



FCC Radio Test Report

FCC ID : QXO-AP4060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP4060X
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville
North Carolina United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville
North Carolina United States 27560
Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 17, 2025, and testing was started from May 07, 2025 and completed on Jul. 22, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	12
1.3 Testing Location Information	12
1.4 Measurement Uncertainty	13
2 TEST CONFIGURATION OF EUT.....	14
2.1 Test Channel Mode	14
2.2 The Worst Case Measurement Configuration.....	18
2.3 Support Equipment.....	20
2.4 Test Setup Diagram	21
3 TRANSMITTER TEST RESULT	25
3.1 AC Power-line Conducted Emissions	25
3.2 DTS Bandwidth.....	27
3.3 Maximum Conducted Output Power	28
3.4 Power Spectral Density	30
3.5 Emissions in Non-restricted Frequency Bands	31
3.6 Emissions in Restricted Frequency Bands.....	32
4 TEST EQUIPMENT AND CALIBRATION DATA.....	36
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX H. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR512205-03AC	01	Initial issue of report	Aug. 20, 2025

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Michelle Tsai

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_Scan

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	b20	20	1TX
2.4-2.4835GHz	g20	20	1TX

Beamforming_Radio 1_2T1S

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

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/HEW20 mode are the same or lower than EHT20.

**1.1.2 Antenna Information**

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

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



FCC Radio Test Report

Report No. :FR512205-03AC

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

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

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

Note 1: The EUT has twelve antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit.

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

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

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

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

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

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

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

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

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

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

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

For 5GHz function:

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

Ant. 1 (port 1) could transmit.

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

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

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

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

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

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

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

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

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

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

Ant. 3 (port 1) could transmit.

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

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

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

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

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

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

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

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

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

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

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

For BT function:

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

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

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

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

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

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

For 802.15.4 function:

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

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

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

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

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

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

Note 2: Directional gain information

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☒ 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	0.99	0.04	3.194m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.988	0.05	2.866m	10Hz (DC>=0.98)

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	0.99	0.04	3.194m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.989	0.05	3.009m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.988	0.05	2.866m	10Hz (DC>=0.98)

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	0.988	0.05	2.852m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 1_Scan

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
b20_Nss1,(1Mbps)_1TX	0.91	0.41	8.422m	200
g20_Nss1,(6Mbps)_1TX	0.664	1.78	1.403m	1k

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

Beamforming_Radio 1_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.988	0.05	2.866m	10Hz (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
AP4060	Internal antennas
AP4060X	External antennas

1.1.6 Table for Permissive Change

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

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

Modifications	Performance Checking
Add model name. (AP4060X)	All

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Jack Tang	21.5~22.3°C / 54~59%	13/May/2025~15/May/2025
Radiated (Co-Location)	03CH02-HY	Daniel Lin	21.7~22.4°C / 57~61%	28/May/2025~30/May/2025
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	22.4~23.4°C / 52~55%	13/May/2025~22/Jul/2025
Radiated	03CH24-HY	Billy Wang	21.1~21.9°C / 58~61%	07/May/2025~12/May/2025
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMTool_REL_3_3_0_4
-----------------------	-------------------------

Non-Beamforming_Radio 1_1T1S_Dipole

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	76
2417MHz	77
2437MHz	80
2457MHz	75
2462MHz	74
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	76
2417MHz	76
2437MHz	80
2457MHz	74
2462MHz	72
802.11be EHT20_Nss1,(MCS0)_1TX	-
2412MHz	76
2417MHz	78
2437MHz	80
2457MHz	75
2462MHz	72

**Non-Beamforming_Radio 1_2T1S_Dipole**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	72
2417MHz	74
2437MHz	79
2457MHz	73
2462MHz	69
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	74
2417MHz	70
2437MHz	77
2457MHz	71
2462MHz	71
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	72
2417MHz	72
2437MHz	76
2457MHz	73
2462MHz	66

Non-Beamforming_Radio 1_2T2S_Dipole

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
2412MHz	73
2417MHz	73
2437MHz	75
2457MHz	72
2462MHz	74

**Non-Beamforming_Radio 1_1T1S_Patch**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	73
2437MHz	71
2457MHz	70
2462MHz	64
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	72
2437MHz	72
2457MHz	69
2462MHz	63
802.11be EHT20_Nss1,(MCS0)_1TX	-
2412MHz	72
2437MHz	72
2457MHz	73
2462MHz	62

Non-Beamforming_Radio 1_2T1S_Patch

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	71
2437MHz	69
2457MHz	68
2462MHz	64
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	69
2417MHz	54
2437MHz	70
2457MHz	67
2462MHz	59
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	69
2437MHz	69
2457MHz	67
2462MHz	58

Non-Beamforming_Radio 1_2T2S_Patch

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
2412MHz	69
2437MHz	69
2457MHz	66
2462MHz	54



Test Software Version	PuTTY release 0.62
------------------------------	--------------------

Non-Beamforming_Radio 1_Scan

Mode	Power Setting
b20_Nss1,(1Mbps)_1TX	-
2412MHz	65
2417MHz	70
2437MHz	79
2457MHz	74
2462MHz	71
g20_Nss1,(6Mbps)_1TX	-
2412MHz	57
2417MHz	58
2437MHz	71
2457MHz	55
2462MHz	53

Test Software Version	accessMTool_REL_3_3_0_4
------------------------------	-------------------------

Beamforming_Radio 1_2T1S_Dipole

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	72
2417MHz	72
2437MHz	76
2457MHz	73
2462MHz	66

Beamforming_Radio 1_2T1S_Patch

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	69
2437MHz	69
2457MHz	67
2462MHz	58

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (2T1S_Dipole) (2T2S_Dipole) (Radio 1_Scan)	V (Patch)	V (1T1S_Dipole)



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

2.3 Support Equipment

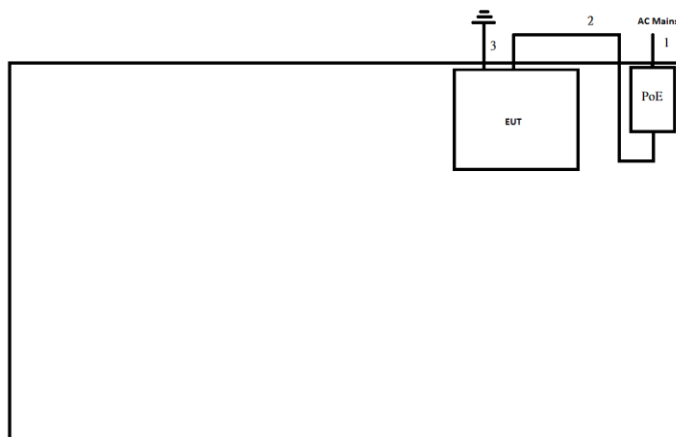
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	Ground Wire	Sporton	Sporton	-	-
3	PoE	PHIHONG	POE60U-1BT-X	-	Provided by Customer
4	AC Power Cable	Power sync	PW-GPC180-3	-	-

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

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

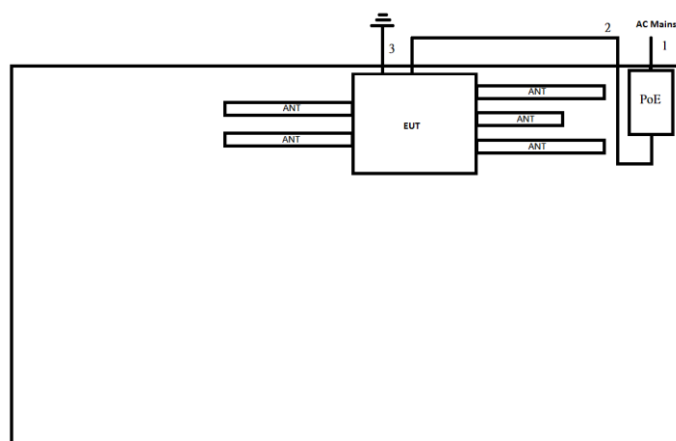
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Radio 1_Scan)

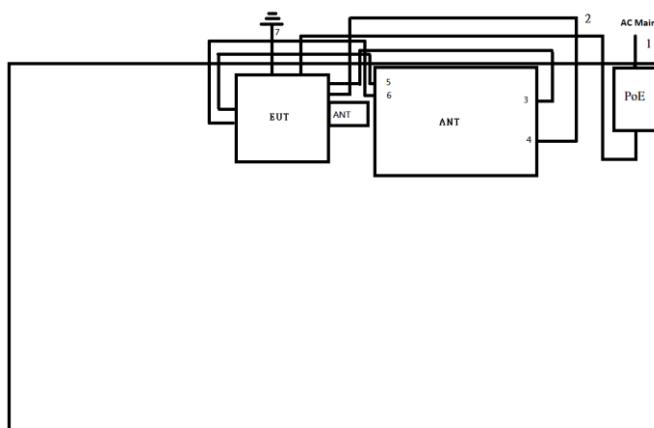


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

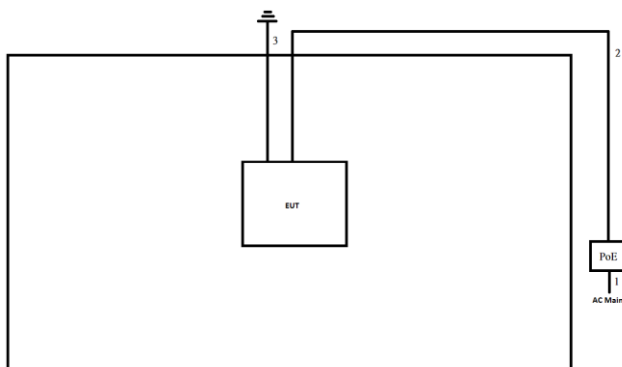
Test Setup Diagram – AC Line Conducted Emission Test (Dipole)



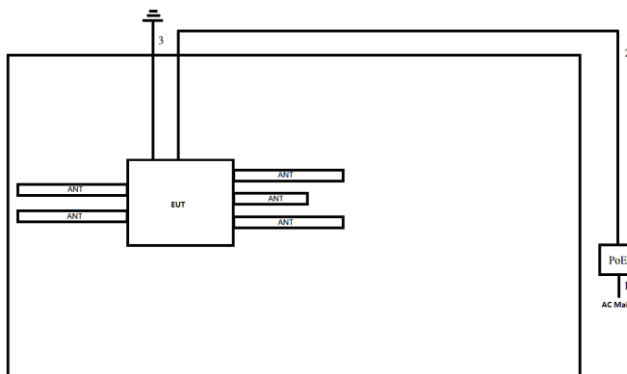
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	Ground Wire	No	3.0	-

Test Setup Diagram – AC Line Conducted Emission Test (Patch)


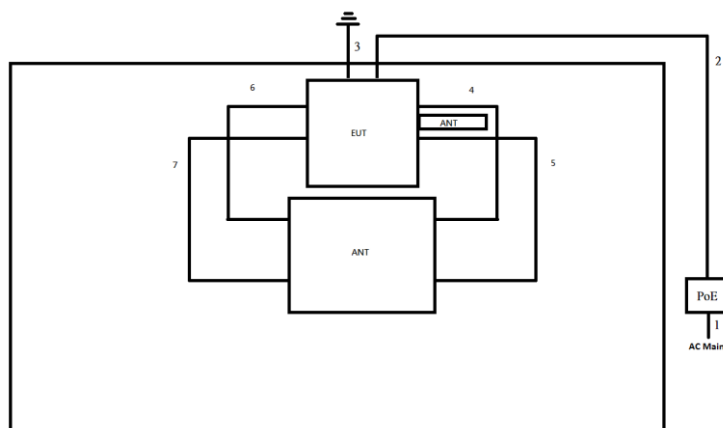
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RF Cable	No	1.0	-
4	RF Cable	No	1.0	-
5	RF Cable	No	1.0	-
6	RF Cable	No	1.0	-
7	Ground Wire	No	3.0	-

Test Setup Diagram - Radiated Test (Radio 1_Scan)


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

Test Setup Diagram - Radiated Test (Dipole)


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

Test Setup Diagram - Radiated Test (Patch)


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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

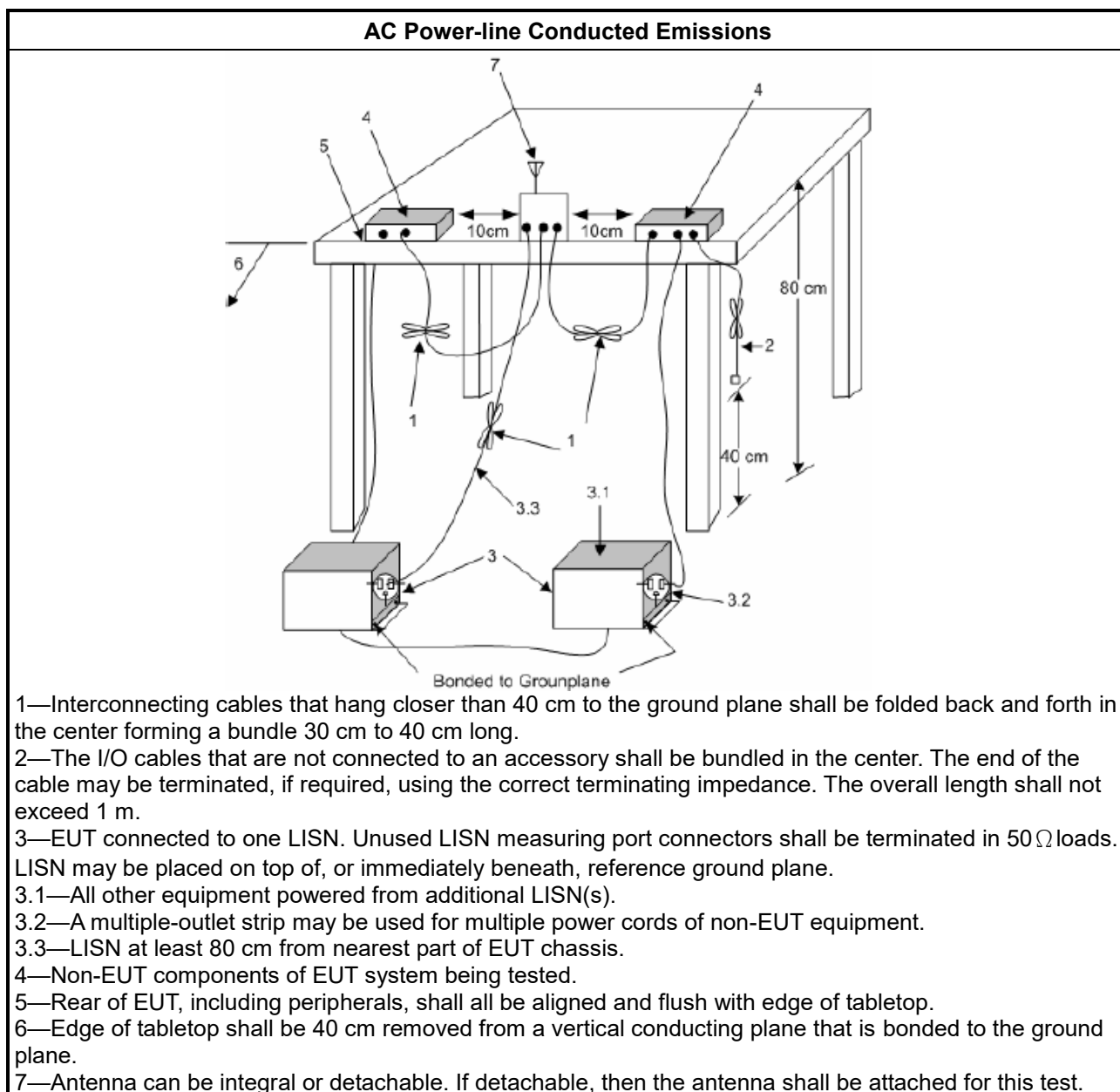
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

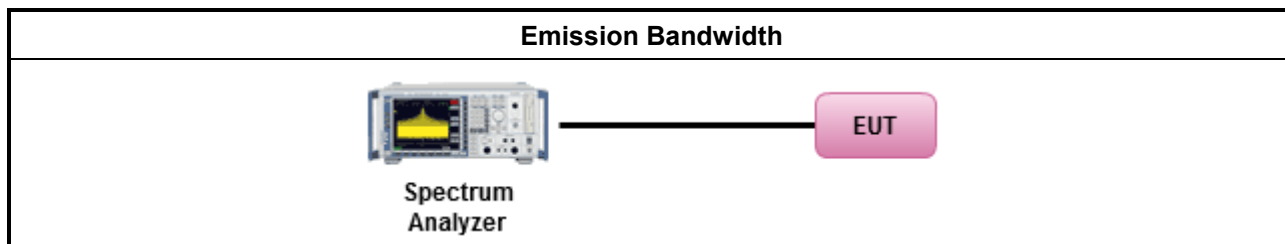
3.2.2 Measuring Instruments

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.	

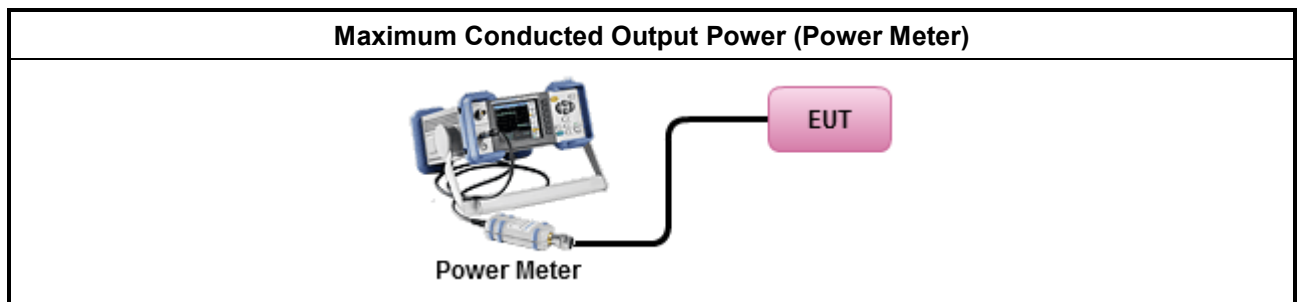
3.3.2 Measuring Instruments

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

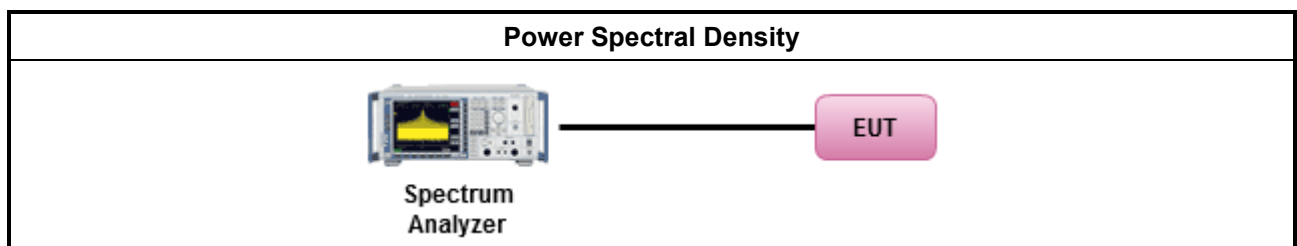
3.4.2 Measuring Instruments

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.	

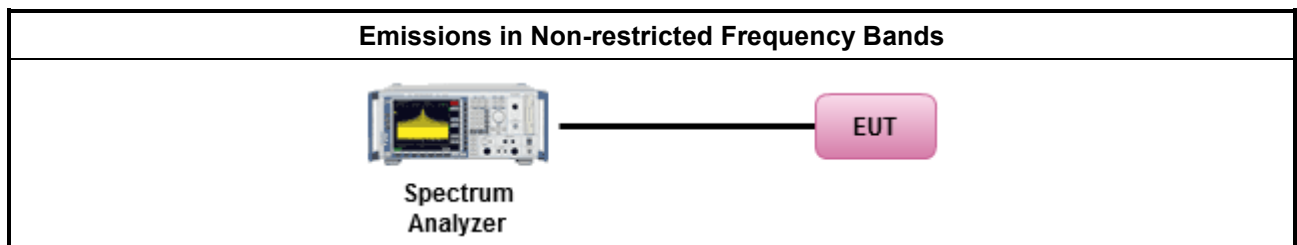
3.5.2 Measuring Instruments

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

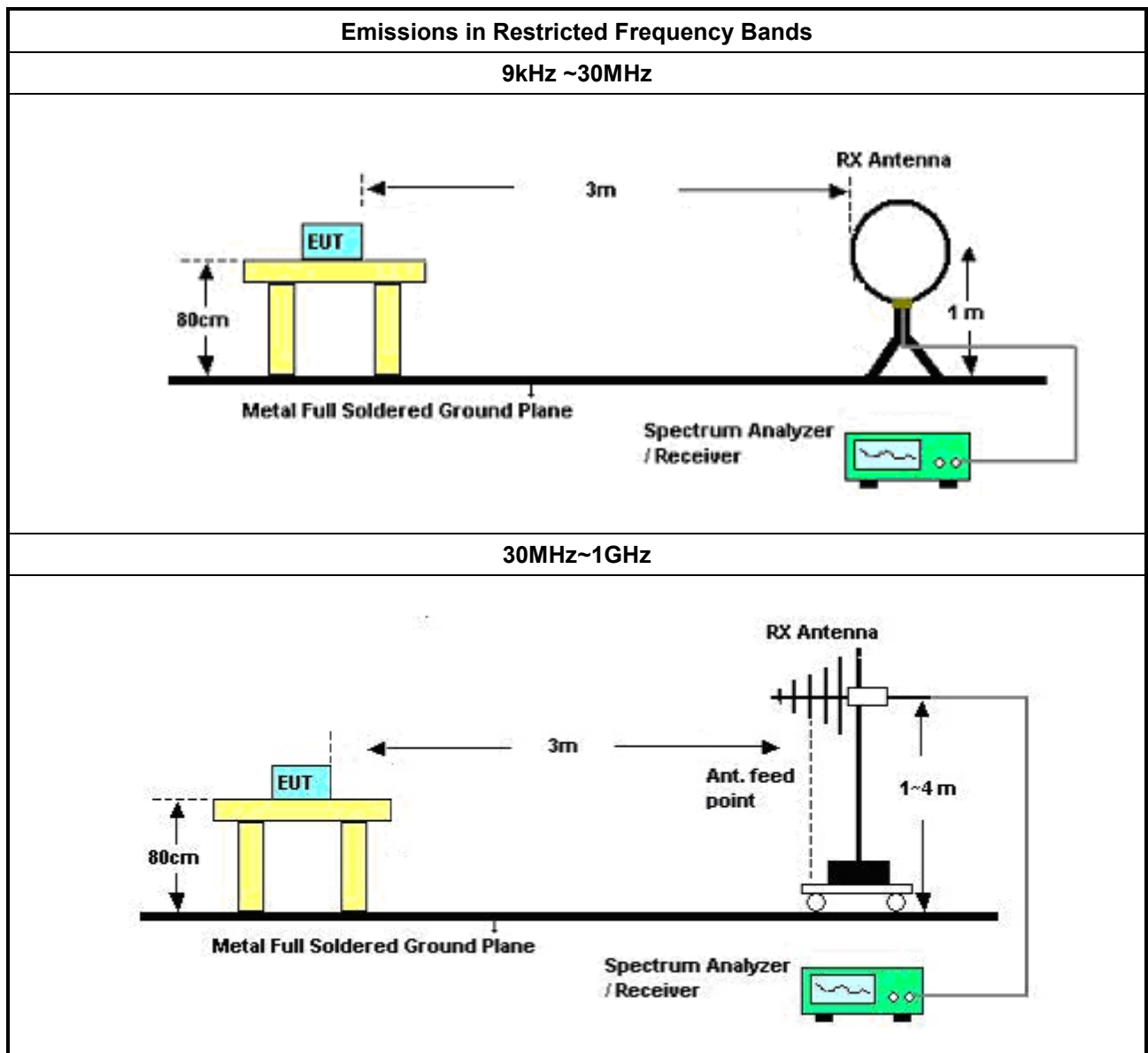
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

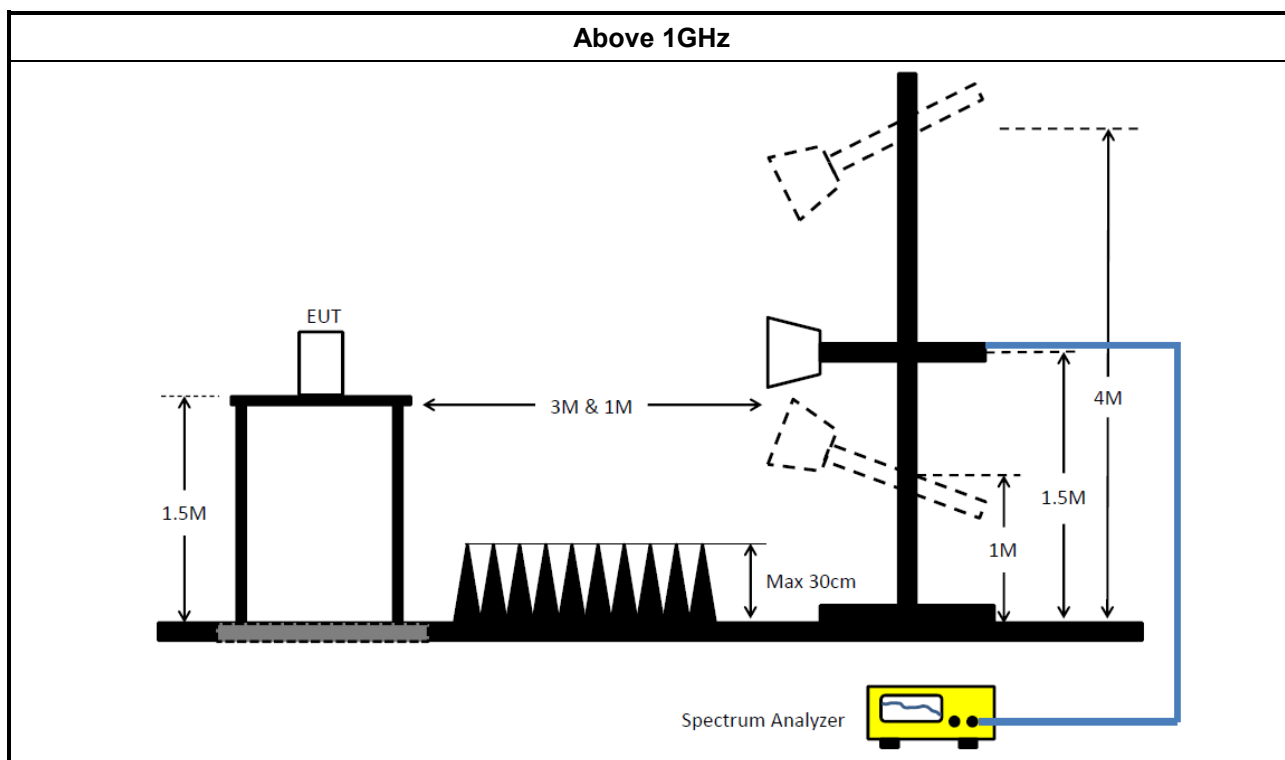
3.6.4 Measurement Results Calculation

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	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15247_DTS	Sporton	V5.11.23	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	16/Aug/2024	15/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
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	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	01/Oct/2024	30/Sep/2025
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (Co-Location)

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



Conducted Emissions at Powerline _Non-Beamforming_Radio 1_Dipole

Appendix A.1

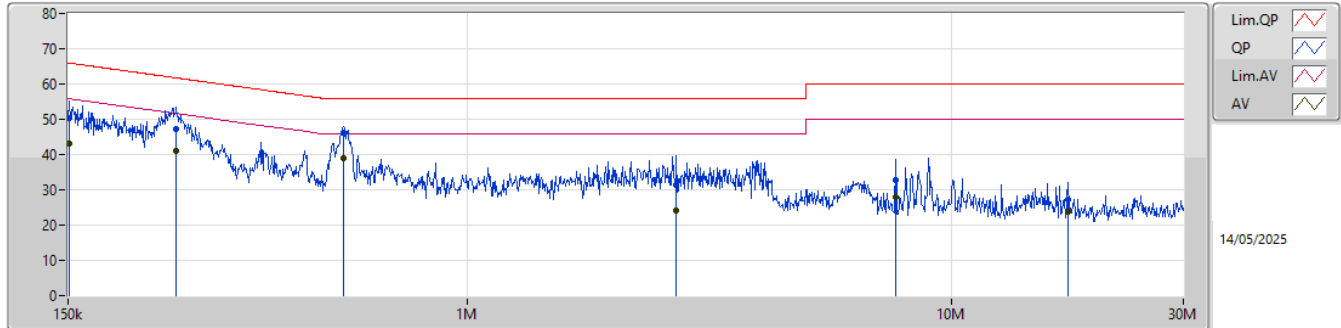
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	555.583k	38.87	46.00	-7.13	Line

Result

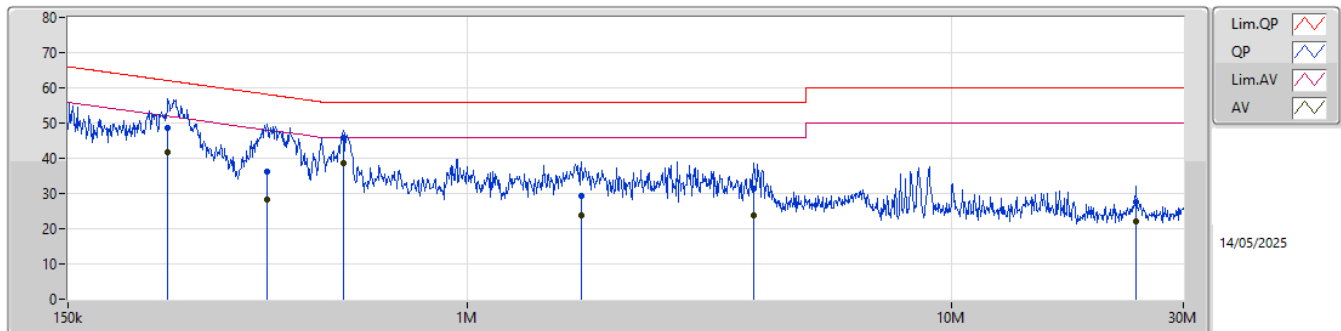
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	50.47	65.96	-15.49	Line
Mode 1	Pass	AV	150.6k	43.26	55.96	-12.70	Line
Mode 1	Pass	QP	251.038k	47.40	61.72	-14.32	Line
Mode 1	Pass	AV	251.038k	41.08	51.72	-10.64	Line
Mode 1	Pass	QP	555.583k	46.12	56.00	-9.88	Line
Mode 1	Pass	AV	555.583k	38.87	46.00	-7.13	Line
Mode 1	Pass	QP	2.7M	31.48	56.00	-24.52	Line
Mode 1	Pass	AV	2.7M	24.26	46.00	-21.74	Line
Mode 1	Pass	QP	7.652M	32.69	60.00	-27.31	Line
Mode 1	Pass	AV	7.652M	28.01	50.00	-21.99	Line
Mode 1	Pass	QP	17.346M	27.18	60.00	-32.82	Line
Mode 1	Pass	AV	17.346M	23.77	50.00	-26.23	Line
Mode 1	Pass	QP	241.214k	48.68	62.06	-13.38	Neutral
Mode 1	Pass	AV	241.214k	41.87	52.06	-10.19	Neutral
Mode 1	Pass	QP	386.35k	36.28	58.14	-21.86	Neutral
Mode 1	Pass	AV	386.35k	28.11	48.14	-20.03	Neutral
Mode 1	Pass	QP	555.583k	45.70	56.00	-10.30	Neutral
Mode 1	Pass	AV	555.583k	38.49	46.00	-7.51	Neutral
Mode 1	Pass	QP	1.719M	29.34	56.00	-26.66	Neutral
Mode 1	Pass	AV	1.719M	23.67	46.00	-22.33	Neutral
Mode 1	Pass	QP	3.898M	31.40	56.00	-24.60	Neutral
Mode 1	Pass	AV	3.898M	23.89	46.00	-22.11	Neutral
Mode 1	Pass	QP	23.968M	27.43	60.00	-32.57	Neutral
Mode 1	Pass	AV	23.968M	22.21	50.00	-27.79	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	150.6k	50.47	65.96	-15.49	19.61	Line	-	30.86	9.63	0.01	9.97								
AV	150.6k	43.26	55.96	-12.70	19.61	Line	-	23.65	9.63	0.01	9.97								
QP	251.038k	47.40	61.72	-14.32	19.62	Line	-	27.78	9.63	0.02	9.97								
AV	251.038k	41.08	51.72	-10.64	19.62	Line	-	21.46	9.63	0.02	9.97								
QP	555.583k	46.12	56.00	-9.88	19.65	Line	-	26.47	9.63	0.04	9.98								
AV	555.583k	38.87	46.00	-7.13	19.65	Line	-	19.22	9.63	0.04	9.98								
QP	2.7M	31.48	56.00	-24.52	19.67	Line	-	11.81	9.66	0.04	9.97								
AV	2.7M	24.26	46.00	-21.74	19.67	Line	-	4.59	9.66	0.04	9.97								
QP	7.652M	32.69	60.00	-27.31	19.91	Line	-	12.78	9.75	0.18	9.98								
AV	7.652M	28.01	50.00	-21.99	19.91	Line	-	8.10	9.75	0.18	9.98								
QP	17.346M	27.18	60.00	-32.82	20.05	Line	-	7.13	9.79	0.28	9.98								
AV	17.346M	23.77	50.00	-26.23	20.05	Line	-	3.72	9.79	0.28	9.98								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	241.214k	48.68	62.06	-13.38	19.71	Neutral	-	28.97	9.72	0.02	9.97								
AV	241.214k	41.87	52.06	-10.19	19.71	Neutral	-	22.16	9.72	0.02	9.97								
QP	386.35k	36.28	58.14	-21.86	19.72	Neutral	-	16.56	9.71	0.03	9.98								
AV	386.35k	28.11	48.14	-20.03	19.72	Neutral	-	8.39	9.71	0.03	9.98								
QP	555.583k	45.70	56.00	-10.30	19.73	Neutral	-	25.97	9.71	0.04	9.98								
AV	555.583k	38.49	46.00	-7.51	19.73	Neutral	-	18.76	9.71	0.04	9.98								
QP	1.719M	29.34	56.00	-26.66	19.74	Neutral	-	9.60	9.74	0.03	9.97								
AV	1.719M	23.67	46.00	-22.33	19.74	Neutral	-	3.93	9.74	0.03	9.97								
QP	3.898M	31.40	56.00	-24.60	19.82	Neutral	-	11.58	9.79	0.05	9.98								
AV	3.898M	23.89	46.00	-22.11	19.82	Neutral	-	4.07	9.79	0.05	9.98								
QP	23.968M	27.43	60.00	-32.57	20.46	Neutral	-	6.97	10.15	0.32	9.99								
AV	23.968M	22.21	50.00	-27.79	20.46	Neutral	-	1.75	10.15	0.32	9.99								



Conducted Emissions at Powerline _Non-Beamforming_Radio 1_Patch

Appendix A.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	557.805k	39.59	46.00	-6.41	Line



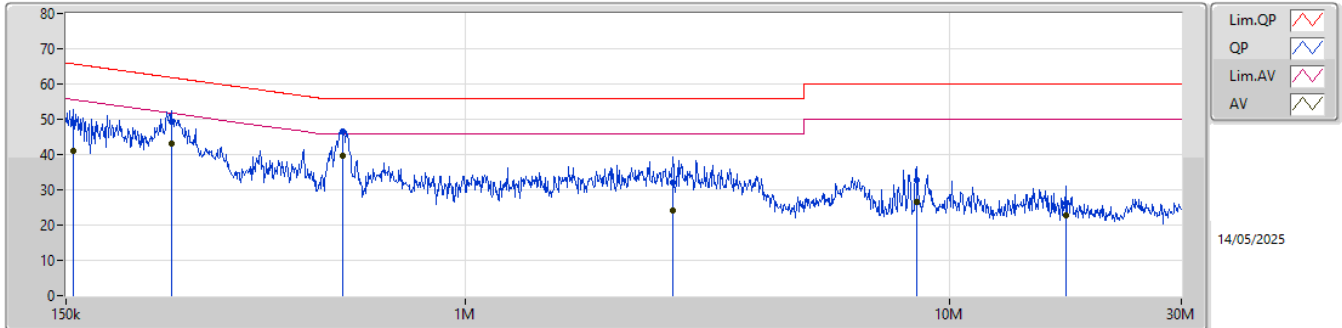
**Conducted Emissions at Powerline
_Non-Beamforming_Radio 1_Patch**

Appendix A.2

Result

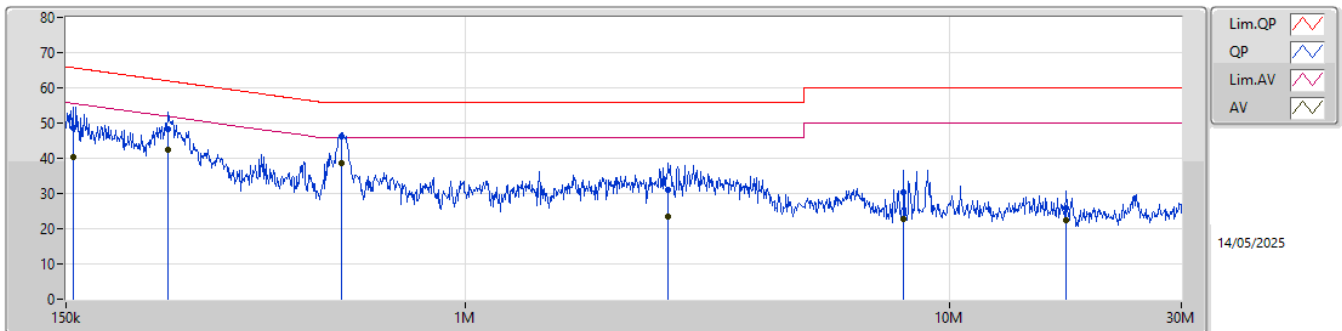
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.868k	48.84	65.73	-16.89	Line
Mode 1	Pass	AV	154.868k	40.96	55.73	-14.77	Line
Mode 1	Pass	QP	247.062k	49.20	61.85	-12.65	Line
Mode 1	Pass	AV	247.062k	43.16	51.85	-8.69	Line
Mode 1	Pass	QP	557.805k	46.54	56.00	-9.46	Line
Mode 1	Pass	AV	557.805k	39.59	46.00	-6.41	Line
Mode 1	Pass	QP	2.678M	32.19	56.00	-23.81	Line
Mode 1	Pass	AV	2.678M	24.17	46.00	-21.83	Line
Mode 1	Pass	QP	8.523M	32.78	60.00	-27.22	Line
Mode 1	Pass	AV	8.523M	26.64	50.00	-23.36	Line
Mode 1	Pass	QP	17.346M	26.10	60.00	-33.90	Line
Mode 1	Pass	AV	17.346M	22.67	50.00	-27.33	Line
Mode 1	Pass	QP	154.868k	48.55	65.73	-17.18	Neutral
Mode 1	Pass	AV	154.868k	40.25	55.73	-15.48	Neutral
Mode 1	Pass	QP	244.12k	48.32	61.95	-13.63	Neutral
Mode 1	Pass	AV	244.12k	42.42	51.95	-9.53	Neutral
Mode 1	Pass	QP	555.583k	46.09	56.00	-9.91	Neutral
Mode 1	Pass	AV	555.583k	38.78	46.00	-7.22	Neutral
Mode 1	Pass	QP	2.625M	31.10	56.00	-24.90	Neutral
Mode 1	Pass	AV	2.625M	23.43	46.00	-22.57	Neutral
Mode 1	Pass	QP	8.028M	30.22	60.00	-29.78	Neutral
Mode 1	Pass	AV	8.028M	22.71	50.00	-27.29	Neutral
Mode 1	Pass	QP	17.346M	25.84	60.00	-34.16	Neutral
Mode 1	Pass	AV	17.346M	22.44	50.00	-27.56	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.868k	48.84	65.73	-16.89	19.61	Line	-	29.23	9.63	0.01	9.97						
AV	154.868k	40.96	55.73	-14.77	19.61	Line	-	21.35	9.63	0.01	9.97						
QP	247.062k	49.20	61.85	-12.65	19.62	Line	-	29.58	9.63	0.02	9.97						
AV	247.062k	43.16	51.85	-8.69	19.62	Line	-	23.54	9.63	0.02	9.97						
QP	557.805k	46.54	56.00	-9.46	19.65	Line	-	26.89	9.63	0.04	9.98						
AV	557.805k	39.59	46.00	-6.41	19.65	Line	-	19.94	9.63	0.04	9.98						
QP	2.678M	32.19	56.00	-23.81	19.67	Line	-	12.52	9.66	0.04	9.97						
AV	2.678M	24.17	46.00	-21.83	19.67	Line	-	4.50	9.66	0.04	9.97						
QP	8.523M	32.78	60.00	-27.22	19.95	Line	-	12.83	9.76	0.21	9.98						
AV	8.523M	26.64	50.00	-23.36	19.95	Line	-	6.69	9.76	0.21	9.98						
QP	17.346M	26.10	60.00	-33.90	20.05	Line	-	6.05	9.79	0.28	9.98						
AV	17.346M	22.67	50.00	-27.33	20.05	Line	-	2.62	9.79	0.28	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.868k	48.55	65.73	-17.18	19.71	Neutral	-	28.84	9.73	0.01	9.97						
AV	154.868k	40.25	55.73	-15.48	19.71	Neutral	-	20.54	9.73	0.01	9.97						
QP	244.12k	48.32	61.95	-13.63	19.71	Neutral	-	28.61	9.72	0.02	9.97						
AV	244.12k	42.42	51.95	-9.53	19.71	Neutral	-	22.71	9.72	0.02	9.97						
QP	555.583k	46.09	56.00	-9.91	19.73	Neutral	-	26.36	9.71	0.04	9.98						
AV	555.583k	38.78	46.00	-7.22	19.73	Neutral	-	19.05	9.71	0.04	9.98						
QP	2.625M	31.10	56.00	-24.90	19.77	Neutral	-	11.33	9.76	0.04	9.97						
AV	2.625M	23.43	46.00	-22.57	19.77	Neutral	-	3.66	9.76	0.04	9.97						
QP	8.028M	30.22	60.00	-29.78	20.09	Neutral	-	10.13	9.92	0.19	9.98						
AV	8.028M	22.71	50.00	-27.29	20.09	Neutral	-	2.62	9.92	0.19	9.98						
QP	17.346M	25.84	60.00	-34.16	20.32	Neutral	-	5.52	10.06	0.28	9.98						
AV	17.346M	22.44	50.00	-27.56	20.32	Neutral	-	2.12	10.06	0.28	9.98						



Conducted Emissions at Powerline _Non-Beamforming_Radio 1_Scan

Appendix A.3

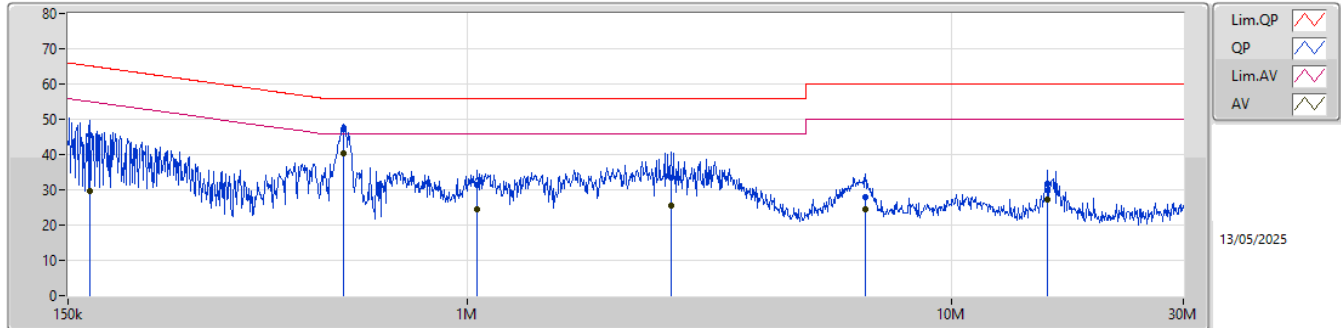
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	555.583k	40.19	46.00	-5.81	Line

Result

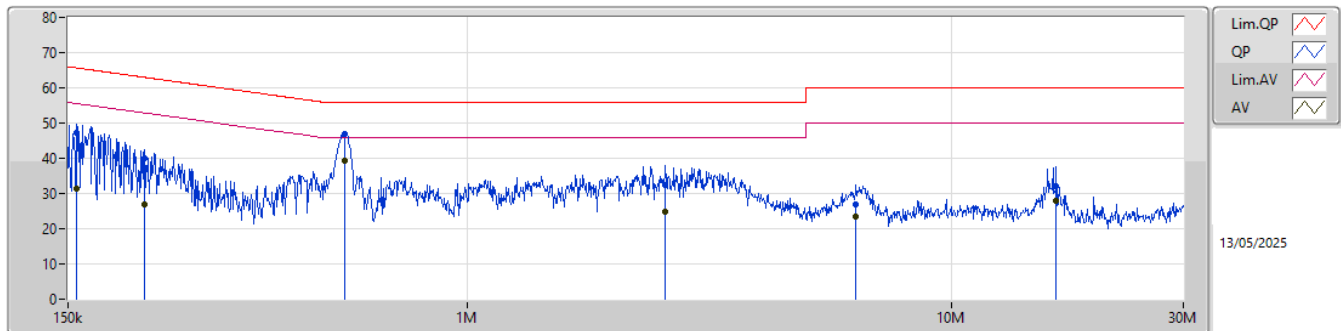
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	166.406k	45.64	65.14	-19.50	Line
Mode 1	Pass	AV	166.406k	29.72	55.14	-25.42	Line
Mode 1	Pass	QP	555.583k	47.12	56.00	-8.88	Line
Mode 1	Pass	AV	555.583k	40.19	46.00	-5.81	Line
Mode 1	Pass	QP	1.048M	31.44	56.00	-24.56	Line
Mode 1	Pass	AV	1.048M	24.60	46.00	-21.40	Line
Mode 1	Pass	QP	2.636M	33.62	56.00	-22.38	Line
Mode 1	Pass	AV	2.636M	25.48	46.00	-20.52	Line
Mode 1	Pass	QP	6.628M	27.97	60.00	-32.03	Line
Mode 1	Pass	AV	6.628M	24.59	50.00	-25.41	Line
Mode 1	Pass	QP	15.762M	31.67	60.00	-28.33	Line
Mode 1	Pass	AV	15.762M	27.28	50.00	-22.72	Line
Mode 1	Pass	QP	156.109k	47.11	65.67	-18.56	Neutral
Mode 1	Pass	AV	156.109k	31.36	55.67	-24.31	Neutral
Mode 1	Pass	QP	215.704k	39.92	62.98	-23.06	Neutral
Mode 1	Pass	AV	215.704k	26.96	52.98	-26.02	Neutral
Mode 1	Pass	QP	557.805k	46.80	56.00	-9.20	Neutral
Mode 1	Pass	AV	557.805k	39.48	46.00	-6.52	Neutral
Mode 1	Pass	QP	2.563M	32.53	56.00	-23.47	Neutral
Mode 1	Pass	AV	2.563M	24.97	46.00	-21.03	Neutral
Mode 1	Pass	QP	6.343M	26.91	60.00	-33.09	Neutral
Mode 1	Pass	AV	6.343M	23.55	50.00	-26.45	Neutral
Mode 1	Pass	QP	16.404M	32.21	60.00	-27.79	Neutral
Mode 1	Pass	AV	16.404M	27.88	50.00	-22.12	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	166.406k	45.64	65.14	-19.50	19.61	Line	-	26.03	9.63	0.01	9.97						
AV	166.406k	29.72	55.14	-25.42	19.61	Line	-	10.11	9.63	0.01	9.97						
QP	555.583k	47.12	56.00	-8.88	19.65	Line	-	27.47	9.63	0.04	9.98						
AV	555.583k	40.19	46.00	-5.81	19.65	Line	-	20.54	9.63	0.04	9.98						
QP	1.048M	31.44	56.00	-24.56	19.67	Line	-	11.77	9.64	0.05	9.98						
AV	1.048M	24.60	46.00	-21.40	19.67	Line	-	4.93	9.64	0.05	9.98						
QP	2.636M	33.62	56.00	-22.38	19.67	Line	-	13.95	9.66	0.04	9.97						
AV	2.636M	25.48	46.00	-20.52	19.67	Line	-	5.81	9.66	0.04	9.97						
QP	6.628M	27.97	60.00	-32.03	19.86	Line	-	8.11	9.73	0.15	9.98						
AV	6.628M	24.59	50.00	-25.41	19.86	Line	-	4.73	9.73	0.15	9.98						
QP	15.762M	31.67	60.00	-28.33	20.05	Line	-	11.62	9.79	0.28	9.98						
AV	15.762M	27.28	50.00	-22.72	20.05	Line	-	7.23	9.79	0.28	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	156.109k	47.11	65.67	-18.56	19.71	Neutral	-	27.40	9.73	0.01	9.97						
AV	156.109k	31.36	55.67	-24.31	19.71	Neutral	-	11.65	9.73	0.01	9.97						
QP	215.704k	39.92	62.98	-23.06	19.70	Neutral	-	20.22	9.72	0.01	9.97						
AV	215.704k	26.96	52.98	-26.02	19.70	Neutral	-	7.26	9.72	0.01	9.97						
QP	557.805k	46.80	56.00	-9.20	19.73	Neutral	-	27.07	9.71	0.04	9.98						
AV	557.805k	39.48	46.00	-6.52	19.73	Neutral	-	19.75	9.71	0.04	9.98						
QP	2.563M	32.53	56.00	-23.47	19.77	Neutral	-	12.76	9.76	0.04	9.97						
AV	2.563M	24.97	46.00	-21.03	19.77	Neutral	-	5.20	9.76	0.04	9.97						
QP	6.343M	26.91	60.00	-33.09	20.01	Neutral	-	6.90	9.88	0.15	9.98						
AV	6.343M	23.55	50.00	-26.45	20.01	Neutral	-	3.54	9.88	0.15	9.98						
QP	16.404M	32.21	60.00	-27.79	20.31	Neutral	-	11.90	10.05	0.28	9.98						
AV	16.404M	27.88	50.00	-22.12	20.31	Neutral	-	7.57	10.05	0.28	9.98						

**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	7.1M	14.543M	14M5G1D	6.1M	11.139M
802.11g_Nss1,(6Mbps)_1TX	16.45M	24.936M	24M9D1D	16.425M	16.778M
802.11be EHT20_Nss1,(MCS0)_1TX	19.15M	25.587M	25M6D1D	19.05M	19.14M

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	7.1M	11.139M
2437MHz	Pass	500k	7.05M	14.543M
2462MHz	Pass	500k	6.1M	12.309M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.45M	17.503M
2437MHz	Pass	500k	16.425M	24.936M
2462MHz	Pass	500k	16.45M	16.778M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	19.1M	19.415M
2437MHz	Pass	500k	19.05M	25.587M
2462MHz	Pass	500k	19.15M	19.14M

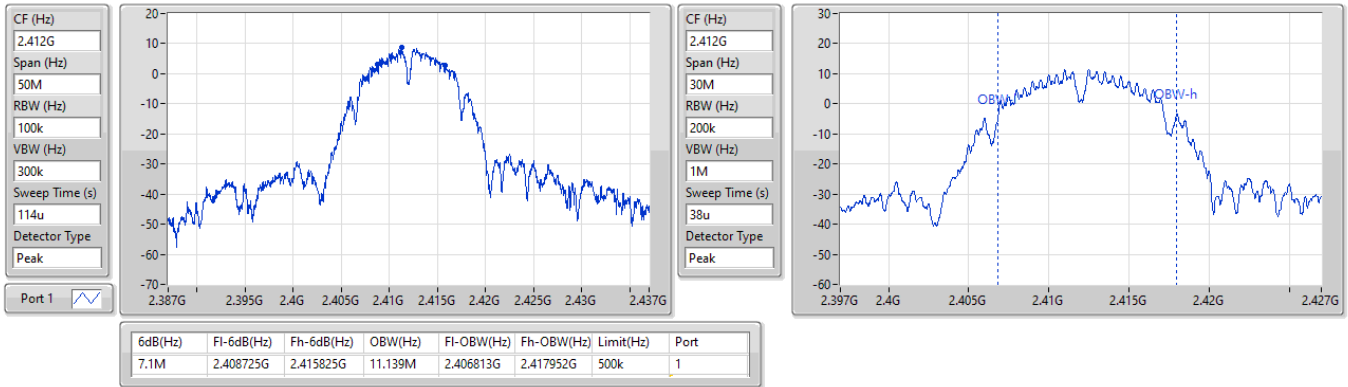
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

13/05/2025

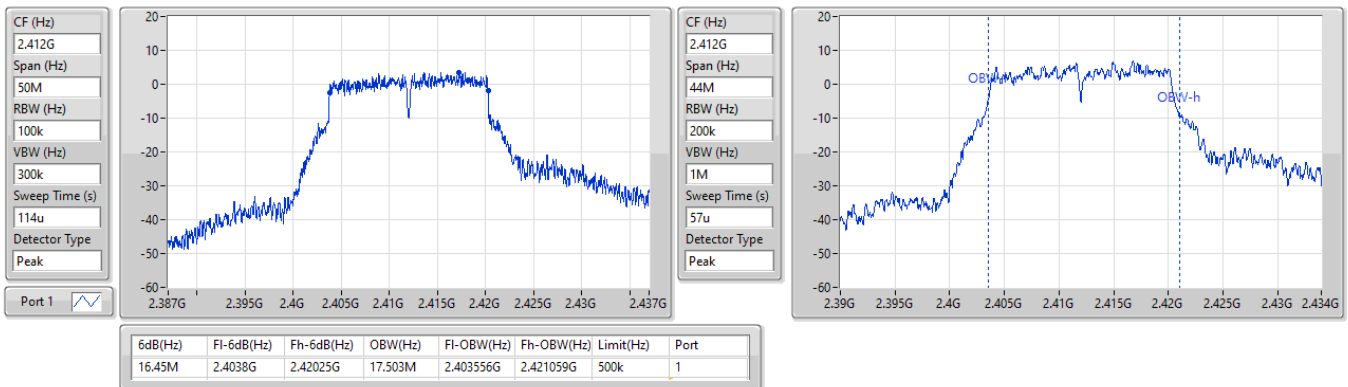


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

13/05/2025

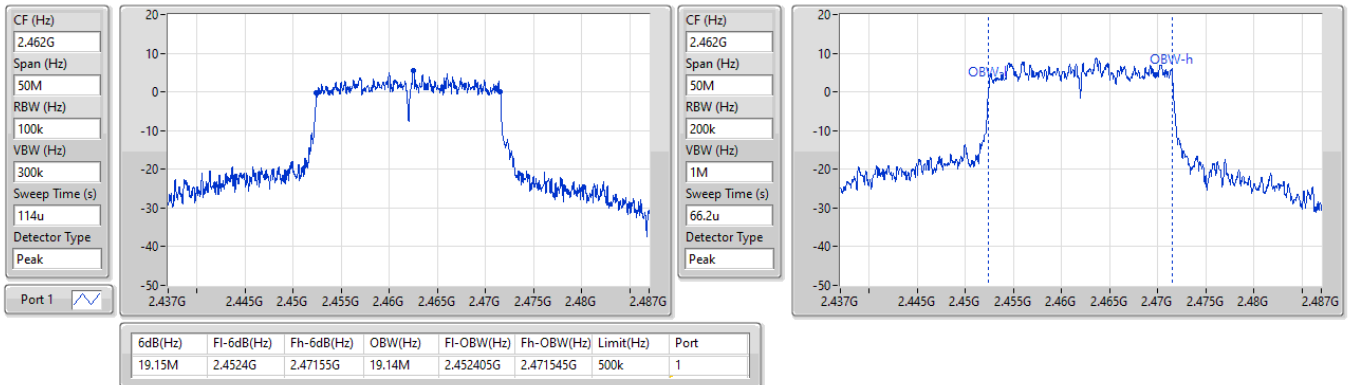


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

2462MHz

13/05/2025



**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	7.3M	13.013M	13M0G1D	6.1M	10.3M
802.11g_Nss1,(6Mbps)_2TX	16.475M	20.45M	20M5D1D	16.4M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	19.125M	19.39M	19M4D1D	18.75M	18.991M

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	6.55M	10.33M	7.3M	10.315M
2437MHz	Pass	500k	6.575M	12.234M	7.075M	13.013M
2462MHz	Pass	500k	6.1M	10.39M	7.075M	10.3M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.475M	17.107M	16.4M	16.976M
2437MHz	Pass	500k	16.45M	20.45M	16.425M	17.679M
2462MHz	Pass	500k	16.45M	16.646M	16.45M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.05M	19.14M	19.1M	19.115M
2437MHz	Pass	500k	18.75M	19.39M	19.125M	19.04M
2462MHz	Pass	500k	19.075M	19.015M	19.025M	18.991M

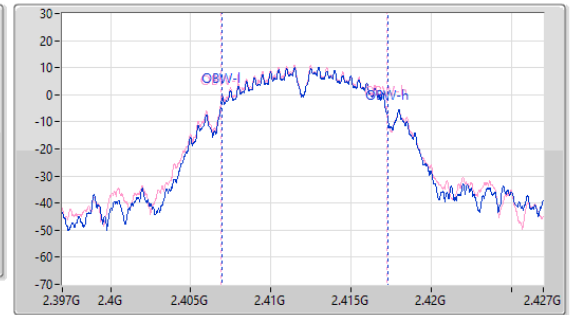
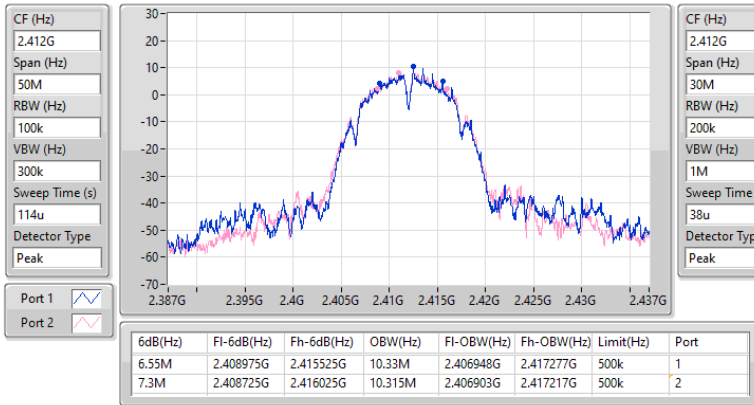
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

13/05/2025

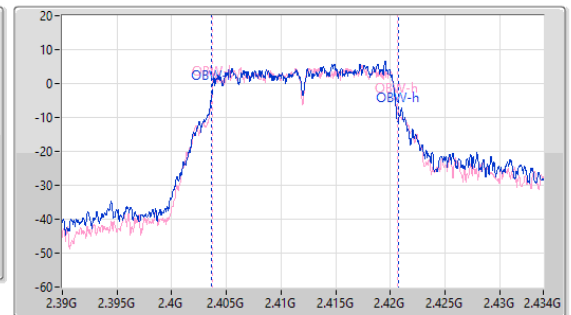
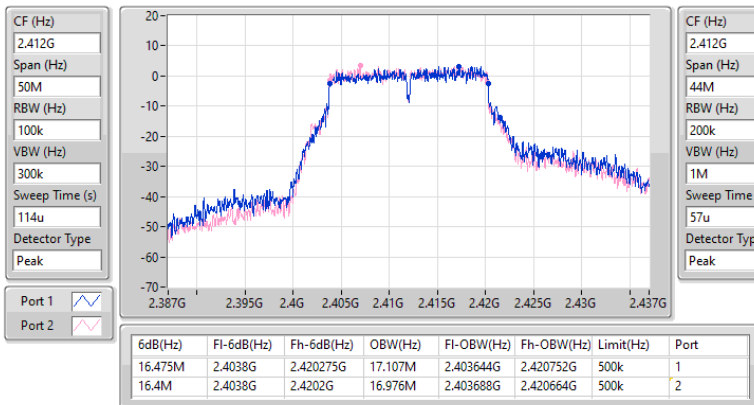


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

13/05/2025

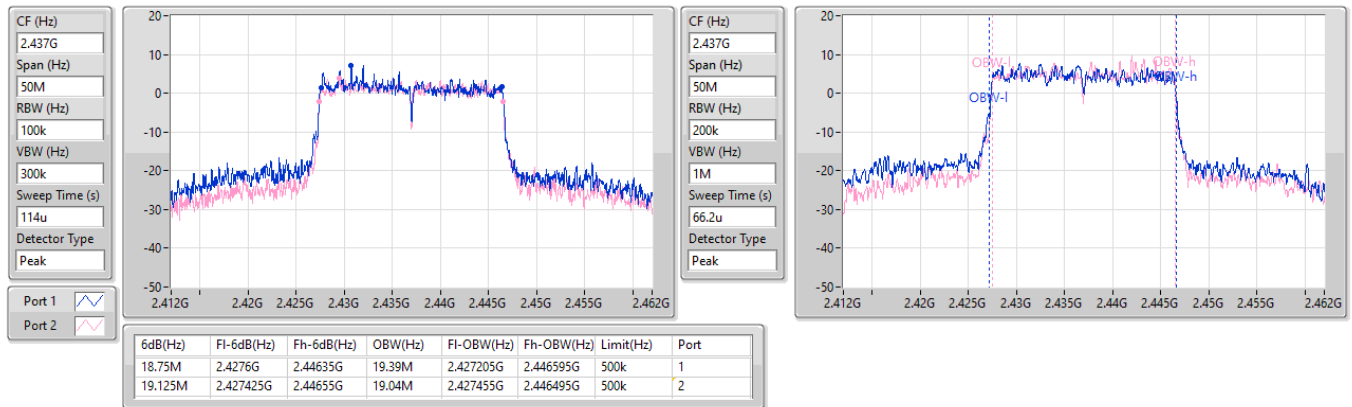


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

13/05/2025



**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	19.15M	19.34M	19M3D1D	18.35M	19.04M

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	19.025M	19.04M	18.975M	19.065M
2437MHz	Pass	500k	19.15M	19.19M	18.35M	19.04M
2462MHz	Pass	500k	19.075M	19.09M	19.15M	19.34M

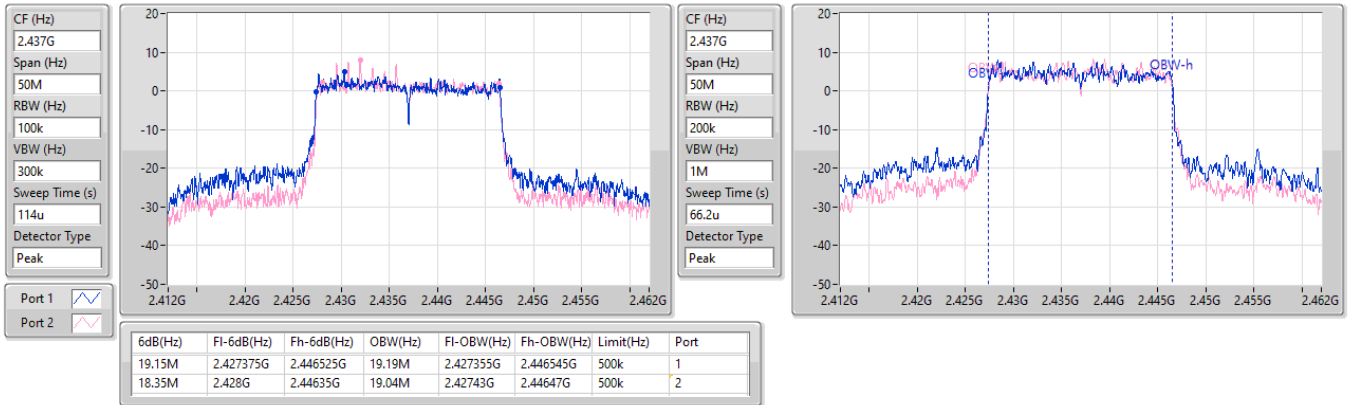
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

13/05/2025



**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)_1TX	7.15M	10.645M	10M6G1D	6.125M	10.21M
802.11g_Nss1,(6Mbps)_1TX	16.5M	16.954M	17M0D1D	16.4M	16.624M
802.11be EHT20_Nss1,(MCS0)_1TX	19.075M	19.14M	19M1D1D	19.025M	18.991M

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	7.05M	10.465M
2437MHz	Pass	500k	6.125M	10.645M
2462MHz	Pass	500k	7.15M	10.21M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.45M	16.932M
2437MHz	Pass	500k	16.4M	16.624M
2462MHz	Pass	500k	16.5M	16.954M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	19.025M	19.14M
2437MHz	Pass	500k	19.075M	19.115M
2462MHz	Pass	500k	19.025M	18.991M

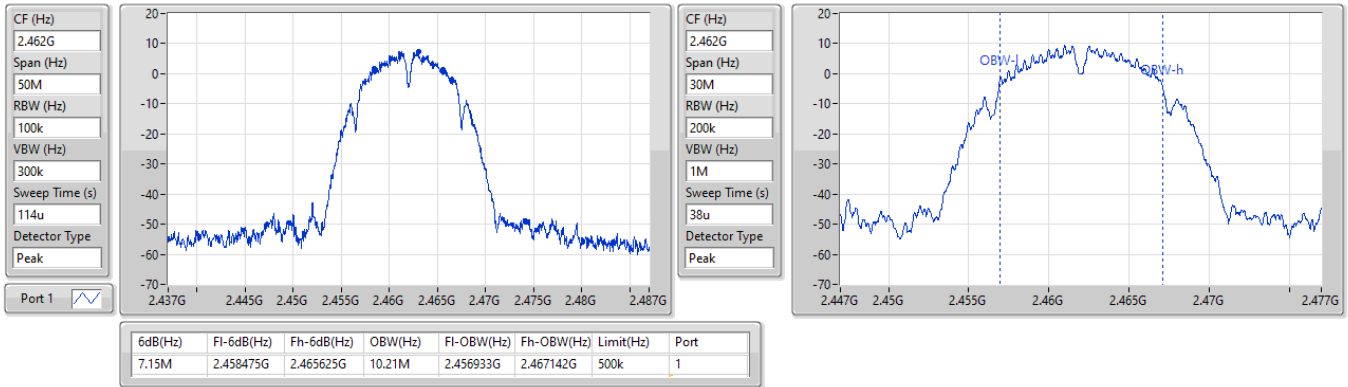
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

13/05/2025

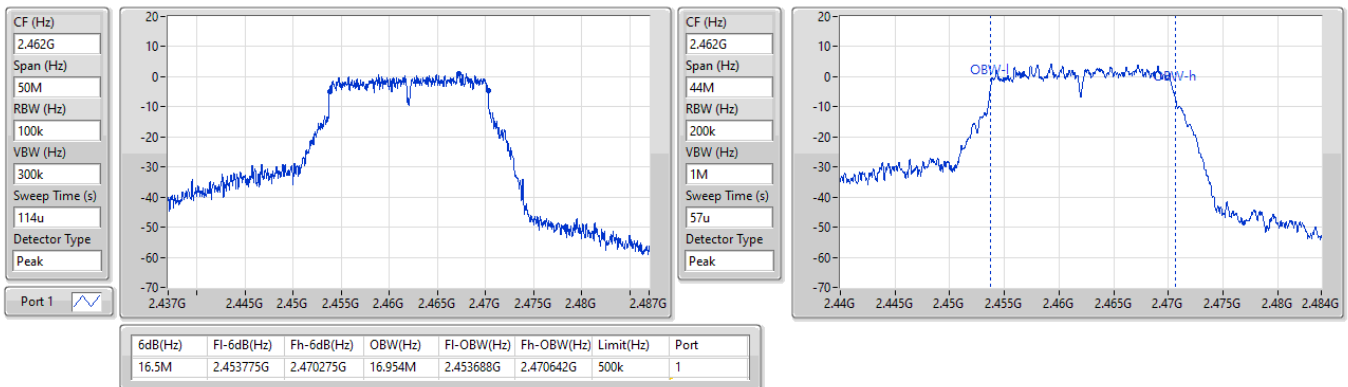


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

13/05/2025

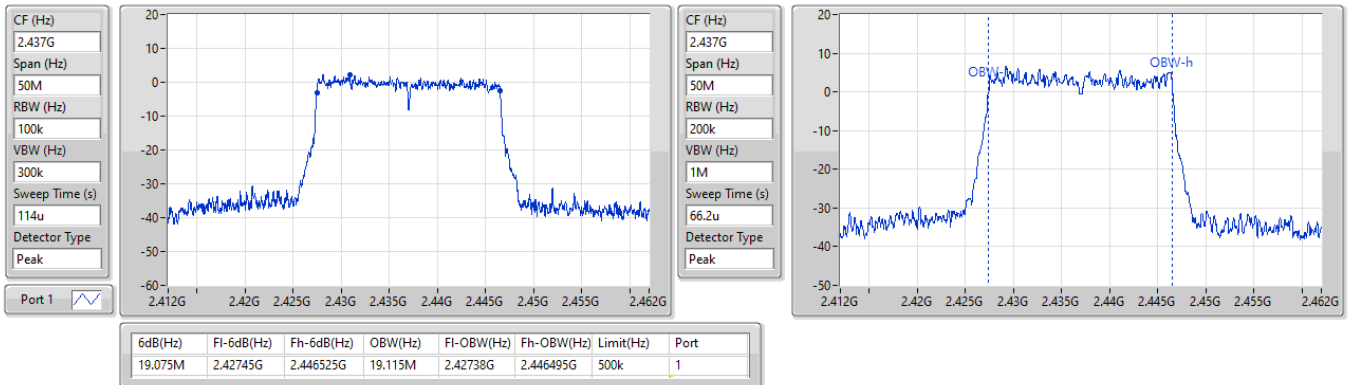


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

2437MHz

13/05/2025



**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	7.55M	10.315M	10M3G1D	6.25M	10.195M
802.11g_Nss1,(6Mbps)_2TX	16.475M	17.107M	17M1D1D	15.675M	16.844M
802.11be EHT20_Nss1,(MCS0)_2TX	19.1M	19.19M	19M2D1D	17.025M	18.941M

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	7.3M	10.315M	6.25M	10.24M
2437MHz	Pass	500k	6.575M	10.225M	6.375M	10.225M
2462MHz	Pass	500k	7.075M	10.195M	7.55M	10.225M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.675M	17.019M	16.45M	17.107M
2437MHz	Pass	500k	16.475M	16.976M	16.425M	16.91M
2462MHz	Pass	500k	16.4M	16.844M	16.4M	16.866M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	18.966M	17.325M	19.19M
2437MHz	Pass	500k	19.075M	19.14M	19.075M	18.991M
2462MHz	Pass	500k	17.025M	19.14M	19.075M	18.941M

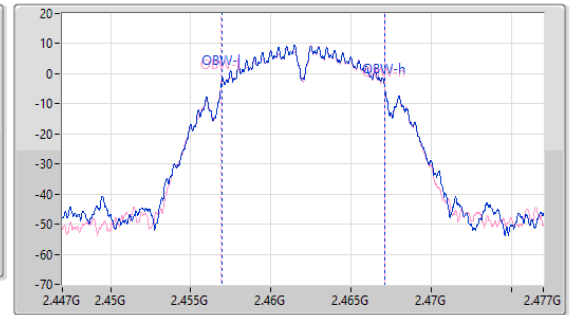
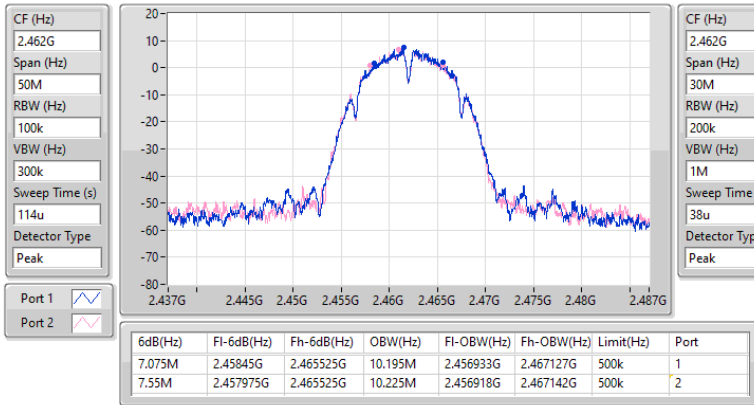
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

13/05/2025

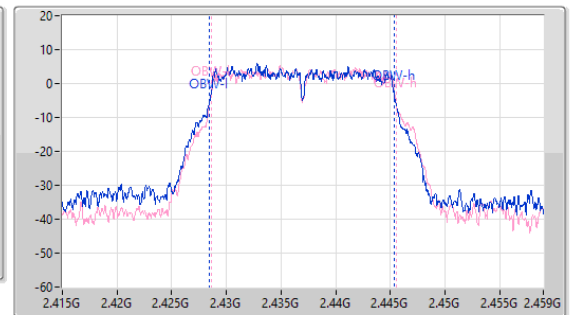
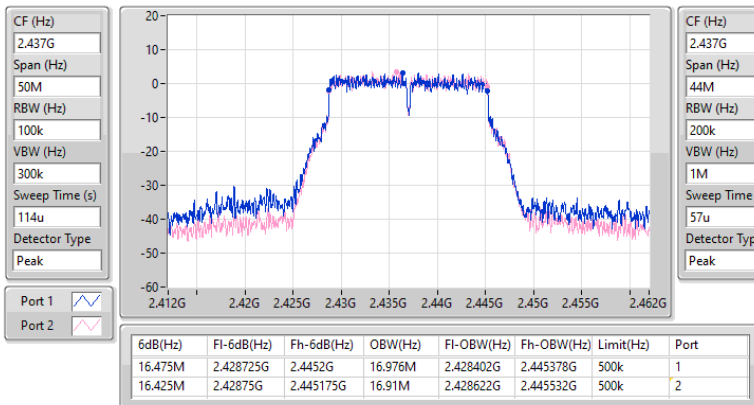


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

13/05/2025

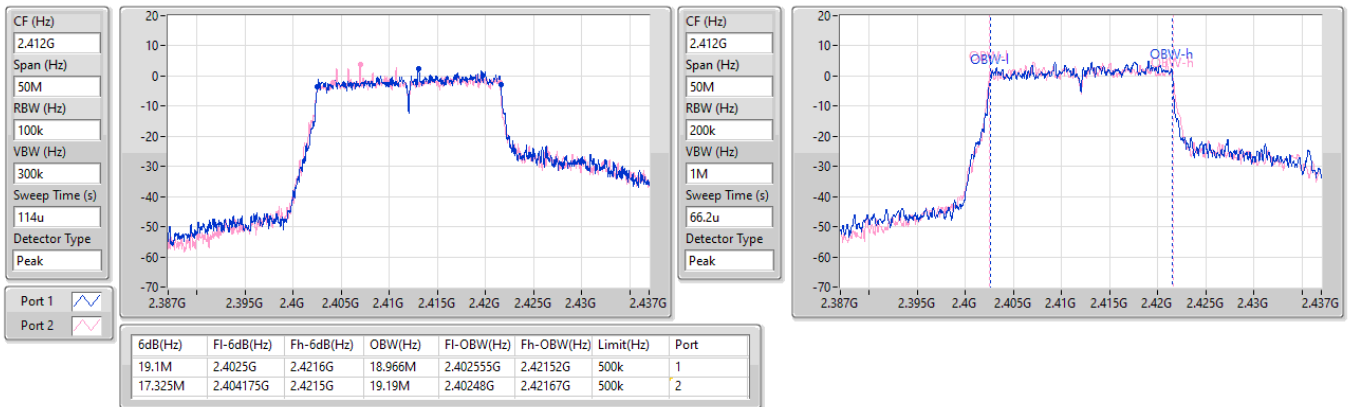


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

13/05/2025



**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	19.15M	19.04M	19M0D1D	18.85M	18.941M

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	19.05M	19.04M	19.1M	19.04M
2437MHz	Pass	500k	18.85M	19.015M	19.15M	19.04M
2462MHz	Pass	500k	19M	18.941M	19.125M	19.04M

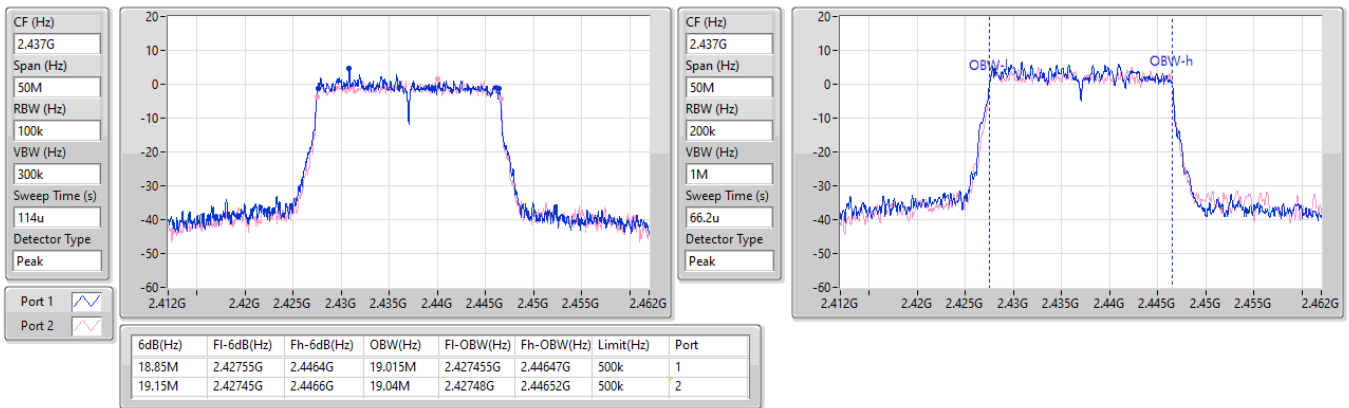
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

13/05/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
b20_Nss1,(1Mbps)_1TX	8.325M	13.913M	13M9G1D	8.075M	13.103M
g20_Nss1,(6Mbps)_1TX	16.45M	18.053M	18M1D1D	16.05M	16.668M

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)
b20_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.325M	13.133M
2437MHz	Pass	500k	8.075M	13.913M
2462MHz	Pass	500k	8.075M	13.103M
g20_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.05M	16.69M
2437MHz	Pass	500k	16.45M	18.053M
2462MHz	Pass	500k	16.45M	16.668M

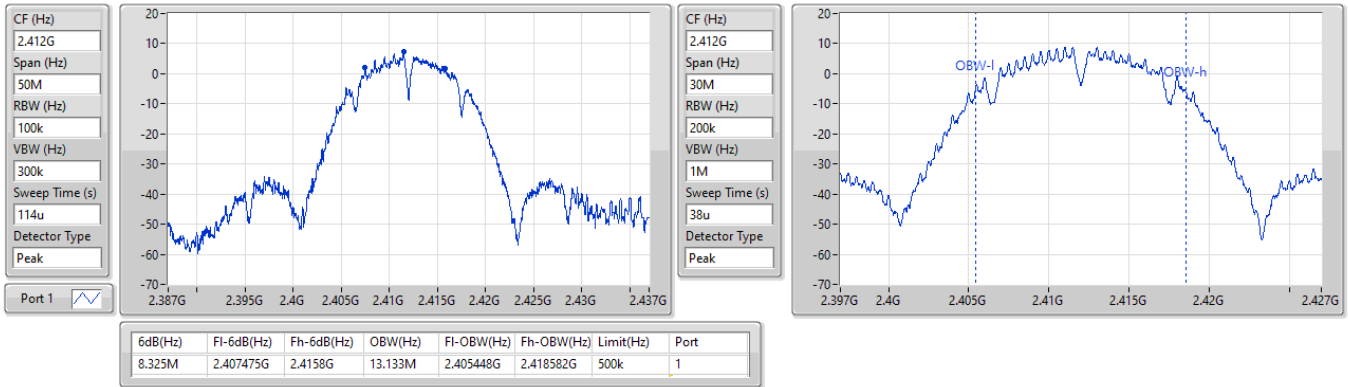
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_b20_Nss1,(1Mbps)_1TX

EBW

2412MHz

13/05/2025

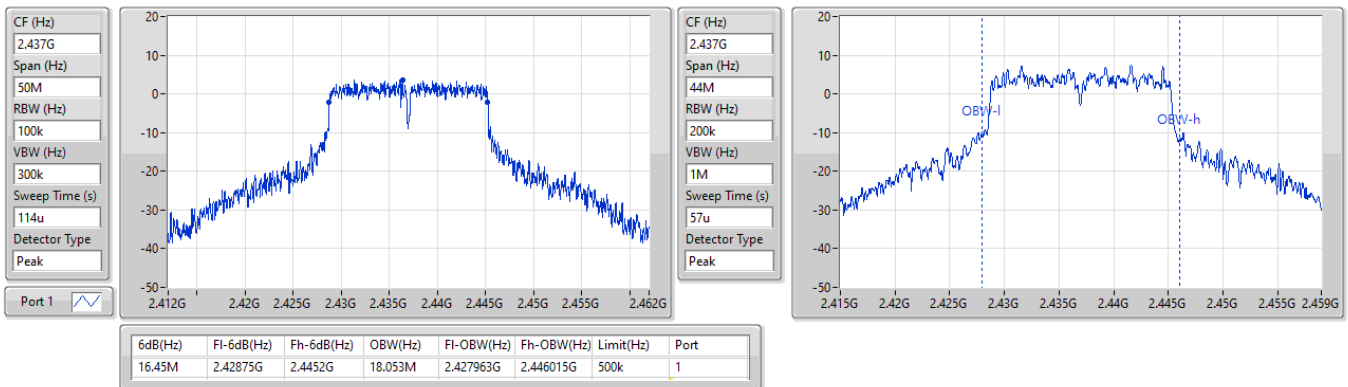


2.4-2.4835GHz_g20_Nss1,(6Mbps)_1TX

EBW

2437MHz

13/05/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.58	0.11429
802.11g_Nss1,(6Mbps)_1TX	19.92	0.09817
802.11be EHT20_Nss1,(MCS0)_1TX	19.80	0.09550



Average Power_Non-Beamforming_Radio 1_1T1S_Dipole

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.76	18.70	18.70	30.00
2417MHz	Pass	3.76	19.48	19.48	30.00
2437MHz	Pass	3.76	20.58	20.58	30.00
2457MHz	Pass	3.76	18.76	18.76	30.00
2462MHz	Pass	3.76	19.54	19.54	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.76	17.37	17.37	30.00
2417MHz	Pass	3.76	17.93	17.93	30.00
2437MHz	Pass	3.76	19.92	19.92	30.00
2457MHz	Pass	3.76	17.67	17.67	30.00
2462MHz	Pass	3.76	17.68	17.68	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.76	17.32	17.32	30.00
2417MHz	Pass	3.76	18.42	18.42	30.00
2437MHz	Pass	3.76	19.80	19.80	30.00
2457MHz	Pass	3.76	17.98	17.98	30.00
2462MHz	Pass	3.76	18.86	18.86	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	23.12	0.20512
802.11g_Nss1,(6Mbps)_2TX	22.25	0.16788
802.11be EHT20_Nss1,(MCS0)_2TX	21.95	0.15668



Average Power_Non-Beamforming_Radio 1_2T1S_Dipole

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	17.75	18.22	21.00	30.00
2417MHz	Pass	3.90	18.81	19.02	21.93	30.00
2437MHz	Pass	3.90	19.86	20.35	23.12	30.00
2457MHz	Pass	3.90	18.65	19.00	21.84	30.00
2462MHz	Pass	3.90	18.34	18.01	21.19	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	17.14	17.30	20.23	30.00
2417MHz	Pass	3.90	16.52	16.37	19.46	30.00
2437MHz	Pass	3.90	19.37	19.10	22.25	30.00
2457MHz	Pass	3.90	17.27	17.20	20.25	30.00
2462MHz	Pass	3.90	17.57	17.61	20.60	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	16.73	16.65	19.70	30.00
2417MHz	Pass	3.90	17.27	17.01	20.15	30.00
2437MHz	Pass	3.90	18.96	18.92	21.95	30.00
2457MHz	Pass	3.90	17.79	17.80	20.81	30.00
2462MHz	Pass	3.90	16.19	15.80	19.01	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	21.79	0.15101

**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	3.90	17.00	16.94	19.98	30.00
2417MHz	Pass	3.90	17.52	17.41	20.48	30.00
2437MHz	Pass	3.90	18.77	18.78	21.79	30.00
2457MHz	Pass	3.90	17.48	17.53	20.52	30.00
2462MHz	Pass	3.90	18.58	18.19	21.40	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)_1TX	18.85	0.07674
802.11g_Nss1,(6Mbps)_1TX	17.37	0.05458
802.11be EHT20_Nss1,(MCS0)_1TX	17.28	0.05346

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	11.14	18.05	18.05	24.86
2437MHz	Pass	11.14	18.85	18.85	24.86
2457MHz	Pass	11.14	17.97	17.97	24.86
2462MHz	Pass	11.14	16.84	16.84	24.86
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	11.14	16.19	16.19	24.86
2437MHz	Pass	11.14	17.37	17.37	24.86
2457MHz	Pass	11.14	16.34	16.34	24.86
2462MHz	Pass	11.14	15.17	15.17	24.86
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	11.14	16.26	16.26	24.86
2437MHz	Pass	11.14	17.28	17.28	24.86
2457MHz	Pass	11.14	17.28	17.28	24.86
2462MHz	Pass	11.14	14.81	14.81	24.86

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	21.17	0.13092
802.11g_Nss1,(6Mbps)_2TX	20.11	0.10257
802.11be EHT20_Nss1,(MCS0)_2TX	19.73	0.09397

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.28	17.26	17.79	20.54	24.72
2437MHz	Pass	11.28	18.21	18.11	21.17	24.72
2457MHz	Pass	11.28	17.21	17.70	20.47	24.72
2462MHz	Pass	11.28	16.72	16.40	19.57	24.72
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.28	15.88	15.69	18.80	24.72
2417MHz	Pass	11.28	12.92	12.57	15.76	24.72
2437MHz	Pass	11.28	17.04	17.16	20.11	24.72
2457MHz	Pass	11.28	16.05	16.08	19.08	24.72
2462MHz	Pass	11.28	14.39	14.26	17.34	24.72
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.28	15.82	15.83	18.84	24.72
2437MHz	Pass	11.28	16.77	16.66	19.73	24.72
2457MHz	Pass	11.28	15.79	15.91	18.86	24.72
2462MHz	Pass	11.28	13.80	13.81	16.82	24.72

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	19.53	0.08974

**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	11.28	15.58	15.44	18.52	24.72
2437MHz	Pass	11.28	16.66	16.37	19.53	24.72
2457MHz	Pass	11.28	15.76	15.76	18.77	24.72
2462MHz	Pass	11.28	13.18	12.87	16.04	24.72

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	-	-
b20_Nss1,(1Mbps)_1TX	20.74	0.11858
g20_Nss1,(6Mbps)_1TX	18.09	0.06442



Average Power_Non-Beamforming_Radio 1_Scan

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
b20_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.70	16.84	16.84	30.00
2417MHz	Pass	3.70	17.99	17.99	30.00
2437MHz	Pass	3.70	20.74	20.74	30.00
2457MHz	Pass	3.70	19.33	19.33	30.00
2462MHz	Pass	3.70	18.39	18.39	30.00
g20_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.70	14.84	14.84	30.00
2417MHz	Pass	3.70	15.16	15.16	30.00
2437MHz	Pass	3.70	18.09	18.09	30.00
2457MHz	Pass	3.70	14.65	14.65	30.00
2462MHz	Pass	3.70	14.10	14.10	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)_2TX	22.07	0.16106

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.84	16.84	16.76	19.81	29.16
2417MHz	Pass	6.84	17.42	17.16	20.30	29.16
2437MHz	Pass	6.84	19.08	19.04	22.07	29.16
2457MHz	Pass	6.84	17.93	17.94	20.95	29.16
2462MHz	Pass	6.84	16.32	15.93	19.14	29.16

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)_2TX	19.73	0.09397

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.22	15.82	15.83	18.84	21.78
2437MHz	Pass	14.22	16.77	16.66	19.73	21.78
2457MHz	Pass	14.22	15.79	15.91	18.86	21.78
2462MHz	Pass	14.22	13.80	13.81	16.82	21.78

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	-2.84
802.11g_Nss1,(6Mbps)_1TX	-6.25
802.11be EHT20_Nss1,(MCS0)_1TX	-6.72

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.76	-4.55	-4.55	8.00
2437MHz	Pass	3.76	-2.84	-2.84	8.00
2462MHz	Pass	3.76	-3.17	-3.17	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.76	-8.27	-8.27	8.00
2437MHz	Pass	3.76	-6.25	-6.25	8.00
2462MHz	Pass	3.76	-8.65	-8.65	8.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.76	-9.34	-9.34	8.00
2437MHz	Pass	3.76	-6.80	-6.80	8.00
2462MHz	Pass	3.76	-6.72	-6.72	8.00

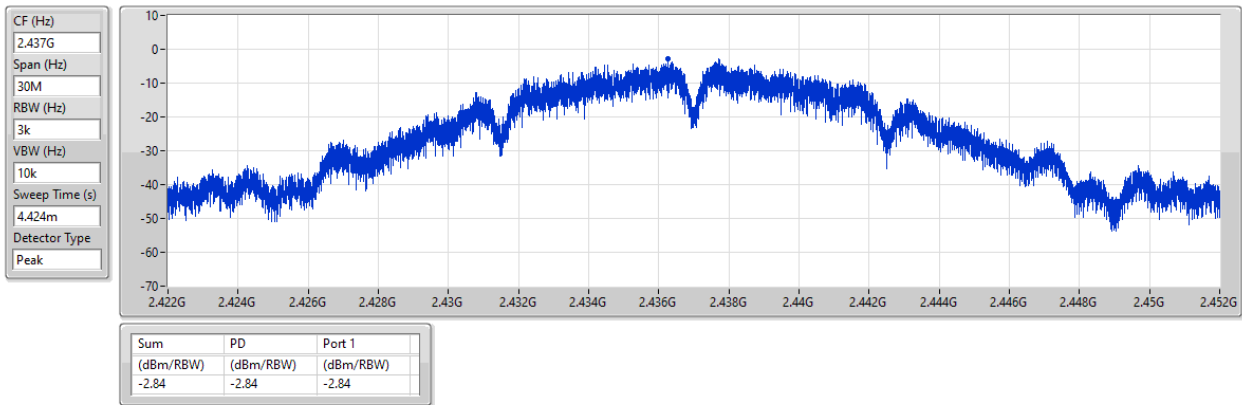
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

13/05/2025

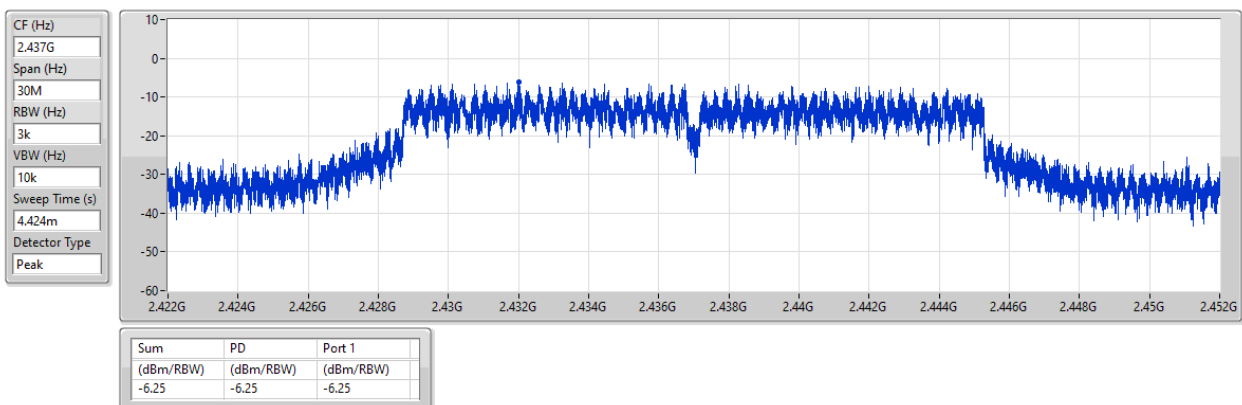


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

13/05/2025

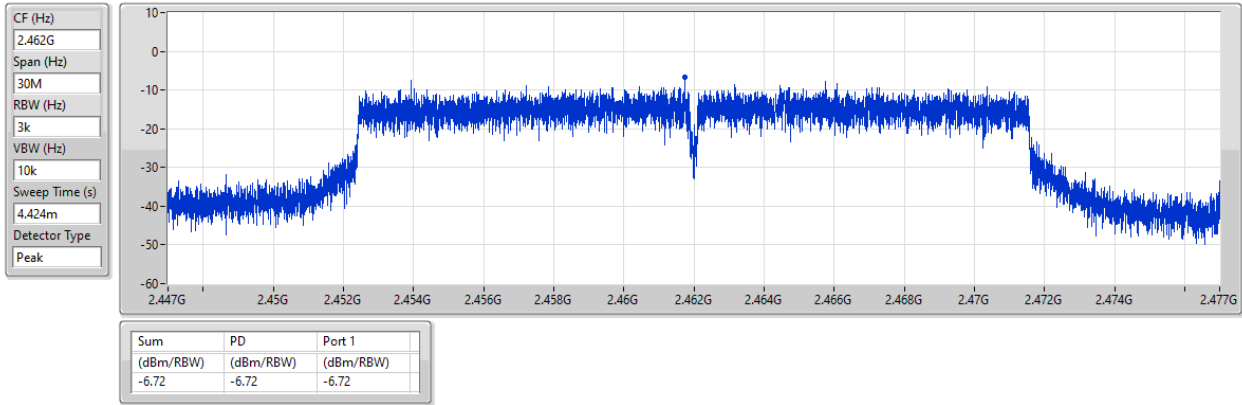


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2462MHz

13/05/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.77
802.11g_Nss1,(6Mbps)_2TX	-4.95
802.11be EHT20_Nss1,(MCS0)_2TX	-6.33

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.84	-5.33	-5.39	-2.72	7.16
2437MHz	Pass	6.84	-2.59	-1.92	0.77	7.16
2462MHz	Pass	6.84	-6.03	-5.05	-3.66	7.16
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.84	-8.01	-8.47	-6.90	7.16
2437MHz	Pass	6.84	-5.73	-7.04	-4.95	7.16
2462MHz	Pass	6.84	-7.13	-7.50	-5.75	7.16
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.84	-10.44	-9.93	-8.04	7.16
2437MHz	Pass	6.84	-7.07	-7.13	-6.33	7.16
2462MHz	Pass	6.84	-10.68	-10.58	-9.07	7.16

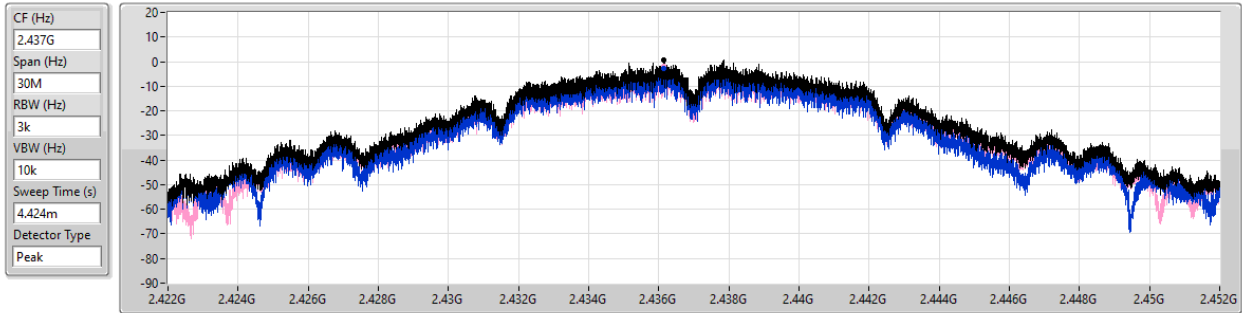
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

22/07/2025



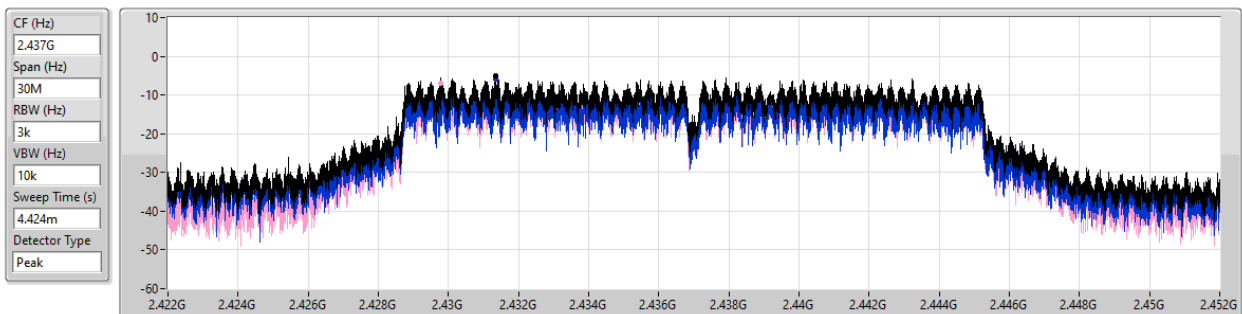
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.77	0.77	-2.59	-1.92

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

PSD

2437MHz

13/05/2025



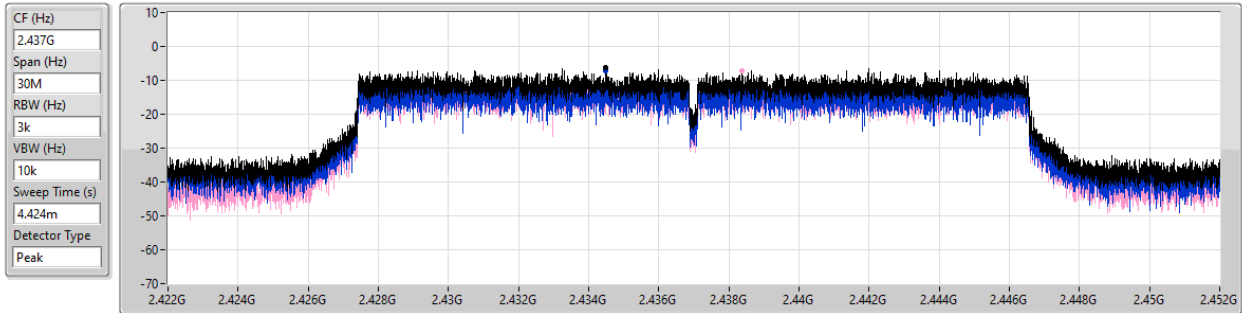
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.95	-4.95	-5.73	-7.04

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

PSD

2437MHz

13/05/2025



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.33	-6.33	-7.07	-7.13



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-5.96

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	3.90	-10.05	-9.70	-8.18	8.00
2437MHz	Pass	3.90	-7.74	-7.89	-5.96	8.00
2462MHz	Pass	3.90	-8.44	-8.13	-7.23	8.00

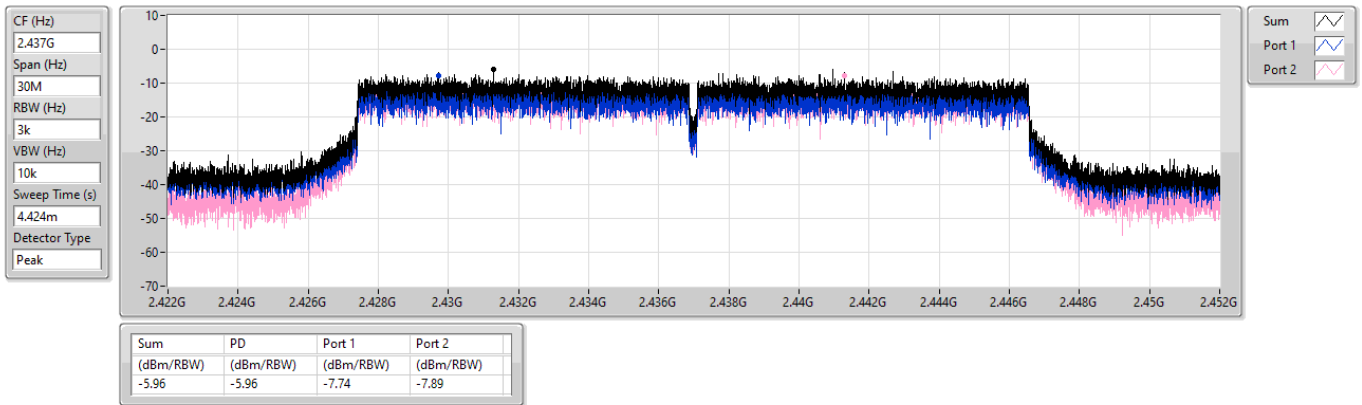
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

13/05/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-3.95
802.11g_Nss1,(6Mbps)_1TX	-8.08
802.11be EHT20_Nss1,(MCS0)_1TX	-8.75

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	11.14	-5.01	-5.01	2.86
2437MHz	Pass	11.14	-3.95	-3.95	2.86
2462MHz	Pass	11.14	-5.66	-5.66	2.86
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	11.14	-9.31	-9.31	2.86
2437MHz	Pass	11.14	-8.08	-8.08	2.86
2462MHz	Pass	11.14	-10.46	-10.46	2.86
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	11.14	-10.01	-10.01	2.86
2437MHz	Pass	11.14	-8.75	-8.75	2.86
2462MHz	Pass	11.14	-12.28	-12.28	2.86

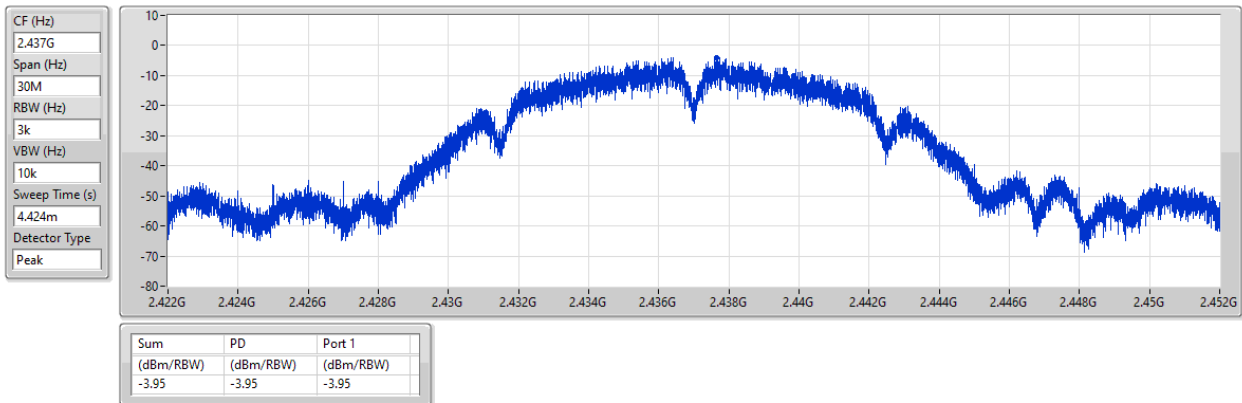
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

13/05/2025

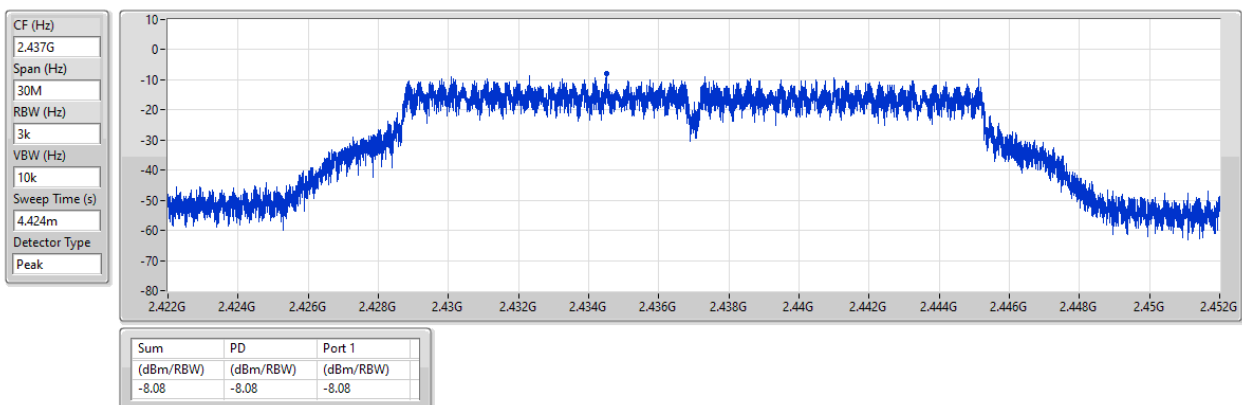


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

13/05/2025

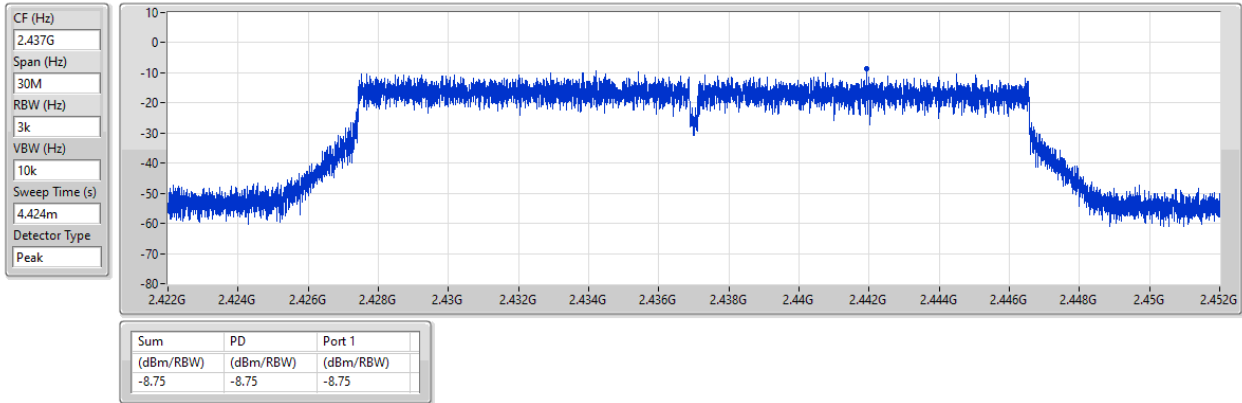


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

13/05/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.32
802.11g_Nss1,(6Mbps)_2TX	-7.09
802.11be EHT20_Nss1,(MCS0)_2TX	-8.06

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	14.22	-5.78	-5.15	-3.84	-0.22
2437MHz	Pass	14.22	-4.79	-4.54	-2.32	-0.22
2462MHz	Pass	14.22	-6.02	-6.71	-4.66	-0.22
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.22	-8.39	-9.94	-7.61	-0.22
2437MHz	Pass	14.22	-8.14	-8.63	-7.09	-0.22
2462MHz	Pass	14.22	-11.54	-11.66	-9.40	-0.22
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.22	-10.64	-11.04	-9.12	-0.22
2437MHz	Pass	14.22	-10.18	-8.96	-8.06	-0.22
2462MHz	Pass	14.22	-12.65	-12.10	-10.76	-0.22

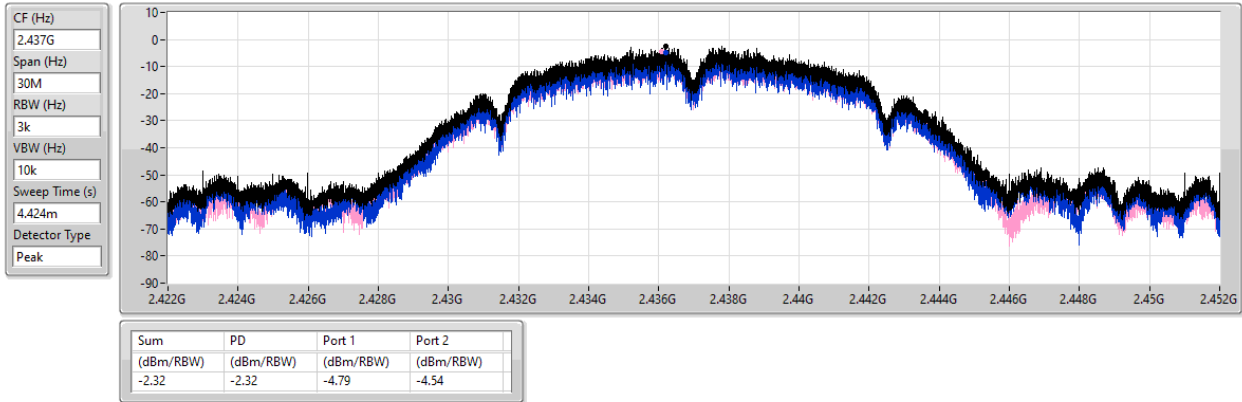
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

13/05/2025

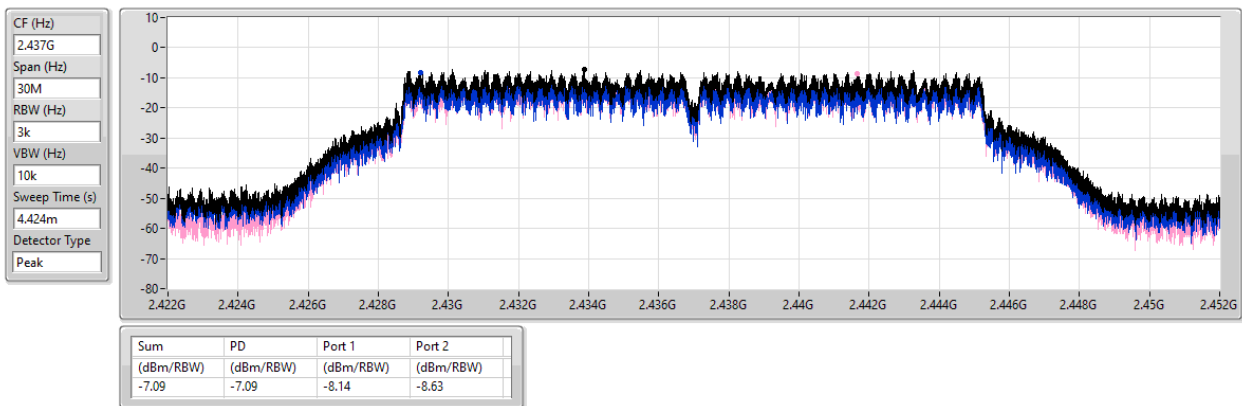


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

13/05/2025



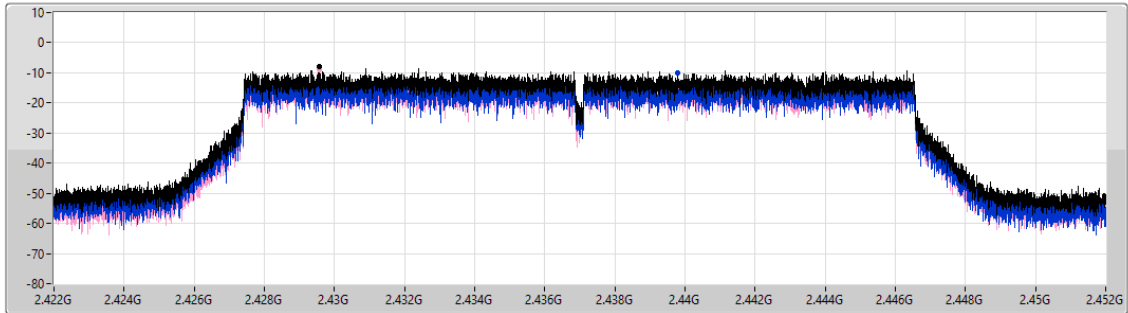
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

13/05/2025

CF (Hz)
2.437G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
4.424m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.06	-8.06	-10.18	-8.96



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-8.35

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	11.28	-10.70	-10.63	-8.35	2.72
2437MHz	Pass	11.28	-10.56	-10.66	-8.36	2.72
2462MHz	Pass	11.28	-14.18	-13.82	-11.93	2.72

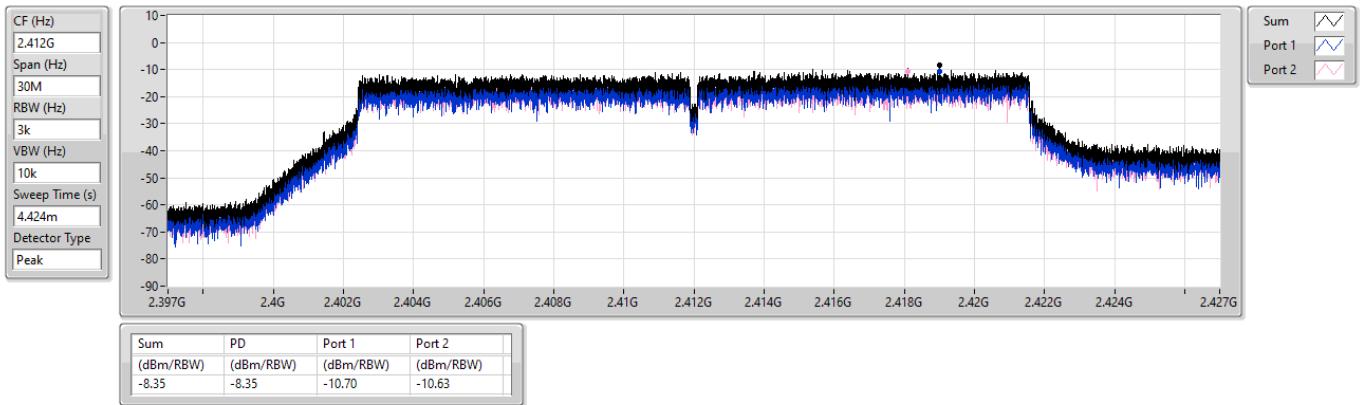
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

13/05/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
b20_Nss1,(1Mbps)_1TX	-2.61
g20_Nss1,(6Mbps)_1TX	-7.62

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
b20_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.70	-5.78	-5.78	8.00
2437MHz	Pass	3.70	-2.61	-2.61	8.00
2462MHz	Pass	3.70	-4.39	-4.39	8.00
g20_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.70	-10.84	-10.84	8.00
2437MHz	Pass	3.70	-7.62	-7.62	8.00
2462MHz	Pass	3.70	-11.43	-11.43	8.00

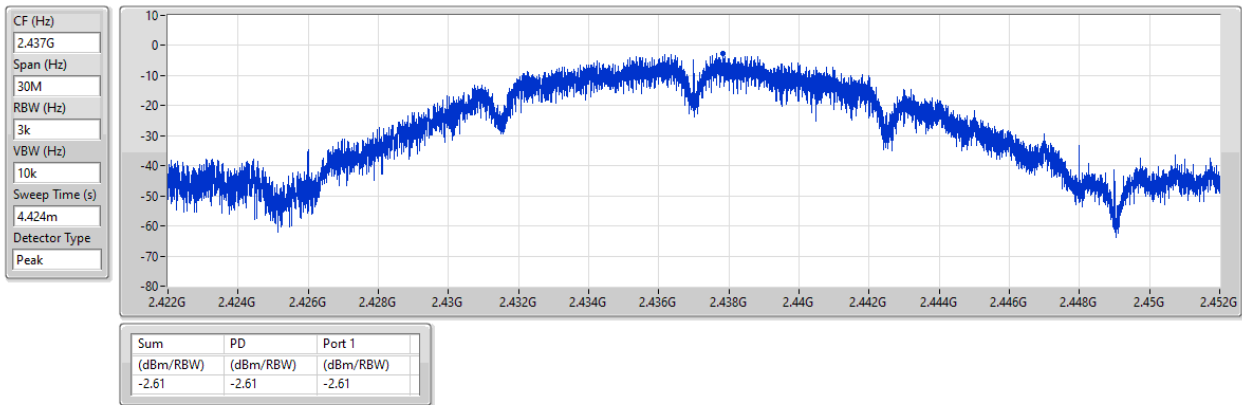
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_b20_Nss1,(1Mbps)_1TX

PSD

2437MHz

13/05/2025

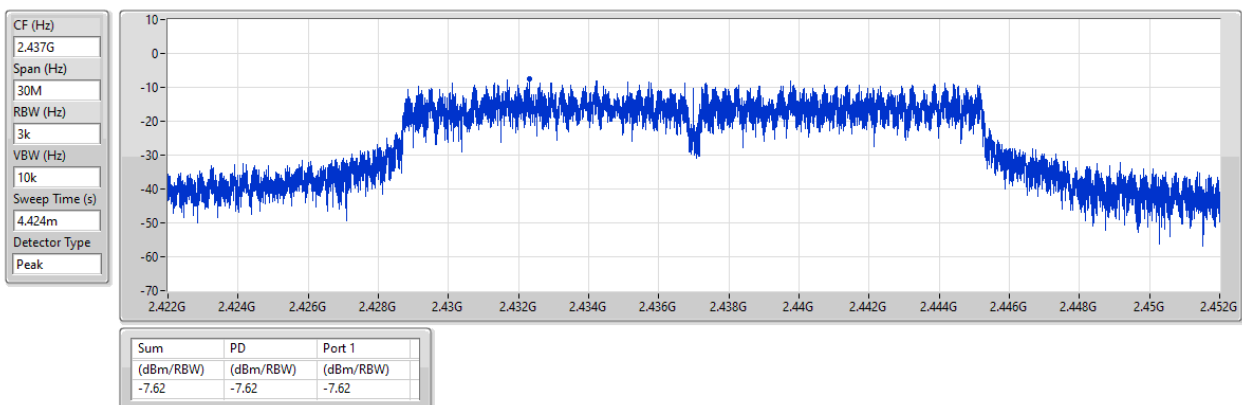


2.4-2.4835GHz_g20_Nss1,(6Mbps)_1TX

PSD

2437MHz

13/05/2025



**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	2.43741G	12.28	-17.72	2.12234G	-56.24	2.39904G	-29.58	2.4G	-28.71	2.51486G	-53.73	24.941G	-42.48	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	9.78	-20.22	908.41M	-55.92	2.39984G	-29.77	2.4G	-28.50	2.51846G	-54.11	17.67266G	-41.89	1
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.44192G	10.12	-19.88	2.30758G	-54.71	2.39832G	-33.33	2.4G	-31.05	2.50638G	-54.03	23.2946G	-42.14	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	2.43741G	12.28	-17.72	2.12234G	-56.24	2.39904G	-29.58	2.4G	-28.71	2.51486G	-53.73	24.941G	-42.48	1
2437MHz	Pass	2.43741G	12.28	-17.72	739.49M	-56.10	2.39904G	-36.81	2.4G	-43.00	2.51086G	-54.01	17.65861G	-42.24	1
2462MHz	Pass	2.43741G	12.28	-17.72	747.64M	-55.42	2.3988G	-51.88	2.4G	-53.93	2.5015G	-52.52	16.91689G	-41.97	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	9.78	-20.22	908.41M	-55.92	2.39984G	-29.77	2.4G	-28.50	2.51846G	-54.11	17.67266G	-41.89	1
2437MHz	Pass	2.43824G	9.78	-20.22	2.12118G	-56.30	2.3996G	-32.76	2.4G	-34.98	2.50566G	-53.61	16.25945G	-41.29	1
2462MHz	Pass	2.43824G	9.78	-20.22	2.16195G	-55.22	2.39576G	-52.84	2.4G	-53.55	2.50598G	-53.44	17.64457G	-42.30	1
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	10.12	-19.88	2.30758G	-54.71	2.39832G	-33.33	2.4G	-31.05	2.50638G	-54.03	23.2946G	-42.14	1
2437MHz	Pass	2.44192G	10.12	-19.88	2.16778G	-56.64	2.4G	-33.94	2.4G	-34.04	2.51278G	-54.33	16.27069G	-42.20	1
2462MHz	Pass	2.44192G	10.12	-19.88	2.11652G	-55.93	2.39904G	-46.47	2.4G	-45.70	2.5147G	-53.59	16.22293G	-42.32	1

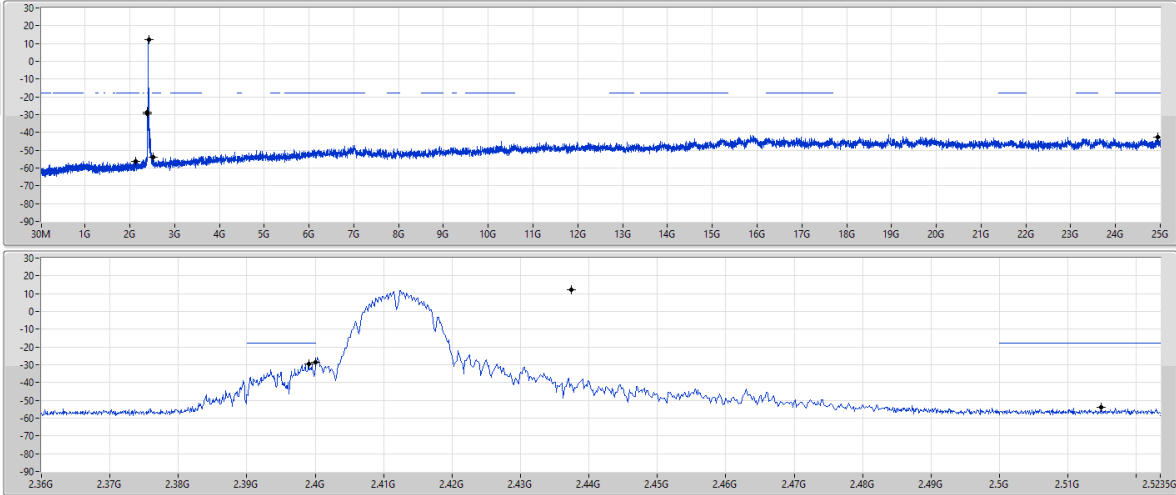
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

13/05/2025

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43741G	12.28	-17.72	2.12234G	-56.24	2.39904G	-29.38	2.4G	-28.71	2.51486G	-53.73	2.4941G	-42.48	1

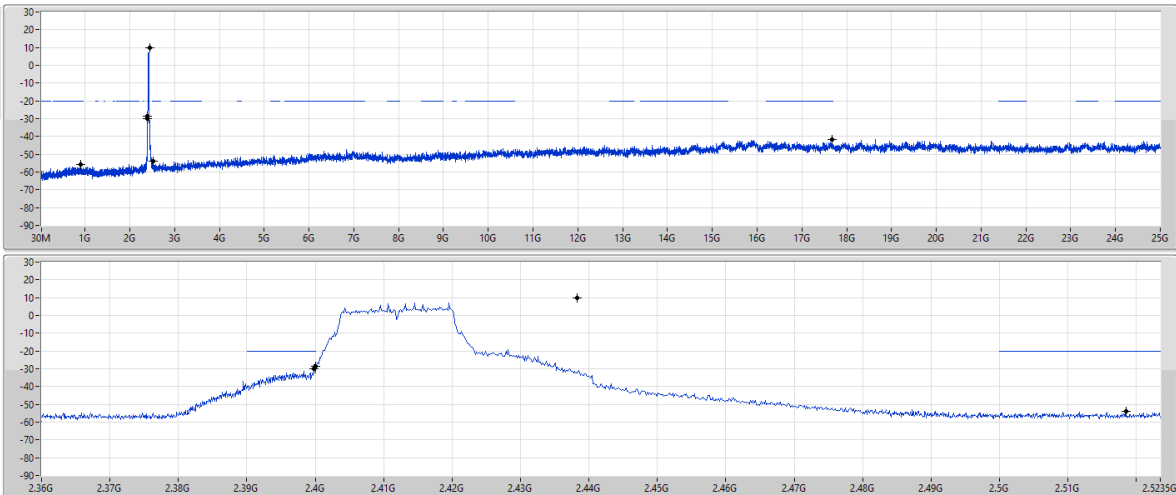
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

13/05/2025

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	9.78	-20.22	908.41M	-55.92	2.39984G	-29.77	2.4G	-28.50	2.51846G	-54.11	17.67266G	-41.89	1

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

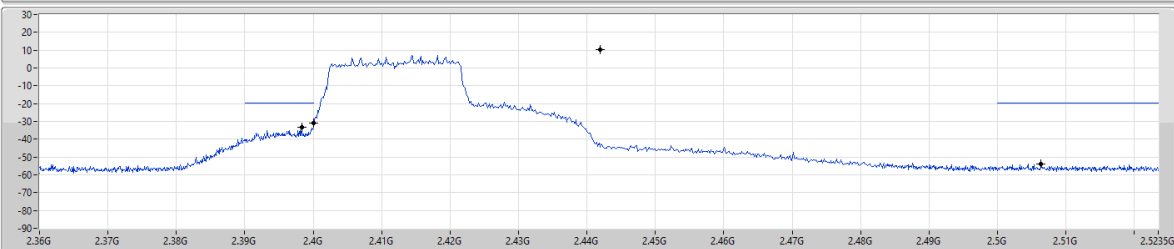
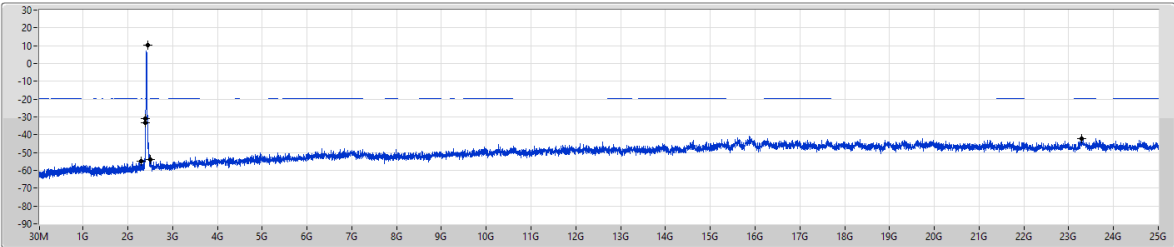
CSEndB

2412MHz

13/05/2025

Port 1

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.12	-19.88	2.30758G	-54.71	2.39832G	-33.33	2.4G	-31.05	2.50638G	-54.03	23.2946G	-42.14	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	2.43758G	12.64	-17.36	2.14098G	-50.35	2.39952G	-35.10	2.4G	-39.21	2.50982G	-48.73	16.8916G	-39.00	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	9.80	-20.20	1.98604G	-55.19	2.39984G	-31.09	2.4G	-28.33	2.50534G	-53.58	16.61627G	-41.10	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43073G	9.52	-20.48	2.14331G	-55.15	2.39328G	-33.98	2.4G	-32.07	2.50606G	-53.72	16.61627G	-41.99	1

Result

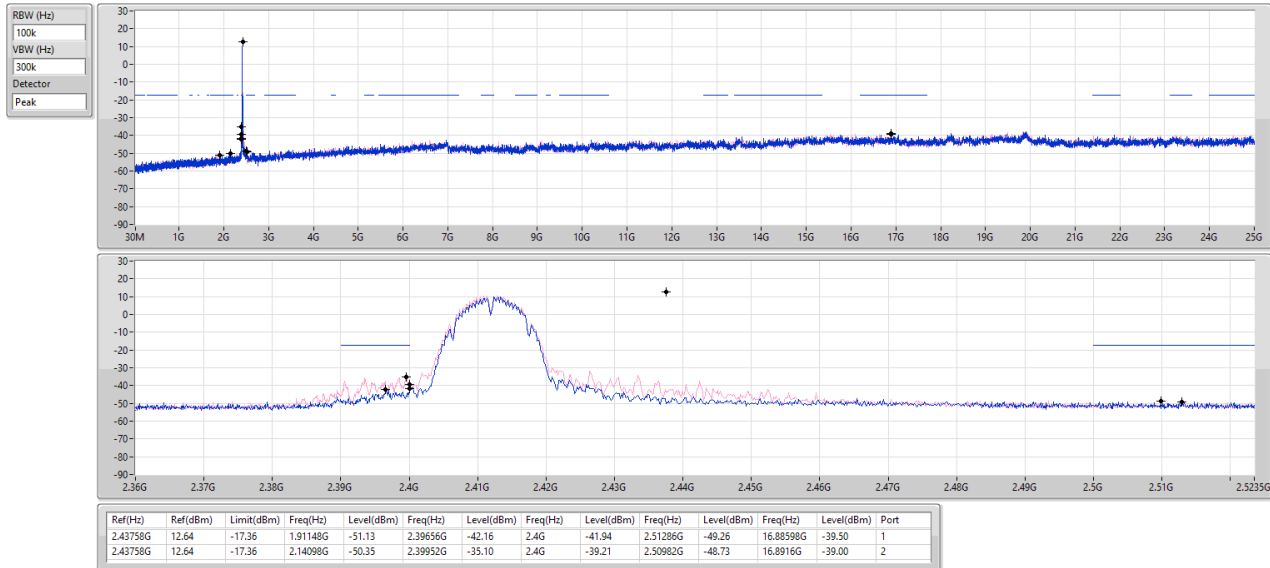
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43758G	12.64	-17.36	1.91148G	-51.13	2.39656G	-42.16	2.4G	-41.94	2.51286G	-49.26	16.88598G	-39.50	1
2412MHz	Pass	2.43758G	12.64	-17.36	2.14098G	-50.35	2.39952G	-35.10	2.4G	-39.21	2.50982G	-48.73	16.8916G	-39.00	2
2437MHz	Pass	2.43758G	12.64	-17.36	1.81478G	-51.31	2.39656G	-42.71	2.4G	-49.40	2.50454G	-48.64	23.24121G	-39.42	1
2437MHz	Pass	2.43758G	12.64	-17.36	2.30175G	-49.16	2.39944G	-41.95	2.4G	-47.63	2.51934G	-49.61	24.88481G	-39.64	2
2462MHz	Pass	2.43758G	12.64	-17.36	2.30758G	-51.14	2.39512G	-49.45	2.4G	-51.36	2.50758G	-48.97	16.90565G	-39.35	1
2462MHz	Pass	2.43758G	12.64	-17.36	2.18758G	-50.24	2.39888G	-49.77	2.4G	-50.90	2.50406G	-48.87	17.08265G	-39.80	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	9.80	-20.20	1.98604G	-55.19	2.39984G	-31.09	2.4G	-28.33	2.50534G	-53.58	16.61627G	-41.10	1
2412MHz	Pass	2.43073G	9.80	-20.20	2.16079G	-56.01	2.39824G	-34.09	2.4G	-32.71	2.51222G	-52.12	17.22313G	-40.93	2
2437MHz	Pass	2.43073G	9.80	-20.20	893.27M	-55.63	2.39952G	-34.89	2.4G	-36.81	2.51038G	-53.51	23.29741G	-41.66	1
2437MHz	Pass	2.43073G	9.80	-20.20	2.14098G	-55.29	2.39912G	-36.53	2.4G	-37.29	2.50374G	-53.33	16.3044G	-41.69	2
2462MHz	Pass	2.43073G	9.80	-20.20	1.99769G	-55.65	2.39984G	-51.87	2.4G	-51.25	2.51246G	-53.40	16.25383G	-41.35	1
2462MHz	Pass	2.43073G	9.80	-20.20	886.28M	-55.46	2.3932G	-52.18	2.4G	-53.84	2.51222G	-53.47	16.63312G	-40.56	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	9.52	-20.48	2.14331G	-55.15	2.39328G	-33.98	2.4G	-32.07	2.50606G	-53.72	16.61627G	-41.99	1
2412MHz	Pass	2.43073G	9.52	-20.48	1.7344G	-55.17	2.4G	-36.28	2.4G	-35.23	2.5099G	-53.67	16.5685G	-40.95	2
2437MHz	Pass	2.43073G	9.52	-20.48	1.28704G	-55.29	2.39768G	-36.51	2.4G	-37.32	2.51758G	-54.31	16.2145G	-41.37	1
2437MHz	Pass	2.43073G	9.52	-20.48	2.18991G	-55.56	2.39976G	-37.54	2.4G	-38.75	2.51718G	-52.86	16.29598G	-41.53	2
2462MHz	Pass	2.43073G	9.52	-20.48	2.30991G	-55.62	2.3968G	-53.91	2.4G	-54.97	2.51238G	-54.22	16.64998G	-41.37	1
2462MHz	Pass	2.43073G	9.52	-20.48	2.014G	-55.74	2.39992G	-53.40	2.4G	-54.95	2.51646G	-53.80	16.62469G	-41.87	2

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

CSEndB

2412MHz

22/07/2025

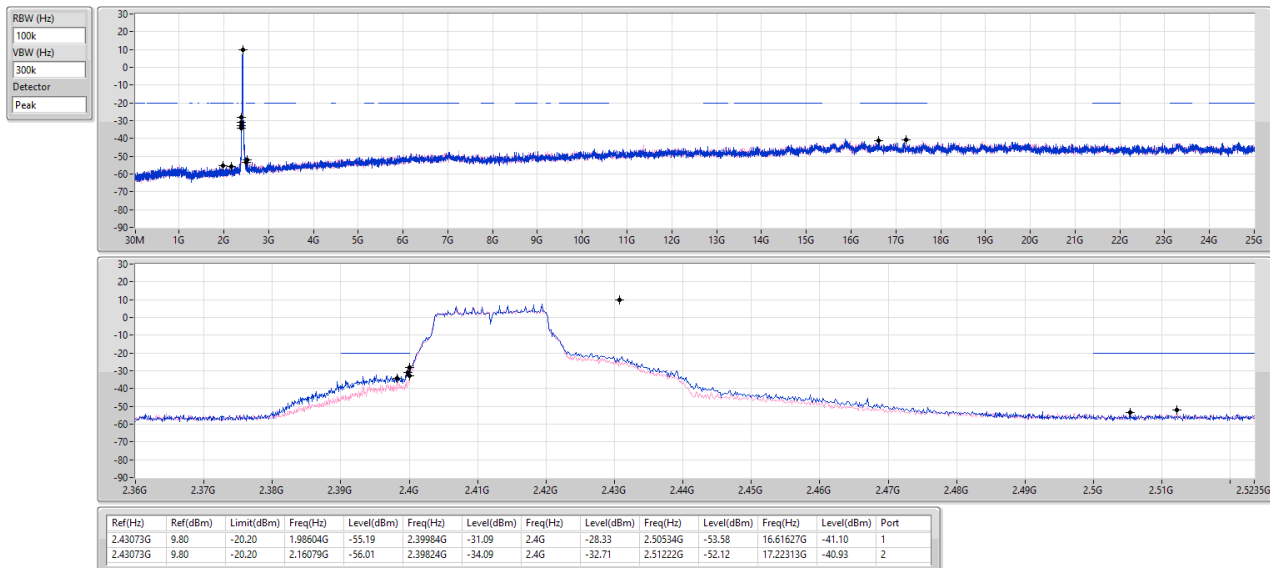


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

13/05/2025

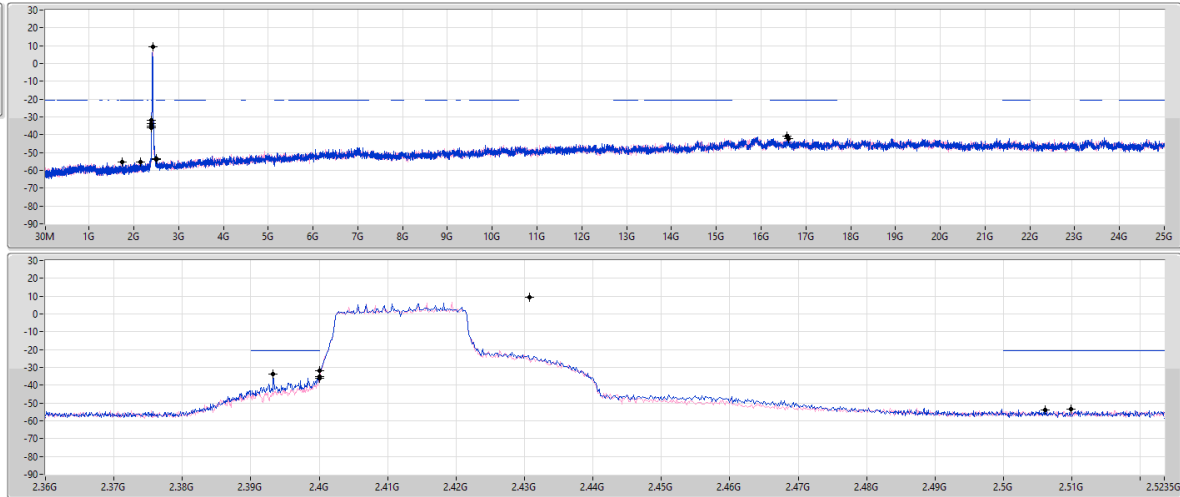


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

13/05/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 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
2.43079G	9.52	-20.48	2.14331G	-55.15	2.39328G	-33.98	2.4G	-32.07	2.50606G	-53.72	16.61627G	-41.99	1
2.43079G	9.52	-20.48	1.7344G	-55.17	2.4G	-36.28	2.4G	-35.23	2.5099G	-53.67	16.5685G	-40.95	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	2.4319G	8.58	-21.42	2.15263G	-55.93	2.39328G	-33.35	2.4G	-33.09	2.51582G	-54.17	17.02927G	-41.47	1

**Result**

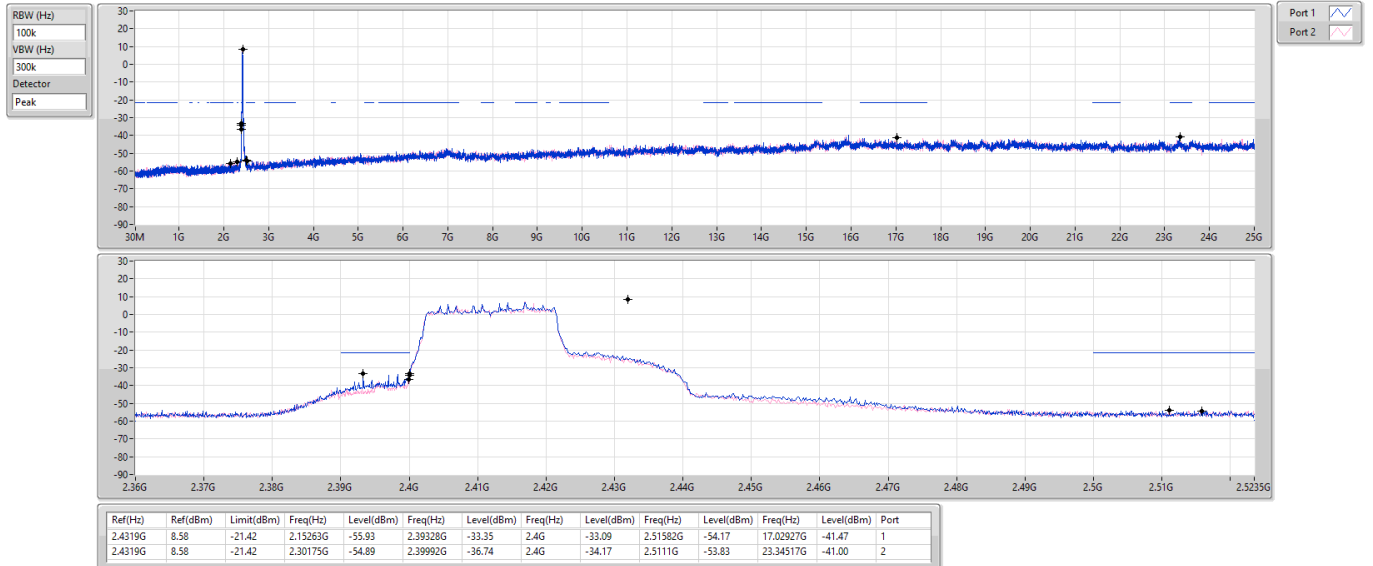
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	8.58	-21.42	2.15263G	-55.93	2.39328G	-33.35	2.4G	-33.09	2.51582G	-54.17	17.02927G	-41.47	1
2412MHz	Pass	2.4319G	8.58	-21.42	2.30175G	-54.89	2.39992G	-36.74	2.4G	-34.17	2.5111G	-53.83	23.34517G	-41.00	2
2437MHz	Pass	2.4319G	8.58	-21.42	1.86721G	-55.77	2.39976G	-36.61	2.4G	-38.14	2.52302G	-53.23	24.58418G	-41.42	1
2437MHz	Pass	2.4319G	8.58	-21.42	2.30874G	-55.97	2.39904G	-36.43	2.4G	-38.72	2.51782G	-53.48	16.86632G	-42.31	2
2462MHz	Pass	2.4319G	8.58	-21.42	2.14331G	-55.99	2.39992G	-47.61	2.4G	-49.10	2.5003G	-54.10	16.30159G	-40.99	1
2462MHz	Pass	2.4319G	8.58	-21.42	1.89167G	-56.52	2.3996G	-49.07	2.4G	-49.47	2.50222G	-53.94	17.65018G	-42.21	2

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

CSEndB

2412MHz

13/05/2025



**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	2.43641G	11.26	-18.74	2.30991G	-56.56	2.396G	-38.93	2.4G	-42.10	2.5099G	-53.37	17.53218G	-41.92	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43941G	6.54	-23.46	811.72M	-56.40	2.39992G	-37.54	2.4G	-35.03	2.50334G	-54.43	23.30583G	-42.11	1
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.43073G	7.25	-22.75	2.19923G	-55.42	2.4G	-35.96	2.4G	-32.98	2.50174G	-52.94	16.26788G	-41.82	1

Result

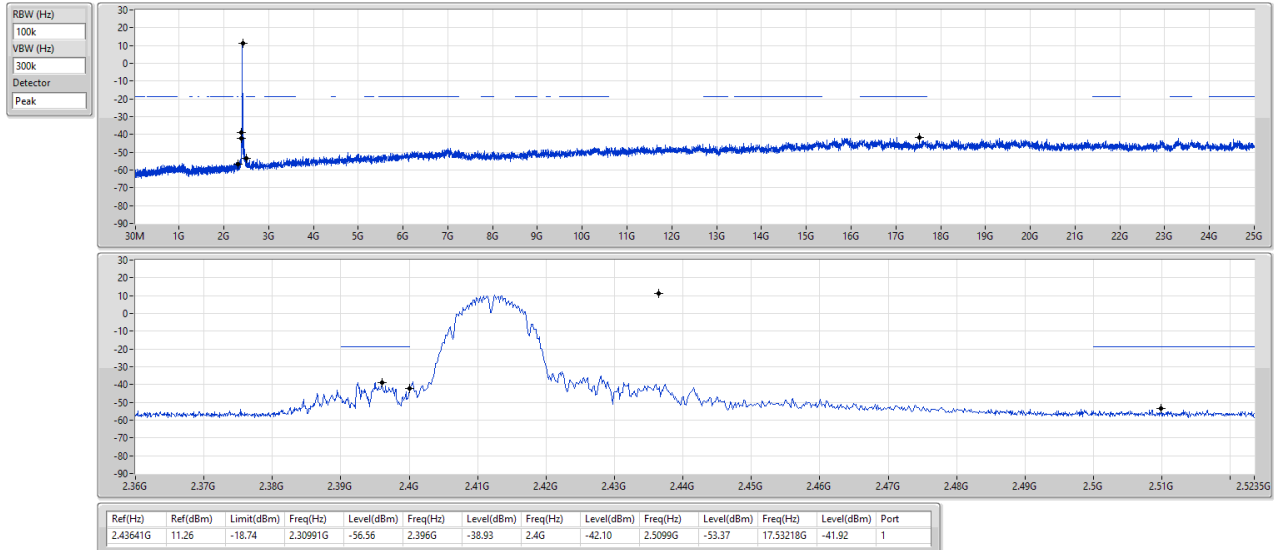
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	11.26	-18.74	2.30991G	-56.56	2.396G	-38.93	2.4G	-42.10	2.5099G	-53.37	17.53218G	-41.92	1
2437MHz	Pass	2.43641G	11.26	-18.74	2.30758G	-55.50	2.39904G	-45.95	2.4G	-47.49	2.51182G	-53.38	16.22012G	-41.98	1
2462MHz	Pass	2.43641G	11.26	-18.74	2.00584G	-55.65	2.39712G	-53.40	2.4G	-54.66	2.51494G	-54.33	16.81574G	-40.33	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	6.54	-23.46	811.72M	-56.40	2.39992G	-37.54	2.4G	-35.03	2.50334G	-54.43	23.30583G	-42.11	1
2437MHz	Pass	2.43941G	6.54	-23.46	2.16894G	-56.13	2.39672G	-41.75	2.4G	-40.26	2.50678G	-53.22	16.88317G	-42.01	1
2462MHz	Pass	2.43941G	6.54	-23.46	2.02099G	-55.95	2.39464G	-54.18	2.4G	-55.93	2.51366G	-54.25	14.54281G	-42.83	1
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	7.25	-22.75	2.19923G	-55.42	2.4G	-35.96	2.4G	-32.98	2.50174G	-52.94	16.26788G	-41.82	1
2437MHz	Pass	2.43073G	7.25	-22.75	2.1969G	-56.17	2.39864G	-43.20	2.4G	-43.24	2.51014G	-54.30	16.2454G	-42.13	1
2462MHz	Pass	2.43073G	7.25	-22.75	2.12817G	-55.17	2.39152G	-54.32	2.4G	-54.09	2.51878G	-53.74	17.22594G	-41.90	1

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

CSEndB

2412MHz

13/05/2025

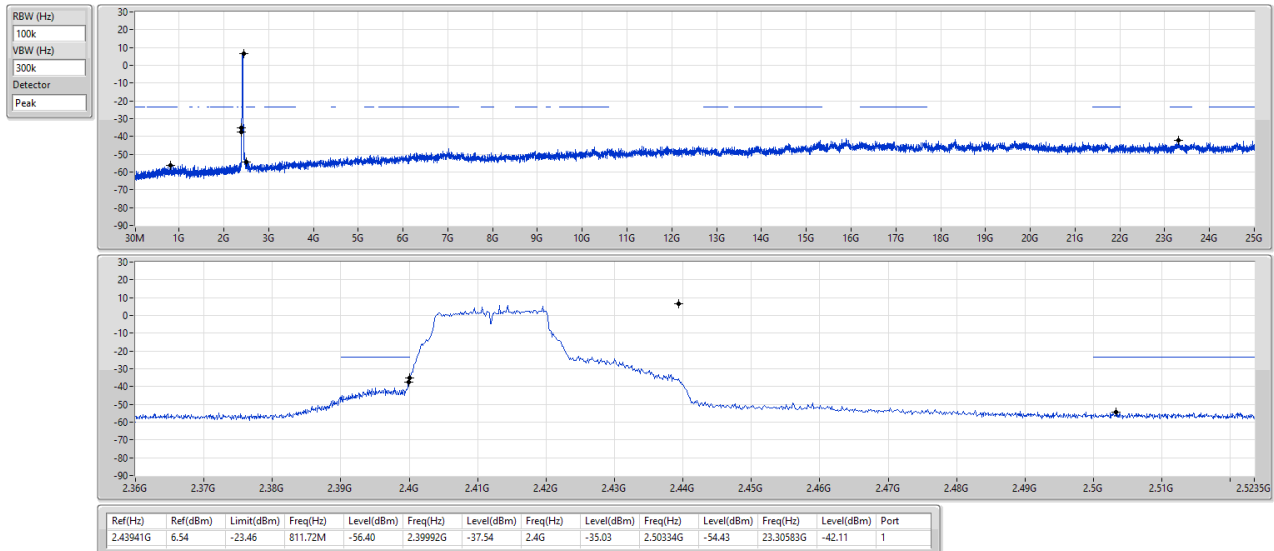


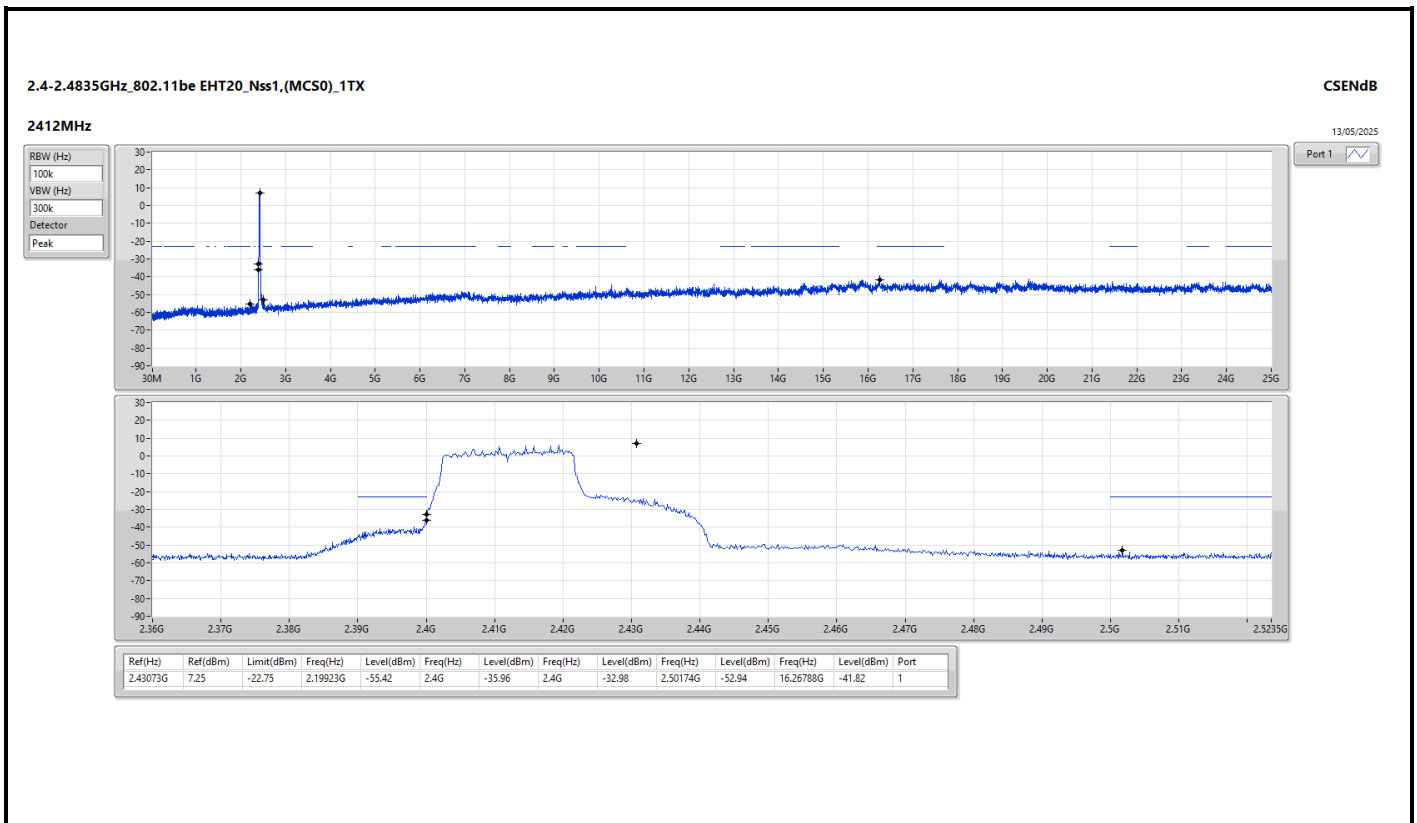
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

13/05/2025





**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)_2TX	Pass	2.43791G	10.56	-19.44	2.30408G	-55.64	2.39904G	-38.82	2.4G	-39.69	2.51982G	-54.25	17.23718G	-42.11	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	6.30	-23.70	698.71M	-55.78	2.39992G	-40.13	2.4G	-34.85	2.50806G	-53.72	17.61928G	-40.48	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43073G	6.59	-23.41	2.17011G	-56.10	2.39992G	-37.75	2.4G	-34.66	2.50222G	-53.87	17.46475G	-42.36	2

Result

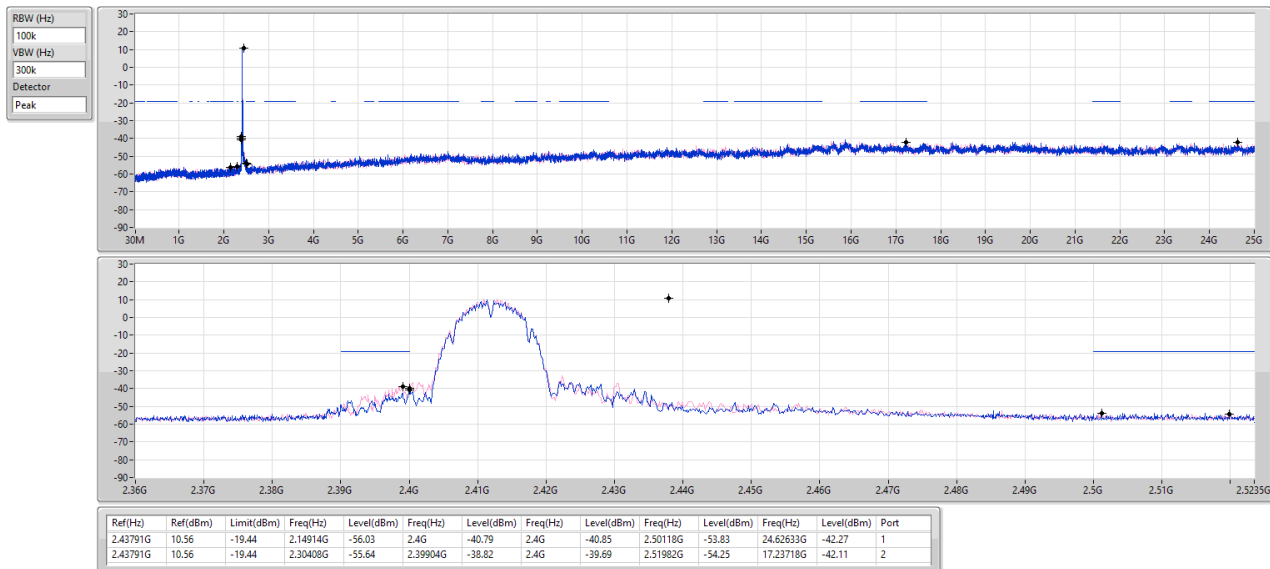
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43791G	10.56	-19.44	2.14914G	-56.03	2.4G	-40.79	2.4G	-40.85	2.50118G	-53.83	24.62633G	-42.27	1
2412MHz	Pass	2.43791G	10.56	-19.44	2.30408G	-55.64	2.39904G	-38.82	2.4G	-39.69	2.51982G	-54.25	17.23718G	-42.11	2
2437MHz	Pass	2.43791G	10.56	-19.44	2.15729G	-55.35	2.39752G	-46.71	2.4G	-49.44	2.5075G	-54.40	17.21751G	-42.30	1
2437MHz	Pass	2.43791G	10.56	-19.44	2.15147G	-55.59	2.39904G	-51.00	2.4G	-51.87	2.50486G	-54.53	16.31564G	-41.85	2
2462MHz	Pass	2.43791G	10.56	-19.44	2.1736G	-55.84	2.39992G	-53.21	2.4G	-55.03	2.50262G	-53.78	17.55747G	-41.79	1
2462MHz	Pass	2.43791G	10.56	-19.44	2.30059G	-56.12	2.39656G	-54.39	2.4G	-56.18	2.51206G	-54.06	16.22293G	-40.91	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	6.30	-23.70	698.71M	-55.78	2.39992G	-40.13	2.4G	-34.85	2.50806G	-53.72	17.61928G	-40.48	1
2412MHz	Pass	2.43824G	6.30	-23.70	1.96507G	-55.56	2.4G	-40.72	2.4G	-36.87	2.5031G	-54.06	15.17496G	-42.37	2
2437MHz	Pass	2.43824G	6.30	-23.70	2.14215G	-56.03	2.39672G	-41.47	2.4G	-44.07	2.51414G	-53.77	16.88317G	-42.82	1
2437MHz	Pass	2.43824G	6.30	-23.70	2.14564G	-55.70	2.3992G	-46.52	2.4G	-47.53	2.51846G	-53.62	17.63614G	-42.33	2
2462MHz	Pass	2.43824G	6.30	-23.70	2.13865G	-56.70	2.39976G	-53.33	2.4G	-55.81	2.51254G	-53.80	16.20607G	-41.42	1
2462MHz	Pass	2.43824G	6.30	-23.70	2.17011G	-56.19	2.39704G	-54.62	2.4G	-54.92	2.5167G	-54.29	23.31707G	-41.79	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.59	-23.41	2.30641G	-56.25	2.4G	-37.03	2.4G	-35.47	2.51262G	-53.57	23.28055G	-41.94	1
2412MHz	Pass	2.43073G	6.59	-23.41	2.17011G	-56.10	2.39992G	-37.75	2.4G	-34.66	2.50222G	-53.87	17.46475G	-42.36	2
2437MHz	Pass	2.43073G	6.59	-23.41	1.95225G	-56.09	2.39936G	-40.69	2.4G	-42.29	2.50822G	-53.40	17.63895G	-41.19	1
2437MHz	Pass	2.43073G	6.59	-23.41	2.05128G	-56.18	2.39952G	-45.63	2.4G	-46.30	2.5203G	-53.89	17.63614G	-41.53	2
2462MHz	Pass	2.43073G	6.59	-23.41	2.18991G	-55.78	2.39552G	-53.29	2.4G	-55.44	2.50998G	-53.90	16.27912G	-41.35	1
2462MHz	Pass	2.43073G	6.59	-23.41	1.84158G	-56.05	2.3984G	-54.48	2.4G	-55.86	2.51302G	-53.81	16.25102G	-41.79	2

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

CSEndB

2412MHz

13/05/2025

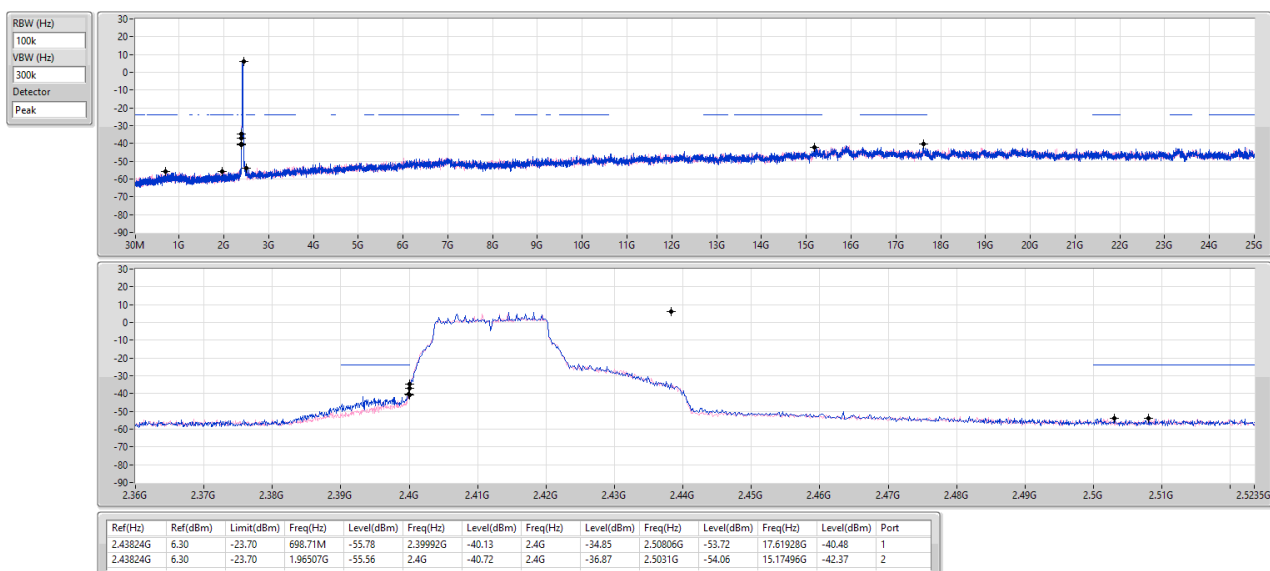


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

13/05/2025



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

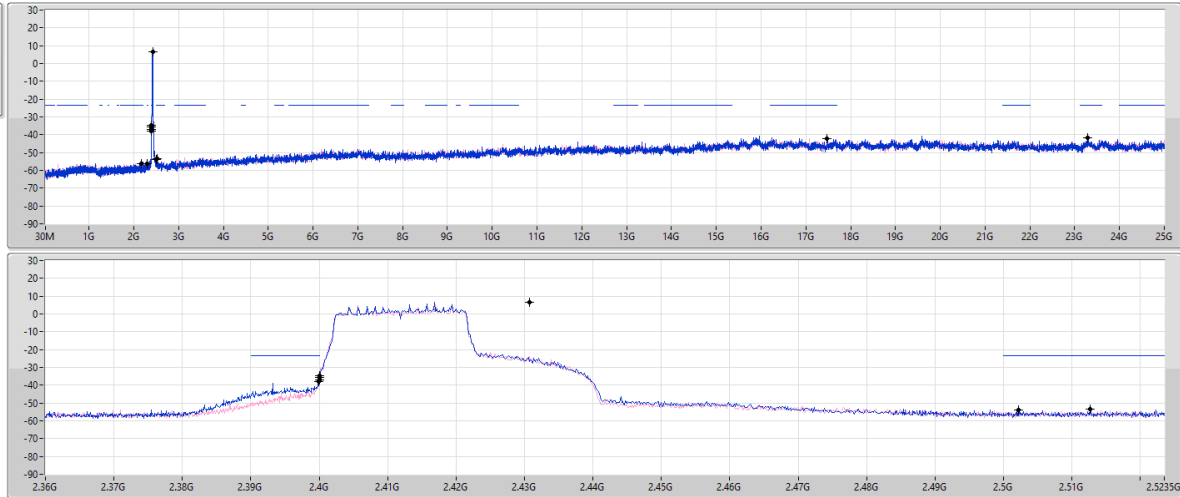
CSEndB

2412MHz

13/05/2025

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
2.43079G	6.59	-23.41	2.30641G	-56.25	2.4G	-37.03	2.4G	-35.47	2.51262G	-53.57	23.28055G	-41.94	1
2.43079G	6.59	-23.41	2.17011G	-56.10	2.39992G	-37.75	2.4G	-34.66	2.50222G	-53.87	17.46475G	-42.36	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	2.43073G	6.68	-23.32	2.30292G	-55.91	2.4G	-35.93	2.4G	-34.83	2.51694G	-53.91	16.79889G	-41.03	2



Result

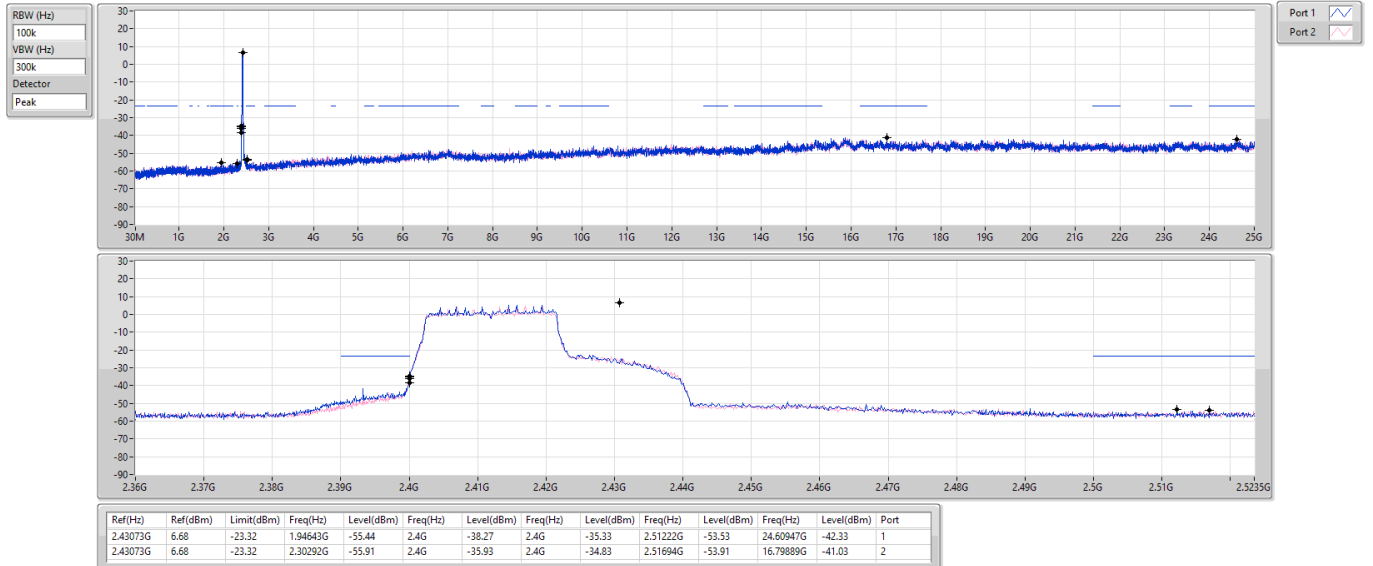
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss2.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.68	-23.32	1.94643G	-55.44	2.4G	-38.27	2.4G	-35.33	2.51222G	-53.53	24.60947G	-42.33	1
2412MHz	Pass	2.43073G	6.68	-23.32	2.30292G	-55.91	2.4G	-35.93	2.4G	-34.83	2.51694G	-53.91	16.79889G	-41.03	2
2437MHz	Pass	2.43073G	6.68	-23.32	1.86604G	-55.91	2.39944G	-45.55	2.4G	-46.75	2.52206G	-53.86	23.29741G	-42.31	1
2437MHz	Pass	2.43073G	6.68	-23.32	2.30758G	-54.95	2.39832G	-47.26	2.4G	-48.24	2.51678G	-54.62	17.61366G	-41.29	2
2462MHz	Pass	2.43073G	6.68	-23.32	2.30525G	-55.14	2.39416G	-54.28	2.4G	-56.65	2.50782G	-53.92	24.61228G	-42.49	1
2462MHz	Pass	2.43073G	6.68	-23.32	2.30641G	-54.46	2.39584G	-53.85	2.4G	-53.92	2.5059G	-54.26	16.8326G	-41.84	2

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

CSEndB

2412MHz

13/05/2025



**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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b20_Nss1,(1Mbps)_1TX	Pass	2.43808G	13.42	-16.58	2.30874G	-56.10	2.39752G	-32.64	2.4G	-42.33	2.51142G	-53.13	16.32126G	-41.67	1
g20_Nss1,(6Mbps)_1TX	Pass	2.44192G	7.72	-22.28	2.18409G	-55.37	2.39888G	-28.07	2.4G	-27.92	2.51278G	-53.23	23.33674G	-41.25	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
b20_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43808G	13.42	-16.58	2.30874G	-56.10	2.39752G	-32.64	2.4G	-42.33	2.51142G	-53.13	16.32126G	-41.67	1
2437MHz	Pass	2.43808G	13.42	-16.58	678.91M	-55.51	2.39984G	-42.13	2.4G	-46.74	2.50326G	-43.47	16.81013G	-42.38	1
2462MHz	Pass	2.43808G	13.42	-16.58	2.30408G	-55.91	2.39696G	-48.72	2.4G	-54.93	2.50486G	-43.17	23.25807G	-41.23	1
g20_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	7.72	-22.28	2.18409G	-55.37	2.39888G	-28.07	2.4G	-27.92	2.51278G	-53.23	23.33674G	-41.25	1
2437MHz	Pass	2.44192G	7.72	-22.28	2.12234G	-54.58	2.3992G	-39.30	2.4G	-40.45	2.50166G	-41.52	16.24821G	-42.45	1
2462MHz	Pass	2.44192G	7.72	-22.28	2.12234G	-55.84	2.39616G	-51.59	2.4G	-53.40	2.5047G	-45.83	16.8607G	-42.58	1

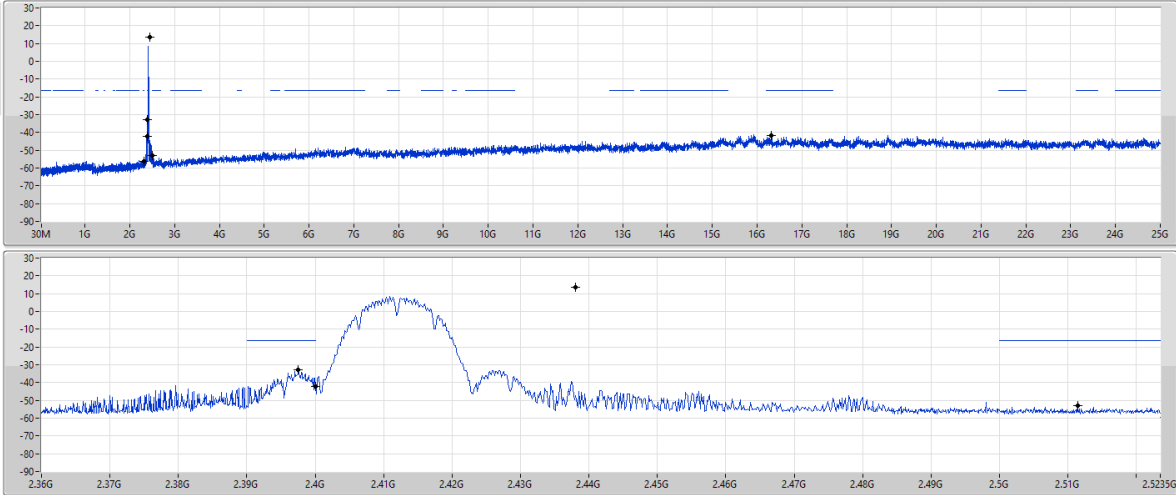
2.4-2.4835GHz_b20_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

13/05/2025

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43808G	13.42	-16.58	2.30874G	-56.10	2.39752G	-32.64	2.4G	-42.33	2.51142G	-53.13	16.32126G	-41.67	1

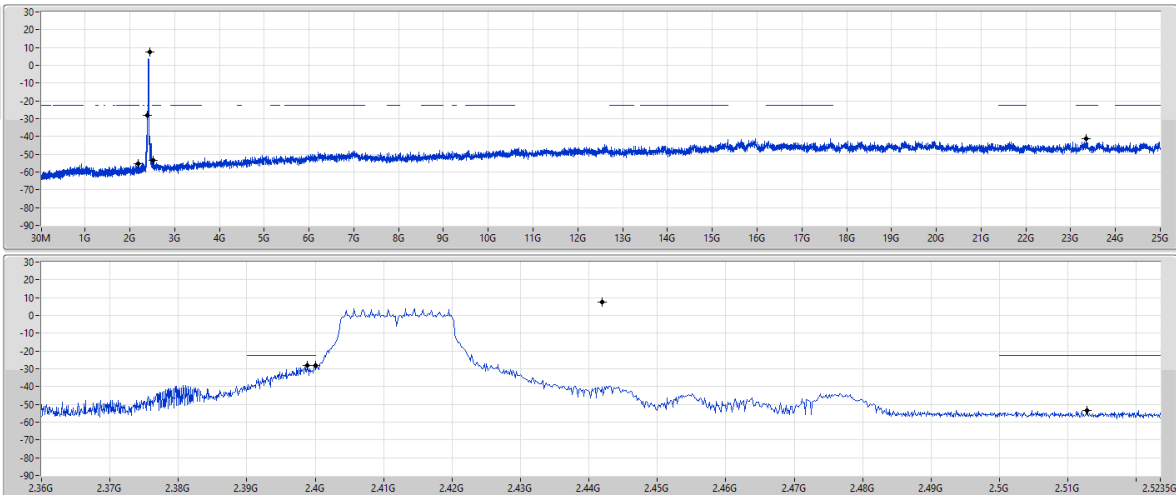
2.4-2.4835GHz_g20_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

13/05/2025

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	7.72	-22.28	2.18409G	-55.37	2.39888G	-28.07	2.4G	-27.92	2.51278G	-53.23	23.33674G	-41.25	1



Summary

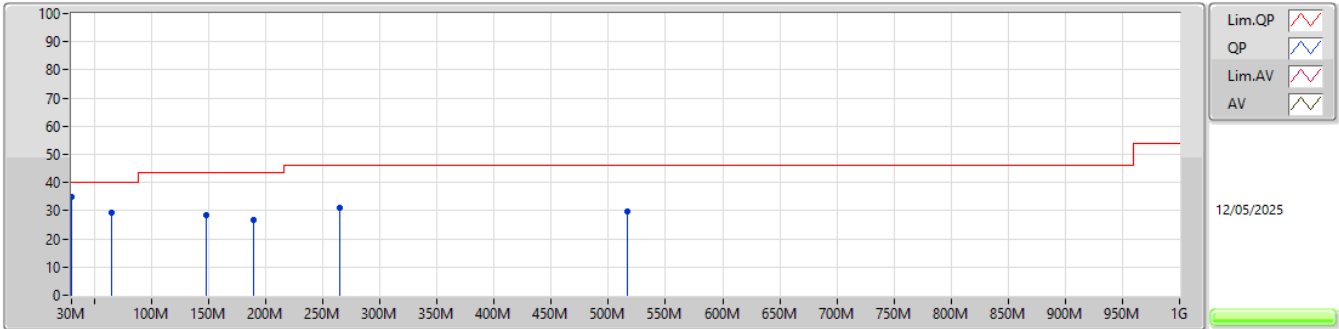
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	Pass	PK	30M	34.83	40.00	-5.17	3	Vertical	360	1.00

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)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	30M	34.83	40.00	-5.17	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	64.92M	29.35	40.00	-10.65	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	148.34M	28.35	43.50	-15.15	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	189.08M	26.60	43.50	-16.90	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	264.74M	31.04	46.00	-14.96	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	516.94M	29.91	46.00	-16.09	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	30M	22.70	40.00	-17.30	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	57.16M	23.09	40.00	-16.91	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	148.34M	34.10	43.50	-9.40	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	253.1M	29.76	46.00	-16.24	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	288.02M	32.86	46.00	-13.14	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	516.94M	30.46	46.00	-15.54	3	Horizontal	0	1.00

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

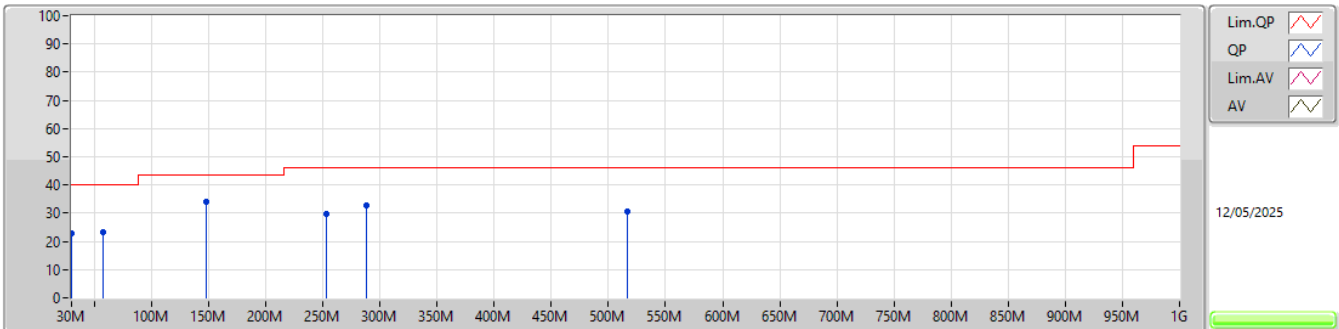
2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	34.83	40.00	-5.17	-4.71	3	Vertical	360	1.00	39.54	22.26	0.42	27.39
PK	64.92M	29.35	40.00	-10.65	-15.23	3	Vertical	360	1.00	44.58	11.49	0.60	27.32
PK	148.34M	28.35	43.50	-15.15	-10.36	3	Vertical	360	1.00	38.71	15.76	0.92	27.04
PK	189.08M	26.60	43.50	-16.90	-11.70	3	Vertical	360	1.00	38.30	14.11	1.06	26.87
PK	264.74M	31.04	46.00	-14.96	-7.36	3	Vertical	360	1.00	38.40	17.99	1.24	26.59
PK	516.94M	29.91	46.00	-16.09	-3.75	3	Vertical	360	1.00	33.66	22.65	1.71	28.11

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	22.70	40.00	-17.30	-4.71	3	Horizontal	0	1.00	27.41	22.26	0.42	27.39
PK	57.16M	23.09	40.00	-16.91	-15.30	3	Horizontal	0	1.00	38.39	11.46	0.57	27.33
PK	148.34M	34.10	43.50	-9.40	-10.36	3	Horizontal	0	1.00	44.46	15.76	0.92	27.04
PK	253.11M	29.76	46.00	-16.24	-7.35	3	Horizontal	0	1.00	37.11	18.01	1.22	26.58
PK	288.02M	32.86	46.00	-13.14	-7.27	3	Horizontal	0	1.00	40.13	18.04	1.29	26.60
PK	516.94M	30.46	46.00	-15.54	-3.75	3	Horizontal	0	1.00	34.21	22.65	1.71	28.11



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	AV	2.4868G	53.83	54.00	-0.17	3	Horizontal	0	2.43
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	2.4835G	53.35	54.00	-0.65	3	Horizontal	0	2.43
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	Pass	AV	2.38996G	53.08	54.00	-0.92	3	Horizontal	4	2.81

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	53.74	54.00	-0.26	3	Horizontal	360	2.87
2412MHz	Pass	AV	2.4128G	107.15	Inf	-Inf	3	Horizontal	360	2.87
2412MHz	Pass	PK	2.39G	63.60	74.00	-10.40	3	Horizontal	360	2.87
2412MHz	Pass	PK	2.4128G	110.27	Inf	-Inf	3	Horizontal	360	2.87
2412MHz	Pass	AV	4.82394G	41.54	54.00	-12.46	3	Vertical	172	2.75
2412MHz	Pass	PK	4.82406G	45.82	74.00	-28.18	3	Vertical	172	2.75
2412MHz	Pass	AV	4.82394G	32.97	54.00	-21.03	3	Horizontal	101	1.08
2412MHz	Pass	PK	4.82382G	42.30	74.00	-31.70	3	Horizontal	101	1.08
2417MHz	Pass	AV	2.3878G	52.65	54.00	-1.35	3	Horizontal	0	1.12
2417MHz	Pass	AV	2.4178G	108.83	Inf	-Inf	3	Horizontal	0	1.12
2417MHz	Pass	PK	2.3876G	61.41	74.00	-12.59	3	Horizontal	0	1.12
2417MHz	Pass	PK	2.4178G	111.61	Inf	-Inf	3	Horizontal	0	1.12
2437MHz	Pass	AV	2.38996G	46.30	54.00	-7.70	3	Horizontal	3	2.82
2437MHz	Pass	AV	2.43636G	109.96	Inf	-Inf	3	Horizontal	3	2.82
2437MHz	Pass	AV	2.48532G	45.65	54.00	-8.35	3	Horizontal	3	2.82
2437MHz	Pass	PK	2.38996G	58.17	74.00	-15.83	3	Horizontal	3	2.82
2437MHz	Pass	PK	2.43604G	112.73	Inf	-Inf	3	Horizontal	3	2.82
2437MHz	Pass	PK	2.48372G	59.07	74.00	-14.93	3	Horizontal	3	2.82
2437MHz	Pass	AV	4.874G	45.21	54.00	-8.79	3	Vertical	132	2.17
2437MHz	Pass	PK	4.87394G	48.94	74.00	-25.06	3	Vertical	132	2.17
2437MHz	Pass	AV	4.874G	39.01	54.00	-14.99	3	Horizontal	259	2.36
2437MHz	Pass	PK	4.874G	44.86	74.00	-29.14	3	Horizontal	259	2.36
2457MHz	Pass	AV	2.4576G	107.96	Inf	-Inf	3	Horizontal	0	2.43
2457MHz	Pass	AV	2.4868G	53.83	54.00	-0.17	3	Horizontal	0	2.43
2457MHz	Pass	PK	2.4578G	110.71	Inf	-Inf	3	Horizontal	0	2.43
2457MHz	Pass	PK	2.4868G	61.55	74.00	-12.45	3	Horizontal	0	2.43
2462MHz	Pass	AV	2.4612G	108.24	Inf	-Inf	3	Horizontal	0	2.45
2462MHz	Pass	AV	2.4862G	53.57	54.00	-0.43	3	Horizontal	0	2.45
2462MHz	Pass	PK	2.461G	111.04	Inf	-Inf	3	Horizontal	0	2.45
2462MHz	Pass	PK	2.4864G	61.69	74.00	-12.31	3	Horizontal	0	2.45
2462MHz	Pass	AV	4.92394G	45.12	54.00	-8.88	3	Vertical	214	2.57
2462MHz	Pass	PK	4.92406G	49.02	74.00	-24.98	3	Vertical	214	2.57
2462MHz	Pass	AV	4.92394G	39.91	54.00	-14.09	3	Horizontal	259	2.17
2462MHz	Pass	PK	4.92394G	45.81	74.00	-28.19	3	Horizontal	259	2.17
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.33	54.00	-1.67	3	Horizontal	0	1.10
2412MHz	Pass	AV	2.4188G	100.76	Inf	-Inf	3	Horizontal	0	1.10
2412MHz	Pass	PK	2.3898G	70.23	74.00	-3.77	3	Horizontal	0	1.10
2412MHz	Pass	PK	2.4184G	112.39	Inf	-Inf	3	Horizontal	0	1.10
2412MHz	Pass	AV	4.82562G	27.76	54.00	-26.24	3	Vertical	213	1.48
2412MHz	Pass	PK	4.83174G	41.99	74.00	-32.01	3	Vertical	213	1.48
2412MHz	Pass	AV	4.81422G	26.69	54.00	-27.31	3	Horizontal	160	1.78
2412MHz	Pass	PK	4.8195G	40.67	74.00	-33.33	3	Horizontal	160	1.78
2417MHz	Pass	AV	2.39G	52.72	54.00	-1.28	3	Horizontal	0	1.13
2417MHz	Pass	AV	2.4232G	100.78	Inf	-Inf	3	Horizontal	0	1.13
2417MHz	Pass	PK	2.3898G	66.61	74.00	-7.39	3	Horizontal	0	1.13
2417MHz	Pass	PK	2.4218G	112.50	Inf	-Inf	3	Horizontal	0	1.13
2437MHz	Pass	AV	2.38996G	51.39	54.00	-2.61	3	Horizontal	4	2.83
2437MHz	Pass	AV	2.43028G	103.24	Inf	-Inf	3	Horizontal	4	2.83
2437MHz	Pass	AV	2.4835G	50.34	54.00	-3.66	3	Horizontal	4	2.83
2437MHz	Pass	PK	2.38868G	67.46	74.00	-6.54	3	Horizontal	4	2.83
2437MHz	Pass	PK	2.437G	114.75	Inf	-Inf	3	Horizontal	4	2.83
2437MHz	Pass	PK	2.48436G	66.56	74.00	-7.44	3	Horizontal	4	2.83
2437MHz	Pass	AV	4.87568G	30.86	54.00	-23.14	3	Vertical	130	2.24
2437MHz	Pass	PK	4.87766G	44.32	74.00	-29.68	3	Vertical	130	2.24
2437MHz	Pass	AV	4.87646G	28.08	54.00	-25.92	3	Horizontal	258	2.32
2437MHz	Pass	PK	4.87718G	42.41	74.00	-31.59	3	Horizontal	258	2.32
2457MHz	Pass	AV	2.46G	99.93	Inf	-Inf	3	Horizontal	0	2.43
2457MHz	Pass	AV	2.4835G	53.35	54.00	-0.65	3	Horizontal	0	2.43
2457MHz	Pass	PK	2.457G	111.71	Inf	-Inf	3	Horizontal	0	2.43

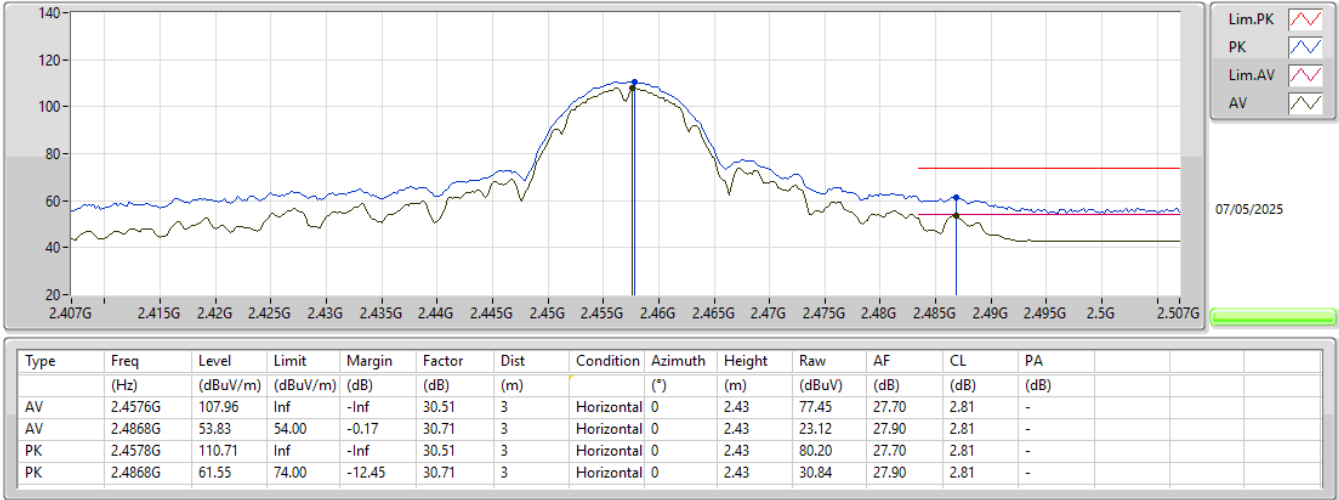


RSE TX above 1GHz_Non-Beamforming_Radio 1_1T1S_Dipole Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2457MHz	Pass	PK	2.4864G	68.55	74.00	-5.45	3	Horizontal	0	2.43
2462MHz	Pass	AV	2.4674G	99.84	Inf	-Inf	3	Horizontal	0	2.43
2462MHz	Pass	AV	2.4835G	53.14	54.00	-0.86	3	Horizontal	0	2.43
2462MHz	Pass	PK	2.464G	111.54	Inf	-Inf	3	Horizontal	0	2.43
2462MHz	Pass	PK	2.4835G	71.13	74.00	-2.87	3	Horizontal	0	2.43
2462MHz	Pass	AV	4.92448G	30.87	54.00	-23.13	3	Vertical	213	2.57
2462MHz	Pass	PK	4.92658G	45.10	74.00	-28.90	3	Vertical	213	2.57
2462MHz	Pass	AV	4.9246G	28.23	54.00	-25.77	3	Horizontal	259	2.08
2462MHz	Pass	PK	4.92178G	41.79	74.00	-32.21	3	Horizontal	259	2.08
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.41	54.00	-1.59	3	Horizontal	0	1.09
2412MHz	Pass	AV	2.4196G	100.28	Inf	-Inf	3	Horizontal	0	1.09
2412MHz	Pass	PK	2.3898G	67.10	74.00	-6.90	3	Horizontal	0	1.09
2412MHz	Pass	PK	2.4184G	113.76	Inf	-Inf	3	Horizontal	0	1.09
2412MHz	Pass	AV	4.8246G	27.47	54.00	-26.53	3	Vertical	214	1.65
2412MHz	Pass	PK	4.8327G	42.33	74.00	-31.67	3	Vertical	214	1.65
2412MHz	Pass	AV	4.81548G	26.55	54.00	-27.45	3	Horizontal	138	1.65
2412MHz	Pass	PK	4.83522G	40.55	74.00	-33.45	3	Horizontal	138	1.65
2417MHz	Pass	AV	2.39G	53.07	54.00	-0.93	3	Horizontal	1	1.11
2417MHz	Pass	AV	2.4216G	100.69	Inf	-Inf	3	Horizontal	1	1.11
2417MHz	Pass	PK	2.3892G	67.25	74.00	-6.75	3	Horizontal	1	1.11
2417MHz	Pass	PK	2.423G	114.61	Inf	-Inf	3	Horizontal	1	1.11
2437MHz	Pass	AV	2.38996G	53.08	54.00	-0.92	3	Horizontal	4	2.81
2437MHz	Pass	AV	2.42836G	102.76	Inf	-Inf	3	Horizontal	4	2.81
2437MHz	Pass	AV	2.4835G	52.74	54.00	-1.26	3	Horizontal	4	2.81
2437MHz	Pass	PK	2.38996G	67.85	74.00	-6.15	3	Horizontal	4	2.81
2437MHz	Pass	PK	2.4306G	116.34	Inf	-Inf	3	Horizontal	4	2.81
2437MHz	Pass	PK	2.48404G	68.28	74.00	-5.72	3	Horizontal	4	2.81
2437MHz	Pass	AV	4.87406G	30.26	54.00	-23.74	3	Vertical	215	2.29
2437MHz	Pass	PK	4.87808G	44.06	74.00	-29.94	3	Vertical	215	2.29
2437MHz	Pass	AV	4.87412G	27.77	54.00	-26.23	3	Horizontal	274	1.01
2437MHz	Pass	PK	4.88054G	41.58	74.00	-32.42	3	Horizontal	274	1.01
2457MHz	Pass	AV	2.4594G	99.67	Inf	-Inf	3	Horizontal	1	2.44
2457MHz	Pass	AV	2.4835G	51.90	54.00	-2.10	3	Horizontal	1	2.44
2457MHz	Pass	PK	2.46G	113.82	Inf	-Inf	3	Horizontal	1	2.44
2457MHz	Pass	PK	2.4835G	69.80	74.00	-4.20	3	Horizontal	1	2.44
2462MHz	Pass	AV	2.4672G	98.94	Inf	-Inf	3	Horizontal	0	1.09
2462MHz	Pass	AV	2.4835G	50.56	54.00	-3.44	3	Horizontal	0	1.09
2462MHz	Pass	PK	2.4652G	112.66	Inf	-Inf	3	Horizontal	0	1.09
2462MHz	Pass	PK	2.4838G	67.57	74.00	-6.43	3	Horizontal	0	1.09
2462MHz	Pass	AV	4.92478G	30.17	54.00	-23.83	3	Vertical	214	2.53
2462MHz	Pass	PK	4.92754G	43.66	74.00	-30.34	3	Vertical	214	2.53
2462MHz	Pass	AV	4.92358G	27.59	54.00	-26.41	3	Horizontal	256	1.59
2462MHz	Pass	PK	4.93546G	41.80	74.00	-32.20	3	Horizontal	256	1.59

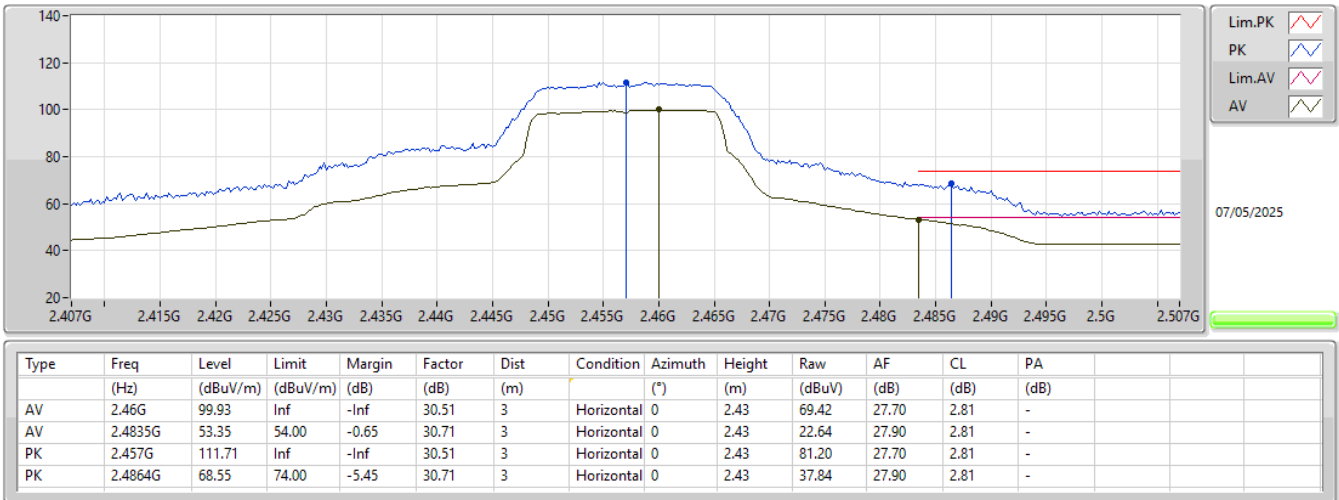
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX(Port1)

2457MHz_TX



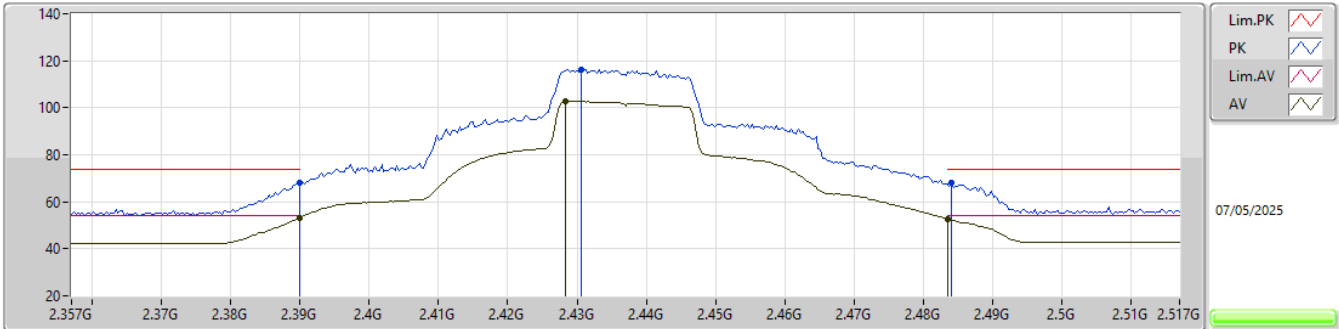
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX(Port1)

2457MHz_TX



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

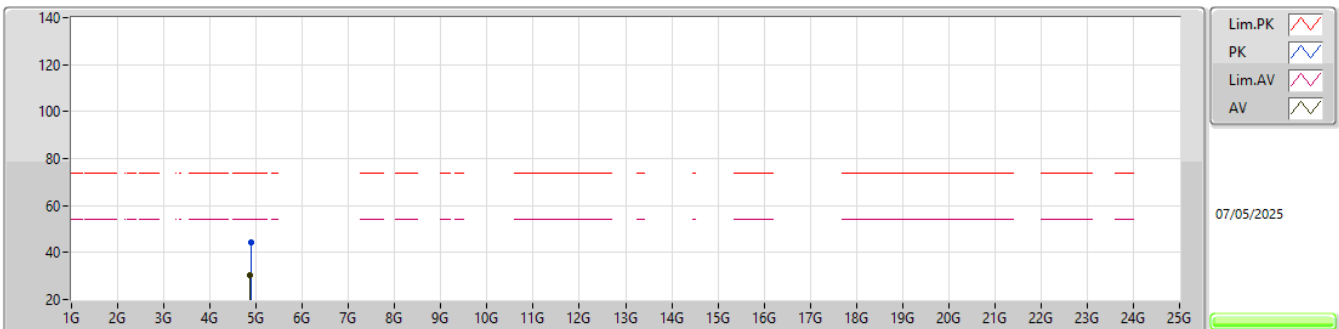
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.38996G	53.08	54.00	-0.92	30.30	3	Horizontal	4	2.81	22.78	27.50	2.80	-
AV	2.42836G	102.76	Inf	-Inf	30.51	3	Horizontal	4	2.81	72.25	27.70	2.81	-
AV	2.4835G	52.74	54.00	-1.26	30.71	3	Horizontal	4	2.81	22.03	27.90	2.81	-
PK	2.38996G	67.85	74.00	-6.15	30.30	3	Horizontal	4	2.81	37.55	27.50	2.80	-
PK	2.4306G	116.34	Inf	-Inf	30.51	3	Horizontal	4	2.81	85.83	27.70	2.81	-
PK	2.48404G	68.28	74.00	-5.72	30.71	3	Horizontal	4	2.81	37.57	27.90	2.81	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

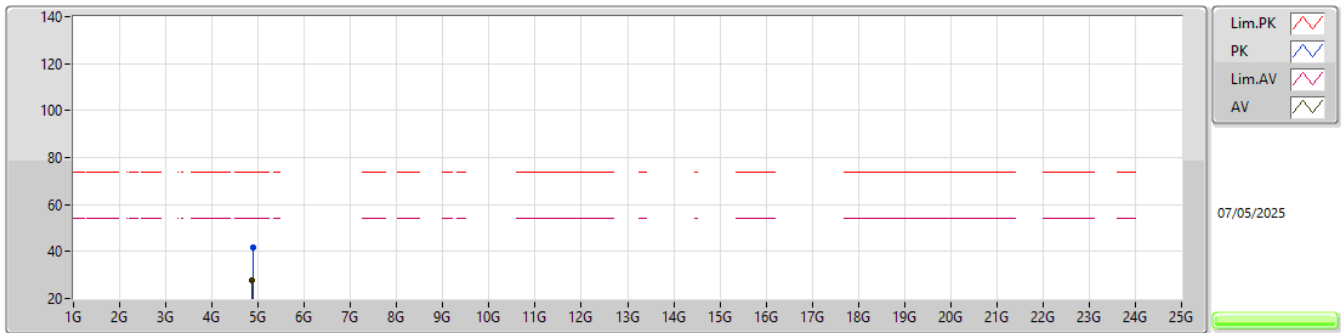
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87406G	30.26	54.00	-23.74	-1.17	3	Vertical	215	2.29	31.43	32.80	4.24	38.21
PK	4.87808G	44.06	74.00	-29.94	-1.15	3	Vertical	215	2.29	45.21	32.81	4.25	38.21

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	4.87412G	27.77	54.00	-26.23	-1.17	3	Horizontal	274	1.01	28.94	32.80	4.24	38.21				
PK	4.88054G	41.58	74.00	-32.42	-1.14	3	Horizontal	274	1.01	42.72	32.82	4.25	38.21				



Summary

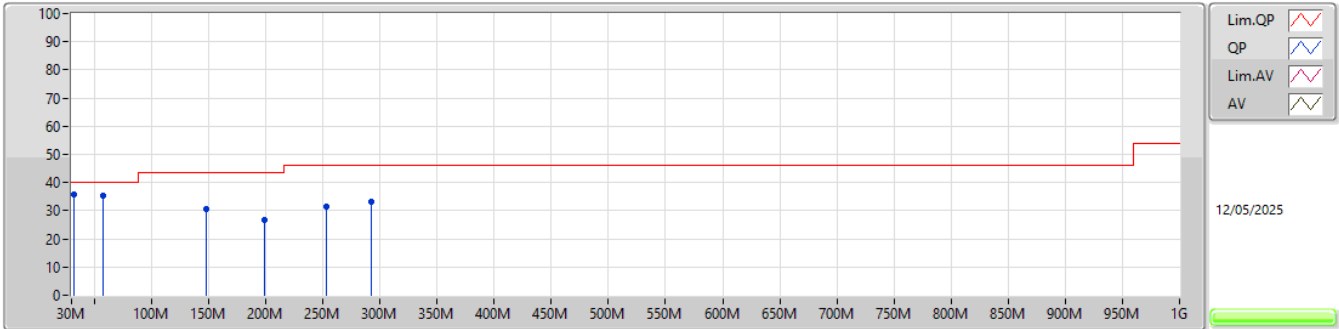
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	31.94M	35.69	40.00	-4.31	3	Vertical	0	1.00

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)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	31.94M	35.69	40.00	-4.31	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	57.16M	35.46	40.00	-4.54	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	148.34M	30.42	43.50	-13.08	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	198.78M	26.59	43.50	-16.91	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	253.1M	31.48	46.00	-14.52	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	291.9M	33.26	46.00	-12.74	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	53.28M	32.37	40.00	-7.63	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	148.34M	32.30	43.50	-11.20	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	249.22M	29.95	46.00	-16.05	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	291.9M	34.23	46.00	-11.77	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	350.1M	25.92	46.00	-20.08	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	901.06M	35.08	46.00	-10.92	3	Horizontal	360	1.00

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

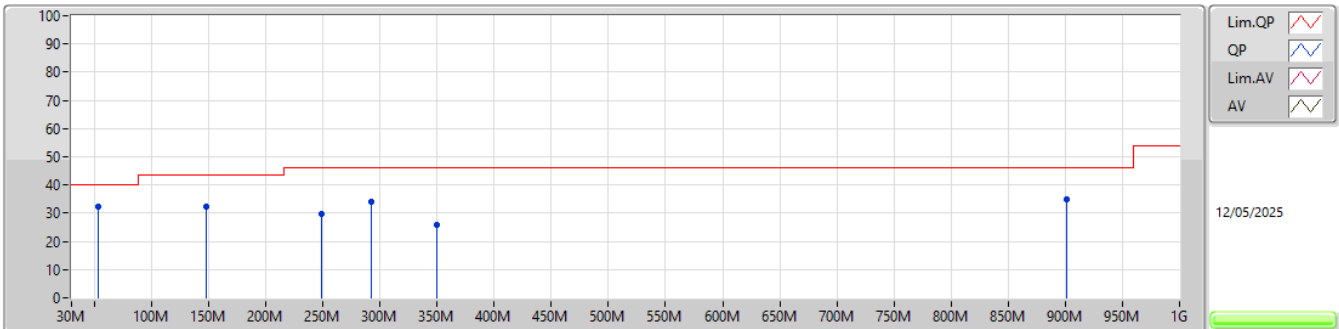
2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	35.69	40.00	-4.31	-4.98	3	Vertical	0	1.00	40.67	21.98	0.43	27.39
PK	57.16M	35.46	40.00	-4.54	-15.30	3	Vertical	0	1.00	50.76	11.46	0.57	27.33
PK	148.34M	30.42	43.50	-13.08	-10.36	3	Vertical	0	1.00	40.78	15.76	0.92	27.04
PK	198.78M	26.59	43.50	-16.91	-11.41	3	Vertical	0	1.00	38.00	14.31	1.09	26.81
PK	253.1M	31.48	46.00	-14.52	-7.35	3	Vertical	0	1.00	38.83	18.01	1.22	26.58
PK	291.9M	33.26	46.00	-12.74	-7.13	3	Vertical	0	1.00	40.39	18.19	1.29	26.61

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

2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	53.28M	32.37	40.00	-7.63	-14.87	3	Horizontal	360	1.00	47.24	11.91	0.55	27.33
PK	148.34M	32.30	43.50	-11.20	-10.36	3	Horizontal	360	1.00	42.66	15.76	0.92	27.04
PK	249.22M	29.95	46.00	-16.05	-7.90	3	Horizontal	360	1.00	37.85	17.47	1.21	26.58
PK	291.9M	34.23	46.00	-11.77	-7.13	3	Horizontal	360	1.00	41.36	18.19	1.29	26.61
PK	350.1M	25.92	46.00	-20.08	-5.98	3	Horizontal	360	1.00	31.90	19.52	1.43	26.93
PK	901.06M	35.08	46.00	-10.92	0.47	3	Horizontal	360	1.00	34.61	25.82	2.25	27.60



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.389G	53.54	54.00	-0.46	3	Horizontal	13	1.00
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3896G	53.95	54.00	-0.05	3	Horizontal	167	2.38
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.95	54.00	-0.05	3	Horizontal	166	1.63

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3878G	48.05	54.00	-5.95	3	Horizontal	13	1.00
2412MHz	Pass	AV	2.4128G	111.07	Inf	-Inf	3	Horizontal	13	1.00
2412MHz	Pass	PK	2.39G	60.53	74.00	-13.47	3	Horizontal	13	1.00
2412MHz	Pass	PK	2.4128G	114.08	Inf	-Inf	3	Horizontal	13	1.00
2412MHz	Pass	AV	4.824G	38.40	54.00	-15.60	3	Vertical	37	1.39
2412MHz	Pass	PK	4.824G	44.26	74.00	-29.74	3	Vertical	37	1.39
2412MHz	Pass	AV	4.824G	37.32	54.00	-16.68	3	Horizontal	319	1.38
2412MHz	Pass	PK	4.82382G	43.67	74.00	-30.33	3	Horizontal	319	1.38
2417MHz	Pass	AV	2.389G	53.54	54.00	-0.46	3	Horizontal	13	1.00
2417MHz	Pass	AV	2.4178G	112.14	Inf	-Inf	3	Horizontal	13	1.00
2417MHz	Pass	PK	2.3898G	61.93	74.00	-12.07	3	Horizontal	13	1.00
2417MHz	Pass	PK	2.4178G	115.01	Inf	-Inf	3	Horizontal	13	1.00
2437MHz	Pass	AV	2.38804G	47.18	54.00	-6.82	3	Horizontal	13	1.00
2437MHz	Pass	AV	2.43764G	111.96	Inf	-Inf	3	Horizontal	13	1.00
2437MHz	Pass	AV	2.48596G	49.98	54.00	-4.02	3	Horizontal	13	1.00
2437MHz	Pass	PK	2.38836G	58.60	74.00	-15.40	3	Horizontal	13	1.00
2437MHz	Pass	PK	2.43796G	114.65	Inf	-Inf	3	Horizontal	13	1.00
2437MHz	Pass	PK	2.48532G	59.92	74.00	-14.08	3	Horizontal	13	1.00
2437MHz	Pass	AV	4.874G	42.15	54.00	-11.85	3	Vertical	41	1.43
2437MHz	Pass	AV	7.31172G	44.57	54.00	-9.43	3	Vertical	354	1.37
2437MHz	Pass	PK	4.87406G	46.53	74.00	-27.47	3	Vertical	41	1.43
2437MHz	Pass	PK	7.31172G	52.09	74.00	-21.91	3	Vertical	354	1.37
2437MHz	Pass	AV	4.874G	41.58	54.00	-12.42	3	Horizontal	328	1.54
2437MHz	Pass	AV	7.31172G	49.94	54.00	-4.06	3	Horizontal	60	1.88
2437MHz	Pass	PK	4.87406G	45.97	74.00	-28.03	3	Horizontal	328	1.54
2437MHz	Pass	PK	7.31172G	55.05	74.00	-18.95	3	Horizontal	60	1.88
2457MHz	Pass	AV	2.4578G	111.99	Inf	-Inf	3	Horizontal	13	1.00
2457MHz	Pass	AV	2.4838G	52.62	54.00	-1.38	3	Horizontal	13	1.00
2457MHz	Pass	PK	2.4578G	114.74	Inf	-Inf	3	Horizontal	13	1.00
2457MHz	Pass	PK	2.4836G	62.71	74.00	-11.29	3	Horizontal	13	1.00
2462MHz	Pass	AV	2.4612G	110.51	Inf	-Inf	3	Horizontal	12	1.00
2462MHz	Pass	AV	2.4864G	50.73	54.00	-3.27	3	Horizontal	12	1.00
2462MHz	Pass	PK	2.461G	113.50	Inf	-Inf	3	Horizontal	12	1.00
2462MHz	Pass	PK	2.4838G	60.55	74.00	-13.45	3	Horizontal	12	1.00
2462MHz	Pass	AV	4.92394G	39.91	54.00	-14.09	3	Vertical	46	1.60
2462MHz	Pass	AV	7.38522G	43.53	54.00	-10.47	3	Vertical	20	2.72
2462MHz	Pass	PK	4.92376G	45.08	74.00	-28.92	3	Vertical	46	1.60
2462MHz	Pass	PK	7.38702G	51.29	74.00	-22.71	3	Vertical	20	2.72
2462MHz	Pass	AV	4.92406G	40.81	54.00	-13.19	3	Horizontal	328	1.63
2462MHz	Pass	AV	7.38522G	41.27	54.00	-12.73	3	Horizontal	342	1.91
2462MHz	Pass	PK	4.92382G	45.66	74.00	-28.34	3	Horizontal	328	1.63
2462MHz	Pass	PK	7.38534G	49.95	74.00	-24.05	3	Horizontal	342	1.91
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.79	54.00	-1.21	3	Horizontal	167	1.37
2412MHz	Pass	AV	2.4156G	105.62	Inf	-Inf	3	Horizontal	167	1.37
2412MHz	Pass	PK	2.39G	68.56	74.00	-5.44	3	Horizontal	167	1.37
2412MHz	Pass	PK	2.4158G	116.92	Inf	-Inf	3	Horizontal	167	1.37
2412MHz	Pass	AV	4.82694G	30.90	54.00	-23.10	3	Vertical	11	2.93
2412MHz	Pass	PK	4.8273G	46.03	74.00	-27.97	3	Vertical	11	2.93
2412MHz	Pass	AV	4.827G	29.16	54.00	-24.84	3	Horizontal	326	1.61
2412MHz	Pass	PK	4.82196G	43.12	74.00	-30.88	3	Horizontal	326	1.61
2417MHz	Pass	AV	2.3896G	53.95	54.00	-0.05	3	Horizontal	167	2.38
2417MHz	Pass	AV	2.4246G	105.06	Inf	-Inf	3	Horizontal	167	2.38
2417MHz	Pass	PK	2.3894G	66.95	74.00	-7.05	3	Horizontal	167	2.38
2417MHz	Pass	PK	2.424G	115.89	Inf	-Inf	3	Horizontal	167	2.38
2437MHz	Pass	AV	2.38996G	51.26	54.00	-2.74	3	Horizontal	166	2.29
2437MHz	Pass	AV	2.42932G	107.69	Inf	-Inf	3	Horizontal	166	2.29
2437MHz	Pass	AV	2.4835G	53.23	54.00	-0.77	3	Horizontal	166	2.29
2437MHz	Pass	PK	2.389G	68.91	74.00	-5.09	3	Horizontal	166	2.29
2437MHz	Pass	PK	2.4338G	118.49	Inf	-Inf	3	Horizontal	166	2.29



RSE TX above 1GHz_Non-Beamforming_Radio 1_2T1S_Dipole Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.48468G	70.28	74.00	-3.72	3	Horizontal	166	2.29
2437MHz	Pass	AV	4.8767G	34.40	54.00	-19.60	3	Vertical	20	1.37
2437MHz	Pass	AV	7.30926G	38.33	54.00	-15.67	3	Vertical	355	1.47
2437MHz	Pass	PK	4.87172G	48.58	74.00	-25.42	3	Vertical	20	1.37
2437MHz	Pass	PK	7.30962G	52.60	74.00	-21.40	3	Vertical	355	1.47
2437MHz	Pass	AV	4.87682G	32.85	54.00	-21.15	3	Horizontal	330	1.37
2437MHz	Pass	AV	7.31334G	41.39	54.00	-12.61	3	Horizontal	304	1.30
2437MHz	Pass	PK	4.88192G	46.75	74.00	-27.25	3	Horizontal	330	1.37
2437MHz	Pass	PK	7.31334G	55.66	74.00	-18.34	3	Horizontal	304	1.30
2457MHz	Pass	AV	2.4594G	105.74	Inf	-Inf	3	Horizontal	13	2.38
2457MHz	Pass	AV	2.4838G	50.31	54.00	-3.69	3	Horizontal	13	2.38
2457MHz	Pass	PK	2.459G	116.46	Inf	-Inf	3	Horizontal	13	2.38
2457MHz	Pass	PK	2.484G	65.90	74.00	-8.10	3	Horizontal	13	2.38
2462MHz	Pass	AV	2.46G	105.58	Inf	-Inf	3	Horizontal	17	1.57
2462MHz	Pass	AV	2.4836G	52.87	54.00	-1.13	3	Horizontal	17	1.57
2462MHz	Pass	PK	2.46G	117.01	Inf	-Inf	3	Horizontal	17	1.57
2462MHz	Pass	PK	2.484G	68.68	74.00	-5.32	3	Horizontal	17	1.57
2462MHz	Pass	AV	4.92202G	34.55	54.00	-19.45	3	Vertical	21	1.28
2462MHz	Pass	AV	7.38942G	35.73	54.00	-18.27	3	Vertical	358	1.63
2462MHz	Pass	PK	4.9216G	48.97	74.00	-25.03	3	Vertical	21	1.28
2462MHz	Pass	PK	7.39398G	49.37	74.00	-24.63	3	Vertical	358	1.63
2462MHz	Pass	AV	4.92682G	33.39	54.00	-20.61	3	Horizontal	329	1.57
2462MHz	Pass	AV	7.38348G	36.86	54.00	-17.14	3	Horizontal	304	1.11
2462MHz	Pass	PK	4.92208G	47.89	74.00	-26.11	3	Horizontal	329	1.57
2462MHz	Pass	PK	7.37952G	51.33	74.00	-22.67	3	Horizontal	304	1.11
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.91	54.00	-2.09	3	Horizontal	14	2.18
2412MHz	Pass	AV	2.4208G	104.37	Inf	-Inf	3	Horizontal	14	2.18
2412MHz	Pass	PK	2.39G	66.11	74.00	-7.89	3	Horizontal	14	2.18
2412MHz	Pass	PK	2.421G	117.20	Inf	-Inf	3	Horizontal	14	2.18
2412MHz	Pass	AV	4.82538G	29.57	54.00	-24.43	3	Vertical	11	2.93
2412MHz	Pass	PK	4.82052G	42.89	74.00	-31.11	3	Vertical	11	2.93
2412MHz	Pass	AV	4.82556G	28.17	54.00	-25.83	3	Horizontal	324	1.50
2412MHz	Pass	PK	4.82298G	42.09	74.00	-31.91	3	Horizontal	324	1.50
2417MHz	Pass	AV	2.39G	53.04	54.00	-0.96	3	Horizontal	165	2.63
2417MHz	Pass	AV	2.423G	104.30	Inf	-Inf	3	Horizontal	165	2.63
2417MHz	Pass	PK	2.39G	65.80	74.00	-8.20	3	Horizontal	165	2.63
2417MHz	Pass	PK	2.4206G	117.64	Inf	-Inf	3	Horizontal	165	2.63
2437MHz	Pass	AV	2.38996G	53.84	54.00	-0.16	3	Horizontal	166	1.63
2437MHz	Pass	AV	2.43604G	106.30	Inf	-Inf	3	Horizontal	166	1.63
2437MHz	Pass	AV	2.4835G	53.95	54.00	-0.05	3	Horizontal	166	1.63
2437MHz	Pass	PK	2.38996G	67.97	74.00	-6.03	3	Horizontal	166	1.63
2437MHz	Pass	PK	2.42836G	120.41	Inf	-Inf	3	Horizontal	166	1.63
2437MHz	Pass	PK	2.4835G	68.06	74.00	-5.94	3	Horizontal	166	1.63
2437MHz	Pass	AV	4.87526G	33.26	54.00	-20.74	3	Vertical	18	1.43
2437MHz	Pass	AV	7.31022G	37.44	54.00	-16.56	3	Vertical	355	1.46
2437MHz	Pass	PK	4.87034G	47.69	74.00	-26.31	3	Vertical	18	1.43
2437MHz	Pass	PK	7.3125G	51.86	74.00	-22.14	3	Vertical	355	1.46
2437MHz	Pass	AV	4.87562G	32.75	54.00	-21.25	3	Horizontal	326	1.52
2437MHz	Pass	AV	7.31232G	39.98	54.00	-14.02	3	Horizontal	304	1.24
2437MHz	Pass	PK	4.87526G	46.49	74.00	-27.51	3	Horizontal	326	1.52
2437MHz	Pass	PK	7.30488G	53.76	74.00	-20.24	3	Horizontal	304	1.24
2457MHz	Pass	AV	2.4586G	105.14	Inf	-Inf	3	Horizontal	16	1.59
2457MHz	Pass	AV	2.4835G	52.85	54.00	-1.15	3	Horizontal	16	1.59
2457MHz	Pass	PK	2.4582G	118.78	Inf	-Inf	3	Horizontal	16	1.59
2457MHz	Pass	PK	2.4835G	68.76	74.00	-5.24	3	Horizontal	16	1.59
2462MHz	Pass	AV	2.461G	103.13	Inf	-Inf	3	Horizontal	16	1.58
2462MHz	Pass	AV	2.4835G	52.72	54.00	-1.28	3	Horizontal	16	1.58
2462MHz	Pass	PK	2.4584G	116.95	Inf	-Inf	3	Horizontal	16	1.58
2462MHz	Pass	PK	2.484G	68.10	74.00	-5.90	3	Horizontal	16	1.58
2462MHz	Pass	AV	4.92292G	31.76	54.00	-22.24	3	Vertical	20	1.50
2462MHz	Pass	AV	7.3824G	33.78	54.00	-20.22	3	Vertical	360	1.50

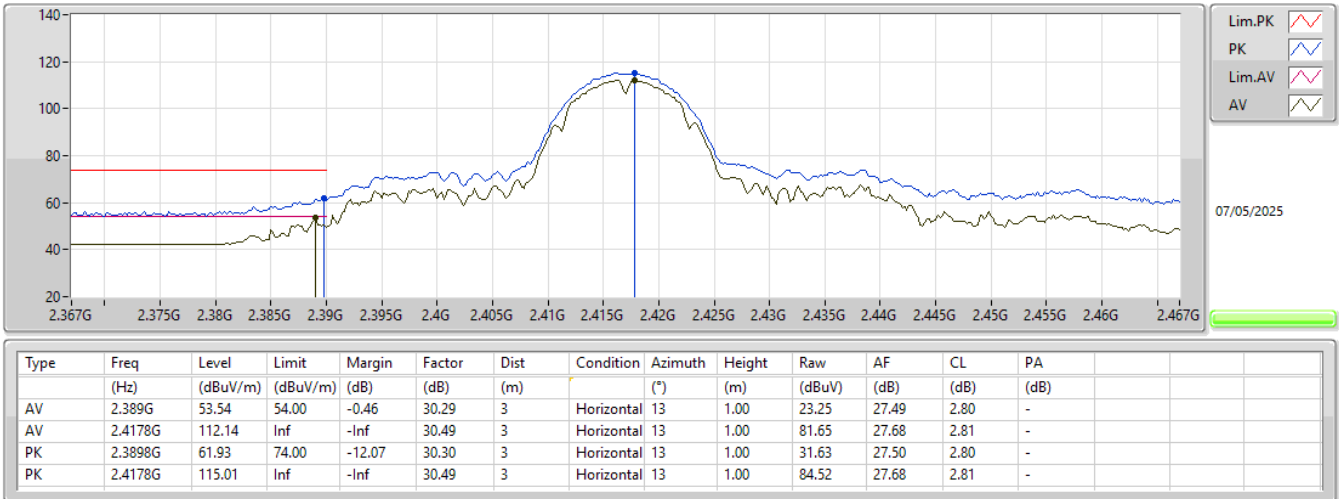


RSE TX above 1GHz_Non-Beamforming_Radio 1_2T1S_Dipole Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	PK	4.91776G	45.82	74.00	-28.18	3	Vertical	20	1.50
2462MHz	Pass	PK	7.38966G	47.80	74.00	-26.20	3	Vertical	360	1.50
2462MHz	Pass	AV	4.92556G	31.09	54.00	-22.91	3	Horizontal	327	1.66
2462MHz	Pass	AV	7.38456G	34.65	54.00	-19.35	3	Horizontal	306	1.50
2462MHz	Pass	PK	4.92082G	45.45	74.00	-28.55	3	Horizontal	327	1.66
2462MHz	Pass	PK	7.38186G	48.38	74.00	-25.62	3	Horizontal	306	1.50

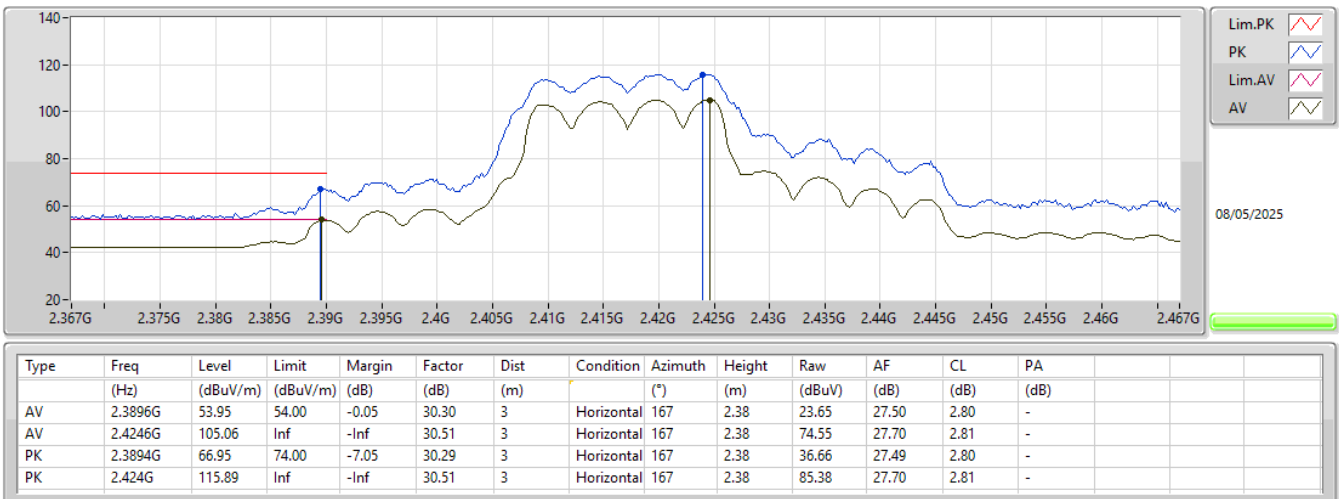
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX



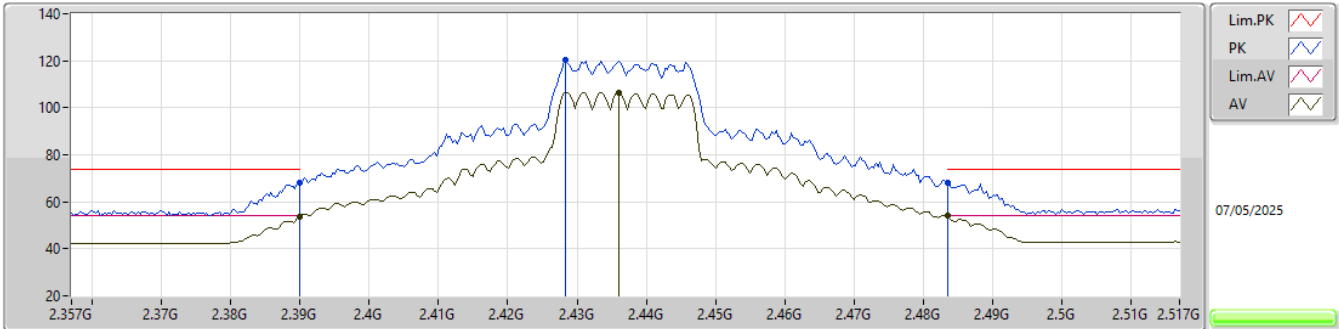
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX



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

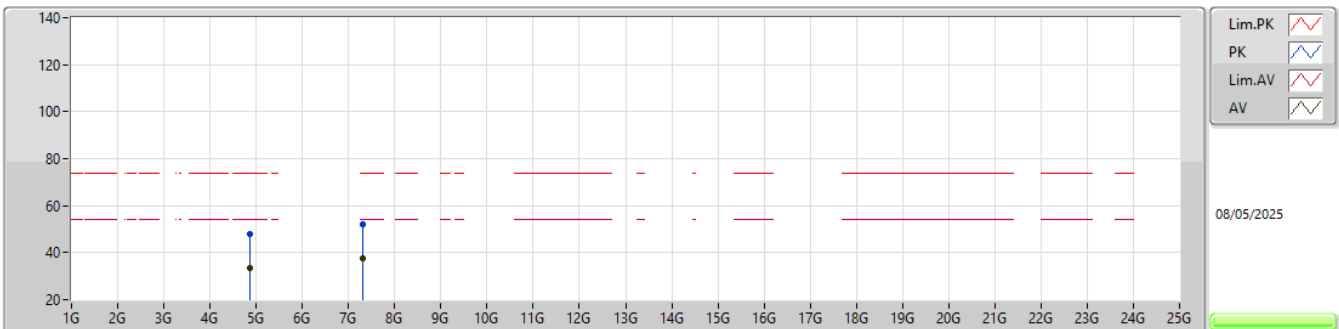
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.38996G	53.84	54.00	-0.16	30.30	3	Horizontal	166	1.63	23.54	27.50	2.80	-
AV	2.43604G	106.30	Inf	-Inf	30.51	3	Horizontal	166	1.63	75.79	27.70	2.81	-
AV	2.4835G	53.95	54.00	-0.05	30.71	3	Horizontal	166	1.63	23.24	27.90	2.81	-
PK	2.38996G	67.97	74.00	-6.03	30.30	3	Horizontal	166	1.63	37.67	27.50	2.80	-
PK	2.42836G	120.41	Inf	-Inf	30.51	3	Horizontal	166	1.63	89.90	27.70	2.81	-
PK	2.4835G	68.06	74.00	-5.94	30.71	3	Horizontal	166	1.63	37.35	27.90	2.81	-

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

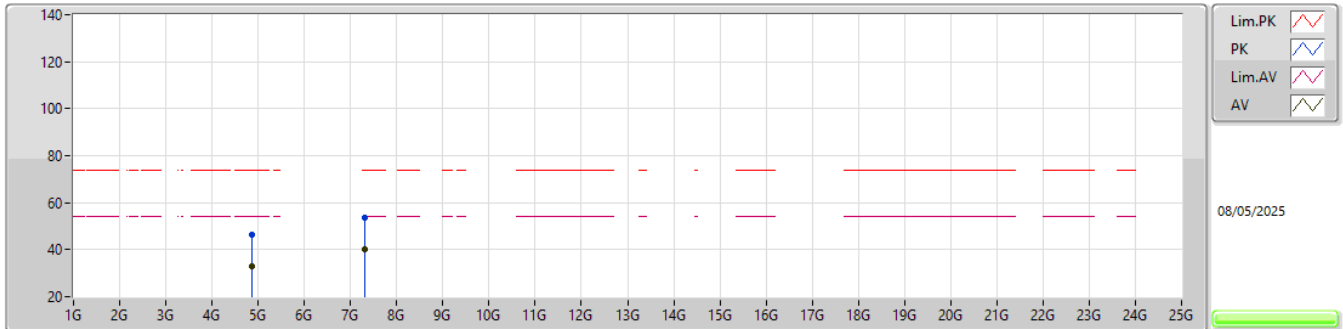
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87526G	33.26	54.00	-20.74	-1.17	3	Vertical	18	1.43	34.43	32.80	4.24	38.21
AV	7.31022G	37.44	54.00	-16.56	6.39	3	Vertical	355	1.46	31.05	37.36	6.00	36.97
PK	4.87034G	47.69	74.00	-26.31	-1.19	3	Vertical	18	1.43	48.88	32.78	4.24	38.21
PK	7.3125G	51.86	74.00	-22.14	6.38	3	Vertical	355	1.46	45.48	37.35	6.00	36.97

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

2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	4.87562G	32.75	54.00	-21.25	-1.17	3	Horizontal	326	1.52	33.92	32.80	4.24	38.21				
AV	7.31232G	39.98	54.00	-14.02	6.38	3	Horizontal	304	1.24	33.60	37.35	6.00	36.97				
PK	4.87526G	46.49	74.00	-27.51	-1.17	3	Horizontal	326	1.52	47.66	32.80	4.24	38.21				
PK	7.30488G	53.76	74.00	-20.24	6.39	3	Horizontal	304	1.24	47.37	37.38	5.99	36.98				