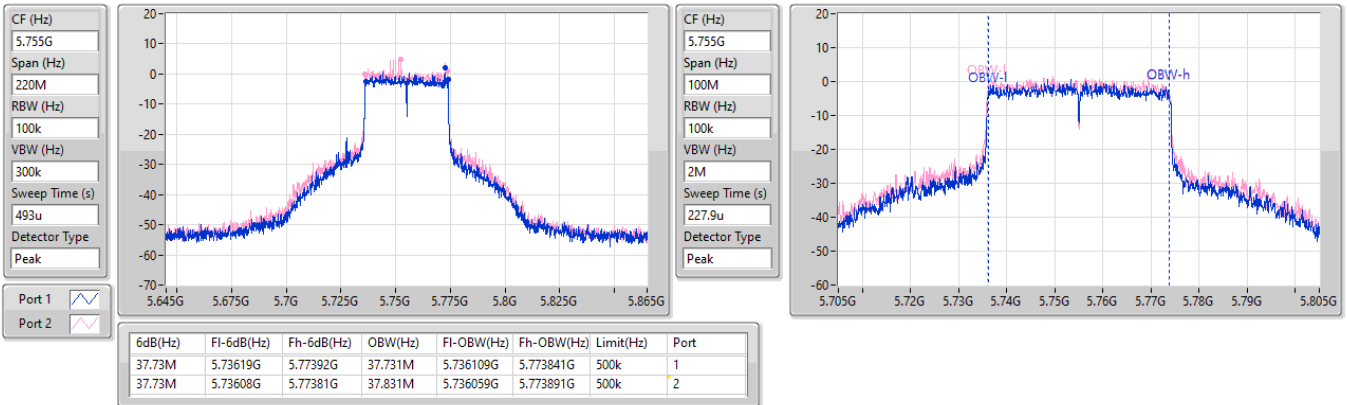


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

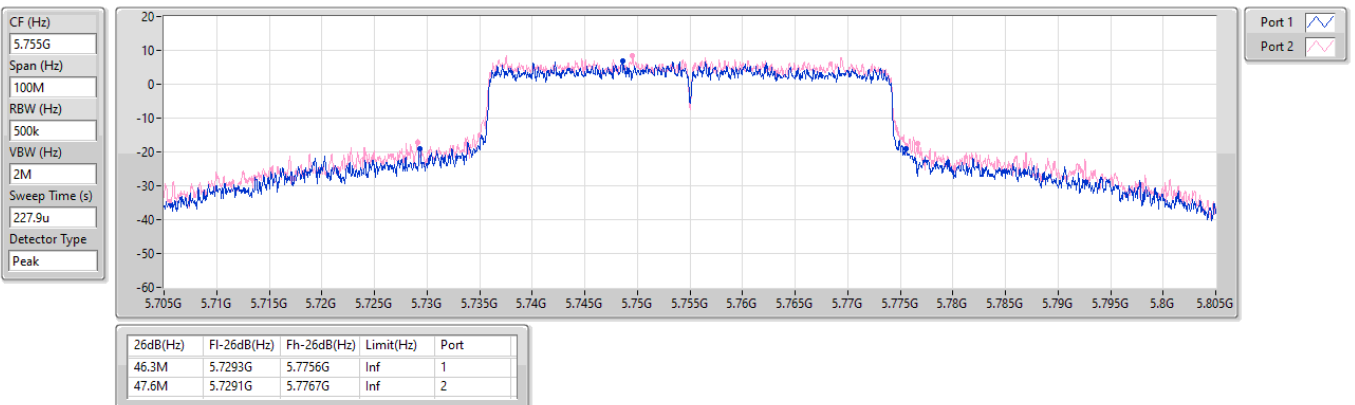


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

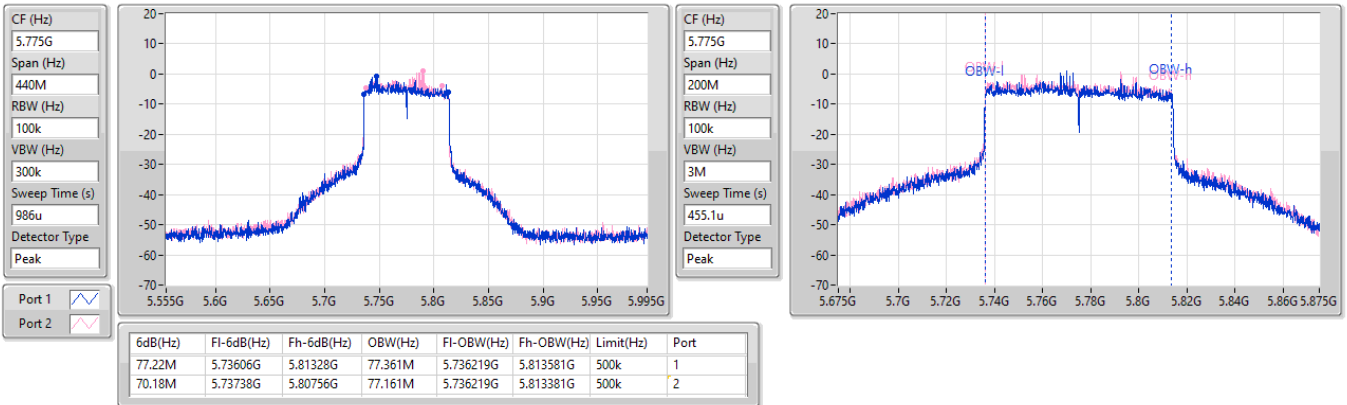


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025

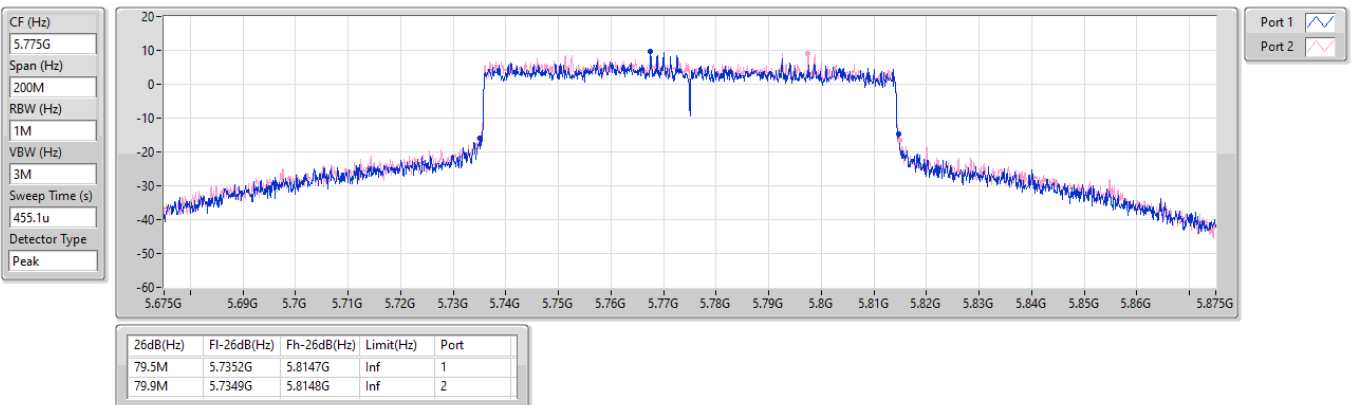


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.75M	17.129M	17M1D1D	21.395M	16.8M
802.11be EHT20_Nss1,(MCS0)_1TX	24.805M	19.165M	19M2D1D	22.22M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	48.84M	37.881M	37M9D1D	41.91M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	80.96M	77.261M	77M3D1D	80.96M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.77M	16.954M	17M0D1D	21.23M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	24.585M	19.19M	19M2D1D	21.12M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	43.12M	37.731M	37M7D1D	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	82.5M	76.962M	77M0D1D	82.5M	76.962M

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	24.75M	16.822M
5200MHz	Pass	Inf	21.78M	16.8M
5240MHz	Pass	Inf	21.395M	17.129M
5260MHz	Pass	Inf	21.45M	16.954M
5300MHz	Pass	Inf	21.23M	16.734M
5320MHz	Pass	Inf	22.77M	16.888M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.805M	19.065M
5200MHz	Pass	Inf	22.33M	19.165M
5240MHz	Pass	Inf	22.22M	19.065M
5260MHz	Pass	Inf	21.12M	19.04M
5300MHz	Pass	Inf	23.045M	19.09M
5320MHz	Pass	Inf	24.585M	19.19M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	48.84M	37.881M
5230MHz	Pass	Inf	41.91M	37.781M
5270MHz	Pass	Inf	43.12M	37.731M
5310MHz	Pass	Inf	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	80.96M	77.261M
5290MHz	Pass	Inf	82.5M	76.962M

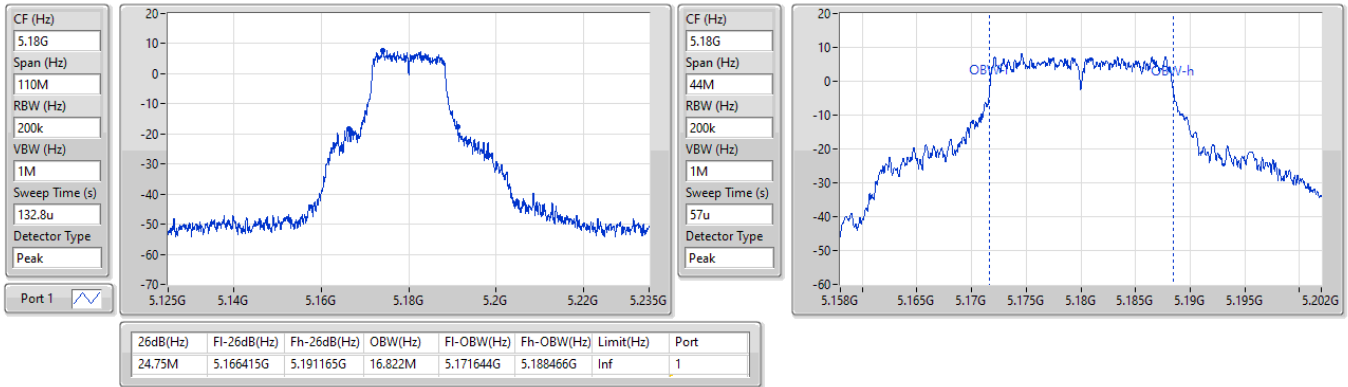
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

23/05/2025



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

EBW

5180MHz

23/05/2025

