

FCC Radio Test Report

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022
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. 01, 2025 and completed on Mar. 06, 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

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History of this test report

Report No.	Version	Description	Issued Date
FR5O0964AC	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: Sam Tsai

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 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.
- ♦ EHT20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM 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.G49	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
2	2	WNC	95XPAM15.G50	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
3	3	WNC	95XPAM15.G51	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
4	4	WNC	95XPAM15.G52	PIFA	I-Pex	2.4G + 5G Full & High	Radio 1+Radio 2	-
5	1	WNC	95XPAM15.G45	PIFA	I-Pex	5G Low & 6G High	Radio 1	-
6	2	WNC	95XPAM15.G46	PIFA	I-Pex	5G Low & 6G High	Radio 1	-
7	3	WNC	95XPAM15.G47	Alford loop	I-Pex	5G Low & 6G High	Radio 1	-
8	4	WNC	95XPAM15.G48	Alford loop	I-Pex	5G Low & 6G High	Radio 1	-
9	1	WNC	95XPAM15.G41	PIFA	I-Pex	6G Full & 6G Low	Radio 3	-
10	2	WNC	95XPAM15.G42	PIFA	I-Pex	6G Full & 6G Low	Radio 3	-
11	3	WNC	95XPAM15.G43	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	-
12	4	WNC	95XPAM15.G44	Alford loop	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	Alford loop	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	2.15	5.74	5.77	5.3	4.82	-	-	-	-	-	-	-
2	2	3.45	5.99	6.45	6.41	6.34	-	-	-	-	-	-	-
3	3	2.18	6.63	6.66	6.27	5.95	-	-	-	-	-	-	-
4	4	2.63	6.04	5.63	4.26	2.27	-	-	-	-	-	-	-
5	1	-	4.93	5.19	-	-	-	-	5.06	4.82	-	-	-
6	2	-	4.65	5.24	-	-	-	-	4.77	4.35	-	-	-
7	3	-	4.82	5.08	-	-	-	-	2.58	3.71	-	-	-
8	4	-	2.81	2.66	-	-	-	-	2.57	2.5	-	-	-
9	1	-	-	-	-	-	4.97	3.84	4.55	4.79	-	-	-
10	2	-	-	-	-	-	5.69	5.41	5.56	5.02	-	-	-
11	3	-	-	-	-	-	4.2	5.01	3.8	5.01	-	-	-
12	4	-	-	-	-	-	3.94	4.32	3.2	4.54	-	-	-
13	1	3.1	3.54	3.26	3.65	2.58	3.03	3.21	3.62	3.22	-	-	-
14	2	2.91	4.08	3.88	4.3	4.67	6.04	5.01	5.64	5.24	-	-	-
15	1	-	-	-	-	-	-	-	-	-	4	4	-
16	2	-	-	-	-	-	-	-	-	-	5.1	5.1	-
17	3	-	-	-	-	-	-	-	-	-	3.6	3.6	-
18	1	-	-	-	-	-	-	-	-	-	-	-	5.8
19	2	-	-	-	-	-	-	-	-	-	-	-	4.8
20	3	-	-	-	-	-	-	-	-	-	-	-	3.9
21	4	-	-	-	-	-	-	-	-	-	-	-	4.8

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]	6.82	10.36	10.35	9.83	9.17	-	-	-	-
	DG [2SS]	3.82	7.36	7.35	6.83	6.34	-	-	-	-
	DG [4SS]	3.45	6.63	6.66	6.41	6.34	-	-	-	-
5~8	DG [1SS]	-	5.69	5.63	-	-	-	-	5.77	5.61
	DG [2SS]	-	4.93	5.24	-	-	-	-	5.06	4.82
	DG [4SS]	-	4.93	5.24	-	-	-	-	5.06	4.82
9~12	DG [1SS]	-	-	-	-	-	5.91	6.8	5.56	6.06
	DG [2SS]	-	-	-	-	-	5.69	5.41	5.56	5.02
	DG [4SS]	-	-	-	-	-	5.69	5.41	5.56	5.02

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]	5.29	6.92	7.56	7.4	6.45	-	-	-	-
	DG [2SS]	3.45	5.99	6.45	6.41	6.34	-	-	-	-
5~6	DG [1SS]	-	7.49	7.94	-	-	-	-	7.87	7.36
	DG [2SS]	-	4.93	5.24	-	-	-	-	5.06	4.82
9~10	DG [1SS]	-	-	-	-	-	6.85	6.13	6.51	5.83
	DG [2SS]	-	-	-	-	-	5.69	5.41	5.56	5.02
13~14	DG [1SS]	3.95	6.62	6.37	6.99	5.33	6.09	5.99	6.72	5.49
	DG [2SS]	3.1	4.08	3.88	4.3	4.67	6.04	5.01	5.64	5.24

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 AP5O0964A.

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	0.935	0.29	8.418m	200
802.11g_Nss1,(6Mbps)_1TX	0.534	2.72	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	0.935	0.29	8.418m	200
802.11g_Nss1,(6Mbps)_2TX	0.537	2.7	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	0.901	0.45	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	0.935	0.29	8.419m	200
802.11g_Nss1,(6Mbps)_4TX	0.536	2.71	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	8.419m	200
802.11g_Nss1,(6Mbps)_2TX	0.541	2.67	129.375u	10k
802.11be EHT20_Nss1,(MCS0)_2TX	0.91	0.41	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	0.905	0.43	312.187u	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	CO04-HY	Andy Wang	23.1~23.9°C / 56~62%	09/Jan/2026
Radiated_ Co-location	03CH03-HY	Ian Liou	17.9~19.5°C / 52~55%	02/Mar/2026~06/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	21.2~21.6°C / 51~59%	06/Nov/2025~07/Nov/2025
Radiated_ Radio 1	03CH24-HY	Jack Tang	21.1~23.4°C / 53~59%	01/Nov/2025~10/Nov/2025
Radiated_ Scan Radio	03CH24-HY	Jack Tang	21.1~23.4°C / 53~59%	02/Nov/2025~10/Nov/2025

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMtool_3_4_1_0
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Non-Beamforming_Radio 1_1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	88
2437MHz	88
2462MHz	88
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	84
2417MHz	88
2437MHz	88
2457MHz	88
2462MHz	87
802.11be EHT20_Nss1,(MCS0)_1TX	-
2412MHz	83
2417MHz	88
2437MHz	88
2457MHz	84
2462MHz	83

Non-Beamforming_Radio 1_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	88
2437MHz	88
2462MHz	88
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	85
2417MHz	88
2437MHz	88
2457MHz	88
2462MHz	81
802.11be EHT20_Nss1,(MCS0)_2TX	-



Mode	Power Setting
2412MHz	81
2417MHz	87
2437MHz	82
2457MHz	86
2462MHz	77

Non-Beamforming_Radio 1_2T2S

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
2412MHz	82
2417MHz	87
2437MHz	83
2457MHz	84
2462MHz	78

Non-Beamforming_Radio 1_4T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	88
2437MHz	88
2457MHz	88
2462MHz	87
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	81
2417MHz	86
2437MHz	82
2457MHz	85
2462MHz	79
802.11be EHT20_Nss1,(MCS0)_4TX	-
2412MHz	77
2437MHz	77
2457MHz	82
2462MHz	76

**Non-Beamforming_Radio 1_4T4S**

Mode	Power Setting
802.11be EHT20_Nss4,(MCS0)_4TX	-
2412MHz	79
2417MHz	86
2437MHz	82
2457MHz	81
2462MHz	75

Non-Beamforming_Scan Radio_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	88
2437MHz	88
2462MHz	88
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	88
2437MHz	88
2462MHz	88
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	88
2437MHz	82
2462MHz	82

Non-Beamforming_Scan Radio_2T2S

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

Beamforming_Radio 1

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	77
2437MHz	77
2457MHz	82
2462MHz	76

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	Adapter mode		
2	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

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.: FA5O0964A 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.

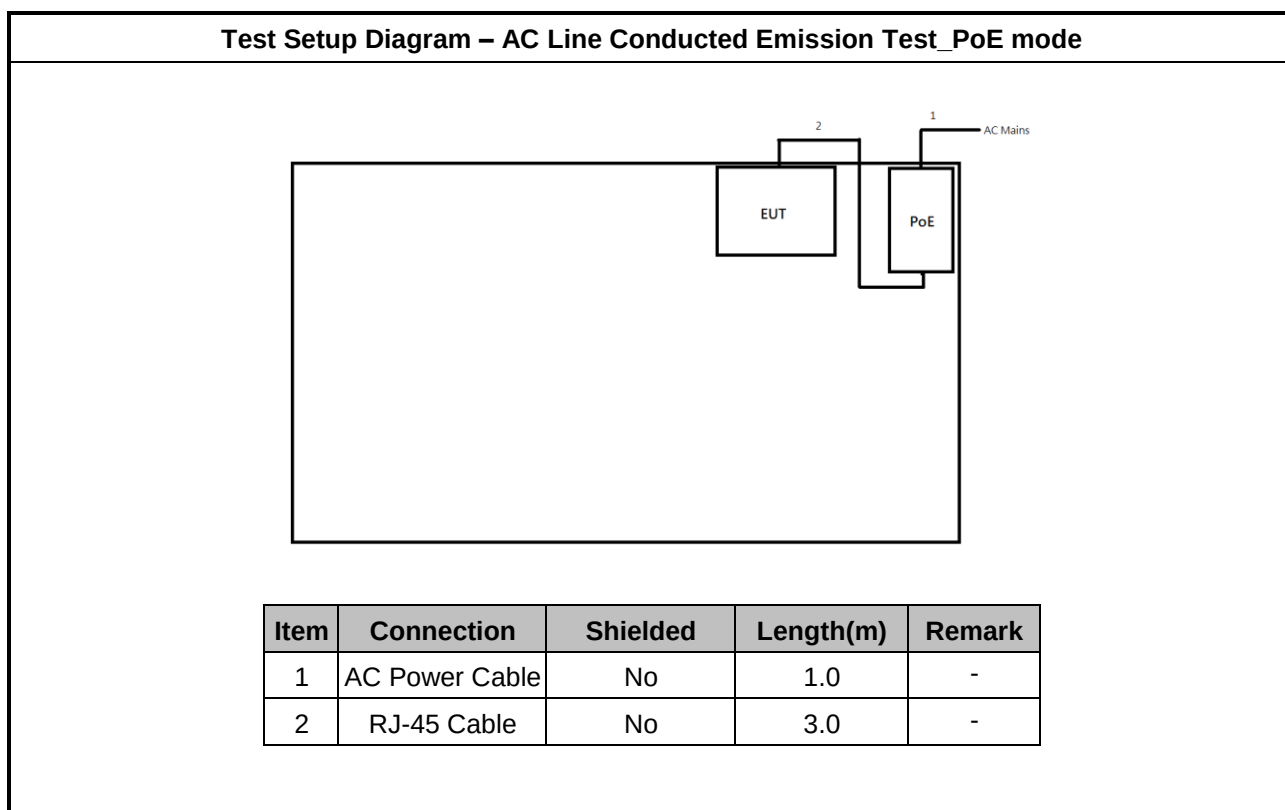
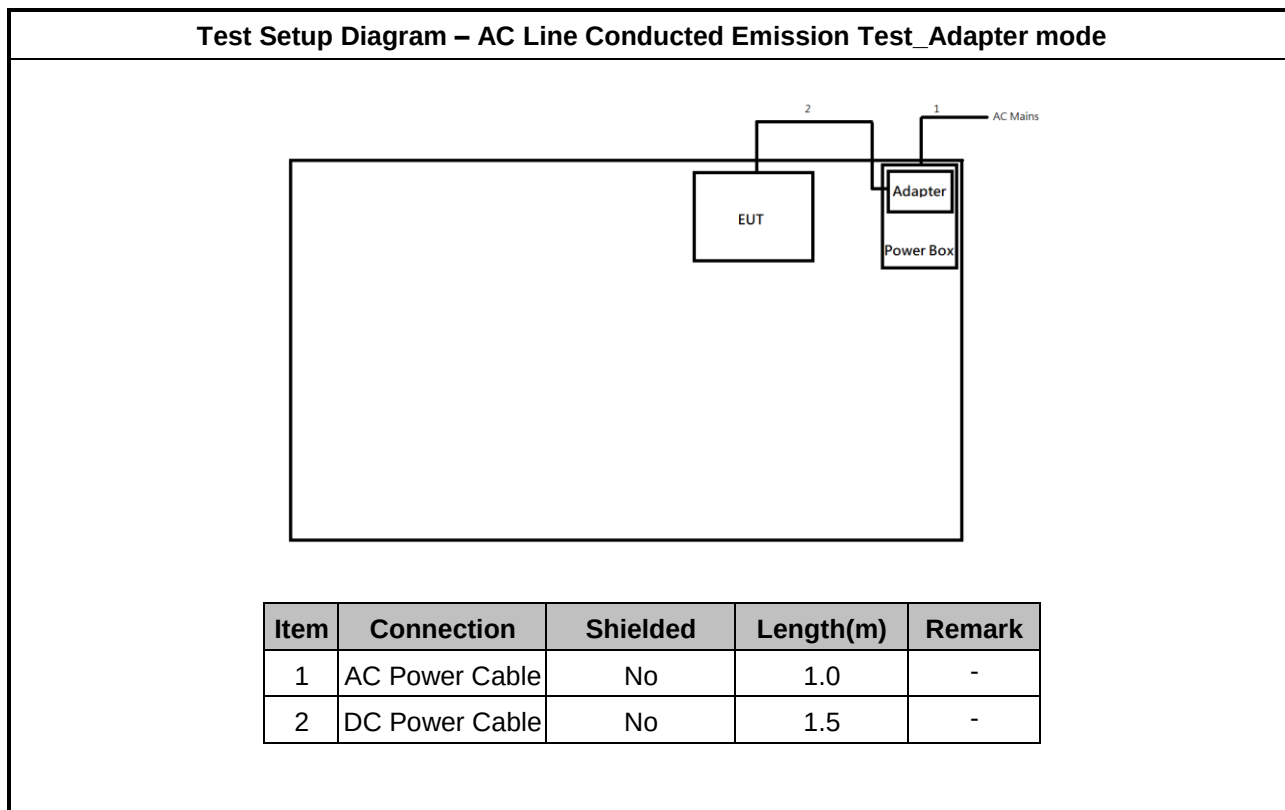
2.4 Support Equipment

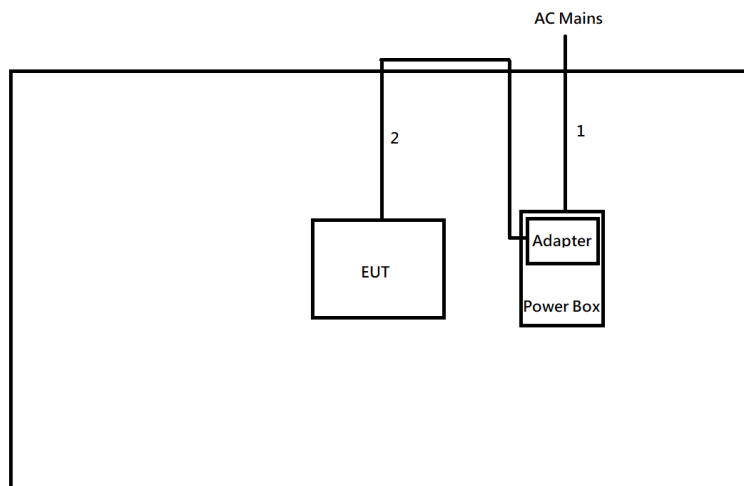
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	Microsemi Corp.	PD-9501-10GC/AC	-	Provided by Customer
2	RJ-45 Cable	Power sync	CAT-6E-03	-	-
3	AC power cable	Power sync	PW-GPC180-3	-	-
4	Adapter	Powertron	PA1045-120HIB300	-	Provided by Customer

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	-	-

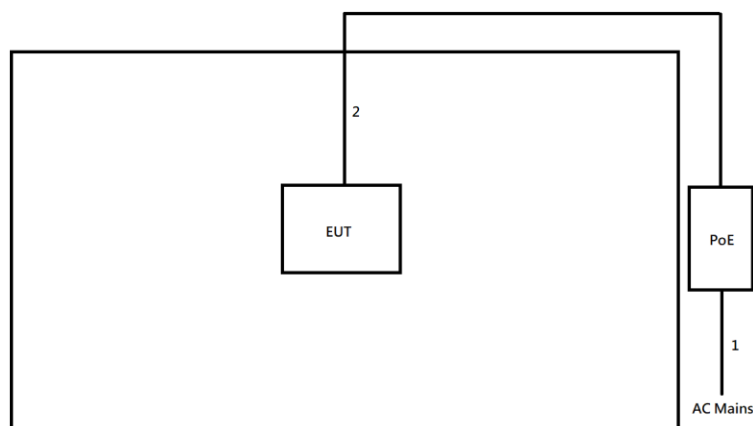
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Adapter	Powertron	PA1045-120HIB300	-	Provided by Customer
3	PoE (Remote)	Microsemi Corp.	PD-9501-10GC/AC	-	Provided by Customer
4	AC power cable (Remote)	Power sync	PW-GPC180-3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

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

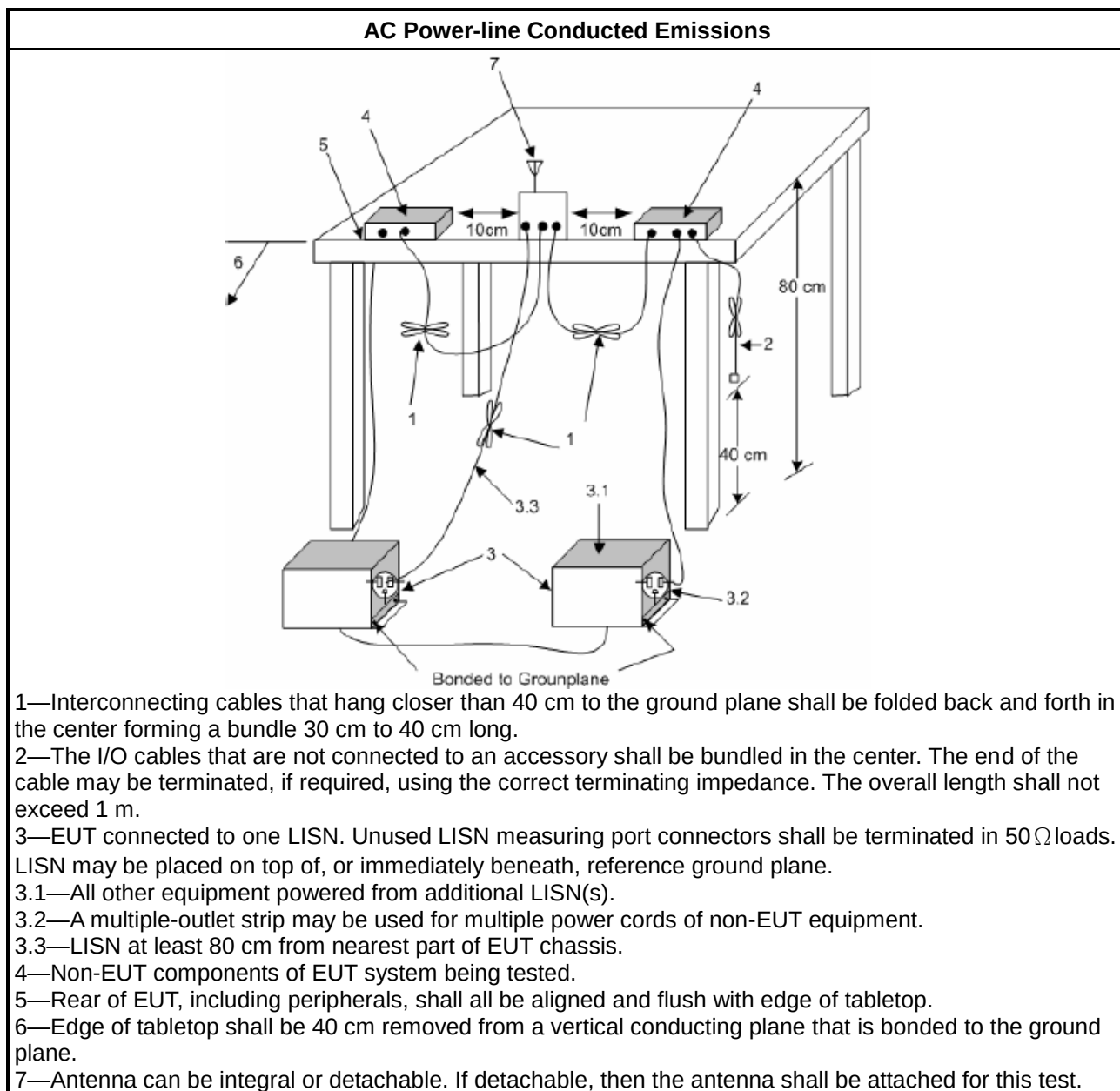
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

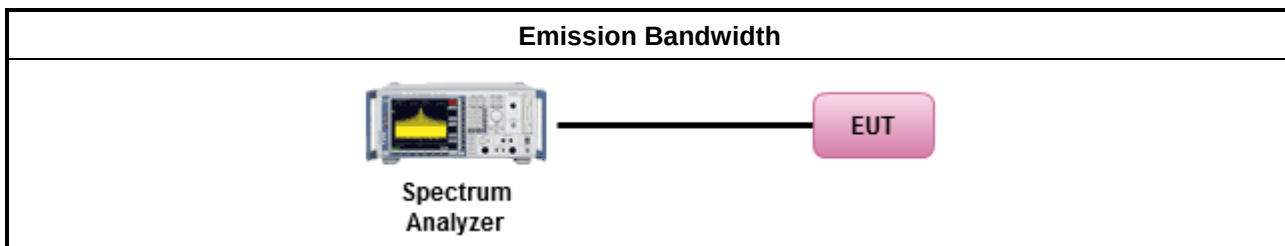
3.2.2 Measuring Instruments

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.	

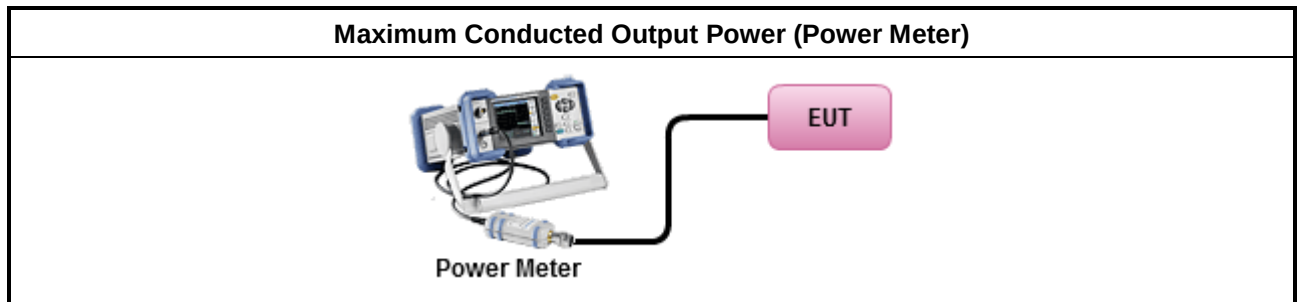
3.3.2 Measuring Instruments

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

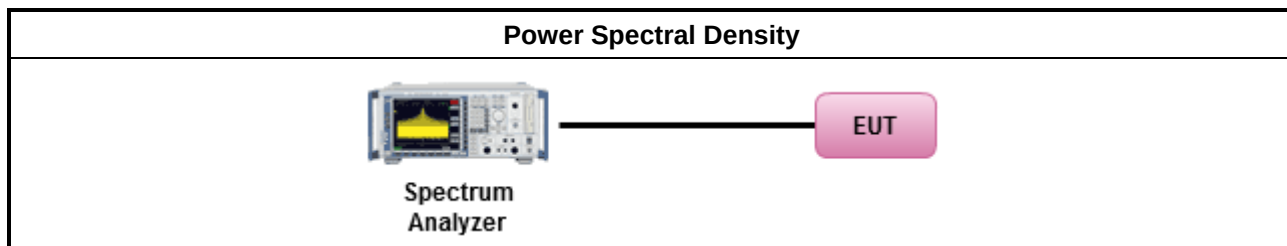
3.4.2 Measuring Instruments

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.	

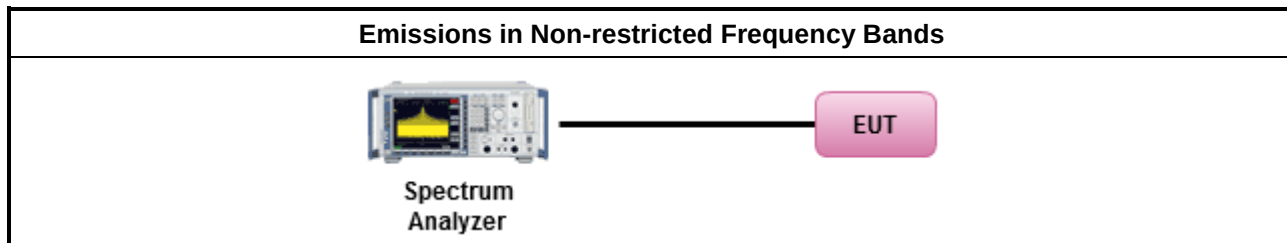
3.5.2 Measuring Instruments

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

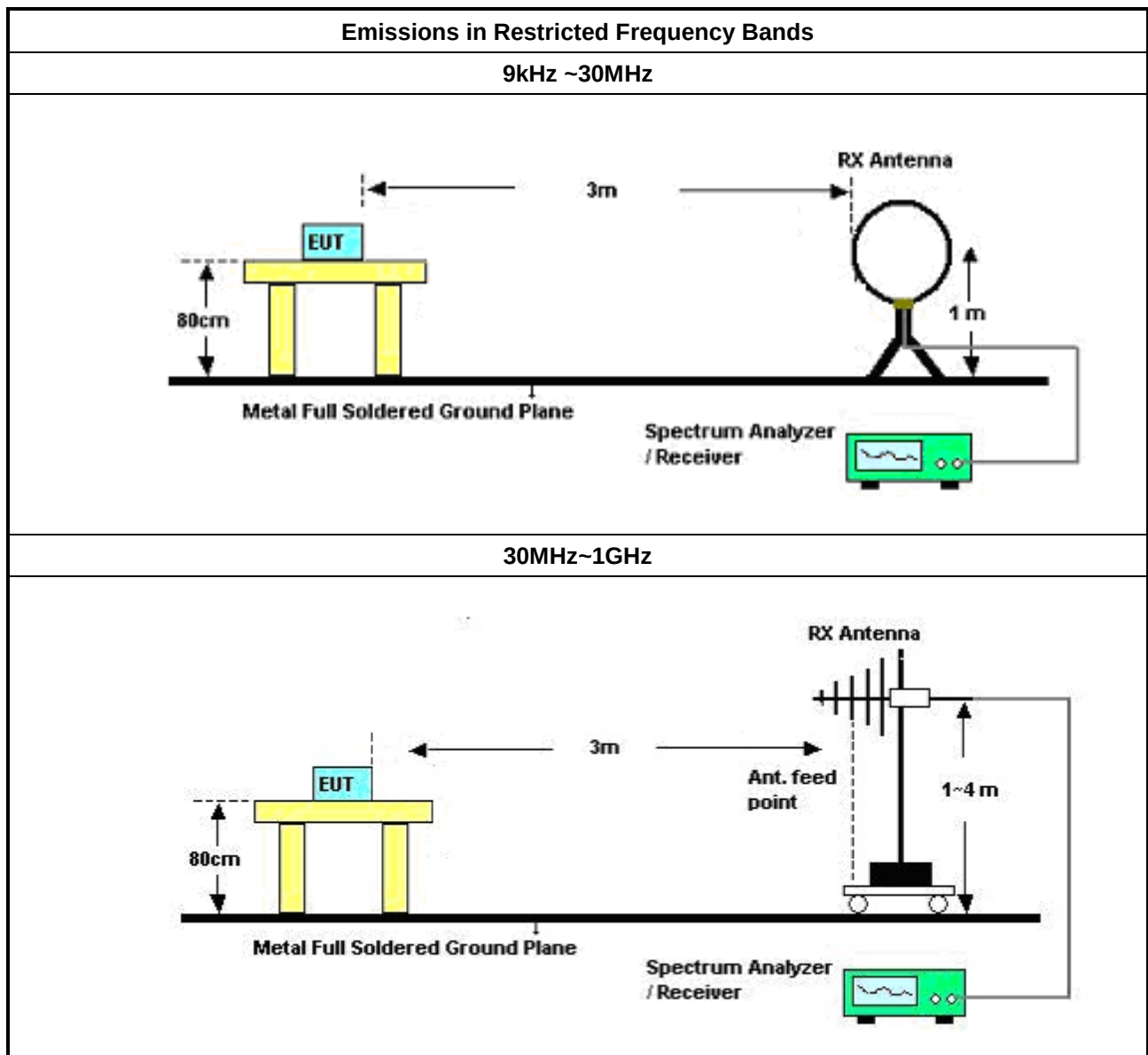
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted 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.

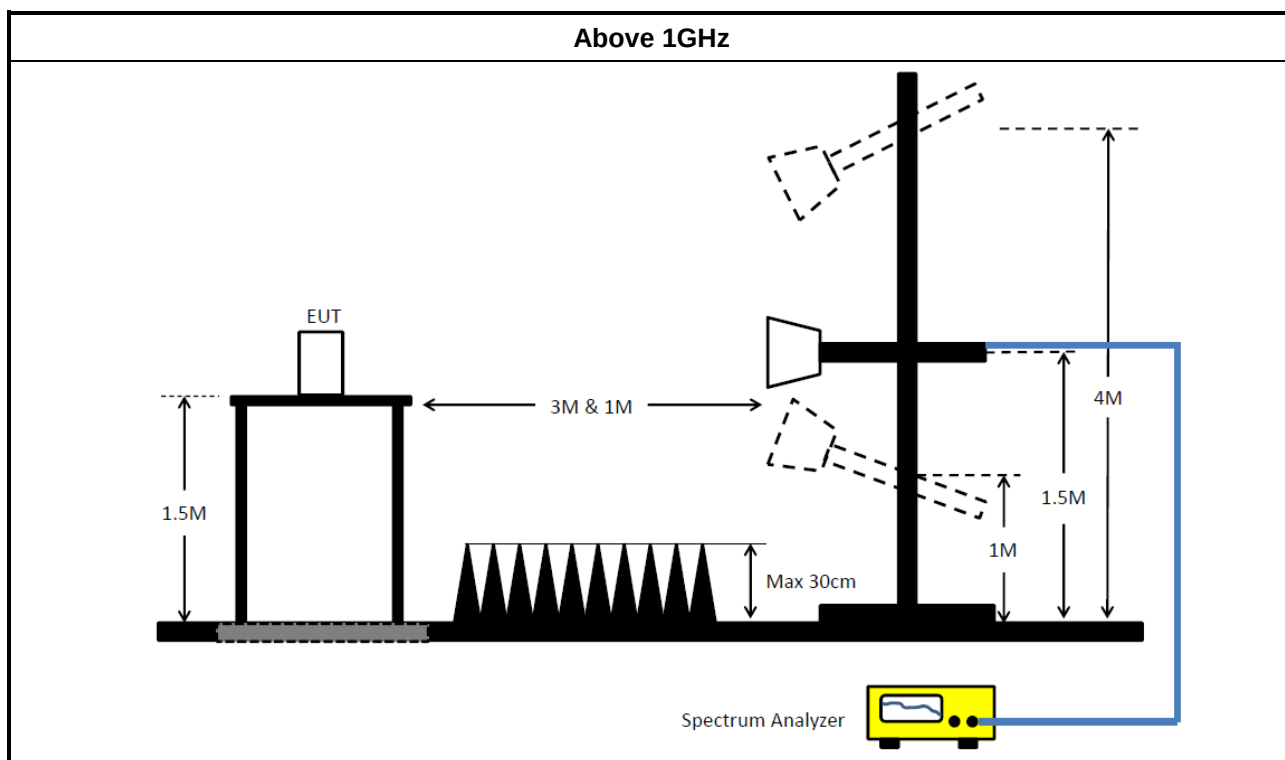
3.6.4 Measurement Results Calculation

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	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	183621	23kHz~40GHz	02/Jan/2025	01/Jan/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

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	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
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-EMI	Sporton	V5.11.10	NA	NA	NA	NA



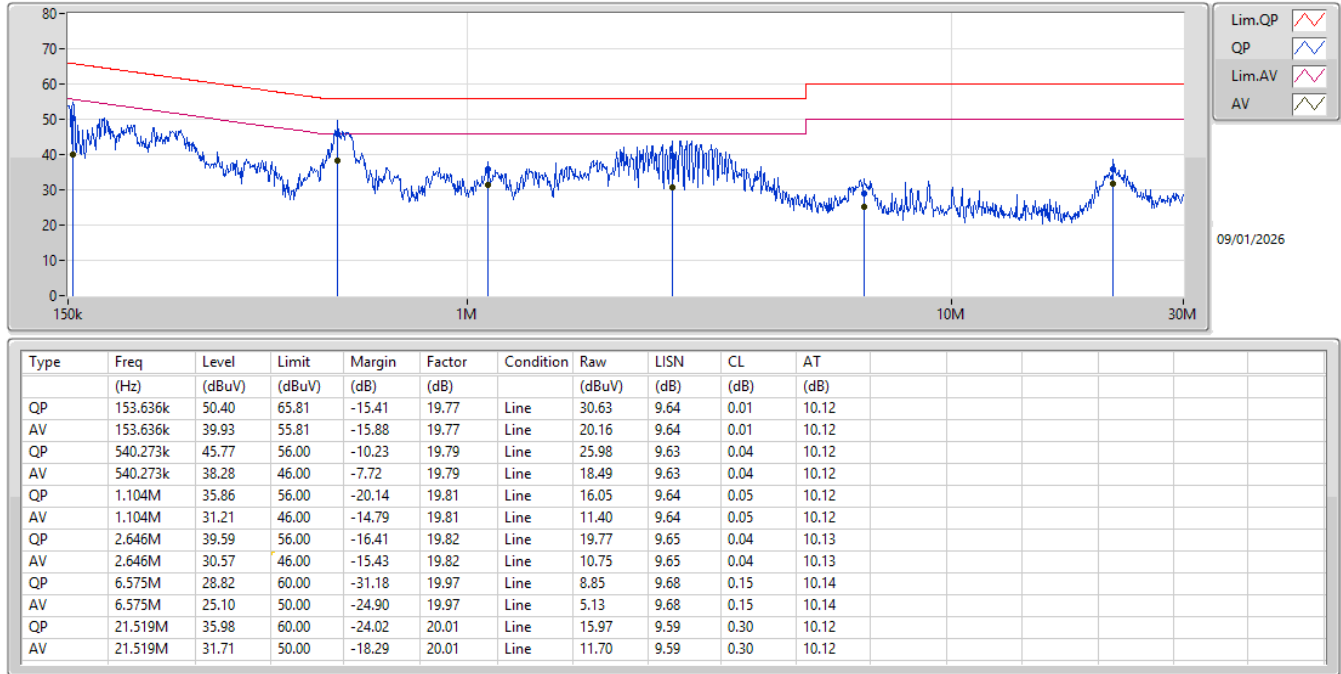
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	540.273k	38.28	46.00	-7.72	Line
Mode 2	Pass	QP	150.6k	57.76	65.96	-8.20	Neutral

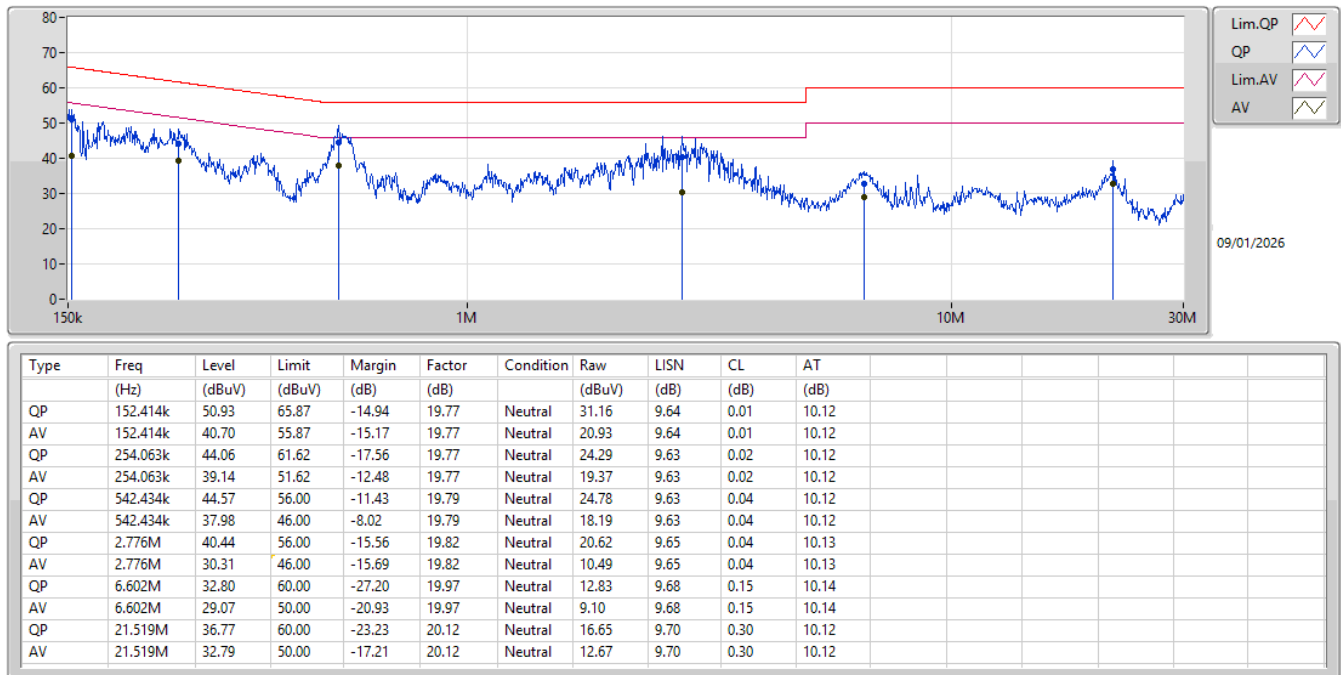
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.636k	50.40	65.81	-15.41	Line
Mode 1	Pass	AV	153.636k	39.93	55.81	-15.88	Line
Mode 1	Pass	QP	540.273k	45.77	56.00	-10.23	Line
Mode 1	Pass	AV	540.273k	38.28	46.00	-7.72	Line
Mode 1	Pass	QP	1.104M	35.86	56.00	-20.14	Line
Mode 1	Pass	AV	1.104M	31.21	46.00	-14.79	Line
Mode 1	Pass	QP	2.646M	39.59	56.00	-16.41	Line
Mode 1	Pass	AV	2.646M	30.57	46.00	-15.43	Line
Mode 1	Pass	QP	6.575M	28.82	60.00	-31.18	Line
Mode 1	Pass	AV	6.575M	25.10	50.00	-24.90	Line
Mode 1	Pass	QP	21.519M	35.98	60.00	-24.02	Line
Mode 1	Pass	AV	21.519M	31.71	50.00	-18.29	Line
Mode 1	Pass	QP	152.414k	50.93	65.87	-14.94	Neutral
Mode 1	Pass	AV	152.414k	40.70	55.87	-15.17	Neutral
Mode 1	Pass	QP	254.063k	44.06	61.62	-17.56	Neutral
Mode 1	Pass	AV	254.063k	39.14	51.62	-12.48	Neutral
Mode 1	Pass	QP	542.434k	44.57	56.00	-11.43	Neutral
Mode 1	Pass	AV	542.434k	37.98	46.00	-8.02	Neutral
Mode 1	Pass	QP	2.776M	40.44	56.00	-15.56	Neutral
Mode 1	Pass	AV	2.776M	30.31	46.00	-15.69	Neutral
Mode 1	Pass	QP	6.602M	32.80	60.00	-27.20	Neutral
Mode 1	Pass	AV	6.602M	29.07	50.00	-20.93	Neutral
Mode 1	Pass	QP	21.519M	36.77	60.00	-23.23	Neutral
Mode 1	Pass	AV	21.519M	32.79	50.00	-17.21	Neutral
Mode 2	Pass	QP	154.25k	55.39	65.77	-10.38	Line
Mode 2	Pass	AV	154.25k	35.83	55.77	-19.94	Line
Mode 2	Pass	QP	255.08k	40.91	61.58	-20.67	Line
Mode 2	Pass	AV	255.08k	28.39	51.58	-23.19	Line
Mode 2	Pass	QP	453.24k	30.30	56.82	-26.52	Line
Mode 2	Pass	AV	453.24k	20.02	46.82	-26.80	Line
Mode 2	Pass	QP	646.59k	23.48	56.00	-32.52	Line
Mode 2	Pass	AV	646.59k	19.43	46.00	-26.57	Line
Mode 2	Pass	QP	4.99M	21.88	56.00	-34.12	Line
Mode 2	Pass	AV	4.99M	18.47	46.00	-27.53	Line
Mode 2	Pass	QP	5.83M	23.22	60.00	-36.78	Line
Mode 2	Pass	AV	5.83M	18.77	50.00	-31.23	Line
Mode 2	Pass	QP	150.6k	57.76	65.96	-8.20	Neutral
Mode 2	Pass	AV	150.6k	38.63	55.96	-17.33	Neutral
Mode 2	Pass	QP	257.12k	40.28	61.53	-21.25	Neutral
Mode 2	Pass	AV	257.12k	29.35	51.53	-22.18	Neutral
Mode 2	Pass	QP	361k	32.73	58.70	-25.97	Neutral
Mode 2	Pass	AV	361k	21.59	48.70	-27.11	Neutral
Mode 2	Pass	QP	657k	24.40	56.00	-31.60	Neutral
Mode 2	Pass	AV	657k	20.02	46.00	-25.98	Neutral
Mode 2	Pass	QP	4.91M	23.37	56.00	-32.63	Neutral
Mode 2	Pass	AV	4.91M	19.17	46.00	-26.83	Neutral
Mode 2	Pass	QP	5.41M	26.09	60.00	-33.91	Neutral
Mode 2	Pass	AV	5.41M	20.06	50.00	-29.94	Neutral

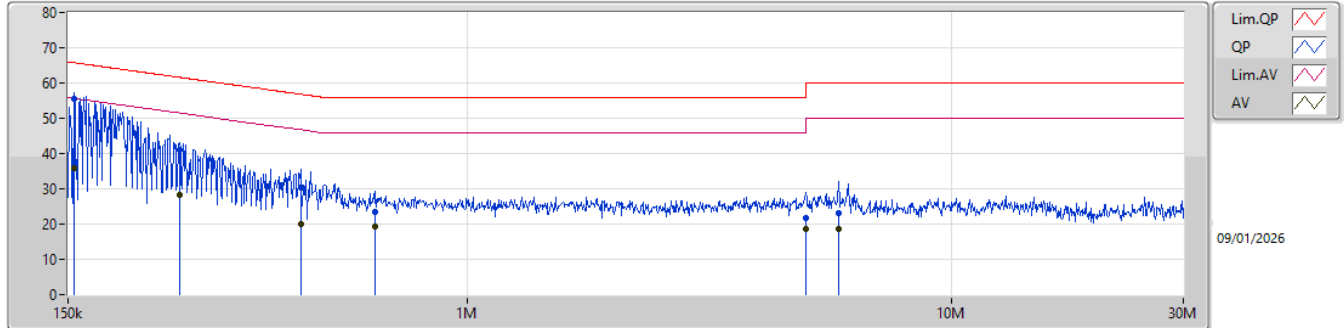
Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1

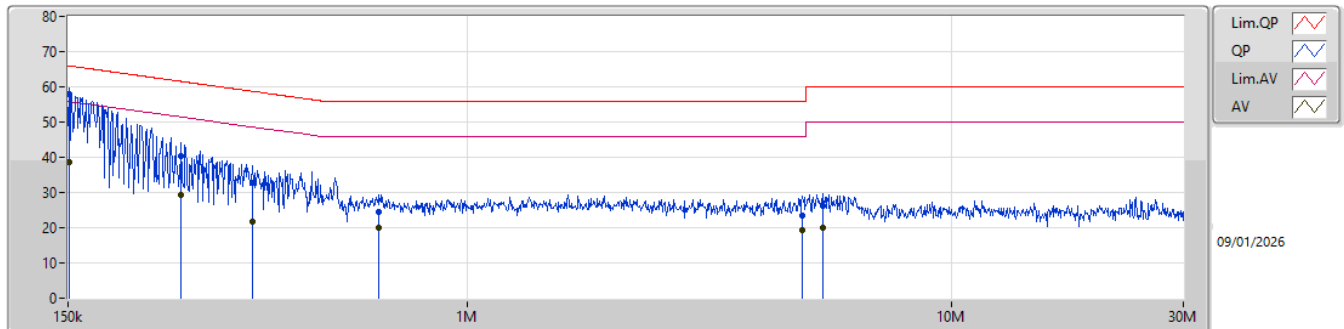


Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	154.25k	55.39	65.77	-10.38	19.77	Line	35.62	9.64	0.01	10.12
AV	154.25k	35.83	55.77	-19.94	19.77	Line	16.06	9.64	0.01	10.12
QP	255.08k	40.91	61.58	-20.67	19.78	Line	21.13	9.64	0.02	10.12
AV	255.08k	28.39	51.58	-23.19	19.78	Line	8.61	9.64	0.02	10.12
QP	453.24k	30.30	56.82	-26.52	19.78	Line	10.52	9.63	0.03	10.12
AV	453.24k	20.02	46.82	-26.80	19.78	Line	0.24	9.63	0.03	10.12
QP	646.59k	23.48	56.00	-32.52	19.80	Line	3.68	9.64	0.04	10.12
AV	646.59k	19.43	46.00	-26.57	19.80	Line	-0.37	9.64	0.04	10.12
QP	4.99M	21.88	56.00	-34.12	19.90	Line	1.98	9.67	0.10	10.13
AV	4.99M	18.47	46.00	-27.53	19.90	Line	-1.43	9.67	0.10	10.13
QP	5.83M	23.22	60.00	-36.78	19.93	Line	3.29	9.67	0.13	10.13
AV	5.83M	18.77	50.00	-31.23	19.93	Line	-1.16	9.67	0.13	10.13

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150.6k	57.76	65.96	-8.20	19.77	Neutral	37.99	9.64	0.01	10.12
AV	150.6k	38.63	55.96	-17.33	19.77	Neutral	18.86	9.64	0.01	10.12
QP	257.12k	40.28	61.53	-21.25	19.77	Neutral	20.51	9.63	0.02	10.12
AV	257.12k	29.35	51.53	-22.18	19.77	Neutral	9.58	9.63	0.02	10.12
QP	361k	32.73	58.70	-25.97	19.78	Neutral	12.95	9.63	0.03	10.12
AV	361k	21.59	48.70	-27.11	19.78	Neutral	1.81	9.63	0.03	10.12
QP	657k	24.40	56.00	-31.60	19.80	Neutral	4.60	9.64	0.04	10.12
AV	657k	20.02	46.00	-25.98	19.80	Neutral	0.22	9.64	0.04	10.12
QP	4.91M	23.37	56.00	-32.63	19.89	Neutral	3.48	9.67	0.09	10.13
AV	4.91M	19.17	46.00	-26.83	19.89	Neutral	-0.72	9.67	0.09	10.13
QP	5.41M	26.09	60.00	-33.91	19.91	Neutral	6.18	9.67	0.11	10.13
AV	5.41M	20.06	50.00	-29.94	19.91	Neutral	0.15	9.67	0.11	10.13



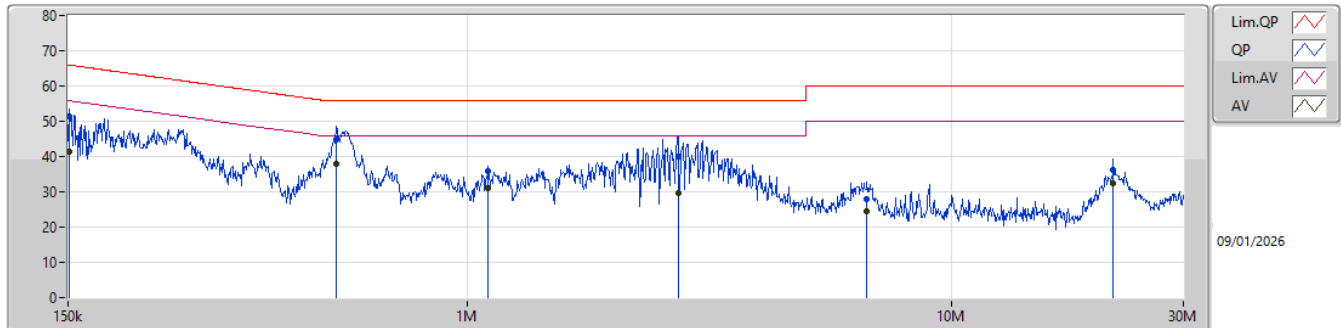
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	535.976k	37.96	46.00	-8.04	Line
Mode 2	Pass	QP	165.08k	58.17	65.20	-7.03	Line

Result

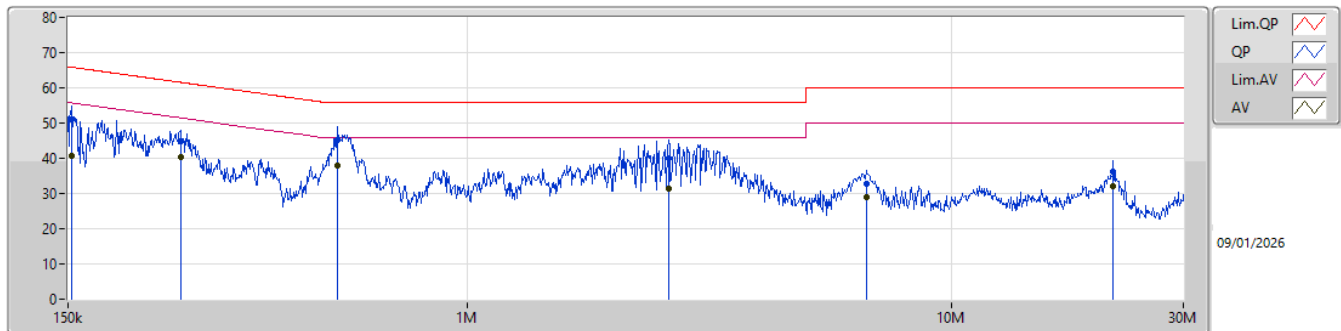
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	51.55	65.96	-14.41	Line
Mode 1	Pass	AV	150.6k	41.44	55.96	-14.52	Line
Mode 1	Pass	QP	535.976k	44.86	56.00	-11.14	Line
Mode 1	Pass	AV	535.976k	37.96	46.00	-8.04	Line
Mode 1	Pass	QP	1.104M	35.69	56.00	-20.31	Line
Mode 1	Pass	AV	1.104M	31.04	46.00	-14.96	Line
Mode 1	Pass	QP	2.721M	39.90	56.00	-16.10	Line
Mode 1	Pass	AV	2.721M	29.78	46.00	-16.22	Line
Mode 1	Pass	QP	6.681M	28.10	60.00	-31.90	Line
Mode 1	Pass	AV	6.681M	24.42	50.00	-25.58	Line
Mode 1	Pass	QP	21.519M	36.34	60.00	-23.66	Line
Mode 1	Pass	AV	21.519M	32.34	50.00	-17.66	Line
Mode 1	Pass	QP	152.414k	50.90	65.87	-14.97	Neutral
Mode 1	Pass	AV	152.414k	40.79	55.87	-15.08	Neutral
Mode 1	Pass	QP	256.1k	44.85	61.56	-16.71	Neutral
Mode 1	Pass	AV	256.1k	40.22	51.56	-11.34	Neutral
Mode 1	Pass	QP	538.12k	45.30	56.00	-10.70	Neutral
Mode 1	Pass	AV	538.12k	37.94	46.00	-8.06	Neutral
Mode 1	Pass	QP	2.604M	39.90	56.00	-16.10	Neutral
Mode 1	Pass	AV	2.604M	31.22	46.00	-14.78	Neutral
Mode 1	Pass	QP	6.655M	32.90	60.00	-27.10	Neutral
Mode 1	Pass	AV	6.655M	29.04	50.00	-20.96	Neutral
Mode 1	Pass	QP	21.519M	36.14	60.00	-23.86	Neutral
Mode 1	Pass	AV	21.519M	32.07	50.00	-17.93	Neutral
Mode 2	Pass	QP	165.08k	58.17	65.20	-7.03	Line
Mode 2	Pass	AV	165.08k	38.01	55.20	-17.19	Line
Mode 2	Pass	QP	255.08k	45.96	61.58	-15.62	Line
Mode 2	Pass	AV	255.08k	31.56	51.58	-20.02	Line
Mode 2	Pass	QP	358.13k	36.08	58.77	-22.69	Line
Mode 2	Pass	AV	358.13k	20.99	48.77	-27.78	Line
Mode 2	Pass	QP	636.35k	28.21	56.00	-27.79	Line
Mode 2	Pass	AV	636.35k	20.57	46.00	-25.43	Line
Mode 2	Pass	QP	4.46M	24.46	56.00	-31.54	Line
Mode 2	Pass	AV	4.46M	20.02	46.00	-25.98	Line
Mode 2	Pass	QP	6.05M	27.87	60.00	-32.13	Line
Mode 2	Pass	AV	6.05M	21.35	50.00	-28.65	Line
Mode 2	Pass	QP	164.43k	57.74	65.24	-7.50	Neutral
Mode 2	Pass	AV	164.43k	36.93	55.24	-18.31	Neutral
Mode 2	Pass	QP	250.04k	45.72	61.76	-16.04	Neutral
Mode 2	Pass	AV	250.04k	29.13	51.76	-22.63	Neutral
Mode 2	Pass	QP	352.46k	38.25	58.91	-20.66	Neutral
Mode 2	Pass	AV	352.46k	24.00	48.91	-24.91	Neutral
Mode 2	Pass	QP	1.8M	27.46	56.00	-28.54	Neutral
Mode 2	Pass	AV	1.8M	22.22	46.00	-23.78	Neutral
Mode 2	Pass	QP	4.93M	27.36	56.00	-28.64	Neutral
Mode 2	Pass	AV	4.93M	21.68	46.00	-24.32	Neutral
Mode 2	Pass	QP	5.28M	27.93	60.00	-32.07	Neutral
Mode 2	Pass	AV	5.28M	21.83	50.00	-28.17	Neutral

Conducted Emissions at Powerline_Mode 1



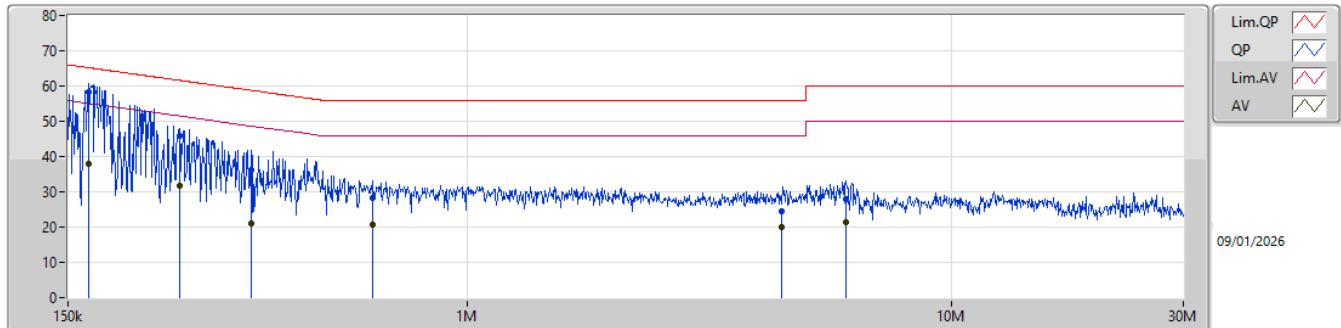
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	150.6k	51.55	65.96	-14.41	19.77	Line	31.78	9.64	0.01	10.12								
AV	150.6k	41.44	55.96	-14.52	19.77	Line	21.67	9.64	0.01	10.12								
QP	535.976k	44.86	56.00	-11.14	19.79	Line	25.07	9.63	0.04	10.12								
AV	535.976k	37.96	46.00	-8.04	19.79	Line	18.17	9.63	0.04	10.12								
QP	1.104M	35.69	56.00	-20.31	19.81	Line	15.88	9.64	0.05	10.12								
AV	1.104M	31.04	46.00	-14.96	19.81	Line	11.23	9.64	0.05	10.12								
QP	2.721M	39.90	56.00	-16.10	19.82	Line	20.08	9.65	0.04	10.13								
AV	2.721M	29.78	46.00	-16.22	19.82	Line	9.96	9.65	0.04	10.13								
QP	6.681M	28.10	60.00	-31.90	19.98	Line	8.12	9.68	0.16	10.14								
AV	6.681M	24.42	50.00	-25.58	19.98	Line	4.44	9.68	0.16	10.14								
QP	21.519M	36.34	60.00	-23.66	20.01	Line	16.33	9.59	0.30	10.12								
AV	21.519M	32.34	50.00	-17.66	20.01	Line	12.33	9.59	0.30	10.12								

Conducted Emissions at Powerline_Mode 1



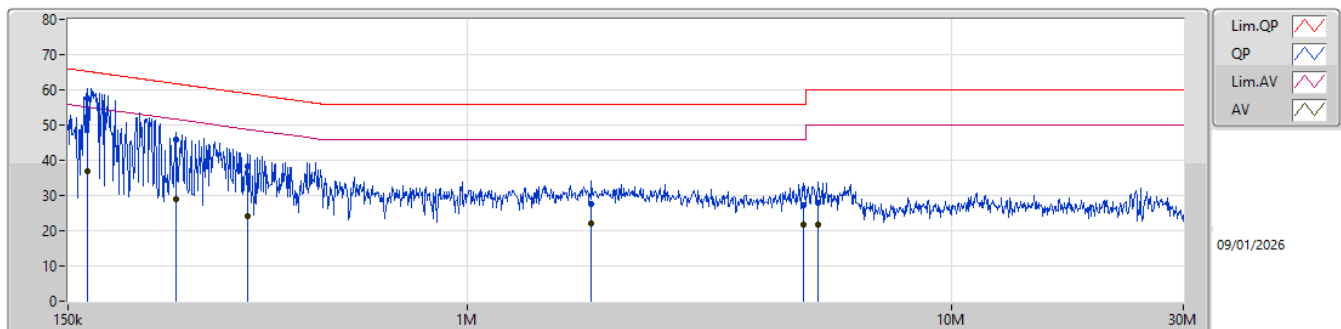
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	152.414k	50.90	65.87	-14.97	19.77	Neutral	31.13	9.64	0.01	10.12								
AV	152.414k	40.79	55.87	-15.08	19.77	Neutral	21.02	9.64	0.01	10.12								
QP	256.1k	44.85	61.56	-16.71	19.77	Neutral	25.08	9.63	0.02	10.12								
AV	256.1k	40.22	51.56	-11.34	19.77	Neutral	20.45	9.63	0.02	10.12								
QP	538.12k	45.30	56.00	-10.70	19.79	Neutral	25.51	9.63	0.04	10.12								
AV	538.12k	37.94	46.00	-8.06	19.79	Neutral	18.15	9.63	0.04	10.12								
QP	2.604M	39.90	56.00	-16.10	19.82	Neutral	20.08	9.65	0.04	10.13								
AV	2.604M	31.22	46.00	-14.78	19.82	Neutral	11.40	9.65	0.04	10.13								
QP	6.655M	32.90	60.00	-27.10	19.98	Neutral	12.92	9.68	0.16	10.14								
AV	6.655M	29.04	50.00	-20.96	19.98	Neutral	9.06	9.68	0.16	10.14								
QP	21.519M	36.14	60.00	-23.86	20.12	Neutral	16.02	9.70	0.30	10.12								
AV	21.519M	32.07	50.00	-17.93	20.12	Neutral	11.95	9.70	0.30	10.12								

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	165.08k	58.17	65.20	-7.03	19.77	Line	38.40	9.64	0.01	10.12
AV	165.08k	38.01	55.20	-17.19	19.77	Line	18.24	9.64	0.01	10.12
QP	255.08k	45.96	61.58	-15.62	19.78	Line	26.18	9.64	0.02	10.12
AV	255.08k	31.56	51.58	-20.02	19.78	Line	11.78	9.64	0.02	10.12
QP	358.13k	36.08	58.77	-22.69	19.78	Line	16.30	9.63	0.03	10.12
AV	358.13k	20.99	48.77	-27.78	19.78	Line	1.21	9.63	0.03	10.12
QP	636.35k	28.21	56.00	-27.79	19.80	Line	8.41	9.64	0.04	10.12
AV	636.35k	20.57	46.00	-25.43	19.80	Line	0.77	9.64	0.04	10.12
QP	4.46M	24.46	56.00	-31.54	19.86	Line	4.60	9.66	0.07	10.13
AV	4.46M	20.02	46.00	-25.98	19.86	Line	0.16	9.66	0.07	10.13
QP	6.05M	27.87	60.00	-32.13	19.94	Line	7.93	9.67	0.14	10.13
AV	6.05M	21.35	50.00	-28.65	19.94	Line	1.41	9.67	0.14	10.13

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	164.43k	57.74	65.24	-7.50	19.77	Neutral	37.97	9.64	0.01	10.12
AV	164.43k	36.93	55.24	-18.31	19.77	Neutral	17.16	9.64	0.01	10.12
QP	250.04k	45.72	61.76	-16.04	19.77	Neutral	25.95	9.63	0.02	10.12
AV	250.04k	29.13	51.76	-22.63	19.77	Neutral	9.36	9.63	0.02	10.12
QP	352.46k	38.25	58.91	-20.66	19.78	Neutral	18.47	9.63	0.03	10.12
AV	352.46k	24.00	48.91	-24.91	19.78	Neutral	4.22	9.63	0.03	10.12
QP	1.8M	27.46	56.00	-28.54	19.81	Neutral	7.65	9.65	0.03	10.13
AV	1.8M	22.22	46.00	-23.78	19.81	Neutral	2.41	9.65	0.03	10.13
QP	4.93M	27.36	56.00	-28.64	19.89	Neutral	7.47	9.67	0.09	10.13
AV	4.93M	21.68	46.00	-24.32	19.89	Neutral	1.79	9.67	0.09	10.13
QP	5.28M	27.93	60.00	-32.07	19.91	Neutral	8.02	9.67	0.11	10.13
AV	5.28M	21.83	50.00	-28.17	19.91	Neutral	1.92	9.67	0.11	10.13

**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	11.478M	11M5G1D	7.315M	10.416M
802.11g_Nss1,(6Mbps)_1TX	16.445M	17.544M	17M5D1D	16.39M	17.434M
802.11be EHT20_Nss1,(MCS0)_1TX	18.975M	19.373M	19M4D1D	18.645M	19.216M

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	11.478M
2437MHz	Pass	500k	7.315M	10.416M
2462MHz	Pass	500k	7.315M	10.639M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.445M	17.493M
2437MHz	Pass	500k	16.39M	17.544M
2462MHz	Pass	500k	16.39M	17.434M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.92M	19.216M
2437MHz	Pass	500k	18.645M	19.307M
2462MHz	Pass	500k	18.975M	19.373M

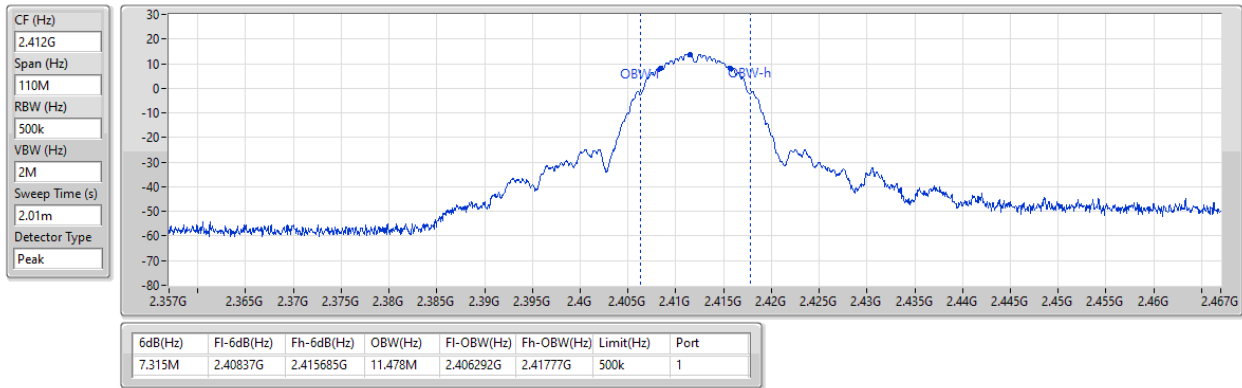
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

06/11/2025

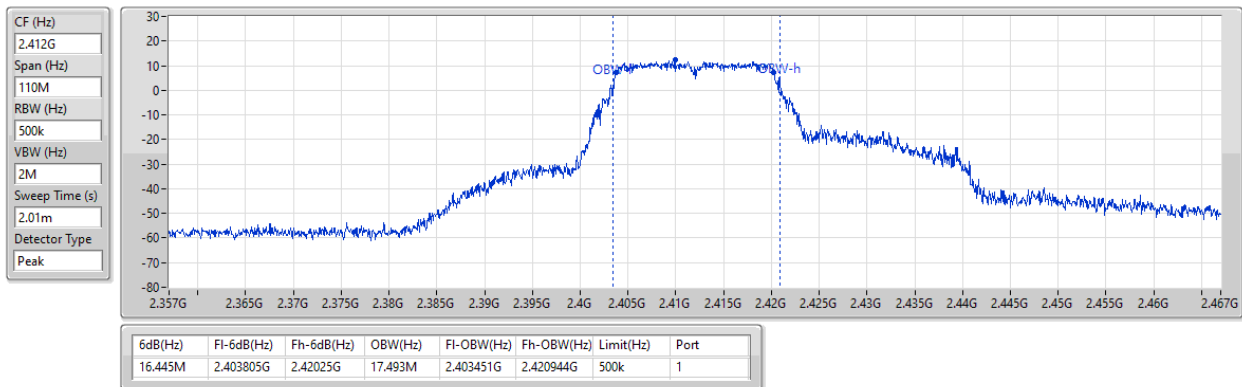


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

06/11/2025



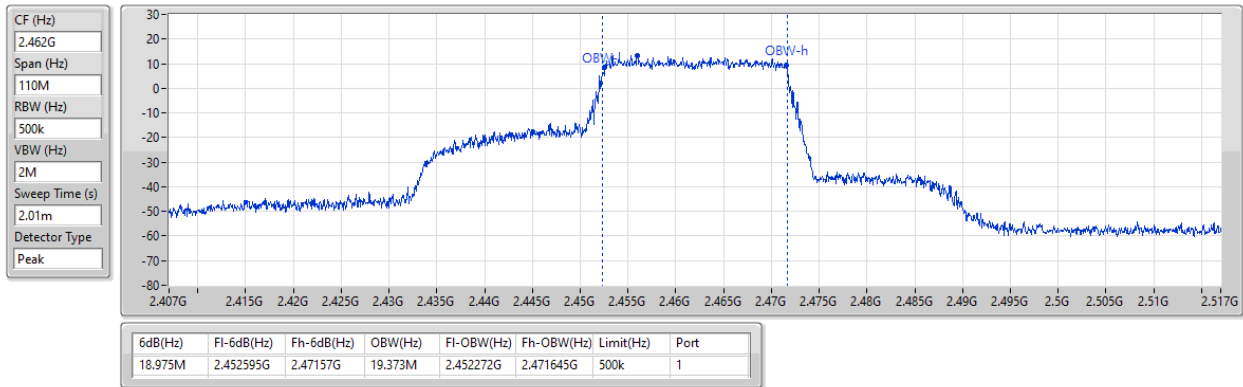


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

2462MHz

06/11/2025



**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	11.449M	11M4G1D	7.315M	10.411M
802.11g_Nss1,(6Mbps)_2TX	16.555M	17.649M	17M6D1D	16.335M	17.272M
802.11be EHT20_Nss1,(MCS0)_2TX	18.975M	19.383M	19M4D1D	18.81M	19.2M

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	11.449M	7.315M	10.79M
2437MHz	Pass	500k	7.315M	10.411M	7.315M	10.604M
2462MHz	Pass	500k	7.315M	10.666M	7.315M	10.434M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.335M	17.44M	16.445M	17.312M
2437MHz	Pass	500k	16.445M	17.649M	16.5M	17.272M
2462MHz	Pass	500k	16.555M	17.373M	16.445M	17.358M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	19.383M	18.92M	19.326M
2437MHz	Pass	500k	18.865M	19.355M	18.92M	19.283M
2462MHz	Pass	500k	18.92M	19.2M	18.81M	19.298M

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

06/11/2025

CF (Hz)
2.412G

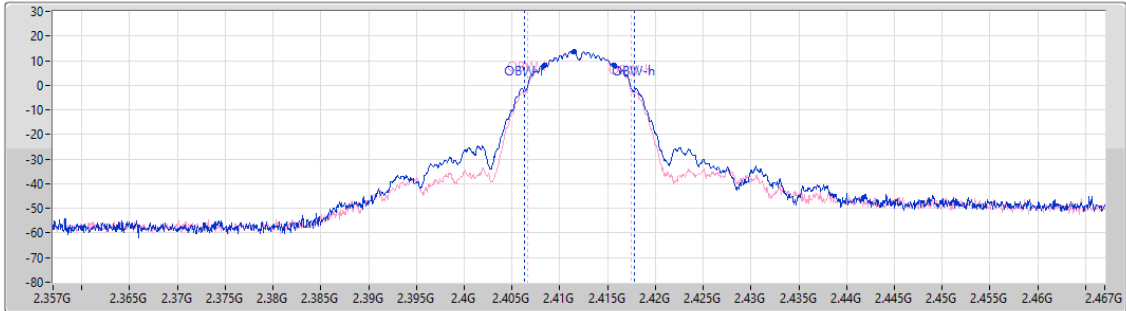
Span (Hz)
110M

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
7.315M	2.40837G	2.415685G	11.449M	2.406306G	2.417755G	500k	1
7.315M	2.40837G	2.415685G	10.79M	2.406645G	2.417435G	500k	2

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

EBW

2462MHz

06/11/2025

CF (Hz)
2.462G

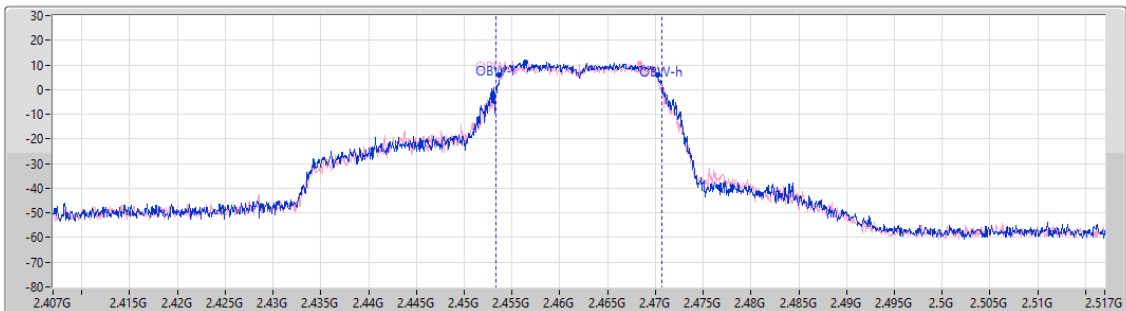
Span (Hz)
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RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



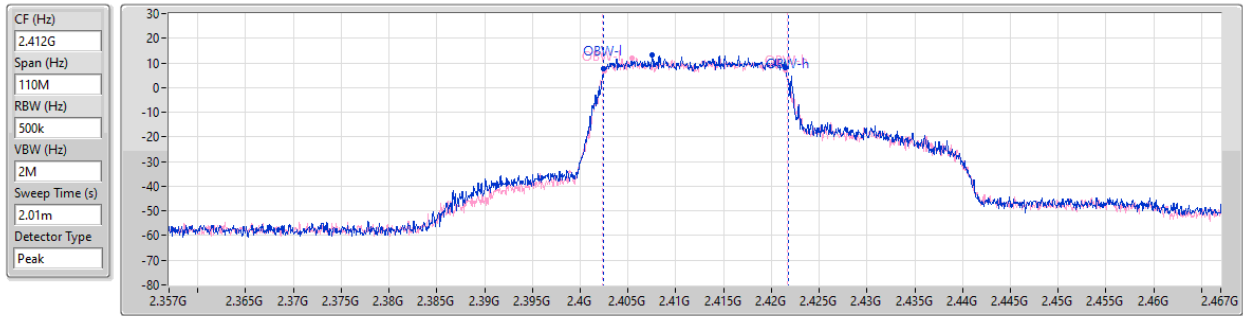
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.555M	2.453695G	2.47025G	17.373M	2.453313G	2.470685G	500k	1
16.445M	2.45375G	2.470195G	17.358M	2.453342G	2.4707G	500k	2

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

EBW

2412MHz

06/11/2025



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.402485G	2.42146G	19.383M	2.402419G	2.421802G	500k	1
18.92M	2.40254G	2.42146G	19.326M	2.402374G	2.421701G	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	19.25M	19.399M	19M4D1D	18.81M	19.211M

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	19.307M	19.25M	19.361M
2437MHz	Pass	500k	18.975M	19.211M	18.975M	19.31M
2462MHz	Pass	500k	18.865M	19.266M	18.81M	19.399M

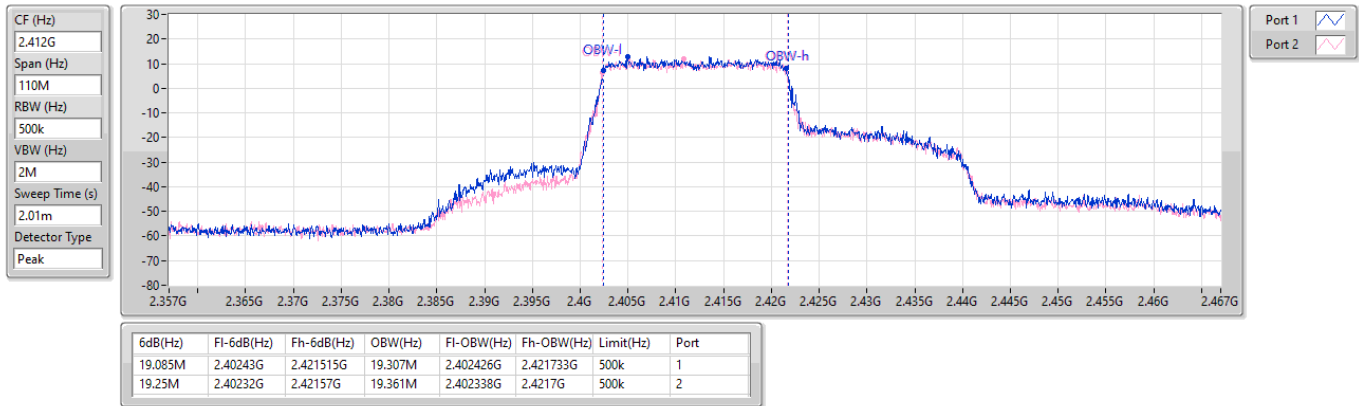
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

06/11/2025



**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	7.315M	11.549M	11M5G1D	7.315M	10.403M
802.11g_Nss1,(6Mbps)_4TX	16.665M	17.589M	17M6D1D	16.17M	17.172M
802.11be EHT20_Nss1,(MCS0)_4TX	19.195M	19.372M	19M4D1D	18.425M	19.213M

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	11.549M	7.315M	10.869M	7.315M	10.722M	7.315M	10.989M
2437MHz	Pass	500k	7.315M	10.419M	7.315M	10.753M	7.315M	11.16M	7.315M	10.569M
2462MHz	Pass	500k	7.315M	10.627M	7.315M	10.415M	7.315M	10.403M	7.315M	10.565M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.665M	17.26M	16.445M	17.589M	16.5M	17.308M	16.5M	17.273M
2437MHz	Pass	500k	16.17M	17.435M	16.335M	17.201M	16.5M	17.221M	16.225M	17.257M
2462MHz	Pass	500k	16.445M	17.301M	16.28M	17.422M	16.665M	17.242M	16.445M	17.172M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.92M	19.308M	18.975M	19.315M	18.755M	19.372M	18.425M	19.213M
2437MHz	Pass	500k	18.92M	19.279M	19.03M	19.235M	18.865M	19.277M	18.865M	19.264M
2462MHz	Pass	500k	18.865M	19.29M	18.975M	19.349M	18.81M	19.298M	19.195M	19.28M

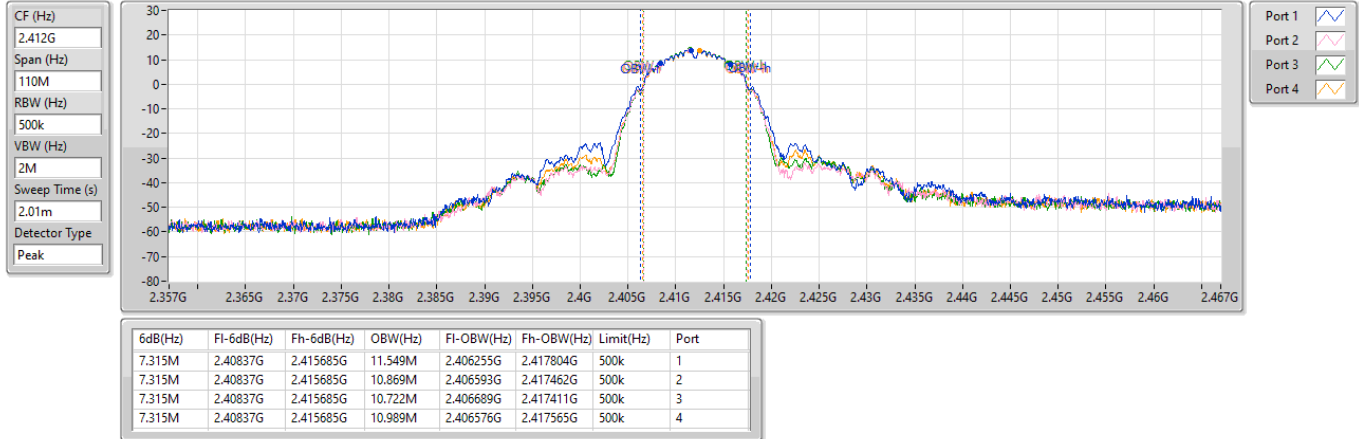
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

06/11/2025

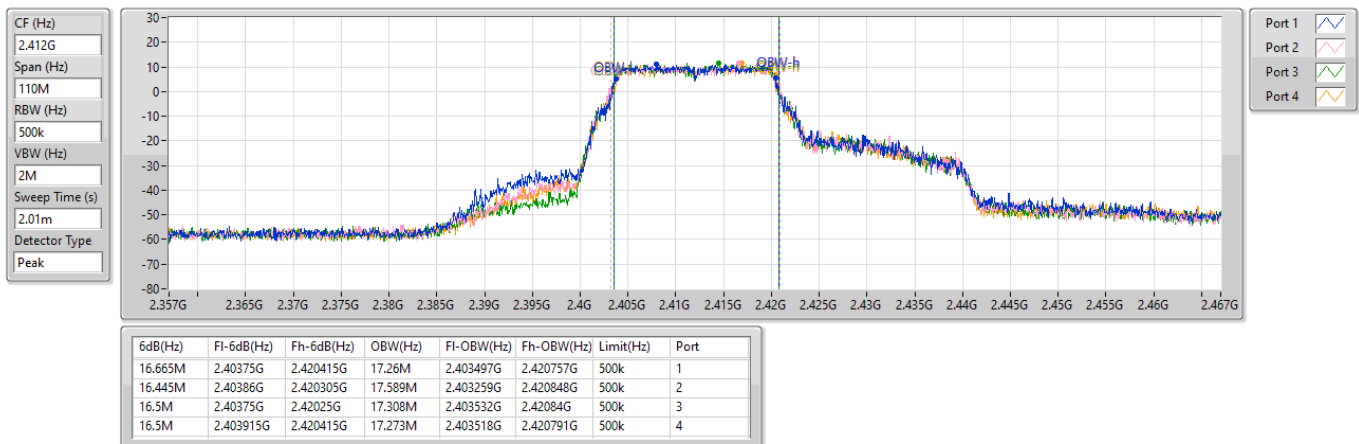


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

06/11/2025

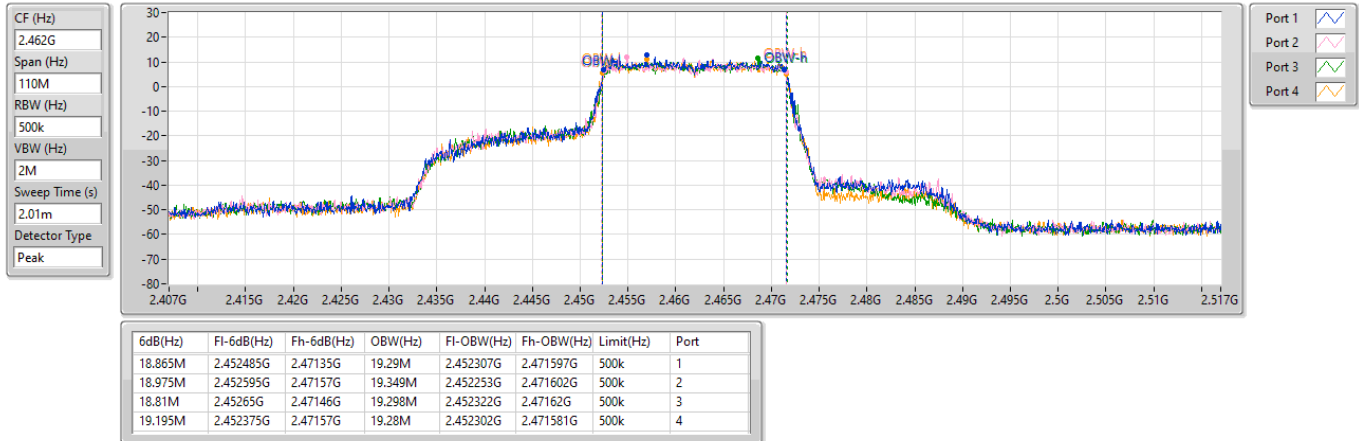


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

06/11/2025



**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	19.14M	19.424M	19M4D1D	18.26M	19.21M

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	19.14M	19.255M	18.865M	19.258M	19.03M	19.237M	19.14M	19.378M
2437MHz	Pass	500k	18.81M	19.26M	18.26M	19.21M	18.865M	19.424M	19.03M	19.353M
2462MHz	Pass	500k	18.975M	19.401M	19.085M	19.306M	19.03M	19.318M	18.865M	19.259M

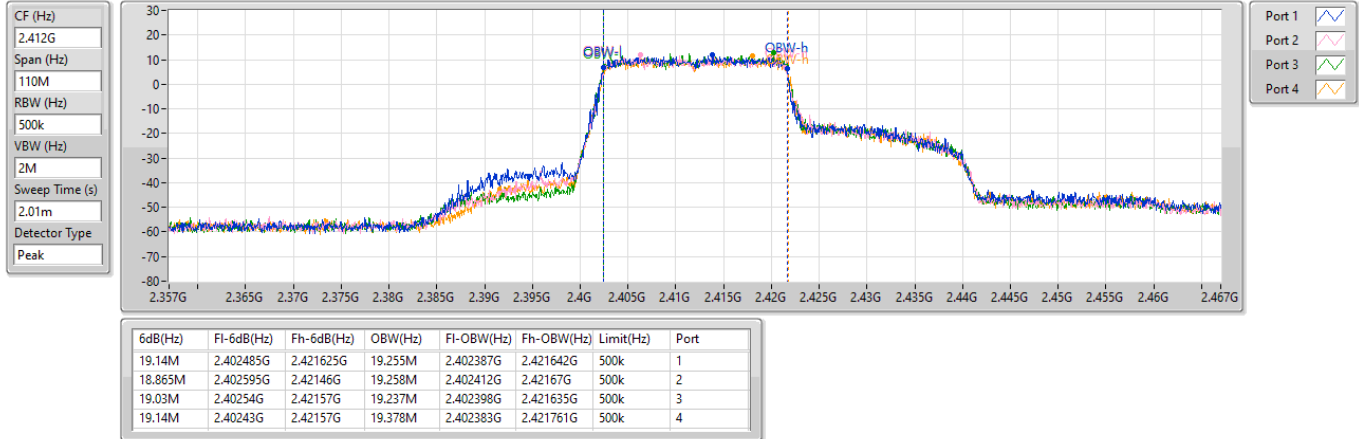
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

06/11/2025



**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	11.534M	11M5G1D	7.315M	10.589M
802.11g_Nss1,(6Mbps)_2TX	16.665M	17.378M	17M4D1D	16.335M	17.177M
802.11be EHT20_Nss1,(MCS0)_2TX	18.975M	19.393M	19M4D1D	18.15M	19.198M

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	11.188M	7.315M	11.228M
2437MHz	Pass	500k	7.315M	10.589M	7.315M	10.604M
2462MHz	Pass	500k	7.315M	11.177M	7.315M	11.534M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.445M	17.293M	16.5M	17.177M
2437MHz	Pass	500k	16.39M	17.36M	16.335M	17.221M
2462MHz	Pass	500k	16.665M	17.378M	16.665M	17.238M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	19.393M	18.865M	19.302M
2437MHz	Pass	500k	18.865M	19.303M	18.15M	19.198M
2462MHz	Pass	500k	18.865M	19.243M	18.81M	19.331M

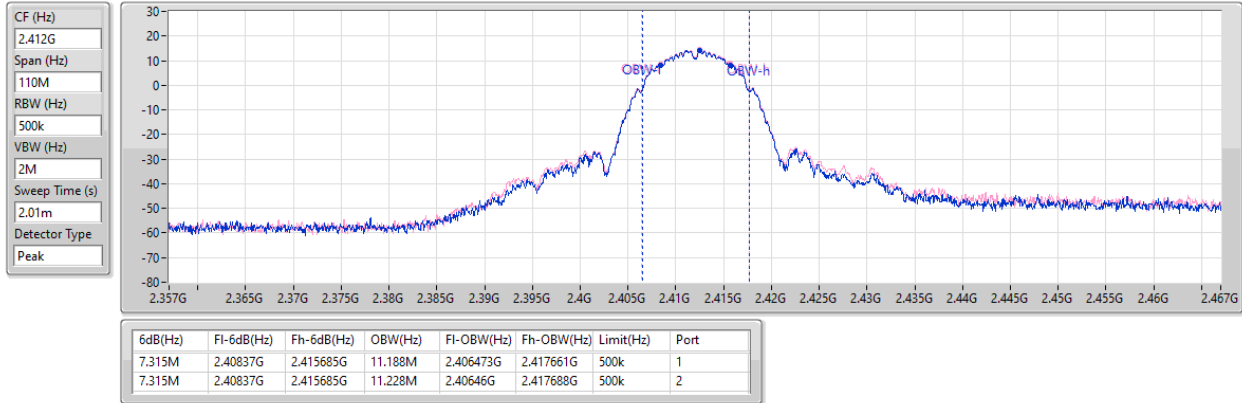
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

07/11/2025

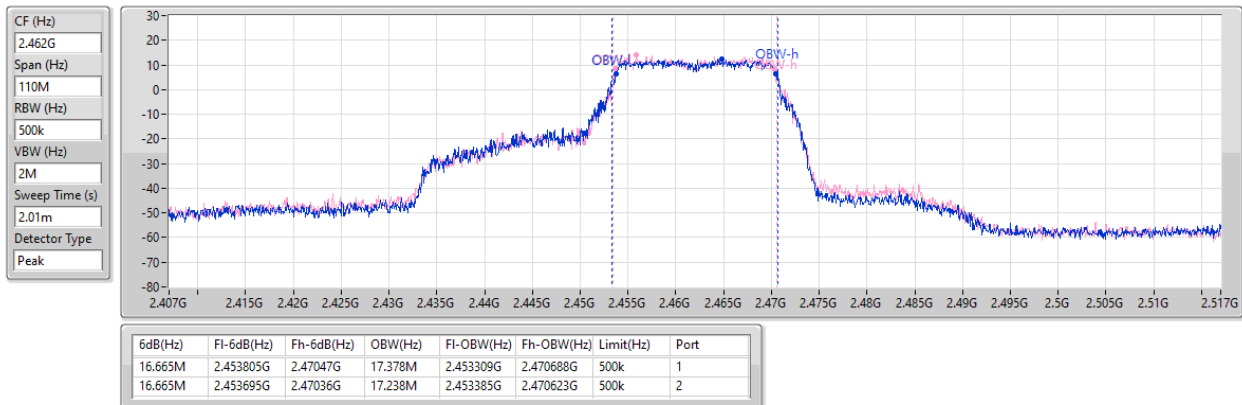


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

07/11/2025

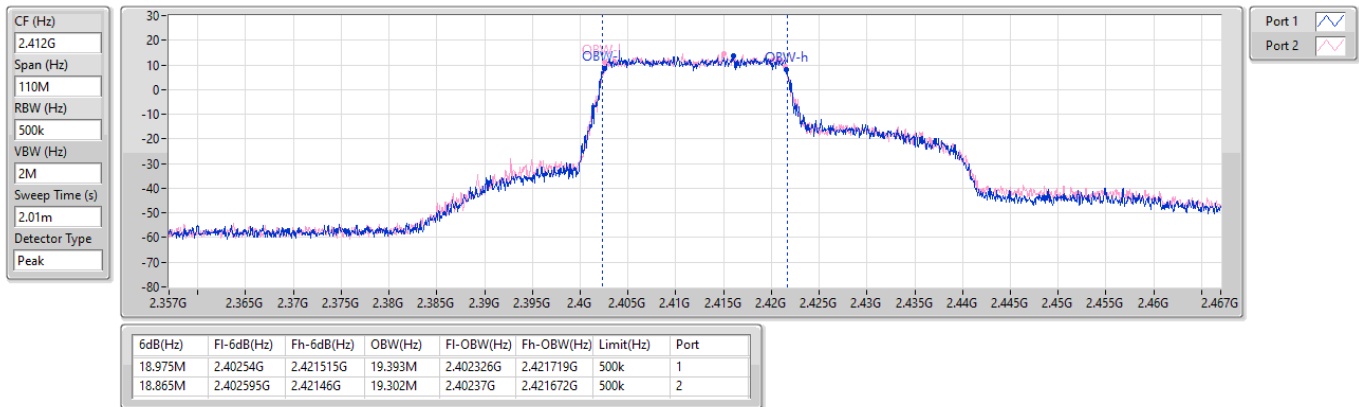


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

07/11/2025



**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	19.14M	19.317M	19M3D1D	18.81M	19.234M

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	19.03M	19.262M	18.92M	19.234M
2437MHz	Pass	500k	18.865M	19.245M	18.81M	19.317M
2462MHz	Pass	500k	18.975M	19.316M	19.14M	19.291M

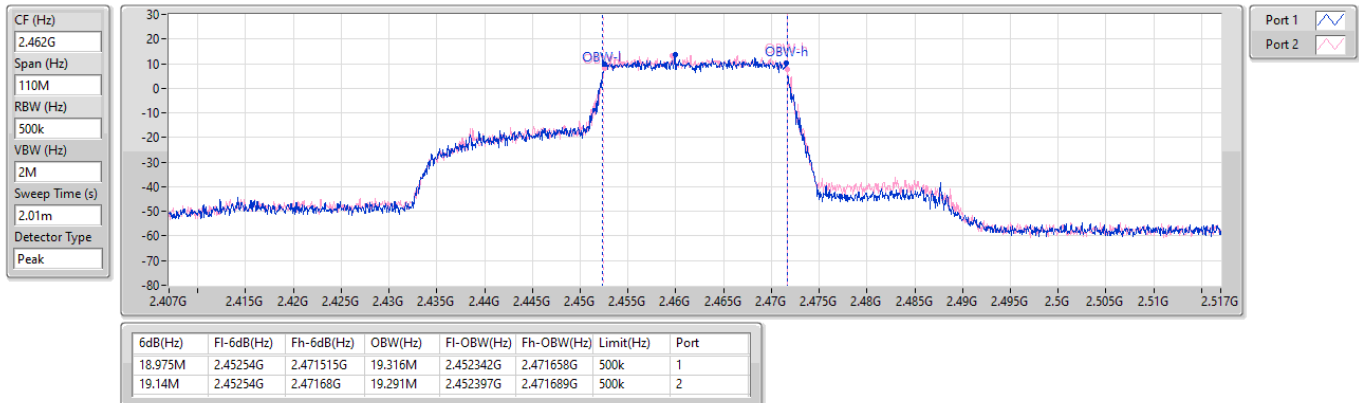
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

07/11/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.37	0.13709
802.11g_Nss1,(6Mbps)_1TX	20.66	0.11641
802.11be EHT20_Nss1,(MCS0)_1TX	21.39	0.13772

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.15	20.85	20.85	30.00
2437MHz	Pass	2.15	21.37	21.37	30.00
2462MHz	Pass	2.15	20.88	20.88	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.15	19.37	19.37	30.00
2417MHz	Pass	2.15	20.56	20.56	30.00
2437MHz	Pass	2.15	20.66	20.66	30.00
2457MHz	Pass	2.15	20.59	20.59	30.00
2462MHz	Pass	2.15	20.17	20.17	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.15	19.00	19.00	30.00
2417MHz	Pass	2.15	20.34	20.34	30.00
2437MHz	Pass	2.15	21.39	21.39	30.00
2457MHz	Pass	2.15	19.10	19.10	30.00
2462MHz	Pass	2.15	18.81	18.81	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	-	-
802.11b_Nss1,(1Mbps)_2TX	24.14	0.25942
802.11g_Nss1,(6Mbps)_2TX	23.83	0.24155
802.11be EHT20_Nss1,(MCS0)_2TX	22.89	0.19454

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.45	20.78	20.50	23.65	30.00
2437MHz	Pass	3.45	21.37	20.87	24.14	30.00
2462MHz	Pass	3.45	20.70	20.17	23.45	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.45	19.45	19.04	22.26	30.00
2417MHz	Pass	3.45	20.53	19.80	23.19	30.00
2437MHz	Pass	3.45	21.15	20.46	23.83	30.00
2457MHz	Pass	3.45	20.58	19.65	23.15	30.00
2462MHz	Pass	3.45	18.38	17.60	21.02	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.45	18.38	17.90	21.16	30.00
2417MHz	Pass	3.45	20.18	19.55	22.89	30.00
2437MHz	Pass	3.45	19.91	19.28	22.62	30.00
2457MHz	Pass	3.45	19.88	19.07	22.50	30.00
2462MHz	Pass	3.45	17.39	16.62	20.03	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	23.48	0.22284

**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	3.45	18.98	18.66	21.83	30.00
2417MHz	Pass	3.45	20.80	20.11	23.48	30.00
2437MHz	Pass	3.45	20.10	19.42	22.78	30.00
2457MHz	Pass	3.45	19.70	19.15	22.44	30.00
2462MHz	Pass	3.45	18.04	17.40	20.74	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	-	-
802.11b_Nss1,(1Mbps)_4TX	27.13	0.51642
802.11g_Nss1,(6Mbps)_4TX	25.01	0.31696
802.11be EHT20_Nss1,(MCS0)_4TX	25.11	0.32434



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	3.45	20.89	20.85	21.04	20.75	26.90	30.00
2437MHz	Pass	3.45	21.37	21.15	21.07	20.84	27.13	30.00
2457MHz	Pass	3.45	21.09	20.59	20.73	20.67	26.79	30.00
2462MHz	Pass	3.45	20.81	20.40	20.32	20.42	26.51	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.45	17.90	17.31	17.71	17.52	23.64	30.00
2417MHz	Pass	3.45	19.32	18.77	19.08	18.76	25.01	30.00
2437MHz	Pass	3.45	18.92	18.45	18.71	18.56	24.68	30.00
2457MHz	Pass	3.45	19.07	18.44	18.47	18.30	24.60	30.00
2462MHz	Pass	3.45	17.43	16.68	16.96	16.70	22.97	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.45	17.81	17.50	18.08	17.48	23.75	30.00
2437MHz	Pass	3.45	19.30	18.92	19.30	18.80	25.11	30.00
2457MHz	Pass	3.45	19.34	18.69	18.93	18.67	24.94	30.00
2462MHz	Pass	3.45	17.64	17.07	17.32	17.03	23.29	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_Nss4,(MCS0)_4TX	26.38	0.43451

**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	3.45	18.35	18.23	18.56	18.31	24.38	30.00
2417MHz	Pass	3.45	20.75	20.12	20.59	19.93	26.38	30.00
2437MHz	Pass	3.45	20.59	20.12	20.47	20.20	26.37	30.00
2457MHz	Pass	3.45	19.20	18.30	19.00	18.49	24.78	30.00
2462MHz	Pass	3.45	17.46	16.81	17.34	16.86	23.15	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_AP5022**

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.51	0.35563
802.11g_Nss1,(6Mbps)_2TX	23.23	0.21038
802.11be EHT20_Nss1,(MCS0)_2TX	22.85	0.19275



**Average Power_Non-Beamforming_
Scan Radio_2T1S_AP5022**

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	3.10	21.24	21.16	24.21	30.00
2437MHz	Pass	3.10	21.25	21.51	24.39	30.00
2462MHz	Pass	3.10	22.19	22.78	25.51	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.10	19.13	19.60	22.38	30.00
2437MHz	Pass	3.10	20.04	20.40	23.23	30.00
2462MHz	Pass	3.10	18.94	19.38	22.18	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.10	19.66	20.02	22.85	30.00
2437MHz	Pass	3.10	19.33	19.64	22.50	30.00
2462MHz	Pass	3.10	17.86	18.21	21.05	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_2T2S_AP5022**

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.88	0.24434



**Average Power_Non-Beamforming_
Scan Radio_2T2S_AP5022**

Appendix C.7

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	3.10	19.56	19.95	22.77	30.00
2437MHz	Pass	3.10	20.66	21.07	23.88	30.00
2457MHz	Pass	3.10	19.58	19.89	22.75	30.00
2462MHz	Pass	3.10	18.24	18.69	21.48	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-BF_Nss1,(MCS0)_4TX	25.11	0.32434

**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	6.82	17.81	17.50	18.08	17.48	23.75	29.18
2437MHz	Pass	6.82	19.30	18.92	19.30	18.80	25.11	29.18
2457MHz	Pass	6.82	19.34	18.69	18.93	18.67	24.94	29.18
2462MHz	Pass	6.82	17.64	17.07	17.32	17.03	23.29	29.18

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	-1.65
802.11g_Nss1,(6Mbps)_1TX	-6.26
802.11be EHT20_Nss1,(MCS0)_1TX	-5.89

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	2.15	-2.80	-2.80	8.00
2437MHz	Pass	2.15	-1.80	-1.80	8.00
2462MHz	Pass	2.15	-1.65	-1.65	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.15	-8.38	-8.38	8.00
2437MHz	Pass	2.15	-6.26	-6.26	8.00
2462MHz	Pass	2.15	-6.59	-6.59	8.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.15	-8.03	-8.03	8.00
2437MHz	Pass	2.15	-5.89	-5.89	8.00
2462MHz	Pass	2.15	-8.71	-8.71	8.00

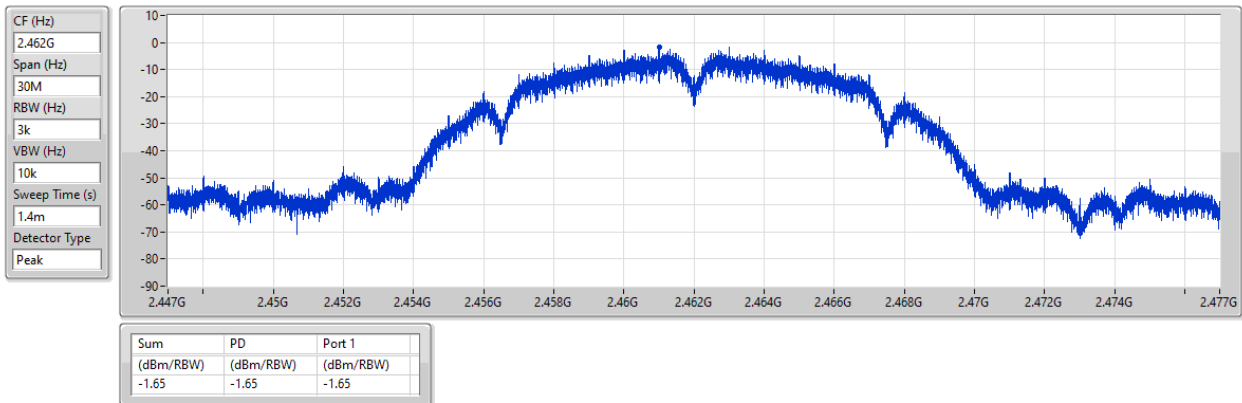
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2462MHz

06/11/2025

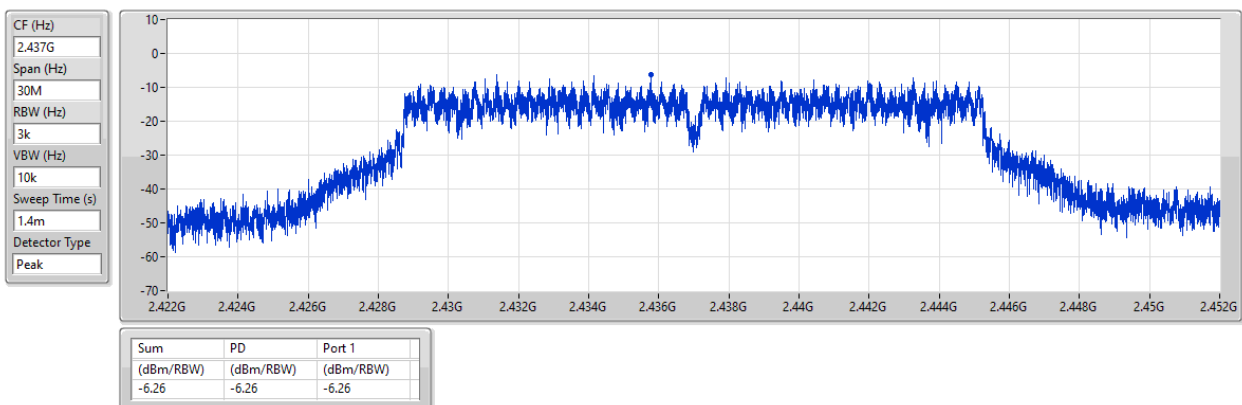


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

06/11/2025



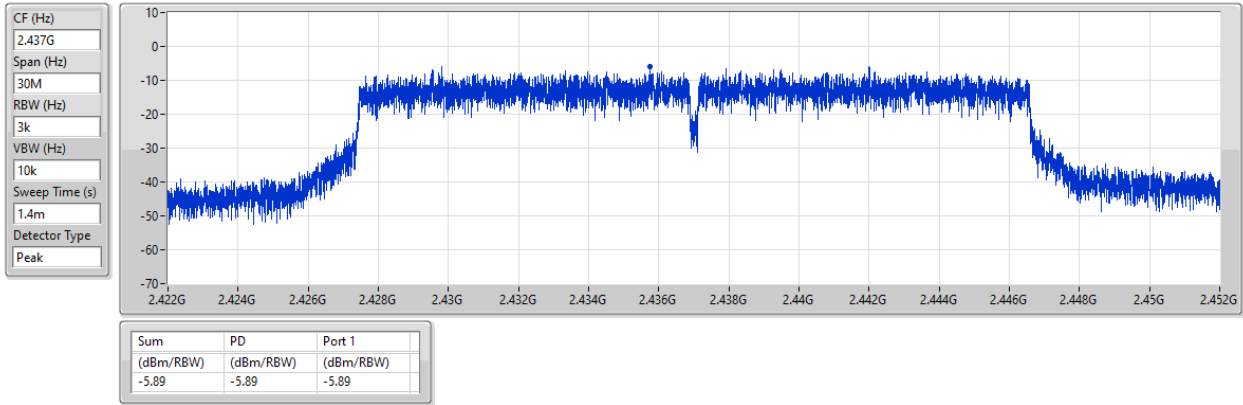


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

06/11/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.70
802.11g_Nss1,(6Mbps)_2TX	-5.15
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	5.29	-3.47	-3.08	-1.83	8.00
2437MHz	Pass	5.29	-2.05	-2.36	-0.72	8.00
2462MHz	Pass	5.29	-2.10	-2.88	-0.70	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.29	-7.94	-7.82	-6.12	8.00
2437MHz	Pass	5.29	-7.04	-7.50	-5.15	8.00
2462MHz	Pass	5.29	-9.79	-10.63	-8.09	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.29	-8.74	-8.33	-6.34	8.00
2437MHz	Pass	5.29	-7.46	-8.65	-5.47	8.00
2462MHz	Pass	5.29	-10.39	-11.24	-9.10	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

2462MHz

06/11/2025

CF (Hz)
2.462G

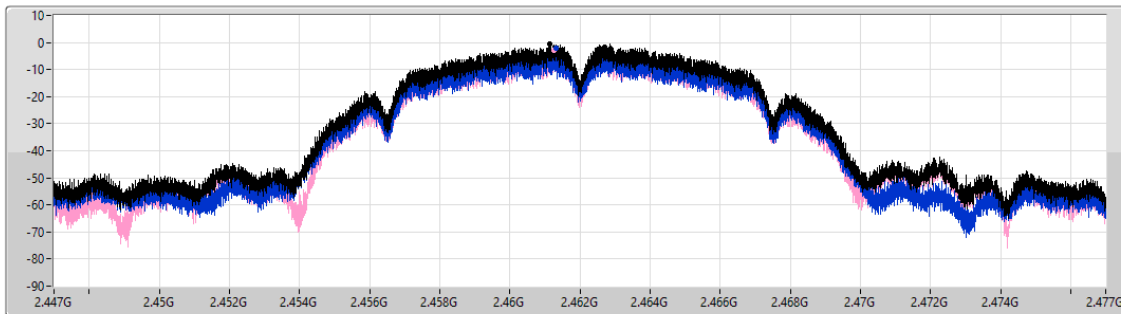
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.70	-0.70	-2.10	-2.88

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

PSD

2437MHz

06/11/2025

CF (Hz)
2.437G

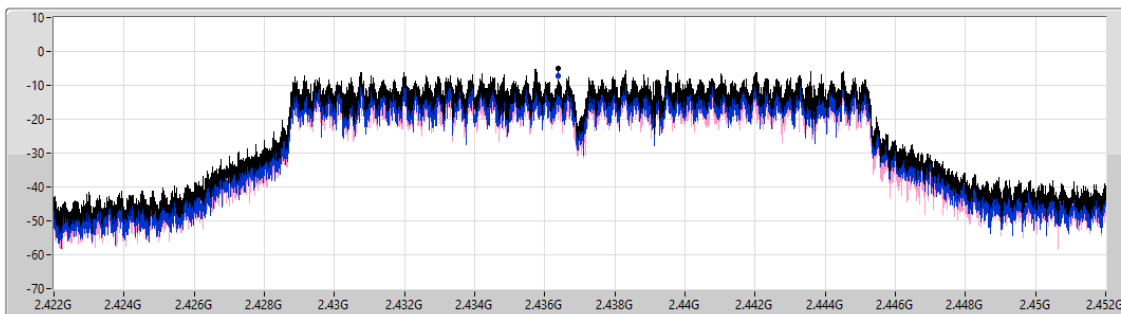
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☐

Port 2 ☐

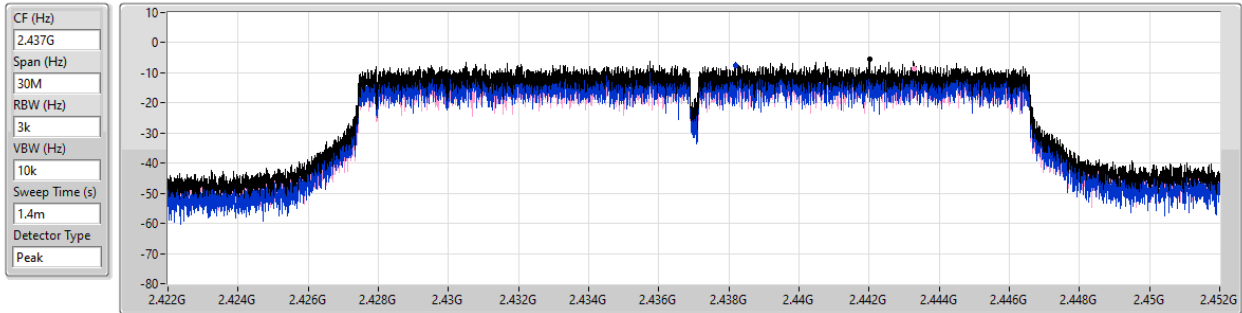
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.15	-5.15	-7.04	-7.50

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

PSD

2437MHz

06/11/2025



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.47	-5.47	-7.46	-8.65



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-5.40

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	3.45	-8.19	-8.35	-5.72	8.00
2437MHz	Pass	3.45	-6.96	-7.39	-5.40	8.00
2462MHz	Pass	3.45	-8.97	-10.07	-7.35	8.00

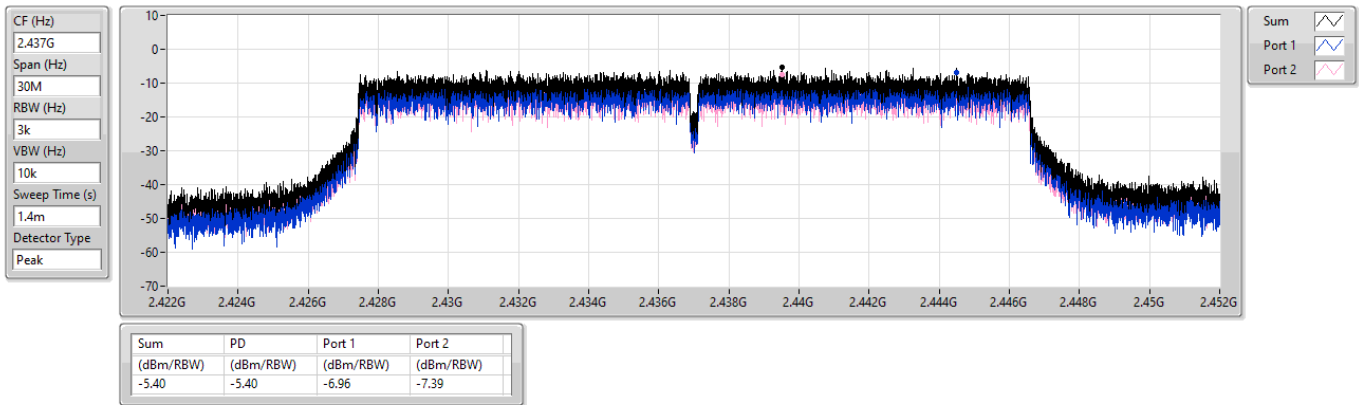
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

06/11/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	2.73
802.11g_Nss1,(6Mbps)_4TX	-3.72
802.11be EHT20_Nss1,(MCS0)_4TX	-4.42

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	6.82	-1.88	-2.55	-1.30	-2.44	2.73	7.18
2437MHz	Pass	6.82	-2.95	-1.14	-2.70	-2.73	2.41	7.18
2462MHz	Pass	6.82	-3.02	-3.01	-3.42	-3.46	2.04	7.18
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.82	-9.15	-9.02	-8.53	-10.89	-5.12	7.18
2437MHz	Pass	6.82	-7.21	-8.14	-9.03	-7.85	-3.72	7.18
2462MHz	Pass	6.82	-10.10	-9.48	-9.96	-10.56	-5.02	7.18
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.82	-9.97	-10.36	-8.58	-10.28	-5.11	7.18
2437MHz	Pass	6.82	-9.37	-8.76	-8.09	-8.26	-4.42	7.18
2462MHz	Pass	6.82	-9.98	-11.09	-10.29	-11.10	-5.88	7.18

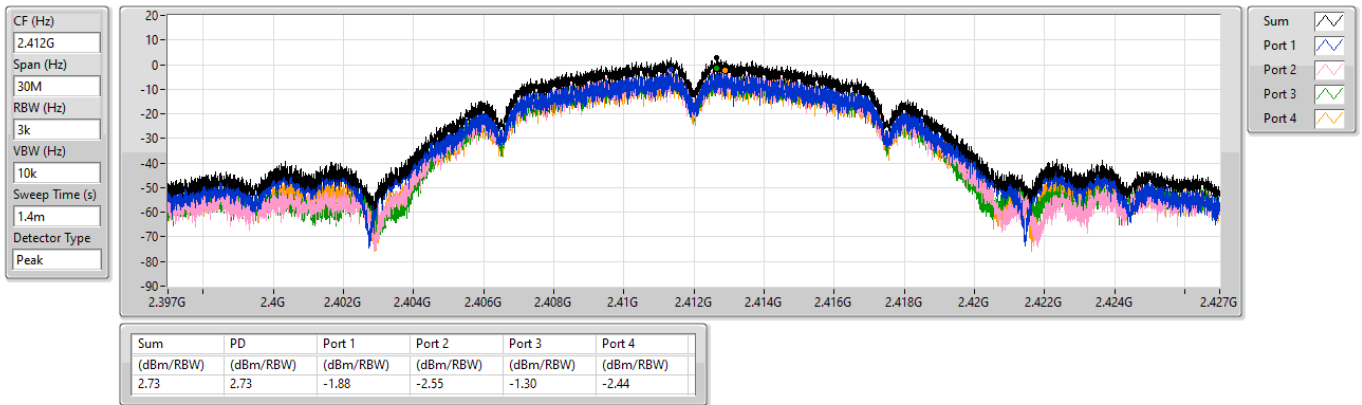
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

06/11/2025

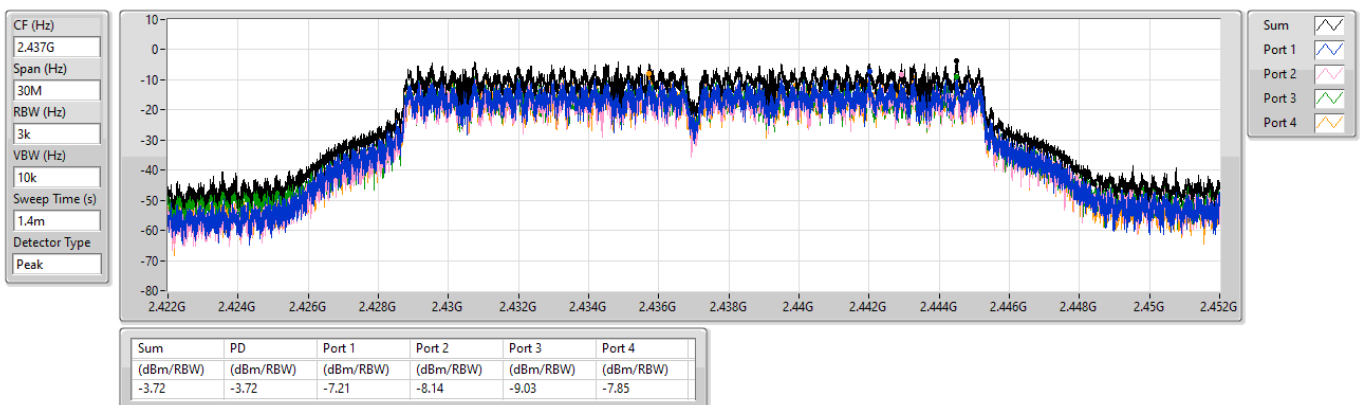


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

06/11/2025

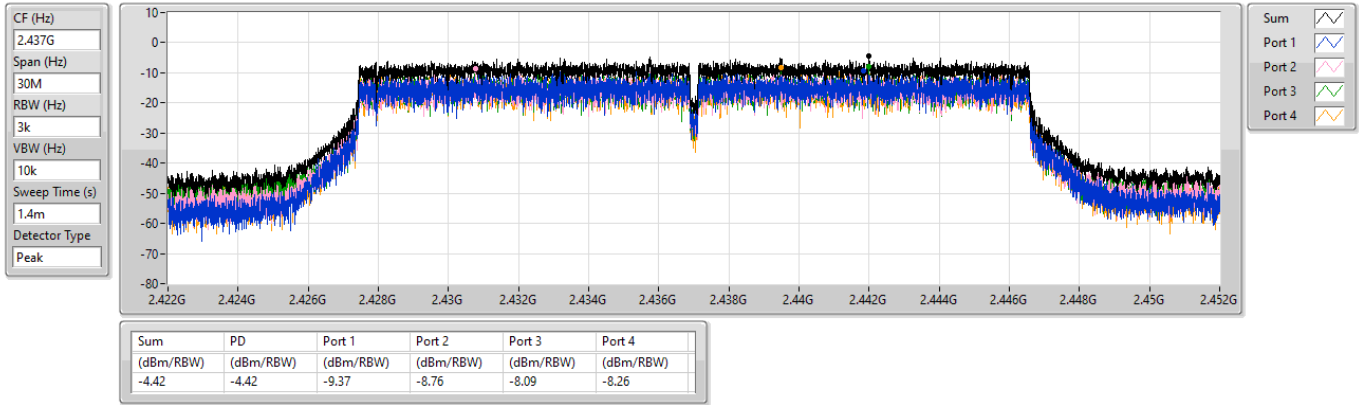


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

06/11/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss4,(MCS0)_4TX	-2.76

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	3.45	-9.38	-9.50	-7.73	-8.37	-3.96	8.00
2437MHz	Pass	3.45	-7.78	-7.48	-7.18	-7.01	-2.76	8.00
2462MHz	Pass	3.45	-10.77	-11.67	-10.47	-10.31	-5.91	8.00

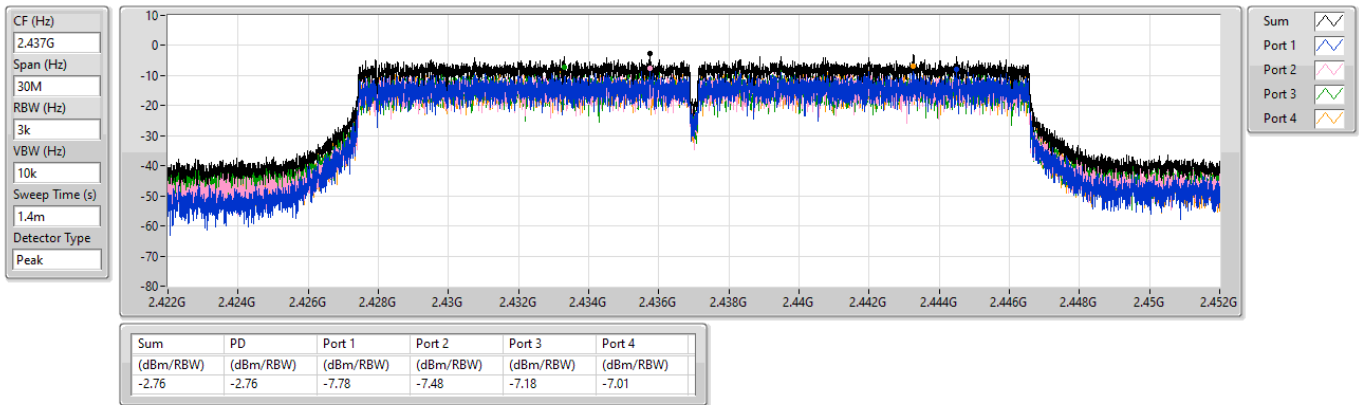
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

06/11/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.56
802.11g_Nss1,(6Mbps)_2TX	-5.03
802.11be EHT20_Nss1,(MCS0)_2TX	-4.38

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	3.95	-1.67	-1.15	0.56	8.00
2437MHz	Pass	3.95	-1.95	-1.76	0.16	8.00
2462MHz	Pass	3.95	0.32	0.11	1.56	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.95	-8.26	-6.49	-5.48	8.00
2437MHz	Pass	3.95	-7.09	-6.07	-5.03	8.00
2462MHz	Pass	3.95	-7.98	-7.02	-5.86	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.95	-6.19	-7.41	-4.38	8.00
2437MHz	Pass	3.95	-8.81	-7.09	-6.10	8.00
2462MHz	Pass	3.95	-8.26	-8.42	-6.85	8.00

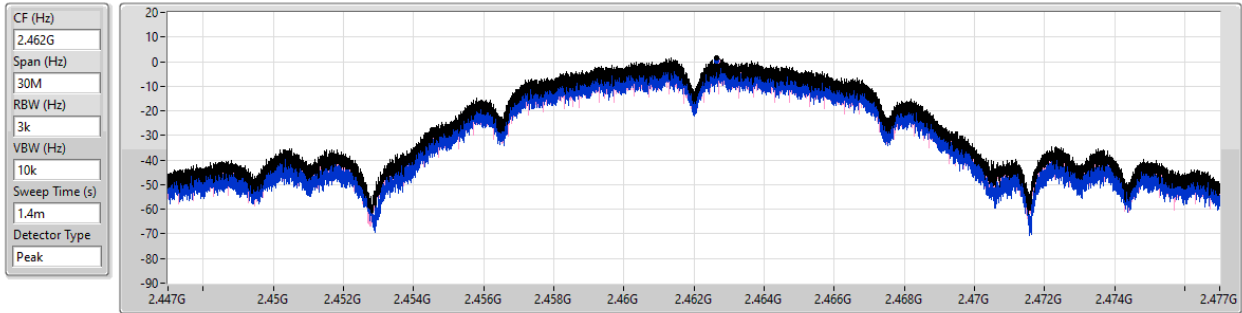
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2462MHz

07/11/2025



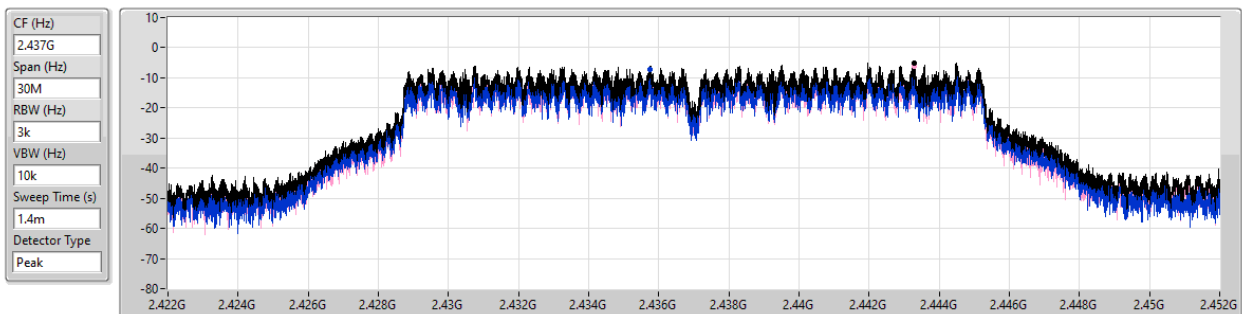
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.56	1.56	0.32	0.11

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

PSD

2437MHz

07/11/2025



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.03	-5.03	-7.09	-6.07

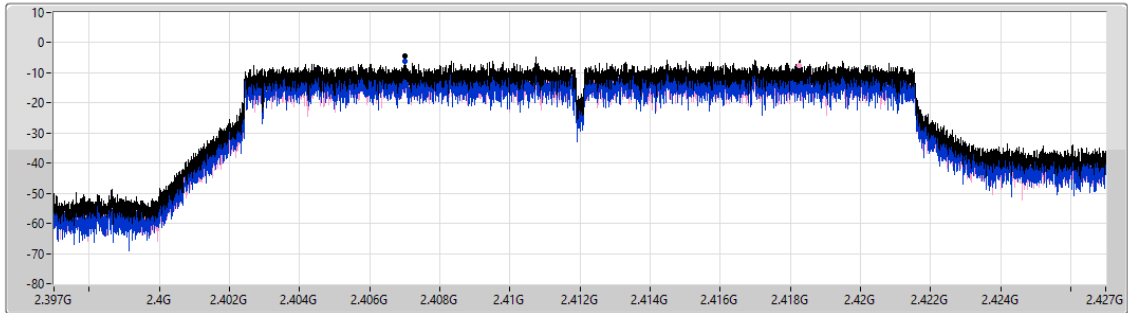
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

07/11/2025

CF (Hz)
2.412G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
1.4m
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.38	-4.38	-6.19	-7.41



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-3.25

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	3.10	-7.20	-5.12	-4.03	8.00
2437MHz	Pass	3.10	-6.47	-5.07	-3.25	8.00
2462MHz	Pass	3.10	-8.31	-6.59	-5.57	8.00

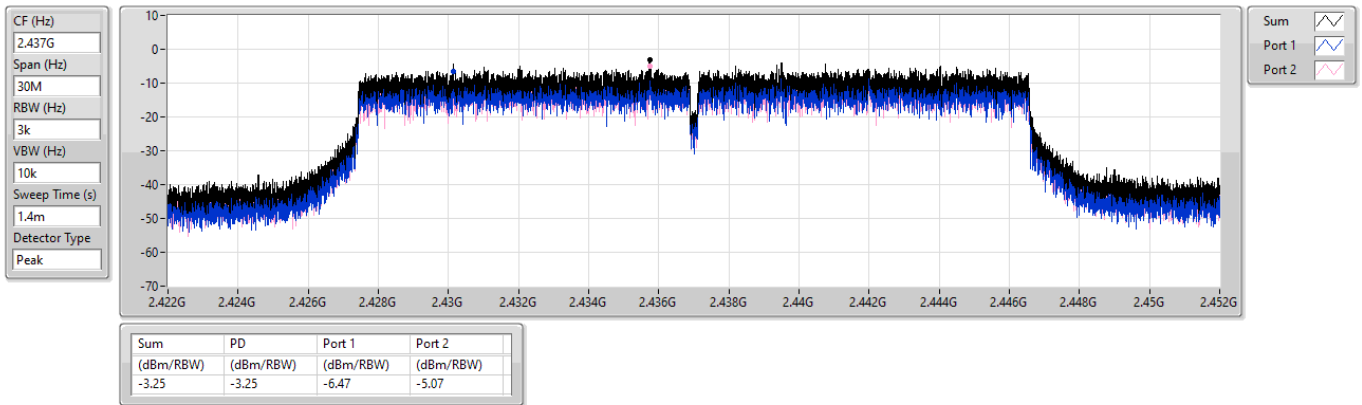
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

07/11/2025



**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	2.43758G	13.55	-16.45	2.14914G	-55.64	2.4G	-29.01	2.4G	-26.57	2.50166G	-52.33	21.96286G	-44.81	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43958G	10.44	-19.56	1.98604G	-55.37	2.4G	-33.84	2.4G	-33.59	2.50038G	-52.01	21.55267G	-44.69	1
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.43958G	10.33	-19.67	2.30059G	-55.66	2.39832G	-35.27	2.4G	-34.69	2.50574G	-52.27	21.58919G	-44.91	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	2.43758G	13.55	-16.45	2.14914G	-55.64	2.4G	-29.01	2.4G	-26.57	2.50166G	-52.33	21.96286G	-44.81	1
2437MHz	Pass	2.43758G	13.55	-16.45	1.79731G	-55.92	2.39968G	-50.02	2.4G	-51.62	2.51494G	-52.54	21.42062G	-43.80	1
2462MHz	Pass	2.43758G	13.55	-16.45	2.19224G	-55.36	2.3992G	-51.12	2.4G	-52.64	2.50758G	-52.99	21.54986G	-44.22	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	10.44	-19.56	1.98604G	-55.37	2.4G	-33.84	2.4G	-33.59	2.50038G	-52.01	21.55267G	-44.69	1
2437MHz	Pass	2.43958G	10.44	-19.56	1.64469G	-55.53	2.39896G	-41.12	2.4G	-43.07	2.50678G	-52.63	21.592G	-45.06	1
2462MHz	Pass	2.43958G	10.44	-19.56	2.13283G	-54.88	2.39832G	-51.70	2.4G	-52.88	2.5123G	-52.65	21.99096G	-44.82	1
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	10.33	-19.67	2.30059G	-55.66	2.39832G	-35.27	2.4G	-34.69	2.50574G	-52.27	21.58919G	-44.91	1
2437MHz	Pass	2.43958G	10.33	-19.67	2.30991G	-55.54	2.39976G	-39.90	2.4G	-39.73	2.52246G	-53.11	21.90667G	-45.43	1
2462MHz	Pass	2.43958G	10.33	-19.67	2.16195G	-55.04	2.39464G	-51.21	2.4G	-53.61	2.50086G	-52.35	21.54986G	-44.25	1

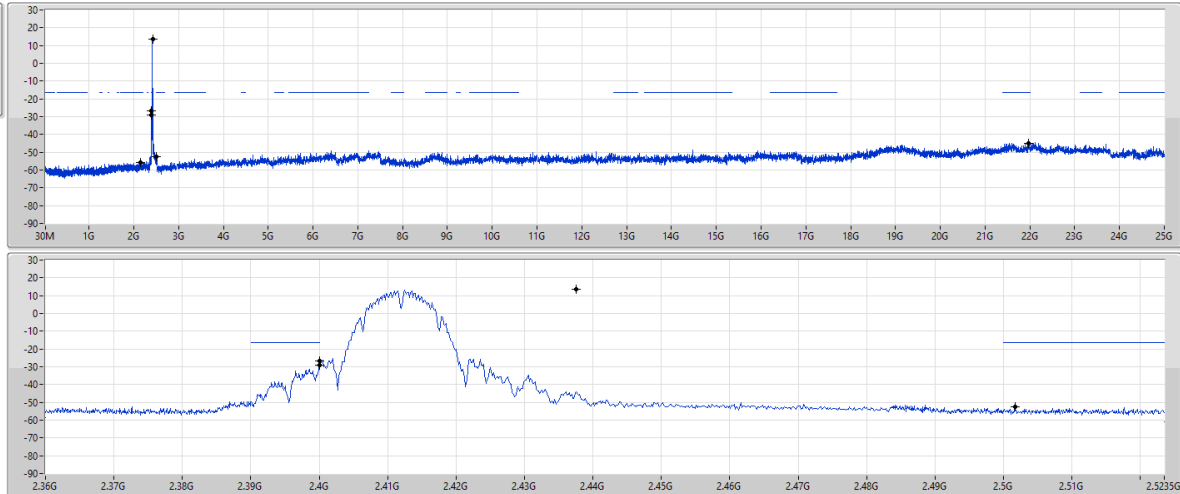
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

07/11/2025

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



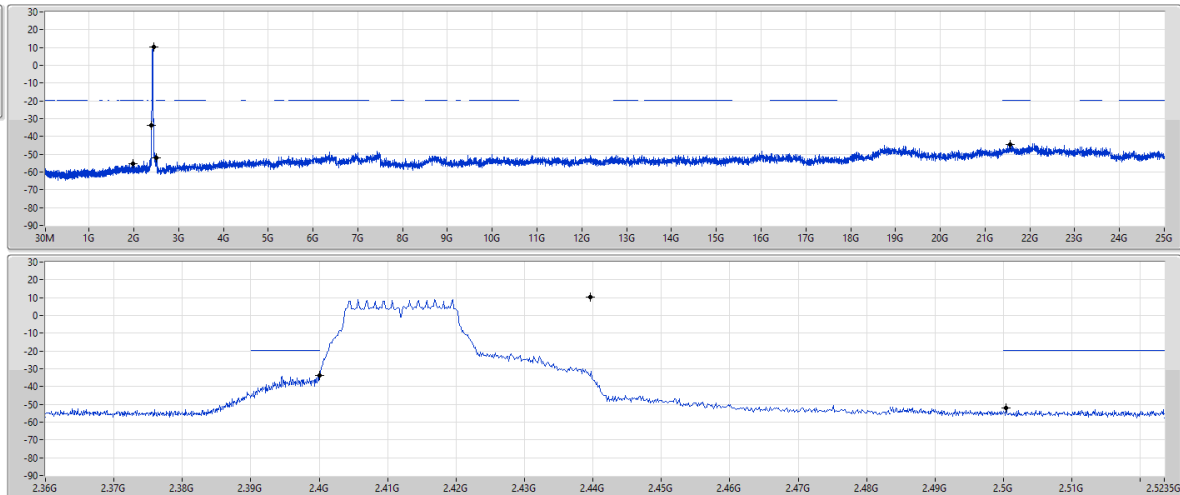
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

07/11/2025

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



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

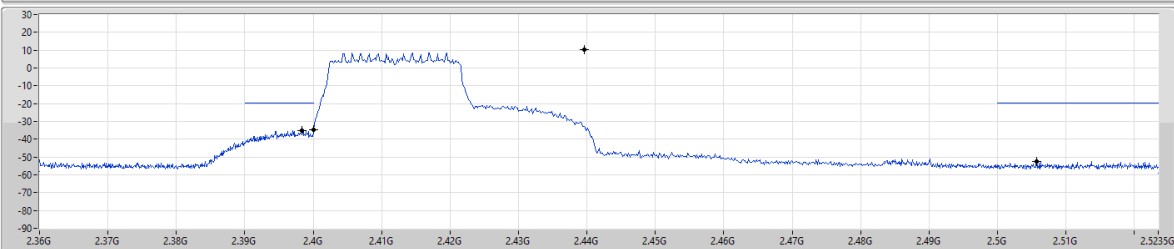
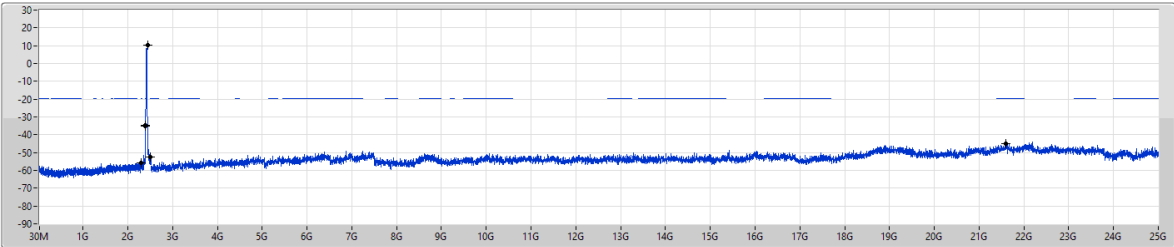
CSEndB

2412MHz

07/11/2025

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

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
2.43958G	10.33	-19.67	2.30059G	-55.66	2.39832G	-35.27	2.4G	-34.69	2.50574G	-52.27	21.58919G	-44.91	1

**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	2.43607G	13.43	-16.57	1.77634G	-55.29	2.4G	-28.73	2.4G	-28.57	2.50998G	-52.94	21.98534G	-44.29	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43958G	10.41	-19.59	2.18991G	-55.66	2.39456G	-33.27	2.4G	-30.47	2.5119G	-52.18	21.56391G	-44.56	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44208G	8.66	-21.34	1.83575G	-55.11	2.39704G	-36.80	2.4G	-34.56	2.5211G	-51.98	21.60324G	-43.70	1

Result

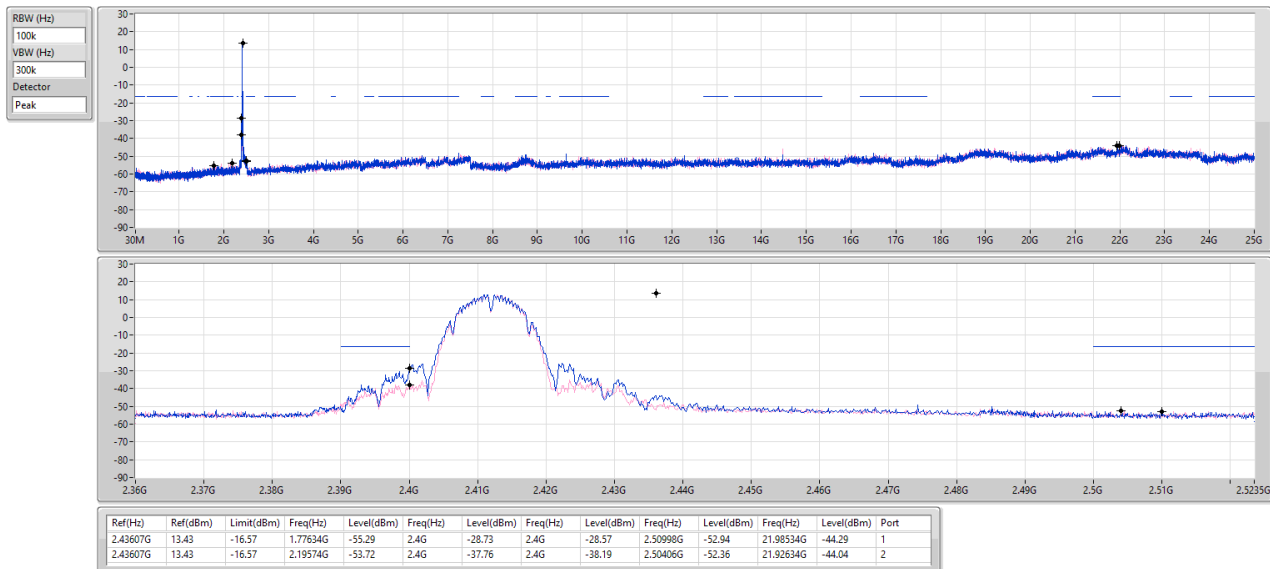
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	13.43	-16.57	1.77634G	-55.29	2.4G	-28.73	2.4G	-28.57	2.50998G	-52.94	21.98534G	-44.29	1
2412MHz	Pass	2.43607G	13.43	-16.57	2.19574G	-53.72	2.4G	-37.76	2.4G	-38.19	2.50406G	-52.36	21.92634G	-44.04	2
2437MHz	Pass	2.43607G	13.43	-16.57	2.30874G	-55.17	2.39208G	-50.03	2.4G	-52.04	2.51214G	-52.28	21.56391G	-43.82	1
2437MHz	Pass	2.43607G	13.43	-16.57	1.91847G	-55.63	2.3988G	-50.89	2.4G	-52.56	2.50238G	-52.41	21.97691G	-45.00	2
2462MHz	Pass	2.43607G	13.43	-16.57	2.1503G	-56.03	2.396G	-50.74	2.4G	-53.36	2.5163G	-52.18	21.5049G	-43.87	1
2462MHz	Pass	2.43607G	13.43	-16.57	2.18409G	-55.54	2.3992G	-50.73	2.4G	-52.40	2.5043G	-52.91	21.98253G	-44.33	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	10.41	-19.59	2.18991G	-55.66	2.39456G	-33.27	2.4G	-30.47	2.5119G	-52.18	21.56391G	-44.56	1
2412MHz	Pass	2.43958G	10.41	-19.59	2.19341G	-55.01	2.39864G	-36.65	2.4G	-33.04	2.5235G	-53.23	21.65662G	-44.09	2
2437MHz	Pass	2.43958G	10.41	-19.59	2.16079G	-55.21	2.39888G	-43.17	2.4G	-44.05	2.51654G	-52.47	21.61729G	-45.16	1
2437MHz	Pass	2.43958G	10.41	-19.59	2.17943G	-55.59	2.39704G	-40.37	2.4G	-41.62	2.52318G	-52.45	21.50771G	-43.61	2
2462MHz	Pass	2.43958G	10.41	-19.59	1.76469G	-55.55	2.39208G	-50.75	2.4G	-53.08	2.50806G	-51.67	21.59481G	-44.35	1
2462MHz	Pass	2.43958G	10.41	-19.59	2.02565G	-54.79	2.39952G	-51.96	2.4G	-54.08	2.50702G	-53.30	21.61729G	-44.21	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	8.66	-21.34	1.83575G	-55.11	2.39704G	-36.80	2.4G	-34.56	2.5211G	-51.98	21.60324G	-43.70	1
2412MHz	Pass	2.44208G	8.66	-21.34	2.13166G	-55.56	2.39992G	-36.56	2.4G	-36.00	2.52262G	-52.70	21.45714G	-44.80	2
2437MHz	Pass	2.44208G	8.66	-21.34	2.17593G	-55.55	2.39944G	-43.55	2.4G	-43.82	2.50806G	-53.35	21.61729G	-44.42	1
2437MHz	Pass	2.44208G	8.66	-21.34	1.85672G	-54.98	2.39808G	-39.30	2.4G	-39.53	2.50126G	-52.62	21.96286G	-44.28	2
2462MHz	Pass	2.44208G	8.66	-21.34	1.7542G	-54.93	2.39528G	-51.87	2.4G	-54.75	2.50814G	-52.89	21.55829G	-44.53	1
2462MHz	Pass	2.44208G	8.66	-21.34	1.98604G	-55.43	2.3944G	-52.26	2.4G	-53.72	2.5147G	-53.08	21.59481G	-45.23	2

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

CSEndB

2412MHz

07/11/2025

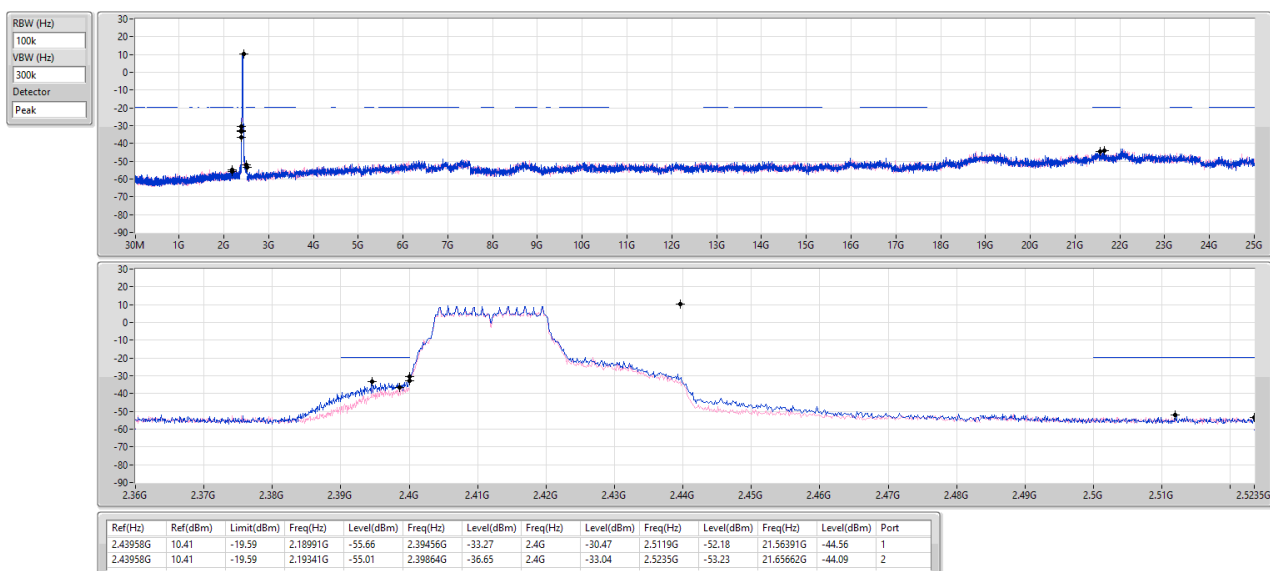


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

07/11/2025



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

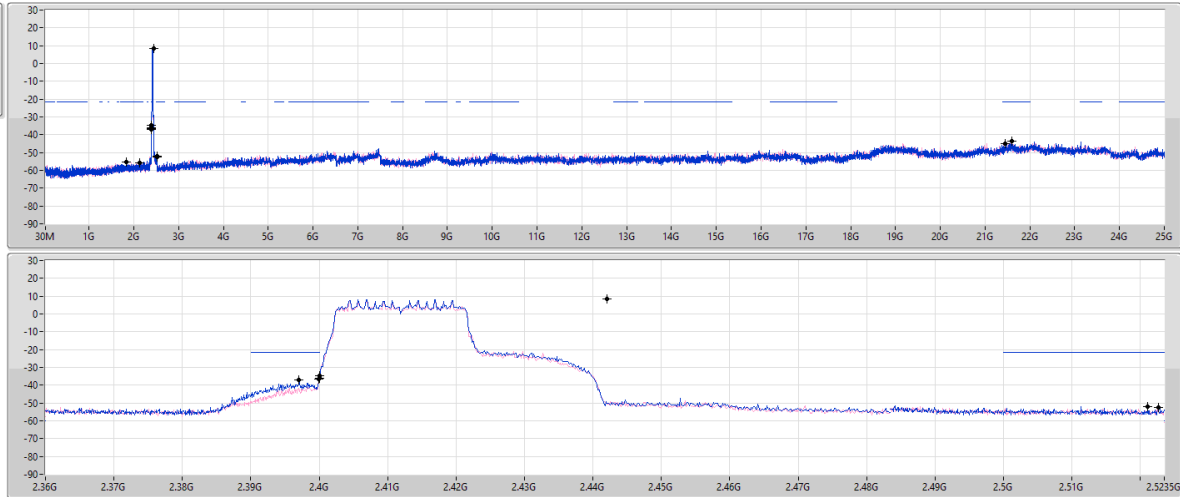
CSEndB

2412MHz

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

07/11/2025

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
2.44208G	8.66	-21.34	1.83575G	-55.11	2.39704G	-36.80	2.4G	-34.56	2.5211G	-51.98	21.60324G	-43.70	1
2.44208G	8.66	-21.34	2.13166G	-55.56	2.39992G	-36.56	2.4G	-36.00	2.52262G	-52.70	21.45714G	-44.80	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	2.44459G	8.91	-21.09	1.99885G	-55.06	2.39704G	-35.37	2.4G	-34.37	2.5207G	-52.88	21.52176G	-44.49	1



Result

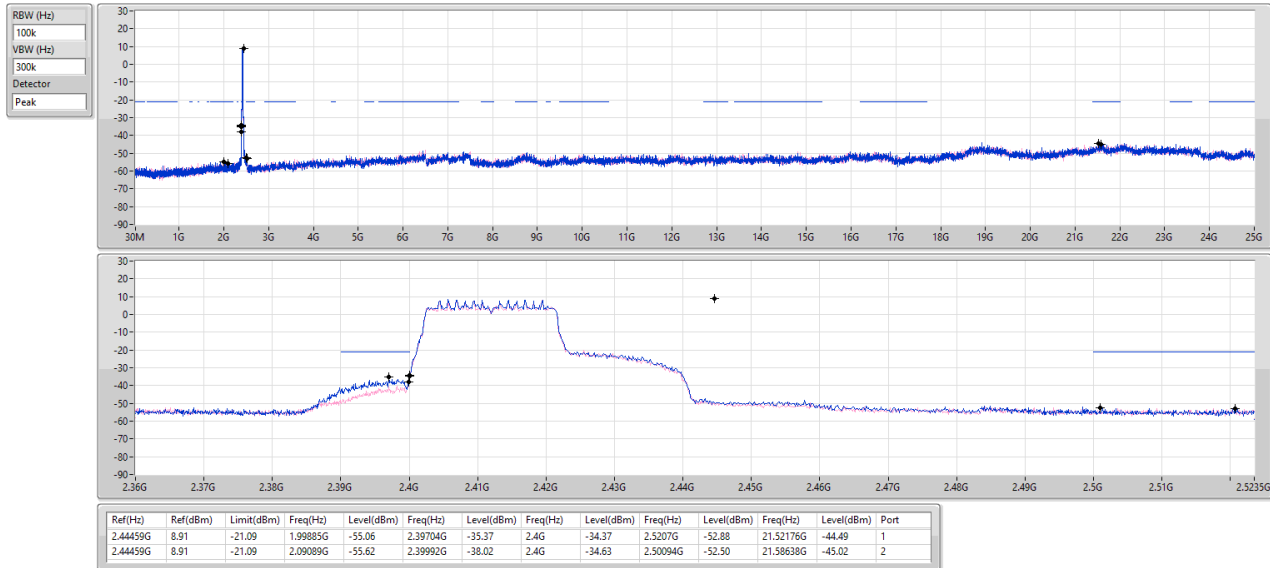
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44459G	8.91	-21.09	1.99885G	-55.06	2.39704G	-35.37	2.4G	-34.37	2.5207G	-52.88	21.52176G	-44.49	1
2412MHz	Pass	2.44459G	8.91	-21.09	2.09089G	-55.62	2.39992G	-38.02	2.4G	-34.63	2.50094G	-52.50	21.58638G	-45.02	2
2437MHz	Pass	2.44459G	8.91	-21.09	1.7542G	-55.19	2.39888G	-42.27	2.4G	-42.26	2.52222G	-52.54	21.61729G	-44.39	1
2437MHz	Pass	2.44459G	8.91	-21.09	2.07341G	-55.08	2.39848G	-39.60	2.4G	-38.97	2.50318G	-52.16	21.53019G	-44.23	2
2462MHz	Pass	2.44459G	8.91	-21.09	1.79614G	-55.34	2.3992G	-51.78	2.4G	-53.48	2.50654G	-53.10	21.58638G	-43.84	1
2462MHz	Pass	2.44459G	8.91	-21.09	1.93827G	-54.36	2.39576G	-52.23	2.4G	-54.24	2.50734G	-52.63	21.57795G	-44.20	2

2.4-2.4835GHz_802.11be EHT20_Nss2_(MCS0)_2TX

CSEndB

2412MHz

07/11/2025



**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	2.43657G	14.03	-15.97	2.15263G	-54.46	2.4G	-29.20	2.4G	-28.21	2.50694G	-51.68	21.99939G	-44.66	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43958G	8.61	-21.39	2.08972G	-54.76	2.39984G	-40.32	2.4G	-36.28	2.51278G	-52.73	21.51895G	-44.98	2
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.44208G	7.45	-22.55	1.74255G	-54.92	2.4G	-37.96	2.4G	-34.82	2.50438G	-53.38	21.60043G	-43.96	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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43657G	14.03	-15.97	2.15263G	-54.46	2.4G	-29.20	2.4G	-28.21	2.50694G	-51.68	21.99939G	-44.66	1
2412MHz	Pass	2.43657G	14.03	-15.97	2.17127G	-55.46	2.4G	-36.81	2.4G	-36.79	2.5007G	-52.56	21.48805G	-44.75	2
2412MHz	Pass	2.43657G	14.03	-15.97	1.92895G	-54.86	2.39856G	-33.12	2.4G	-33.99	2.50574G	-51.47	21.60324G	-44.14	3
2412MHz	Pass	2.43657G	14.03	-15.97	2.09089G	-55.19	2.39856G	-32.72	2.4G	-31.87	2.51926G	-52.52	21.63976G	-44.47	4
2437MHz	Pass	2.43657G	14.03	-15.97	2.02099G	-55.73	2.39816G	-49.22	2.4G	-51.52	2.5191G	-53.16	21.48805G	-44.92	1
2437MHz	Pass	2.43657G	14.03	-15.97	2.10137G	-54.89	2.3996G	-50.75	2.4G	-52.00	2.5179G	-53.04	21.64819G	-44.14	2
2437MHz	Pass	2.43657G	14.03	-15.97	2.30408G	-55.64	2.3948G	-50.66	2.4G	-51.34	2.51886G	-52.12	21.91791G	-45.13	3
2437MHz	Pass	2.43657G	14.03	-15.97	2.19923G	-55.10	2.39952G	-51.53	2.4G	-51.77	2.51294G	-53.07	21.72124G	-44.59	4
2462MHz	Pass	2.43657G	14.03	-15.97	1.88585G	-55.26	2.39704G	-51.10	2.4G	-52.95	2.52238G	-52.24	21.59762G	-44.21	1
2462MHz	Pass	2.43657G	14.03	-15.97	2.1072G	-55.61	2.39768G	-50.75	2.4G	-52.66	2.52206G	-52.54	22.00782G	-44.64	2
2462MHz	Pass	2.43657G	14.03	-15.97	1.91148G	-54.91	2.39784G	-50.76	2.4G	-52.16	2.50686G	-52.91	21.94039G	-45.12	3
2462MHz	Pass	2.43657G	14.03	-15.97	1.781G	-54.65	2.39808G	-51.23	2.4G	-52.45	2.50342G	-51.96	22.00501G	-44.54	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	8.61	-21.39	2.09438G	-54.97	2.39944G	-37.28	2.4G	-36.43	2.51126G	-52.25	21.45714G	-43.53	1
2412MHz	Pass	2.43958G	8.61	-21.39	2.08972G	-54.76	2.39984G	-40.32	2.4G	-36.28	2.51278G	-52.73	21.51895G	-44.98	2
2412MHz	Pass	2.43958G	8.61	-21.39	2.16195G	-55.83	2.39992G	-39.65	2.4G	-36.97	2.5123G	-53.15	21.63414G	-44.72	3
2412MHz	Pass	2.43958G	8.61	-21.39	2.16312G	-54.63	2.3992G	-40.66	2.4G	-37.22	2.50246G	-52.09	21.56952G	-44.80	4
2437MHz	Pass	2.43958G	8.61	-21.39	2.13632G	-54.39	2.39768G	-47.28	2.4G	-48.31	2.51574G	-52.47	21.60324G	-44.82	1
2437MHz	Pass	2.43958G	8.61	-21.39	2.12234G	-55.60	2.39688G	-45.31	2.4G	-45.72	2.52102G	-53.12	21.66505G	-43.43	2
2437MHz	Pass	2.43958G	8.61	-21.39	1.99652G	-54.33	2.39984G	-40.48	2.4G	-43.23	2.50302G	-52.10	21.49086G	-44.80	3
2437MHz	Pass	2.43958G	8.61	-21.39	2.30525G	-55.09	2.39976G	-47.27	2.4G	-47.42	2.50662G	-52.28	21.58076G	-44.18	4
2462MHz	Pass	2.43958G	8.61	-21.39	2.12118G	-55.96	2.39592G	-52.28	2.4G	-54.58	2.51974G	-52.80	21.83081G	-44.15	1
2462MHz	Pass	2.43958G	8.61	-21.39	2.16661G	-55.04	2.39976G	-51.98	2.4G	-53.76	2.5215G	-52.81	21.94601G	-44.49	2
2462MHz	Pass	2.43958G	8.61	-21.39	1.87886G	-55.59	2.39736G	-50.96	2.4G	-54.10	2.52302G	-52.84	21.59762G	-44.91	3
2462MHz	Pass	2.43958G	8.61	-21.39	2.15496G	-55.00	2.39424G	-52.46	2.4G	-54.49	2.51126G	-52.60	21.99939G	-42.75	4
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	7.45	-22.55	1.84391G	-55.68	2.4G	-39.31	2.4G	-35.88	2.51494G	-52.22	21.59481G	-44.17	1
2412MHz	Pass	2.44208G	7.45	-22.55	1.74255G	-54.92	2.4G	-37.96	2.4G	-34.82	2.50438G	-53.38	21.60043G	-43.96	2
2412MHz	Pass	2.44208G	7.45	-22.55	2.30059G	-55.11	2.4G	-37.16	2.4G	-36.05	2.5155G	-52.83	21.55548G	-44.48	3
2412MHz	Pass	2.44208G	7.45	-22.55	2.04895G	-55.11	2.4G	-38.03	2.4G	-36.73	2.5139G	-52.07	21.60324G	-44.99	4
2437MHz	Pass	2.44208G	7.45	-22.55	1.9872G	-54.46	2.39992G	-45.62	2.4G	-47.13	2.51638G	-53.01	21.51895G	-44.76	1
2437MHz	Pass	2.44208G	7.45	-22.55	2.0105G	-55.57	2.39944G	-42.59	2.4G	-43.57	2.51766G	-53.32	21.49648G	-44.87	2
2437MHz	Pass	2.44208G	7.45	-22.55	2.18758G	-55.89	2.39904G	-39.80	2.4G	-41.43	2.5135G	-52.60	21.59481G	-44.64	3
2437MHz	Pass	2.44208G	7.45	-22.55	1.76236G	-55.25	2.39984G	-43.07	2.4G	-43.48	2.52094G	-53.01	21.52176G	-44.63	4
2462MHz	Pass	2.44208G	7.45	-22.55	2.14448G	-54.42	2.39912G	-51.62	2.4G	-53.47	2.51334G	-51.89	21.67629G	-44.15	1
2462MHz	Pass	2.44208G	7.45	-22.55	2.15263G	-55.42	2.39568G	-51.35	2.4G	-54.81	2.51278G	-52.90	21.97972G	-43.44	2
2462MHz	Pass	2.44208G	7.45	-22.55	2.12467G	-55.64	2.39664G	-51.49	2.4G	-53.83	2.50414G	-52.80	21.90105G	-44.97	3
2462MHz	Pass	2.44208G	7.45	-22.55	2.18875G	-55.60	2.398G	-51.85	2.4G	-54.21	2.5187G	-52.94	22.00501G	-44.60	4

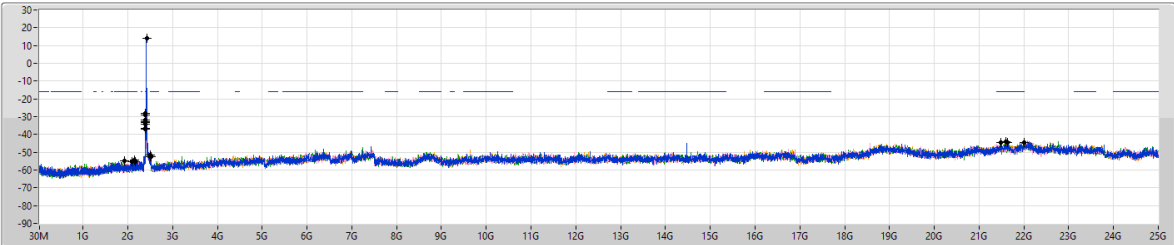
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSEndB

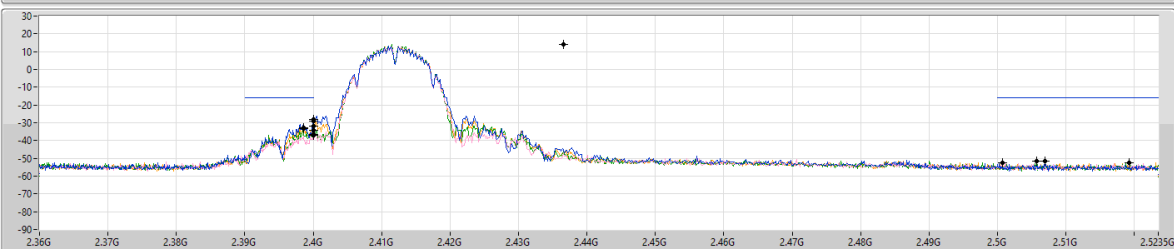
2412MHz

07/11/2025

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
2.43657G	14.03	-15.97	2.15263G	-54.46	2.4G	-29.20	2.4G	-28.21	2.50694G	-51.68	21.99939G	-44.66	1
2.43657G	14.03	-15.97	2.17127G	-55.46	2.4G	-36.81	2.4G	-36.79	2.5007G	-52.56	21.48805G	-44.75	2
2.43657G	14.03	-15.97	1.92895G	-54.86	2.39856G	-33.12	2.4G	-33.99	2.50574G	-51.47	21.60324G	-44.14	3
2.43657G	14.03	-15.97	2.09089G	-55.19	2.39856G	-32.72	2.4G	-31.87	2.51926G	-52.52	21.63976G	-44.47	4

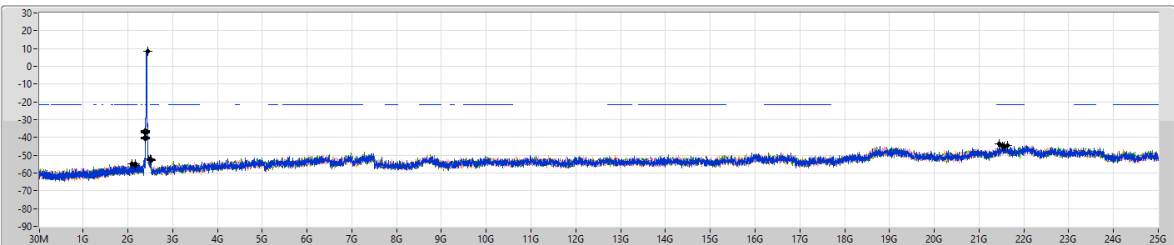
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

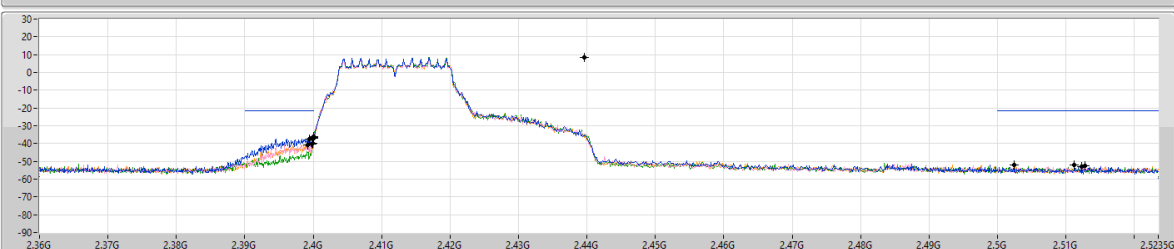
2412MHz

07/11/2025

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



Port 1
Port 2
Port 3
Port 4



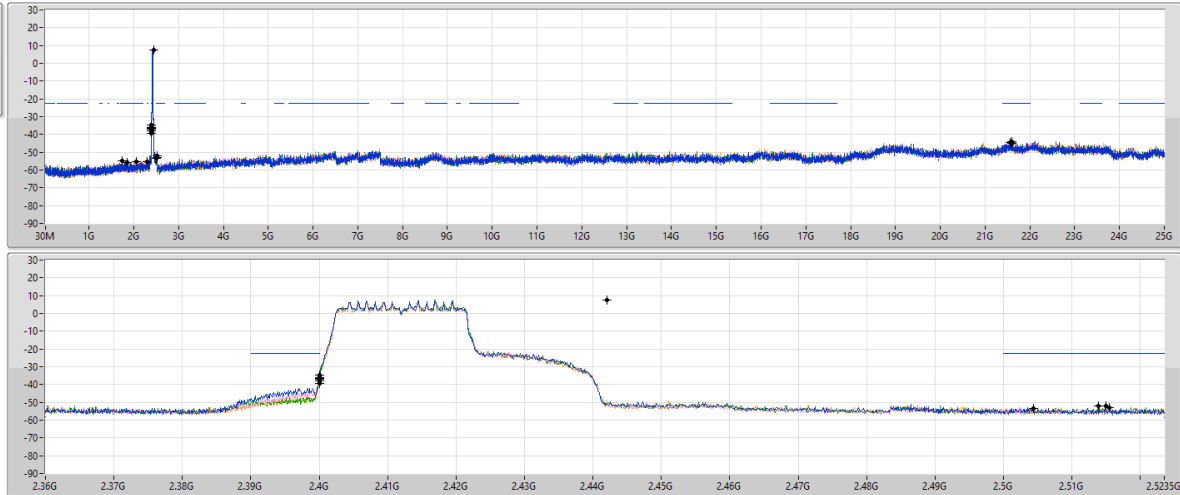
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43958G	8.61	-21.39	2.09438G	-54.97	2.39944G	-37.28	2.4G	-36.43	2.51126G	-52.25	21.45714G	-43.53	1
2.43958G	8.61	-21.39	2.08972G	-54.76	2.39984G	-40.32	2.4G	-36.28	2.51278G	-52.73	21.51895G	-44.98	2
2.43958G	8.61	-21.39	2.16195G	-55.83	2.39992G	-39.65	2.4G	-36.97	2.5123G	-53.15	21.63414G	-44.72	3
2.43958G	8.61	-21.39	2.16312G	-54.63	2.3992G	-40.66	2.4G	-37.22	2.50246G	-52.09	21.56952G	-44.80	4

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

CSEndB

2412MHz

07/11/2025

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
2.44208G	7.45	-22.55	1.84391G	-55.68	2.4G	-39.31	2.4G	-35.88	2.51494G	-52.22	21.59481G	-44.17	1
2.44208G	7.45	-22.55	1.74255G	-54.92	2.4G	-37.96	2.4G	-34.82	2.50438G	-53.38	21.60043G	-43.96	2
2.44208G	7.45	-22.55	2.30059G	-55.11	2.4G	-37.16	2.4G	-36.05	2.51555G	-52.83	21.55548G	-44.48	3
2.44208G	7.45	-22.55	2.04895G	-55.11	2.4G	-38.03	2.4G	-36.73	2.5139G	-52.07	21.60324G	-44.99	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss4,(MCS0)_4TX	Pass	2.43958G	8.67	-21.33	1.89051G	-54.96	2.4G	-37.73	2.4G	-34.00	2.5235G	-52.23	22.0022G	-44.61	3

Result

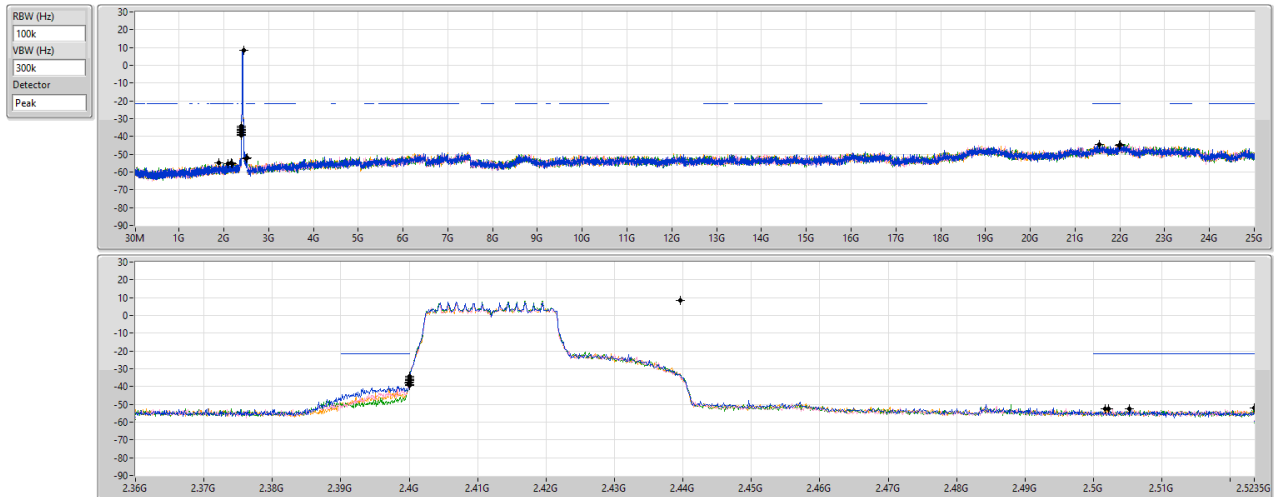
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	8.67	-21.33	2.19224G	-55.51	2.4G	-39.53	2.4G	-34.98	2.50518G	-52.58	21.53581G	-44.46	1
2412MHz	Pass	2.43958G	8.67	-21.33	2.16661G	-54.61	2.39992G	-38.14	2.4G	-36.05	2.50166G	-52.49	21.99096G	-44.95	2
2412MHz	Pass	2.43958G	8.67	-21.33	1.89051G	-54.96	2.4G	-37.73	2.4G	-34.00	2.5235G	-52.23	22.0022G	-44.61	3
2412MHz	Pass	2.43958G	8.67	-21.33	2.08739G	-55.26	2.4G	-38.95	2.4G	-36.50	2.50222G	-52.29	22.00782G	-44.53	4
2437MHz	Pass	2.43958G	8.67	-21.33	2.1503G	-55.53	2.39848G	-42.03	2.4G	-44.81	2.52174G	-52.58	21.55267G	-45.14	1
2437MHz	Pass	2.43958G	8.67	-21.33	2.06409G	-55.74	2.3968G	-37.15	2.4G	-43.53	2.51366G	-52.74	21.62853G	-44.54	2
2437MHz	Pass	2.43958G	8.67	-21.33	1.97206G	-55.34	2.39944G	-36.46	2.4G	-37.94	2.50822G	-52.93	21.59762G	-44.78	3
2437MHz	Pass	2.43958G	8.67	-21.33	2.05244G	-55.26	2.39872G	-40.77	2.4G	-41.86	2.51686G	-52.76	21.51614G	-43.89	4
2462MHz	Pass	2.43958G	8.67	-21.33	1.79964G	-55.55	2.39328G	-51.84	2.4G	-55.33	2.50038G	-52.64	21.58638G	-45.31	1
2462MHz	Pass	2.43958G	8.67	-21.33	2.0571G	-54.74	2.39432G	-52.08	2.4G	-55.15	2.51886G	-52.75	21.46557G	-44.44	2
2462MHz	Pass	2.43958G	8.67	-21.33	2.08506G	-55.24	2.4G	-51.97	2.4G	-53.78	2.52118G	-51.95	21.5611G	-44.25	3
2462MHz	Pass	2.43958G	8.67	-21.33	2.30292G	-55.25	2.39904G	-52.25	2.4G	-55.30	2.51334G	-52.65	21.60886G	-44.82	4

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

CSEndB

2412MHz

07/11/2025



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
2.43958G	8.67	-21.33	2.19224G	-55.51	2.4G	-39.53	2.4G	-34.98	2.50518G	-52.58	21.53581G	-44.46	1
2.43958G	8.67	-21.33	2.16661G	-54.61	2.39992G	-38.14	2.4G	-36.05	2.50166G	-52.49	21.99096G	-44.95	2
2.43958G	8.67	-21.33	1.89051G	-54.96	2.4G	-37.73	2.4G	-34.00	2.5235G	-52.23	22.0022G	-44.61	3
2.43958G	8.67	-21.33	2.08739G	-55.26	2.4G	-38.95	2.4G	-36.50	2.50222G	-52.29	22.00782G	-44.53	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	2.46246G	15.48	-14.52	1.77517G	-55.25	2.39856G	-31.77	2.4G	-31.79	2.50566G	-52.58	21.60043G	-44.05	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44208G	10.30	-19.70	2.18292G	-55.76	2.4G	-36.50	2.4G	-32.88	2.5231G	-52.86	21.61729G	-44.62	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.41687G	10.12	-19.88	2.30525G	-55.15	2.39704G	-33.44	2.4G	-34.83	2.50846G	-53.04	23.5896G	-44.66	2



**CSE (NdB Down)_Non-Beamforming_
Scan Radio_2T1S_AP5022**

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	2.46246G	15.48	-14.52	1.63188G	-55.50	2.4G	-33.99	2.4G	-34.03	2.5163G	-53.19	21.63414G	-45.01	1
2412MHz	Pass	2.46246G	15.48	-14.52	1.77517G	-55.25	2.39856G	-31.77	2.4G	-31.79	2.50566G	-52.58	21.60043G	-44.05	2
2437MHz	Pass	2.46246G	15.48	-14.52	1.27073G	-55.60	2.39912G	-50.53	2.4G	-53.14	2.50102G	-52.74	21.57795G	-43.46	1
2437MHz	Pass	2.46246G	15.48	-14.52	1.96507G	-55.29	2.3992G	-50.23	2.4G	-51.39	2.50974G	-52.88	21.97972G	-45.08	2
2462MHz	Pass	2.46246G	15.48	-14.52	2.18176G	-54.53	2.3996G	-51.70	2.4G	-53.42	2.50238G	-52.18	21.65662G	-45.18	1
2462MHz	Pass	2.46246G	15.48	-14.52	1.97206G	-55.16	2.39704G	-51.32	2.4G	-52.29	2.51502G	-52.87	21.6201G	-43.36	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	10.30	-19.70	2.18292G	-55.76	2.4G	-36.50	2.4G	-32.88	2.5231G	-52.86	21.61729G	-44.62	1
2412MHz	Pass	2.44208G	10.30	-19.70	2.10487G	-55.56	2.39704G	-36.28	2.4G	-32.97	2.50438G	-52.86	21.8561G	-45.48	2
2437MHz	Pass	2.44208G	10.30	-19.70	2.16661G	-54.95	2.39976G	-43.44	2.4G	-46.78	2.5019G	-52.93	22.0022G	-44.61	1
2437MHz	Pass	2.44208G	10.30	-19.70	2.13399G	-55.52	2.39888G	-40.42	2.4G	-42.17	2.5099G	-52.19	21.55548G	-44.33	2
2462MHz	Pass	2.44208G	10.30	-19.70	2.19341G	-55.75	2.39368G	-51.91	2.4G	-54.18	2.50334G	-52.44	21.58357G	-44.09	1
2462MHz	Pass	2.44208G	10.30	-19.70	2.17593G	-54.66	2.39648G	-52.02	2.4G	-52.54	2.50814G	-52.45	21.53019G	-44.81	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41687G	10.12	-19.88	2.14797G	-56.08	2.39704G	-36.77	2.4G	-35.63	2.52326G	-52.50	21.40376G	-44.80	1
2412MHz	Pass	2.41687G	10.12	-19.88	2.30525G	-55.15	2.39704G	-33.44	2.4G	-34.83	2.50846G	-53.04	23.5896G	-44.66	2
2437MHz	Pass	2.41687G	10.12	-19.88	2.30175G	-55.49	2.3996G	-43.93	2.4G	-43.39	2.50062G	-53.08	22.0022G	-44.89	1
2437MHz	Pass	2.41687G	10.12	-19.88	1.84857G	-55.84	2.39848G	-40.35	2.4G	-42.20	2.50206G	-52.32	21.50771G	-44.60	2
2462MHz	Pass	2.41687G	10.12	-19.88	1.87886G	-55.54	2.39256G	-51.39	2.4G	-52.82	2.5035G	-53.16	21.5611G	-45.09	1
2462MHz	Pass	2.41687G	10.12	-19.88	1.9674G	-54.81	2.39856G	-51.45	2.4G	-53.42	2.5167G	-52.64	21.99939G	-44.94	2

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

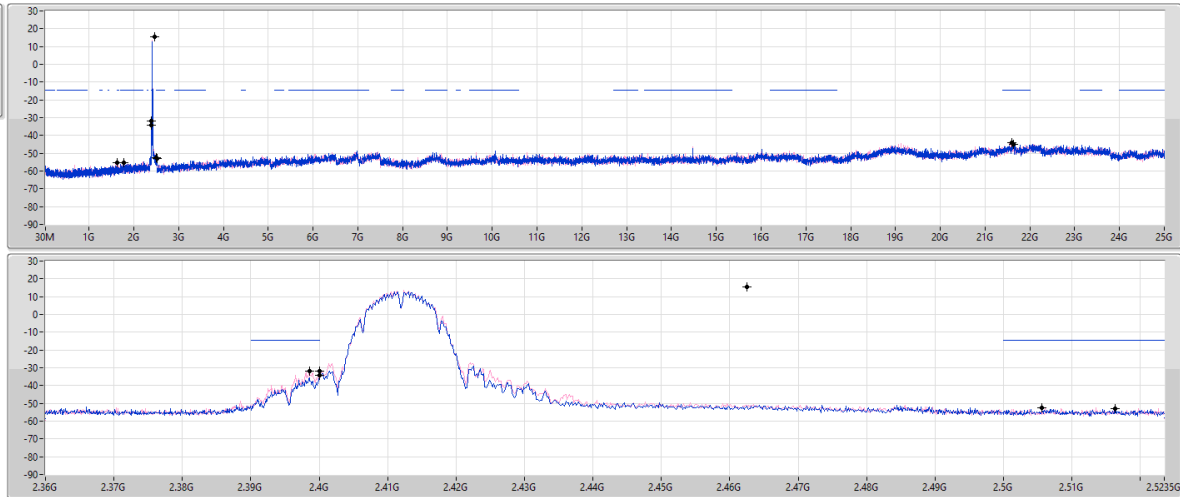
CSEndB

2412MHz

07/11/2025

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

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
2.46246G	15.48	-14.52	1.63188G	-55.50	2.4G	-33.99	2.4G	-34.03	2.5163G	-53.19	21.63414G	-45.01	1
2.46246G	15.48	-14.52	1.77517G	-55.25	2.39856G	-31.77	2.4G	-31.79	2.50566G	-52.58	21.60043G	-44.05	2

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

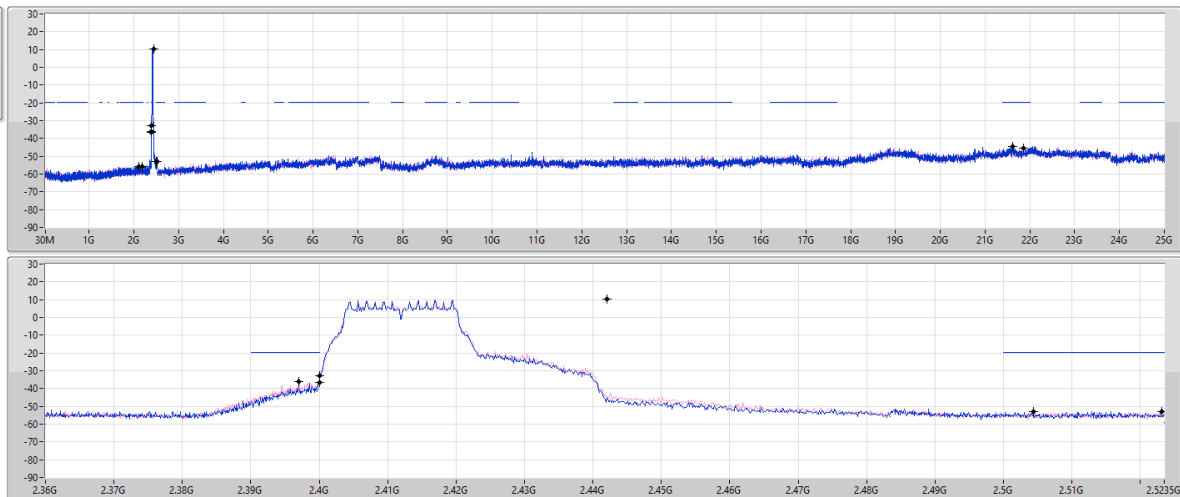
CSEndB

2412MHz

07/11/2025

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

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
2.44208G	10.30	-19.70	2.18292G	-55.76	2.4G	-36.50	2.4G	-32.88	2.5231G	-52.86	21.61729G	-44.62	1
2.44208G	10.30	-19.70	2.10487G	-55.56	2.39704G	-36.28	2.4G	-32.97	2.50438G	-52.86	21.8561G	-45.48	2



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

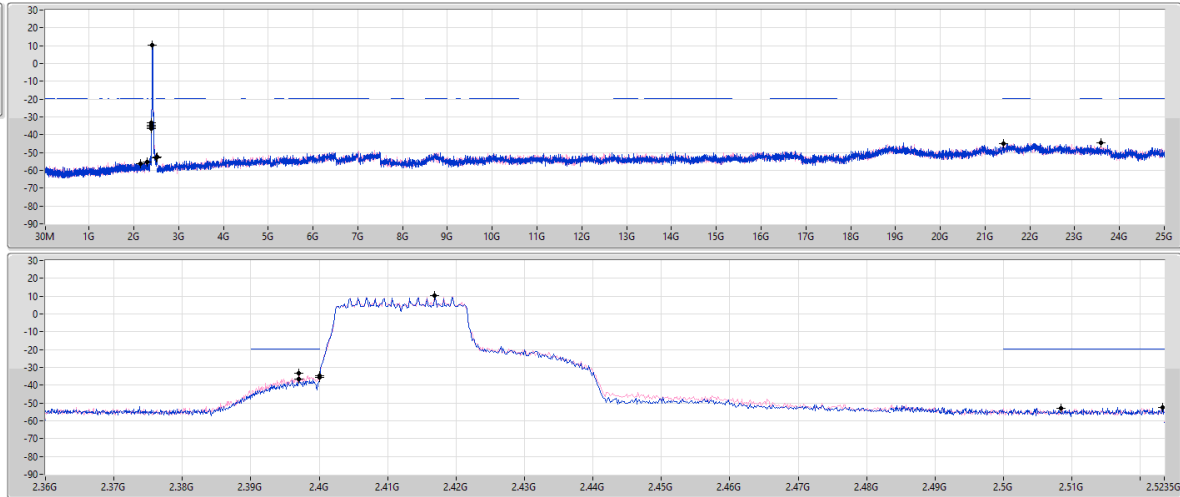
CSEndB

2412MHz

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

07/11/2025

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
2.41687G	10.12	-19.88	2.14797G	-56.08	2.39704G	-36.77	2.4G	-35.63	2.52326G	-52.50	2.140376G	-44.80	1
2.41687G	10.12	-19.88	2.30525G	-55.15	2.39704G	-33.44	2.4G	-34.83	2.50846G	-53.04	2.35896G	-44.66	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	2.44208G	10.20	-19.80	2.30991G	-55.85	2.39704G	-33.61	2.4G	-33.67	2.51374G	-52.75	21.62291G	-44.91	2

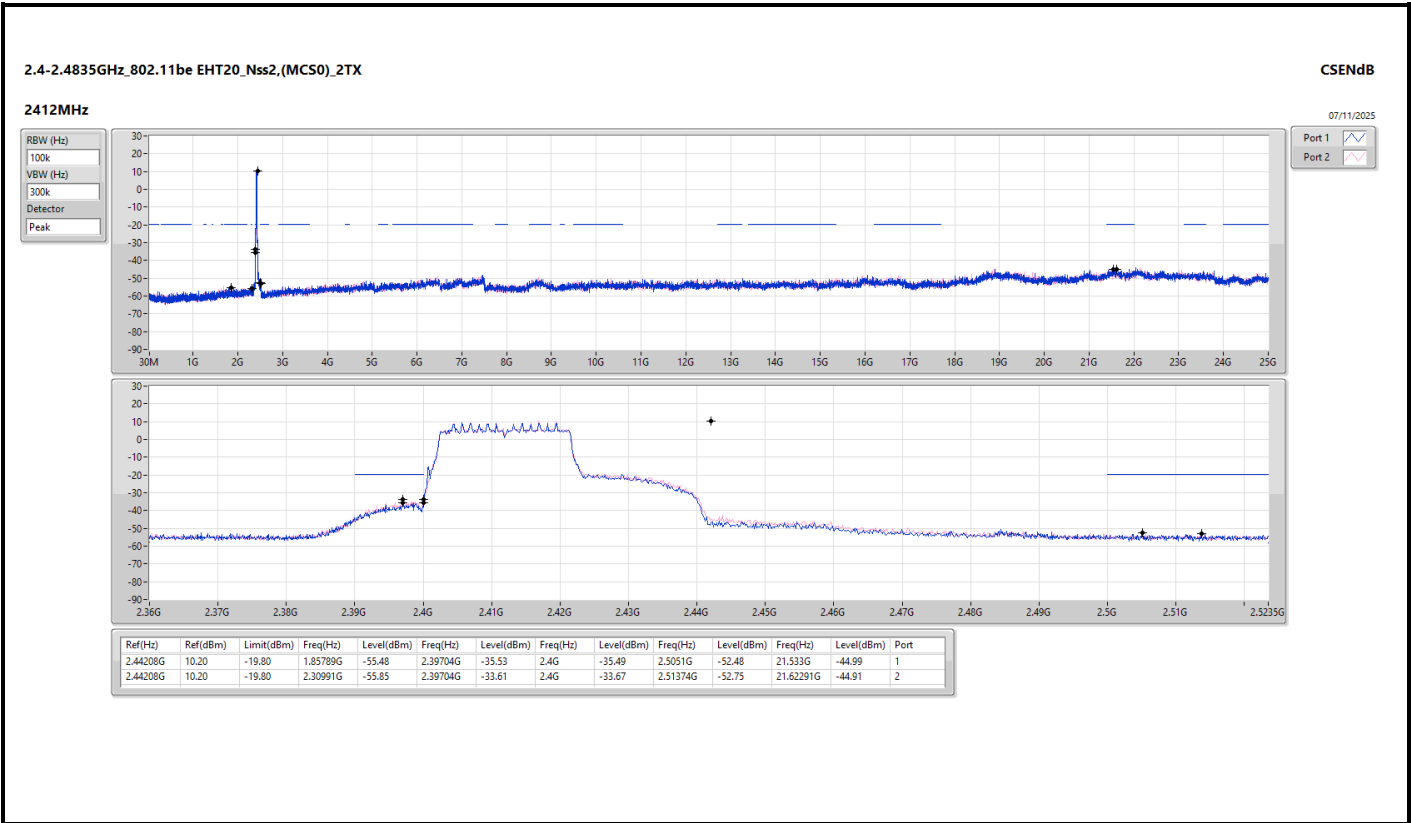


**CSE (NdB Down)_Non-Beamforming_
Scan Radio_2T2S_AP5022**

Appendix E.7

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	2.44208G	10.20	-19.80	1.85789G	-55.48	2.39704G	-35.53	2.4G	-35.49	2.5051G	-52.48	21.533G	-44.99	1
2412MHz	Pass	2.44208G	10.20	-19.80	2.30991G	-55.85	2.39704G	-33.61	2.4G	-33.67	2.51374G	-52.75	21.62291G	-44.91	2
2437MHz	Pass	2.44208G	10.20	-19.80	2.30525G	-55.58	2.39744G	-38.63	2.4G	-41.98	2.52158G	-53.03	21.57514G	-44.43	1
2437MHz	Pass	2.44208G	10.20	-19.80	1.95691G	-55.20	2.3988G	-37.08	2.4G	-38.83	2.50734G	-52.78	21.9151G	-44.87	2
2462MHz	Pass	2.44208G	10.20	-19.80	2.18875G	-55.39	2.39648G	-51.61	2.4G	-54.83	2.51934G	-52.84	21.533G	-44.39	1
2462MHz	Pass	2.44208G	10.20	-19.80	1.91264G	-55.21	2.39544G	-52.49	2.4G	-53.78	2.50158G	-53.20	21.60886G	-44.35	2





**RSE TX below 1GHz_Non-Beamforming_
Radio 1_4T1S_AP5022**

Appendix F.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	PK	59.1M	34.64	40.00	-5.36	3	Vertical	360	1.00



**RSE TX below 1GHz_Non-Beamforming_
Radio 1_4T1S_AP5022**

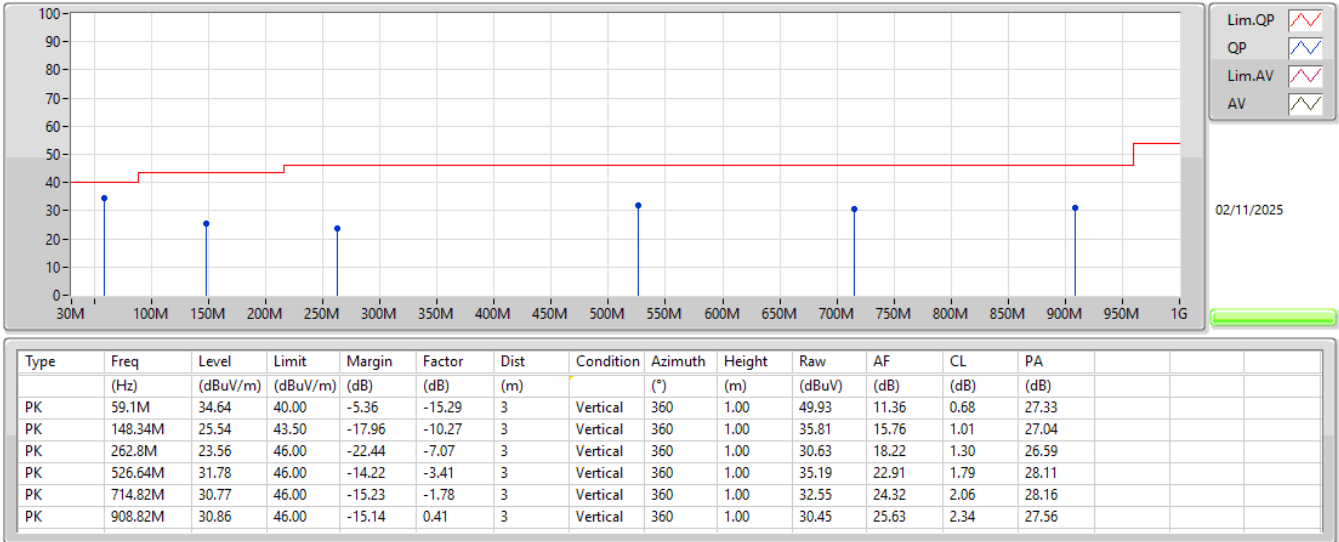
Appendix F.1

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	99.84M	30.70	43.50	-12.80	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	130.88M	23.50	43.50	-20.00	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	249.22M	22.26	46.00	-23.74	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	493.66M	28.25	46.00	-17.75	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	714.82M	34.58	46.00	-11.42	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	903M	33.19	46.00	-12.81	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	99.84M	32.27	43.50	-11.23	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	200.72M	27.37	43.50	-16.13	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	309.36M	25.86	46.00	-20.14	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	528.58M	26.05	46.00	-19.95	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	710.94M	33.90	46.00	-12.10	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	960M	32.54	46.00	-13.46	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	59.1M	34.64	40.00	-5.36	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	148.34M	25.54	43.50	-17.96	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	262.8M	23.56	46.00	-22.44	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	526.64M	31.78	46.00	-14.22	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	714.82M	30.77	46.00	-15.23	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	908.82M	30.86	46.00	-15.14	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	95.96M	32.80	43.50	-10.70	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	148.34M	23.89	43.50	-19.61	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	249.22M	26.32	46.00	-19.68	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	526.64M	31.23	46.00	-14.77	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	582.9M	33.36	46.00	-12.64	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	928.22M	29.95	46.00	-16.05	3	Horizontal	0	1.00

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

2437MHz_PoE



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2437MHz_PoE

