



FCC Radio Test Report

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022S6D
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 15, 2025, and testing was started from Nov. 02, 2025 and completed on Mar. 11, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	13
1.3 Testing Location Information	13
1.4 Measurement Uncertainty	14
2 TEST CONFIGURATION OF EUT.....	15
2.1 Test Channel Mode	15
2.2 The Worst Case Measurement Configuration.....	19
2.3 Accessories	21
2.4 Support Equipment.....	21
2.5 Test Setup Diagram	22
3 TRANSMITTER TEST RESULT	24
3.1 AC Power-line Conducted Emissions	24
3.2 DTS Bandwidth.....	26
3.3 Maximum Conducted Output Power	27
3.4 Power Spectral Density	29
3.5 Emissions in Non-restricted Frequency Bands	30
3.6 Emissions in Restricted Frequency Bands.....	31
4 TEST EQUIPMENT AND CALIBRATION DATA.....	35
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX H. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR5O0964CC	01	Initial issue of report	May 13, 2026

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20), be(EHT20)	2412-2462	1-11 [11]

Non-Beamforming_Radio 1_1T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11be EHT20	20	1TX

Non-Beamforming_Radio 1_2T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX

Non-Beamforming_Radio 1_2T2S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20	20	2TX

Non-Beamforming_Radio 1_4T1S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11be EHT20	20	4TX

Non-Beamforming_Radio 1_4T4S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20	20	4TX

**Non-Beamforming_Scan Radio_2T1S**

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX

Non-Beamforming_Scan Radio_2T2S

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20	20	2TX

Beamforming_Radio 1

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	4TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20 mode only due to the similar modulation. The power setting of HT20/VHT20 mode are the same or lower than EHT20.

1.1.2 Antenna Information

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

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

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

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

Note 1: The EUT has Twenty-one antennas.

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

For 2.4GHz function:

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

Ant. 1 could transmit/receive.

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

Ant. 1~2 could transmit/receive simultaneously.

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

Ant. 1~4 could transmit/receive simultaneously.

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

Ant. 13~14 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 5 could transmit/receive.

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

Ant. 5~6 could transmit/receive simultaneously.

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

Ant. 5~8 could transmit/receive simultaneously.

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

Ant. 1 could transmit/receive.

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

Ant. 1~2 could transmit/receive simultaneously.

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

Ant. 1~4 could transmit/receive simultaneously.

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

Ant. 13~14 could transmit/receive simultaneously.

For 6GHz function:

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

Ant. 5 could transmit/receive.

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

Ant. 5~6 could transmit/receive simultaneously.

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

Ant. 5~8 could transmit/receive simultaneously.

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

Ant. 9 could transmit/receive.

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

Ant. 9~10 could transmit/receive simultaneously.

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

Ant. 9~12 could transmit/receive simultaneously.

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

Ant. 13~14 could transmit/receive simultaneously.

For BT function:

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

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

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

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

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

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

For UWB function(2TX/4RX):

Ant. 18 and Ant 20 could transmit.

Ant. 18~21 could receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit	☒ Full RU	☐ Partial RU	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming_Radio 1_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.922	0.35	8.419m	200
802.11g_Nss1,(6Mbps)_1TX	0.537	2.7	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_1TX	0.903	0.44	323.437u	5k

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

Non-Beamforming_Radio 1_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.922	0.35	8.419m	200
802.11g_Nss1,(6Mbps)_2TX	0.535	2.72	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_2TX	0.903	0.44	323.437u	5k

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

Non-Beamforming_Radio 1_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.9	0.46	312.187u	5k

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

Non-Beamforming_Radio 1_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_4TX	0.922	0.35	8.419m	200
802.11g_Nss1,(6Mbps)_4TX	0.535	2.72	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_4TX	0.903	0.44	323.437u	5k

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

Non-Beamforming_Radio 1_4T4S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss4,(MCS0)_4TX	0.903	0.44	321.562u	5k

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

Non-Beamforming_Scan Radio_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.935	0.29	8.417m	200
802.11g_Nss1,(6Mbps)_2TX	0.541	2.67	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_2TX	0.911	0.4	323.437u	5k

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

**Non-Beamforming_Scan Radio_2T2S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.908	0.42	314.062u	5k

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

Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.903	0.44	323.437u	5k

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v02)
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO01-HY	Lego Lin	23.1~23.9°C / 56~62%	13/Feb/2026~24/Feb/2026
Radiated_ Co-location	03CH03-HY	Ian Liou	17.9~19.5°C / 52~55%	06/Mar/2026~11/Mar/2026
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	21.5~21.9°C / 58~61%	20/Jan/2026~23/Jan/2026
Radiated_ Radio 1	03CH24-HY	Jack Tang	18.6~19.2°C / 53~61%	15/Jan/2026~20/Jan/2026
Radiated_ Scan Radio	03CH24-HY	Jack Tang	21.1~23.4°C / 53~59%	02/Nov/2025~12/Nov/2025

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMtool_3_4_1_0
-----------------------	---------------------

Non-Beamforming_Radio 1_1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	88
2437MHz	88
2462MHz	88
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	77
2417MHz	83
2437MHz	88
2457MHz	81
2462MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
2412MHz	74
2417MHz	83
2437MHz	85
2457MHz	84
2462MHz	76

**Non-Beamforming_Radio 1_2T1S**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	87
2417MHz	87
2437MHz	88
2462MHz	88
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	79
2417MHz	82
2437MHz	88
2457MHz	83
2462MHz	76
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	69
2417MHz	81
2437MHz	84
2457MHz	81
2462MHz	69

Non-Beamforming_Radio 1_2T2S

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
2412MHz	70
2417MHz	83
2437MHz	84
2457MHz	80
2462MHz	68

Non-Beamforming_Radio 1_4T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	87
2417MHz	87
2437MHz	88
2457MHz	86
2462MHz	83
802.11g_Nss1,(6Mbps)_4TX	-



Mode	Power Setting
2412MHz	75
2417MHz	82
2437MHz	87
2457MHz	80
2462MHz	68
802.11be EHT20_Nss1,(MCS0)_4TX	-
2412MHz	70
2417MHz	80
2437MHz	80
2457MHz	79
2462MHz	64

Non-Beamforming_Radio 1_4T4S

Mode	Power Setting
802.11be EHT20_Nss4,(MCS0)_4TX	-
2412MHz	71
2417MHz	81
2437MHz	82
2457MHz	77
2462MHz	69

Non-Beamforming_Scan Radio_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	88
2437MHz	88
2457MHz	88
2462MHz	85
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	80
2417MHz	87
2437MHz	88
2457MHz	88
2462MHz	84
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	77
2417MHz	88



Mode	Power Setting
2437MHz	84
2457MHz	88
2462MHz	69

Non-Beamforming_Scan Radio_2T2S

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
2412MHz	79
2417MHz	88
2437MHz	83
2457MHz	88
2462MHz	74

Beamforming_Radio 1

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	70
2417MHz	80
2437MHz	80
2457MHz	79
2462MHz	64

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode
2	Adapter mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

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

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

2.3 Accessories

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

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

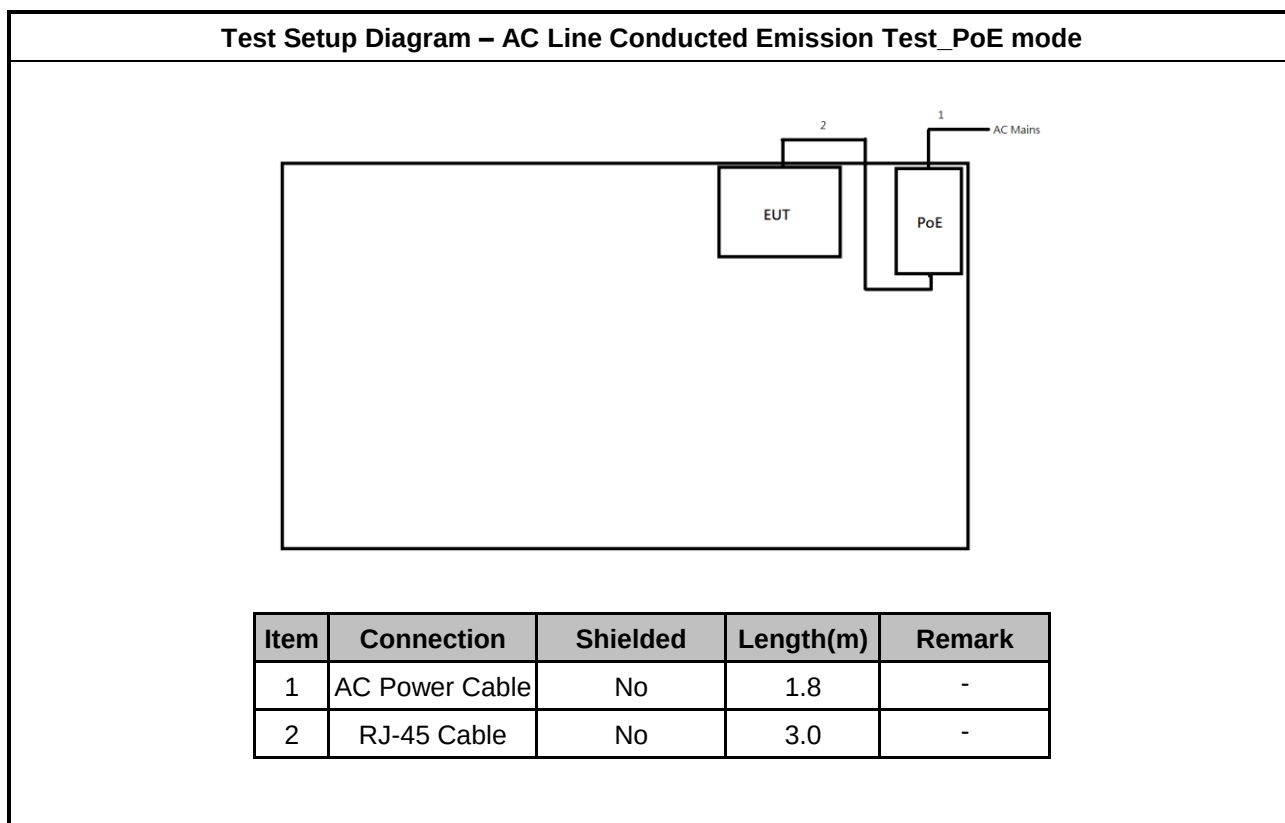
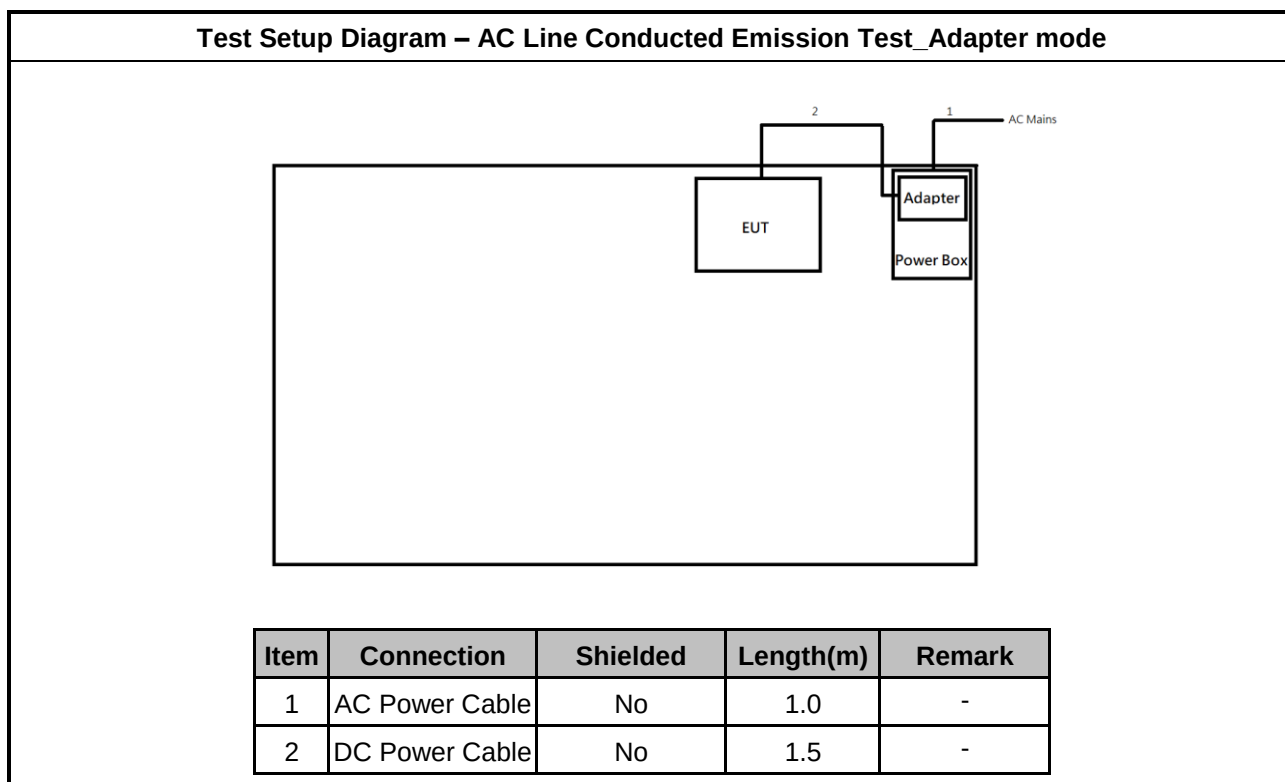
2.4 Support Equipment

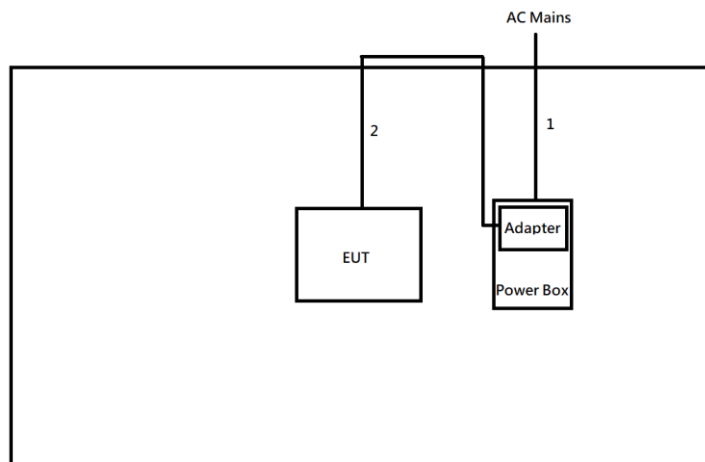
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	Microsemi	PD-9501-10GC/AC	-	Provided by Customer
2	RJ-45 Cable	Power sync	CAT-6E-03	-	-
3	AC power cable	Power sync	PW-GPC180-3	-	-
4	Adapter	Powertron	PA1045-120HIB300	-	Provided by Customer

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

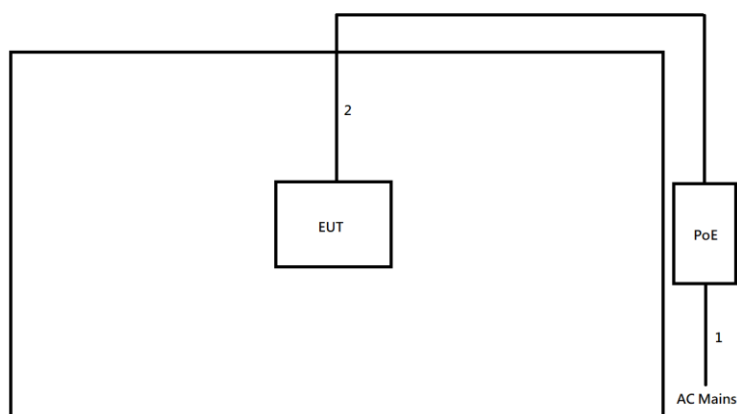
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Adapter	Powertron	PA1045-120HIB300	-	Provided by Customer
3	PoE (Remote)	Microsemi	PD-9501-10GC/AC	-	Provided by Customer
4	AC power cable (Remote)	Power sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test_Adapter mode


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

Test Setup Diagram - Radiated Test_PoE mode


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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

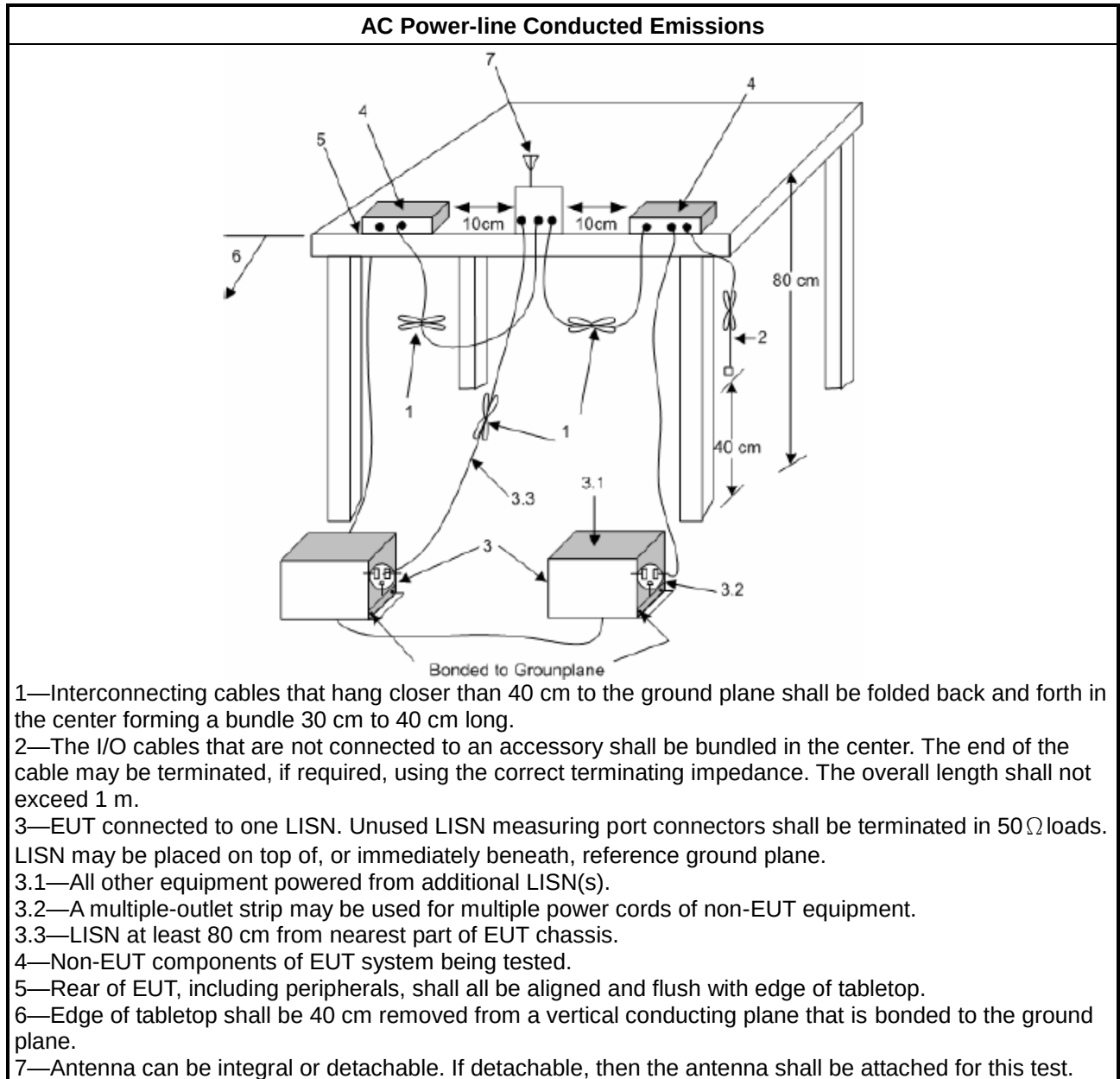
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

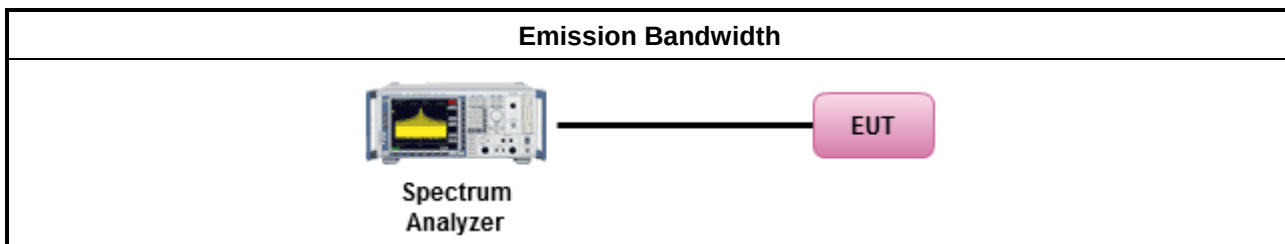
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

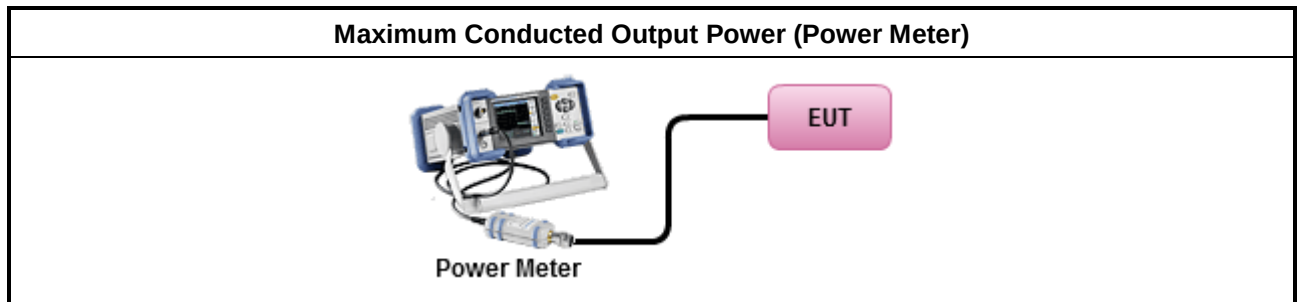
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) ≤ 8 dBm/3kHz

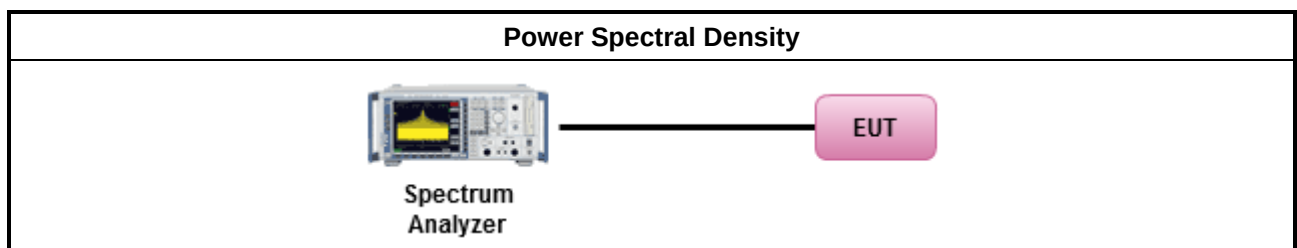
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪	Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

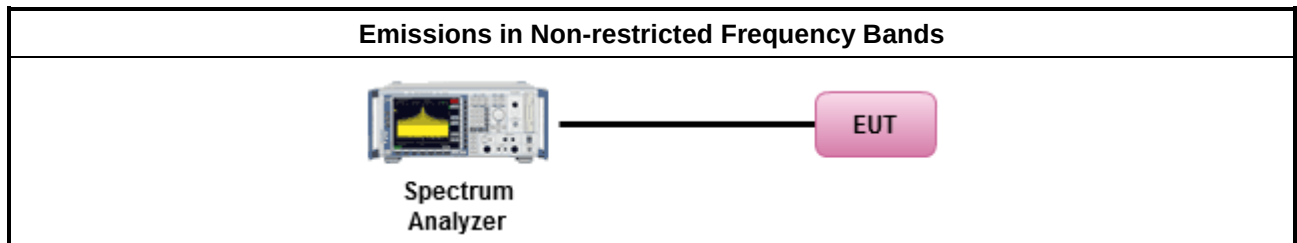
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions 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.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

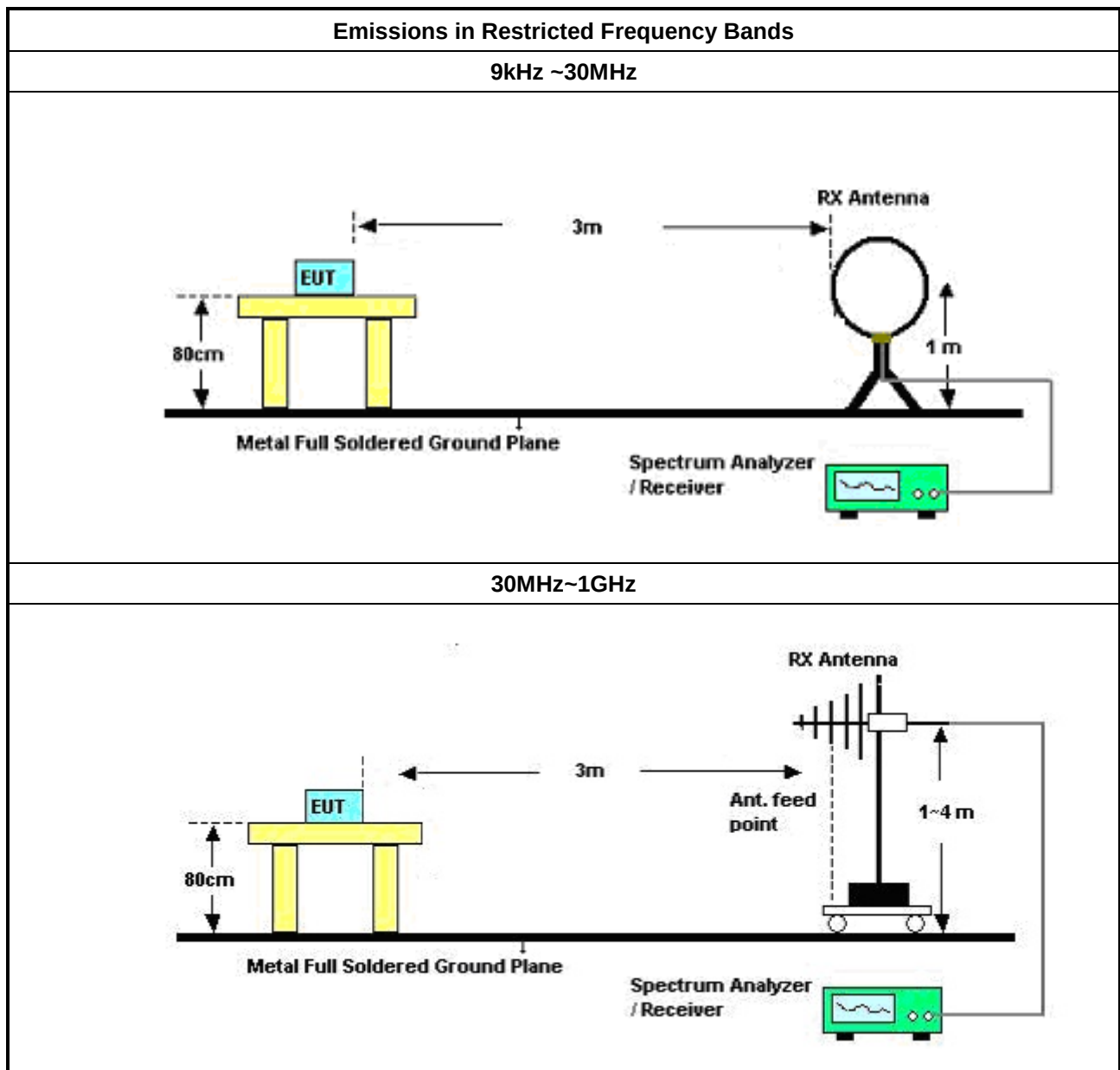
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

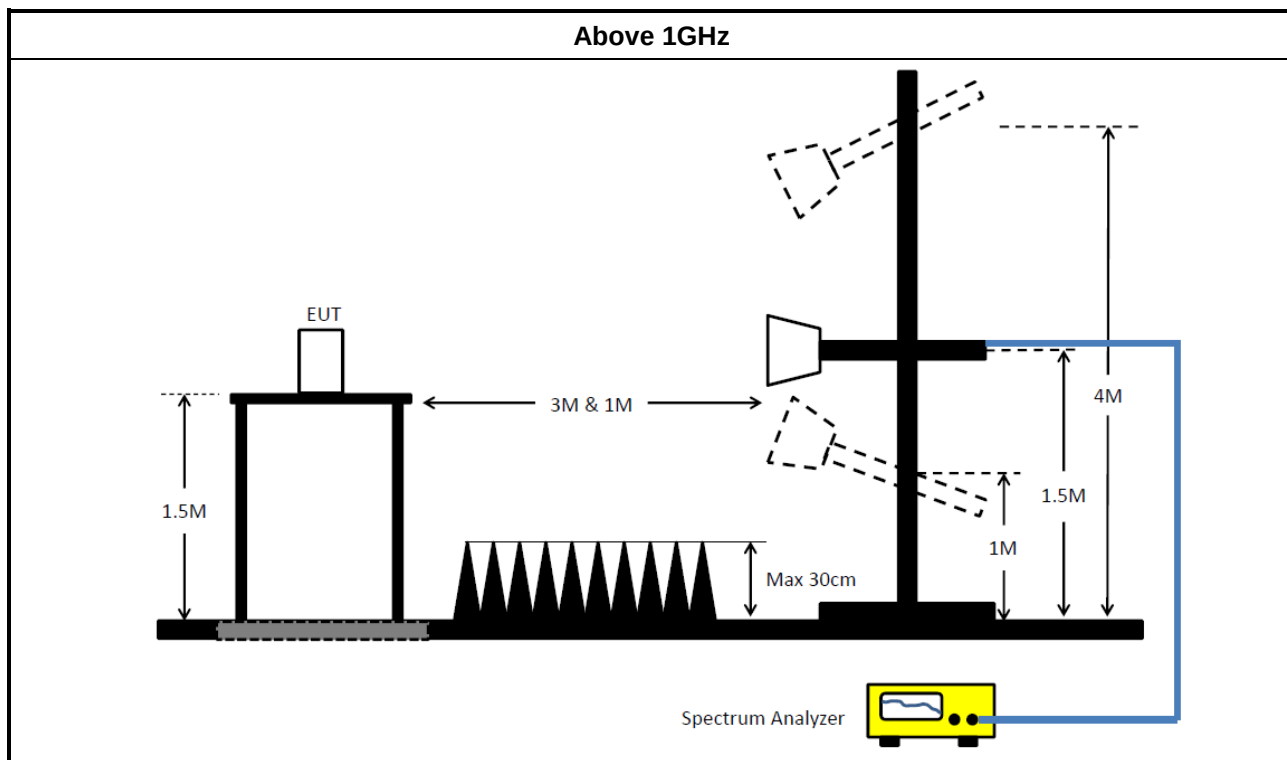
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A03	183621	100kHz~40GHz	30/Dec/2025	29/Dec/2026
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15247_DTS	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	15/Aug/2025	14/Aug/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV40	101013	10Hz~44GHz	22/Apr/2025	21/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N -06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.27	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

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



**Conducted Emissions at Powerline_
Radio 1_AP5022S6D**

Appendix A.1

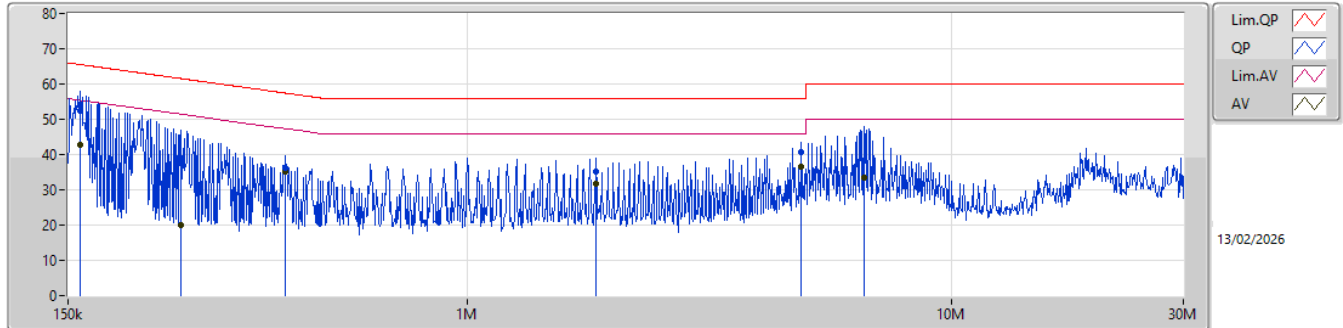
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	4.89M	36.72	46.00	-9.28	Line
Mode 2	Pass	QP	160.53k	51.70	65.43	-13.73	Line

Result

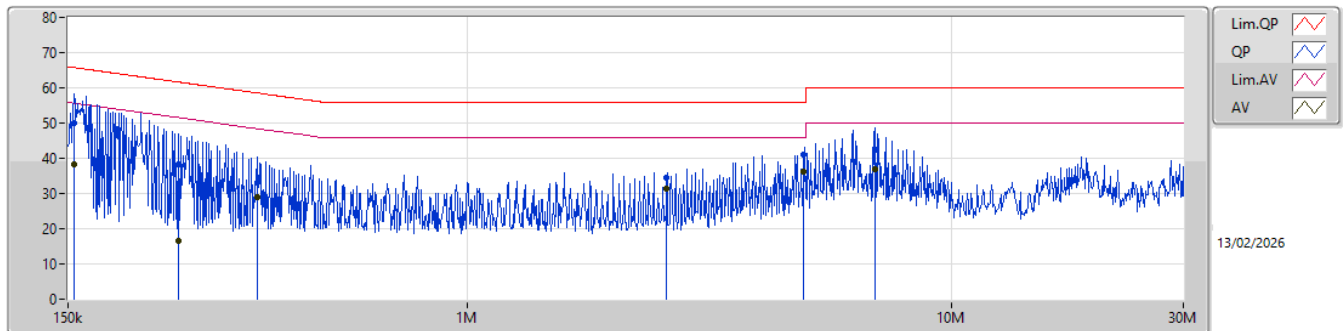
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159.26k	52.36	65.50	-13.14	Line
Mode 1	Pass	AV	159.26k	42.59	55.50	-12.91	Line
Mode 1	Pass	QP	257.12k	37.49	61.53	-24.04	Line
Mode 1	Pass	AV	257.12k	19.99	51.53	-31.54	Line
Mode 1	Pass	QP	421.82k	36.12	57.41	-21.29	Line
Mode 1	Pass	AV	421.82k	35.34	47.41	-12.07	Line
Mode 1	Pass	QP	1.84M	35.15	56.00	-20.85	Line
Mode 1	Pass	AV	1.84M	31.70	46.00	-14.30	Line
Mode 1	Pass	QP	4.89M	40.59	56.00	-15.41	Line
Mode 1	Pass	AV	4.89M	36.72	46.00	-9.28	Line
Mode 1	Pass	QP	6.58M	38.14	60.00	-21.86	Line
Mode 1	Pass	AV	6.58M	33.59	50.00	-16.41	Line
Mode 1	Pass	QP	154.25k	49.91	65.77	-15.86	Neutral
Mode 1	Pass	AV	154.25k	38.26	55.77	-17.51	Neutral
Mode 1	Pass	QP	253.05k	38.22	61.66	-23.44	Neutral
Mode 1	Pass	AV	253.05k	16.47	51.66	-35.19	Neutral
Mode 1	Pass	QP	368.28k	33.17	58.54	-25.37	Neutral
Mode 1	Pass	AV	368.28k	28.89	48.54	-19.65	Neutral
Mode 1	Pass	QP	2.58M	34.33	56.00	-21.67	Neutral
Mode 1	Pass	AV	2.58M	31.38	46.00	-14.62	Neutral
Mode 1	Pass	QP	4.95M	40.96	56.00	-15.04	Neutral
Mode 1	Pass	AV	4.95M	36.36	46.00	-9.64	Neutral
Mode 1	Pass	QP	6.95M	42.38	60.00	-17.62	Neutral
Mode 1	Pass	AV	6.95M	36.97	50.00	-13.03	Neutral
Mode 2	Pass	QP	160.53k	51.70	65.43	-13.73	Line
Mode 2	Pass	AV	160.53k	32.56	55.43	-22.87	Line
Mode 2	Pass	QP	252.04k	38.82	61.70	-22.88	Line
Mode 2	Pass	AV	252.04k	25.33	51.70	-26.37	Line
Mode 2	Pass	QP	473.59k	33.60	56.46	-22.86	Line
Mode 2	Pass	AV	473.59k	26.43	46.46	-20.03	Line
Mode 2	Pass	QP	1.11M	26.10	56.00	-29.90	Line
Mode 2	Pass	AV	1.11M	21.69	46.00	-24.31	Line
Mode 2	Pass	QP	4.17M	24.26	56.00	-31.74	Line
Mode 2	Pass	AV	4.17M	20.52	46.00	-25.48	Line
Mode 2	Pass	QP	21.95M	35.25	60.00	-24.75	Line
Mode 2	Pass	AV	21.95M	33.47	50.00	-16.53	Line
Mode 2	Pass	QP	151.81k	44.96	65.90	-20.94	Neutral
Mode 2	Pass	AV	151.81k	24.37	55.90	-31.53	Neutral
Mode 2	Pass	QP	253.05k	41.51	61.66	-20.15	Neutral
Mode 2	Pass	AV	253.05k	29.34	51.66	-22.32	Neutral
Mode 2	Pass	QP	358.13k	32.99	58.77	-25.78	Neutral
Mode 2	Pass	AV	358.13k	22.46	48.77	-26.31	Neutral
Mode 2	Pass	QP	2.09M	29.25	56.00	-26.75	Neutral
Mode 2	Pass	AV	2.09M	24.27	46.00	-21.73	Neutral
Mode 2	Pass	QP	2.9M	27.17	56.00	-28.83	Neutral
Mode 2	Pass	AV	2.9M	22.96	46.00	-23.04	Neutral
Mode 2	Pass	QP	5.56M	30.14	60.00	-29.86	Neutral
Mode 2	Pass	AV	5.56M	22.92	50.00	-27.08	Neutral

Conducted Emissions at Powerline_Mode 1



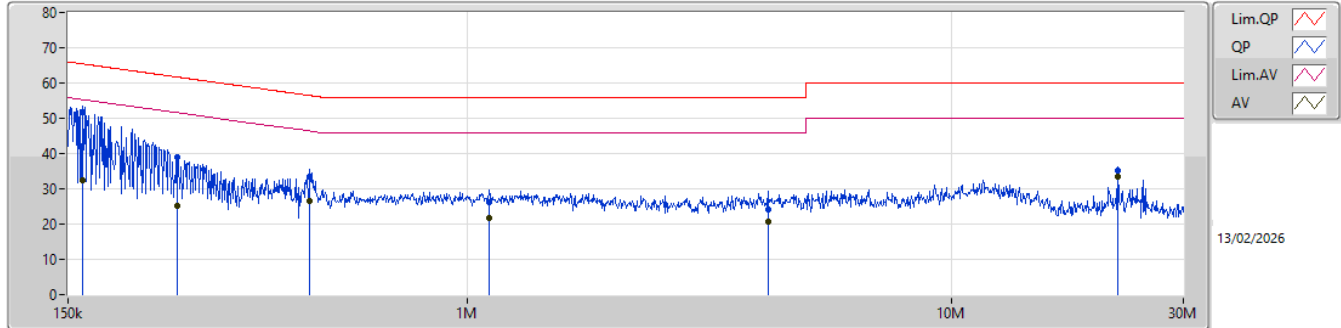
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	159.26k	52.36	65.50	-13.14	19.66	Line	32.70	9.64	0.08	9.94								
AV	159.26k	42.59	55.50	-12.91	19.66	Line	22.93	9.64	0.08	9.94								
QP	257.12k	37.49	61.53	-24.04	19.65	Line	17.84	9.63	0.08	9.94								
AV	257.12k	19.99	51.53	-31.54	19.65	Line	0.34	9.63	0.08	9.94								
QP	421.82k	36.12	57.41	-21.29	19.66	Line	16.46	9.63	0.09	9.94								
AV	421.82k	35.34	47.41	-12.07	19.66	Line	15.68	9.63	0.09	9.94								
QP	1.84M	35.15	56.00	-20.85	19.74	Line	15.41	9.64	0.15	9.95								
AV	1.84M	31.70	46.00	-14.30	19.74	Line	11.96	9.64	0.15	9.95								
QP	4.89M	40.59	56.00	-15.41	19.82	Line	20.77	9.66	0.20	9.96								
AV	4.89M	36.72	46.00	-9.28	19.82	Line	16.90	9.66	0.20	9.96								
QP	6.58M	38.14	60.00	-21.86	19.86	Line	18.28	9.67	0.22	9.97								
AV	6.58M	33.59	50.00	-16.41	19.86	Line	13.73	9.67	0.22	9.97								

Conducted Emissions at Powerline_Mode 1



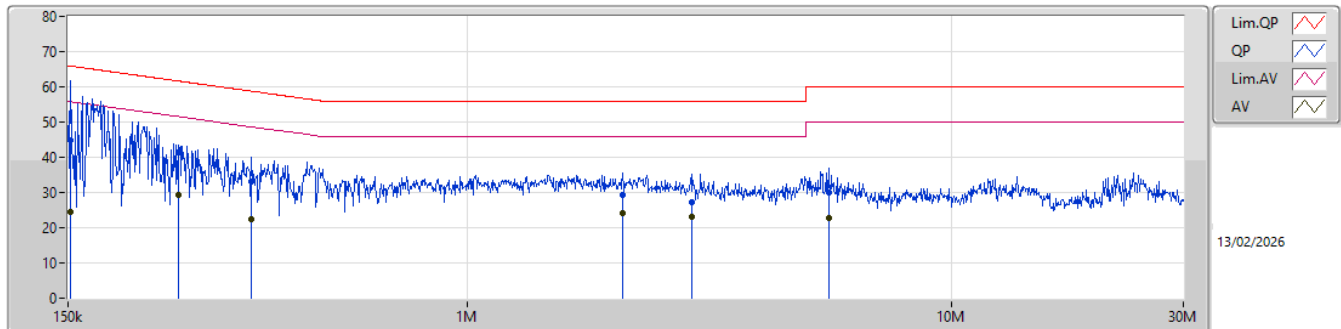
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	154.25k	49.91	65.77	-15.86	19.67	Neutral	30.24	9.65	0.08	9.94								
AV	154.25k	38.26	55.77	-17.51	19.67	Neutral	18.59	9.65	0.08	9.94								
QP	253.05k	38.22	61.66	-23.44	19.66	Neutral	18.56	9.64	0.08	9.94								
AV	253.05k	16.47	51.66	-35.19	19.66	Neutral	-3.19	9.64	0.08	9.94								
QP	368.28k	33.17	58.54	-25.37	19.67	Neutral	13.50	9.64	0.09	9.94								
AV	368.28k	28.89	48.54	-19.65	19.67	Neutral	9.22	9.64	0.09	9.94								
QP	2.58M	34.33	56.00	-21.67	19.76	Neutral	14.57	9.65	0.16	9.95								
AV	2.58M	31.38	46.00	-14.62	19.76	Neutral	11.62	9.65	0.16	9.95								
QP	4.95M	40.96	56.00	-15.04	19.83	Neutral	21.13	9.67	0.20	9.96								
AV	4.95M	36.36	46.00	-9.64	19.83	Neutral	16.53	9.67	0.20	9.96								
QP	6.95M	42.38	60.00	-17.62	19.89	Neutral	22.49	9.69	0.23	9.97								
AV	6.95M	36.97	50.00	-13.03	19.89	Neutral	17.08	9.69	0.23	9.97								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	160.53k	51.70	65.43	-13.73	19.66	Line	32.04	9.64	0.08	9.94								
AV	160.53k	32.56	55.43	-22.87	19.66	Line	12.90	9.64	0.08	9.94								
QP	252.04k	38.82	61.70	-22.88	19.65	Line	19.17	9.63	0.08	9.94								
AV	252.04k	25.33	51.70	-26.37	19.65	Line	5.68	9.63	0.08	9.94								
QP	473.59k	33.60	56.46	-22.86	19.66	Line	13.94	9.63	0.09	9.94								
AV	473.59k	26.43	46.46	-20.03	19.66	Line	6.77	9.63	0.09	9.94								
QP	1.11M	26.10	56.00	-29.90	19.69	Line	6.41	9.63	0.12	9.94								
AV	1.11M	21.69	46.00	-24.31	19.69	Line	2.00	9.63	0.12	9.94								
QP	4.17M	24.26	56.00	-31.74	19.79	Line	4.47	9.65	0.19	9.95								
AV	4.17M	20.52	46.00	-25.48	19.79	Line	0.73	9.65	0.19	9.95								
QP	21.95M	35.25	60.00	-24.75	20.04	Line	15.21	9.62	0.38	10.04								
AV	21.95M	33.47	50.00	-16.53	20.04	Line	13.43	9.62	0.38	10.04								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.81k	44.96	65.90	-20.94	19.67	Neutral	25.29	9.65	0.08	9.94								
AV	151.81k	24.37	55.90	-31.53	19.67	Neutral	4.70	9.65	0.08	9.94								
QP	253.05k	41.51	61.66	-20.15	19.66	Neutral	21.85	9.64	0.08	9.94								
AV	253.05k	29.34	51.66	-22.32	19.66	Neutral	9.68	9.64	0.08	9.94								
QP	358.13k	32.99	58.77	-25.78	19.67	Neutral	13.32	9.64	0.09	9.94								
AV	358.13k	22.46	48.77	-26.31	19.67	Neutral	2.79	9.64	0.09	9.94								
QP	2.09M	29.25	56.00	-26.75	19.75	Neutral	9.50	9.65	0.15	9.95								
AV	2.09M	24.27	46.00	-21.73	19.75	Neutral	4.52	9.65	0.15	9.95								
QP	2.9M	27.17	56.00	-28.83	19.78	Neutral	7.39	9.66	0.17	9.95								
AV	2.9M	22.96	46.00	-23.04	19.78	Neutral	3.18	9.66	0.17	9.95								
QP	5.56M	30.14	60.00	-29.86	19.85	Neutral	10.29	9.68	0.21	9.96								
AV	5.56M	22.92	50.00	-27.08	19.85	Neutral	3.07	9.68	0.21	9.96								



**Conducted Emissions at Powerline_
Scan Radio_AP5022S6D**

Appendix A.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	361k	34.10	48.70	-14.60	Line
Mode 2	Pass	QP	157.36k	55.49	65.60	-10.11	Line



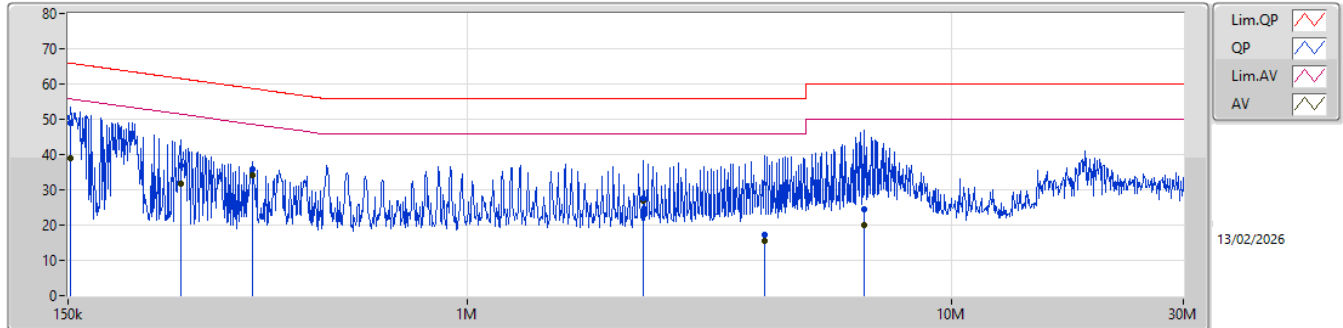
Conducted Emissions at Powerline Scan Radio AP5022S6D

Appendix A.2

Result

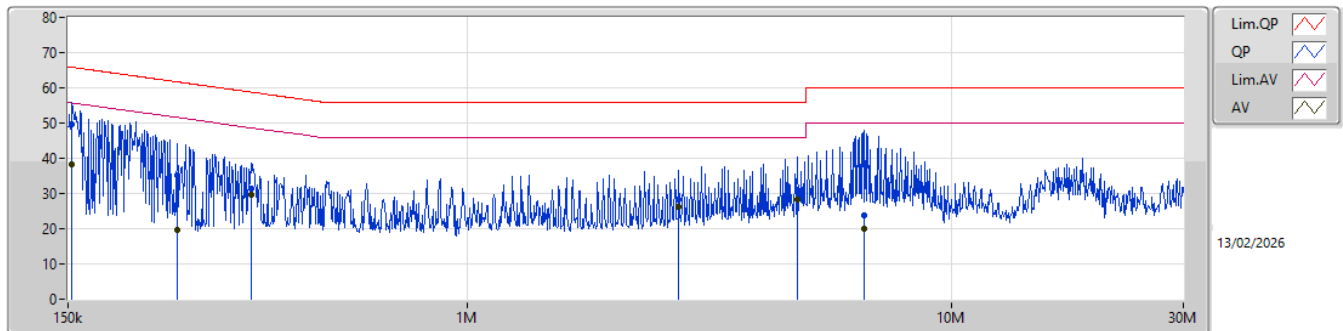
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.81k	49.00	65.90	-16.90	Line
Mode 1	Pass	AV	151.81k	38.91	55.90	-16.99	Line
Mode 1	Pass	QP	256.1k	36.79	61.56	-24.77	Line
Mode 1	Pass	AV	256.1k	31.69	51.56	-19.87	Line
Mode 1	Pass	QP	361k	35.85	58.70	-22.85	Line
Mode 1	Pass	AV	361k	34.10	48.70	-14.60	Line
Mode 1	Pass	QP	2.31M	27.73	56.00	-28.27	Line
Mode 1	Pass	AV	2.31M	27.05	46.00	-18.95	Line
Mode 1	Pass	QP	4.11M	17.19	56.00	-38.81	Line
Mode 1	Pass	AV	4.11M	15.64	46.00	-30.36	Line
Mode 1	Pass	QP	6.58M	24.65	60.00	-35.35	Line
Mode 1	Pass	AV	6.58M	20.14	50.00	-29.86	Line
Mode 1	Pass	QP	153.02k	49.67	65.83	-16.16	Neutral
Mode 1	Pass	AV	153.02k	38.31	55.83	-17.52	Neutral
Mode 1	Pass	QP	252.04k	35.34	61.70	-26.36	Neutral
Mode 1	Pass	AV	252.04k	19.56	51.70	-32.14	Neutral
Mode 1	Pass	QP	358.13k	31.33	58.77	-27.44	Neutral
Mode 1	Pass	AV	358.13k	29.49	48.77	-19.28	Neutral
Mode 1	Pass	QP	2.73M	28.33	56.00	-27.67	Neutral
Mode 1	Pass	AV	2.73M	26.13	46.00	-19.87	Neutral
Mode 1	Pass	QP	4.8M	30.99	56.00	-25.01	Neutral
Mode 1	Pass	AV	4.8M	28.17	46.00	-17.83	Neutral
Mode 1	Pass	QP	6.6M	23.94	60.00	-36.06	Neutral
Mode 1	Pass	AV	6.6M	19.86	50.00	-30.14	Neutral
Mode 2	Pass	QP	157.36k	55.49	65.60	-10.11	Line
Mode 2	Pass	AV	157.36k	35.05	55.60	-20.55	Line
Mode 2	Pass	QP	256.1k	40.93	61.56	-20.63	Line
Mode 2	Pass	AV	256.1k	28.48	51.56	-23.08	Line
Mode 2	Pass	QP	475.48k	33.60	56.42	-22.82	Line
Mode 2	Pass	AV	475.48k	26.09	46.42	-20.33	Line
Mode 2	Pass	QP	644.02k	28.32	56.00	-27.68	Line
Mode 2	Pass	AV	644.02k	21.60	46.00	-24.40	Line
Mode 2	Pass	QP	4.17M	24.52	56.00	-31.48	Line
Mode 2	Pass	AV	4.17M	20.64	46.00	-25.36	Line
Mode 2	Pass	QP	21.95M	33.46	60.00	-26.54	Line
Mode 2	Pass	AV	21.95M	30.59	50.00	-19.41	Line
Mode 2	Pass	QP	150k	47.31	66.00	-18.69	Neutral
Mode 2	Pass	AV	150k	25.71	56.00	-30.29	Neutral
Mode 2	Pass	QP	259.19k	40.43	61.45	-21.02	Neutral
Mode 2	Pass	AV	259.19k	26.61	51.45	-24.84	Neutral
Mode 2	Pass	QP	353.87k	34.03	58.87	-24.84	Neutral
Mode 2	Pass	AV	353.87k	23.69	48.87	-25.18	Neutral
Mode 2	Pass	QP	1.5M	29.31	56.00	-26.69	Neutral
Mode 2	Pass	AV	1.5M	23.94	46.00	-22.06	Neutral
Mode 2	Pass	QP	4.78M	27.12	56.00	-28.88	Neutral
Mode 2	Pass	AV	4.78M	22.24	46.00	-23.76	Neutral
Mode 2	Pass	QP	21.95M	33.14	60.00	-26.86	Neutral
Mode 2	Pass	AV	21.95M	30.37	50.00	-19.63	Neutral

Conducted Emissions at Powerline_Mode 1



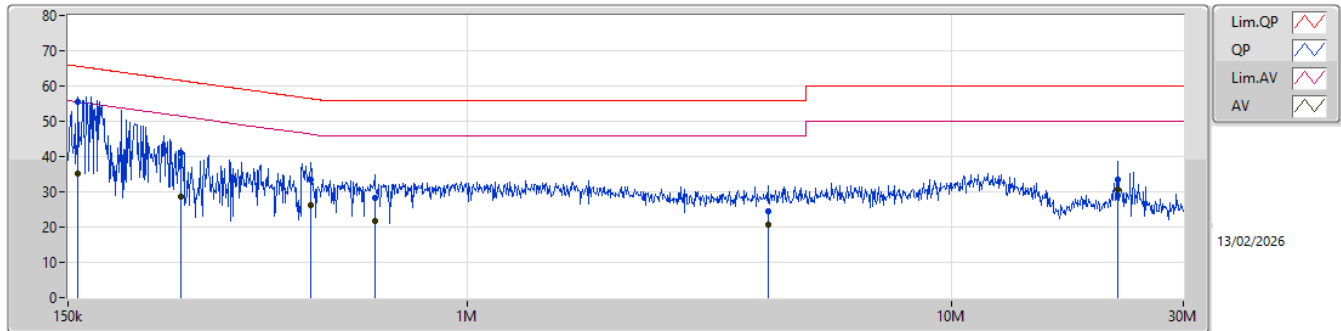
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.81k	49.00	65.90	-16.90	19.66	Line	29.34	9.64	0.08	9.94								
AV	151.81k	38.91	55.90	-16.99	19.66	Line	19.25	9.64	0.08	9.94								
QP	256.1k	36.79	61.56	-24.77	19.65	Line	17.14	9.63	0.08	9.94								
AV	256.1k	31.69	51.56	-19.87	19.65	Line	12.04	9.63	0.08	9.94								
QP	361k	35.85	58.70	-22.85	19.66	Line	16.19	9.63	0.09	9.94								
AV	361k	34.10	48.70	-14.60	19.66	Line	14.44	9.63	0.09	9.94								
QP	2.31M	27.73	56.00	-28.27	19.75	Line	7.98	9.64	0.16	9.95								
AV	2.31M	27.05	46.00	-18.95	19.75	Line	7.30	9.64	0.16	9.95								
QP	4.11M	17.19	56.00	-38.81	19.79	Line	-2.60	9.65	0.19	9.95								
AV	4.11M	15.64	46.00	-30.36	19.79	Line	-4.15	9.65	0.19	9.95								
QP	6.58M	24.65	60.00	-35.35	19.86	Line	4.79	9.67	0.22	9.97								
AV	6.58M	20.14	50.00	-29.86	19.86	Line	0.28	9.67	0.22	9.97								

Conducted Emissions at Powerline_Mode 1



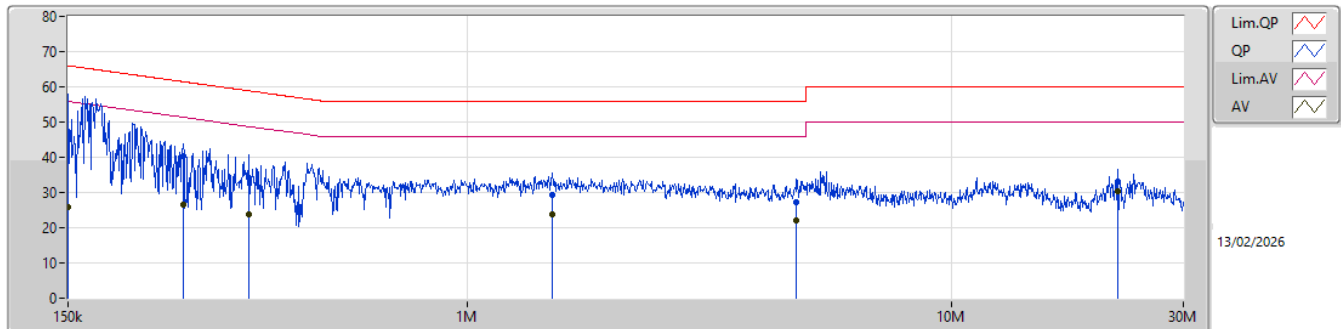
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	153.02k	49.67	65.83	-16.16	19.67	Neutral	30.00	9.65	0.08	9.94								
AV	153.02k	38.31	55.83	-17.52	19.67	Neutral	18.64	9.65	0.08	9.94								
QP	252.04k	35.34	61.70	-26.36	19.66	Neutral	15.68	9.64	0.08	9.94								
AV	252.04k	19.56	51.70	-32.14	19.66	Neutral	-0.10	9.64	0.08	9.94								
QP	358.13k	31.33	58.77	-27.44	19.67	Neutral	11.66	9.64	0.09	9.94								
AV	358.13k	29.49	48.77	-19.28	19.67	Neutral	9.82	9.64	0.09	9.94								
QP	2.73M	28.33	56.00	-27.67	19.77	Neutral	8.56	9.65	0.17	9.95								
AV	2.73M	26.13	46.00	-19.87	19.77	Neutral	6.36	9.65	0.17	9.95								
QP	4.8M	30.99	56.00	-25.01	19.83	Neutral	11.16	9.67	0.20	9.96								
AV	4.8M	28.17	46.00	-17.83	19.83	Neutral	8.34	9.67	0.20	9.96								
QP	6.6M	23.94	60.00	-36.06	19.88	Neutral	4.06	9.69	0.22	9.97								
AV	6.6M	19.86	50.00	-30.14	19.88	Neutral	-0.02	9.69	0.22	9.97								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	157.36k	55.49	65.60	-10.11	19.66	Line	35.83	9.64	0.08	9.94								
AV	157.36k	35.05	55.60	-20.55	19.66	Line	15.39	9.64	0.08	9.94								
QP	256.1k	40.93	61.56	-20.63	19.65	Line	21.28	9.63	0.08	9.94								
AV	256.1k	28.48	51.56	-23.08	19.65	Line	8.83	9.63	0.08	9.94								
QP	475.48k	33.60	56.42	-22.82	19.66	Line	13.94	9.63	0.09	9.94								
AV	475.48k	26.09	46.42	-20.33	19.66	Line	6.43	9.63	0.09	9.94								
QP	644.02k	28.32	56.00	-27.68	19.67	Line	8.65	9.63	0.10	9.94								
AV	644.02k	21.60	46.00	-24.40	19.67	Line	1.93	9.63	0.10	9.94								
QP	4.17M	24.52	56.00	-31.48	19.79	Line	4.73	9.65	0.19	9.95								
AV	4.17M	20.64	46.00	-25.36	19.79	Line	0.85	9.65	0.19	9.95								
QP	21.95M	33.46	60.00	-26.54	20.04	Line	13.42	9.62	0.38	10.04								
AV	21.95M	30.59	50.00	-19.41	20.04	Line	10.55	9.62	0.38	10.04								

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	150k	47.31	66.00	-18.69	19.67	Neutral	27.64	9.65	0.08	9.94								
AV	150k	25.71	56.00	-30.29	19.67	Neutral	6.04	9.65	0.08	9.94								
QP	259.19k	40.43	61.45	-21.02	19.66	Neutral	20.77	9.64	0.08	9.94								
AV	259.19k	26.61	51.45	-24.84	19.66	Neutral	6.95	9.64	0.08	9.94								
QP	353.87k	34.03	58.87	-24.84	19.67	Neutral	14.36	9.64	0.09	9.94								
AV	353.87k	23.69	48.87	-25.18	19.67	Neutral	4.02	9.64	0.09	9.94								
QP	1.5M	29.31	56.00	-26.69	19.73	Neutral	9.58	9.65	0.13	9.95								
AV	1.5M	23.94	46.00	-22.06	19.73	Neutral	4.21	9.65	0.13	9.95								
QP	4.78M	27.12	56.00	-28.88	19.83	Neutral	7.29	9.67	0.20	9.96								
AV	4.78M	22.24	46.00	-23.76	19.83	Neutral	2.41	9.67	0.20	9.96								
QP	21.95M	33.14	60.00	-26.86	20.17	Neutral	12.97	9.75	0.38	10.04								
AV	21.95M	30.37	50.00	-19.63	20.17	Neutral	10.20	9.75	0.38	10.04								

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.315M	11.544M	11M5G1D	7.315M	10.445M
802.11g_Nss1,(6Mbps)_1TX	16.83M	17.426M	17M4D1D	16.39M	17.371M
802.11be EHT20_Nss1,(MCS0)_1TX	19.25M	19.405M	19M4D1D	18.975M	19.24M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.315M	11.544M
2437MHz	Pass	500k	7.315M	10.445M
2462MHz	Pass	500k	7.315M	10.61M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.83M	17.426M
2437MHz	Pass	500k	16.39M	17.426M
2462MHz	Pass	500k	16.61M	17.371M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.975M	19.295M
2437MHz	Pass	500k	19.14M	19.405M
2462MHz	Pass	500k	19.25M	19.24M

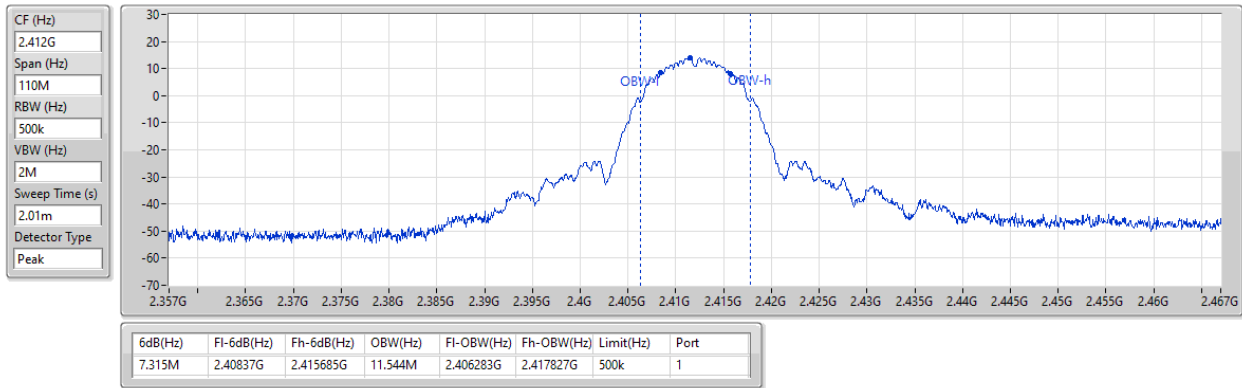
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

20/01/2026

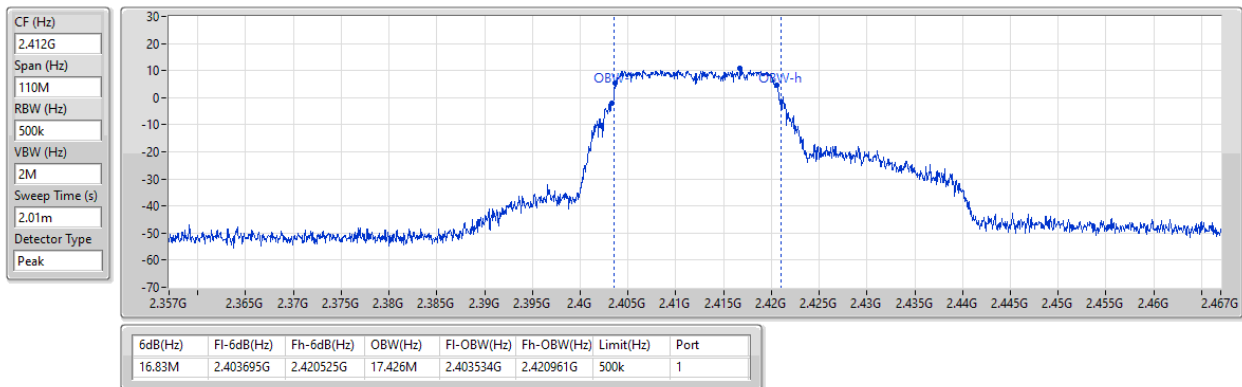


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

20/01/2026

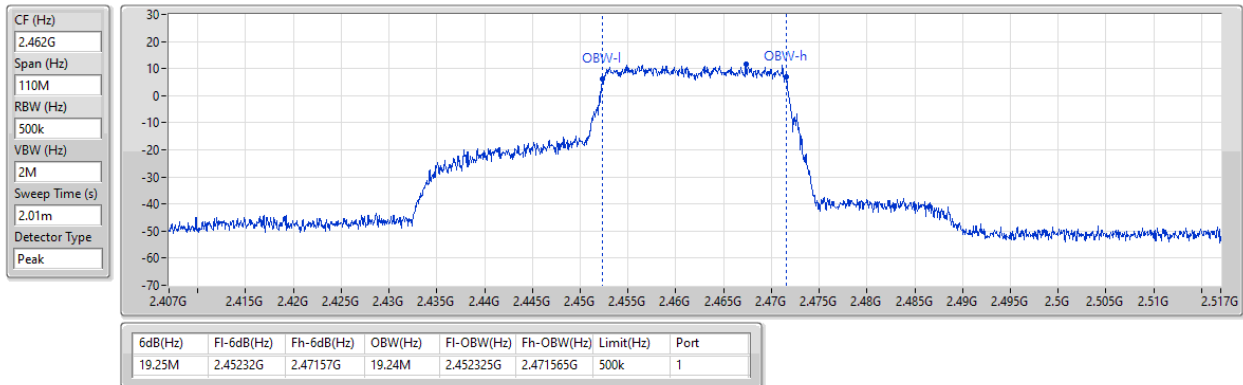


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

2462MHz

20/01/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.315M	11.269M	11M3G1D	7.315M	10.445M
802.11g_Nss1,(6Mbps)_2TX	16.445M	17.481M	17M5D1D	16.335M	17.261M
802.11be EHT20_Nss1,(MCS0)_2TX	19.03M	19.35M	19M4D1D	18.425M	19.185M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.315M	11.269M	7.315M	10.83M
2437MHz	Pass	500k	7.315M	10.445M	7.315M	10.61M
2462MHz	Pass	500k	7.315M	10.665M	7.315M	10.445M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.335M	17.426M	16.39M	17.261M
2437MHz	Pass	500k	16.39M	17.426M	16.335M	17.316M
2462MHz	Pass	500k	16.445M	17.426M	16.39M	17.481M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.03M	19.24M	18.975M	19.35M
2437MHz	Pass	500k	18.975M	19.295M	18.425M	19.24M
2462MHz	Pass	500k	18.7M	19.295M	18.755M	19.185M

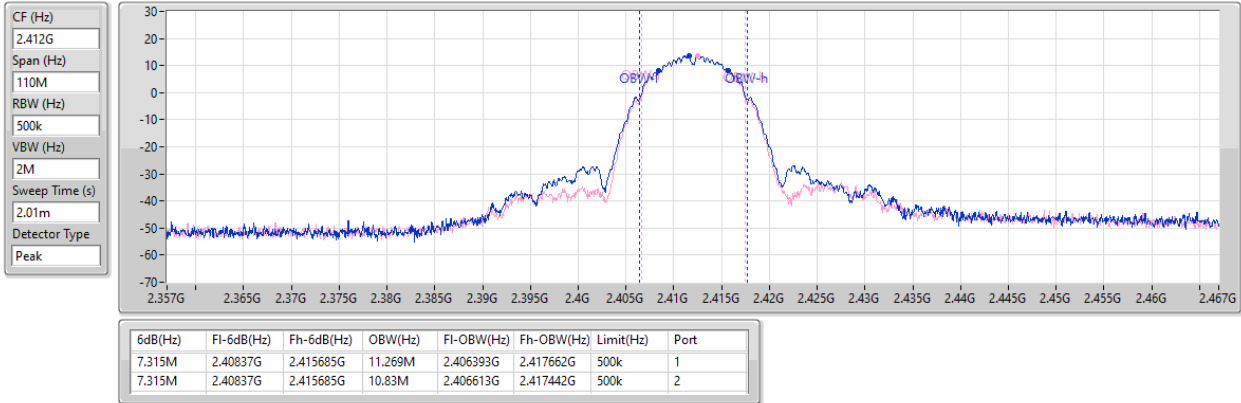
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

20/01/2026

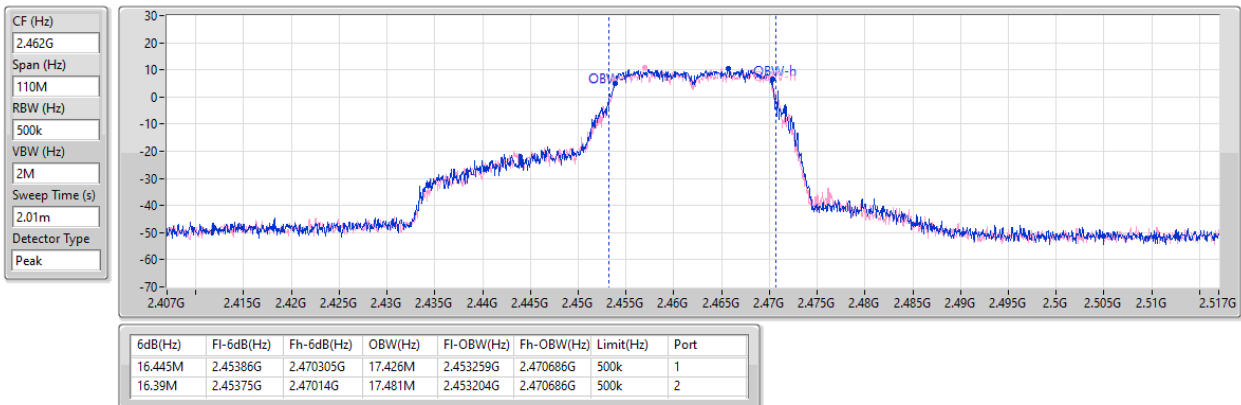


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

20/01/2026



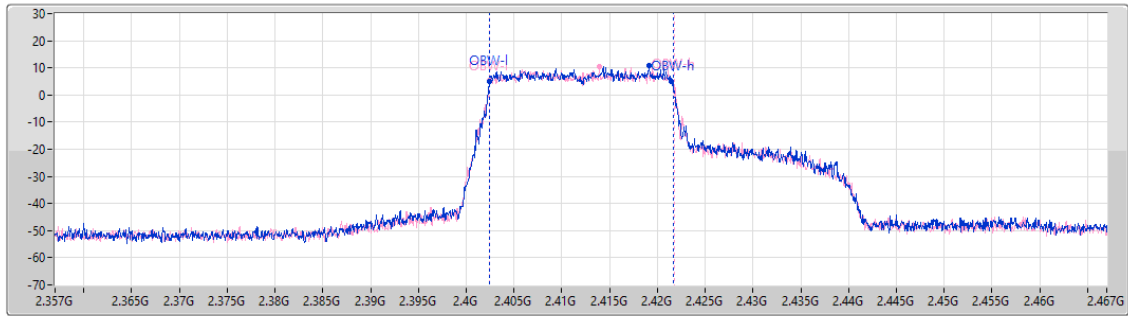
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

20/01/2026

CF (Hz)
2.412G
Span (Hz)
110M
RBW (Hz)
500k
VBW (Hz)
2M
Sweep Time (s)
2.01m
Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	2.40243G	2.42146G	19.24M	2.402435G	2.421675G	500k	1
18.975M	2.402485G	2.42146G	19.35M	2.402435G	2.421785G	500k	2

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.195M	19.35M	19M4D1D	18.865M	19.24M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.085M	19.35M	19.085M	19.295M
2437MHz	Pass	500k	18.865M	19.35M	19.195M	19.24M
2462MHz	Pass	500k	19.085M	19.295M	18.865M	19.24M

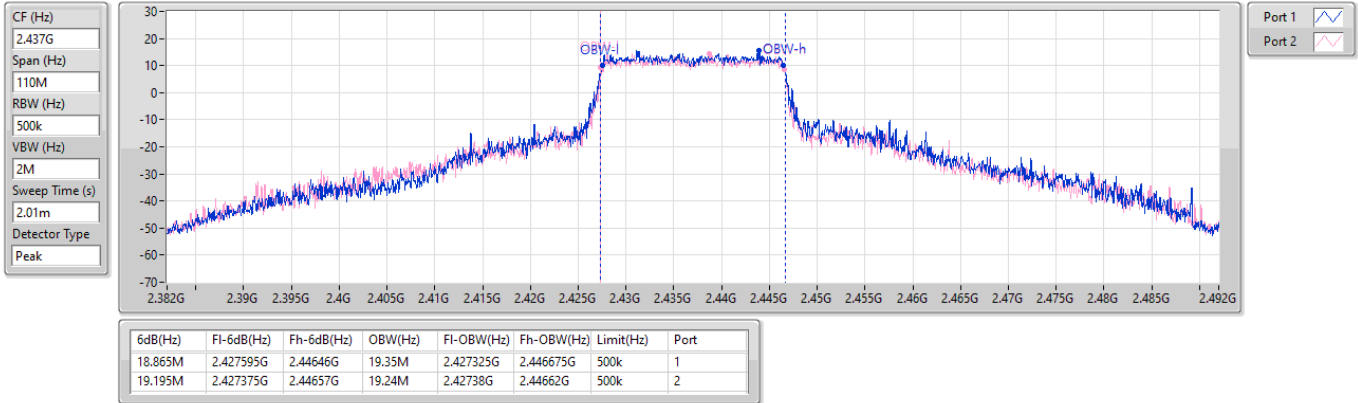
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2437MHz

20/01/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	7.37M	11.434M	11M4G1D	7.315M	10.335M
802.11g_Nss1,(6Mbps)_4TX	16.61M	17.591M	17M6D1D	16.17M	17.316M
802.11be EHT20_Nss1,(MCS0)_4TX	19.25M	19.35M	19M4D1D	18.645M	19.24M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; 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)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.315M	11.434M	7.315M	10.83M	7.315M	10.61M	7.315M	10.83M
2437MHz	Pass	500k	7.315M	10.445M	7.315M	10.665M	7.37M	11.159M	7.37M	10.555M
2462MHz	Pass	500k	7.37M	10.555M	7.315M	10.5M	7.315M	10.335M	7.37M	10.445M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.61M	17.371M	16.445M	17.426M	16.39M	17.481M	16.555M	17.426M
2437MHz	Pass	500k	16.39M	17.426M	16.5M	17.371M	16.61M	17.591M	16.39M	17.316M
2462MHz	Pass	500k	16.5M	17.371M	16.61M	17.426M	16.5M	17.481M	16.17M	17.371M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.92M	19.295M	18.92M	19.295M	18.92M	19.35M	19.03M	19.24M
2437MHz	Pass	500k	18.92M	19.35M	18.645M	19.24M	18.92M	19.35M	18.865M	19.295M
2462MHz	Pass	500k	19.25M	19.295M	19.085M	19.295M	18.865M	19.295M	18.865M	19.295M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

20/01/2026

CF (Hz)
2.437G

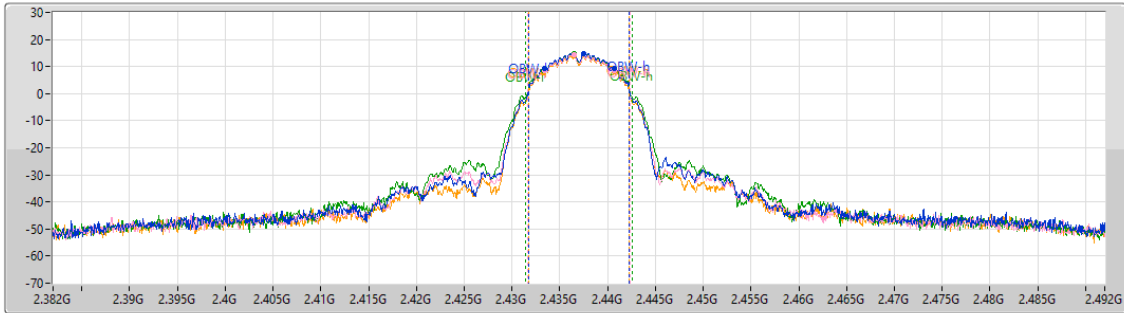
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1 

Port 2 

Port 3 

Port 4 

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.315M	2.43337G	2.440685G	10.445M	2.431778G	2.442222G	500k	1
7.315M	2.43337G	2.440685G	10.665M	2.431668G	2.442332G	500k	2
7.37M	2.433315G	2.440685G	11.159M	2.431393G	2.442552G	500k	3
7.37M	2.433315G	2.440685G	10.555M	2.431723G	2.442277G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

20/01/2026

CF (Hz)
2.412G

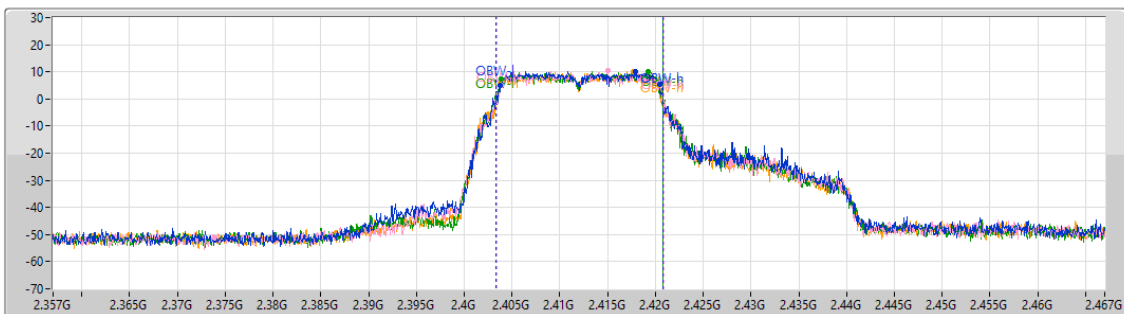
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1 

Port 2 

Port 3 

Port 4 

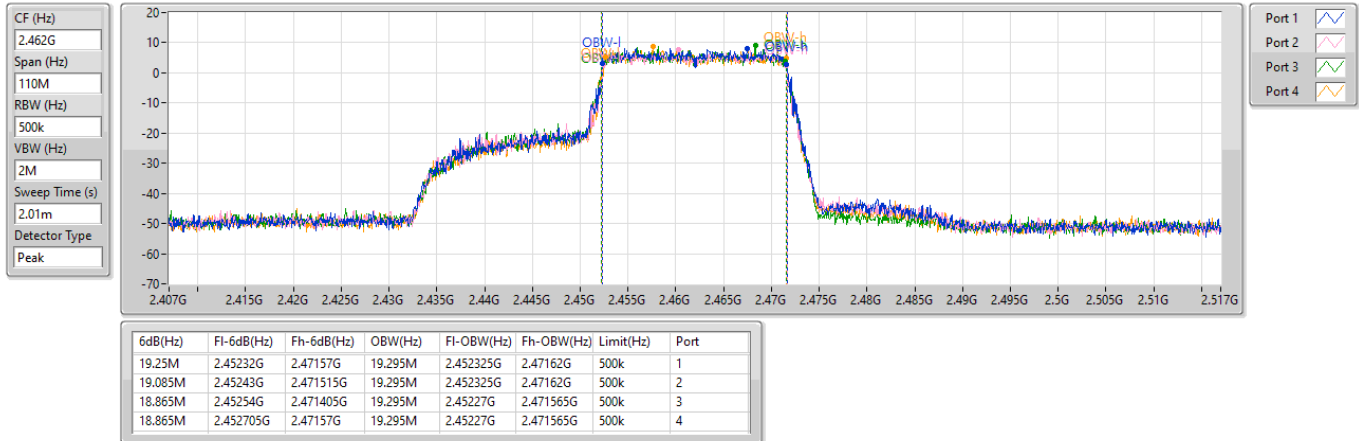
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.61M	2.403805G	2.420415G	17.371M	2.403369G	2.420741G	500k	1
16.445M	2.40386G	2.420305G	17.426M	2.403424G	2.420851G	500k	2
16.39M	2.40386G	2.42025G	17.481M	2.403314G	2.420796G	500k	3
16.555M	2.40375G	2.420305G	17.426M	2.403369G	2.420796G	500k	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

20/01/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	19.25M	19.405M	19M4D1D	18.7M	19.24M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; 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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.7M	19.295M	19.25M	19.405M	19.03M	19.35M	18.975M	19.35M
2437MHz	Pass	500k	18.975M	19.295M	18.81M	19.295M	18.81M	19.35M	19.03M	19.24M
2462MHz	Pass	500k	18.92M	19.295M	18.975M	19.35M	18.975M	19.35M	18.975M	19.24M

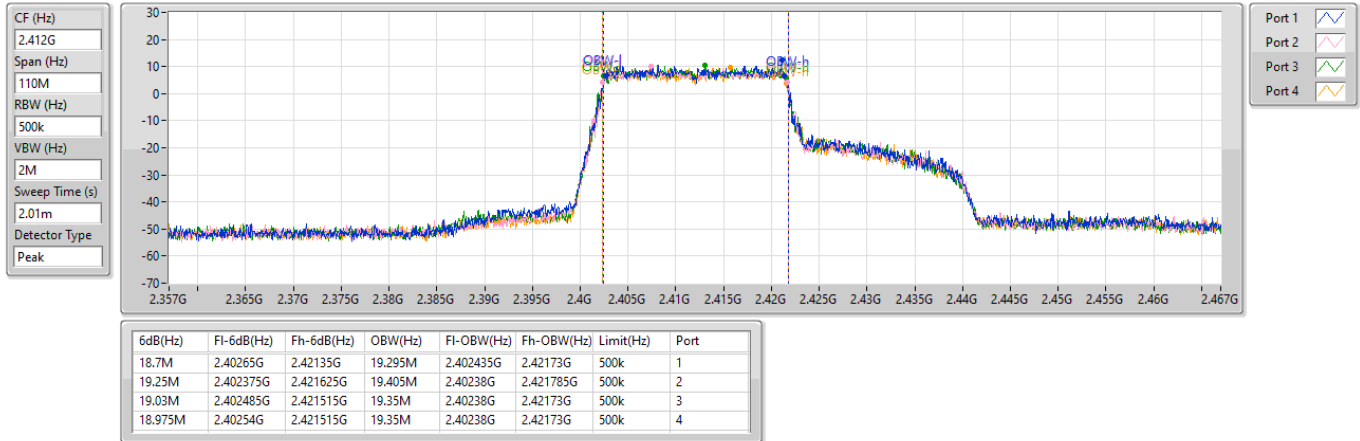
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20_Nss4,(MCS0)_4TX

EBW

2412MHz

20/01/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.315M	11.434M	11M4G1D	7.315M	10.5M
802.11g_Nss1,(6Mbps)_2TX	16.5M	17.481M	17M5D1D	16.225M	17.206M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.295M	19M3D1D	18.865M	19.24M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

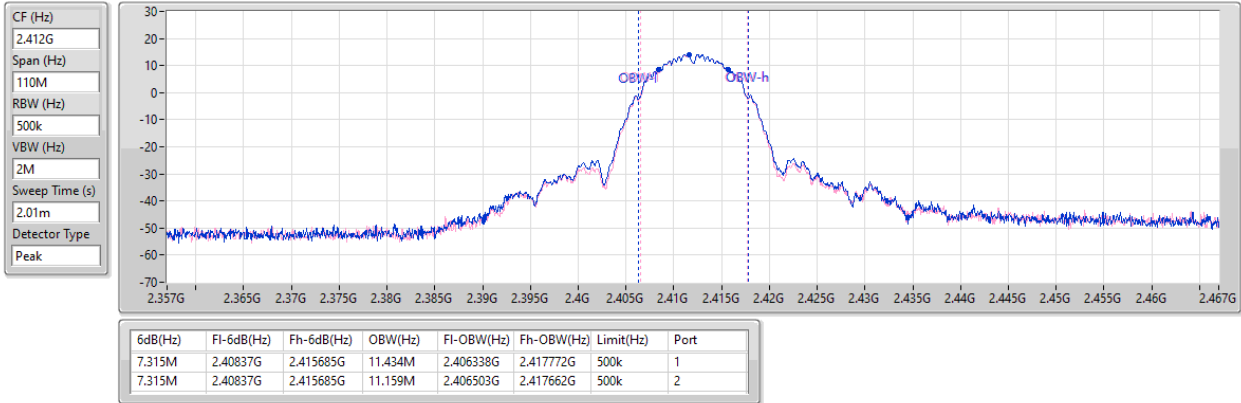
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.315M	11.434M	7.315M	11.159M
2437MHz	Pass	500k	7.315M	10.555M	7.315M	10.555M
2462MHz	Pass	500k	7.315M	10.555M	7.315M	10.5M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.39M	17.481M	16.5M	17.206M
2437MHz	Pass	500k	16.445M	17.426M	16.225M	17.206M
2462MHz	Pass	500k	16.28M	17.261M	16.335M	17.206M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.865M	19.295M	18.865M	19.24M
2437MHz	Pass	500k	19.14M	19.295M	19.03M	19.295M
2462MHz	Pass	500k	19.14M	19.24M	19.085M	19.24M

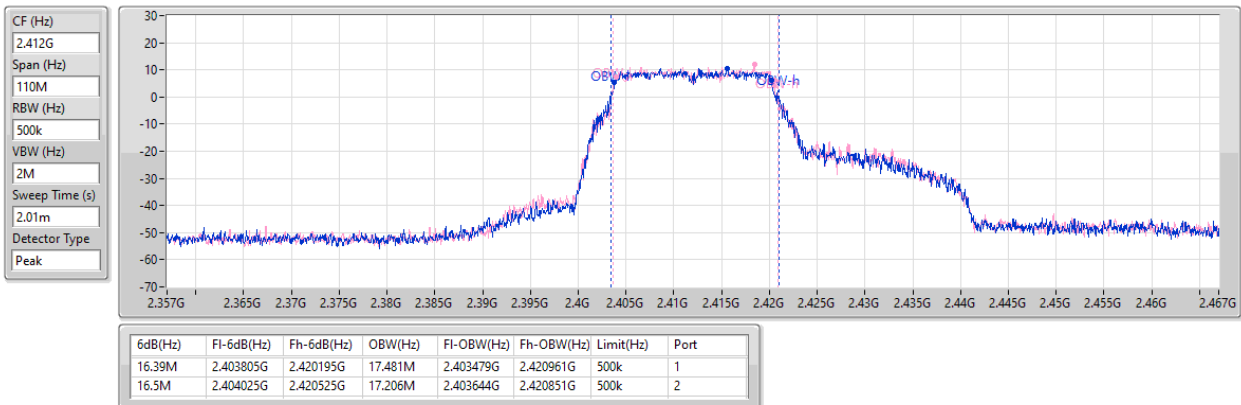
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

23/01/2026


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

23/01/2026

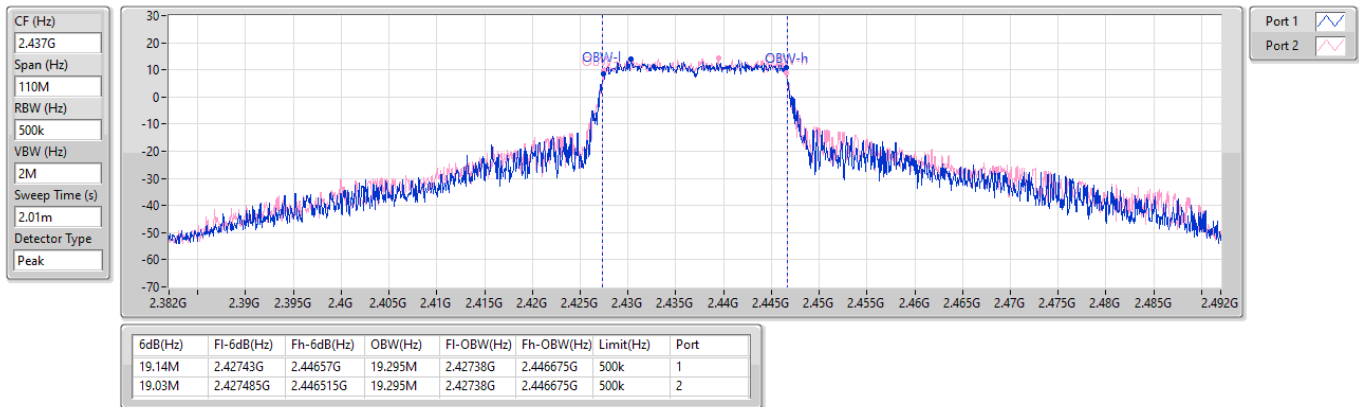


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

23/01/2026



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.25M	19.35M	19M4D1D	18.755M	19.24M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.92M	19.295M	19.25M	19.295M
2437MHz	Pass	500k	18.81M	19.295M	18.975M	19.24M
2462MHz	Pass	500k	18.755M	19.35M	19.195M	19.295M

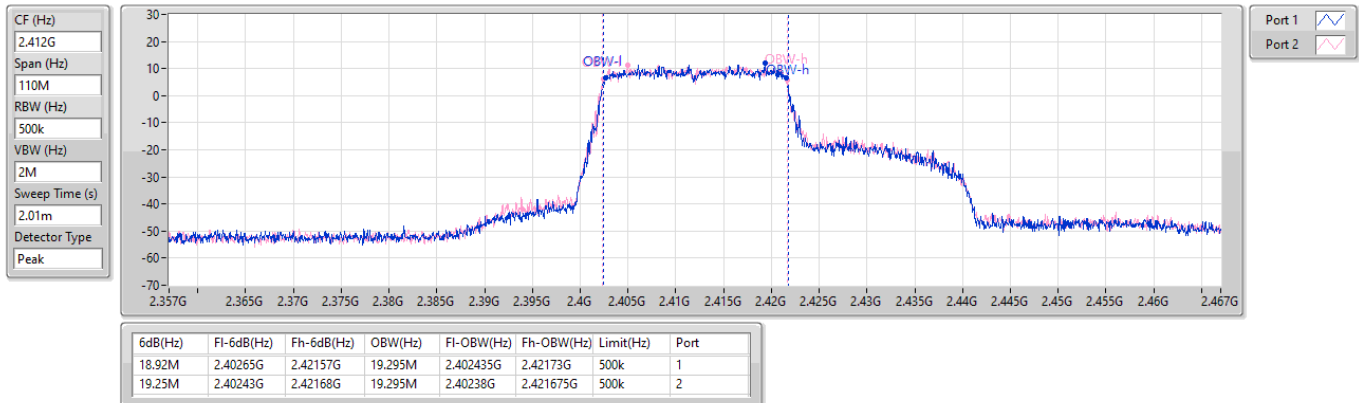
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2412MHz

23/01/2026





Average Power_Non-Beamforming_ Radio 1_1T1S_AP5022S6D

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.49	0.14093
802.11g_Nss1,(6Mbps)_1TX	21.57	0.14355
802.11be EHT20_Nss1,(MCS0)_1TX	21.38	0.13740



Average Power_Non-Beamforming_ Radio 1_1T1S_AP5022S6D

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.48	21.03	21.03	30.00
2437MHz	Pass	3.48	21.49	21.49	30.00
2462MHz	Pass	3.48	21.07	21.07	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.48	17.94	17.94	30.00
2417MHz	Pass	3.48	19.55	19.55	30.00
2437MHz	Pass	3.48	21.57	21.57	30.00
2457MHz	Pass	3.48	19.04	19.04	30.00
2462MHz	Pass	3.48	18.58	18.58	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.48	17.13	17.13	30.00
2417MHz	Pass	3.48	19.80	19.80	30.00
2437MHz	Pass	3.48	21.38	21.38	30.00
2457MHz	Pass	3.48	20.07	20.07	30.00
2462MHz	Pass	3.48	17.85	17.85	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



**Average Power _Non-Beamforming_
Radio 1_2T1S_AP5022S6D**

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.57	0.28642
802.11g_Nss1,(6Mbps)_2TX	24.07	0.25527
802.11be EHT20_Nss1,(MCS0)_2TX	23.72	0.23550



**Average Power _Non-Beamforming_
Radio 1_2T1S_AP5022S6D**

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.48	20.76	20.70	23.74	30.00
2417MHz	Pass	3.48	20.87	20.40	23.65	30.00
2437MHz	Pass	3.48	21.68	21.43	24.57	30.00
2462MHz	Pass	3.48	21.20	20.35	23.81	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.48	18.29	17.73	21.03	30.00
2417MHz	Pass	3.48	19.35	18.61	22.01	30.00
2437MHz	Pass	3.48	21.46	20.61	24.07	30.00
2457MHz	Pass	3.48	19.66	18.52	22.14	30.00
2462MHz	Pass	3.48	17.61	16.81	20.24	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.48	15.96	15.71	18.85	30.00
2417MHz	Pass	3.48	19.09	18.54	21.83	30.00
2437MHz	Pass	3.48	21.21	20.15	23.72	30.00
2457MHz	Pass	3.48	19.13	18.19	21.70	30.00
2462MHz	Pass	3.48	16.02	15.33	18.70	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Radio 1_2T2S_AP5022S6D

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.73	0.23605



Average Power_Non-Beamforming_ Radio 1_2T2S_AP5022S6D

Appendix C.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.48	16.27	15.89	19.09	30.00
2417MHz	Pass	3.48	19.83	18.97	22.43	30.00
2437MHz	Pass	3.48	21.20	20.17	23.73	30.00
2457MHz	Pass	3.48	18.91	17.99	21.48	30.00
2462MHz	Pass	3.48	15.53	15.12	18.34	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Radio 1_4T1S_AP5022S6D

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	27.20	0.52481
802.11g_Nss1,(6Mbps)_4TX	26.66	0.46345
802.11be EHT20_Nss1,(MCS0)_4TX	25.62	0.36475



Average Power_Non-Beamforming_ Radio 1_4T1S_AP5022S6D

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.48	20.92	20.48	21.27	20.29	26.78	30.00
2417MHz	Pass	3.48	21.09	20.60	21.47	20.35	26.92	30.00
2437MHz	Pass	3.48	21.45	21.00	21.62	20.58	27.20	30.00
2457MHz	Pass	3.48	20.83	20.04	20.64	20.11	26.44	30.00
2462MHz	Pass	3.48	20.04	19.36	19.79	19.20	25.63	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.48	17.33	16.94	17.35	16.58	23.08	30.00
2417MHz	Pass	3.48	19.46	18.61	19.16	18.29	24.92	30.00
2437MHz	Pass	3.48	21.28	20.42	20.80	19.94	26.66	30.00
2457MHz	Pass	3.48	18.66	17.90	18.15	17.64	24.12	30.00
2462MHz	Pass	3.48	15.52	14.97	14.98	14.66	21.06	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.48	16.41	15.89	16.10	15.42	21.99	30.00
2417MHz	Pass	3.48	18.93	18.34	18.83	17.66	24.49	30.00
2437MHz	Pass	3.48	20.07	19.40	19.87	18.98	25.62	30.00
2457MHz	Pass	3.48	18.72	17.75	18.04	17.36	24.02	30.00
2462MHz	Pass	3.48	14.65	14.19	14.17	13.90	20.26	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Radio 1_4T4S_AP5022S6D

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	26.03	0.40087



Average Power_Non-Beamforming_ Radio 1_4T4S_AP5022S6D

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.48	16.65	16.13	16.56	15.72	22.30	30.00
2417MHz	Pass	3.48	19.29	18.63	19.13	18.33	24.88	30.00
2437MHz	Pass	3.48	20.62	19.87	19.98	19.48	26.03	30.00
2457MHz	Pass	3.48	18.28	17.41	17.61	16.99	23.62	30.00
2462MHz	Pass	3.48	16.13	15.32	15.42	14.98	21.50	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_ Scan Radio_2T1S_AP5022S6D

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.29	0.26853
802.11g_Nss1,(6Mbps)_2TX	22.55	0.17989
802.11be EHT20_Nss1,(MCS0)_2TX	22.51	0.17824



Average Power_Non-Beamforming_ Scan Radio_2T1S_AP5022S6D

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	20.88	20.88	23.89	30.00
2437MHz	Pass	3.30	21.14	21.42	24.29	30.00
2457MHz	Pass	3.30	21.06	21.08	24.08	30.00
2462MHz	Pass	3.30	20.10	20.38	23.25	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	16.82	17.07	19.96	30.00
2417MHz	Pass	3.30	18.41	18.82	21.63	30.00
2437MHz	Pass	3.30	19.31	19.75	22.55	30.00
2457MHz	Pass	3.30	18.60	18.95	21.79	30.00
2462MHz	Pass	3.30	17.50	17.79	20.66	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	16.49	16.82	19.67	30.00
2417MHz	Pass	3.30	19.09	19.43	22.27	30.00
2437MHz	Pass	3.30	19.32	19.67	22.51	30.00
2457MHz	Pass	3.30	18.99	19.19	22.10	30.00
2462MHz	Pass	3.30	14.56	14.91	17.75	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	22.33	0.17100



Average Power_Non-Beamforming_ Scan Radio_2T2S_AP5022S6D

Appendix C.7

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)	Port 1 (dBm)	Port 2 (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	20.14	30.00	17.02	17.23
2417MHz	Pass	3.30	22.24	30.00	19.06	19.39
2437MHz	Pass	3.30	22.33	30.00	19.17	19.47
2457MHz	Pass	3.30	22.14	30.00	19.02	19.23
2462MHz	Pass	3.30	18.83	30.00	15.62	16.02

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	25.62	0.36475



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.85	16.41	15.89	16.10	15.42	21.99	30.00
2417MHz	Pass	5.85	18.93	18.34	18.83	17.66	24.49	30.00
2437MHz	Pass	5.85	20.07	19.40	19.87	18.98	25.62	30.00
2457MHz	Pass	5.85	18.72	17.75	18.04	17.36	24.02	30.00
2462MHz	Pass	5.85	14.65	14.19	14.17	13.90	20.26	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.87
802.11g_Nss1,(6Mbps)_1TX	-6.07
802.11be EHT20_Nss1,(MCS0)_1TX	-5.47

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.48	-2.97	-2.97	8.00
2437MHz	Pass	3.48	-1.87	-1.87	8.00
2462MHz	Pass	3.48	-2.19	-2.19	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.48	-10.21	-10.21	8.00
2437MHz	Pass	3.48	-6.07	-6.07	8.00
2462MHz	Pass	3.48	-8.49	-8.49	8.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.48	-9.15	-9.15	8.00
2437MHz	Pass	3.48	-5.47	-5.47	8.00
2462MHz	Pass	3.48	-9.32	-9.32	8.00

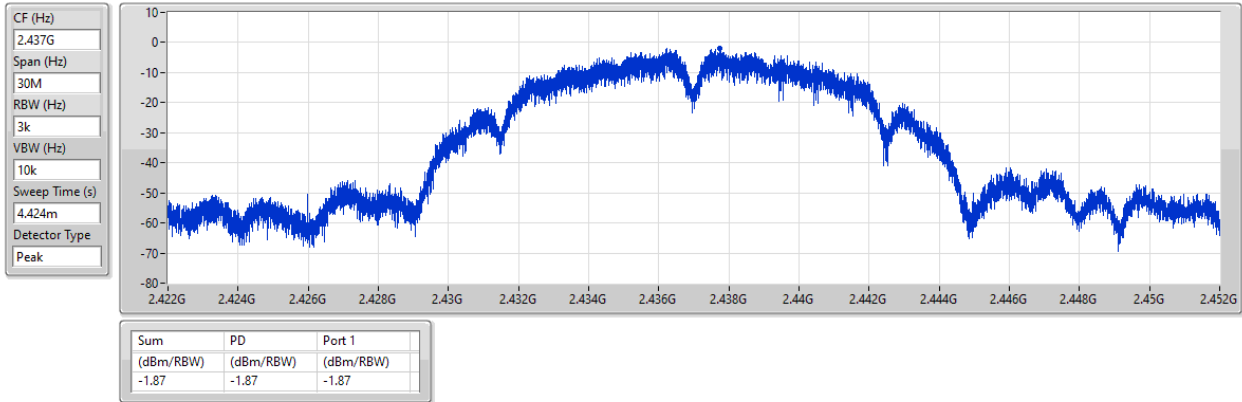
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

20/01/2026

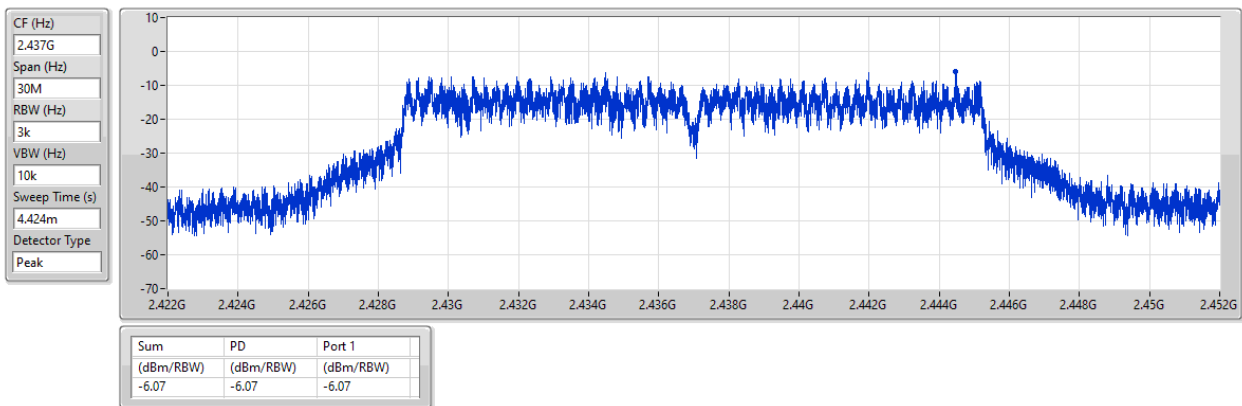


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

20/01/2026

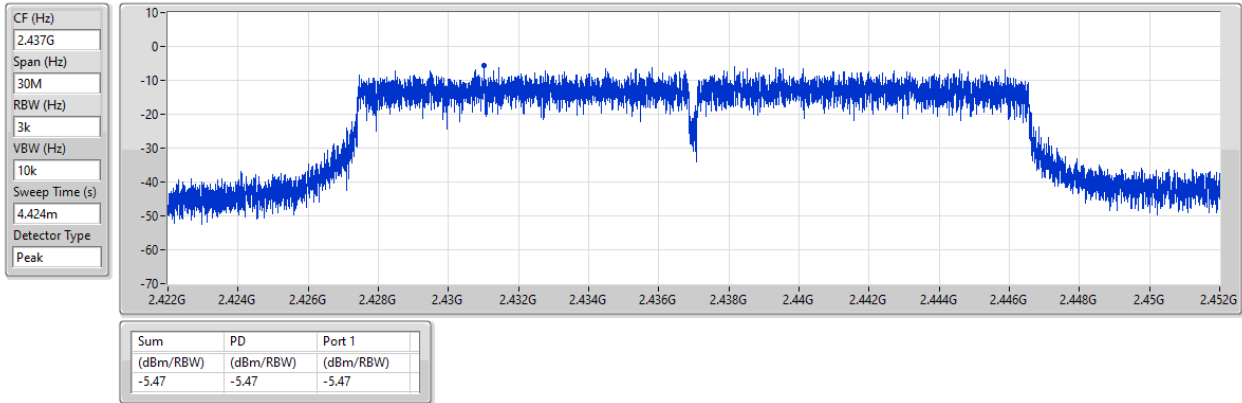


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

20/01/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.74
802.11g_Nss1,(6Mbps)_2TX	-4.71
802.11be EHT20_Nss1,(MCS0)_2TX	-4.46

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	-2.72	-1.69	-0.32	7.94
2437MHz	Pass	6.06	-1.15	-1.30	1.74	7.94
2462MHz	Pass	6.06	-1.70	-1.94	0.86	7.94
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	-8.00	-10.50	-6.68	7.94
2437MHz	Pass	6.06	-6.33	-7.22	-4.71	7.94
2462MHz	Pass	6.06	-9.94	-10.51	-8.35	7.94
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	-11.58	-11.83	-10.00	7.94
2437MHz	Pass	6.06	-6.27	-6.56	-4.46	7.94
2462MHz	Pass	6.06	-11.28	-11.67	-9.89	7.94

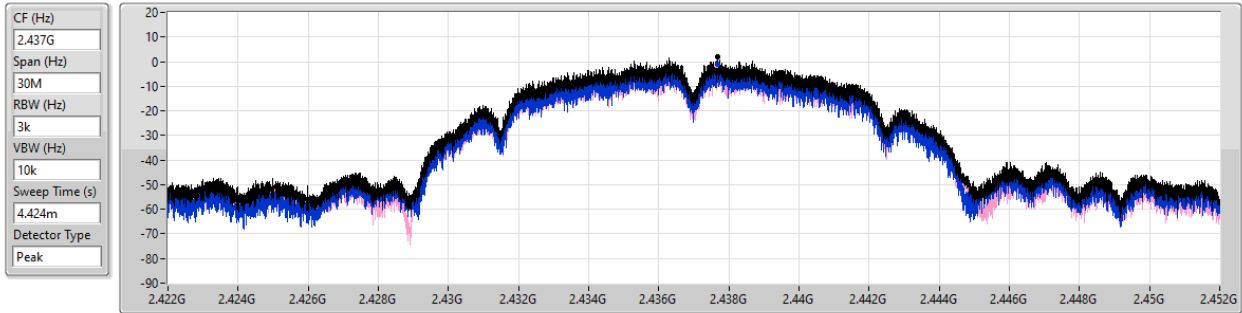
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

20/01/2026



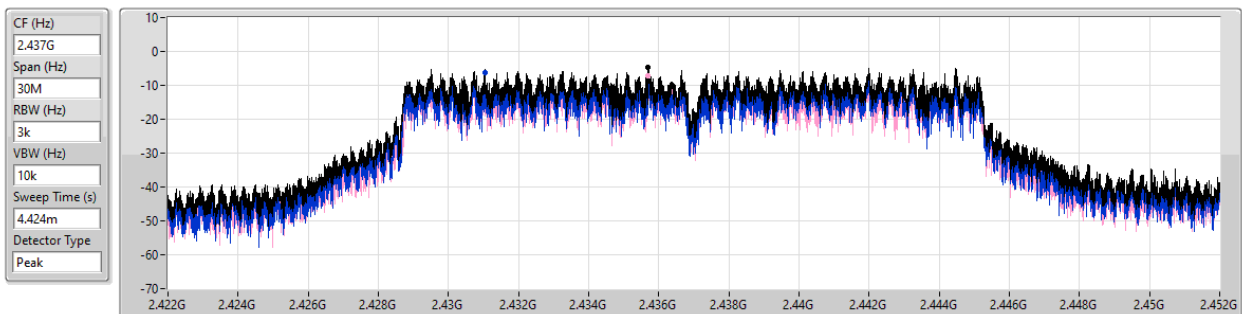
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.74	1.74	-1.15	-1.30

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

20/01/2026



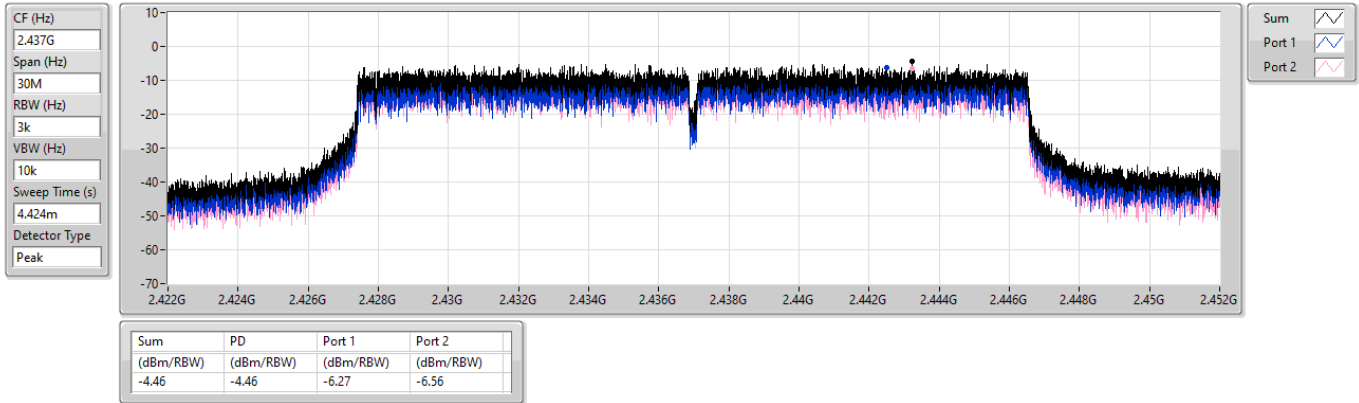
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.71	-4.71	-6.33	-7.22

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

20/01/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-4.14

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.48	-10.85	-9.92	-8.24	8.00
2437MHz	Pass	3.48	-5.32	-6.34	-4.14	8.00
2462MHz	Pass	3.48	-12.17	-11.63	-9.40	8.00

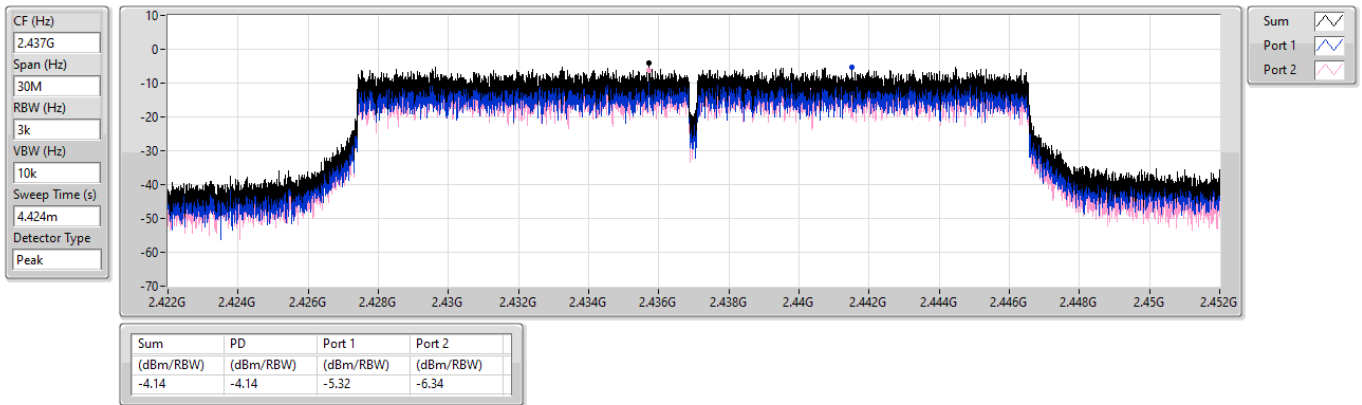
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

20/01/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	3.21
802.11g_Nss1,(6Mbps)_4TX	-1.85
802.11be EHT20_Nss1,(MCS0)_4TX	-3.73

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.85	-2.04	-3.92	-1.56	-2.94	2.38	8.00
2437MHz	Pass	5.85	-0.60	-1.64	-1.91	-2.59	3.21	8.00
2462MHz	Pass	5.85	-2.76	-3.20	-2.85	-4.34	0.98	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.85	-10.63	-9.63	-10.50	-10.42	-5.41	8.00
2437MHz	Pass	5.85	-5.57	-6.91	-5.44	-7.31	-1.85	8.00
2462MHz	Pass	5.85	-12.78	-13.64	-12.00	-13.40	-8.12	8.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.85	-9.89	-11.42	-10.22	-11.89	-6.99	8.00
2437MHz	Pass	5.85	-6.78	-8.25	-6.96	-8.37	-3.73	8.00
2462MHz	Pass	5.85	-12.66	-12.57	-13.09	-13.63	-8.84	8.00

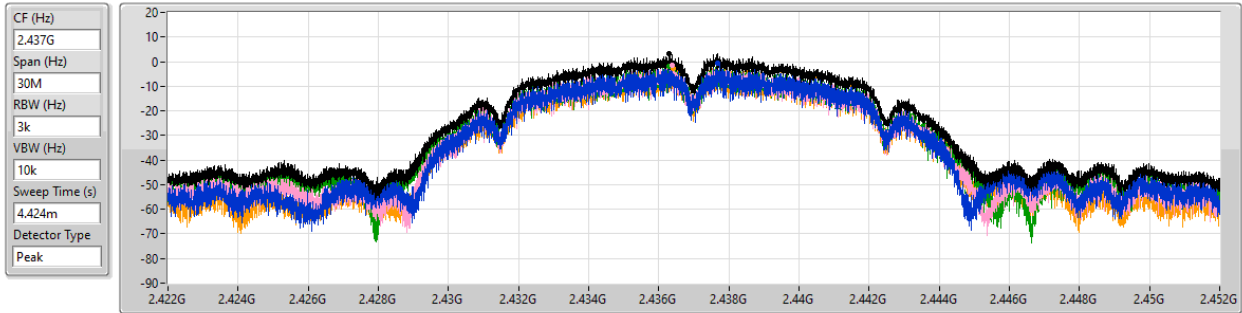
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

20/01/2026



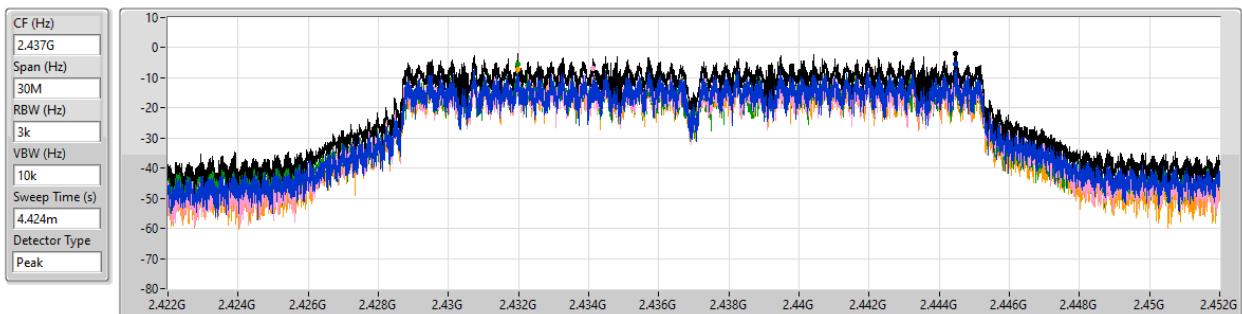
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.21	3.21	-0.60	-1.64	-1.91	-2.59

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

20/01/2026



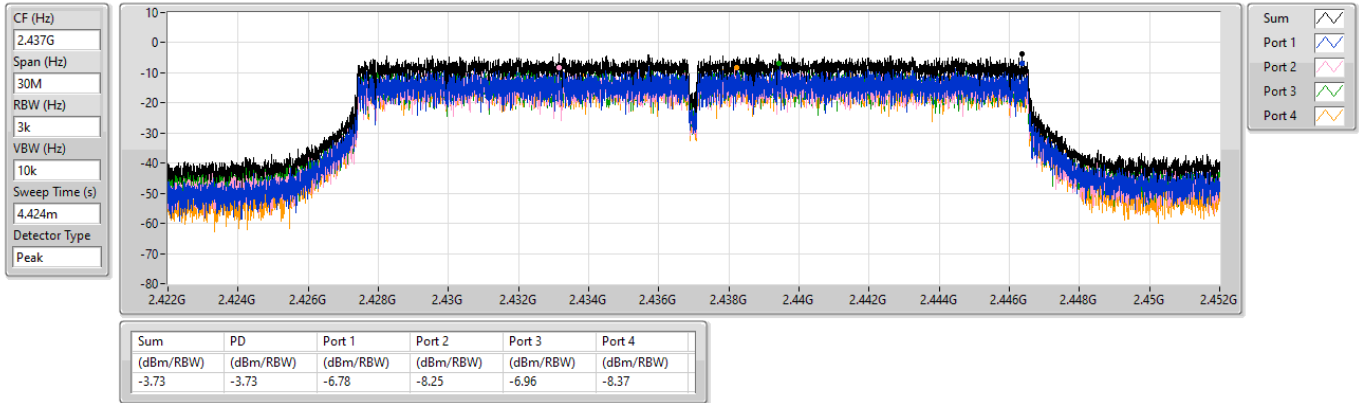
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.85	-1.85	-5.57	-6.91	-5.44	-7.31

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

20/01/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss4,(MCS0)_4TX	-2.12

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.48	-9.97	-10.51	-10.40	-11.24	-6.02	8.00
2437MHz	Pass	3.48	-4.52	-7.20	-5.89	-7.80	-2.12	8.00
2462MHz	Pass	3.48	-11.29	-11.77	-11.84	-12.96	-7.52	8.00

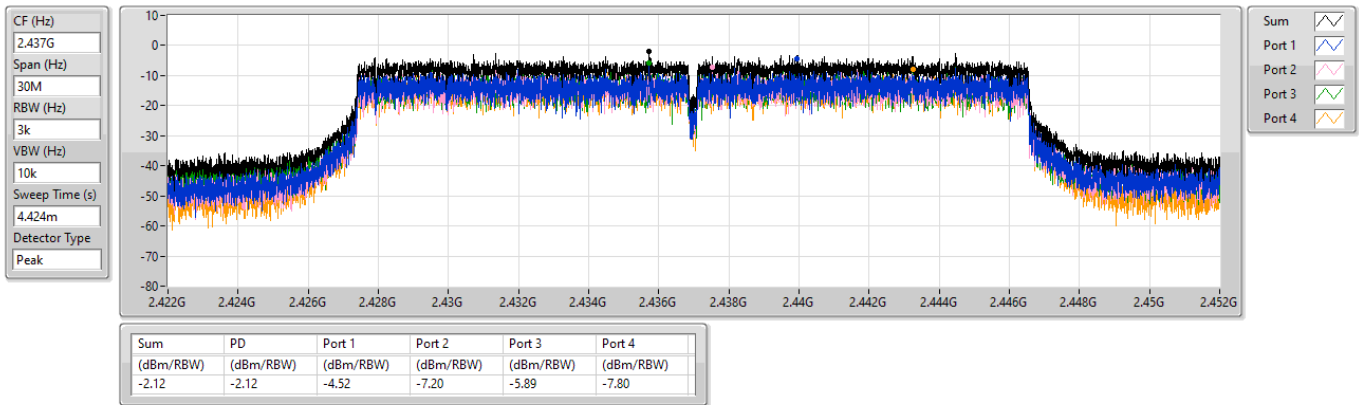
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11be EHT20_Nss4,(MCS0)_4TX

PSD

2437MHz

20/01/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.26
802.11g_Nss1,(6Mbps)_2TX	-4.95
802.11be EHT20_Nss1,(MCS0)_2TX	-5.47

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.58	-2.20	-1.84	0.07	8.00
2437MHz	Pass	4.58	-0.20	0.01	1.26	8.00
2462MHz	Pass	4.58	-2.71	-2.51	0.17	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.58	-8.72	-9.14	-7.63	8.00
2437MHz	Pass	4.58	-8.41	-7.08	-5.88	8.00
2462MHz	Pass	4.58	-7.52	-8.46	-4.95	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.58	-9.52	-8.41	-7.34	8.00
2437MHz	Pass	4.58	-7.46	-7.03	-5.47	8.00
2462MHz	Pass	4.58	-11.85	-11.08	-8.54	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

23/01/2026

CF (Hz)
2.437G

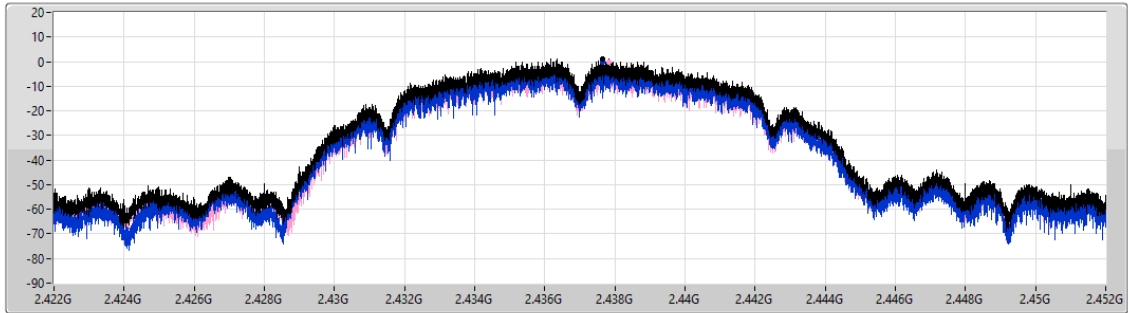
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-0.20	0.01

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

23/01/2026

CF (Hz)
2.462G

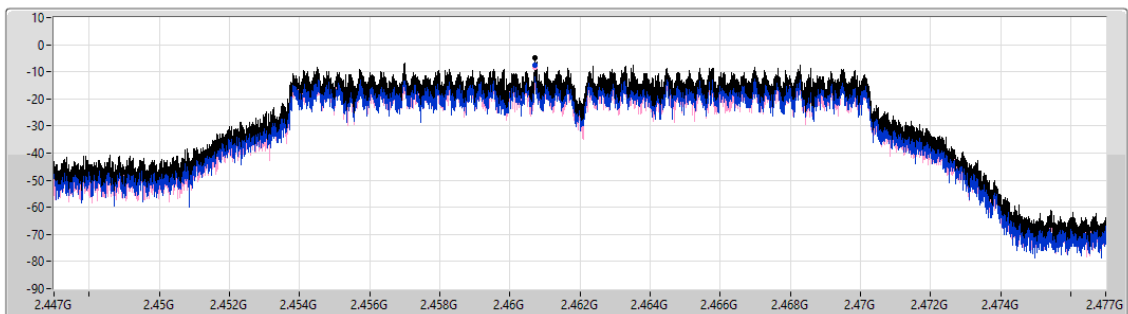
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum ☒

Port 1 ☐

Port 2 ☐

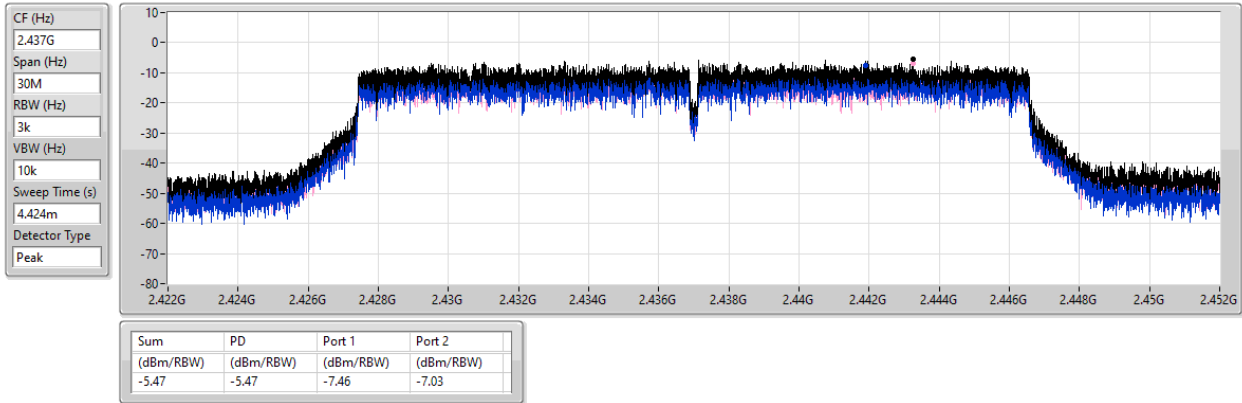
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.95	-4.95	-7.52	-8.46

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

23/01/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-4.02

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.30	-7.00	8.00	-9.67	-9.44
2437MHz	Pass	3.30	-4.02	8.00	-7.64	-6.49
2462MHz	Pass	3.30	-8.25	8.00	-11.26	-9.72

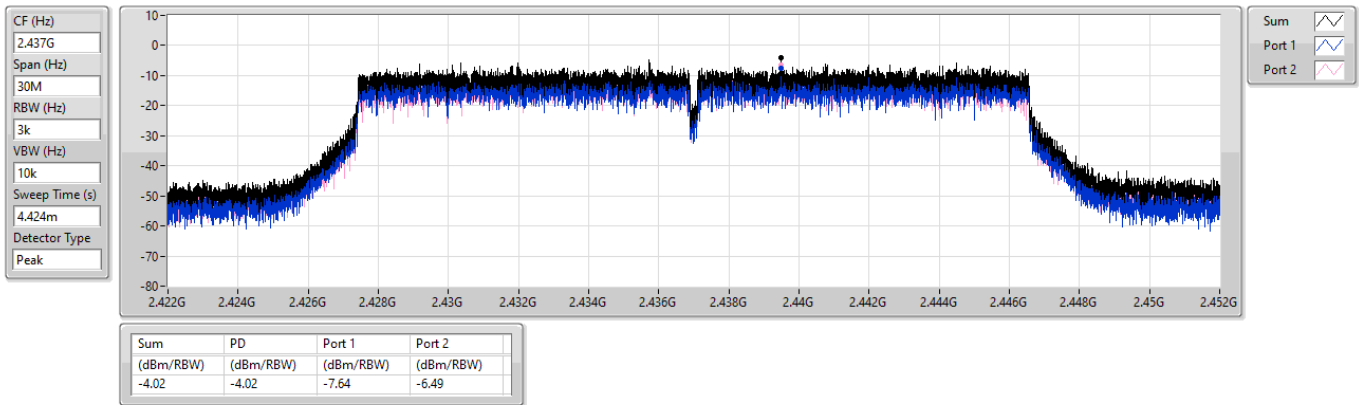
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

23/01/2026





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43641G	14.12	-15.88	808.22M	-55.93	2.4G	-27.12	2.4G	-28.74	2.52086G	-53.08	23.31426G	-42.64	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43941G	10.73	-19.27	2.11069G	-54.44	2.39576G	-39.34	2.4G	-35.80	2.50654G	-54.10	16.26788G	-42.07	1
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.44192G	10.03	-19.97	936.37M	-55.21	2.4G	-37.95	2.4G	-36.69	2.5227G	-53.60	23.3255G	-41.87	1



**CSE (NdB Down)_Non-Beamforming_
Radio 1_1T1S_AP5022S6D**

Appendix E.1

Result

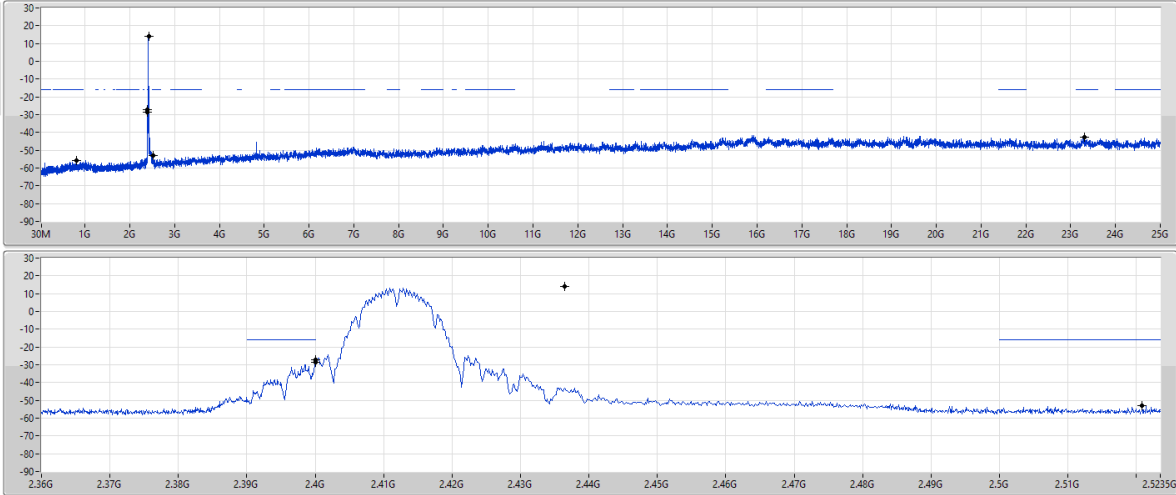
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	14.12	-15.88	808.22M	-55.93	2.4G	-27.12	2.4G	-28.74	2.52086G	-53.08	23.31426G	-42.64	1
2437MHz	Pass	2.43641G	14.12	-15.88	2.30758G	-56.40	2.39904G	-50.18	2.4G	-51.07	2.5047G	-53.50	23.31426G	-42.28	1
2462MHz	Pass	2.43641G	14.12	-15.88	2.16079G	-55.77	2.39736G	-52.54	2.4G	-53.50	2.51414G	-53.28	17.60242G	-41.82	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	10.73	-19.27	2.11069G	-54.44	2.39576G	-39.34	2.4G	-35.80	2.50654G	-54.10	16.26788G	-42.07	1
2437MHz	Pass	2.43941G	10.73	-19.27	654.44M	-55.66	2.39792G	-38.91	2.4G	-43.31	2.5171G	-53.94	17.62209G	-40.80	1
2462MHz	Pass	2.43941G	10.73	-19.27	2.30408G	-55.65	2.39568G	-52.75	2.4G	-52.56	2.5099G	-54.01	17.62771G	-41.92	1
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	10.03	-19.97	936.37M	-55.21	2.4G	-37.95	2.4G	-36.69	2.5227G	-53.60	23.3255G	-41.87	1
2437MHz	Pass	2.44192G	10.03	-19.97	2.30874G	-56.25	2.39936G	-40.12	2.4G	-40.27	2.51038G	-52.49	16.62188G	-41.05	1
2462MHz	Pass	2.44192G	10.03	-19.97	2.10487G	-56.07	2.3964G	-52.39	2.4G	-53.98	2.51054G	-53.82	23.29179G	-42.25	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



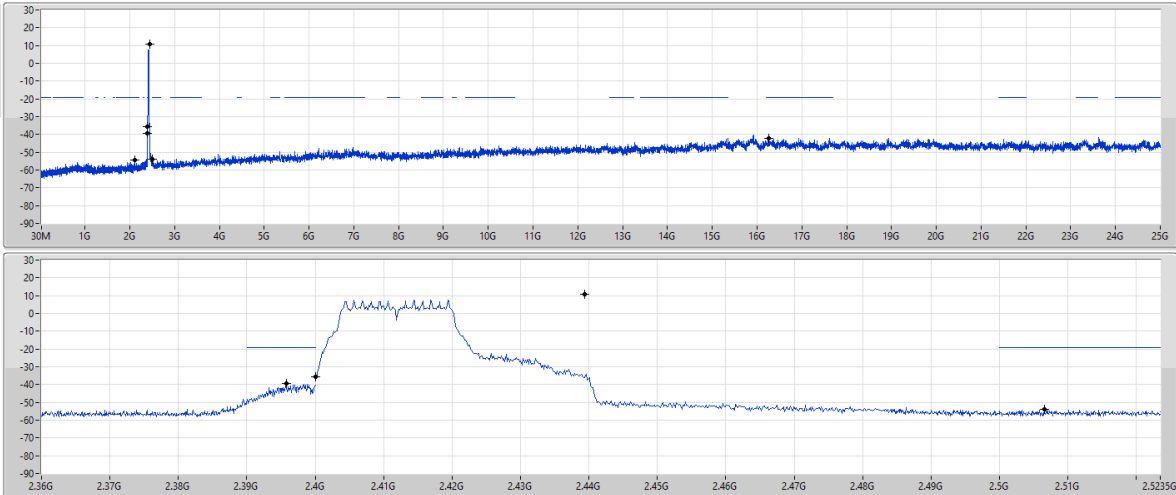
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	14.12	-15.88	808.22M	-55.93	2.4G	-27.12	2.4G	-28.74	2.52086G	-53.08	23.31426G	-42.64	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	10.73	-19.27	2.11099G	-54.44	2.39576G	-39.34	2.4G	-35.80	2.50654G	-54.10	16.26788G	-42.07	1



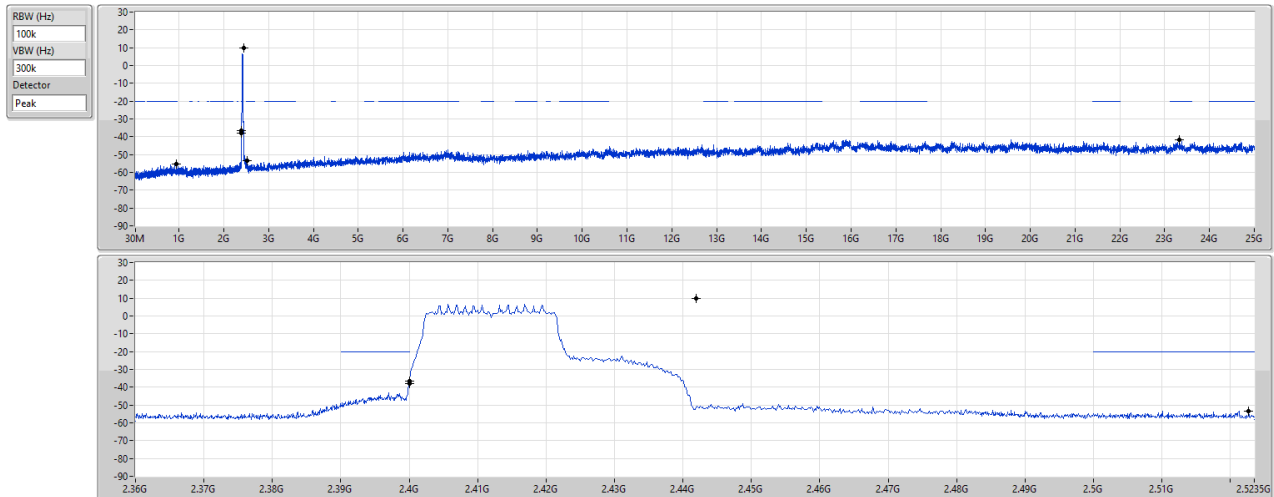
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

CSEndB

2412MHz

20/01/2026

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.03	-19.97	936.37M	-55.21	2.4G	-37.95	2.4G	-36.69	2.5227G	-53.60	23.3255G	-41.87	1



**CSE (NdB Down)_Non-Beamforming_
Radio 1_2T1S_AP5022S6D**

Appendix E.2

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43591G	13.54	-16.46	1.97905G	-55.47	2.4G	-29.82	2.4G	-31.45	2.50086G	-53.24	17.6558G	-42.22	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	10.64	-19.36	2.11419G	-54.74	2.39824G	-36.68	2.4G	-35.98	2.50222G	-53.58	16.26788G	-41.55	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44192G	9.77	-20.23	934.04M	-55.98	2.4G	-38.99	2.4G	-36.20	2.51294G	-53.69	16.20607G	-42.30	1



**CSE (NdB Down)_Non-Beamforming_
Radio 1_2T1S_AP5022S6D**

Appendix E.2

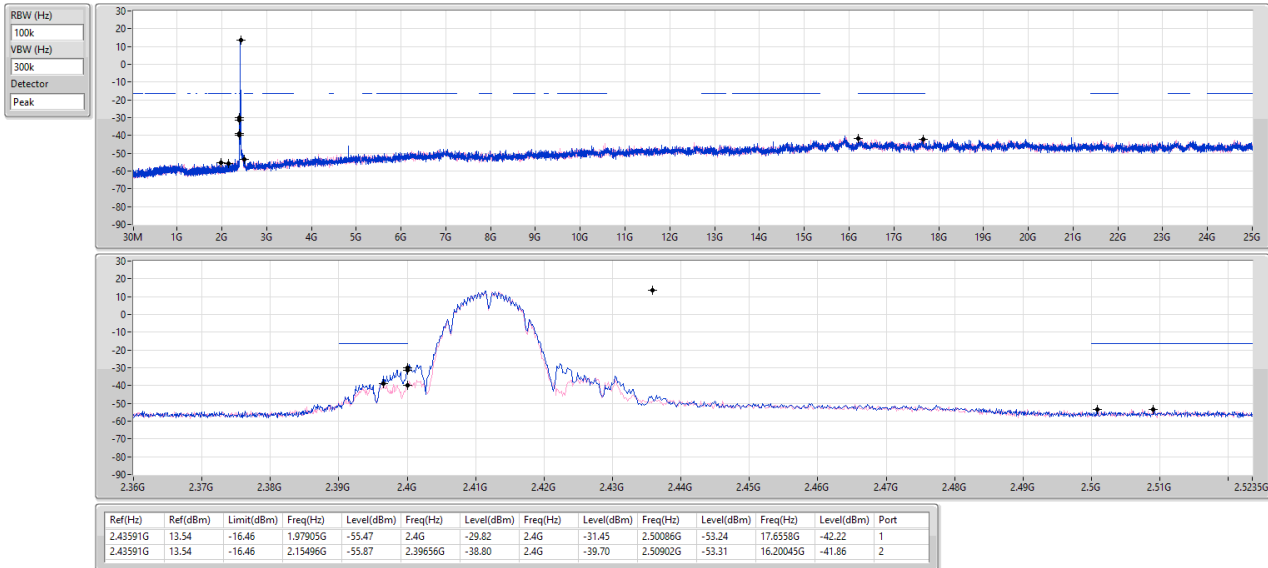
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43591G	13.54	-16.46	1.97905G	-55.47	2.4G	-29.82	2.4G	-31.45	2.50086G	-53.24	17.6558G	-42.22	1
2412MHz	Pass	2.43591G	13.54	-16.46	2.15496G	-55.87	2.39656G	-38.80	2.4G	-39.70	2.50902G	-53.31	16.20045G	-41.86	2
2437MHz	Pass	2.43591G	13.54	-16.46	2.30292G	-55.73	2.39896G	-50.54	2.4G	-52.17	2.51286G	-53.61	16.24259G	-41.97	1
2437MHz	Pass	2.43591G	13.54	-16.46	2.19457G	-55.39	2.396G	-50.63	2.4G	-51.87	2.50382G	-53.42	15.25082G	-42.54	2
2462MHz	Pass	2.43591G	13.54	-16.46	2.01167G	-55.20	2.39984G	-50.83	2.4G	-52.55	2.5083G	-53.98	24.59261G	-42.82	1
2462MHz	Pass	2.43591G	13.54	-16.46	2.15729G	-54.85	2.39832G	-51.51	2.4G	-52.97	2.51534G	-53.94	17.64176G	-41.71	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	10.64	-19.36	2.11419G	-54.74	2.39824G	-36.68	2.4G	-35.98	2.50222G	-53.58	16.26788G	-41.55	1
2412MHz	Pass	2.44192G	10.64	-19.36	2.13632G	-53.77	2.39984G	-38.80	2.4G	-36.00	2.50766G	-53.88	17.64457G	-42.10	2
2437MHz	Pass	2.44192G	10.64	-19.36	2.17011G	-55.28	2.39952G	-40.29	2.4G	-41.95	2.50166G	-53.85	16.2735G	-42.68	1
2437MHz	Pass	2.44192G	10.64	-19.36	910.74M	-55.25	2.39944G	-39.23	2.4G	-40.85	2.5047G	-53.93	17.60804G	-41.77	2
2462MHz	Pass	2.44192G	10.64	-19.36	1.95808G	-55.12	2.39952G	-52.98	2.4G	-54.40	2.50646G	-53.62	16.31002G	-41.88	1
2462MHz	Pass	2.44192G	10.64	-19.36	1.8241G	-55.51	2.4G	-52.82	2.4G	-54.19	2.50414G	-53.72	16.32969G	-41.69	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.77	-20.23	934.04M	-55.98	2.4G	-38.99	2.4G	-36.20	2.51294G	-53.69	16.20607G	-42.30	1
2412MHz	Pass	2.44192G	9.77	-20.23	2.15729G	-55.73	2.4G	-38.17	2.4G	-36.92	2.51806G	-54.09	23.33112G	-42.04	2
2437MHz	Pass	2.44192G	9.77	-20.23	2.30874G	-54.85	2.39896G	-40.88	2.4G	-42.35	2.50782G	-53.58	23.24683G	-41.58	1
2437MHz	Pass	2.44192G	9.77	-20.23	1.80313G	-55.15	2.39928G	-36.82	2.4G	-38.43	2.5203G	-53.08	16.96746G	-41.31	2
2462MHz	Pass	2.44192G	9.77	-20.23	1.78449G	-55.17	2.39096G	-53.56	2.4G	-54.91	2.5167G	-53.44	15.21148G	-42.27	1
2462MHz	Pass	2.44192G	9.77	-20.23	2.1072G	-55.50	2.3936G	-53.25	2.4G	-54.42	2.50286G	-53.95	16.2145G	-41.85	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

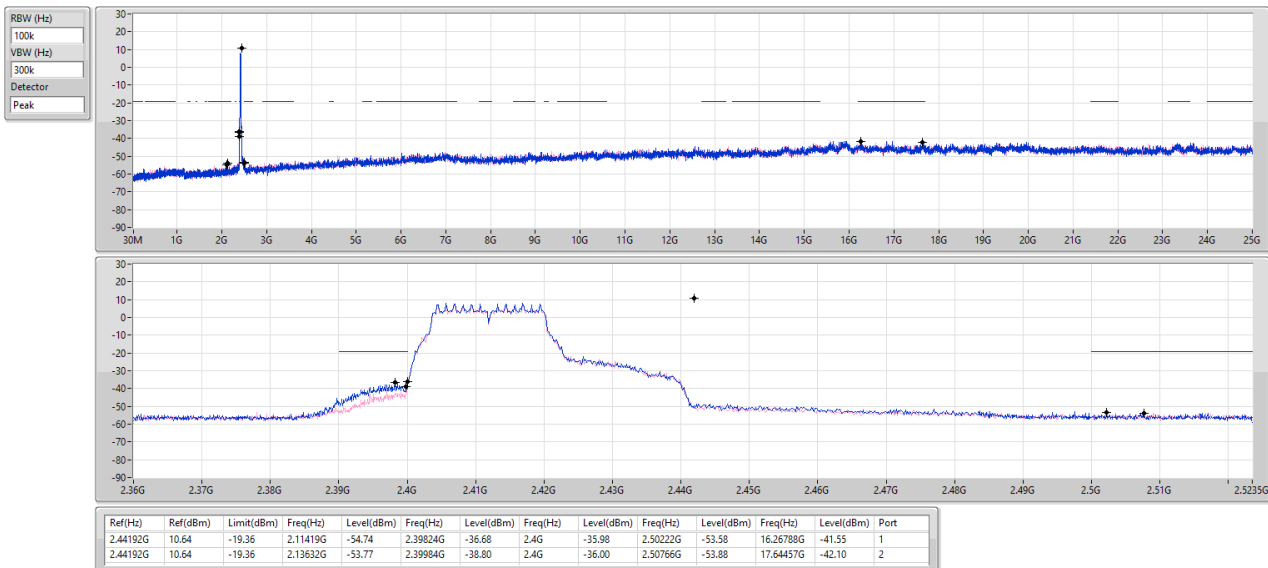
2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz





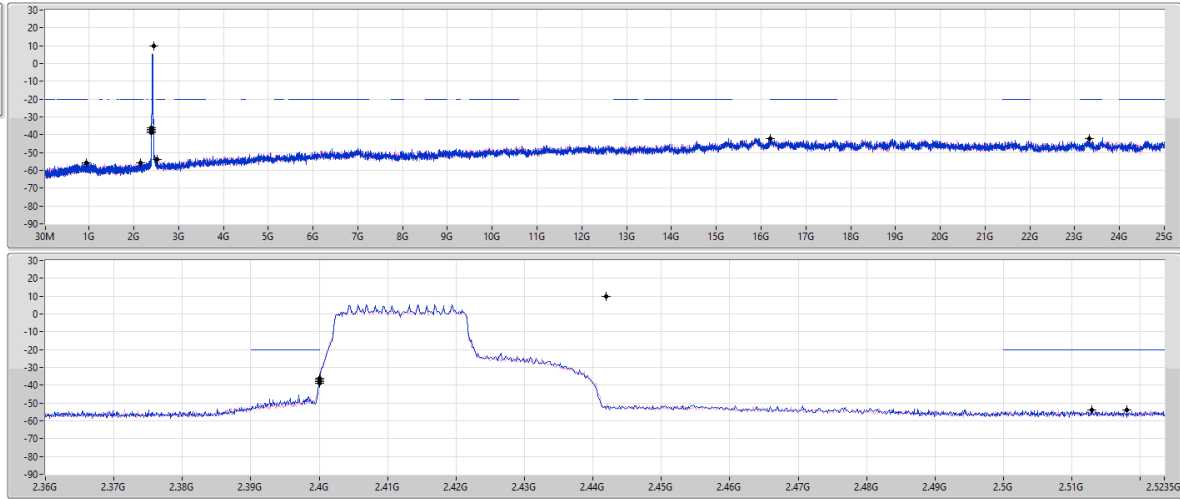
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

20/01/2026
Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.77	-20.23	934.04M	-55.98	2.4G	-38.99	2.4G	-36.20	2.51294G	-53.69	16.20607G	-42.30	1
2.44192G	9.77	-20.23	2.15729G	-55.73	2.4G	-38.17	2.4G	-36.92	2.51806G	-54.09	23.33112G	-42.04	2



**CSE (NdB Down)_Non-Beamforming_
Radio 1_2T2S_AP5022S6D**

Appendix E.3

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	2.44192G	9.91	-20.09	2.15613G	-55.79	2.4G	-38.34	2.4G	-34.79	2.51582G	-54.01	17.62771G	-41.45	2



**CSE (NdB Down)_Non-Beamforming_
Radio 1_2T2S_AP5022S6D**

Appendix E.3

Result

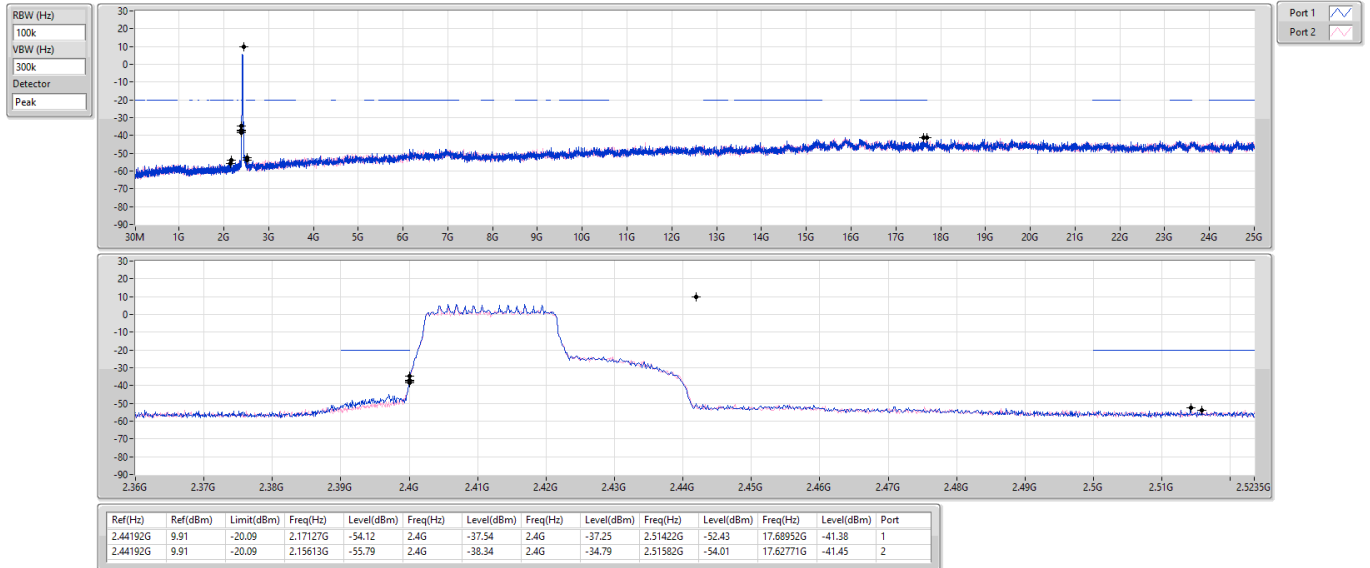
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.91	-20.09	2.17127G	-54.12	2.4G	-37.54	2.4G	-37.25	2.51422G	-52.43	17.68952G	-41.38	1
2412MHz	Pass	2.44192G	9.91	-20.09	2.15613G	-55.79	2.4G	-38.34	2.4G	-34.79	2.51582G	-54.01	17.62771G	-41.45	2
2437MHz	Pass	2.44192G	9.91	-20.09	2.13516G	-56.23	2.39992G	-41.34	2.4G	-43.04	2.52046G	-54.20	17.65861G	-40.53	1
2437MHz	Pass	2.44192G	9.91	-20.09	2.10254G	-55.87	2.39768G	-39.02	2.4G	-38.43	2.52238G	-52.85	23.37607G	-41.19	2
2462MHz	Pass	2.44192G	9.91	-20.09	2.19807G	-56.10	2.39976G	-53.28	2.4G	-53.03	2.50478G	-53.26	17.20908G	-42.11	1
2462MHz	Pass	2.44192G	9.91	-20.09	2.04895G	-55.54	2.39344G	-53.13	2.4G	-53.49	2.51014G	-53.30	16.90003G	-42.26	2

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

CSEndB

2412MHz

20/01/2026





**CSE (NdB Down)_Non-Beamforming_
Radio 1_4T1S_AP5022S6D**

Appendix E.4

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43641G	13.94	-16.06	1.98138G	-55.82	2.4G	-29.23	2.4G	-30.22	2.51414G	-53.86	23.27493G	-42.19	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43941G	10.66	-19.34	1.89517G	-55.07	2.39952G	-35.17	2.4G	-39.68	2.51654G	-52.15	17.66142G	-41.85	2
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.44192G	8.57	-21.43	1.96041G	-54.97	2.4G	-37.95	2.4G	-34.20	2.5051G	-53.05	16.77641G	-42.56	3

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	13.94	-16.06	1.98138G	-55.82	2.4G	-29.23	2.4G	-30.22	2.51414G	-53.86	23.27493G	-42.19	1
2412MHz	Pass	2.43641G	13.94	-16.06	2.30641G	-55.20	2.4G	-38.31	2.4G	-38.80	2.50334G	-53.28	16.29878G	-42.16	2
2412MHz	Pass	2.43641G	13.94	-16.06	948.02M	-55.46	2.39856G	-33.75	2.4G	-37.20	2.5235G	-53.11	16.98432G	-41.30	3
2412MHz	Pass	2.43641G	13.94	-16.06	2.1771G	-55.10	2.4G	-35.25	2.4G	-37.19	2.51782G	-52.39	16.21731G	-41.43	4
2437MHz	Pass	2.43641G	13.94	-16.06	2.18875G	-55.63	2.39888G	-50.83	2.4G	-52.12	2.51774G	-53.66	16.2454G	-41.83	1
2437MHz	Pass	2.43641G	13.94	-16.06	2.16079G	-55.41	2.3984G	-49.65	2.4G	-51.83	2.5135G	-53.46	16.31564G	-41.79	2
2437MHz	Pass	2.43641G	13.94	-16.06	2.30525G	-55.40	2.39728G	-50.00	2.4G	-51.40	2.51318G	-53.60	17.6249G	-41.96	3
2437MHz	Pass	2.43641G	13.94	-16.06	2.30525G	-54.94	2.39664G	-50.05	2.4G	-50.65	2.51886G	-54.39	23.32831G	-41.94	4
2462MHz	Pass	2.43641G	13.94	-16.06	2.16079G	-55.32	2.39976G	-51.21	2.4G	-53.29	2.50342G	-53.14	24.59823G	-42.40	1
2462MHz	Pass	2.43641G	13.94	-16.06	2.10021G	-55.55	2.4G	-50.97	2.4G	-53.23	2.52254G	-52.67	17.69514G	-42.03	2
2462MHz	Pass	2.43641G	13.94	-16.06	897.93M	-56.08	2.3988G	-52.14	2.4G	-53.28	2.51182G	-53.68	17.6839G	-42.34	3
2462MHz	Pass	2.43641G	13.94	-16.06	2.19108G	-55.81	2.39864G	-52.41	2.4G	-53.05	2.51662G	-53.88	16.23697G	-42.22	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	10.66	-19.34	1.84041G	-54.64	2.4G	-40.84	2.4G	-36.65	2.52262G	-53.81	15.21991G	-42.16	1
2412MHz	Pass	2.43941G	10.66	-19.34	1.9639G	-55.47	2.39984G	-41.30	2.4G	-37.18	2.50566G	-53.86	23.2665G	-42.03	2
2412MHz	Pass	2.43941G	10.66	-19.34	958.51M	-55.74	2.4G	-39.45	2.4G	-36.71	2.5015G	-53.45	16.27912G	-41.66	3
2412MHz	Pass	2.43941G	10.66	-19.34	1.99186G	-55.50	2.4G	-40.41	2.4G	-37.42	2.50806G	-53.59	16.21731G	-42.17	4
2437MHz	Pass	2.43941G	10.66	-19.34	2.17244G	-55.60	2.39896G	-39.07	2.4G	-40.47	2.51574G	-54.08	16.20888G	-41.91	1
2437MHz	Pass	2.43941G	10.66	-19.34	1.89517G	-55.07	2.39952G	-35.17	2.4G	-39.68	2.51654G	-52.15	17.66142G	-41.85	2
2437MHz	Pass	2.43941G	10.66	-19.34	2.30175G	-55.51	2.39792G	-37.89	2.4G	-37.84	2.52014G	-53.36	16.54322G	-41.62	3
2437MHz	Pass	2.43941G	10.66	-19.34	915.4M	-56.04	2.398G	-42.86	2.4G	-44.52	2.51214G	-53.12	16.29317G	-41.47	4
2462MHz	Pass	2.43941G	10.66	-19.34	2.01866G	-55.96	2.3996G	-53.44	2.4G	-54.58	2.5167G	-54.08	23.3255G	-41.74	1
2462MHz	Pass	2.43941G	10.66	-19.34	2.16428G	-55.13	2.4G	-53.17	2.4G	-53.67	2.52318G	-54.19	16.63312G	-41.47	2
2462MHz	Pass	2.43941G	10.66	-19.34	2.12118G	-55.86	2.39624G	-53.52	2.4G	-54.80	2.50526G	-53.81	16.24821G	-42.29	3
2462MHz	Pass	2.43941G	10.66	-19.34	2.14564G	-55.46	2.39304G	-53.13	2.4G	-55.04	2.5171G	-53.38	16.88879G	-43.11	4
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.57	-21.43	1.86255G	-56.19	2.4G	-39.17	2.4G	-36.89	2.5227G	-53.39	17.28494G	-41.93	1
2412MHz	Pass	2.44192G	8.57	-21.43	2.30059G	-55.22	2.4G	-38.66	2.4G	-36.07	2.5119G	-53.83	16.60222G	-42.11	2
2412MHz	Pass	2.44192G	8.57	-21.43	1.96041G	-54.97	2.4G	-37.95	2.4G	-34.20	2.5051G	-53.05	16.77641G	-42.56	3
2412MHz	Pass	2.44192G	8.57	-21.43	2.30175G	-55.53	2.4G	-39.82	2.4G	-37.10	2.51246G	-53.79	23.32831G	-42.58	4
2437MHz	Pass	2.44192G	8.57	-21.43	2.30175G	-55.06	2.39808G	-42.10	2.4G	-44.79	2.5187G	-53.83	23.29179G	-41.62	1
2437MHz	Pass	2.44192G	8.57	-21.43	1.64003G	-55.11	2.39728G	-37.78	2.4G	-40.36	2.51214G	-52.65	16.20888G	-42.45	2
2437MHz	Pass	2.44192G	8.57	-21.43	2.30758G	-55.41	2.39952G	-38.59	2.4G	-39.75	2.50686G	-53.57	24.71062G	-42.69	3
2437MHz	Pass	2.44192G	8.57	-21.43	2.00817G	-55.90	2.39984G	-42.27	2.4G	-40.99	2.51846G	-53.61	16.25664G	-42.15	4
2462MHz	Pass	2.44192G	8.57	-21.43	2.12351G	-55.81	2.39416G	-52.63	2.4G	-54.94	2.5215G	-53.38	21.61729G	-42.20	1
2462MHz	Pass	2.44192G	8.57	-21.43	1.99186G	-55.40	2.39544G	-53.70	2.4G	-54.05	2.5083G	-52.66	16.89441G	-42.04	2
2462MHz	Pass	2.44192G	8.57	-21.43	2.12584G	-54.93	2.39936G	-52.81	2.4G	-55.09	2.5059G	-53.61	16.27069G	-42.19	3
2462MHz	Pass	2.44192G	8.57	-21.43	2.13632G	-55.58	2.39552G	-53.30	2.4G	-54.78	2.50438G	-53.85	15.17496G	-41.91	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

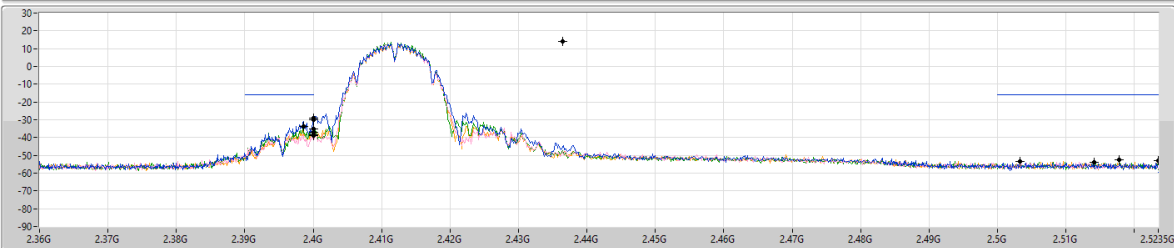
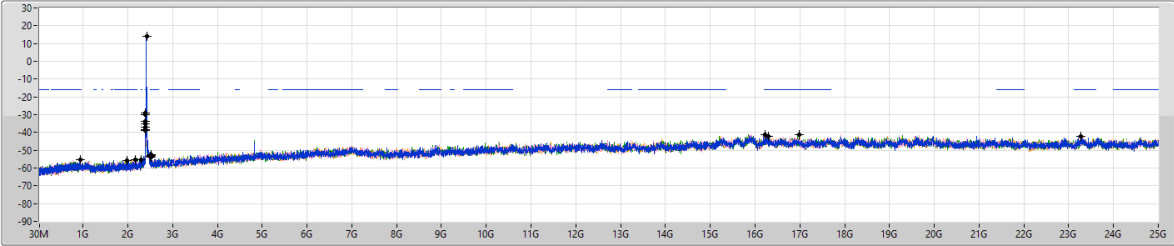
CSEndB

2412MHz

20/01/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2
Port 3
Port 4



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	13.94	-16.06	1.98138G	-55.82	2.4G	-29.23	2.4G	-30.22	2.51414G	-53.86	23.27493G	-42.19	1
2.43641G	13.94	-16.06	2.30641G	-55.20	2.4G	-38.31	2.4G	-38.80	2.50334G	-53.28	16.29878G	-42.16	2
2.43641G	13.94	-16.06	948.02M	-55.46	2.39856G	-33.75	2.4G	-37.20	2.5235G	-53.11	16.98432G	-41.30	3
2.43641G	13.94	-16.06	2.1771G	-55.10	2.4G	-35.25	2.4G	-37.19	2.51782G	-52.39	16.21731G	-41.43	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

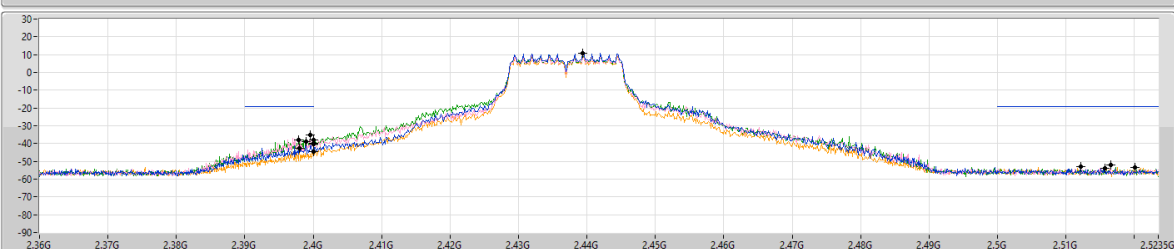
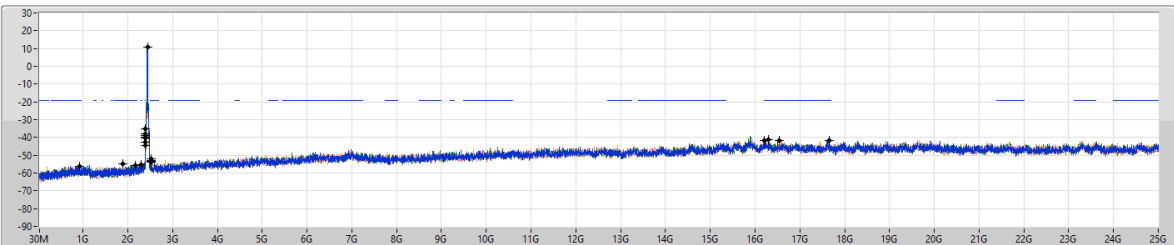
CSEndB

2437MHz

20/01/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2
Port 3
Port 4



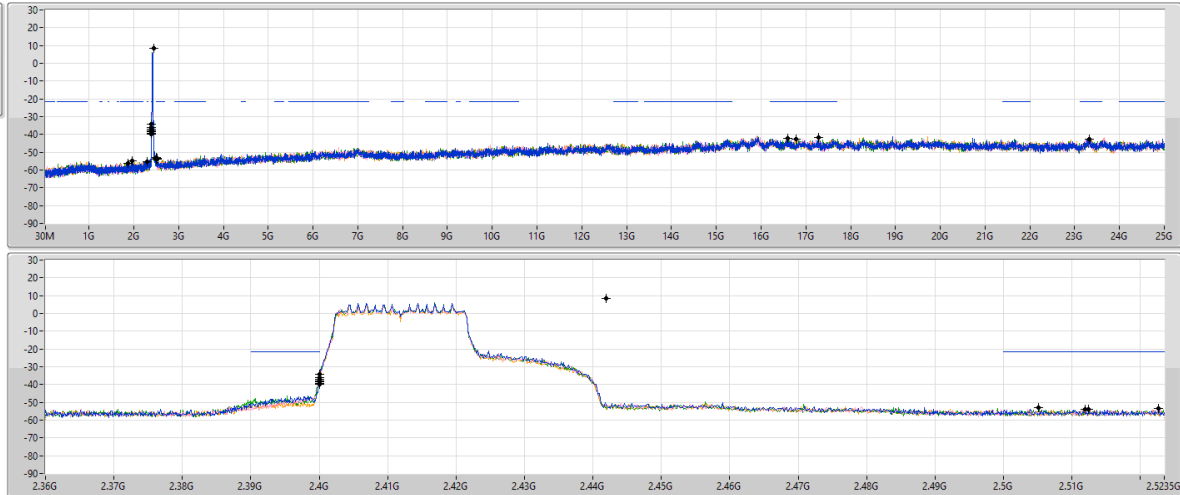
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	10.66	-19.34	2.17244G	-55.60	2.39896G	-39.07	2.4G	-40.47	2.51574G	-54.08	16.20888G	-41.91	1
2.43941G	10.66	-19.34	1.89517G	-55.07	2.39952G	-35.17	2.4G	-39.68	2.51654G	-52.15	17.66142G	-41.85	2
2.43941G	10.66	-19.34	2.30175G	-55.51	2.39792G	-37.89	2.4G	-37.84	2.52014G	-53.36	16.54322G	-41.62	3
2.43941G	10.66	-19.34	915.4M	-56.04	2.398G	-42.86	2.4G	-44.52	2.51214G	-53.12	16.29317G	-41.47	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2412MHz

20/01/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	8.57	-21.43	1.86255G	-56.19	2.4G	-39.17	2.4G	-36.89	2.5227G	-53.39	17.28494G	-41.93	1
2.44192G	8.57	-21.43	2.30059G	-55.22	2.4G	-38.66	2.4G	-36.07	2.5119G	-53.83	16.60222G	-42.11	2
2.44192G	8.57	-21.43	1.96041G	-54.97	2.4G	-37.95	2.4G	-34.20	2.5051G	-53.05	16.77841G	-42.56	3
2.44192G	8.57	-21.43	2.30175G	-55.53	2.4G	-39.82	2.4G	-37.10	2.51246G	-53.79	23.32831G	-42.58	4



**CSE (NdB Down)_Non-Beamforming_
Radio 1_4T4S_AP5022S6D**

Appendix E.5

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	Pass	2.43941G	9.35	-20.65	815.21M	-56.21	2.4G	-37.24	2.4G	-32.79	2.5155G	-53.35	23.34517G	-42.19	3



**CSE (NdB Down)_Non-Beamforming_
Radio 1_4T4S_AP5022S6D**

Appendix E.5

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	9.35	-20.65	2.08273G	-55.58	2.39992G	-39.64	2.4G	-36.16	2.50094G	-53.47	16.2145G	-41.49	1
2412MHz	Pass	2.43941G	9.35	-20.65	2.30059G	-55.82	2.4G	-35.22	2.4G	-36.54	2.5155G	-53.93	16.35779G	-42.58	2
2412MHz	Pass	2.43941G	9.35	-20.65	815.21M	-56.21	2.4G	-37.24	2.4G	-32.79	2.5155G	-53.35	23.34517G	-42.19	3
2412MHz	Pass	2.43941G	9.35	-20.65	2.30408G	-55.77	2.4G	-37.58	2.4G	-34.62	2.52246G	-53.49	15.22553G	-40.32	4
2437MHz	Pass	2.43941G	9.35	-20.65	903.75M	-55.73	2.3988G	-40.45	2.4G	-43.73	2.5043G	-53.50	17.61928G	-42.20	1
2437MHz	Pass	2.43941G	9.35	-20.65	1.94643G	-55.41	2.39672G	-37.20	2.4G	-39.71	2.50846G	-53.09	16.57412G	-42.43	2
2437MHz	Pass	2.43941G	9.35	-20.65	2.06642G	-56.20	2.39984G	-37.61	2.4G	-37.40	2.51806G	-53.43	16.96465G	-42.24	3
2437MHz	Pass	2.43941G	9.35	-20.65	2.30991G	-55.07	2.39992G	-41.73	2.4G	-43.07	2.51646G	-53.89	17.31304G	-41.35	4
2462MHz	Pass	2.43941G	9.35	-20.65	2.30874G	-54.63	2.4G	-52.87	2.4G	-55.57	2.5159G	-54.12	17.64176G	-42.02	1
2462MHz	Pass	2.43941G	9.35	-20.65	2.30175G	-55.79	2.39744G	-52.66	2.4G	-52.90	2.50518G	-54.02	16.22293G	-42.60	2
2462MHz	Pass	2.43941G	9.35	-20.65	2.30059G	-55.42	2.3912G	-52.60	2.4G	-54.98	2.50006G	-53.55	16.29598G	-42.47	3
2462MHz	Pass	2.43941G	9.35	-20.65	946.86M	-55.43	2.4G	-53.08	2.4G	-54.01	2.5107G	-53.16	16.93375G	-40.97	4

2.4-2.4835GHz_802.11be EHT20_Nss4,(MCS0)_4TX

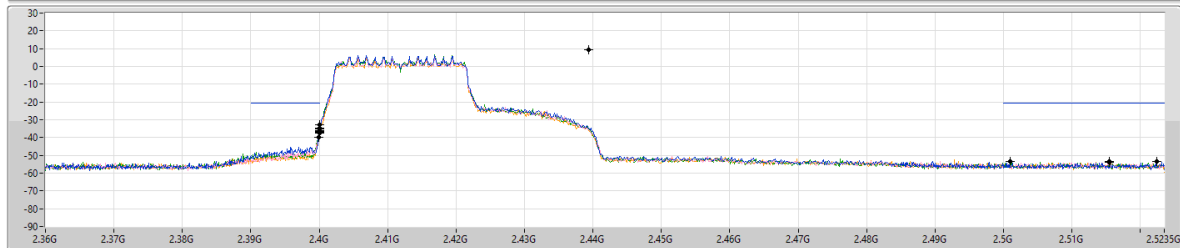
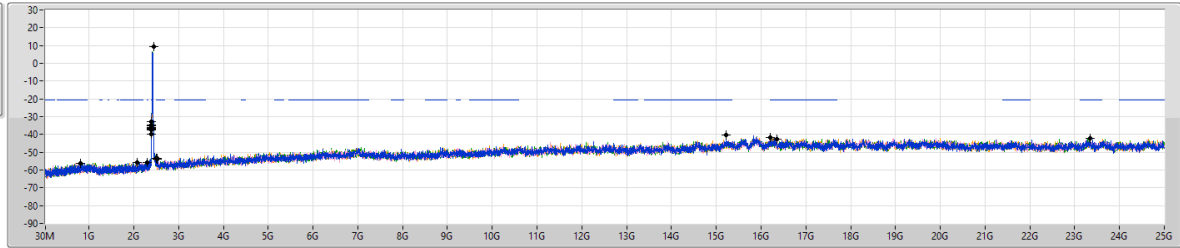
CSEndB

2412MHz

20/01/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2
Port 3
Port 4



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	9.35	-20.65	2.08273G	-55.58	2.39992G	-39.64	2.4G	-36.16	2.50094G	-53.47	16.2145G	-41.49	1
2.43941G	9.35	-20.65	2.30099G	-55.82	2.4G	-35.22	2.4G	-36.54	2.5155G	-53.93	16.35779G	-42.58	2
2.43941G	9.35	-20.65	815.21M	-56.21	2.4G	-37.24	2.4G	-32.79	2.5155G	-53.35	23.34517G	-42.19	3
2.43941G	9.35	-20.65	2.30408G	-55.77	2.4G	-37.58	2.4G	-34.62	2.52246G	-53.49	15.22553G	-40.32	4



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43591G	14.16	-15.84	939.87M	-56.19	2.4G	-29.20	2.4G	-29.24	2.52086G	-54.12	17.63614G	-41.86	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	9.96	-20.04	2.13632G	-56.10	2.39824G	-40.72	2.4G	-36.89	2.51582G	-54.42	17.63895G	-42.49	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44192G	8.91	-21.09	2.14564G	-55.66	2.39984G	-38.84	2.4G	-35.51	2.50038G	-53.73	16.20888G	-42.46	1



CSE (NdB Down)_Non-Beamforming_ Scan Radio_2T1S_AP5022S6D

Appendix E.6

Result

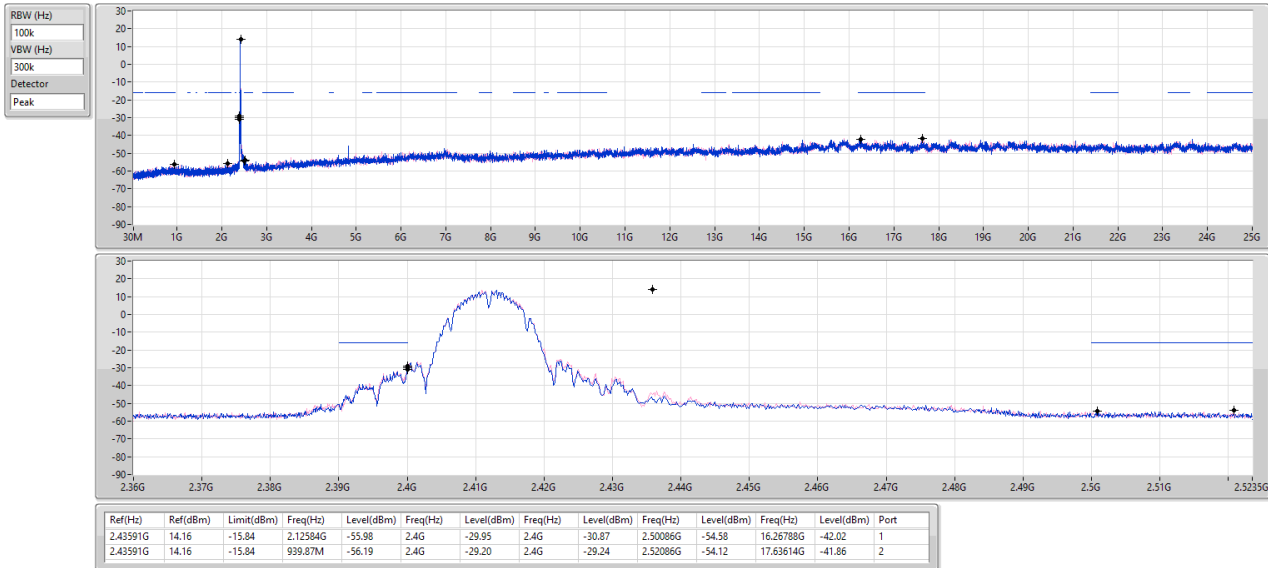
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43591G	14.16	-15.84	2.12584G	-55.98	2.4G	-29.95	2.4G	-30.87	2.50086G	-54.58	16.26788G	-42.02	1
2412MHz	Pass	2.43591G	14.16	-15.84	939.87M	-56.19	2.4G	-29.20	2.4G	-29.24	2.52086G	-54.12	17.63614G	-41.86	2
2437MHz	Pass	2.43591G	14.16	-15.84	2.30758G	-56.76	2.39296G	-50.81	2.4G	-51.95	2.51798G	-54.35	16.25945G	-41.81	1
2437MHz	Pass	2.43591G	14.16	-15.84	2.30059G	-56.32	2.39952G	-50.57	2.4G	-52.37	2.50086G	-54.23	16.26788G	-41.08	2
2462MHz	Pass	2.43591G	14.16	-15.84	2.30641G	-55.86	2.4G	-52.98	2.4G	-53.38	2.51598G	-53.97	16.97027G	-42.59	1
2462MHz	Pass	2.43591G	14.16	-15.84	733.66M	-56.55	2.4G	-51.68	2.4G	-53.91	2.50758G	-53.86	15.28734G	-42.28	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.96	-20.04	2.16079G	-56.74	2.4G	-41.67	2.4G	-38.56	2.50006G	-54.34	16.62469G	-42.61	1
2412MHz	Pass	2.44192G	9.96	-20.04	2.13632G	-56.10	2.39824G	-40.72	2.4G	-36.89	2.51582G	-54.42	17.63895G	-42.49	2
2437MHz	Pass	2.44192G	9.96	-20.04	959.67M	-57.00	2.39952G	-46.82	2.4G	-47.44	2.50518G	-54.32	16.82698G	-43.03	1
2437MHz	Pass	2.44192G	9.96	-20.04	2.11302G	-56.77	2.39984G	-42.42	2.4G	-42.58	2.51894G	-54.98	17.6249G	-42.84	2
2462MHz	Pass	2.44192G	9.96	-20.04	2.30874G	-56.21	2.39848G	-52.78	2.4G	-54.04	2.5103G	-54.24	16.23697G	-43.46	1
2462MHz	Pass	2.44192G	9.96	-20.04	2.15962G	-56.34	2.4G	-51.75	2.4G	-54.40	2.50334G	-54.22	15.1862G	-42.43	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.91	-21.09	2.14564G	-55.66	2.39984G	-38.84	2.4G	-35.51	2.50038G	-53.73	16.20888G	-42.46	1
2412MHz	Pass	2.44192G	8.91	-21.09	759.29M	-56.19	2.4G	-37.55	2.4G	-35.70	2.5043G	-54.92	16.23417G	-42.32	2
2437MHz	Pass	2.44192G	8.91	-21.09	1.98138G	-56.54	2.39928G	-41.10	2.4G	-45.62	2.50902G	-54.81	16.23978G	-42.15	1
2437MHz	Pass	2.44192G	8.91	-21.09	1.99303G	-56.01	2.3976G	-40.43	2.4G	-39.83	2.52238G	-54.02	17.65299G	-42.39	2
2462MHz	Pass	2.44192G	8.91	-21.09	2.30408G	-56.72	2.3952G	-53.49	2.4G	-54.29	2.51086G	-53.64	16.20607G	-42.39	1
2462MHz	Pass	2.44192G	8.91	-21.09	2.18292G	-56.59	2.398G	-53.49	2.4G	-55.40	2.51862G	-53.08	16.28474G	-42.31	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2412MHz

23/01/2026

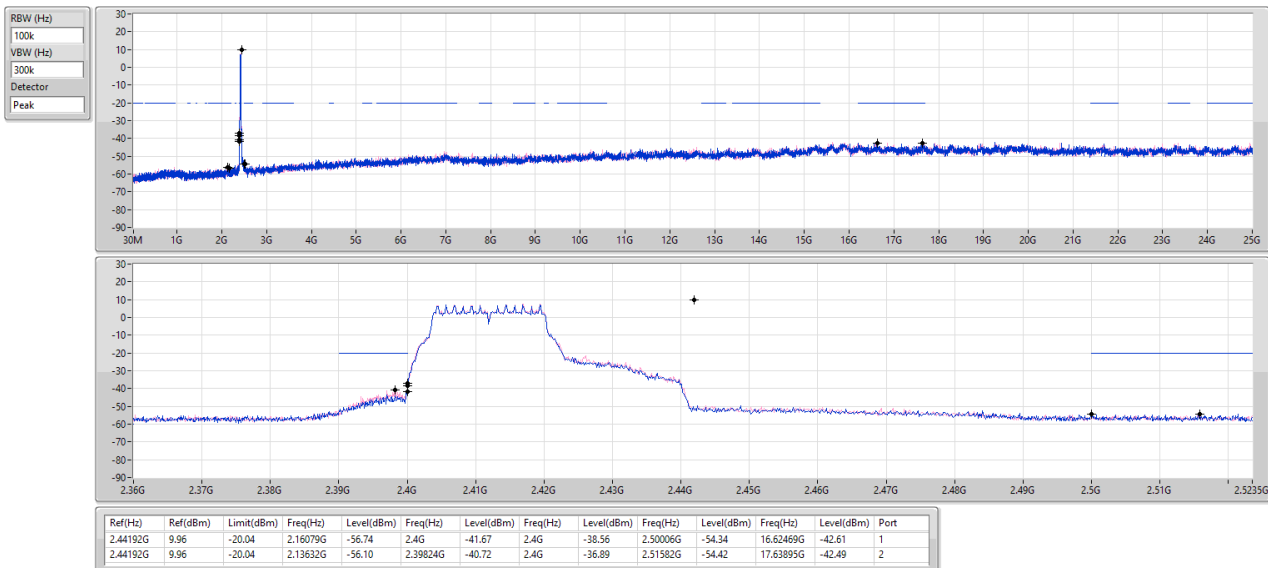


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

23/01/2026





2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

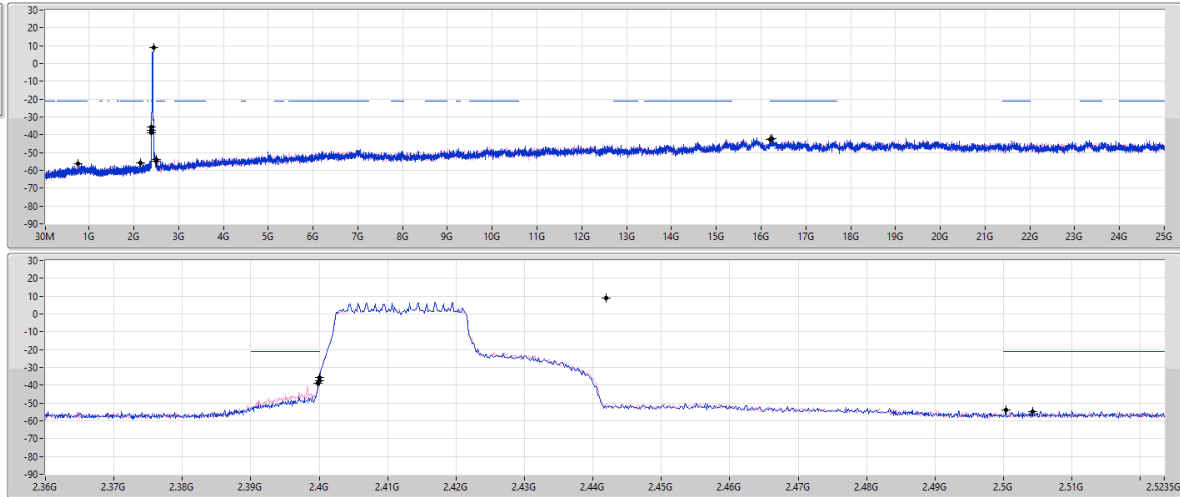
CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

23/01/2026

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	8.91	-21.09	2.14564G	-55.66	2.39984G	-38.84	2.4G	-35.51	2.50038G	-53.73	16.20888G	-42.46	1
2.44192G	8.91	-21.09	759.29M	-56.19	2.4G	-37.55	2.4G	-35.70	2.5043G	-54.92	16.23417G	-42.32	2