



RADIO TEST REPORT

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022FX
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 Jan. 17, 2026, and testing was started from Jan. 17, 2026 and completed on Jul. 17, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 3 of 55
Issued Date : Sep. 16, 2026
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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.3	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen
Report Producer: Wendy Pan



1 General Description

1.1 Information

1.1.1 RF General Information

<Indoor Access Point>

For Radio 1:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
6525-7125	ax (HEW20), be (EHT20)	6595-7095	129-229 [26]
6525-7125	ax (HEW40), be (EHT40)	6605-7085	131-227 [13]
6525-7125	ax (HEW80), be (EHT80)	6625-7025	135-215 [6]
6525-7125	ax (HEW160), be (EHT160)	6665-6985	143-207 [3]

For Radio 3 and Scanning Radio 4:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20), be (EHT20)	5955-7095	1-229 [58]
5925-7125	ax (HEW40), be (EHT40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80), be (EHT80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160), be (EHT160)	6025-6985	15-207 [7]
5925-7125	be (EHT320)	6105-6905	31-191 [6]

**<Standard Power Access Point>****For Radio 1:**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
6525-6875	ax (HEW20), be (EHT20)	6595-6855	129-181 [14]
6525-6875	ax (HEW40), be (EHT40)	6605-6845	131-179 [7]
6525-6875	ax (HEW80), be (EHT80)	6625-6785	135-167 [3]
6525-6875	ax (HEW160), be (EHT160)	6665	143 [1]

For Radio 3 and Scanning Radio 4:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	ax (HEW20), be (EHT20)	5955-6415	1-93 [24]
6525-6875		6535-6855	117-181 [17]
5925-6425	ax (HEW40), be (EHT40)	5965-6405	3-91 [12]
6525-6875		6565-6845	123-179 [8]
5925-6425	ax (HEW80), be (EHT80)	5985-6385	7-87 [6]
6525-6875		6625-6785	135-167 [3]
5925-6425	ax (HEW160), be (EHT160)	6025-6345	15-79 [3]
6525-6875		6665	143 [1]
5925-6425	be (EHT320)	6105-6265	31-63 [2]

**For Radio 1:**

Band	Mode	BWch (MHz)	Nant
6.525-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX

**For Radio 3:**

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	1, 2, 4TX
	802.11 ax HEW20-BF, 802.11 be EHT20-BF	20	2, 4TX
	802.11 ax HEW40, 802.11 be EHT40	40	1, 2, 4TX
	802.11 ax HEW40-BF, 802.11 be EHT40-BF	40	2, 4TX
	802.11 ax HEW80, 802.11 be EHT80	80	1, 2, 4TX
	802.11 ax HEW80-BF, 802.11 be EHT80-BF	80	2, 4TX
	802.11 ax HEW160, 802.11 be EHT160	160	1, 2, 4TX
	802.11 ax HEW160-BF, 802.11 be EHT160-BF	160	2, 4TX
	802.11 be EHT320	320	1, 2, 4TX
	802.11 be EHT320-BF	320	2, 4TX

For Scanning Radio 4:

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	802.11 ax HEW20, 802.11 be EHT20	20	2TX
	802.11 ax HEW40, 802.11 be EHT40	40	2TX
	802.11 ax HEW80, 802.11 be EHT80	80	2TX
	802.11 ax HEW160, 802.11 be EHT160	160	2TX
	802.11 be EHT320	320	2TX

MRU (puncturing)
For Multi_RU/Puncturing:

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH
		80				UNII-5 CH7
484+242	1		242		484	–
	2	242			484	V
	3		484			V
	4		484	242		V

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH
		160				UNII-5 CH15
996+484	1		484		996	–
	2	484			996	V
	3		996		484	V
	4		996	484		V
996+484+242	1		242	484	996	–
	2	242		484	996	V
	3		484		996	V
	4		484	242	996	V
	5		996		242	V
	6		996	242	484	V
	7		996	484		V
	8		996	484	242	V

RU-tone	Configuration	Bandwidth (MHz)				6GHz Test CH
		320				UNII-5 CH31
2×996+484	1		484	996	996	–
	2	484		996	996	V
	3		996		484	V
	4		996	484	996	V
	5		996	996		V
	6		996	996	484	V
	7			484	996	–
	8		484		996	–
	9			996	484	–
	10			996	484	–
	11			996	996	–
	12			996	484	–
3×996	1			996	996	–
	2		996		996	V
	3		996		996	V
	4		996		996	V
3×996+484	1		484	996	996	–
	2	484		996	996	V
	3		996		484	V
	4		996	484	996	V
	5		996	996		V
	6		996	996	484	V
	7		996	996		V
	8		996	996	484	V

Note:

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160, EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Worst case of MRU(puncturing) evaluation procedure

For Radio 1 and Radio 3 (Standard Power Access Point)

Worst case of MRU(puncturing) evaluation procedure (Used Conducted EIRP/PSD)

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

**1.1.3 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Radio	Remark
1	1/2/3/4	Extreme Networks	AI-TP05360	MIMO-Directional Panel	SMA ST. Plug	2.4G & 5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
2	1/2/3/4	Extreme Networks	AI-TQ08055	Sector	RP- SMA	2.4G & 5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
3	1/2/3/4	Extreme Networks	AIO-HQ17020	MIMO-Directional Panel	SMA Female	5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
4	1/2/3/4	Extreme Networks	AIO-DQ15021-RPS MA	MIMO-Directional Panel	Reverse SMA	2.4G & 5G Low + 5G Full & 5G High	Radio 1+Radio 2	External Ant.
5	1	WNC	95XPAM15.G84	PIFA	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
6	2	WNC	95XPAM15.G85	PIFA	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
7	3	WNC	95XPAM15.G87	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
8	4	WNC	95XPAM15.G88	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
9	1	WNC	95XPAM15.G56	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	Internal Ant.
10	2	WNC	95XPAM15.G57	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	Internal Ant.
11	1	WNC	95XPAM15.G53	PIFA	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
12	2	WNC	95XPAM15.G54	PIFA	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
13	3	WNC	95XPAM15.GAM	Alford loop	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
14	4	Extreme Networks	AI-TS06360	Dipole	RP-SMA	BT+802.15.4	Radio 5	External Ant.
15	1	WNC	95XPAM15.G81	PIFA	I-Pex	UWB	Radio 6	Internal Ant.
16	2	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
17	3	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
18	4	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
19	1/2/3/4	Extreme Networks	AIO-HM25007	Spherical lens	N Male	5G Full & 6G Full	Radio 2+Radio 3	External Ant.



Ant.	POL	Port	Antenna peak gain (dBi)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	2	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	3	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	4	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	5	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	2	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	3	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	4	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	5	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	2	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	3	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	4	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	5	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	7	6	6	-	-	-	-	6	6	-	-	-
	H-POL	2	7	6	6	-	-	-	-	6	6	-	-	-
	V-POL	3	7	6	6	-	-	-	-	6	6	-	-	-
	H-POL	4	7	6	6	-	-	-	-	6	6	-	-	-
	V-POL	1	-	6	6	6	6	-	-	-	-	-	-	-
Ant 2 Radio 2 5G Full 5G High	H-POL	2	-	6	6	6	6	-	-	-	-	-	-	-
	V-POL	3	-	6	6	6	6	-	-	-	-	-	-	-
	H-POL	4	-	6	6	6	6	-	-	-	-	-	-	-
	V-POL	1	-	-	-	-	-	6	6	6	6	-	-	-
	H-POL	2	-	-	-	-	-	6	6	6	6	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	3	-	-	-	-	-	6	6	6	6	-	-	-
	H-POL	4	-	-	-	-	-	6	6	6	6	-	-	-
	- 45 POL	1	-	17	17	-	-	-	-	17	17	-	-	-
	+ 45 POL	2	-	17	17	-	-	-	-	17	17	-	-	-
	+ 45 POL	3	-	17	17	-	-	-	-	17	17	-	-	-
Ant 3 Radio 1 5G Low 6G High	- 45 POL	4	-	17	17	-	-	-	-	17	17	-	-	-
	- 45 POL	1	-	17	17	17	17	-	-	-	-	-	-	-
	+ 45 POL	2	-	17	17	17	17	-	-	-	-	-	-	-
	+ 45 POL	3	-	17	17	17	17	-	-	-	-	-	-	-
	- 45 POL	4	-	17	17	17	17	-	-	-	-	-	-	-
Ant 3 Radio 2 5G Full 5G High	- 45 POL	1	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	2	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	3	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	4	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	1	-	-	-	-	-	17	17	17	17	-	-	-
Ant 3 Radio 3 6G Full 6G Low	+ 45 POL	2	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	3	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	4	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	1	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	2	-	-	-	-	-	17	17	17	17	-	-	-



Ant.	POL	Port	Antenna peak gain (dBi)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	11.1	15	15	-	-	-	-	-	-	-	-	-
	H-POL	2	11.1	15	15	-	-	-	-	-	-	-	-	-
	V-POL	3	11.1	15	15	-	-	-	-	-	-	-	-	-
	H-POL	4	11.1	15	15	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	15	15	15	15	-	-	-	-	-	-	-
	H-POL	2	-	15	15	15	15	-	-	-	-	-	-	-
	V-POL	3	-	15	15	15	15	-	-	-	-	-	-	-
	H-POL	4	-	15	15	15	15	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	5.8	4.39	4.54	5.28	-	-	-
Ant 6	-	2	-	-	-	-	-	4.31	5.13	4.62	4.43	-	-	-
Ant 7	-	3	-	-	-	-	-	5.41	5.06	3.5	4.6	-	-	-
Ant 8	-	4	-	-	-	-	-	4.15	3.89	2.42	3.55	-	-	-
Ant 9	-	1	2.42	4.11	4.34	5.46	3.49	3.46	4.88	5.13	4.76	-	-	-
Ant 10	-	2	2.86	3.32	3.52	3.7	4.34	5.68	4.13	4.75	4.59	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	3.6	3.6	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	5.7	5.7	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	2.7	2.7	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	3.04	3.04	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	4.7
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	5.4
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	4.8
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	4.4
Ant 19 Radio 2 5G Full	+ 45 POL	1	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
	- 45 POL	2	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
	+ 45 POL	3	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
	- 45 POL	4	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
Ant 19 Radio 3 6G Full	+ 45 POL	1	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-
	- 45 POL	2	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-
	+ 45 POL	3	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-
	- 45 POL	4	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-



RADIO TEST REPORT

Report No. : FR5O0964-13AB

Ant.	POL	Port	Antenna cable loss (dB)																		
			Main PCB to External Antenna Connector Loss					Radio 1: Main PCB to External Antenna Connector Loss Radio 3: Main PCB to Switch Board Loss				Radio 3: Switch Board to External Antenna Connector Loss				Antenna 3 Cable Loss		Main PCB to External Antenna Connector Loss		UWB	
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-5	UNII-6	UNII-7	UNII-8	5G Ant.	6G Ant.	BT	802.15.4	UWB	
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	-	2	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	-	3	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	-	4	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	-	5	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
Ant 1 Radio 2 5G Full 5G High	-	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	5	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	-	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	-	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	-	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	-	5	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	H-POL	2	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	V-POL	3	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
	H-POL	4	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-	
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	V-POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	H-POL	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	V-POL	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
	H-POL	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-	
Ant 3 Radio 1 5G Low 6G High	-45 POL	1	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-	
	+45 POL	2	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-	
	+45 POL	3	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-	
	-45 POL	4	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-	
Ant 3 Radio 2 5G Full 5G High	-45 POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-	
	+45 POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-	
	+45 POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-	
	-45 POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-	
Ant 3 Radio 3 6G Full 6G Low	-45 POL	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-	
	+45 POL	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-	
	+45 POL	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-	
	-45 POL	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-	



Ant.	POL	Port	Antenna cable loss (dB)																		
			Main PCB to External Antenna Connector Loss					Radio 1: Main PCB to External Antenna Connector Loss Radio 3: Main PCB to Switch Board Loss					Radio 3: Switch Board to External Antenna Connector Loss				Antenna 3 Cable Loss		Main PCB to External Antenna Connector Loss		UWB
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-5	UNII-6	UNII-7	UNII-8	5G Ant.	6G Ant.	BT	802.15.4	UWB	
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	2	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	V-POL	3	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	4	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	V-POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 5	-	1	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 6	-	2	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 7	-	3	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 8	-	4	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 9	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 10	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 11	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 12	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 13	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 14	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.09	1.09	-	
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Ant.	POL	Port	Antenna cable loss (dB)																			
			Radio 3: Main PCB to Switch Board Loss				Radio 2 and Radio 3: Switch Board to External Antenna Connector Loss								Diplexer Board							
			UNII-5	UNII-6	UNII-7	UNII-8	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 19 Radio 2 5G Full	+ 45 POL	1	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
	- 45 POL	2	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
	+ 45 POL	3	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
	- 45 POL	4	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
Ant 19 Radio 3 6G Full	+ 45 POL	1	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4
	- 45 POL	2	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4
	+ 45 POL	3	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4
	- 45 POL	4	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4



Ant.	POL	Port	Antenna Net Gain (dB)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 1	-	1	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
Radio 1	-	2	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
2.4G 5G	-	3	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
Low 6G	-	4	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
High	-	5	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
Ant 1	-	1	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
Radio 2	-	2	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
5G Full	-	3	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
5G High	-	4	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	5	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
Ant 1	-	1	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
Radio 3	-	2	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
6G Full	-	3	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
6G Low	-	4	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	5	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
Ant 2	V-POL	1	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
Radio 1	H-POL	2	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
2.4G 5G	V-POL	3	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
Low 6G	H-POL	4	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
High														
Ant 2	V-POL	1	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
Radio 2	H-POL	2	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
5G Full	V-POL	3	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
5G High	H-POL	4	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
Ant 2	V-POL	1	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
Radio 3	H-POL	2	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
6G Full	V-POL	3	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
6G Low	H-POL	4	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
Ant 3	- 45 POL	1	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
Radio 1	+ 45 POL	2	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
5G Low	+ 45 POL	3	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
6G High	- 45 POL	4	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
Ant 3	- 45 POL	1	-	14	14	14	14	-	-	-	-	-	-	-
Radio 2	+ 45 POL	2	-	14	14	14	14	-	-	-	-	-	-	-
5G Full	+ 45 POL	3	-	14	14	14	14	-	-	-	-	-	-	-
5G High	- 45 POL	4	-	14	14	14	14	-	-	-	-	-	-	-
Ant 3	- 45 POL	1	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
Radio 3	+ 45 POL	2	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
6G Full	+ 45 POL	3	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
6G Low	- 45 POL	4	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-



Ant.	POL	Port	Antenna Net Gain (dB)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	H-POL	2	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	V-POL	3	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	H-POL	4	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	H-POL	2	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	V-POL	3	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	H-POL	4	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	3.07	1.66	1.81	2.55	-	-	-
Ant 6	-	2	-	-	-	-	-	1.58	2.4	1.89	1.7	-	-	-
Ant 7	-	3	-	-	-	-	-	2.68	2.33	0.77	1.87	-	-	-
Ant 8	-	4	-	-	-	-	-	1.42	1.16	-0.31	0.82	-	-	-
Ant 9	-	1	2.42	4.11	4.34	5.46	3.49	3.46	4.88	5.13	4.76	-	-	-
Ant 10	-	2	2.86	3.32	3.52	3.7	4.34	5.68	4.13	4.75	4.59	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	3.6	3.6	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	5.7	5.7	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	2.7	2.7	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	1.95	1.95	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	4.7
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	5.4
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	4.8
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	4.4
Ant 19 Radio 2 5G Full	+ 45 POL	1	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
	- 45 POL	2	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
	+ 45 POL	3	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
	- 45 POL	4	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
Ant 19 Radio 3 6G Full	+ 45 POL	1	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-
	- 45 POL	2	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-
	+ 45 POL	3	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-
	- 45 POL	4	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-

Ant.	Items	Composite Gain (dBi) for 4TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 5~8 Radio 3 6G Full 6G Low	DG [1SS]	-	-	-	-	-	6.11	5.89	4.62	5.39
	DG [4SS]	-	-	-	-	-	5.8	5.13	4.62	5.28

Ant.	Items	Composite Gain (dBi) for 2TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 5~8 Radio 3 6G Full 6G Low	DG [1SS]	-	-	-	-	-	6.33	6.5	5.7	5.91
	DG [2SS]	-	-	-	-	-	5.8	5.13	4.62	5.28
Ant 9~10 Radio 4 Scan	DG [1SS]	4.23	5.88	6.57	7.04	5.34	5.85	4.88	5.32	4.76
	DG [2SS]	2.86	4.11	4.34	5.46	4.34	5.68	4.88	5.13	4.76

Note 1: The EUT has nineteen antennas.

Note 2: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

Note 3: BT= Bluetooth.

For 2.4GHz function:

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

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive.

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

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive simultaneously.

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

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive simultaneously.

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

Ant. 9~10 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive.

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

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

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

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

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

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 or Ant.19 could transmit/receive.

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

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 or Ant.19 could transmit/receive simultaneously.

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

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 or Ant.19 could transmit/receive simultaneously.

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

Ant. 9~10 could transmit/receive simultaneously.

**For 6GHz function:**

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 1_High Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 1_High Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 1_High Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3_Low Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3_Low Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3_Low Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)
Ant. 1 or Ant. 2 or Ant.3 or Ant.19 could transmit/receive.

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)
Ant. 1 or Ant. 2 or Ant.3 or Ant.19 could transmit/receive simultaneously.

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)
Ant. 1 or Ant. 2 or Ant.3 or Ant.19 could transmit/receive simultaneously.

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)
Ant. 9~10 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 11 or Ant.12 or Ant 13 or Ant 14 could transmit/receive.

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

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)
Ant. 11 or Ant.12 or Ant 13 or Ant 14 could transmit/receive.

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

For UWB function(2TX/4RX):

Ant. 15 and Ant 17 could transmit. Ant. 15~18 could receive.

Note 4: Directional gain information (Ant 1~4, 19)

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

1.1.4 Mode Test Duty Cycle

Mode 1: EUT (External: Ant. 19) / R3_Standard Power Access Point

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40_Nss 1,(M0)	0.905	0.43	305u	5k
802.11be EHT80_Nss 1,(M0)	0.903	0.44	295u	5k
802.11be EHT160_Nss 1,(M0)	0.901	0.45	291.25u	5k
802.11be EHT320_Nss 1,(M0)	0.902	0.45	291.25u	5k
802.11be EHT20_Nss 2,(M0)	0.905	0.43	311.875u	5k
802.11be EHT40_Nss 2,(M0)	0.905	0.43	306.25u	5k
802.11be EHT80_Nss 2,(M0)	0.904	0.44	298.75u	5k
802.11be EHT160_Nss 2,(M0)	0.903	0.44	294.375u	5k
802.11be EHT320_Nss 2,(M0)	0.905	0.43	298.75u	5k
802.11be EHT20_Nss 4,(M0)	0.906	0.43	320.625u	5k
802.11be EHT40_Nss 4,(M0)	0.907	0.42	313.125u	5k
802.11be EHT80_Nss 4,(M0)	0.906	0.43	308.75u	5k
802.11be EHT160_Nss 4,(M0)	0.906	0.43	308.75u	5k
802.11be EHT320_Nss 4,(M0)	0.908	0.42	313.125u	5k
802.11be EHT20-BF_Nss 1,(M0)	0.908	0.42	322.5u	5k
802.11be EHT40-BF_Nss 1,(M0)	0.905	0.43	305u	5k
802.11be EHT80-BF_Nss 1,(M0)	0.903	0.44	295u	5k
802.11be EHT160-BF_Nss 1,(M0)	0.901	0.45	291.25u	5k
802.11be EHT320-BF_Nss 1,(M0)	0.902	0.45	291.25u	5k

**Mode 2: EUT (External: Ant. 19) / R3_Standard Power Access Point (MRU (puncturing))**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242	0.97	0.13	1.001m	1k
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242	0.969	0.14	999.375u	2k
802.11be EHT160_Nss 1,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996+RU484	0.971	0.13	999.375u	2k
802.11be EHT320_Nss 1,(M0),3xRU996	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 1,(M0),2xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT80_Nss 2,(M0),RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 2,(M0),RU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 2,(M0),3xRU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 2,(M0),3xRU996	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 2,(M0),2xRU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT80_Nss 4,(M0),RU484+RU242	0.968	0.14	999.375u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484+RU242	0.97	0.13	999.375u	2k
802.11be EHT160_Nss 4,(M0),RU996+RU484	0.969	0.14	999.375u	2k
802.11be EHT320_Nss 4,(M0),3xRU996+RU484	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 4,(M0),3xRU996	0.97	0.13	999.375u	2k
802.11be EHT320_Nss 4,(M0),2xRU996+RU484	0.97	0.13	999.375u	2k

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz (Radio 1), n/ac/ax/be in 5GHz (Radio 1, 2) and ax/be in 6GHz (Radio 1, 3).			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☒	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☒	Supported for Radio 1, 3		
	☒	Unsupported for Scanning Radio 4		
	Note: The EUT doesn't support puncturing for CBP.			
Support RU	☒	Full RU for Radio 1, 3, 4	☒	Partial RU for Radio 1, 3
Test Software Version	Mtool 3.4.1.0			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Support Function

Function
AP
Bridge
Mesh

Note: The above information was declared by manufacturer.

1.1.7 Table for Radio Function

Radio (R)	WLAN 2.4GHz	5GHz	Scanning radio (WLAN 2.4GHz / 5GHz / 6GHz)	6GHz	Bluetooth / IEEE802.15.4	UWB
R1	V (AP, Bridge, Mesh)	V (AP for UNII 1~2A, Bridge, Mesh for UNII 1)	-	V (AP for 6GHz UNII 7~8/6SD External ant.)	-	-
R2	-	V (AP for UNII 1~3 or UNII 2C~3 / Bridge, Mesh for UNII 3)	-	-	-	-
R3	-	-	-	V (AP for 6GHz UNII 5~8 or UNII 5/6ID Internal ant.&6SD External ant.)	-	-
R4	-	-	V (AP, for 2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8/6ID Internal ant.&6SD Internal ant.)	-	-	-
R5	-	-	-	-	V	-
R6	-	-	-	-	-	V

Note 1: The above information was declared by manufacturer.

Note 2: R means Radio

1.1.8 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR5O0964-06

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

Modifications	Performance Checking
Add external Ant.19 for Radio 2 and Radio 3 (Standard Power Access Point mode only).	1. Emission Bandwidth 2. Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) 3. Peak Power Spectral Density (E.I.R.P.) 4. Unwanted Emissions



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v03
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Brian Sun	21.7~22.4 / 59~62	Jan. 17, 2026~ Jul. 03, 2026
Radiated > 1GHz	03CH03-CB	George Fan	24.5~24.8 / 61~63	May 29, 2026~ Jul. 02, 2026
	03CH04-CB	Stim Sung	24.0~24.5 / 63~69	
	03CH05-CB	Lex Lee	23.6~24.8 / 56~57	
Radiated < 1GHz	10CH01-CB	Joe Chu	23~24 / 55~56	Jul. 17, 2026



1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Date: Before May 28, 2026

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%

Test Date: After May 27, 2026

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.9 dB	Confidence levels of 95%
Radiated Emissions below 1GHz	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.5 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.3 dB	Confidence levels of 95%
Conducted Emission	3.8 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	3.5 dB	Confidence levels of 95%
Bandwidth Measurement	1.6 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode 1: EUT (External: Ant. 19) / R3_Standard Power Access Point

Mode
802.11be EHT20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_1TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_1TX
6105MHz
6265MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz



6845MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20_Nss2,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss2,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss2,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss2,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss2,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz



6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss1,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320_Nss1,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20_Nss4,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40_Nss4,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80_Nss4,(MCS0)_4TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160_Nss4,(MCS0)_4TX
6025MHz
6185MHz



6345MHz
6665MHz
802.11be EHT320_Nss4,(MCS0)_4TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_2TX
6105MHz
6265MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5955MHz
6195MHz
6415MHz
6535MHz
6695MHz
6855MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5965MHz
6205MHz
6405MHz
6565MHz
6685MHz
6845MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX



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5985MHz
6225MHz
6385MHz
6625MHz
6705MHz
6785MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
6025MHz
6185MHz
6345MHz
6665MHz
802.11be EHT320-BF_Nss1,(MCS0)_4TX
6105MHz
6265MHz

**Mode 2: EUT (External: Ant. 19) / R3_Standard Power Access Point (MRU (puncturing))**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_1TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_1TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_1TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_1TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_1TX
6105MHz
802.11be EHT80_Nss2,(MCS0),RU484+RU242 MRU 4_2TX
5985MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484+RU242 MRU 7_2TX
6025MHz
802.11be EHT160_Nss2,(MCS0),RU996+RU484 MRU 4_2TX
6025MHz
802.11be EHT320_Nss2,(MCS0),3xRU996+RU484 MRU 8_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),3xRU996 MRU 4_2TX
6105MHz
802.11be EHT320_Nss2,(MCS0),2xRU996+RU484 MRU 6_2TX
6105MHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT320_Nss1,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss1,(MCS0),2xRU996+RU484 MRU 6_4TX
6105MHz
802.11be EHT80_Nss4,(MCS0),RU484+RU242 MRU 4_4TX
5985MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484+RU242 MRU 7_4TX
6025MHz
802.11be EHT160_Nss4,(MCS0),RU996+RU484 MRU 4_4TX
6025MHz
802.11be EHT320_Nss4,(MCS0),3xRU996+RU484 MRU 8_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),3xRU996 MRU 4_4TX
6105MHz
802.11be EHT320_Nss4,(MCS0),2xRU996+RU484 MRU 6_4TX



6105MHz

Note:

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT (External: Ant. 19) / R3_Standard Power Access Point

The Worst Case Mode for Following Conformance Tests	
Tests Item	Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions
Test Condition	Conducted measurement at transmit chains
1	EUT (External: Ant. 19) / R3_Standard Power Access Point
2	EUT (External: Ant. 19) / R3_Standard Power Access Point (MRU (puncturing))

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1. After evaluating, and the worst case axis was found as below for Unwanted Emissions above 1GHz test. So the measurement will follow this same test configuration. 2. The EUT performed testing with the following power supplied: (1) PoE(Powered from Eth0 port) (2) PoE(Powered from Eth1 port) (3) PoE(Powered from Eth0+Eth1 port) (4) Adapter "PoE(Powered from Eth0 port)" has been evaluated to be the worst case after evaluating. So the measurement will follow this same test configuration.	
1	EUT in Z axis + External: Ant. 19 / R2(5GHz)+PoE(Powered from Eth0 port)
2	EUT in Y axis + External: Ant. 19 / R3(6GHz)+PoE(Powered from Eth0 port)
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX (Cabinet)
After evaluating, and the worst case axis was found as below. So the measurement will follow this same test configuration.	
1	EUT in Y axis + External: Ant. 19 / R3(6GHz)_Standard Power Access Point
2	EUT in Y axis + External: Ant. 19 / R3(6GHz)_Standard Power Access Point (MRU (puncturing))

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT (External: Ant. 19) / R3_Standard Power Access Point
2	EUT (External: Ant. 19) / R3_Standard Power Access Point (MRU (puncturing))



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (2.4G)+BT+UWB
2	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (5G)+BT+UWB
3	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (6G)+BT+UWB
4	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (2.4G)+802.15.4+UWB
5	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (5G)+802.15.4+UWB
6	Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (6G)+802.15.4+UWB
7	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (2.4G)+BT+UWB
8	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (5G)+BT+UWB
9	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (6G)+BT+UWB
10	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (2.4G)+802.15.4+UWB
11	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (5G)+802.15.4+UWB
12	Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (6G)+802.15.4+UWB
13	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (2.4G)+BT+UWB
14	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (5G)+BT+UWB
15	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (6G)+BT+UWB
16	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (2.4G)+802.15.4+UWB
17	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (5G)+802.15.4+UWB
18	Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (6G)+802.15.4+UWB
Refer to Sporton Test Report No.: FA5O0964-13 for Co-location RF Exposure Evaluation.	

Note 1: The following test mode table is only applicable to Radio 3 and is declared by the manufacturer.

Regarding the output power, please refer to Note 2, as declared by the manufacturer.

Test Mode of Radio 3 (Standard Power Access Point)						
Test Item	802.11be EHT20/40/80/160/320					
	1T1S	2T1S	TXBF 2T1S, 4T1S	2T2S	4T1S	4T4S
Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	V	V	V	V	V	V
Emission Bandwidth	V	-	-	V	V	V
Peak Power Spectral Density (E.I.R.P.)	V	-	-	V	V	V
CSE Harmonic	V	-	-	V	V	V
Band Edge Emission	V	-	-	V	V	V



Note 2: 802.11be EHT20/40/80/160 2T1S CDD mode was covered by 802.11be EHT20/40/80/160 2T2S, due to $CDD\ 2T1S = 2T2S - (10 \cdot \log(2/1))$.

Note 3: "R" = "Radio" ; "BT" = "Bluetooth".

Note 4: The adapter and PoE are for measurement only, would not be marketed.

The information as below:

Power	Brand	Model
Adapter	Powertron	PA1045-120HB300
PoE	Microsemi	PD-9501-10GC/AC

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Bracket*1

2.5 Support Equipment

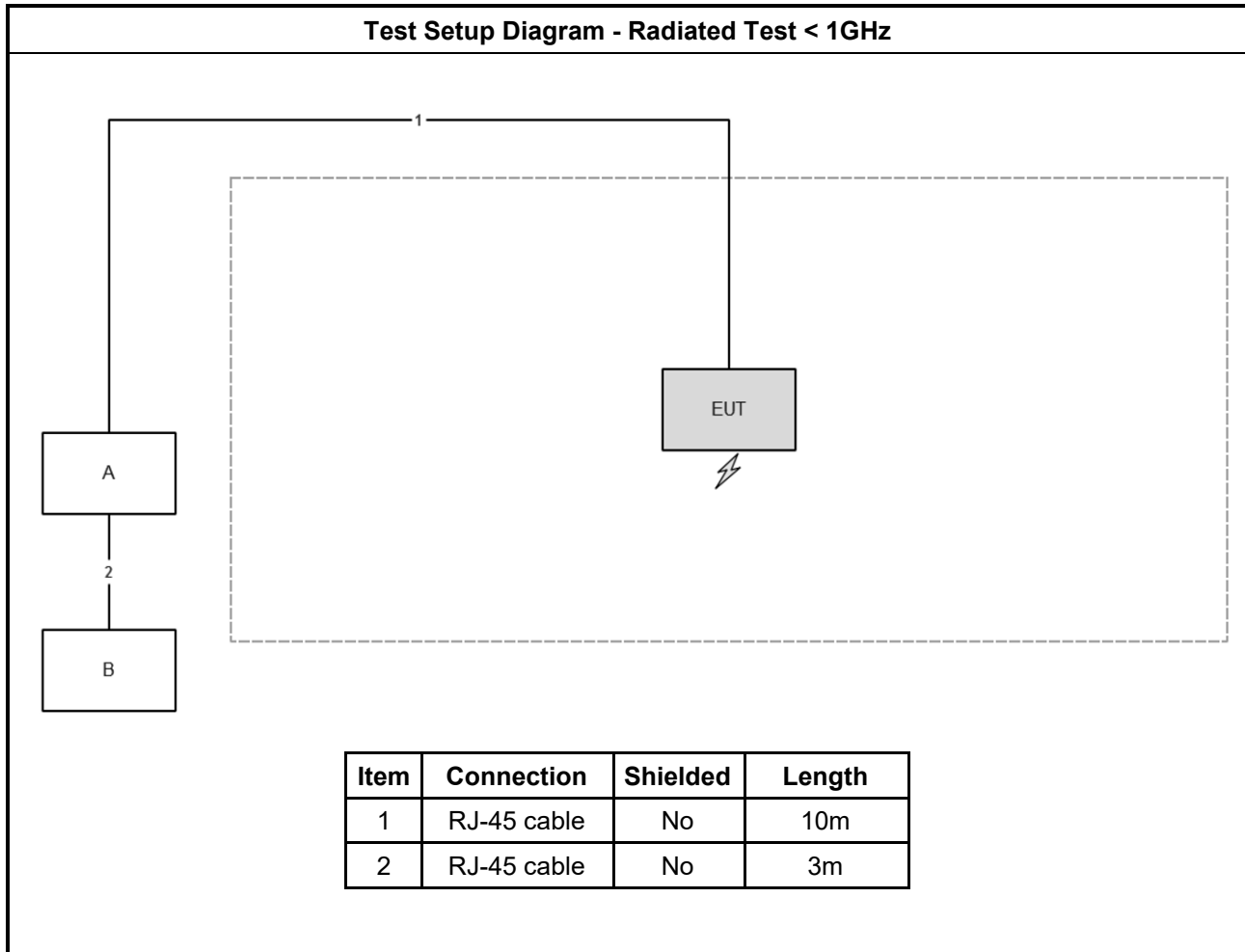
For Radiated (below 1GHz):

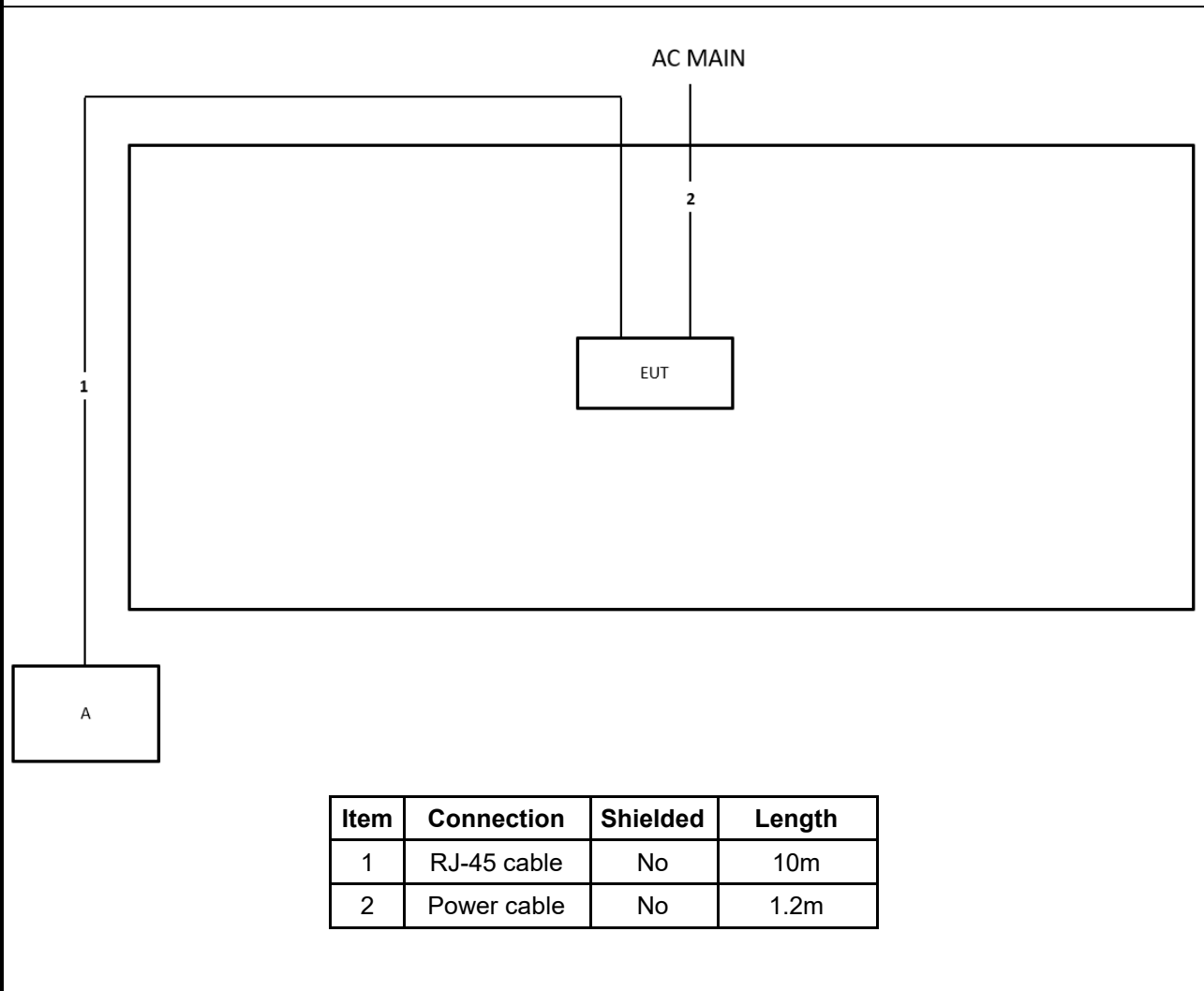
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9501-10GC/AC	N/A
B	PC	ASUS	S300TA	TX2-RTL8821CE

For RF Conducted and Radiated (above 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Adapter	Powertron	PA1045-120HB300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz


3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
☐	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☒	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☐	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.
RLAN Devices	
☐	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
☐	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
☐	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
☐	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.

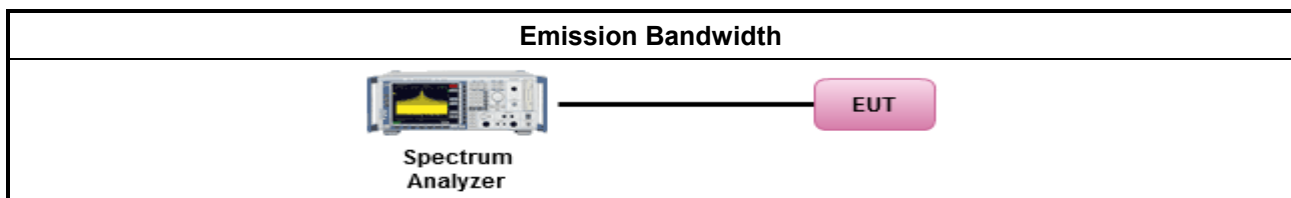
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
☒	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

Note:

The 99% OBW of BW320 should be less than 320 MHz of limit, and the other BWs less than 320 MHz of limit are 26 dB EBW.



3.2 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

3.2.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☐ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☐ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 30 dBm .
	■ For low-power client devices < 24 dBm.
	■ For very low-power devices < 14 dBm.
☐ For the 5.925 ~ 6.875 GHz band:	

- For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
- For standard client devices < 30 dBm.

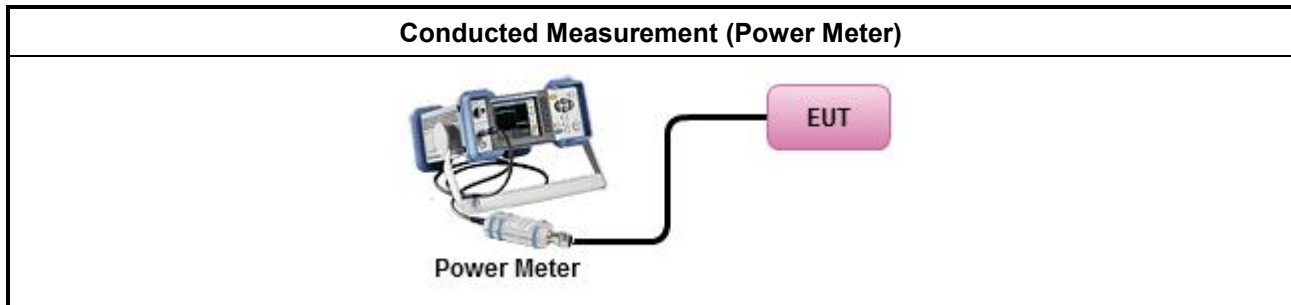
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement.	
▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	
☐ For radiated measurement.	
▪ Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. ▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Equivalent Isotopically Radiated Power (E.I.R.P)

Refer as Appendix B



3.3 Peak Power Spectral Density (E.I.R.P.)

3.3.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☐ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☐ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	■ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	■ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 5 dBm / MHz.
	■ For low-power client devices < -1 dBm / MHz.
	■ For very low-power devices < -5 dBm / MHz.
☐ For the 5.925 ~ 6.875 GHz band:	
	■ For standard-power access points & fixed client devices < 23 dBm / MHz.
	■ For standard client devices < 17 dBm / MHz.

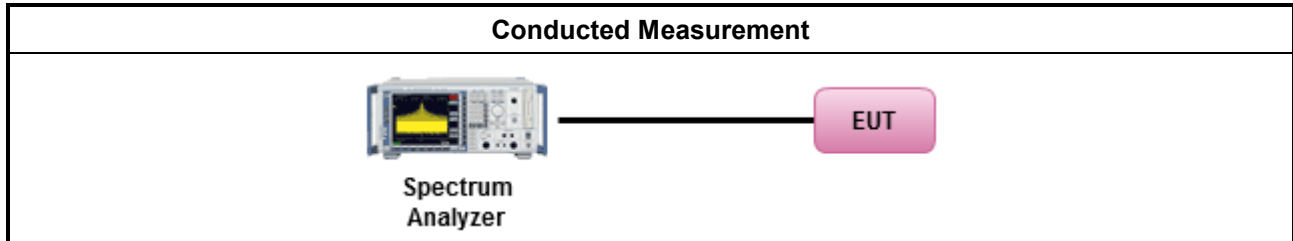


3.3.2 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐	For radiated measurement.
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.3 Test Setup



3.3.4 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

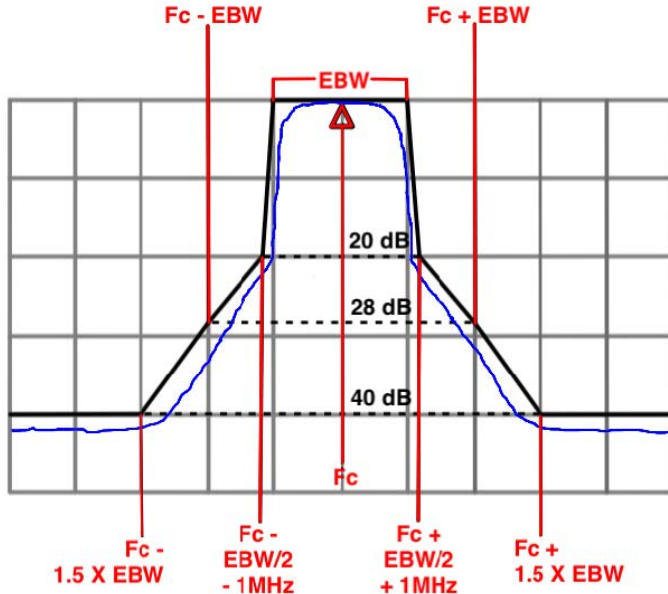
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.925 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Frequency	Emission MASK Limit
5.925 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



3.4.2 Measuring Instruments

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

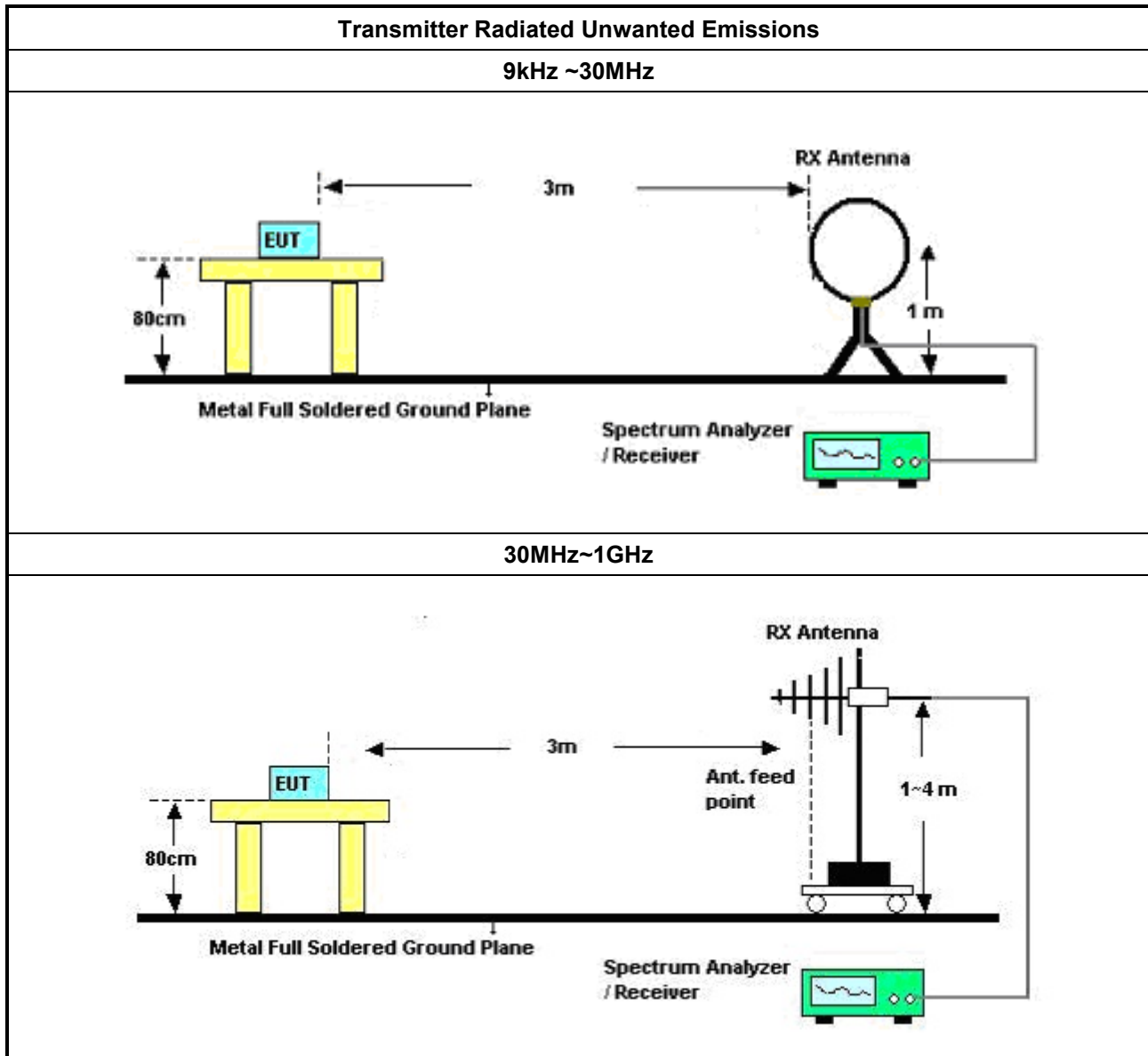
3.4.3 Test Procedures

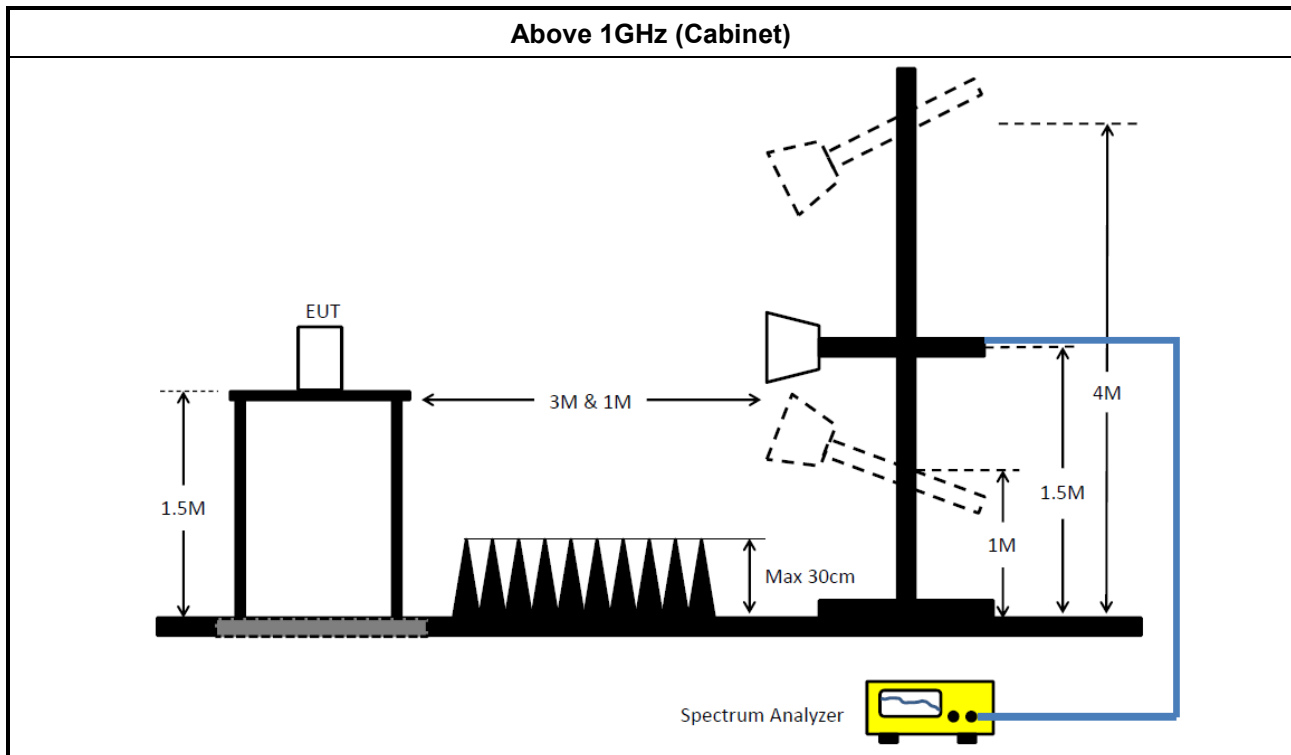
Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
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.	



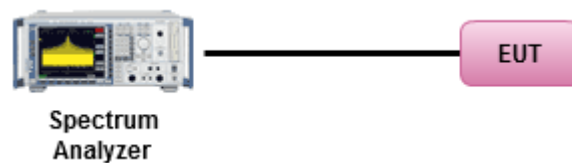
Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033 D02, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.4.4 Test Setup

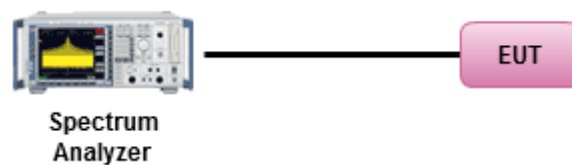




Transmitter Conducted Unwanted Emissions



Emission MASK



3.4.5 Measurement Results Calculation

The measured Level is calculated using:

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



3.4.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



3.5 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
High Cable	TITAN	T318E	High cable01	30MHz ~ 18GHz	Nov. 27, 2025	Nov. 26, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 07, 2026	Mar. 06, 2027	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 15, 2025	Oct. 14, 2026	Radiation (10CH01-CB)
Bilog Antenna with 6 dB attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 08, 2026	Jan. 07, 2027	Radiation (10CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz ~ 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESR7	103076	9 kHz ~ 7GHz	May. 22, 2026	May. 21, 2027	Radiation (10CH01-CB)
Signal Analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May. 01, 2026	Apr. 30, 2027	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH5265	20240911-1	1~ 26.5GHz	Sep. 18, 2025	Sep. 17, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 06, 2026	Feb. 05, 2027	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 13, 2026	Feb. 12, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 13, 2026	Jan. 12, 2027	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 31, 2025	Dec. 30, 2026	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Nov. 05, 2025	Nov. 04, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May. 08, 2026	May. 07, 2027	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 28, 2025	Oct. 27, 2026	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 28, 2025	Oct. 27, 2026	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 29, 2025	Aug. 28, 2026	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 29, 2025	Aug. 28, 2026	Conducted (TH02-CB)
Signal Analyzer	R&S	FSV3044	101321	9kHz ~ 44GHz	Jul. 01, 2025	Jun. 30, 2026	Conducted (TH02-CB)
Signal Analyzer	R&S	FSV3044	101878	10kHz ~ 44GHz	May 11, 2026	May 10, 2027	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH02-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1 ~ 18GHz	Sep. 10, 2025	Sep. 09, 2026	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

N.C.R. means Non-Calibration required.

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	36.3M	19.356M	19M4D1D	22.825M	19.096M
802.11be EHT20_Nss2,(MCS0)_2TX	22.605M	19.165M	19M2D1D	21.285M	19.04M
802.11be EHT20_Nss1,(MCS0)_4TX	28.38M	19.165M	19M2D1D	21.615M	19.04M
802.11be EHT20_Nss4,(MCS0)_4TX	24.2M	19.14M	19M1D1D	21.45M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	66M	38.412M	38M4D1D	47.63M	37.881M
802.11be EHT40_Nss2,(MCS0)_2TX	53.79M	37.931M	37M9D1D	40.81M	37.781M
802.11be EHT40_Nss1,(MCS0)_4TX	52.69M	37.931M	37M9D1D	40.92M	37.781M
802.11be EHT40_Nss4,(MCS0)_4TX	50.71M	37.931M	37M9D1D	40.81M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	152.68M	77.838M	77M8D1D	84.7M	77.361M
802.11be EHT80_Nss2,(MCS0)_2TX	86.02M	77.361M	77M4D1D	80.74M	77.161M
802.11be EHT80_Nss1,(MCS0)_4TX	87.12M	77.361M	77M4D1D	83.16M	77.161M
802.11be EHT80_Nss4,(MCS0)_4TX	87.12M	77.461M	77M5D1D	82.06M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	303.16M	158.087M	158MD1D	204.6M	156.722M
802.11be EHT160_Nss2,(MCS0)_2TX	315.92M	157.551M	158MD1D	163.24M	156.722M
802.11be EHT160_Nss1,(MCS0)_4TX	198.88M	156.722M	157MD1D	163.68M	156.122M
802.11be EHT160_Nss4,(MCS0)_4TX	304.92M	157.037M	157MD1D	178.64M	156.322M
802.11be EHT320_Nss1,(MCS0)_1TX	591.36M	318.688M	319MD1D	340.56M	315.842M
802.11be EHT320_Nss2,(MCS0)_2TX	633.6M	319.74M	320MD1D	325.6M	315.442M
802.11be EHT320_Nss1,(MCS0)_4TX	327.36M	316.242M	316MD1D	324.72M	315.442M
802.11be EHT320_Nss4,(MCS0)_4TX	449.68M	316.642M	317MD1D	326.48M	315.442M
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	41.69M	19.568M	19M6D1D	33.055M	19.209M
802.11be EHT20_Nss2,(MCS0)_2TX	22.88M	19.165M	19M2D1D	21.34M	19.04M
802.11be EHT20_Nss1,(MCS0)_4TX	24.2M	19.165M	19M2D1D	21.505M	19.065M
802.11be EHT20_Nss4,(MCS0)_4TX	24.2M	19.14M	19M1D1D	21.34M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	89.76M	43.052M	43M1D1D	79.75M	38.585M
802.11be EHT40_Nss2,(MCS0)_2TX	67.65M	38.081M	38M1D1D	42.24M	37.831M
802.11be EHT40_Nss1,(MCS0)_4TX	44.55M	37.931M	37M9D1D	40.37M	37.781M
802.11be EHT40_Nss4,(MCS0)_4TX	50.6M	37.881M	37M9D1D	40.81M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	199.1M	112.913M	113MD1D	188.1M	80.656M
802.11be EHT80_Nss2,(MCS0)_2TX	109.78M	77.661M	77M7D1D	85.14M	77.261M
802.11be EHT80_Nss1,(MCS0)_4TX	100.32M	77.561M	77M6D1D	82.28M	77.261M
802.11be EHT80_Nss4,(MCS0)_4TX	87.78M	77.461M	77M5D1D	81.84M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	318.12M	157.482M	157MD1D	318.12M	157.482M
802.11be EHT160_Nss2,(MCS0)_2TX	311.52M	157.398M	157MD1D	310.2M	156.913M
802.11be EHT160_Nss1,(MCS0)_4TX	291.28M	157.064M	157MD1D	199.76M	156.335M
802.11be EHT160_Nss4,(MCS0)_4TX	312.4M	157.593M	158MD1D	193.6M	156.985M

Max-N dB = Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	27.335M	19.24M						
6195MHz	Pass	320M	36.3M	19.356M						
6415MHz	Pass	320M	22.825M	19.096M						
6535MHz	Pass	320M	41.69M	19.253M						
6695MHz	Pass	320M	40.7M	19.568M						
6855MHz	Pass	320M	33.055M	19.209M						
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	58.52M	37.881M						
6205MHz	Pass	320M	66M	38.412M						
6405MHz	Pass	320M	47.63M	37.934M						
6565MHz	Pass	320M	89.76M	43.052M						
6685MHz	Pass	320M	89.65M	39.432M						
6845MHz	Pass	320M	79.75M	38.585M						
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	89.32M	77.361M						
6225MHz	Pass	320M	152.68M	77.838M						
6385MHz	Pass	320M	84.7M	77.429M						
6625MHz	Pass	320M	191.84M	112.913M						
6705MHz	Pass	320M	199.1M	86.501M						
6785MHz	Pass	320M	188.1M	80.656M						
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	204.6M	156.722M						
6185MHz	Pass	320M	303.16M	157.854M						
6345MHz	Pass	320M	292.6M	158.087M						
6665MHz	Pass	320M	318.12M	157.482M						
802.11be EHT320_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	340.56M	315.842M						
6265MHz	Pass	320M	591.36M	318.688M						
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	22.605M	19.115M	21.56M	19.165M				
6195MHz	Pass	320M	21.45M	19.065M	21.725M	19.065M				
6415MHz	Pass	320M	21.67M	19.04M	21.285M	19.065M				
6535MHz	Pass	320M	21.34M	19.115M	22M	19.165M				
6695MHz	Pass	320M	22.88M	19.04M	21.45M	19.14M				
6855MHz	Pass	320M	22M	19.065M	21.945M	19.09M				
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	53.02M	37.881M	53.79M	37.831M				
6205MHz	Pass	320M	44.11M	37.831M	42.13M	37.831M				
6405MHz	Pass	320M	40.81M	37.931M	44.66M	37.781M				
6565MHz	Pass	320M	43.67M	37.931M	50.6M	37.931M				
6685MHz	Pass	320M	42.24M	37.881M	67.65M	38.081M				
6845MHz	Pass	320M	43.12M	37.881M	44.99M	37.831M				
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	84.26M	77.261M	84.26M	77.261M				
6225MHz	Pass	320M	86.02M	77.161M	80.74M	77.161M				
6385MHz	Pass	320M	82.72M	77.361M	82.28M	77.261M				
6625MHz	Pass	320M	109.78M	77.661M	102.96M	77.461M				
6705MHz	Pass	320M	88M	77.361M	95.26M	77.661M				
6785MHz	Pass	320M	85.14M	77.461M	86.24M	77.261M				
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	163.24M	156.722M	163.68M	156.722M				
6185MHz	Pass	320M	297.88M	157.151M	315.92M	157.005M				
6345MHz	Pass	320M	282.48M	156.83M	303.16M	157.551M				
6665MHz	Pass	320M	310.2M	156.913M	311.52M	157.398M				

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT320_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	325.6M	315.842M	325.6M	315.442M				
6265MHz	Pass	320M	624.8M	318.827M	633.6M	319.74M				
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	25.355M	19.14M	22.055M	19.065M	28.38M	19.065M	21.67M	19.065M
6195MHz	Pass	320M	21.615M	19.14M	23.43M	19.04M	22.275M	19.09M	22.385M	19.09M
6415MHz	Pass	320M	22.11M	19.09M	22.55M	19.115M	21.835M	19.165M	22.605M	19.09M
6535MHz	Pass	320M	22.055M	19.165M	21.945M	19.09M	21.615M	19.09M	22.88M	19.065M
6695MHz	Pass	320M	23.87M	19.115M	22.385M	19.14M	21.505M	19.115M	22.385M	19.09M
6855MHz	Pass	320M	21.615M	19.065M	21.615M	19.065M	24.2M	19.065M	23.87M	19.115M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	52.69M	37.881M	40.92M	37.831M	43.01M	37.781M	48.51M	37.881M
6205MHz	Pass	320M	44.66M	37.831M	48.29M	37.781M	42.9M	37.781M	44.33M	37.831M
6405MHz	Pass	320M	42.46M	37.831M	41.03M	37.781M	42.57M	37.831M	49.06M	37.931M
6565MHz	Pass	320M	42.13M	37.881M	42.35M	37.831M	44.55M	37.881M	44.44M	37.831M
6685MHz	Pass	320M	42.02M	37.881M	40.37M	37.781M	43.01M	37.831M	42.02M	37.831M
6845MHz	Pass	320M	41.25M	37.831M	41.14M	37.931M	40.92M	37.831M	40.59M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	86.24M	77.361M	87.12M	77.261M	83.16M	77.161M	85.8M	77.261M
6225MHz	Pass	320M	85.8M	77.361M	84.04M	77.361M	85.36M	77.361M	86.46M	77.361M
6385MHz	Pass	320M	86.24M	77.361M	86.24M	77.361M	85.36M	77.361M	85.14M	77.261M
6625MHz	Pass	320M	97.02M	77.261M	82.72M	77.261M	96.58M	77.361M	97.68M	77.361M
6705MHz	Pass	320M	97.9M	77.361M	82.28M	77.461M	86.68M	77.261M	96.36M	77.261M
6785MHz	Pass	320M	86.24M	77.561M	84.26M	77.361M	82.5M	77.361M	100.32M	77.561M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	173.36M	156.522M	173.8M	156.722M	189.2M	156.722M	187.88M	156.722M
6185MHz	Pass	320M	185.24M	156.522M	174.68M	156.122M	193.16M	156.322M	198.88M	156.522M
6345MHz	Pass	320M	169.4M	156.522M	179.08M	156.522M	163.68M	156.522M	174.24M	156.322M
6665MHz	Pass	320M	205.92M	156.633M	199.76M	156.335M	291.28M	157.064M	207.68M	156.675M
802.11be EHT320_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	326.48M	315.442M	325.6M	315.842M	324.72M	315.442M	327.36M	315.442M
6265MHz	Pass	320M	326.48M	316.242M	325.6M	316.242M	325.6M	315.842M	324.72M	316.242M
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320M	24.2M	19.09M	22.22M	19.09M	22M	19.065M	21.45M	19.04M
6195MHz	Pass	320M	23.32M	19.09M	23.87M	19.09M	22.055M	19.065M	22.77M	19.09M
6415MHz	Pass	320M	23.76M	19.09M	23.045M	19.14M	23.87M	19.115M	21.67M	19.09M
6535MHz	Pass	320M	23.705M	19.115M	23.65M	19.09M	22.66M	19.14M	24.2M	19.09M
6695MHz	Pass	320M	22.99M	19.065M	22.22M	19.09M	22M	19.09M	22.055M	19.065M
6855MHz	Pass	320M	21.45M	19.09M	21.34M	19.115M	22.055M	19.09M	21.67M	19.115M
802.11be EHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320M	45.54M	37.781M	50.71M	37.831M	45.76M	37.831M	42.68M	37.831M
6205MHz	Pass	320M	44.55M	37.881M	43.78M	37.831M	42.9M	37.881M	43.01M	37.881M
6405MHz	Pass	320M	40.81M	37.831M	44.44M	37.881M	42.57M	37.831M	45.65M	37.931M
6565MHz	Pass	320M	44.44M	37.781M	45.54M	37.881M	40.81M	37.831M	42.57M	37.881M
6685MHz	Pass	320M	41.03M	37.831M	50.6M	37.781M	41.36M	37.831M	42.24M	37.781M
6845MHz	Pass	320M	45.1M	37.831M	44.22M	37.831M	44.11M	37.881M	44M	37.781M
802.11be EHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320M	85.36M	77.361M	87.12M	77.261M	84.92M	77.361M	85.58M	77.361M
6225MHz	Pass	320M	84.48M	77.161M	85.58M	77.461M	84.48M	77.361M	86.46M	77.361M
6385MHz	Pass	320M	86.68M	77.261M	86.02M	77.461M	84.48M	77.361M	82.06M	77.361M
6625MHz	Pass	320M	84.7M	77.361M	81.84M	77.361M	85.14M	77.461M	85.14M	77.361M
6705MHz	Pass	320M	85.14M	77.261M	84.7M	77.261M	87.12M	77.261M	84.48M	77.261M
6785MHz	Pass	320M	87.78M	77.361M	87.12M	77.461M	84.7M	77.361M	84.26M	77.461M
802.11be EHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320M	185.24M	156.522M	189.2M	156.922M	198M	156.722M	195.36M	156.522M
6185MHz	Pass	320M	251.24M	157.027M	188.76M	156.853M	304.92M	157.037M	208.56M	156.736M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6345MHz	Pass	320M	178.64M	156.522M	187.44M	156.322M	190.08M	156.522M	191.84M	156.322M
6665MHz	Pass	320M	193.6M	157.14M	198.44M	157.074M	312.4M	157.593M	194.04M	156.985M
802.11be EHT320_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6105MHz	Pass	320M	326.48M	316.242M	343.2M	316.242M	449.68M	315.842M	428.56M	315.442M
6265MHz	Pass	320M	412.72M	316.642M	416.24M	315.442M	419.76M	315.842M	417.12M	315.442M

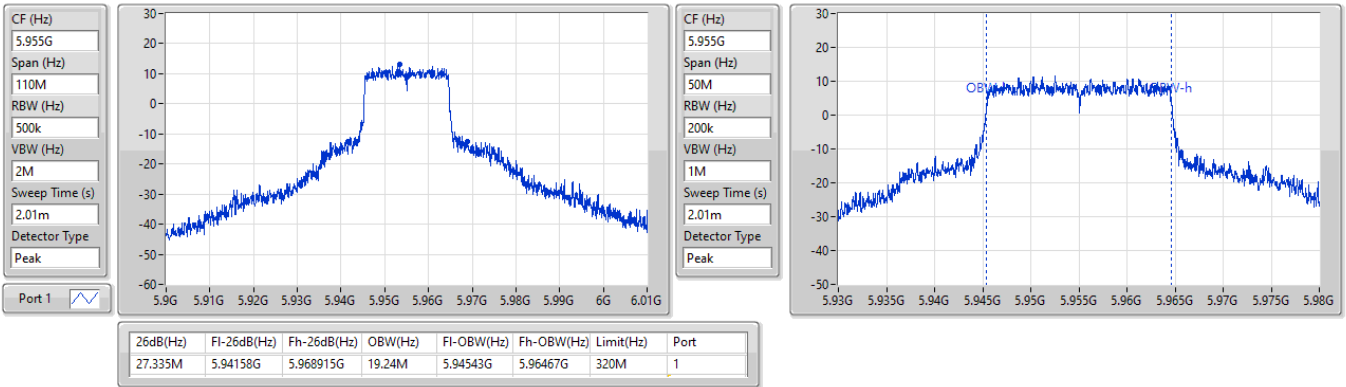
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5955MHz

29/01/2026

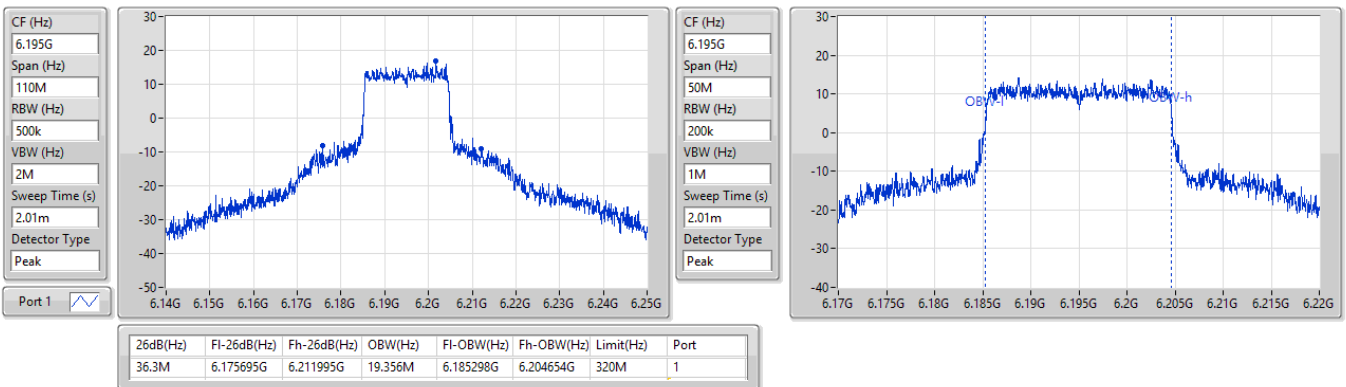


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

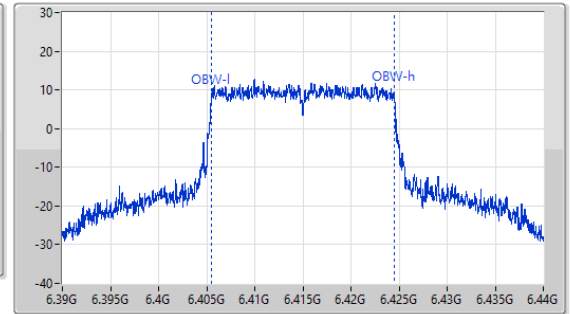
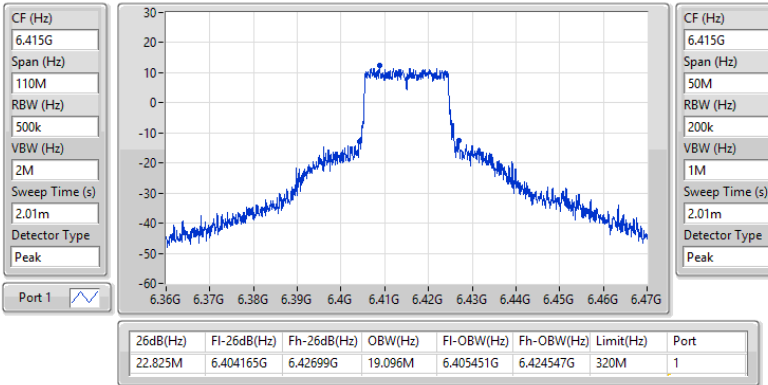
6195MHz

17/01/2026

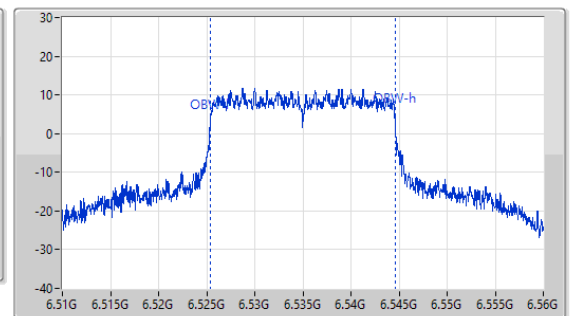
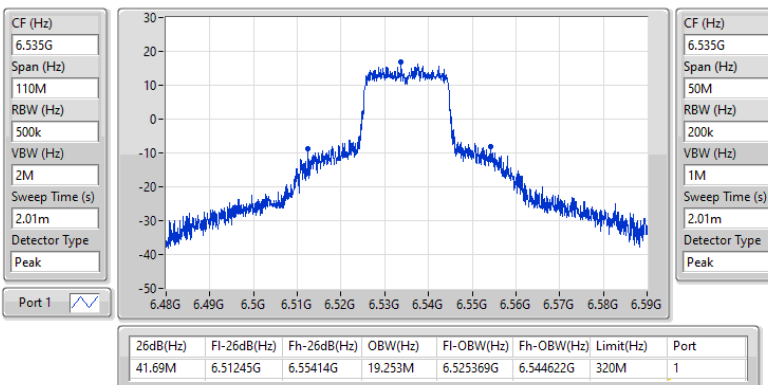


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6415MHz

17/01/2026

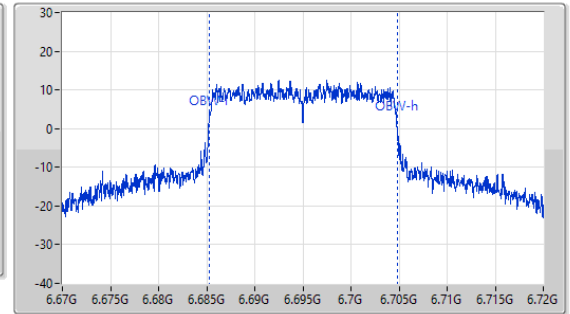
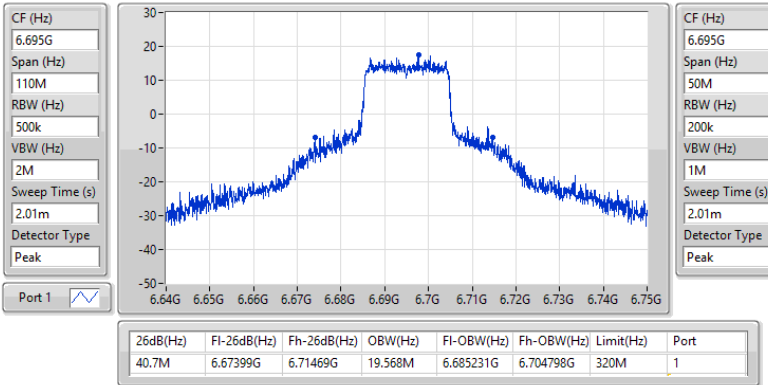

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6535MHz

21/05/2026

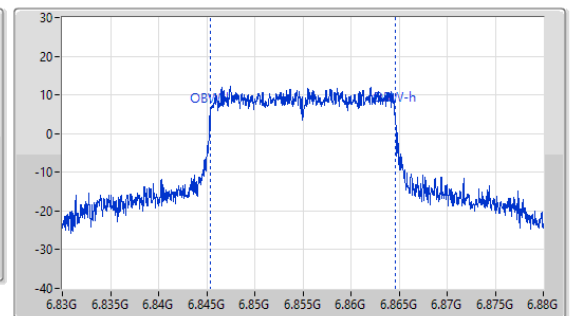
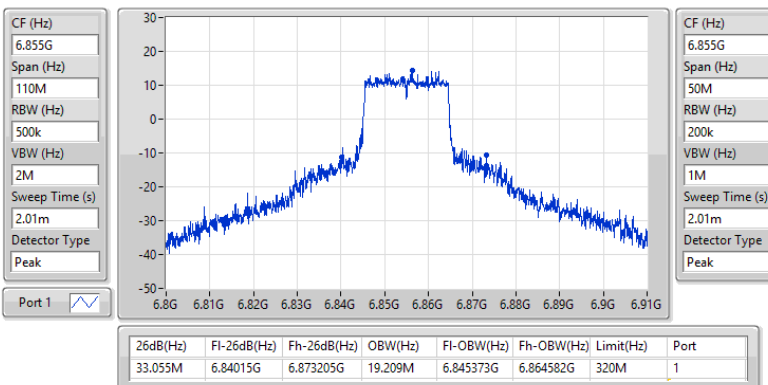


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6695MHz

17/01/2026

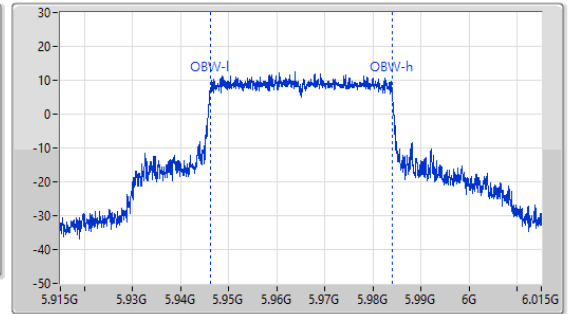
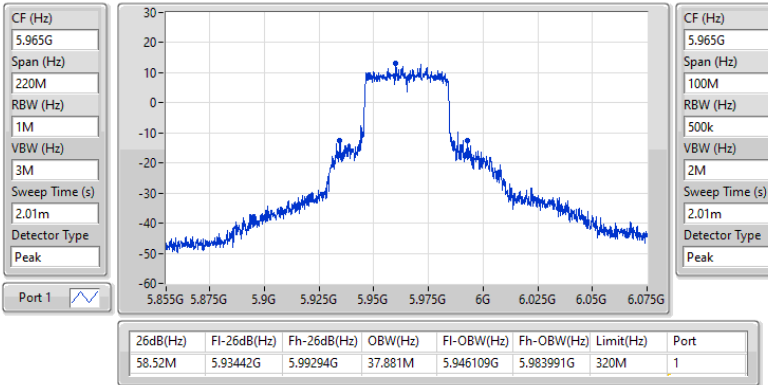

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
6855MHz

17/01/2026

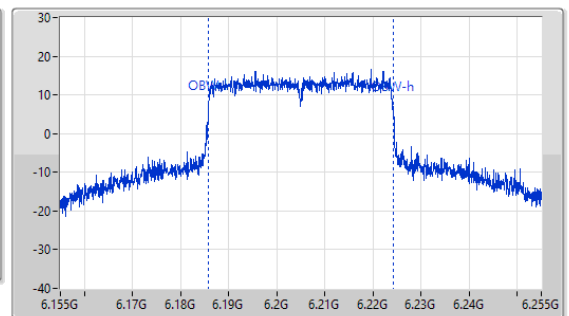
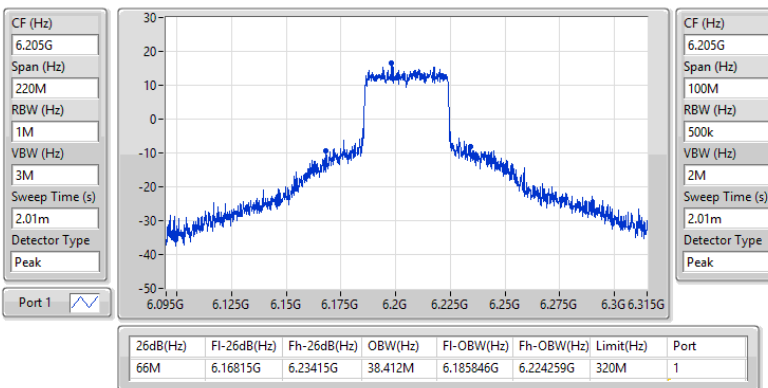


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5965MHz

29/01/2026

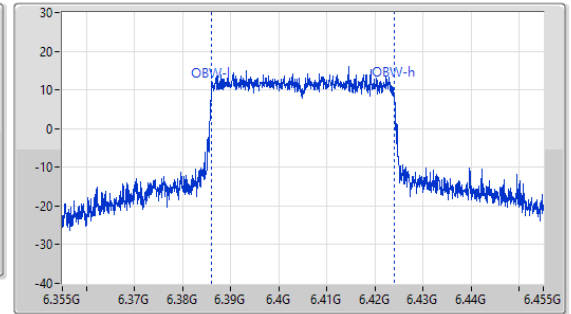
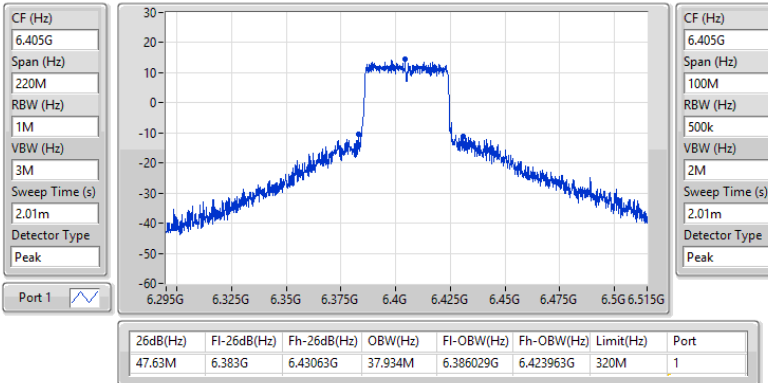

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6205MHz

17/01/2026

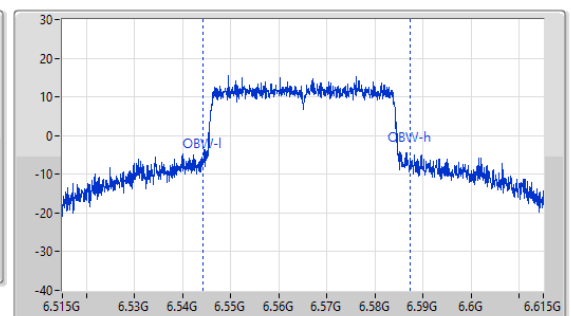
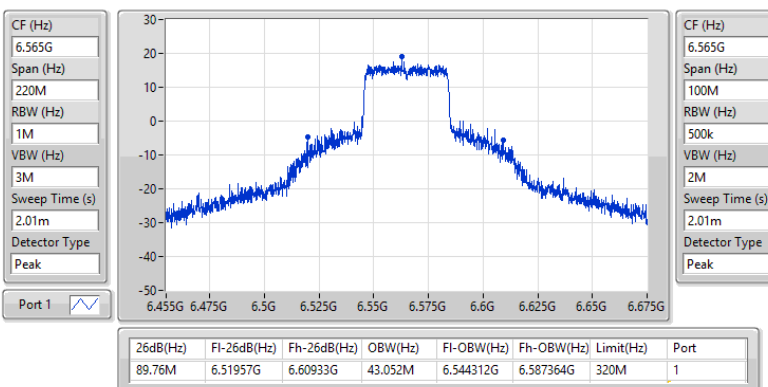


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6405MHz

17/01/2026

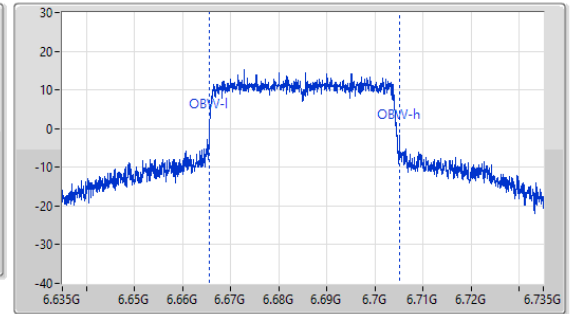
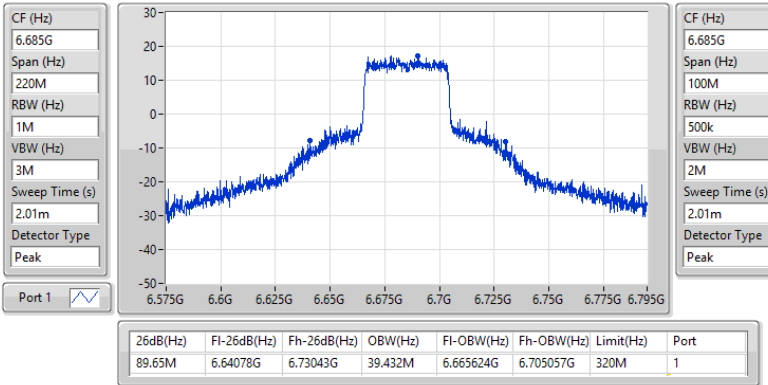

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6565MHz

17/01/2026

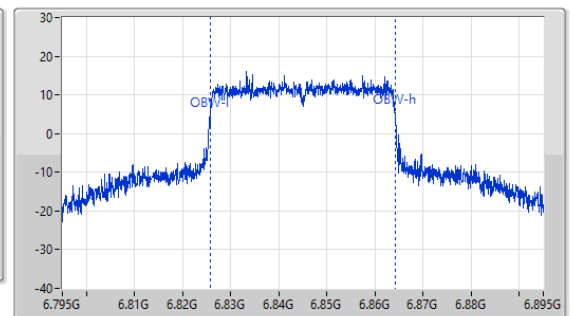
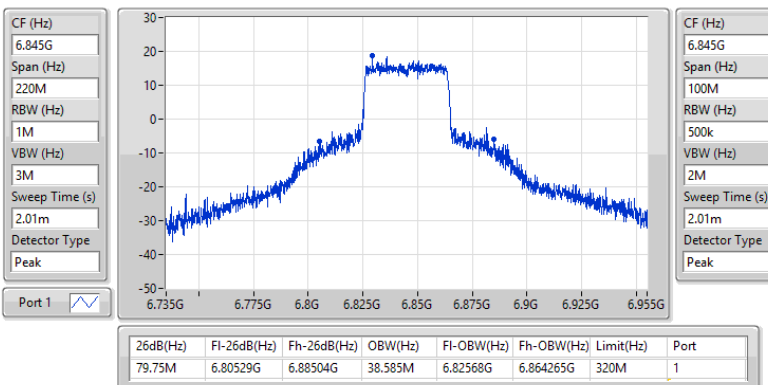


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6685MHz

17/01/2026

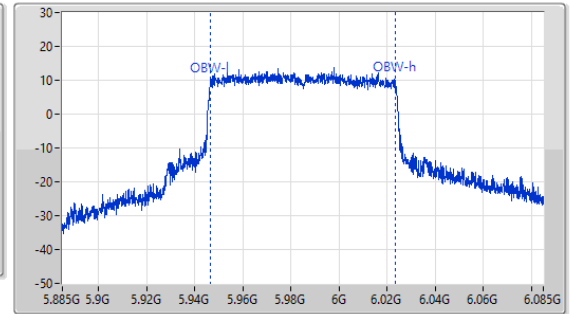
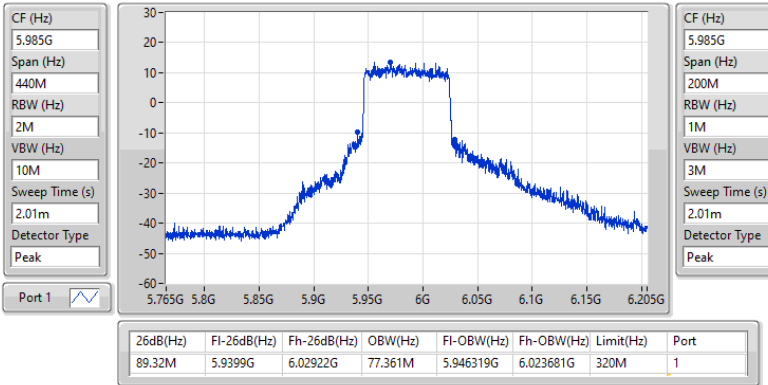

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
6845MHz

17/01/2026

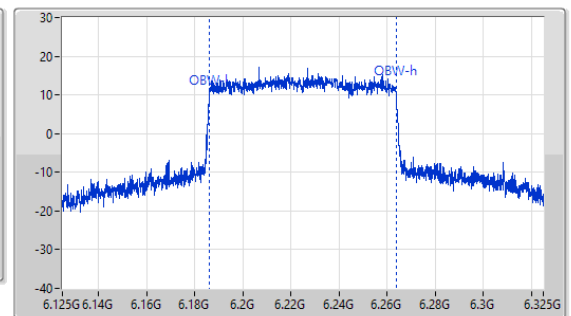
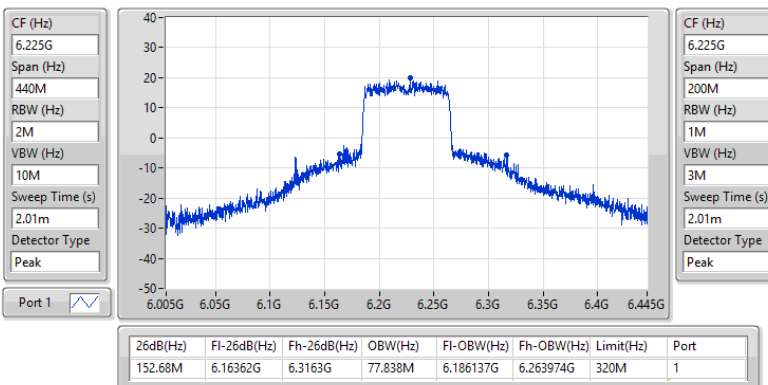


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
5985MHz

29/01/2026

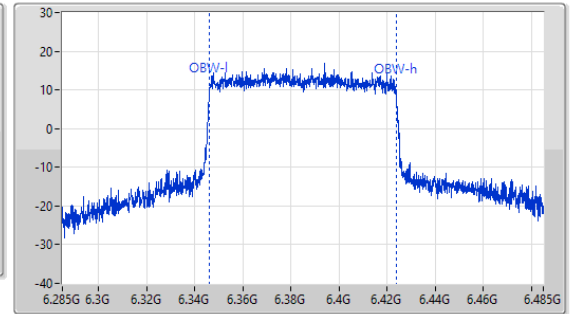
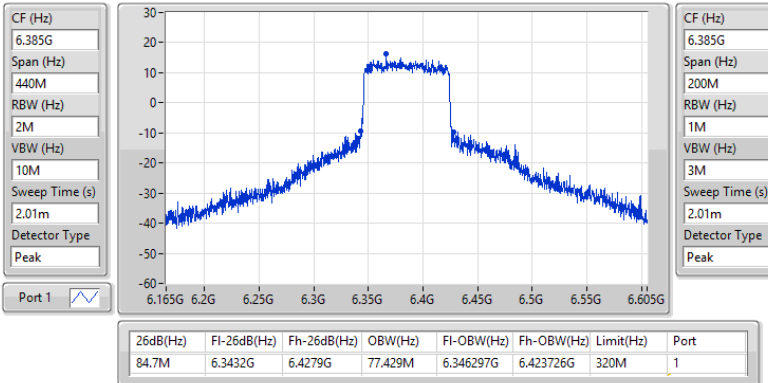

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6225MHz

17/01/2026

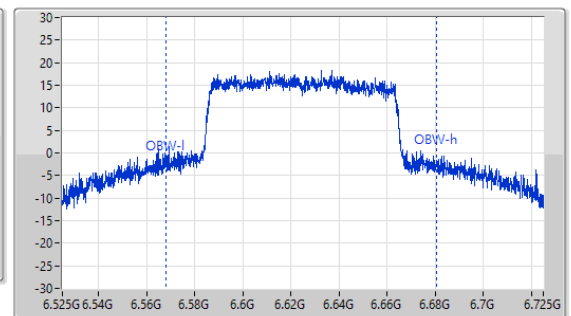
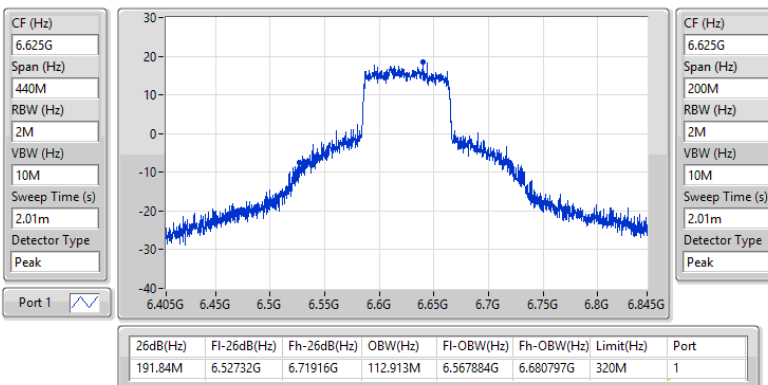


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6385MHz

17/01/2026

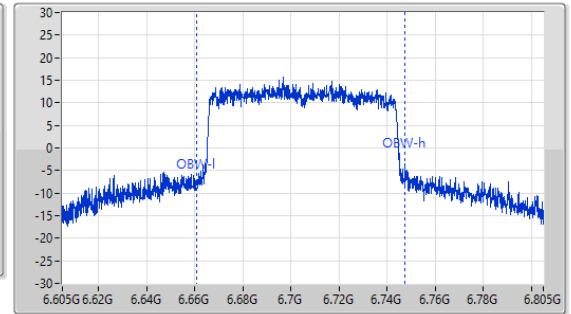
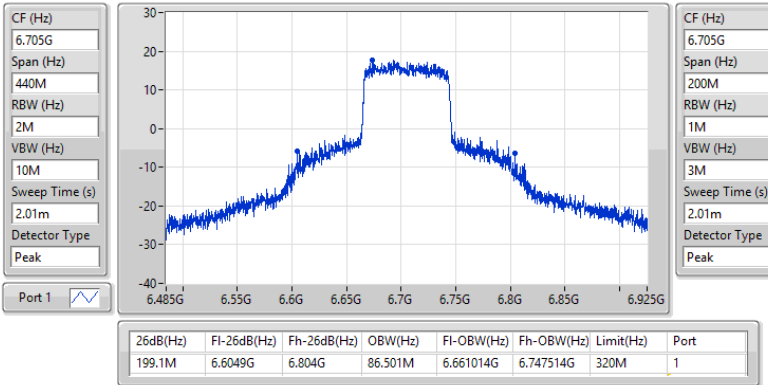

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6625MHz

17/01/2026

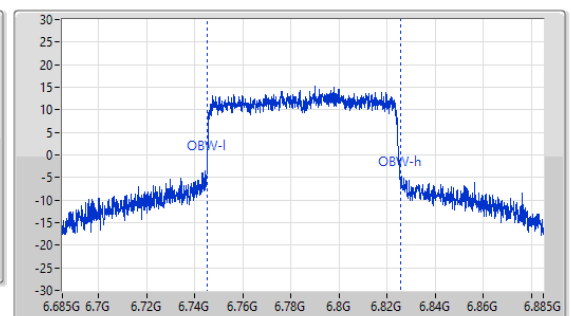
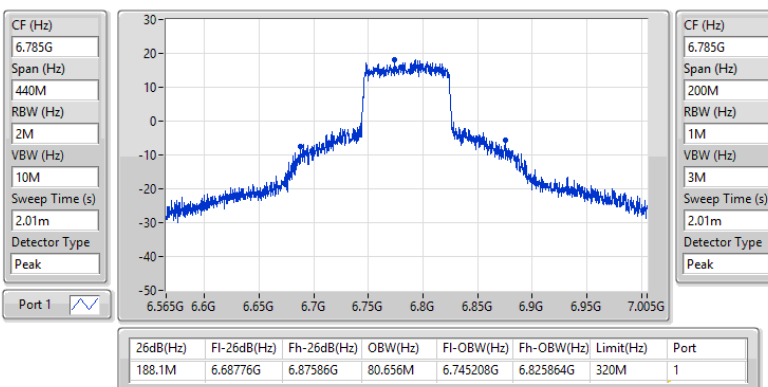


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6705MHz

17/01/2026

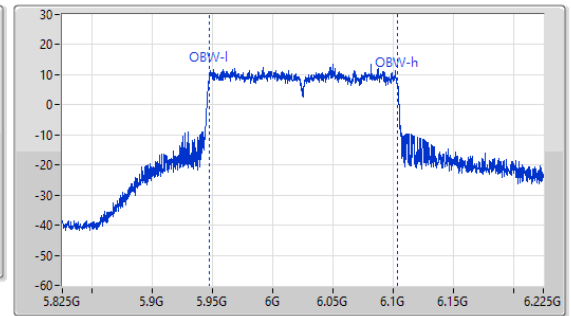
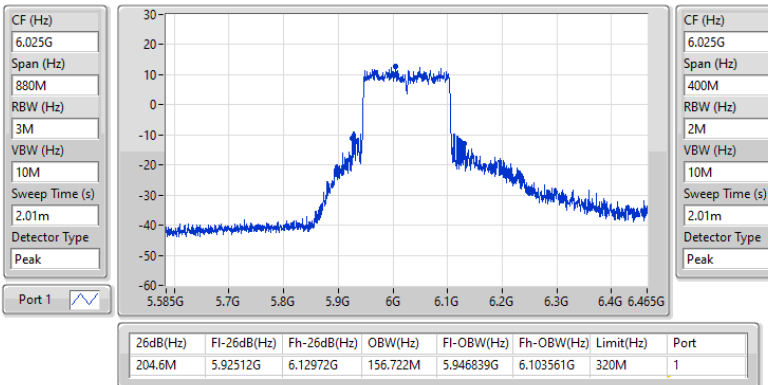

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX
EBW
6785MHz

17/01/2026

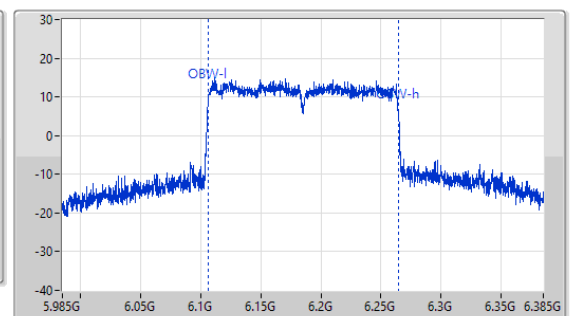
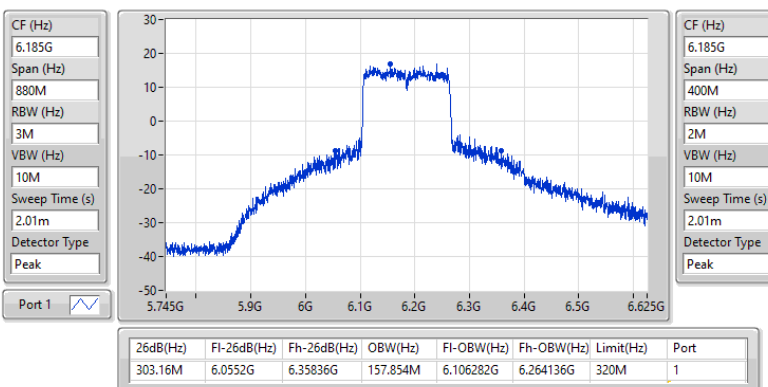


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6025MHz

29/01/2026

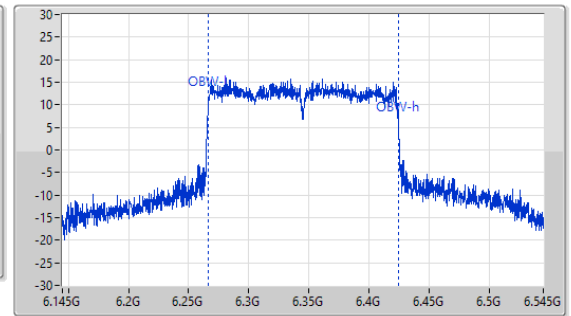
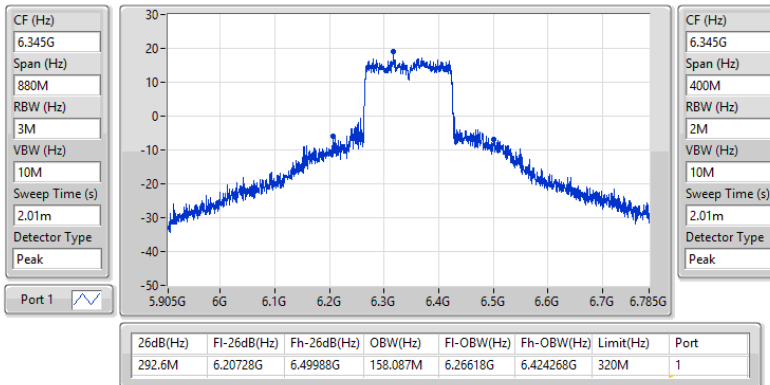

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6185MHz

19/01/2026

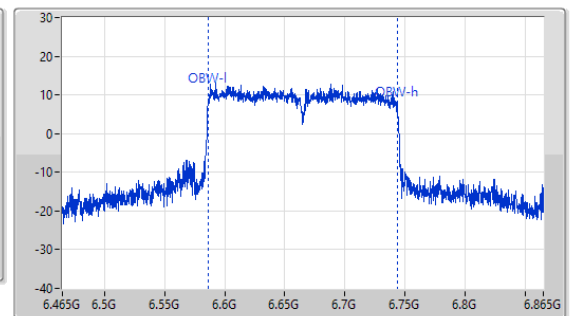
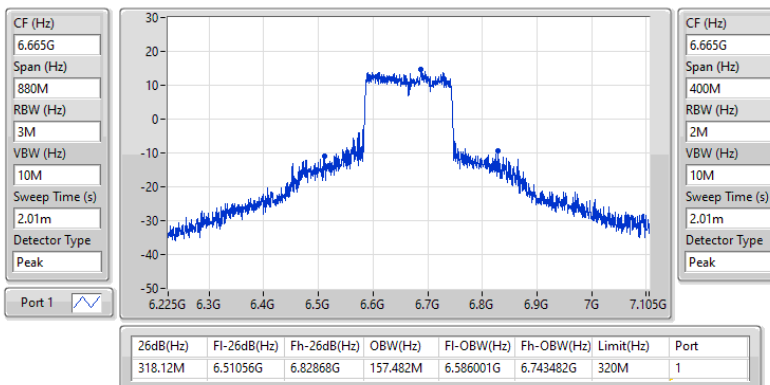


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6345MHz

17/01/2026


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX
EBW
6665MHz

19/01/2026

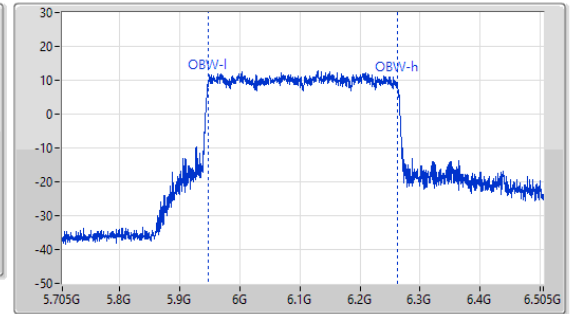
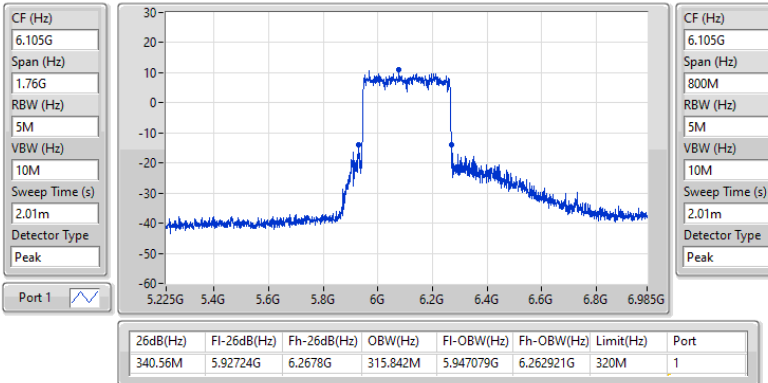


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

6105MHz

29/01/2026

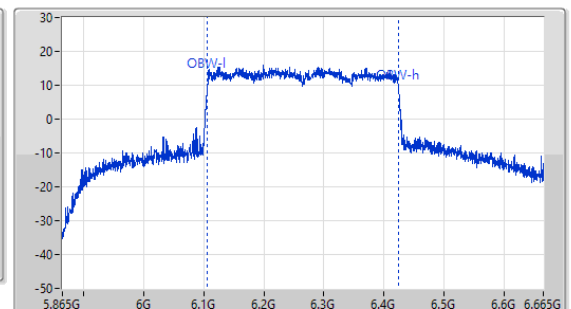
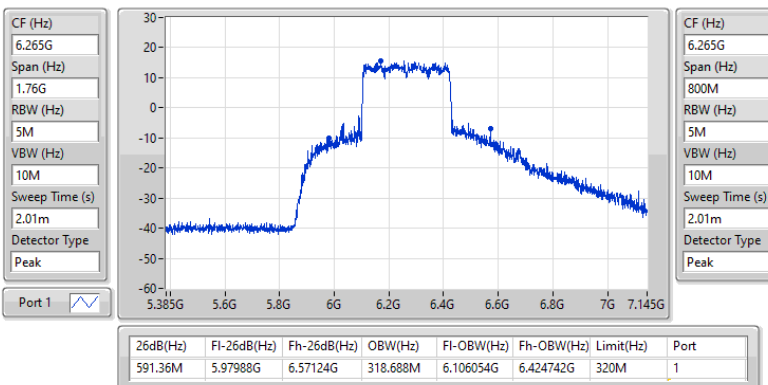


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX

EBW

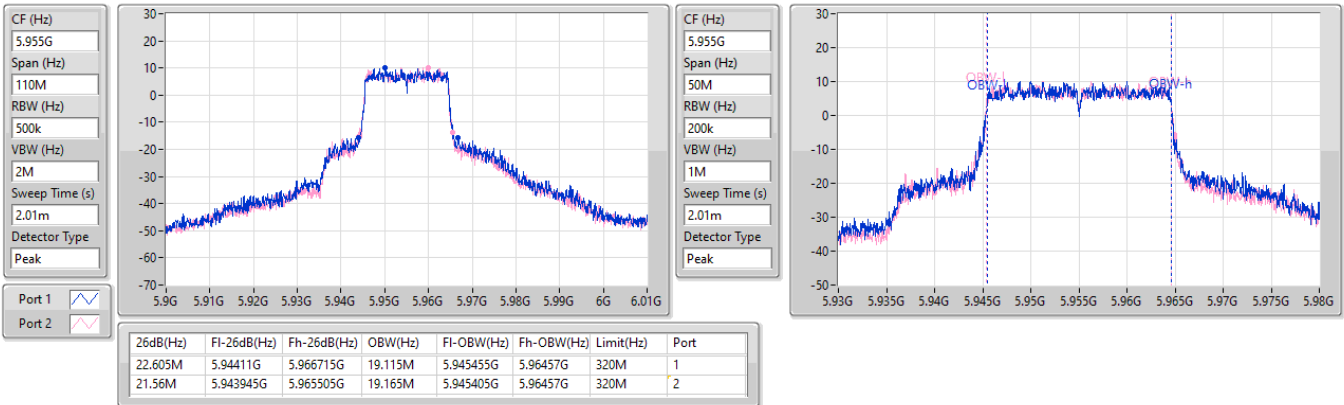
6265MHz

21/05/2026

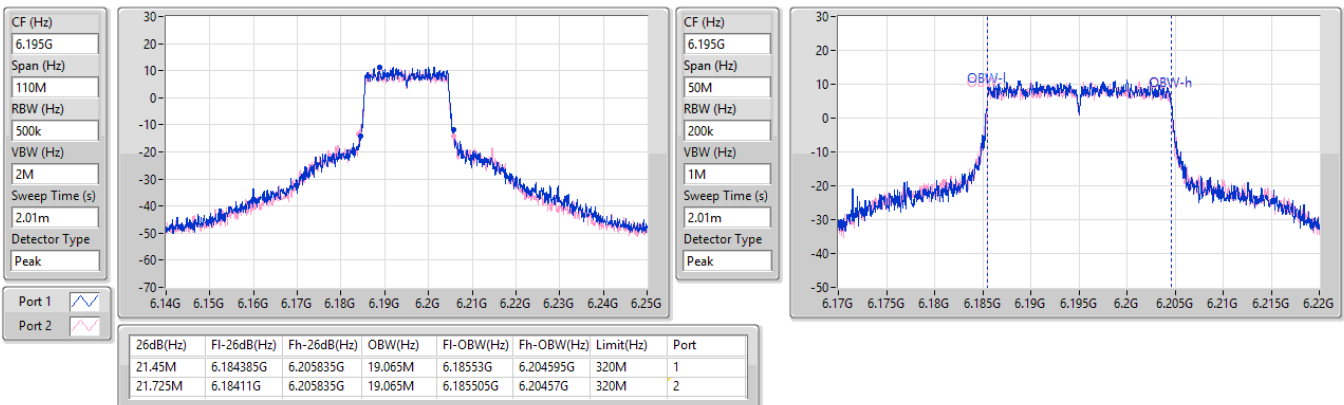


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
5955MHz

29/01/2026

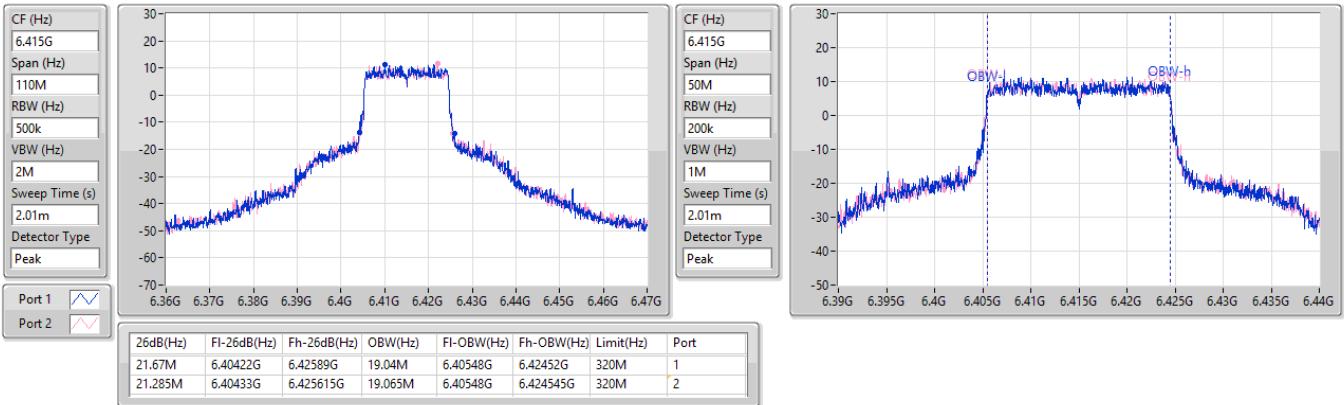

5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6195MHz

21/01/2026

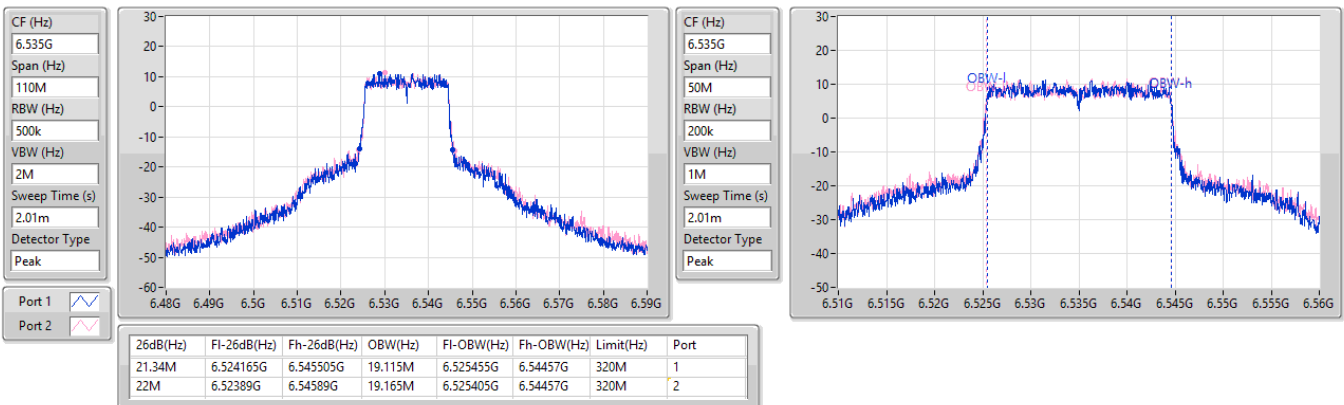


5.925-6.425GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6415MHz

21/01/2026

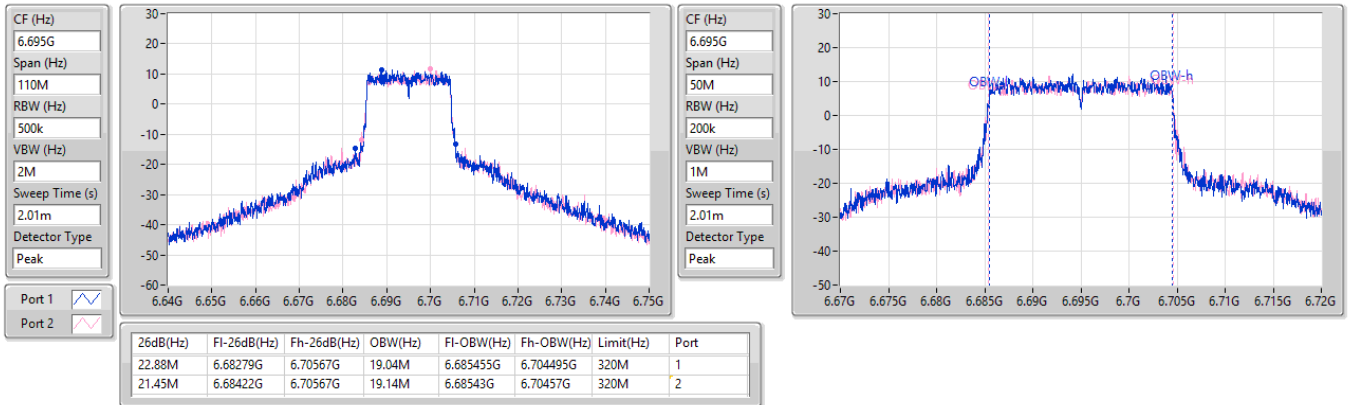

6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6535MHz

21/01/2026

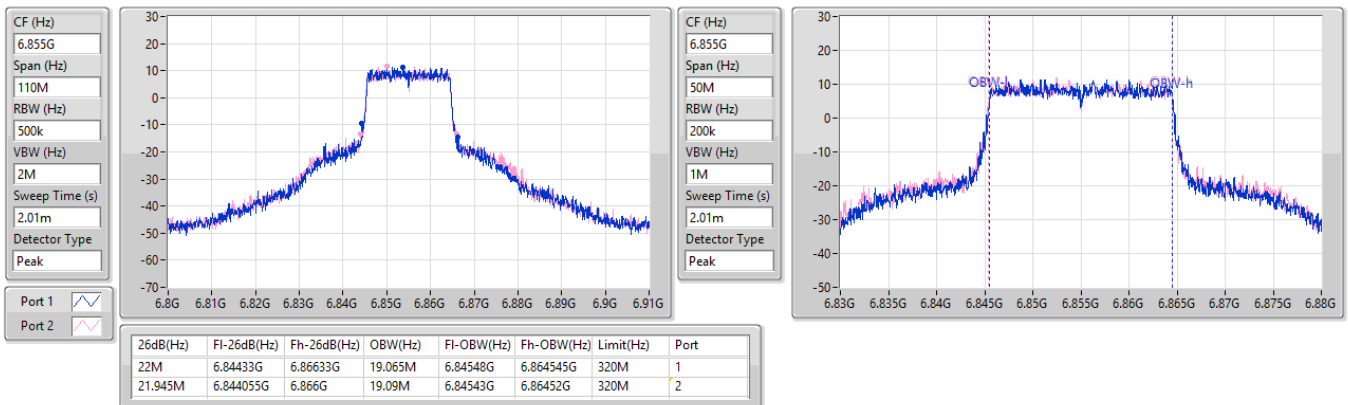


6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6695MHz

21/01/2026

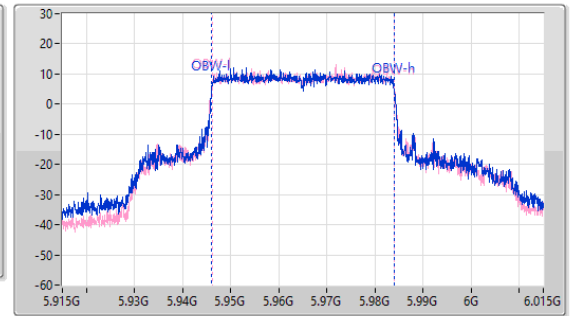
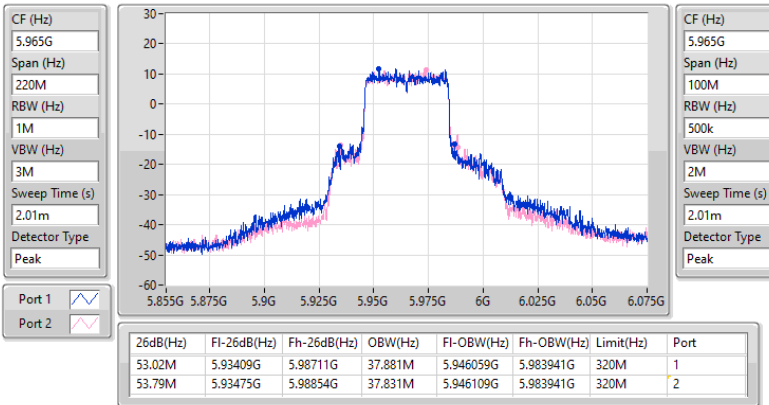

6.525-6.875GHz_802.11be EHT20_Nss2,(MCS0)_2TX
EBW
6855MHz

21/01/2026

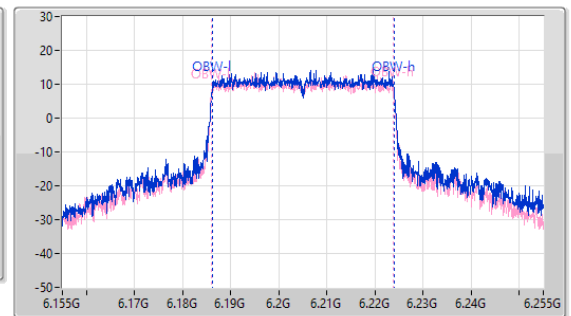
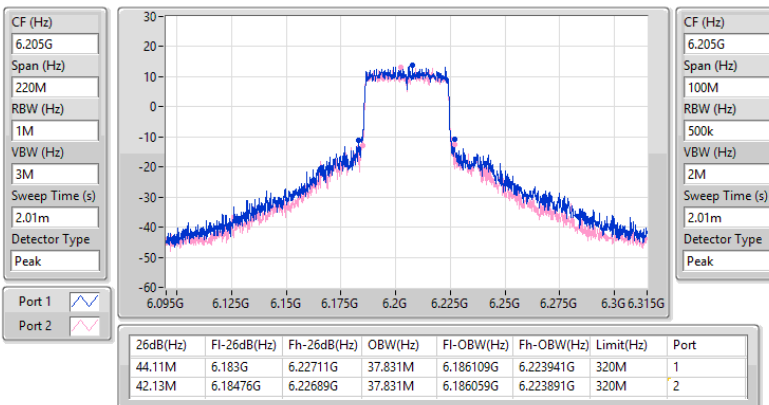


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
5965MHz

29/01/2026

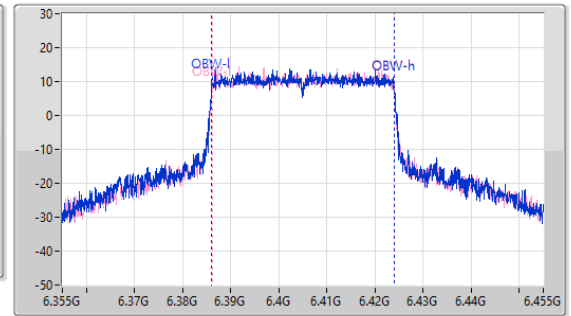
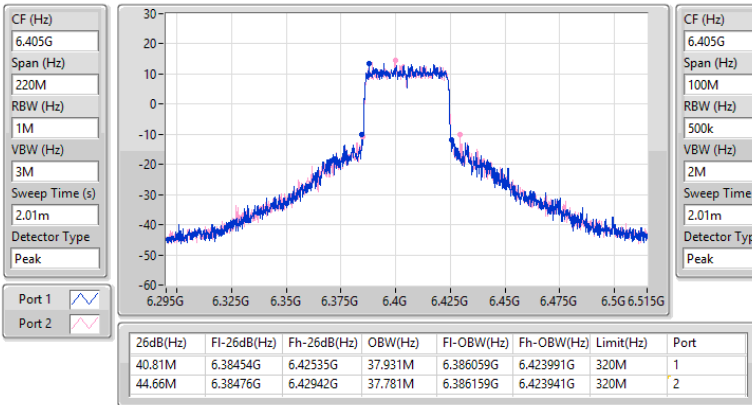

5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6205MHz

21/01/2026

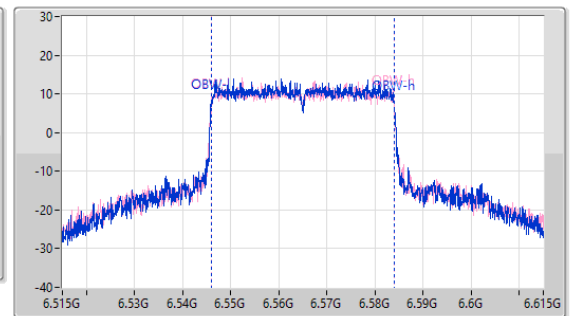
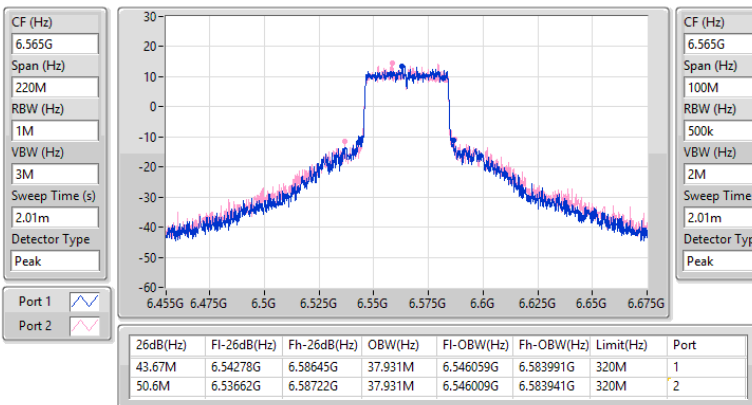


5.925-6.425GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6405MHz

21/01/2026

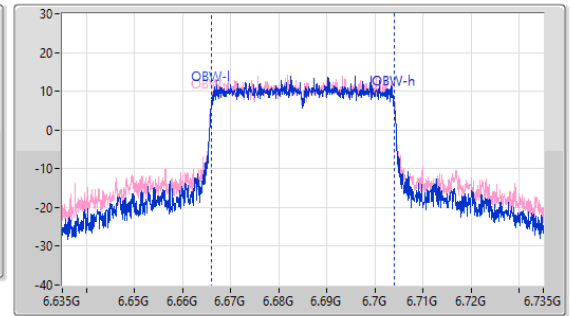
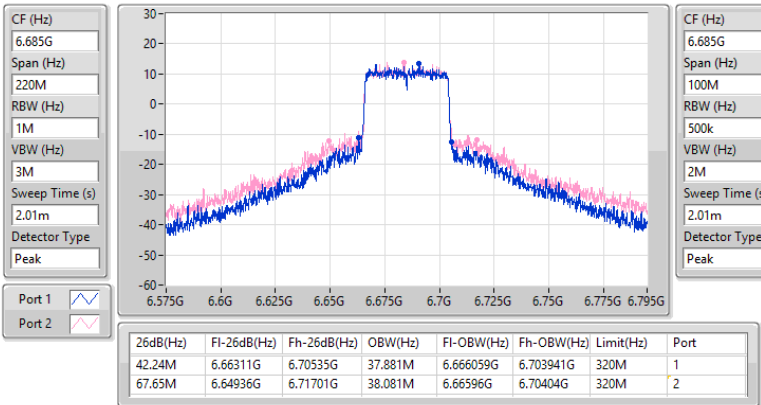

6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6565MHz

21/01/2026

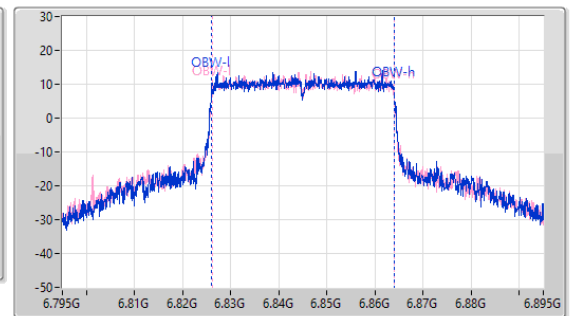
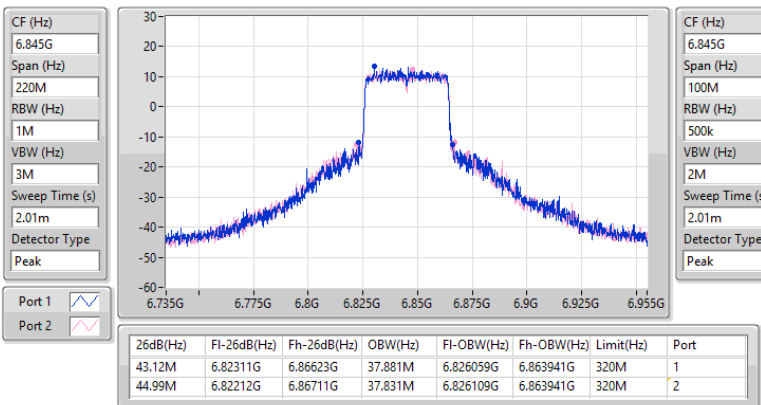


6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6685MHz

21/01/2026

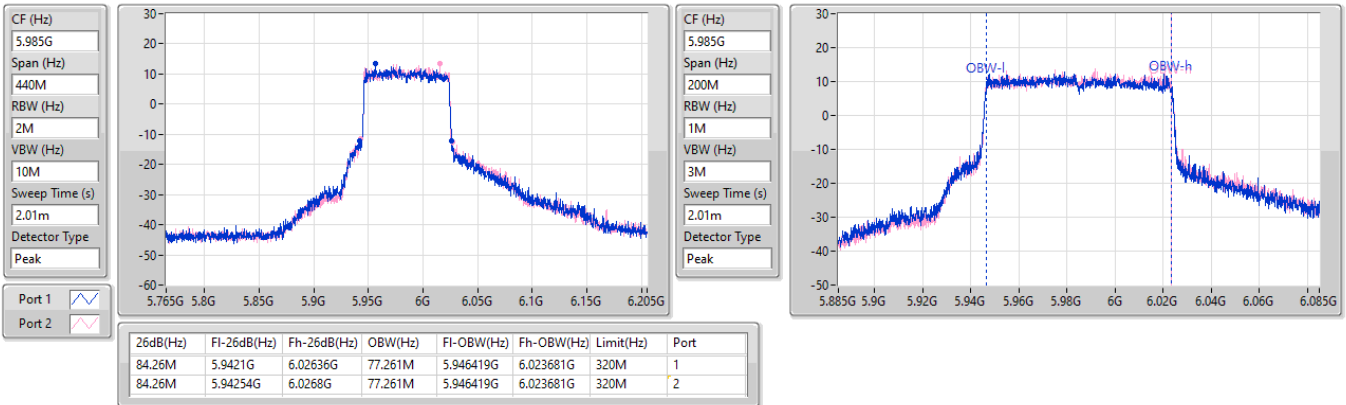

6.525-6.875GHz_802.11be EHT40_Nss2,(MCS0)_2TX
EBW
6845MHz

21/01/2026

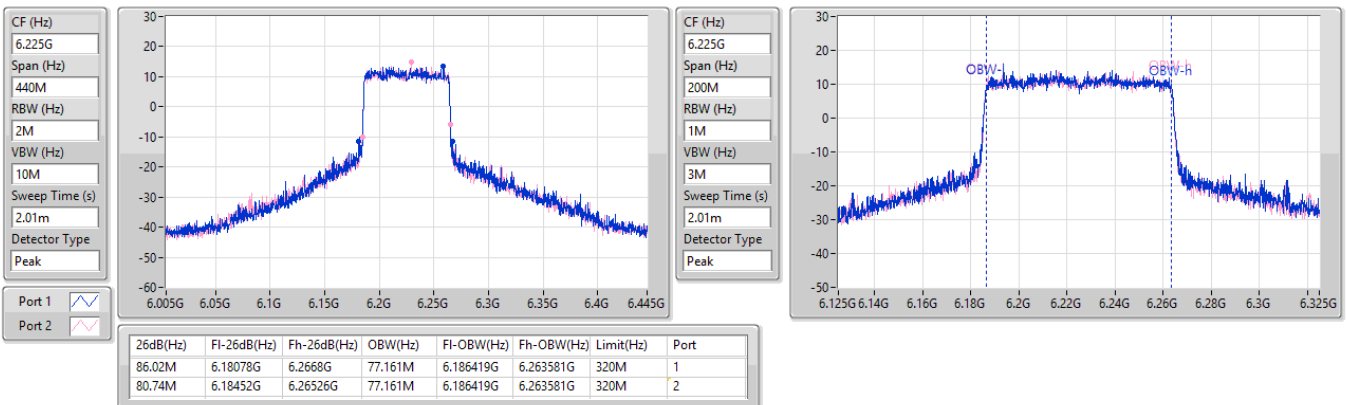


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
5985MHz

29/01/2026

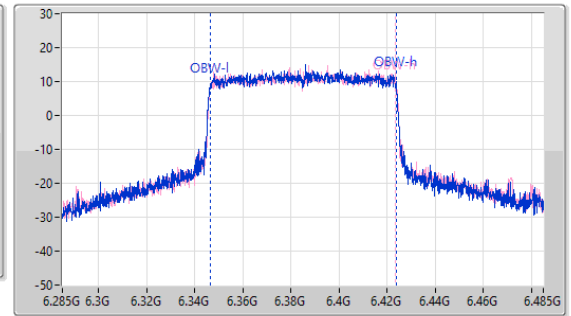
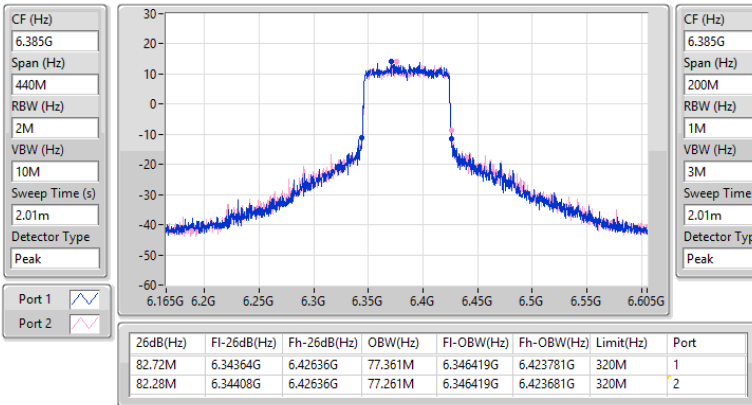

5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6225MHz

21/01/2026

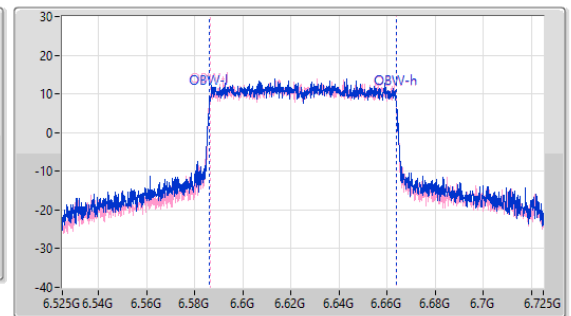
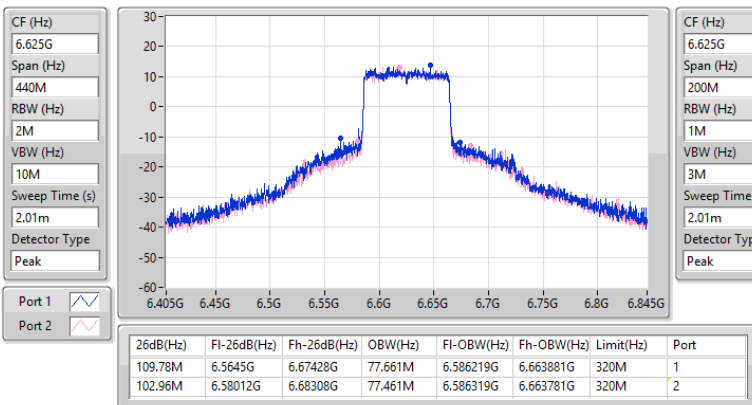


5.925-6.425GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6385MHz

21/01/2026

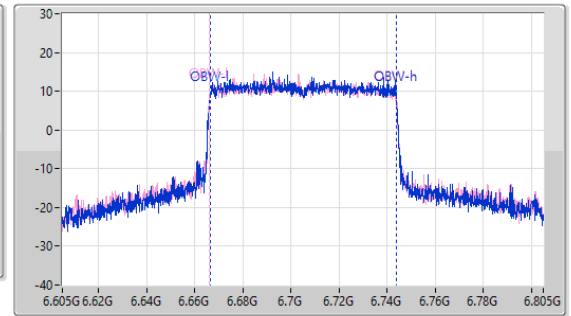
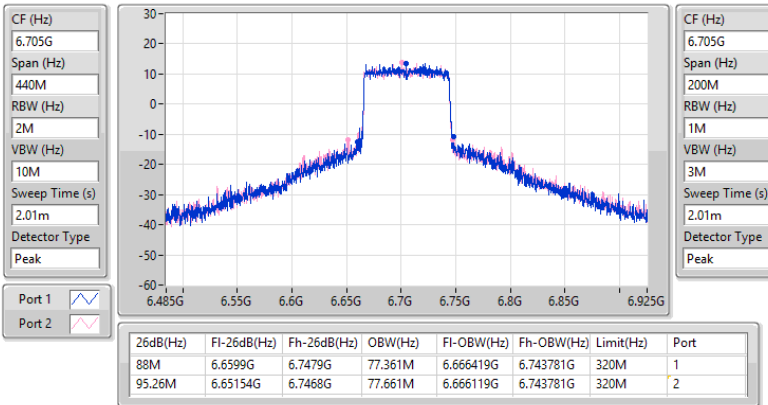

6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6625MHz

21/01/2026

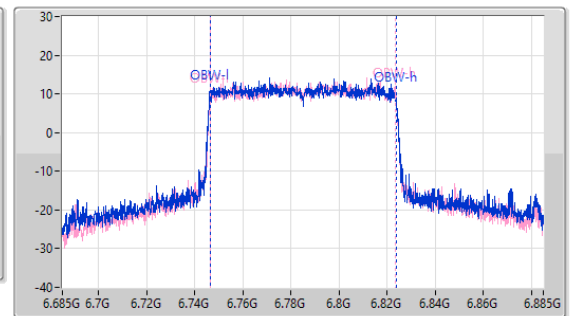
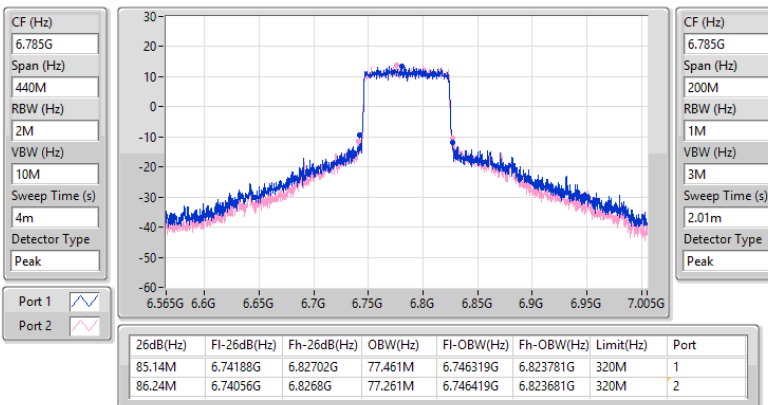


6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6705MHz

21/01/2026

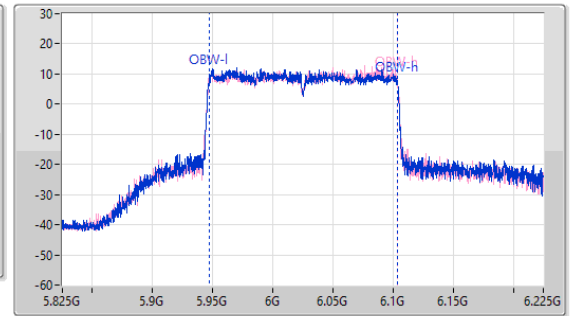
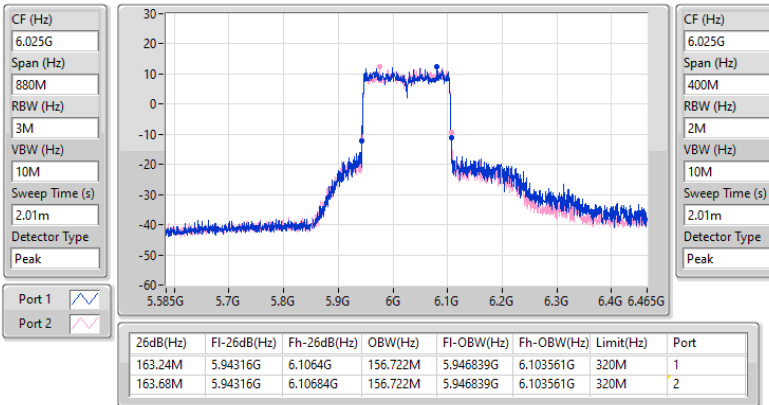

6.525-6.875GHz_802.11be EHT80_Nss2,(MCS0)_2TX
EBW
6785MHz

21/01/2026

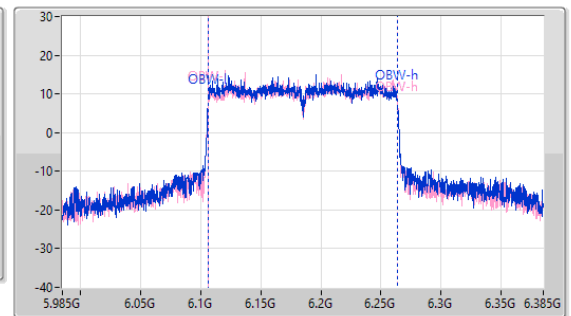
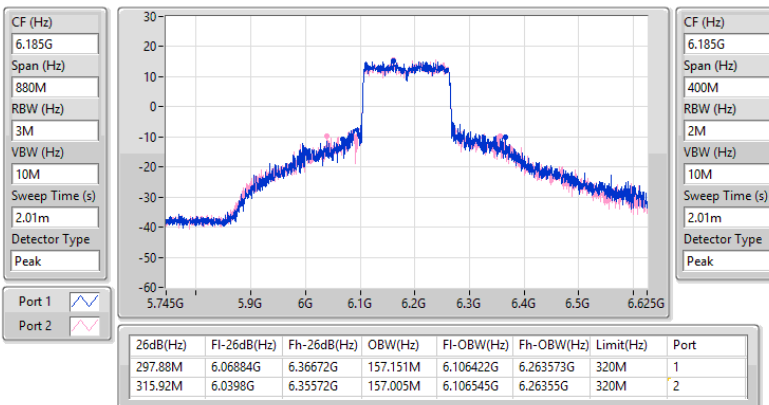


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6025MHz

29/01/2026

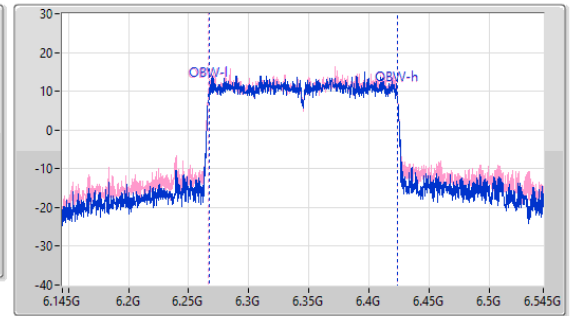
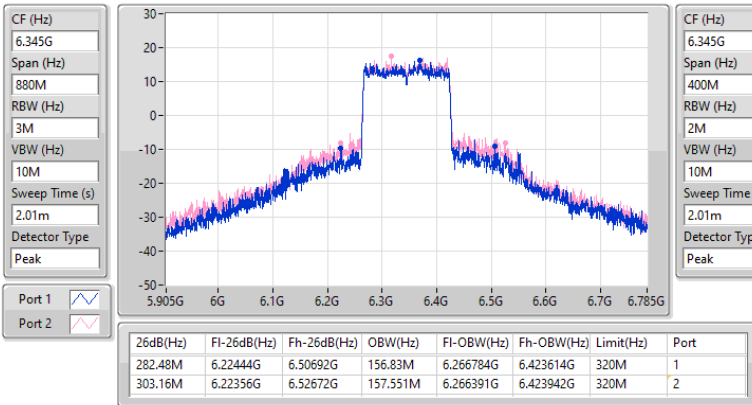

5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6185MHz

17/01/2026

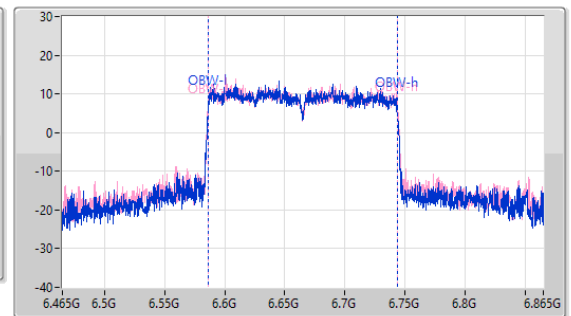
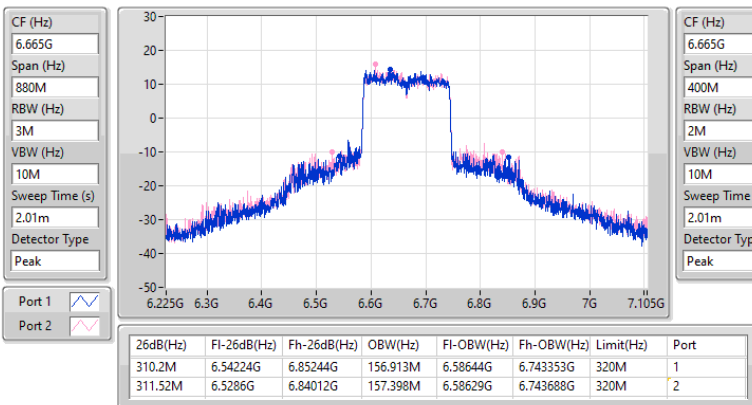


5.925-6.425GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6345MHz

19/01/2026

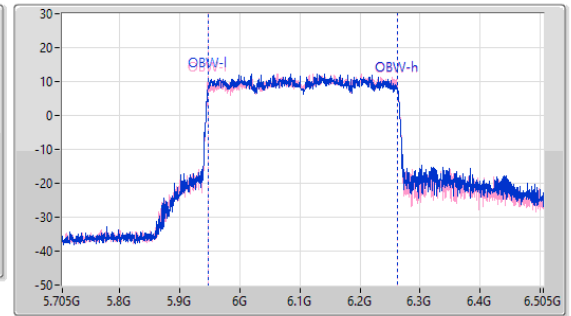
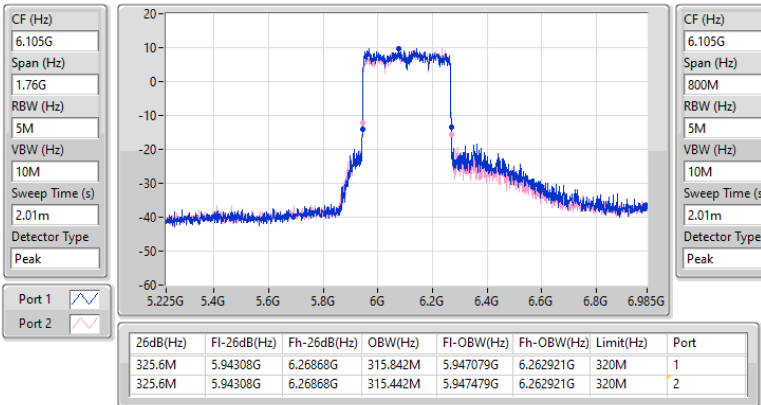

6.525-6.875GHz_802.11be EHT160_Nss2,(MCS0)_2TX
EBW
6665MHz

19/01/2026

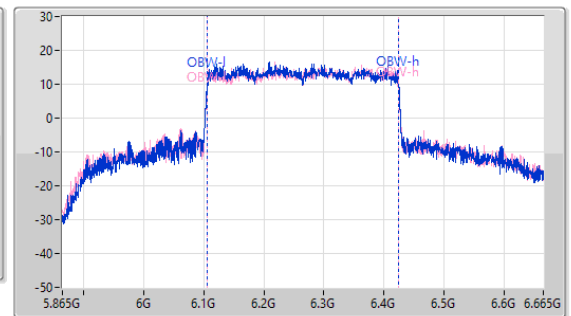
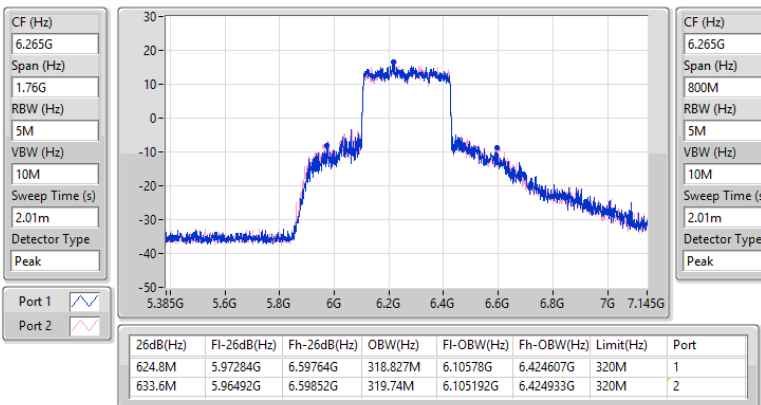


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX
EBW
6105MHz

29/01/2026


5.925-6.425GHz_802.11be EHT320_Nss2,(MCS0)_2TX
EBW
6265MHz

17/01/2026

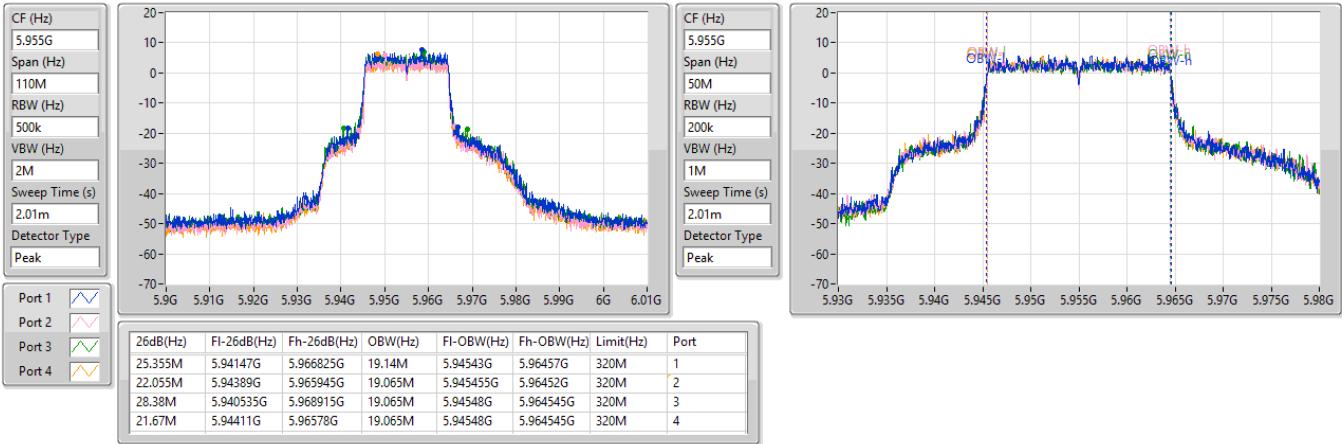


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5955MHz

21/01/2026

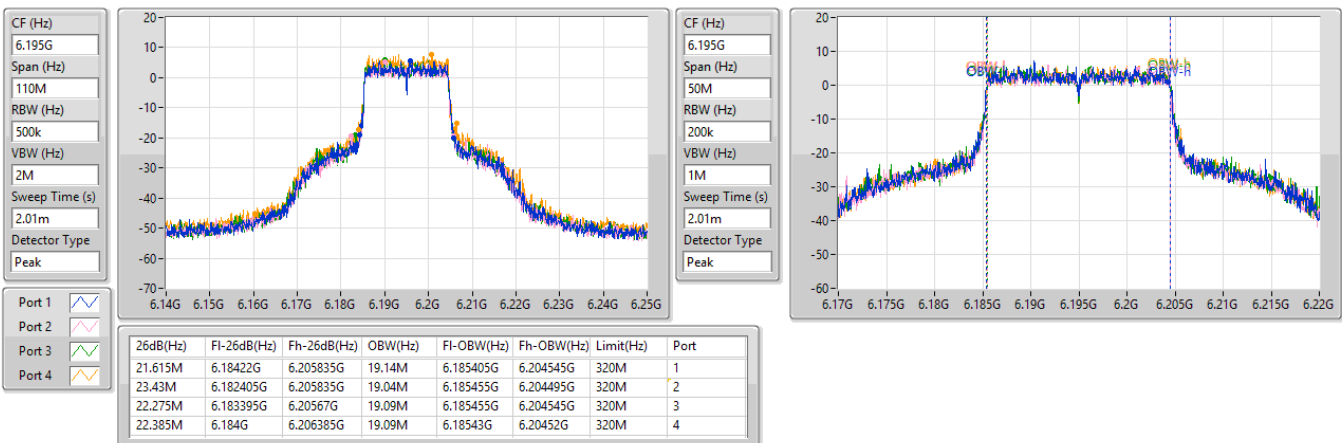


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

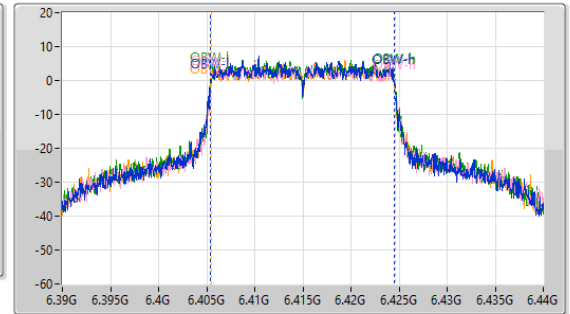
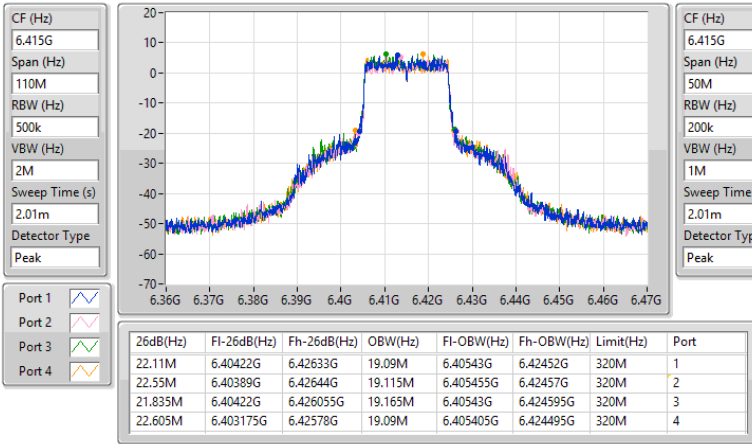
6195MHz

21/01/2026

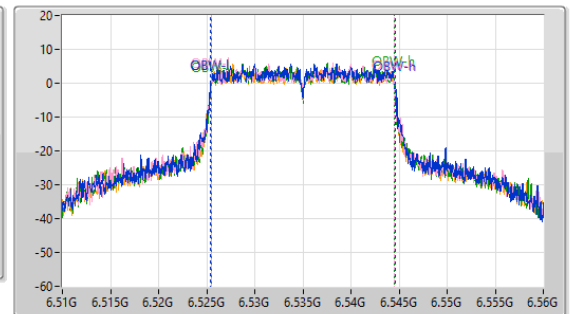
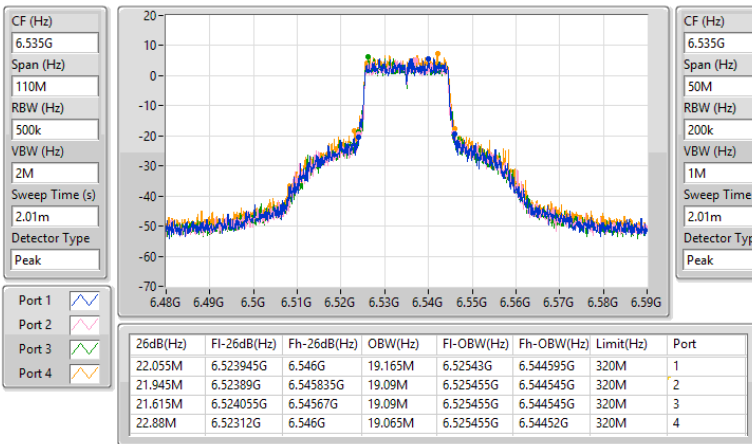


5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6415MHz

21/01/2026


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6535MHz

21/01/2026

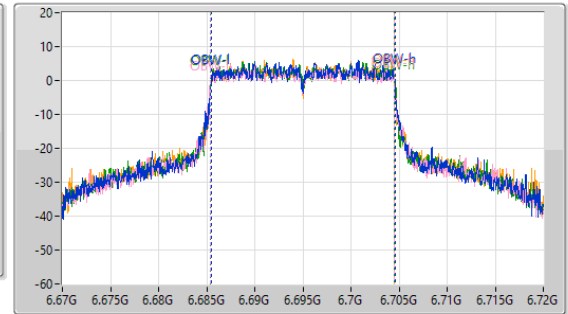
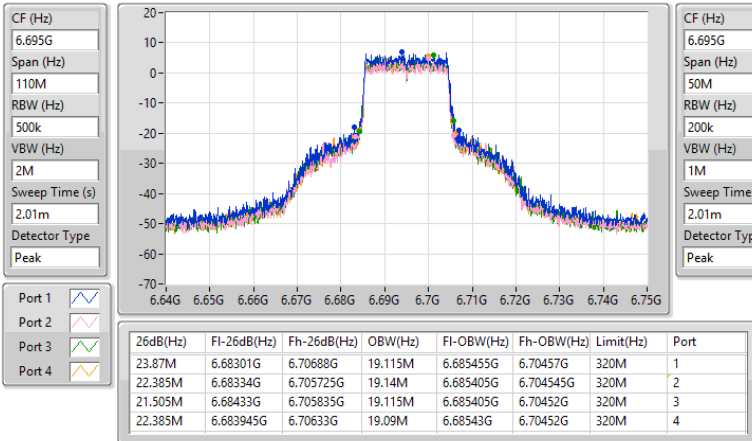


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

6695MHz

21/01/2026

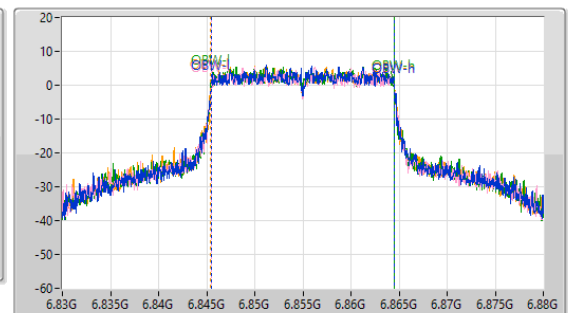
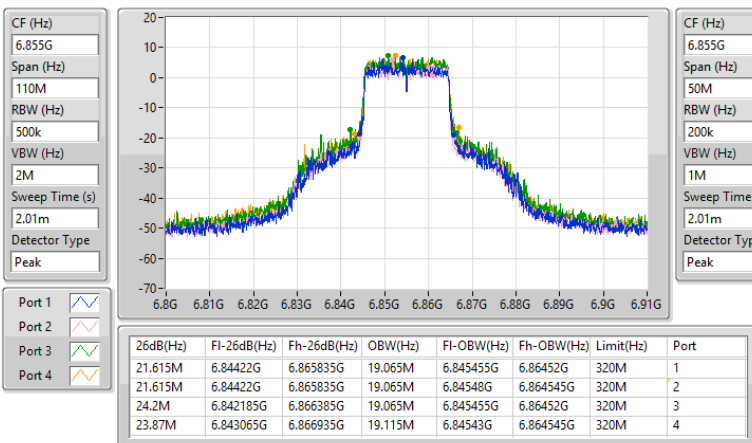


6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

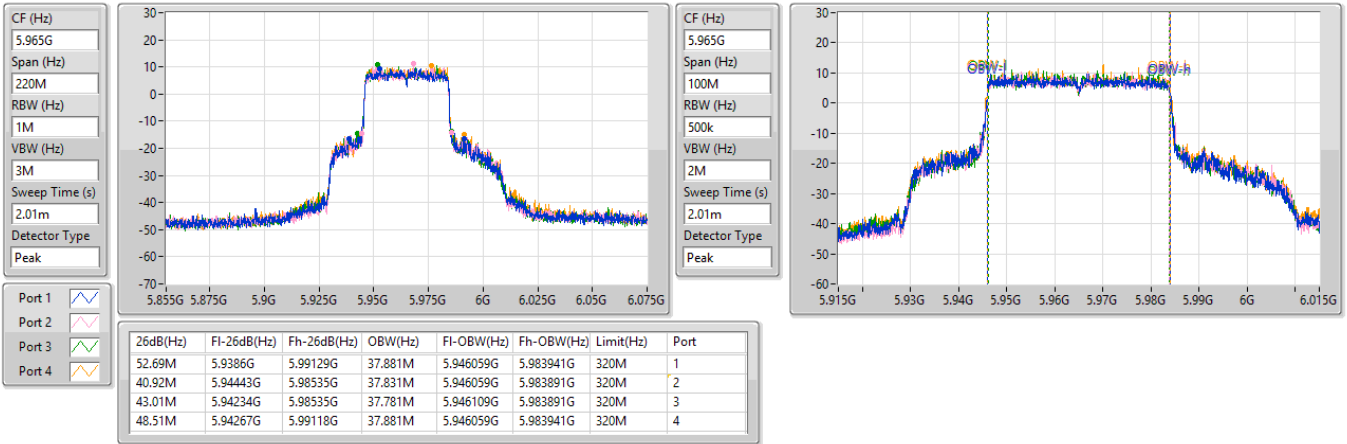
6855MHz

21/01/2026

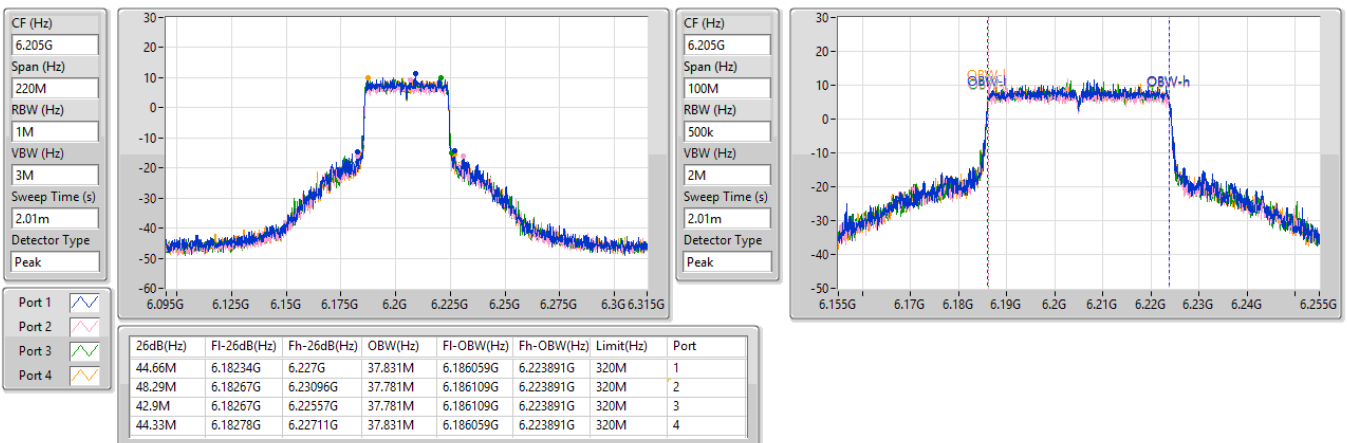


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5965MHz

21/01/2026


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

21/01/2026

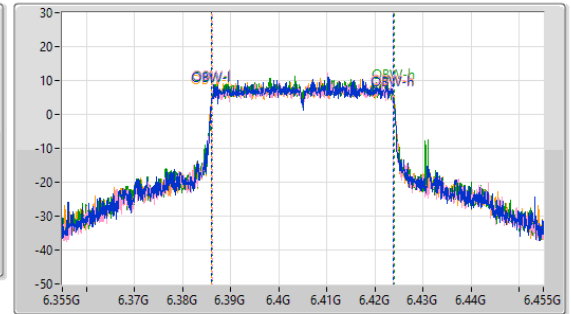
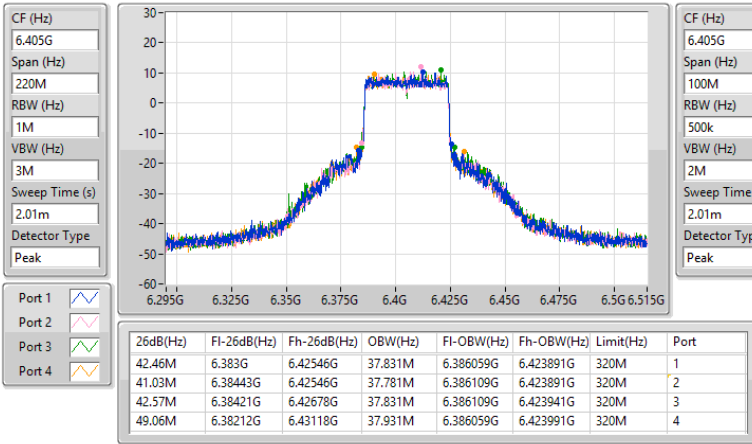


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6405MHz

21/01/2026

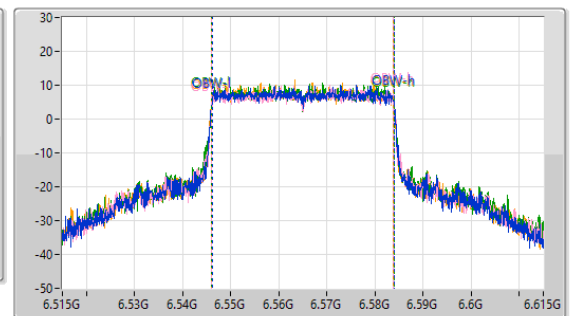
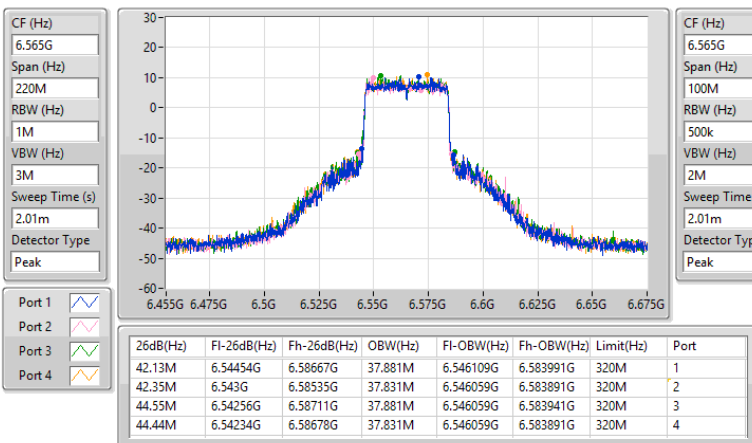


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6565MHz

21/01/2026

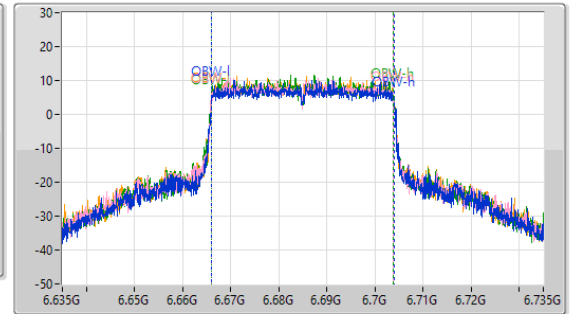
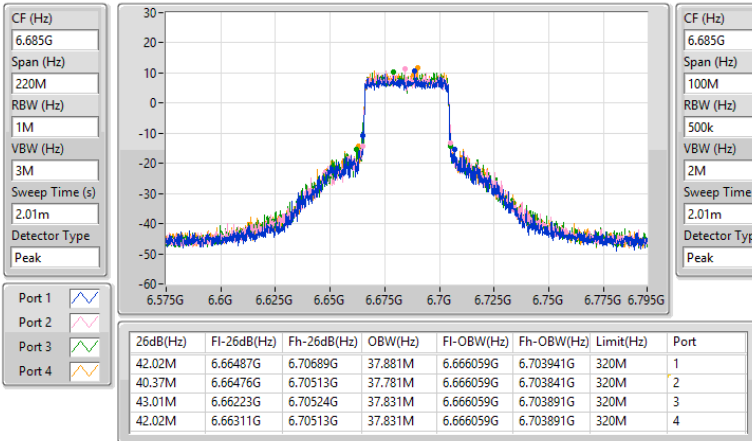


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

6685MHz

21/01/2026

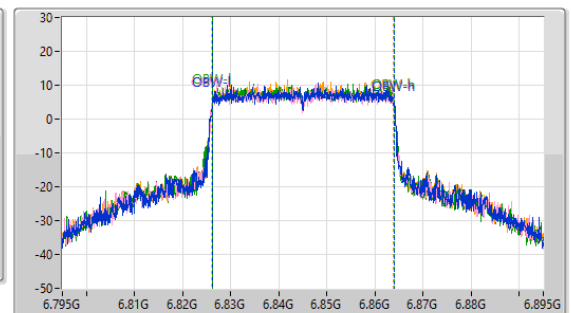
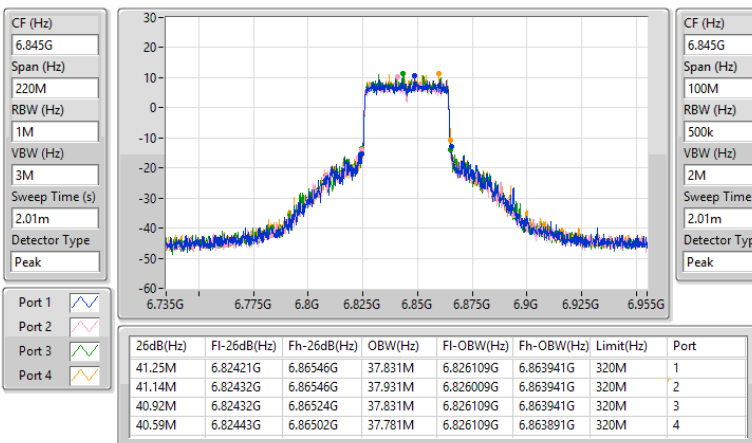


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

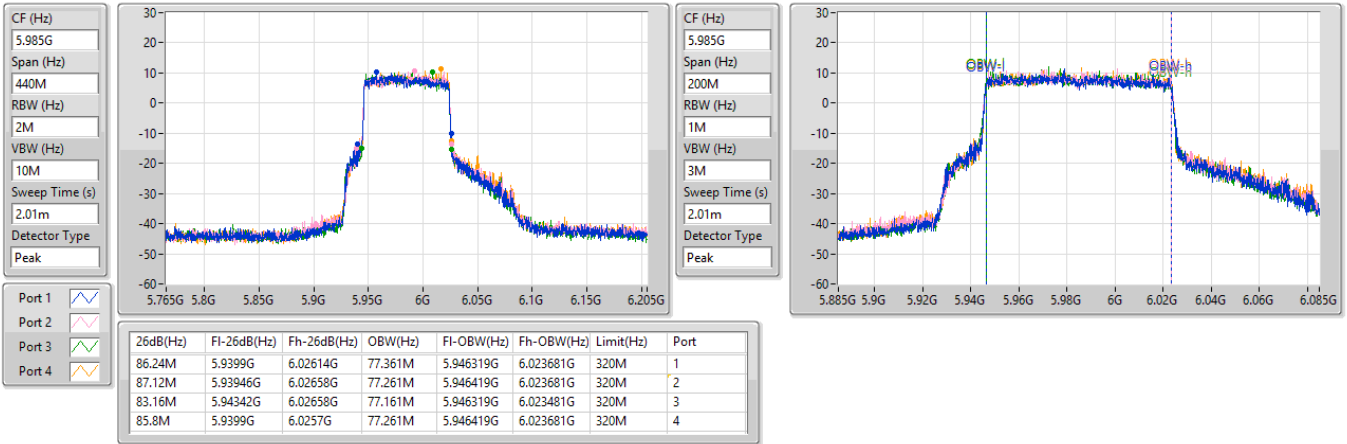
6845MHz

21/01/2026

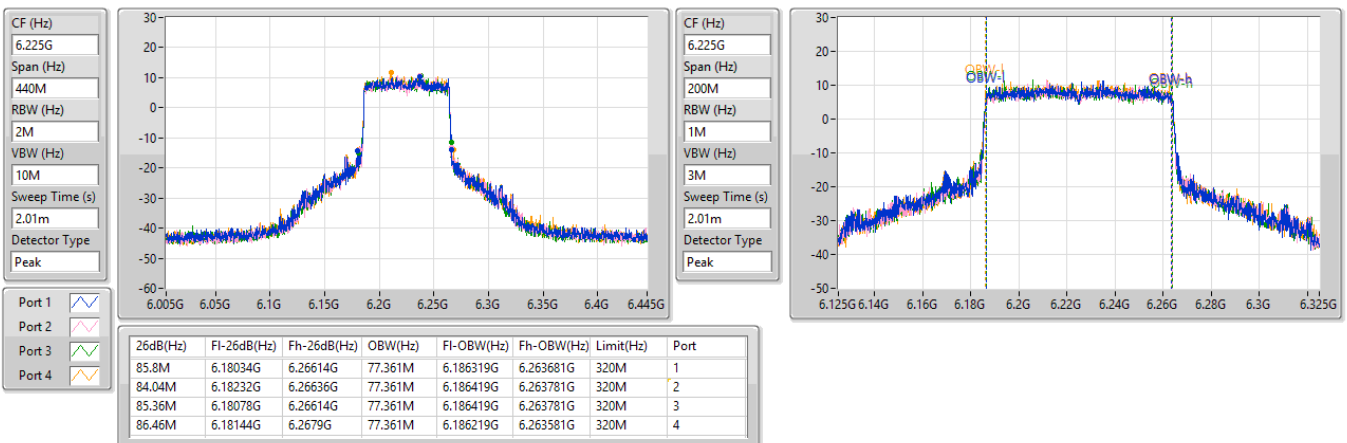


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5985MHz

21/01/2026

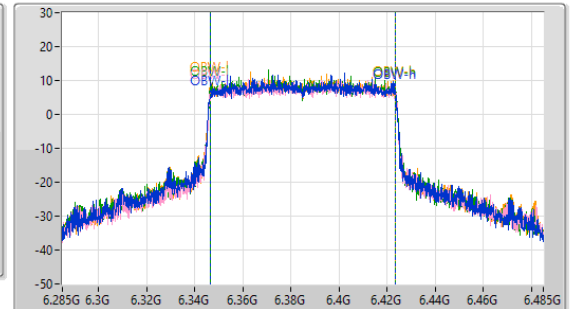
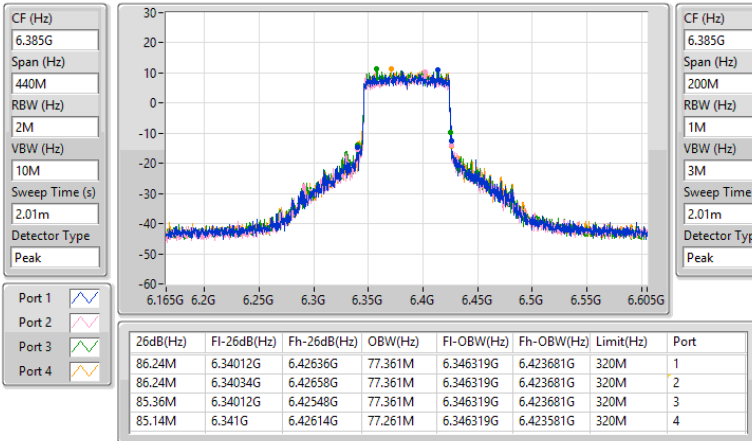

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6225MHz

21/01/2026

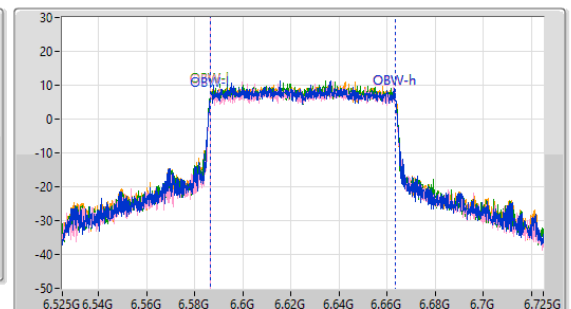
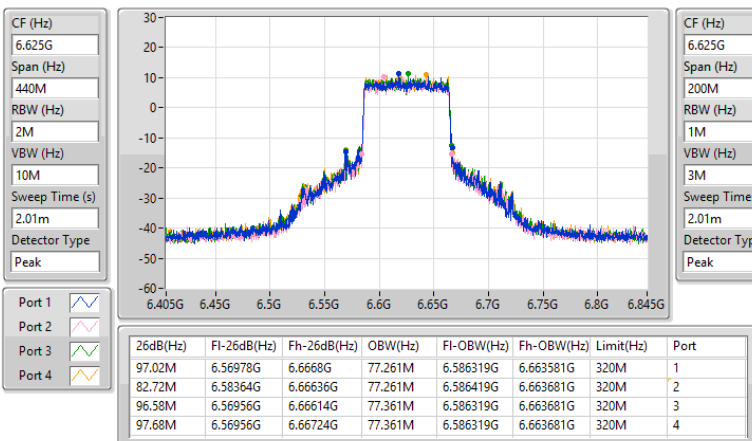


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6385MHz

21/01/2026


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6625MHz

21/01/2026

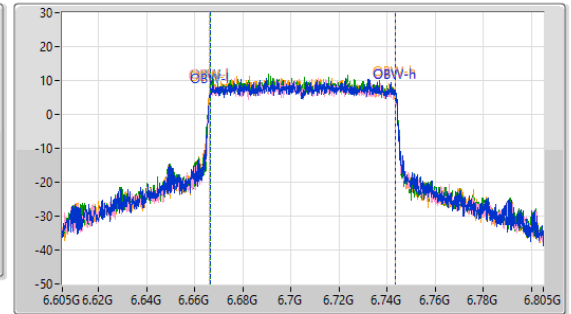
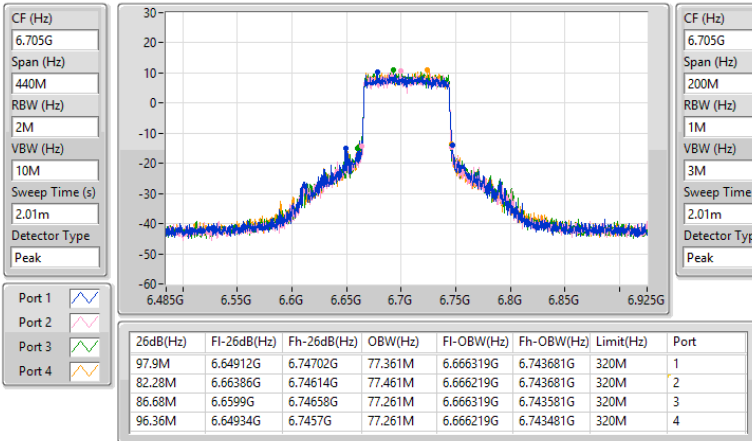


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6705MHz

21/01/2026

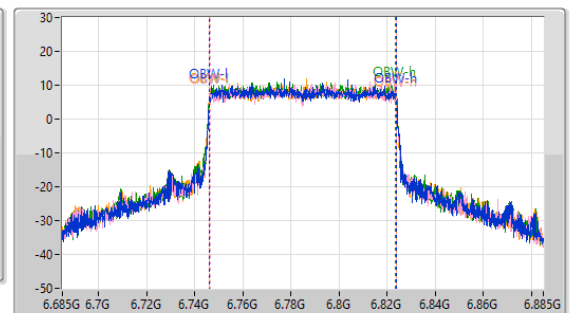
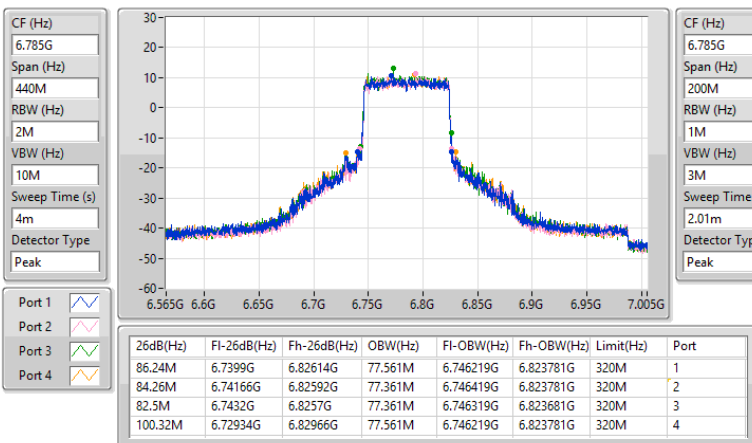


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

6785MHz

21/01/2026

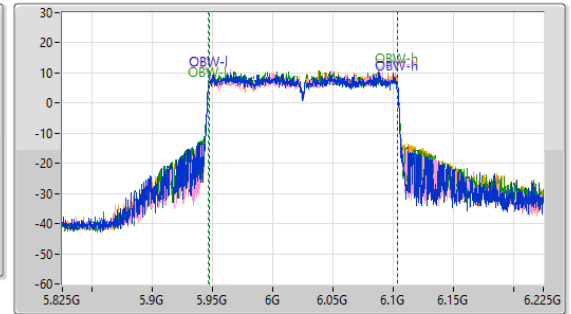
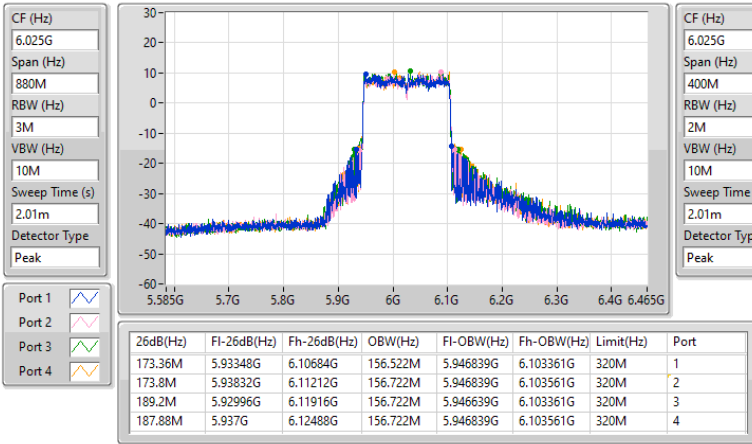


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6025MHz

29/01/2026

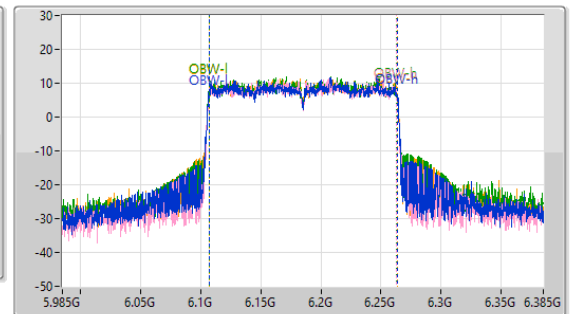
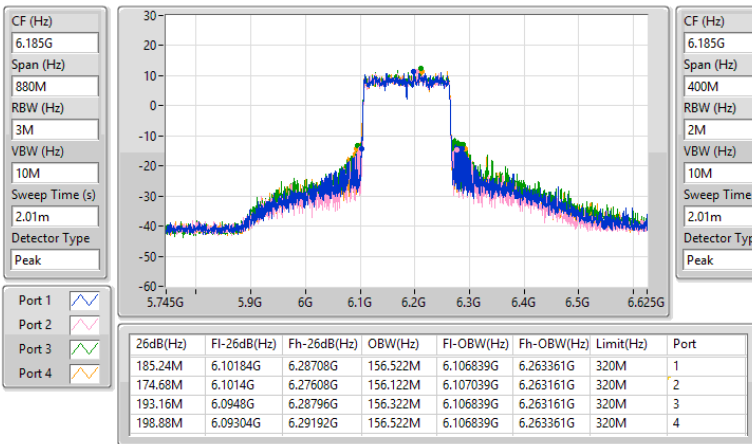


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6185MHz

21/01/2026

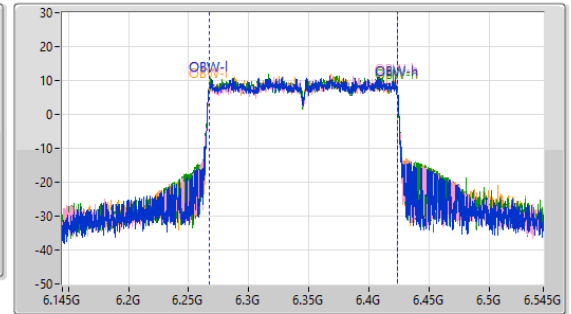
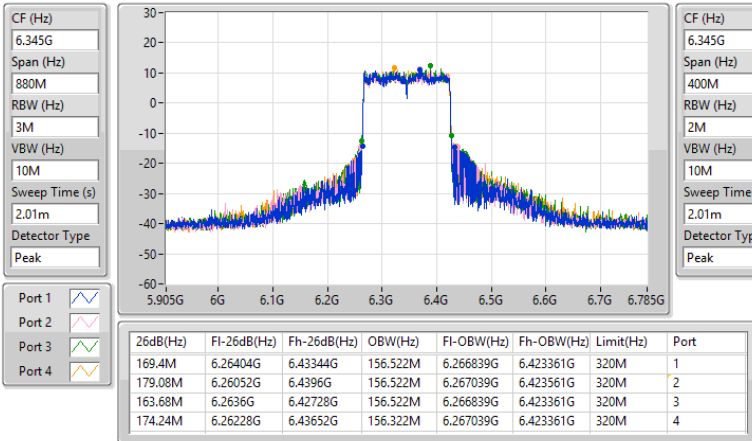


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

6345MHz

21/01/2026

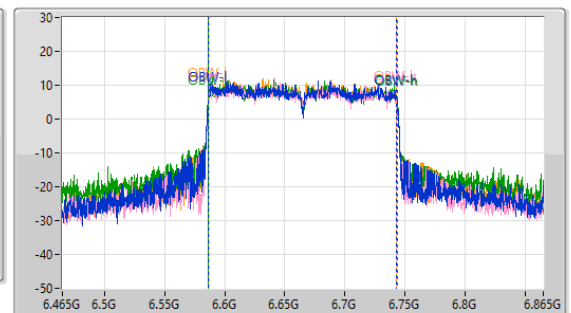
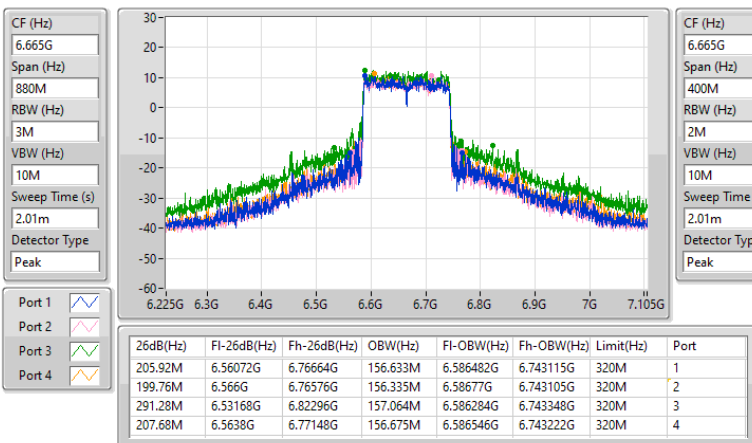


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

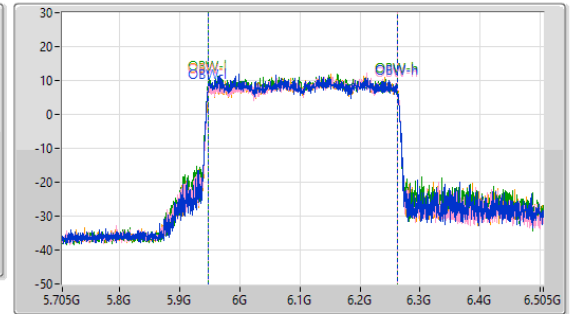
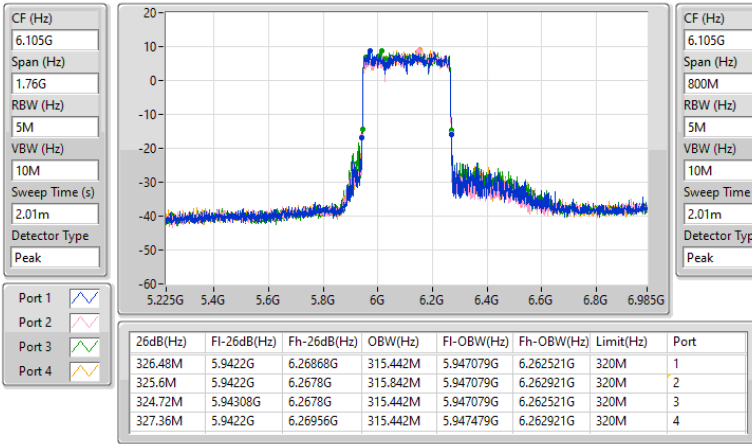
6665MHz

19/01/2026

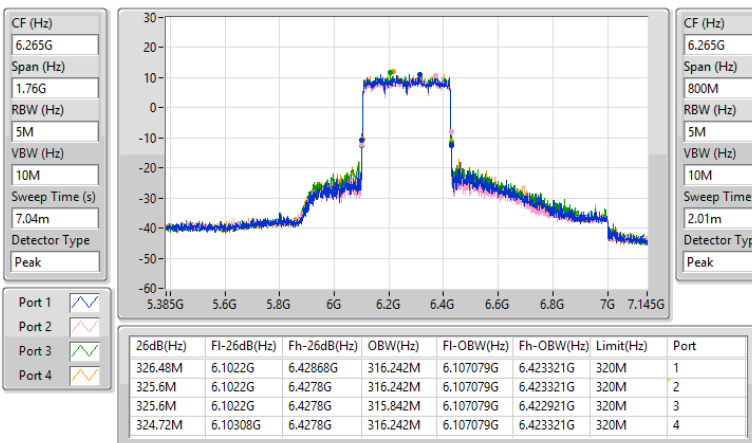


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6105MHz

29/01/2026


5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_4TX
EBW
6265MHz

21/01/2026

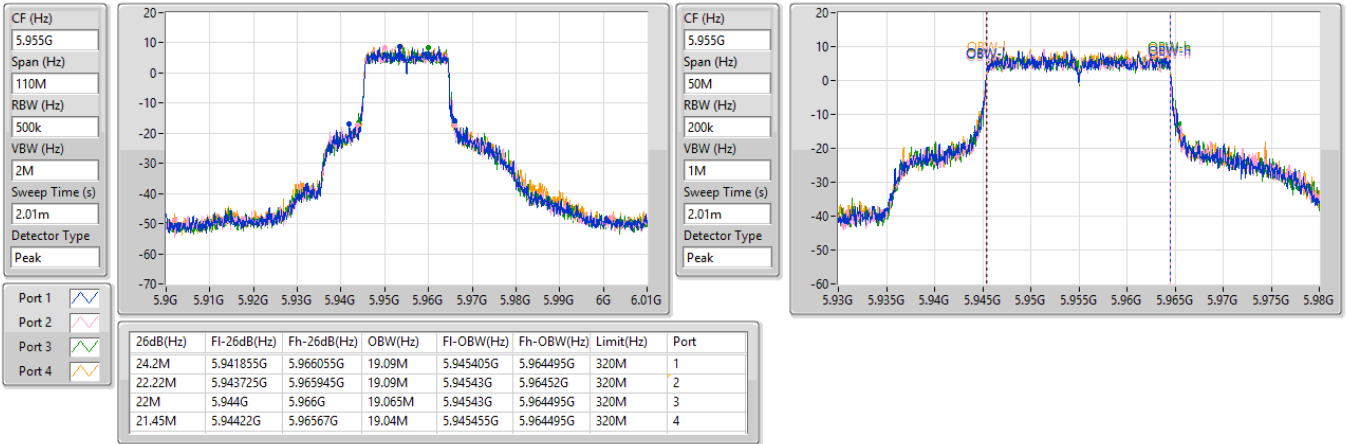


5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

5955MHz

21/01/2026

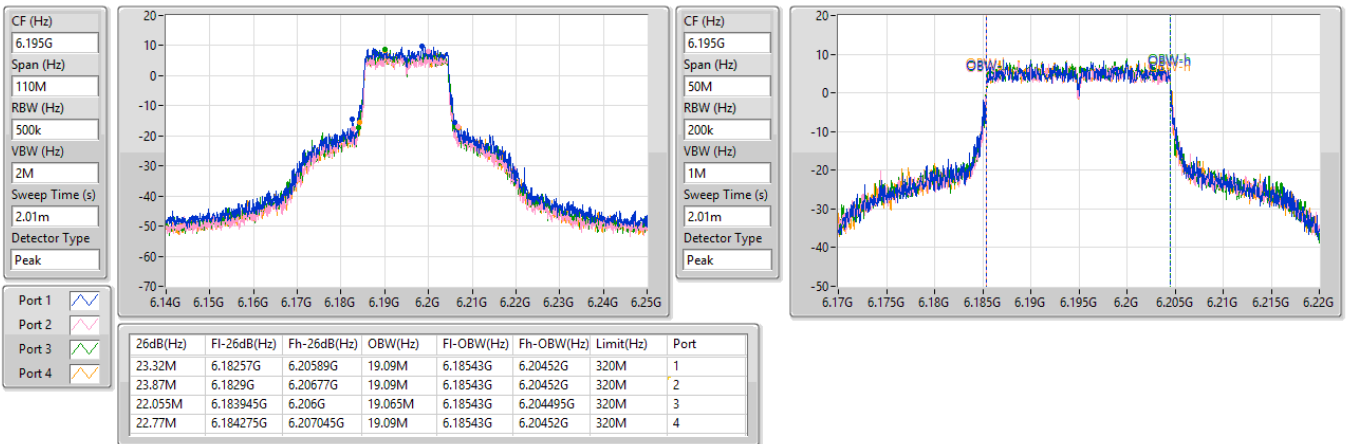


5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6195MHz

21/01/2026

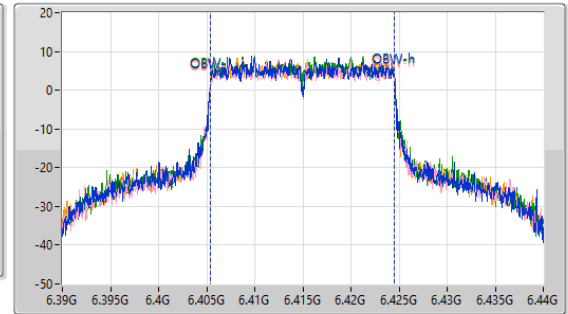
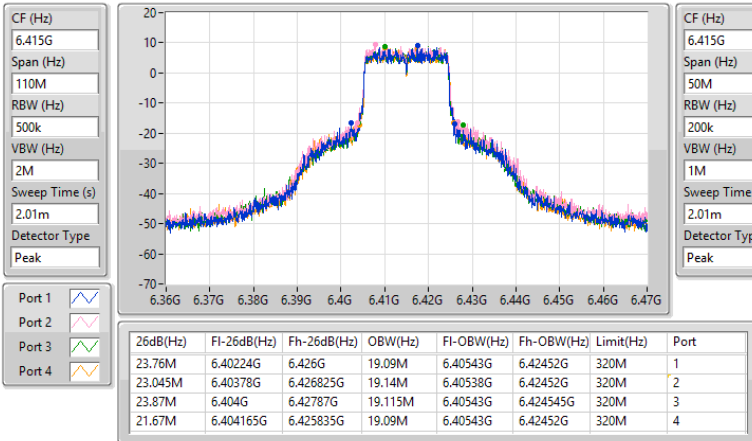


5.925-6.425GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

6415MHz

21/01/2026

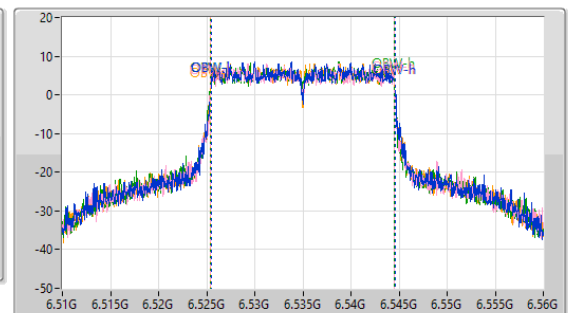
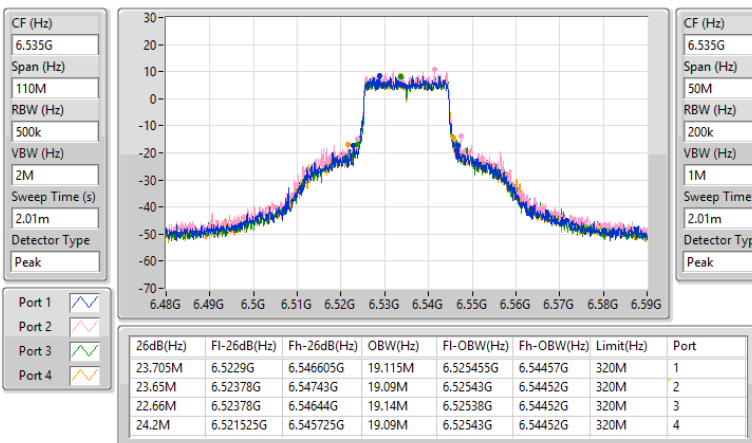


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

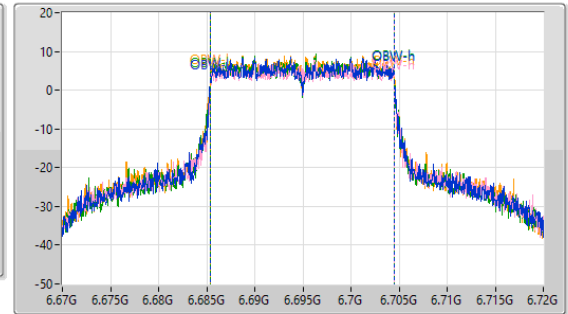
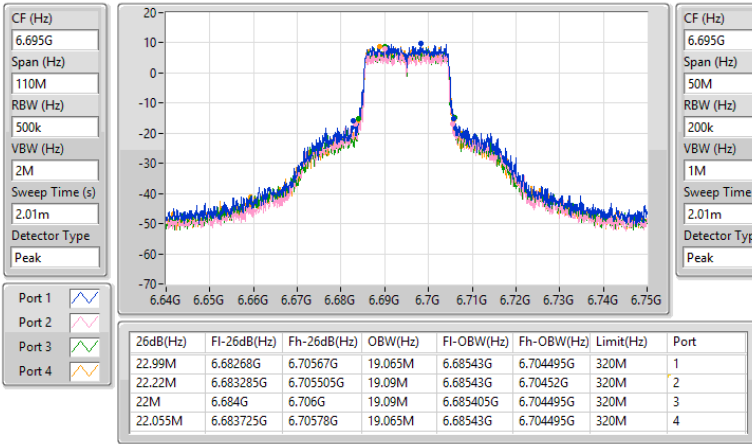
6535MHz

21/01/2026

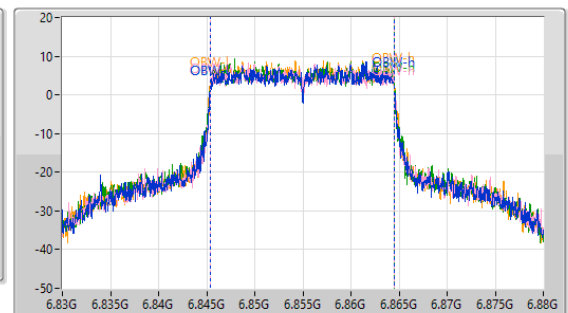
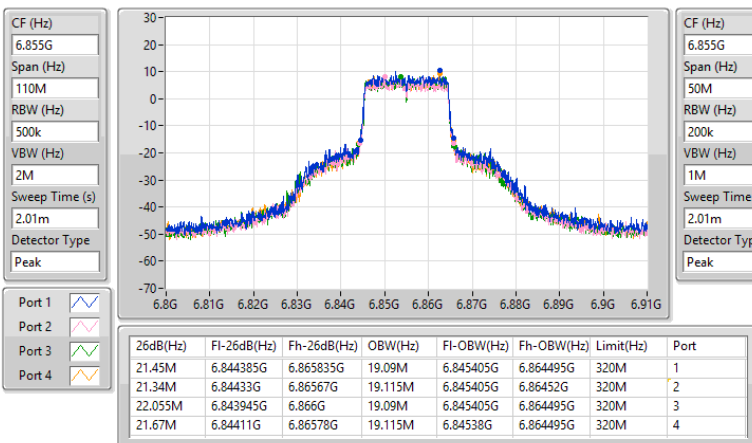


6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
6695MHz

21/01/2026

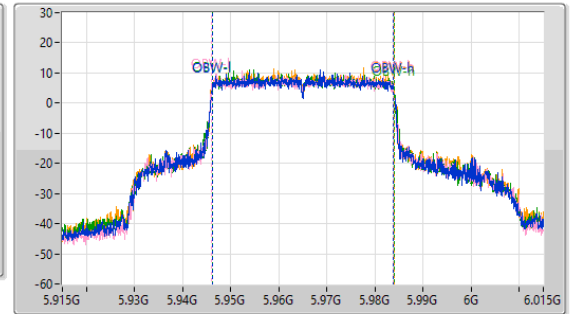
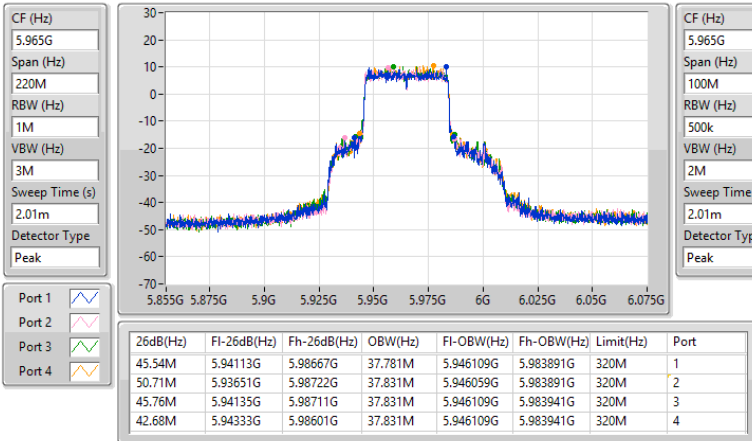

6.525-6.875GHz_802.11be EHT20_Nss4,(MCS0)_4TX
EBW
6855MHz

21/01/2026

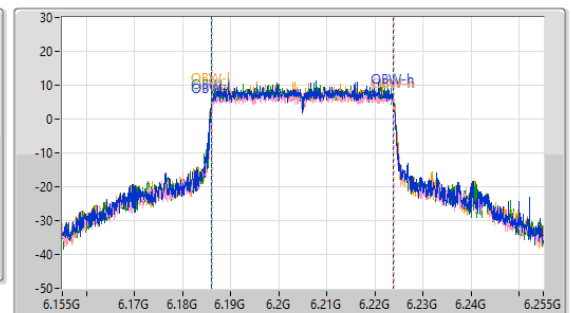
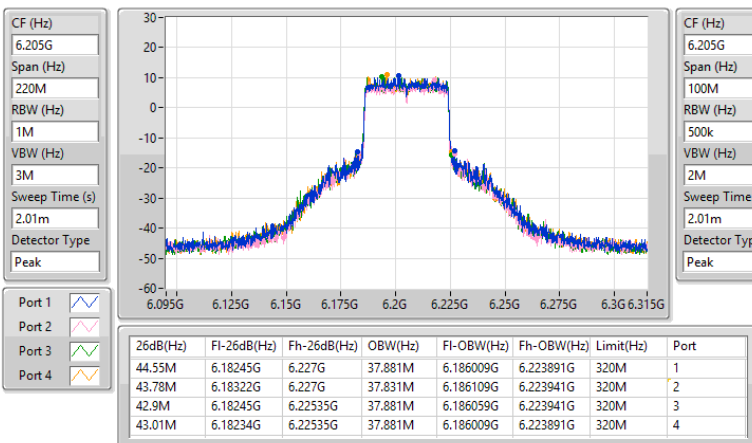


5.925-6.425GHz_802.11be EHT40_Nss4_(MCS0)_4TX
EBW
5965MHz

21/01/2026


5.925-6.425GHz_802.11be EHT40_Nss4_(MCS0)_4TX
EBW
6205MHz

21/01/2026

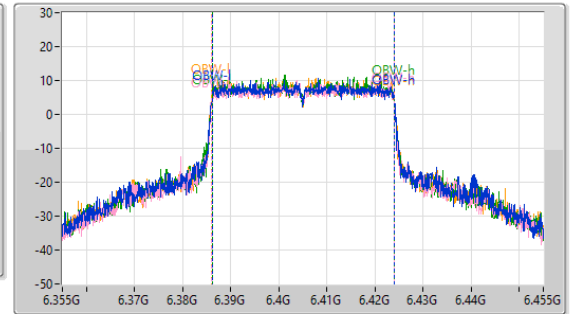
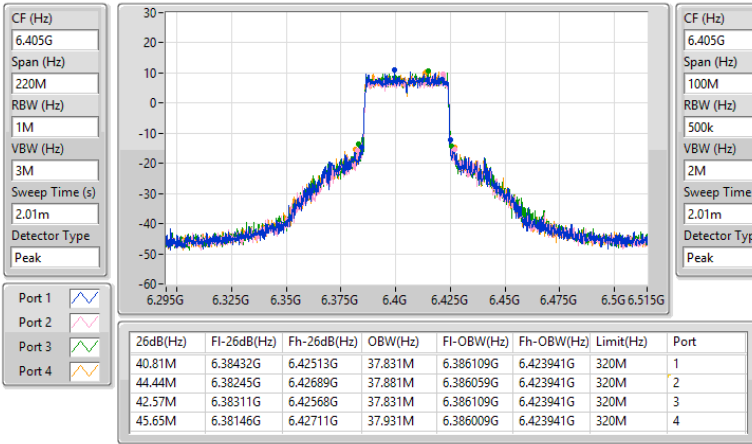


5.925-6.425GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6405MHz

21/01/2026

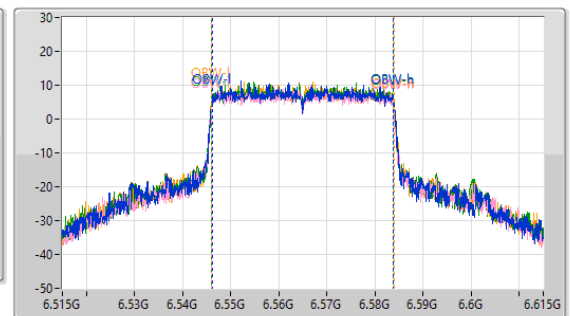
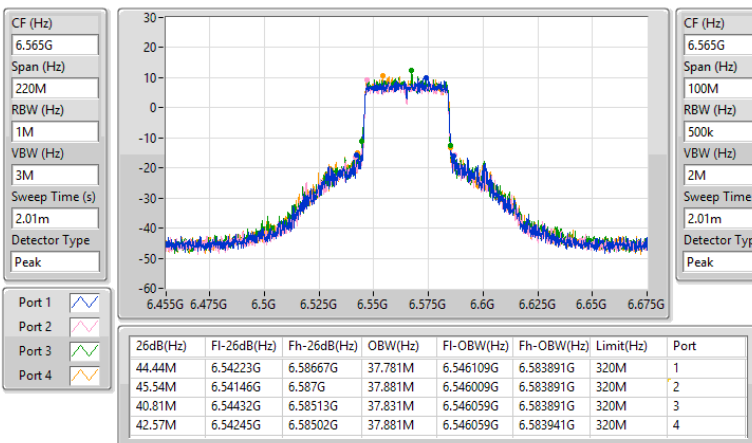


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6565MHz

21/01/2026

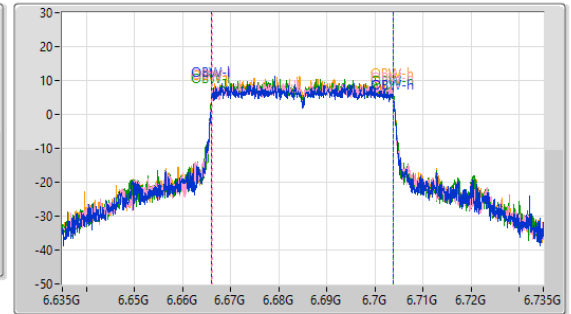
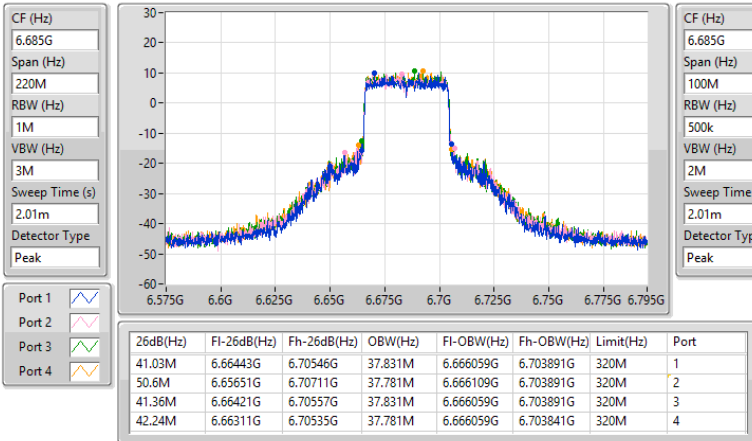


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

6685MHz

21/01/2026

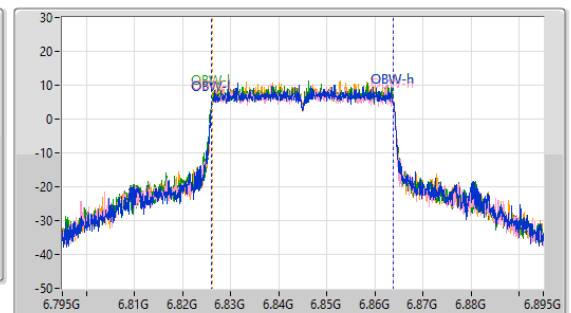
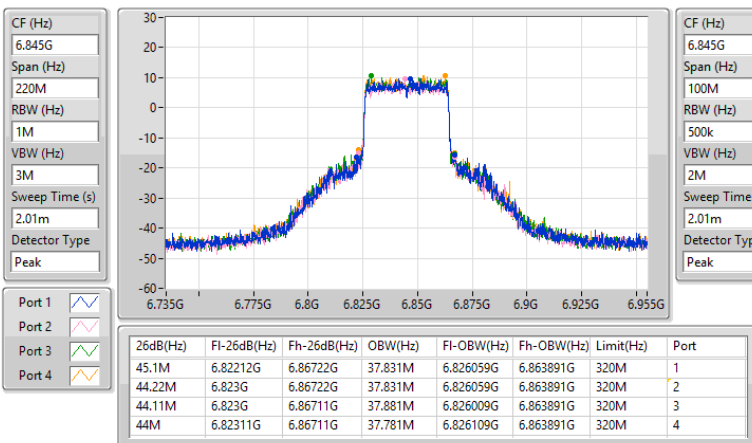


6.525-6.875GHz_802.11be EHT40_Nss4,(MCS0)_4TX

EBW

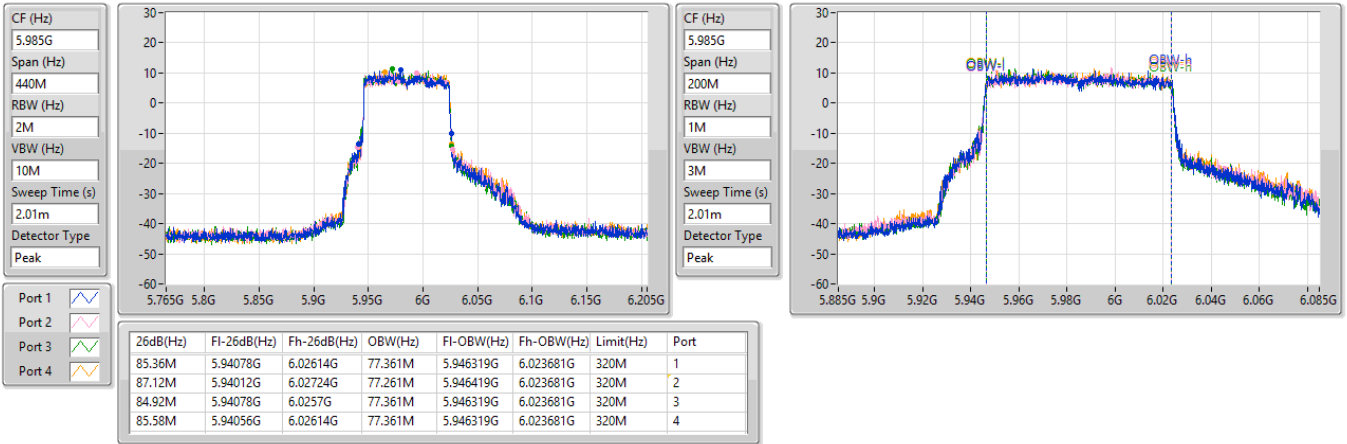
6845MHz

21/01/2026



5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
5985MHz

21/01/2026


5.925-6.425GHz_802.11be EHT80_Nss4,(MCS0)_4TX
EBW
6225MHz

21/01/2026

