



FCC Radio Test Report

FCC ID : TOR-O435
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : O-435 / O-435E
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara,
CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara,
CA 95054 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 28, 2024, and testing was started from Nov. 12, 2024 and completed on Jan. 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 C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	12
1.3 Testing Location Information	12
1.4 Measurement Uncertainty	12
2 TEST CONFIGURATION OF EUT.....	13
2.1 Test Channel Mode	13
2.2 The Worst Case Measurement Configuration	16
2.3 Accessories	17
2.4 Support Equipment.....	17
2.5 Test Setup Diagram	18
3 TRANSMITTER TEST RESULT	20
3.1 AC Power-line Conducted Emissions	20
3.2 DTS Bandwidth.....	22
3.3 Maximum Conducted Output Power	23
3.4 Power Spectral Density	25
3.5 Emissions in Non-restricted Frequency Bands	26
3.6 Emissions in Restricted Frequency Bands.....	27
4 TEST EQUIPMENT AND CALIBRATION DATA.....	31
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
FR4O0402AC	01	Initial issue of report	Mar. 11, 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: Ryan 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]
2400-2483.5	n (HT40), VHT40, ax(HEW40), be(EHT40)	2422-2452	3-9 [7]

Non-Beamforming_Radio 0_O-435

Band	Mode	BWch	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
2.4-2.4835GHz	802.11be EHT40	40	2TX

Non-Beamforming_Radio 1_O-435

Band	Mode	BWch	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
2.4-2.4835GHz	802.11be EHT40	40	2TX

Beamforming_Radio 0_O-435

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Beamforming_Radio 1_O-435

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Non-Beamforming_Radio 0_O-435E

Band	Mode	BWch	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
2.4-2.4835GHz	802.11be EHT40	40	2TX

**Non-Beamforming_Radio 1_O-435E**

Band	Mode	BWch	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
2.4-2.4835GHz	802.11be EHT40	40	2TX

Beamforming_Radio 0_O-435E

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Beamforming_Radio 1_O-435E

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/HEW20/HEW40 mode are the same or lower than EHT20/EHT40.

**1.1.2 Antenna Information****O-435**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510240-A	PIFA	I-Pex	6G	Radio 2
2	WHAYU	C393-510240-A	PIFA	I-Pex	6G	Radio 2
3	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G+6G	Radio 0
4	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G+6G	Radio 0
5	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G	Radio 1+Radio 2
6	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G	Radio 1+Radio 2
7	WHAYU	C393-510240-A	PIFA	I-Pex	BT	-
8	WHAYU	C393-510240-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	-	-	-	-	-	5.72	5.17	3.67	4.67	-	-
2	2	-	-	-	-	-	5.85	5.09	4.29	3.84	-	-
3	1	3.1	5.33	5.97	4.41	3.32	5	4.13	4.87	3.99	-	-
4	2	3.26	4.32	4.56	5.26	4.37	4.41	5.15	4.7	3.73	-	-
5	1	2.85	3.69	3.89	4.64	4.83	-	-	-	-	-	-
6	2	2.54	3.35	4.34	5.05	3.83	-	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	6.3	-
8	1	-	-	-	-	-	-	-	-	-	-	2.7

Composite Gain (dBi)											
Ant.		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1~2	DG [1SS]	-	-	-	-	-	6.2	6.74	5.04	5.54	
	DG [2SS]	-	-	-	-	-	5.85	5.17	4.29	4.67	
3~4	DG [1SS]	5.22	6.59	6.67	6.55	5.22	6.23	6.48	6.18	5.51	
	DG [2SS]	3.26	5.33	5.97	5.26	4.37	5	5.15	4.87	3.99	
5~6	DG [1SS]	4.24	5.3	4.88	5.54	4.84	-	-	-	-	
	DG [2SS]	2.85	3.69	4.34	5.05	4.83	-	-	-	-	

Note 1: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP4O0402.

O-435E

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510293-A	Panel	N-type	6G	Radio 2
2	WHAYU	C393-510293-A	Panel	N-type	6G	Radio 2
3	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G+6G	Radio 0
4	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G+6G	Radio 0
5	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G	Radio 1+Radio 2
6	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G	Radio 1+Radio 2
7	WHAYU	C393-510240-A	PIFA	I-Pex	BT	-
8	WHAYU	C393-510240-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	-	-	-	-	-	5.39	3.98	4.51	-	-	-
2	2	-	-	-	-	-	5.98	4.5	5.14	-	-	-
3	1	6.81	5.79	4.86	5.61	5.53	5.95	3.51	4.58	-	-	-
4	2	7.22	4.63	4.62	5.1	4.48	4.99	3.7	4.09	-	-	-
5	1	6.39	4.74	4.75	5.31	4.52	-	-	-	-	-	-
6	2	6.66	4.79	4.45	5.32	5.16	-	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	6.5	-
8	1	-	-	-	-	-	-	-	-	-	-	3.6

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



Note 3: The EUT has eight antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) < **Radio 0** >

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 0** >

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously

For 6GHz function:

For IEEE 802.11 ax/be mode(2TX/2RX) < **Radio 0** >

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

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

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

For BT function:

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

Ant. 7 (port 1) could transmit/receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
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 Table for Multiple Listing

Model Name	Description
O-435	Wi-Fi Internal Antenna
O-435E	Wi-Fi External Antenna

1.1.5 Mode Test Duty Cycle

Non-Beamforming_Radio 0_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Non-Beamforming_Radio 1_O-435

Mode	DC	DCF (dB)	T (s)	VBW
				(Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming_Radio 0_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming_Radio 1_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Non-Beamforming_Radio 0_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

**Non-Beamforming_Radio 1_O-435E**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming_Radio 0_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming_Radio 1_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ 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	Simon Cheng	22.1~23.6°C / 53~58%	04/Dec/2024
Radiated (Co-location)	03CH02-HY	Vasari Huang	20.1~20.6°C / 51~55%	22/Jan/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	22.9~23.5°C / 53~56%	15/Nov/2024~24/Dec/2024
Radiated (Radio 0)	03CH25-HY	Rian Chung	21.7~22.1°C / 51~54%	04/Dec/2024~05/Dec/2024
Radiated (Radio 1 O-435)	03CH24-HY	Billy Wang	22.1~23.1°C / 50~54%	12/Nov/2024~13/Nov/2024
Radiated (Radio 1 O-435E)	03CH24-HY	Billy Wang	22.2~23.3°C / 51~54%	12/Nov/2024~23/Nov/2024

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	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	dart_conn.win.1.0_installer_00099
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Non-Beamforming_Radio 0_O-435

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2452MHz	16

Non-Beamforming_Radio 1_O-435

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	18
2452MHz	18

**Beamforming_Radio 0_O-435**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2452MHz	16

Beamforming_Radio 1_O-435

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	18
2452MHz	18

Non-Beamforming_Radio 0_O-435E

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2452MHz	16

**Non-Beamforming_Radio 1_O-435E**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	18
2452MHz	18

Beamforming_Radio 0_O-435E

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2452MHz	16

Beamforming_Radio 1_O-435E

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	18
2452MHz	18

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	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1 (2.4G) + Radio 2 (5G B1, B4) + Radio 0 (2.4G) + Bluetooth
2	Radio 1 (2.4G) + Radio 2 (5G B1, B4) + Radio 0 (5G B1, B4) + Bluetooth
Refer to Sporton Test Report No.: FA4O0402 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Pole mount 1	Brand Name	ARISTA	Model Name	M/E KIT ASSY (BRACKET)
Pole mount 2	Brand Name	ARISTA	Model Name	M/E KIT ASSY (Cable ties)

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

2.4 Support Equipment

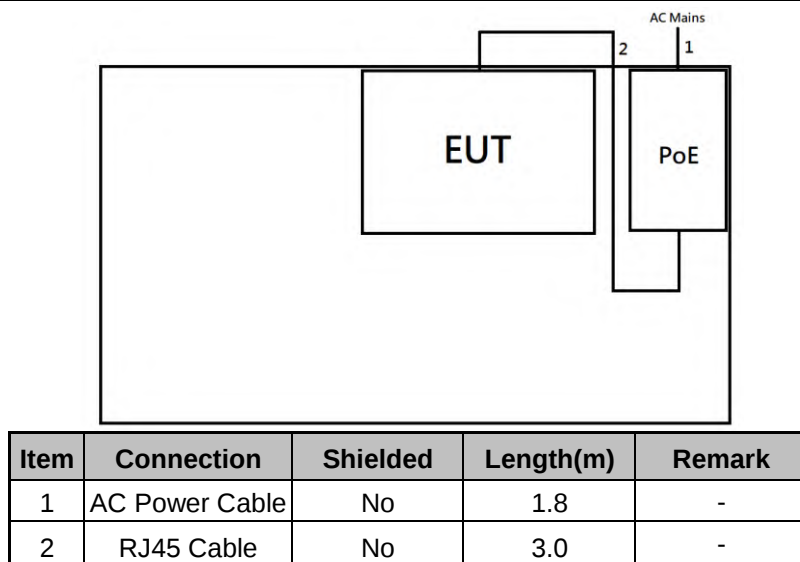
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	External Antenna	WHAYU	C393-510293-A	-	Provided by Customer
2	RJ-45 Cable	Power sync	CAT-6E-03	-	-
3	PoE	PHIHONG	POE20U-560(G)	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

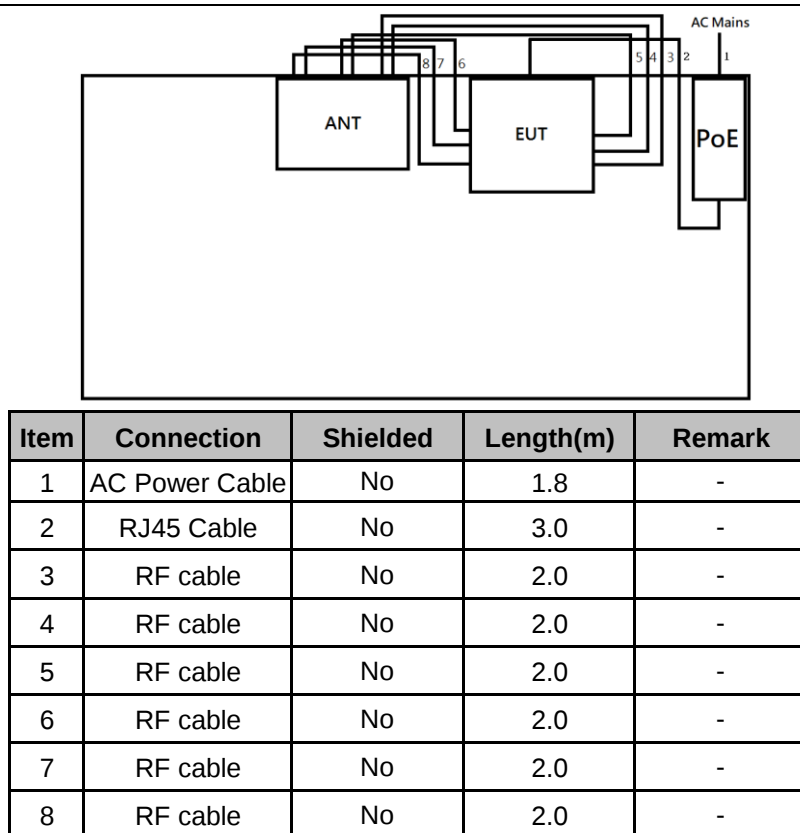
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	External Antenna	WHAYU	C393-510293-A	-	Provided by Customer
3	PoE	PHIHONG	POE20U-560(G)	-	Remote

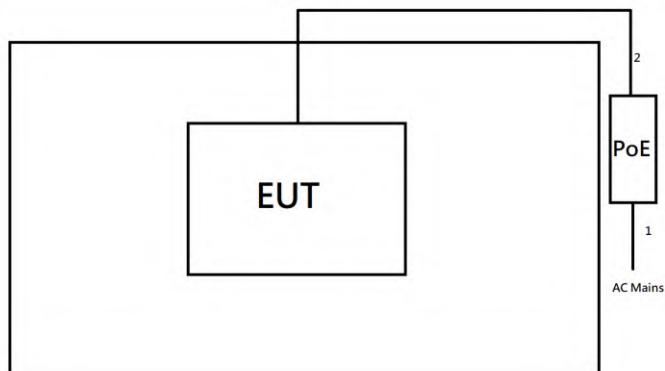
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (O-435)

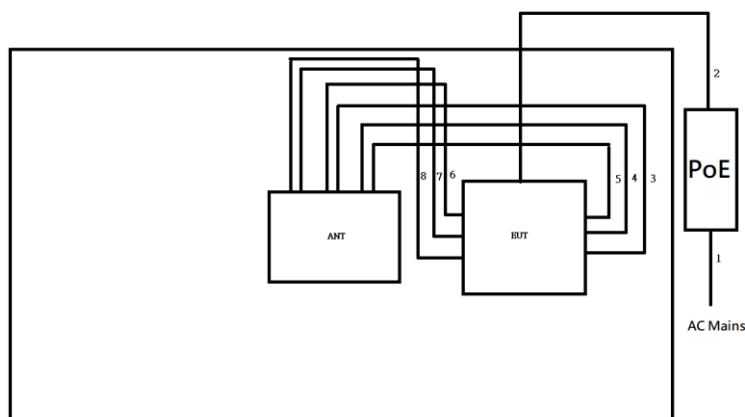


Test Setup Diagram – AC Line Conducted Emission Test (O-435E)



Test Setup Diagram - Radiated Test (O-435)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-

Test Setup Diagram - Radiated Test (O-435E)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-
3	RF cable	No	2.0	-
4	RF cable	No	2.0	-
5	RF cable	No	2.0	-
6	RF cable	No	2.0	-
7	RF cable	No	2.0	-
8	RF cable	No	2.0	-

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

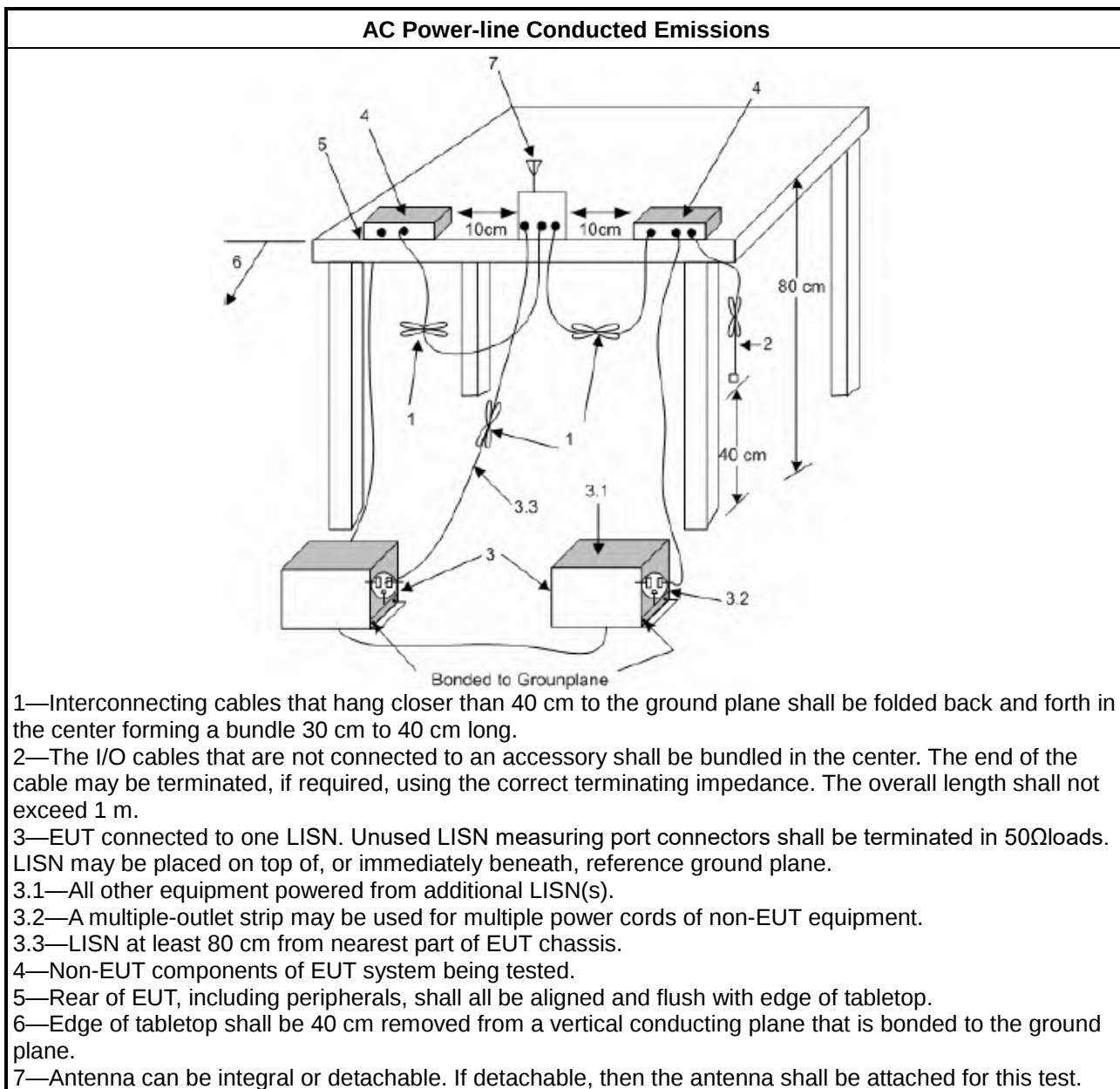
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

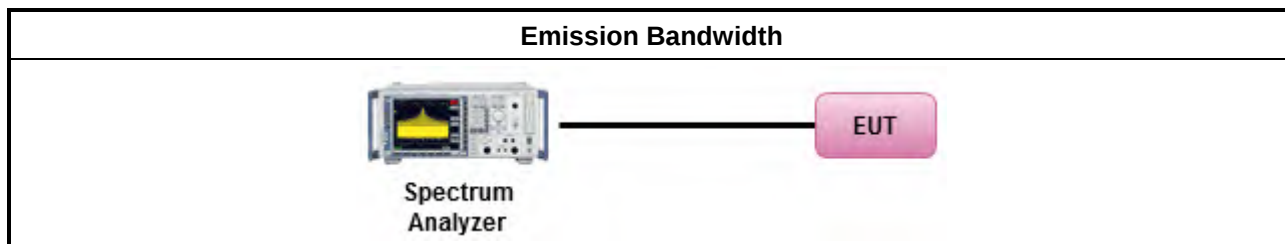
3.2.2 Measuring Instruments

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.	

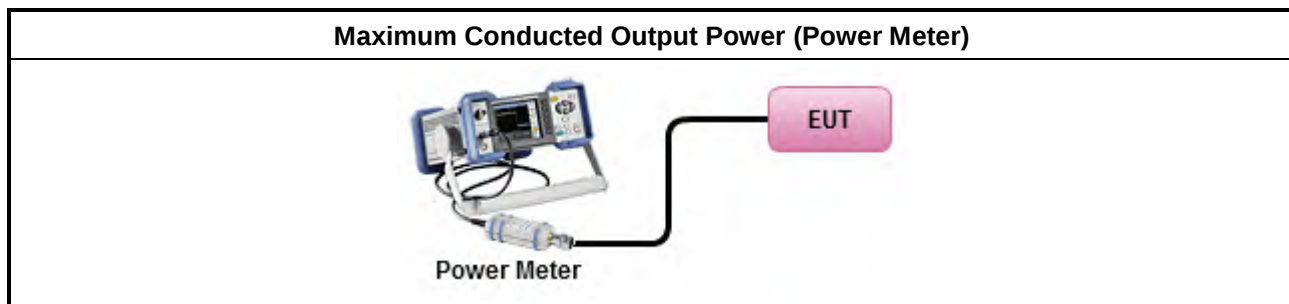
3.3.2 Measuring Instruments

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 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 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

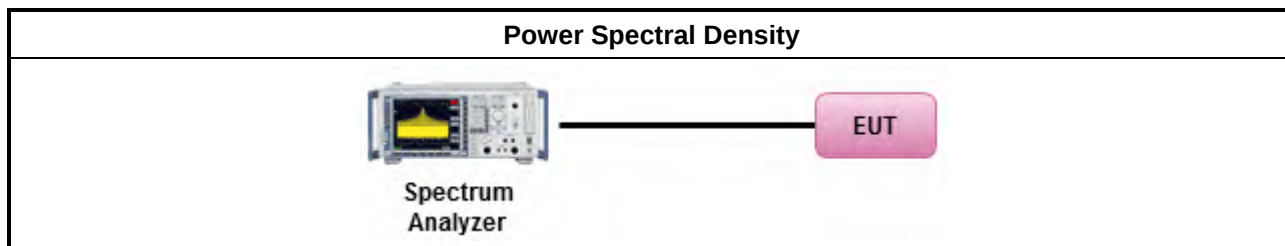
3.4.2 Measuring Instruments

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.	

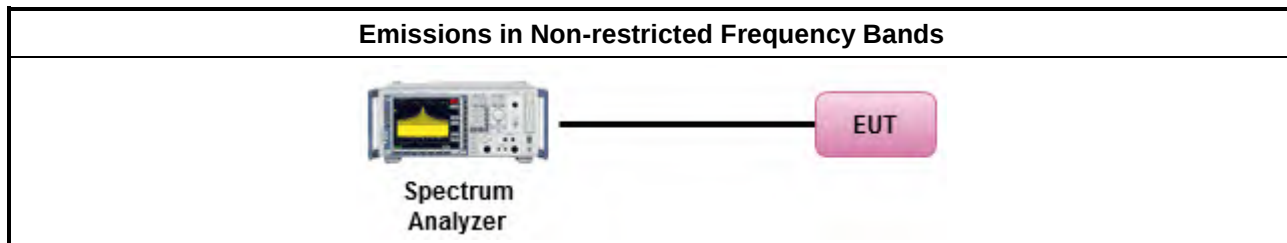
3.5.2 Measuring Instruments

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

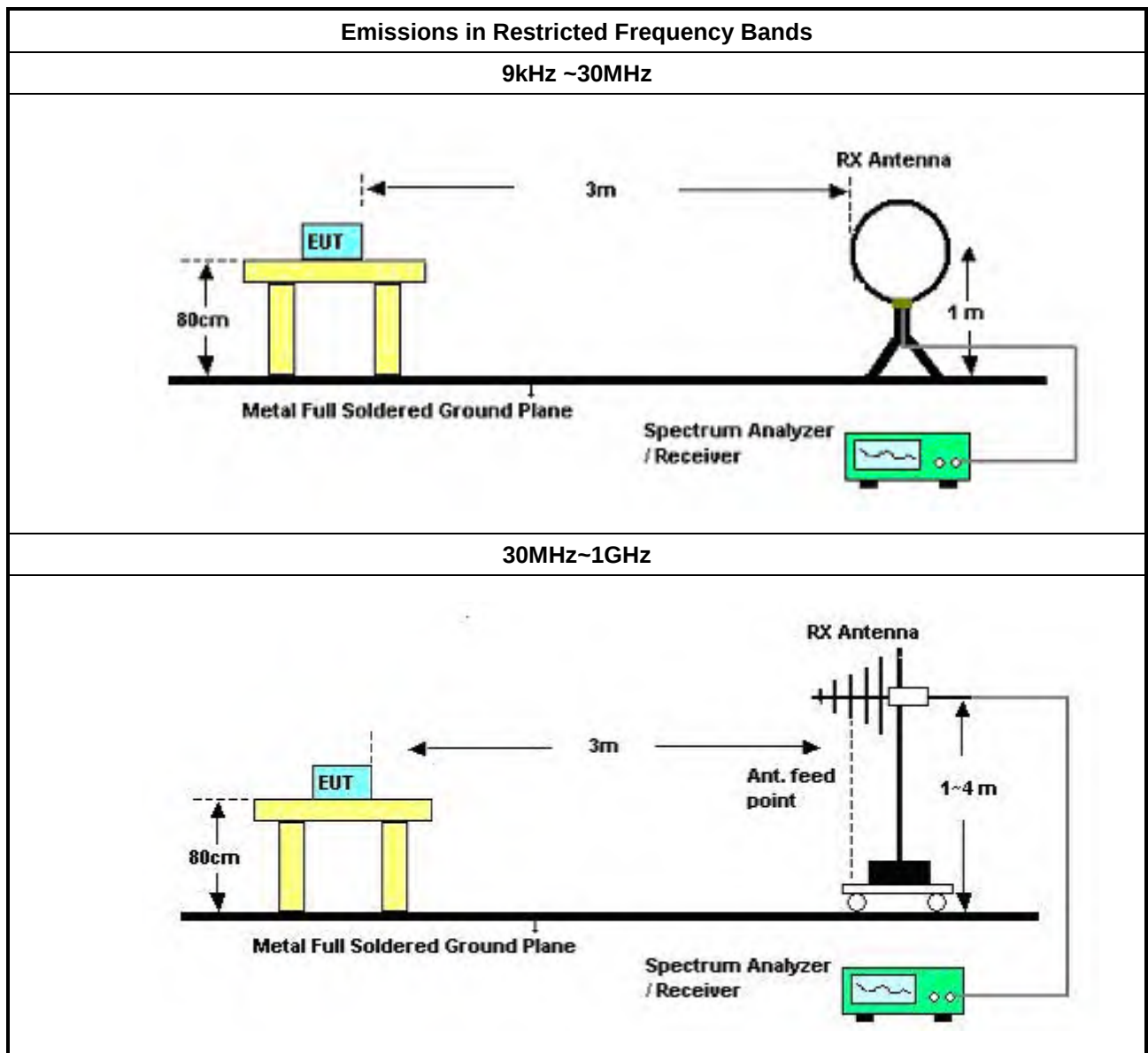
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted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

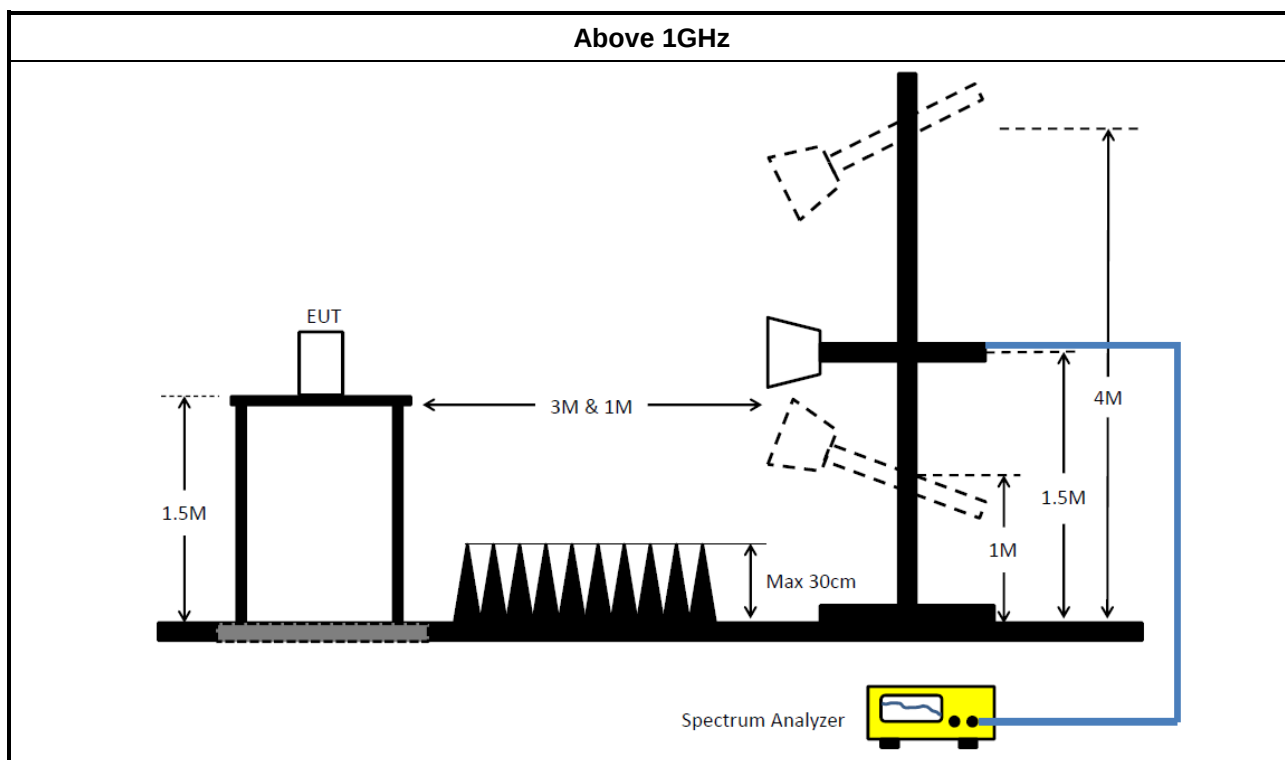
3.6.4 Measurement Results Calculation

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	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

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	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15247_DTS	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH25-HY_Radio 0)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	20/Jul/2024	19/Jul/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	27/Aug/2024	26/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	30/May/2024	29/May/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2024	23/Apr/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15247-DTS	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (03CH24-HY_Radio 1)**

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	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	14/Apr/2024	13/Apr/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/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	18/Apr/2024	17/Apr/2025
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15247-DTS	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (03CH02-HY_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	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
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	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



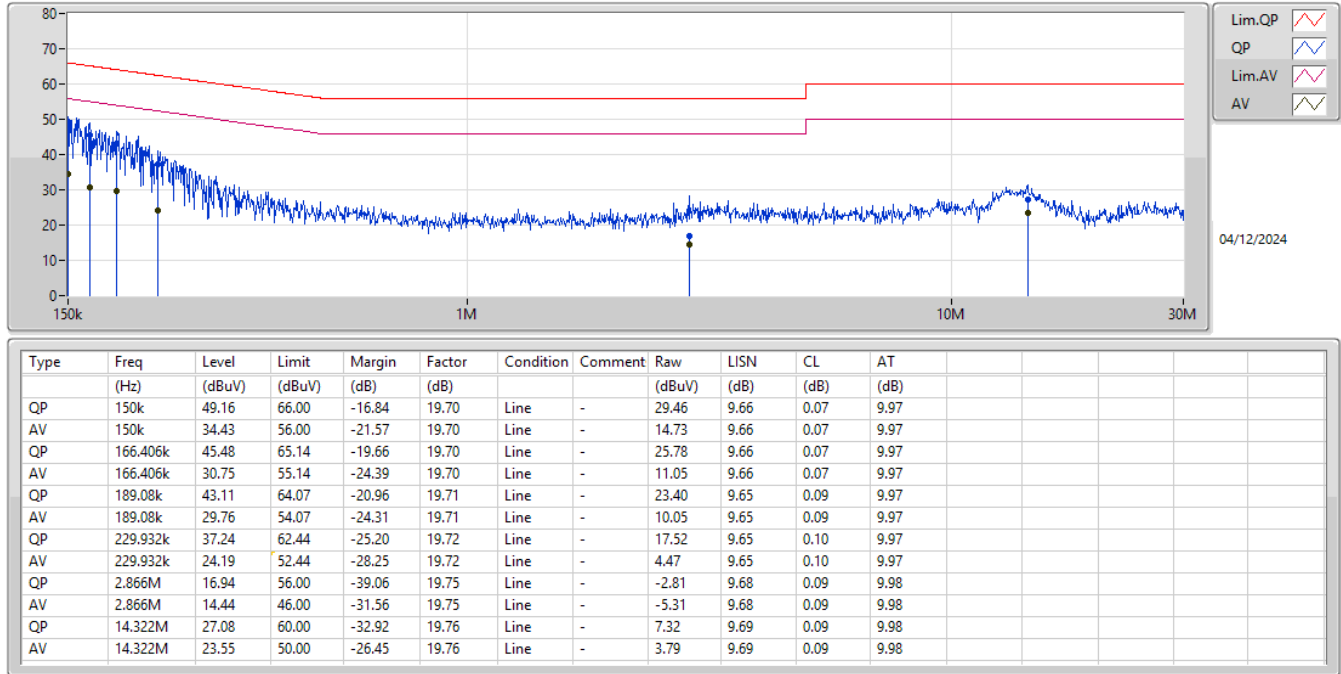
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	49.45	65.96	-16.51	Neutral

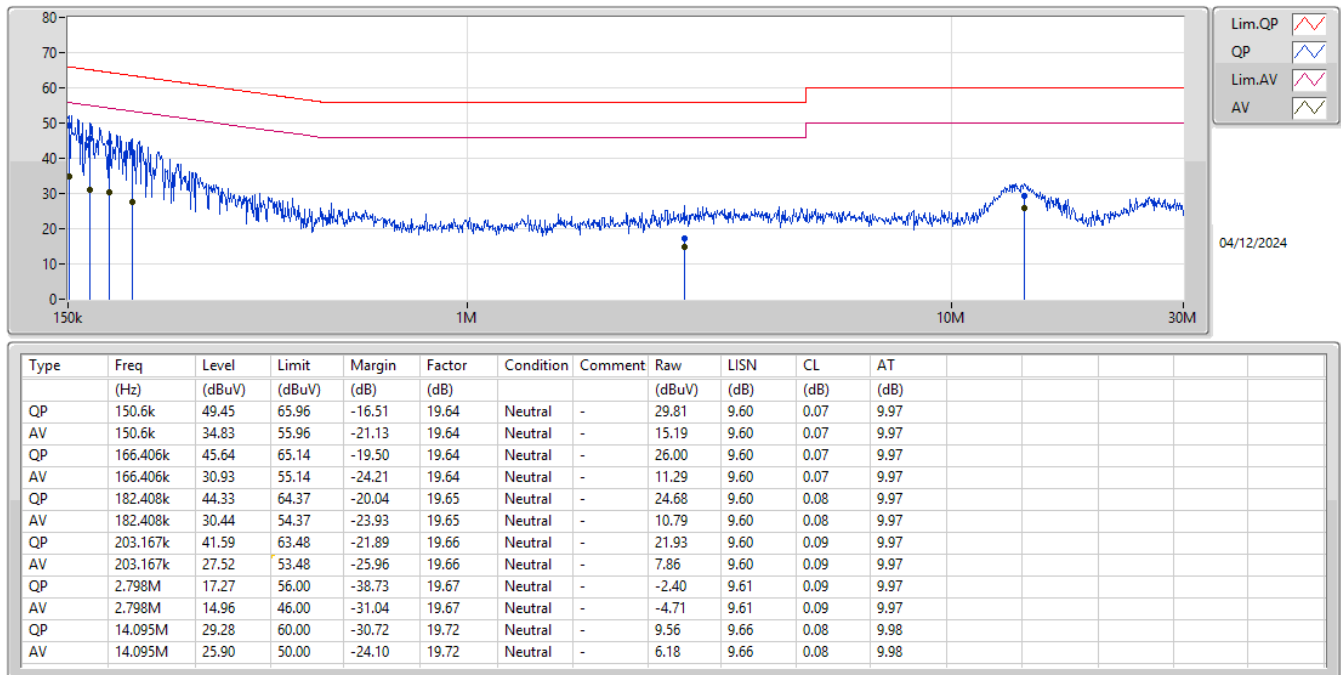
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	49.16	66.00	-16.84	Line
Mode 1	Pass	AV	150k	34.43	56.00	-21.57	Line
Mode 1	Pass	QP	166.406k	45.48	65.14	-19.66	Line
Mode 1	Pass	AV	166.406k	30.75	55.14	-24.39	Line
Mode 1	Pass	QP	189.08k	43.11	64.07	-20.96	Line
Mode 1	Pass	AV	189.08k	29.76	54.07	-24.31	Line
Mode 1	Pass	QP	229.932k	37.24	62.44	-25.20	Line
Mode 1	Pass	AV	229.932k	24.19	52.44	-28.25	Line
Mode 1	Pass	QP	2.866M	16.94	56.00	-39.06	Line
Mode 1	Pass	AV	2.866M	14.44	46.00	-31.56	Line
Mode 1	Pass	QP	14.322M	27.08	60.00	-32.92	Line
Mode 1	Pass	AV	14.322M	23.55	50.00	-26.45	Line
Mode 1	Pass	QP	150.6k	49.45	65.96	-16.51	Neutral
Mode 1	Pass	AV	150.6k	34.83	55.96	-21.13	Neutral
Mode 1	Pass	QP	166.406k	45.64	65.14	-19.50	Neutral
Mode 1	Pass	AV	166.406k	30.93	55.14	-24.21	Neutral
Mode 1	Pass	QP	182.408k	44.33	64.37	-20.04	Neutral
Mode 1	Pass	AV	182.408k	30.44	54.37	-23.93	Neutral
Mode 1	Pass	QP	203.167k	41.59	63.48	-21.89	Neutral
Mode 1	Pass	AV	203.167k	27.52	53.48	-25.96	Neutral
Mode 1	Pass	QP	2.798M	17.27	56.00	-38.73	Neutral
Mode 1	Pass	AV	2.798M	14.96	46.00	-31.04	Neutral
Mode 1	Pass	QP	14.095M	29.28	60.00	-30.72	Neutral
Mode 1	Pass	AV	14.095M	25.90	50.00	-24.10	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_Radio 1_O-435 Appendix A.2

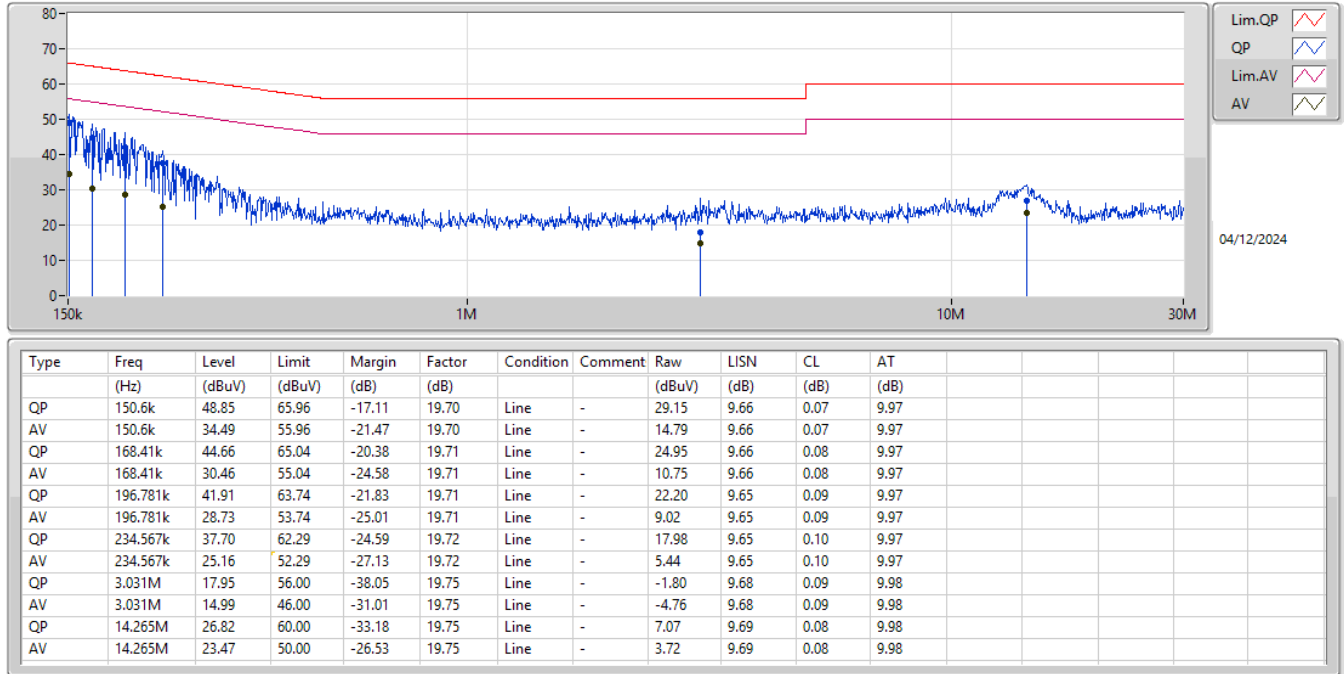
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	48.85	65.96	-17.11	Line

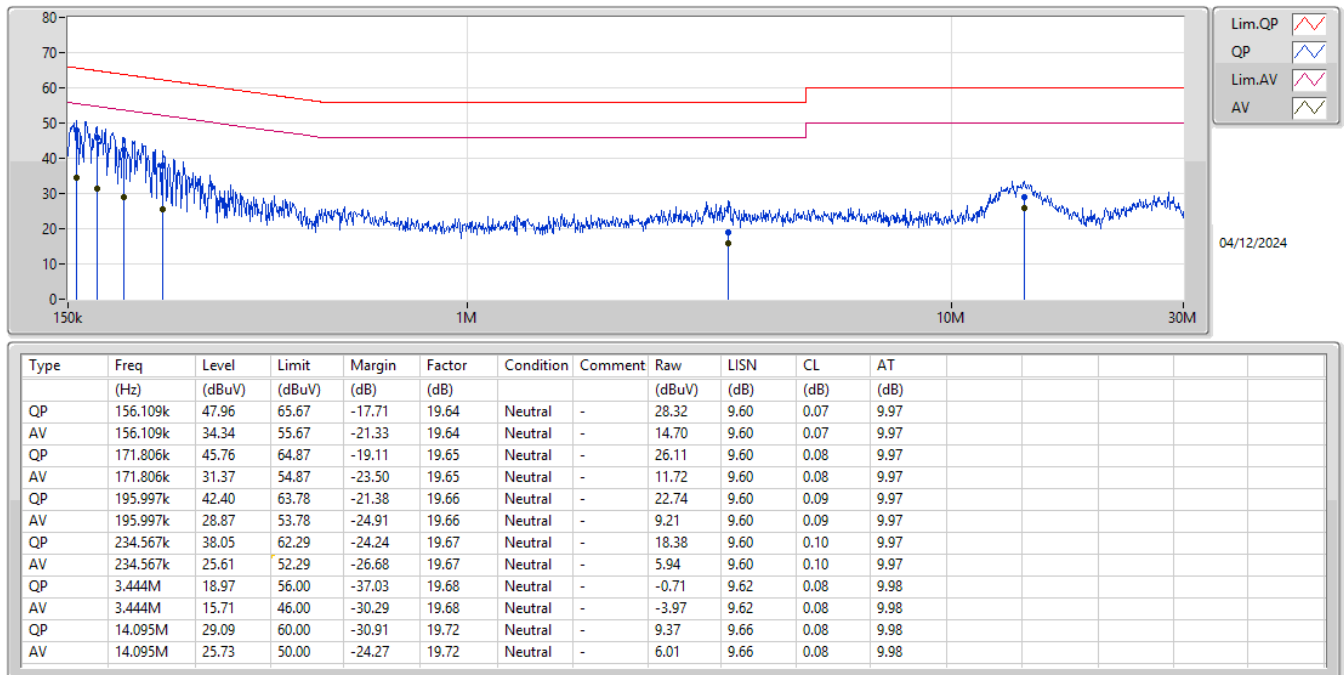
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	48.85	65.96	-17.11	Line
Mode 1	Pass	AV	150.6k	34.49	55.96	-21.47	Line
Mode 1	Pass	QP	168.41k	44.66	65.04	-20.38	Line
Mode 1	Pass	AV	168.41k	30.46	55.04	-24.58	Line
Mode 1	Pass	QP	196.781k	41.91	63.74	-21.83	Line
Mode 1	Pass	AV	196.781k	28.73	53.74	-25.01	Line
Mode 1	Pass	QP	234.567k	37.70	62.29	-24.59	Line
Mode 1	Pass	AV	234.567k	25.16	52.29	-27.13	Line
Mode 1	Pass	QP	3.031M	17.95	56.00	-38.05	Line
Mode 1	Pass	AV	3.031M	14.99	46.00	-31.01	Line
Mode 1	Pass	QP	14.265M	26.82	60.00	-33.18	Line
Mode 1	Pass	AV	14.265M	23.47	50.00	-26.53	Line
Mode 1	Pass	QP	156.109k	47.96	65.67	-17.71	Neutral
Mode 1	Pass	AV	156.109k	34.34	55.67	-21.33	Neutral
Mode 1	Pass	QP	171.806k	45.76	64.87	-19.11	Neutral
Mode 1	Pass	AV	171.806k	31.37	54.87	-23.50	Neutral
Mode 1	Pass	QP	195.997k	42.40	63.78	-21.38	Neutral
Mode 1	Pass	AV	195.997k	28.87	53.78	-24.91	Neutral
Mode 1	Pass	QP	234.567k	38.05	62.29	-24.24	Neutral
Mode 1	Pass	AV	234.567k	25.61	52.29	-26.68	Neutral
Mode 1	Pass	QP	3.444M	18.97	56.00	-37.03	Neutral
Mode 1	Pass	AV	3.444M	15.71	46.00	-30.29	Neutral
Mode 1	Pass	QP	14.095M	29.09	60.00	-30.91	Neutral
Mode 1	Pass	AV	14.095M	25.73	50.00	-24.27	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





**Conducted Emissions at Powerline_Non-Beamforming_
Radio 0_O-435E**

Appendix A.3

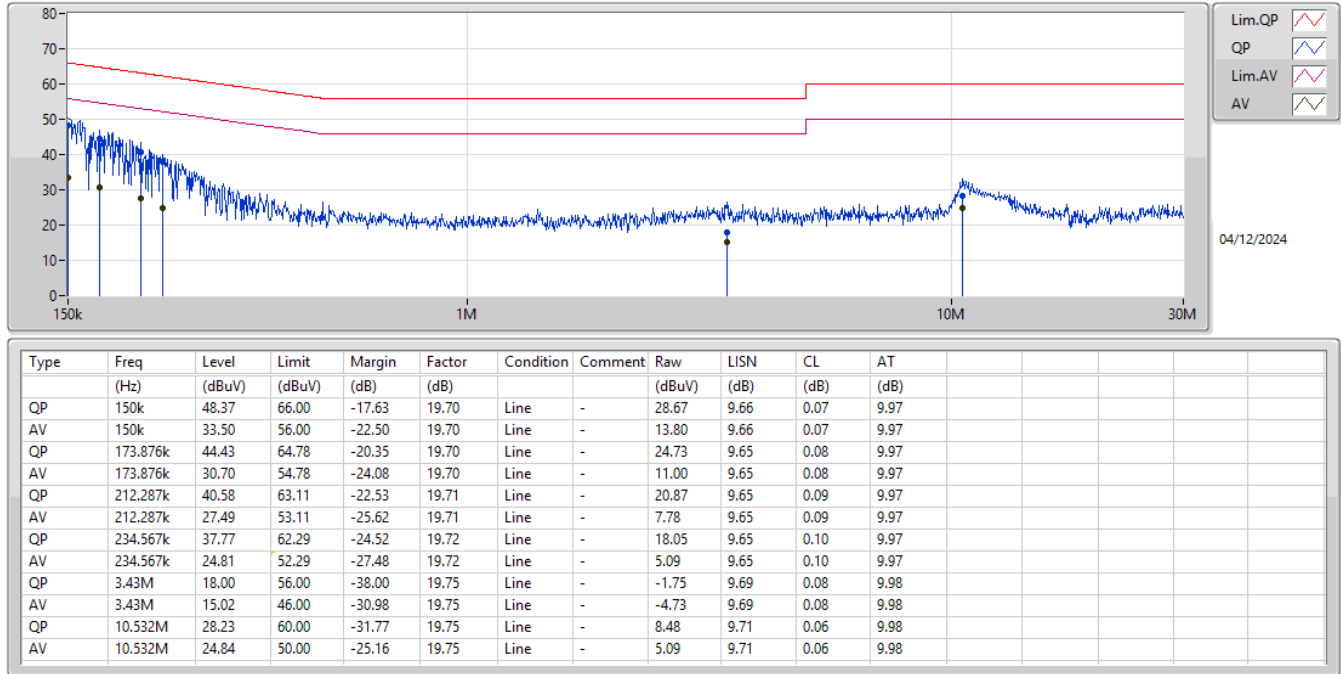
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	48.37	66.00	-17.63	Line

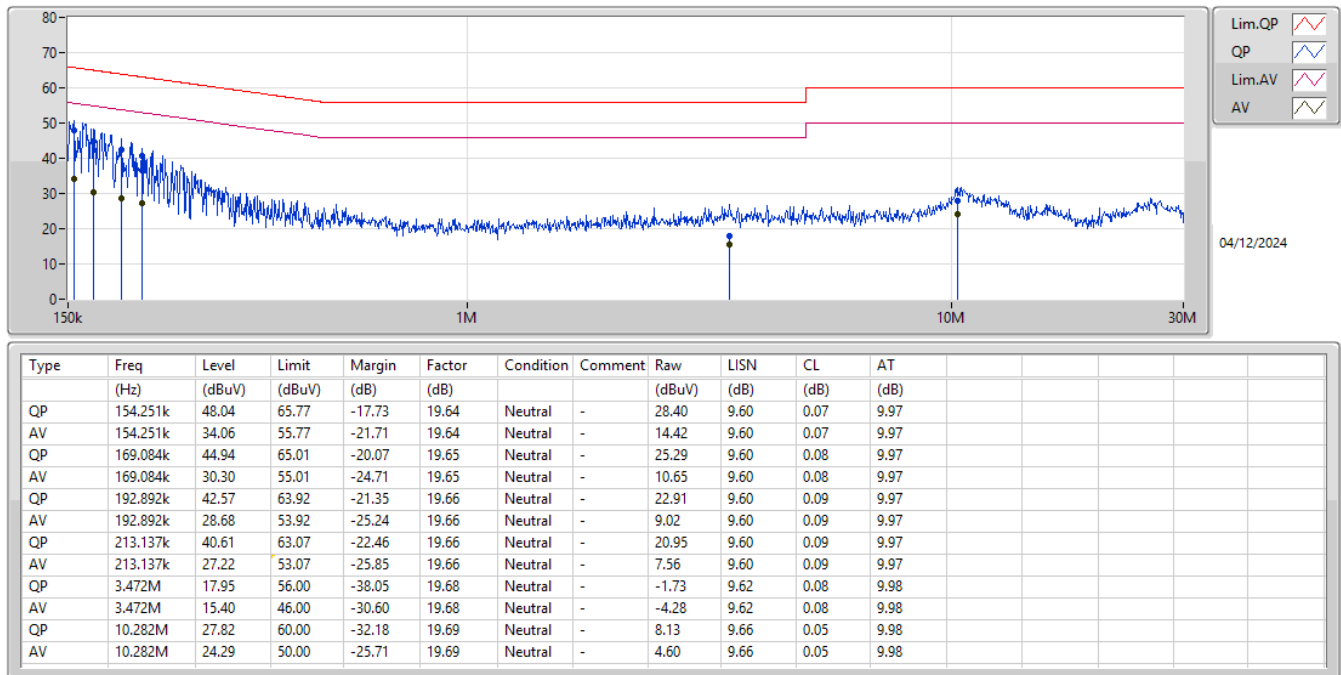
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	48.37	66.00	-17.63	Line
Mode 1	Pass	AV	150k	33.50	56.00	-22.50	Line
Mode 1	Pass	QP	173.876k	44.43	64.78	-20.35	Line
Mode 1	Pass	AV	173.876k	30.70	54.78	-24.08	Line
Mode 1	Pass	QP	212.287k	40.58	63.11	-22.53	Line
Mode 1	Pass	AV	212.287k	27.49	53.11	-25.62	Line
Mode 1	Pass	QP	234.567k	37.77	62.29	-24.52	Line
Mode 1	Pass	AV	234.567k	24.81	52.29	-27.48	Line
Mode 1	Pass	QP	3.43M	18.00	56.00	-38.00	Line
Mode 1	Pass	AV	3.43M	15.02	46.00	-30.98	Line
Mode 1	Pass	QP	10.532M	28.23	60.00	-31.77	Line
Mode 1	Pass	AV	10.532M	24.84	50.00	-25.16	Line
Mode 1	Pass	QP	154.251k	48.04	65.77	-17.73	Neutral
Mode 1	Pass	AV	154.251k	34.06	55.77	-21.71	Neutral
Mode 1	Pass	QP	169.084k	44.94	65.01	-20.07	Neutral
Mode 1	Pass	AV	169.084k	30.30	55.01	-24.71	Neutral
Mode 1	Pass	QP	192.892k	42.57	63.92	-21.35	Neutral
Mode 1	Pass	AV	192.892k	28.68	53.92	-25.24	Neutral
Mode 1	Pass	QP	213.137k	40.61	63.07	-22.46	Neutral
Mode 1	Pass	AV	213.137k	27.22	53.07	-25.85	Neutral
Mode 1	Pass	QP	3.472M	17.95	56.00	-38.05	Neutral
Mode 1	Pass	AV	3.472M	15.40	46.00	-30.60	Neutral
Mode 1	Pass	QP	10.282M	27.82	60.00	-32.18	Neutral
Mode 1	Pass	AV	10.282M	24.29	50.00	-25.71	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





**Conducted Emissions at Powerline_Non-Beamforming_
Radio 1_O-435E**

Appendix A.4

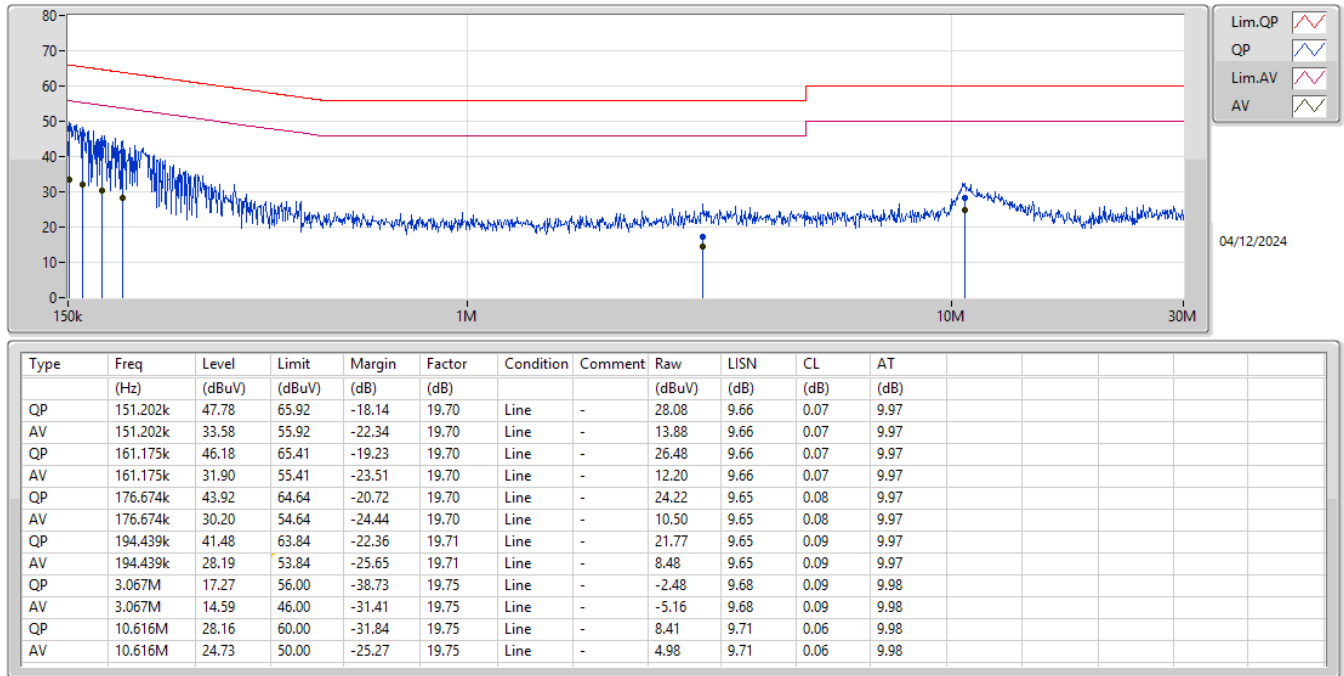
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	47.89	65.83	-17.94	Neutral

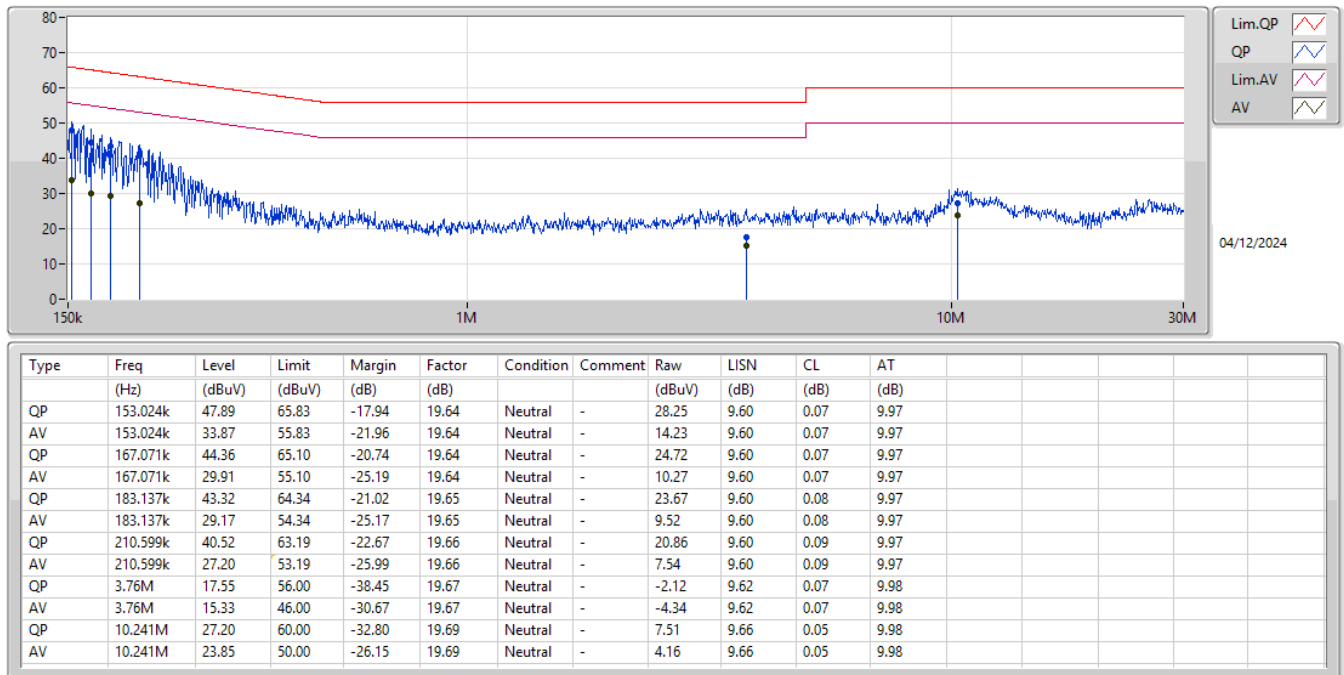
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	47.78	65.92	-18.14	Line
Mode 1	Pass	AV	151.202k	33.58	55.92	-22.34	Line
Mode 1	Pass	QP	161.175k	46.18	65.41	-19.23	Line
Mode 1	Pass	AV	161.175k	31.90	55.41	-23.51	Line
Mode 1	Pass	QP	176.674k	43.92	64.64	-20.72	Line
Mode 1	Pass	AV	176.674k	30.20	54.64	-24.44	Line
Mode 1	Pass	QP	194.439k	41.48	63.84	-22.36	Line
Mode 1	Pass	AV	194.439k	28.19	53.84	-25.65	Line
Mode 1	Pass	QP	3.067M	17.27	56.00	-38.73	Line
Mode 1	Pass	AV	3.067M	14.59	46.00	-31.41	Line
Mode 1	Pass	QP	10.616M	28.16	60.00	-31.84	Line
Mode 1	Pass	AV	10.616M	24.73	50.00	-25.27	Line
Mode 1	Pass	QP	153.024k	47.89	65.83	-17.94	Neutral
Mode 1	Pass	AV	153.024k	33.87	55.83	-21.96	Neutral
Mode 1	Pass	QP	167.071k	44.36	65.10	-20.74	Neutral
Mode 1	Pass	AV	167.071k	29.91	55.10	-25.19	Neutral
Mode 1	Pass	QP	183.137k	43.32	64.34	-21.02	Neutral
Mode 1	Pass	AV	183.137k	29.17	54.34	-25.17	Neutral
Mode 1	Pass	QP	210.599k	40.52	63.19	-22.67	Neutral
Mode 1	Pass	AV	210.599k	27.20	53.19	-25.99	Neutral
Mode 1	Pass	QP	3.76M	17.55	56.00	-38.45	Neutral
Mode 1	Pass	AV	3.76M	15.33	46.00	-30.67	Neutral
Mode 1	Pass	QP	10.241M	27.20	60.00	-32.80	Neutral
Mode 1	Pass	AV	10.241M	23.85	50.00	-26.15	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.125M	13.223M	13M2G1D	6.625M	12.969M
802.11g_Nss1,(6Mbps)_2TX	16.5M	16.844M	16M8D1D	16.275M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	19.15M	19.14M	19M1D1D	19.05M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	38.2M	38.031M	38M0D1D	37.45M	37.831M

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	7.1M	12.969M	7.125M	13.013M
2437MHz	Pass	500k	7.075M	13.118M	7.1M	13.223M
2462MHz	Pass	500k	6.625M	13.058M	7.1M	13.043M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	16.668M	16.425M	16.668M
2437MHz	Pass	500k	16.5M	16.756M	16.5M	16.8M
2462MHz	Pass	500k	16.45M	16.646M	16.4M	16.844M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.075M	18.941M	19.05M	19.115M
2437MHz	Pass	500k	19.125M	19.04M	19.125M	19.14M
2462MHz	Pass	500k	19.15M	18.991M	19.1M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	38.2M	37.931M	38.2M	37.931M
2437MHz	Pass	500k	38.2M	38.031M	37.45M	37.981M
2452MHz	Pass	500k	38M	37.881M	37.85M	37.831M

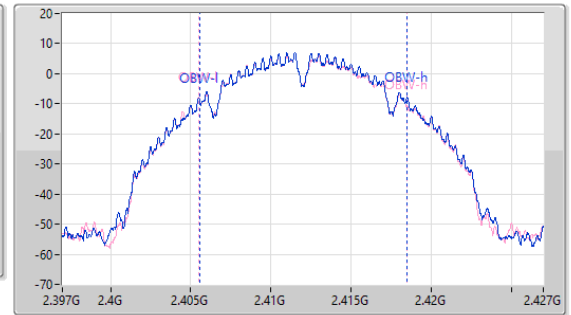
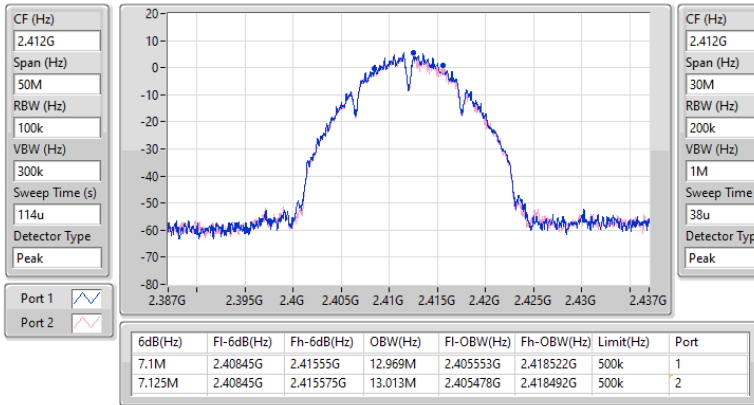
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

09/12/2024

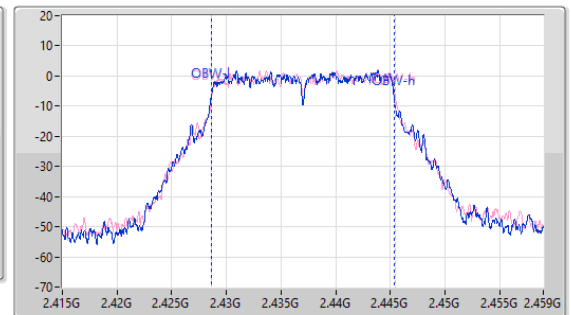
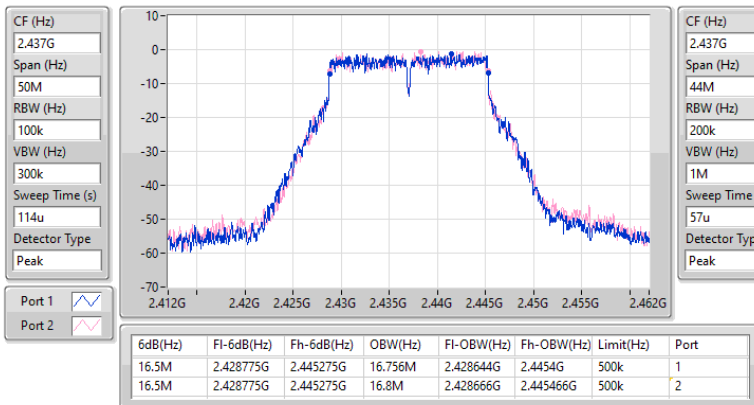


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

09/12/2024

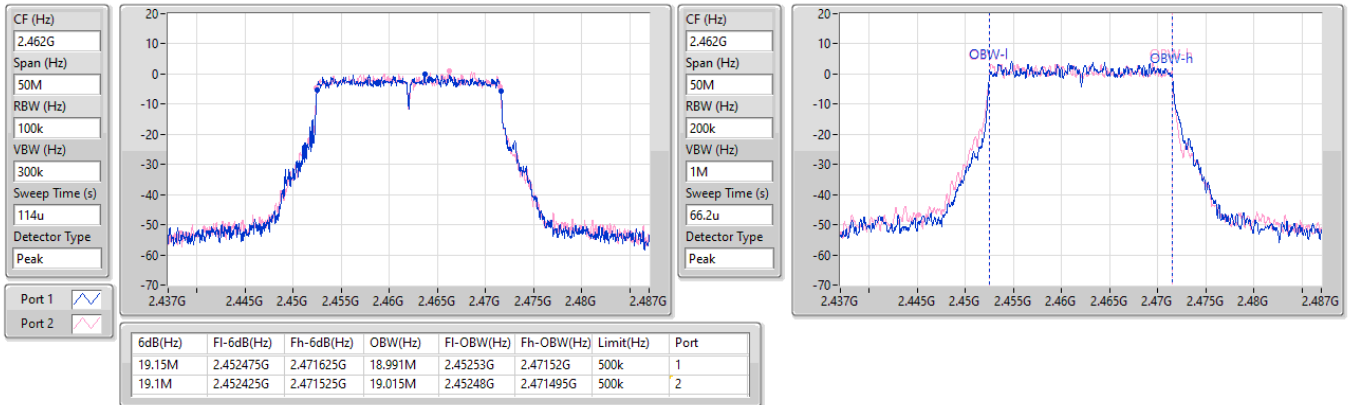


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

09/12/2024

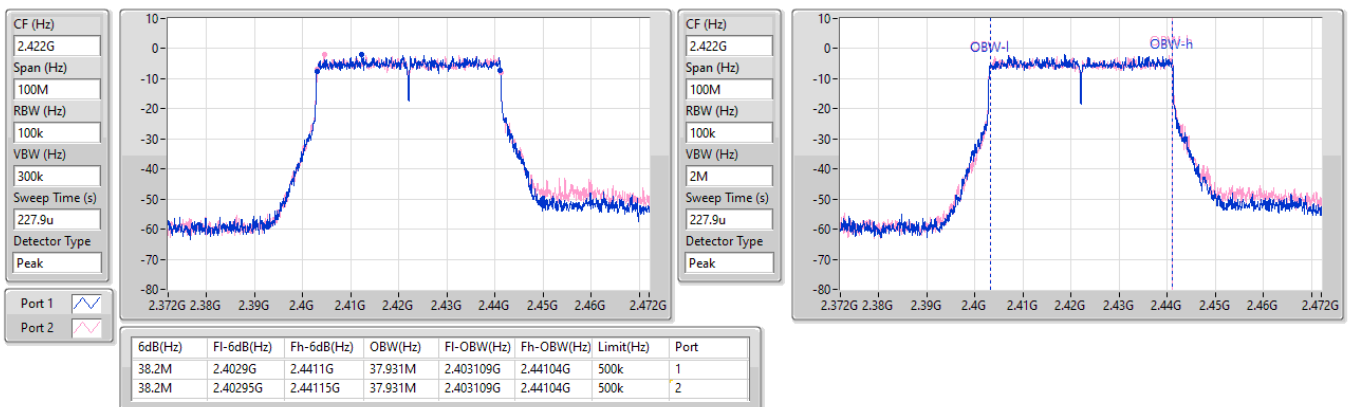


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

09/12/2024



**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	8.05M	13.133M	13M1G1D	6.525M	12.954M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.756M	16M8D1D	12.175M	16.558M
802.11be EHT20_Nss1,(MCS0)_2TX	19.075M	19.015M	19M0D1D	17.95M	18.866M
802.11be EHT40_Nss1,(MCS0)_2TX	37.3M	37.831M	37M8D1D	23.45M	37.531M

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	Port 2-N dB	Port 2-OBW
				(Hz)	(Hz)	(Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.725M	13.073M	7.175M	13.028M
2437MHz	Pass	500k	8.05M	12.969M	7.25M	12.954M
2462MHz	Pass	500k	7.075M	13.058M	6.525M	13.133M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.624M	14.55M	16.558M
2437MHz	Pass	500k	14.375M	16.602M	15.05M	16.756M
2462MHz	Pass	500k	15.75M	16.734M	12.175M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.775M	19.015M	17.95M	18.866M
2437MHz	Pass	500k	18.925M	18.916M	19M	18.916M
2462MHz	Pass	500k	18.625M	18.891M	19.075M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.9M	37.581M	36.1M	37.531M
2437MHz	Pass	500k	32.95M	37.681M	25.7M	37.631M
2452MHz	Pass	500k	37.3M	37.781M	23.45M	37.831M

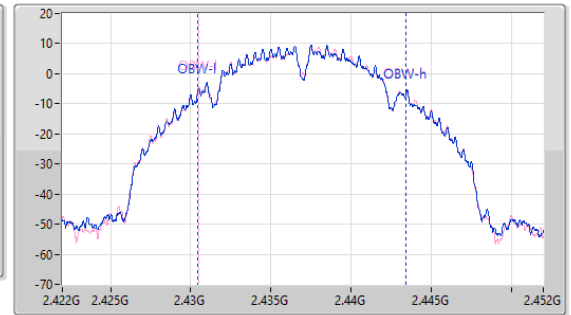
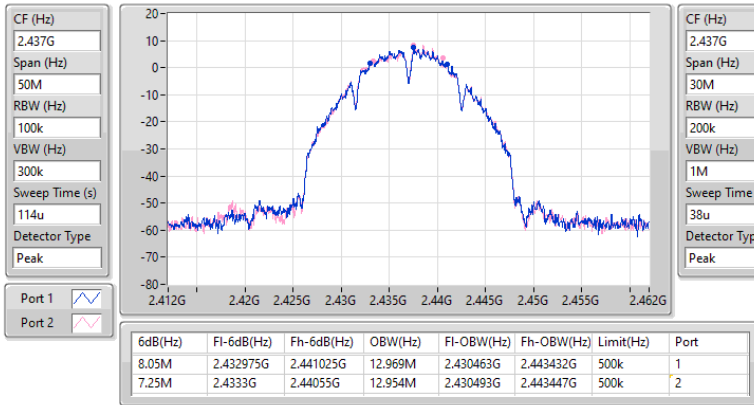
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

15/11/2024

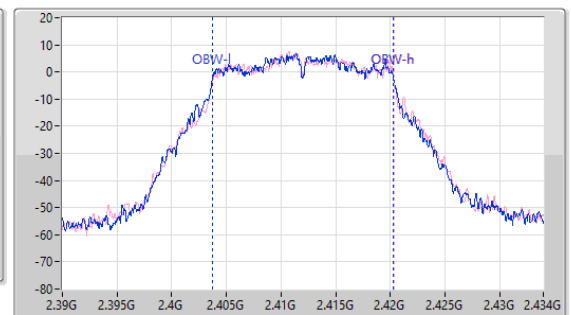
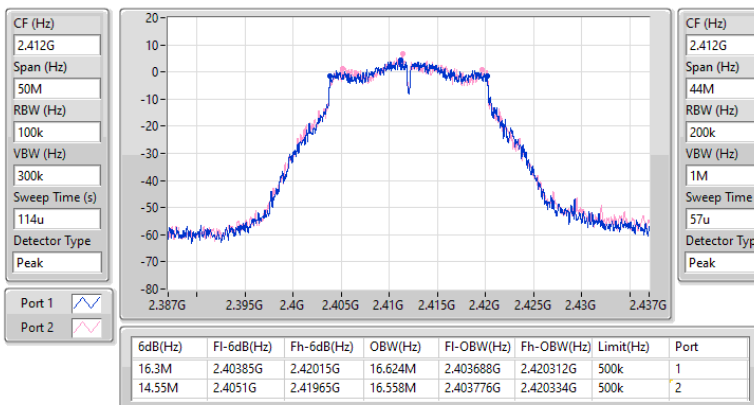


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

15/11/2024

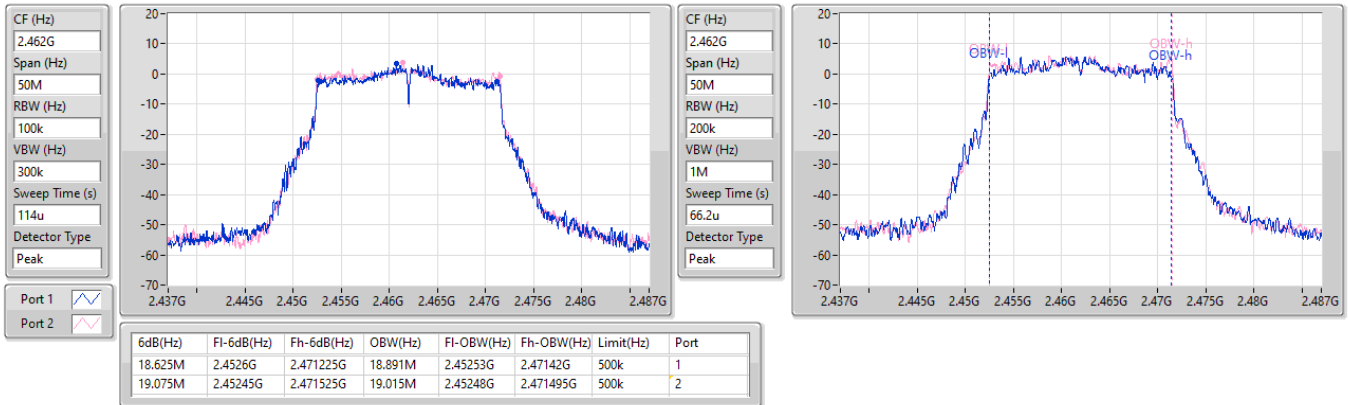


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

15/11/2024

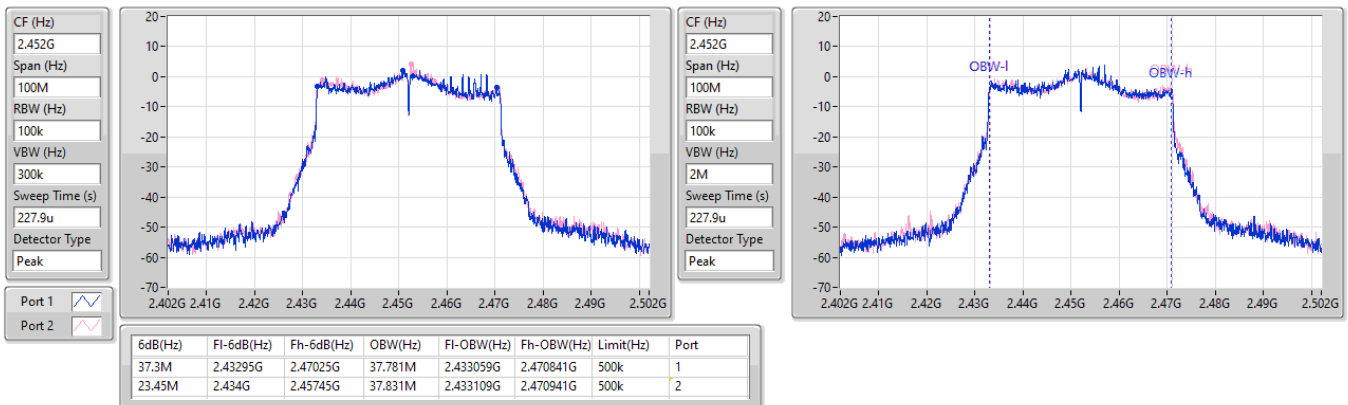


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

15/11/2024



**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	13.238M	13M2G1D	6.7M	13.013M
802.11g_Nss1,(6Mbps)_2TX	16.525M	16.976M	17M0D1D	15.9M	16.536M
802.11be EHT20_Nss1,(MCS0)_2TX	19.175M	19.065M	19M1D1D	19.075M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	38.2M	37.981M	38M0D1D	37.3M	37.781M

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	6.75M	13.013M	7.325M	13.013M
2437MHz	Pass	500k	7.125M	13.133M	7.55M	13.238M
2462MHz	Pass	500k	6.7M	13.043M	7.125M	13.028M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.536M	16.425M	16.646M
2437MHz	Pass	500k	16.525M	16.976M	16.3M	16.58M
2462MHz	Pass	500k	16.45M	16.646M	15.9M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.075M	18.991M	19.075M	19.015M
2437MHz	Pass	500k	19.075M	19.015M	19.15M	19.065M
2462MHz	Pass	500k	19.175M	18.966M	19.125M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.3M	37.781M	38.2M	37.881M
2437MHz	Pass	500k	38.15M	37.881M	38.2M	37.981M
2452MHz	Pass	500k	38.2M	37.831M	38.15M	37.881M

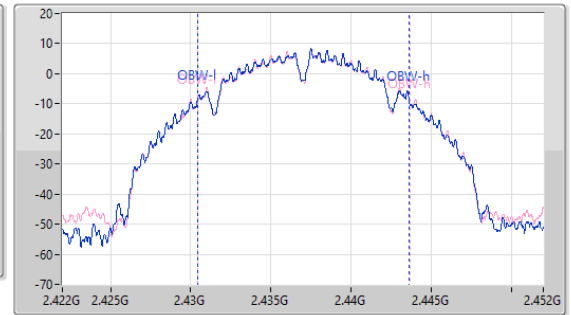
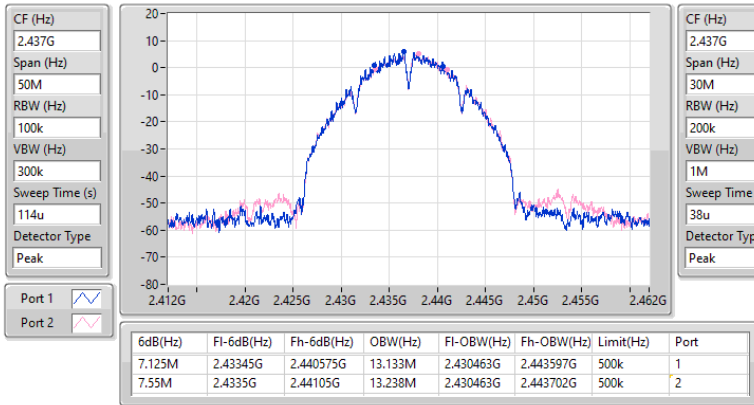
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

09/12/2024

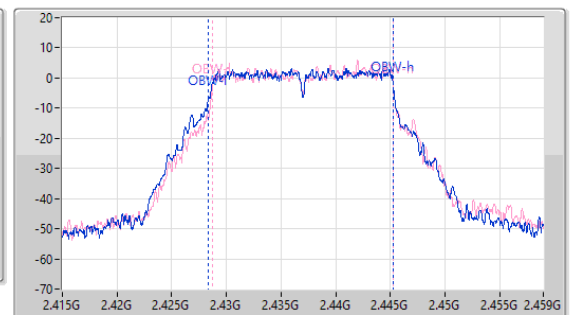
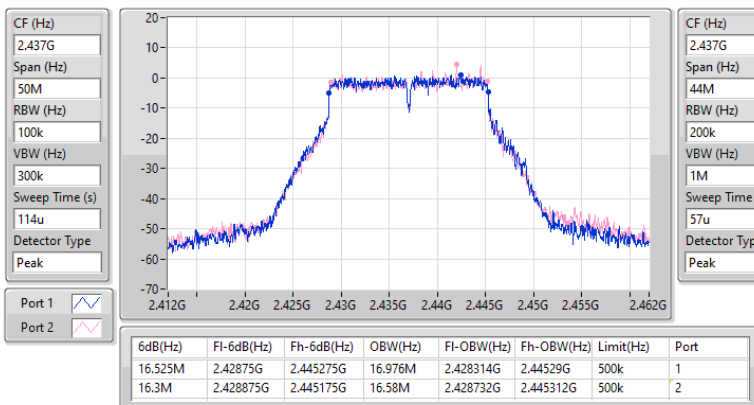


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

09/12/2024

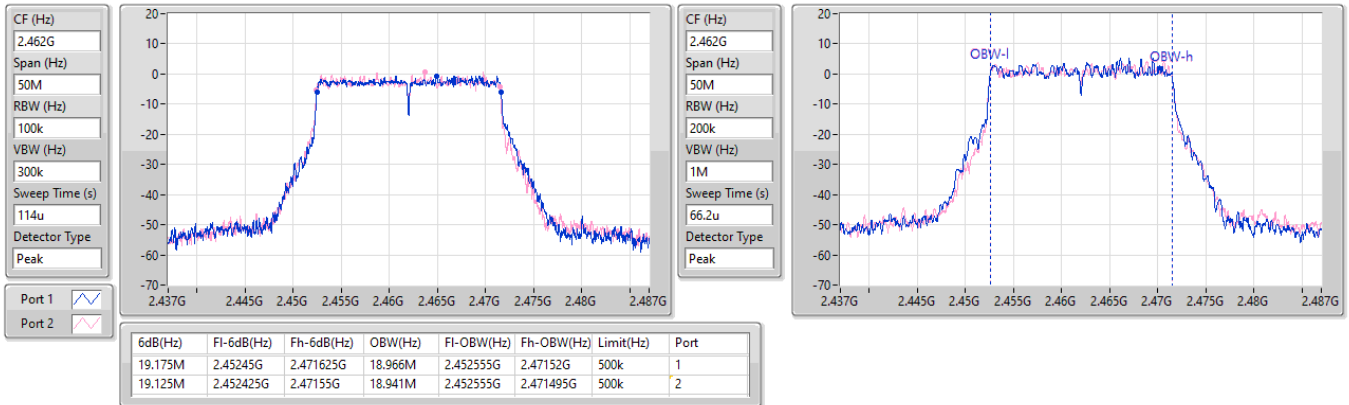


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

09/12/2024

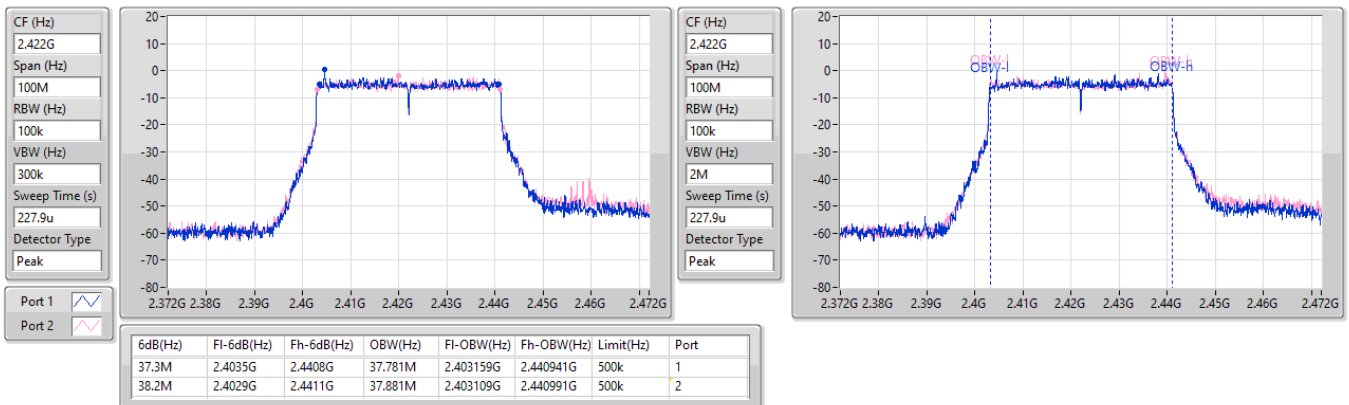


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

09/12/2024



**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	8.5M	13.223M	13M2G1D	6.625M	12.894M
802.11g_Nss1,(6Mbps)_2TX	16.05M	16.624M	16M6D1D	11.325M	16.492M
802.11be EHT20_Nss1,(MCS0)_2TX	18.875M	19.065M	19M1D1D	15.125M	18.816M
802.11be EHT40_Nss1,(MCS0)_2TX	37M	37.781M	37M8D1D	27.8M	37.631M

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	6.625M	12.999M	7.275M	12.894M
2437MHz	Pass	500k	6.85M	13.223M	7.075M	13.178M
2462MHz	Pass	500k	8.05M	12.924M	8.5M	12.999M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.05M	16.514M	15.275M	16.536M
2437MHz	Pass	500k	15M	16.58M	15.5M	16.492M
2462MHz	Pass	500k	13.525M	16.624M	11.325M	16.492M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.975M	18.891M	16.375M	19.065M
2437MHz	Pass	500k	18.75M	18.916M	18.875M	18.891M
2462MHz	Pass	500k	15.125M	18.816M	17.45M	18.816M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36M	37.631M	35.95M	37.781M
2437MHz	Pass	500k	29.9M	37.731M	27.8M	37.731M
2452MHz	Pass	500k	34.3M	37.731M	37M	37.731M

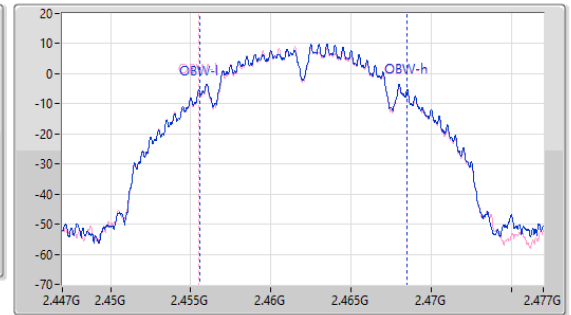
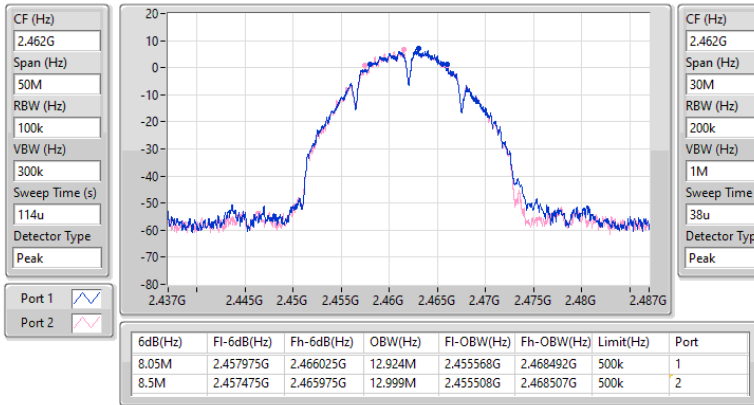
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

24/12/2024

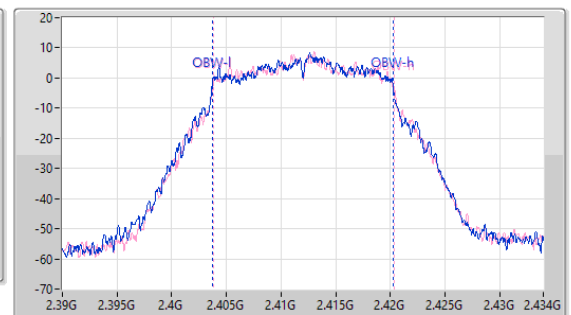
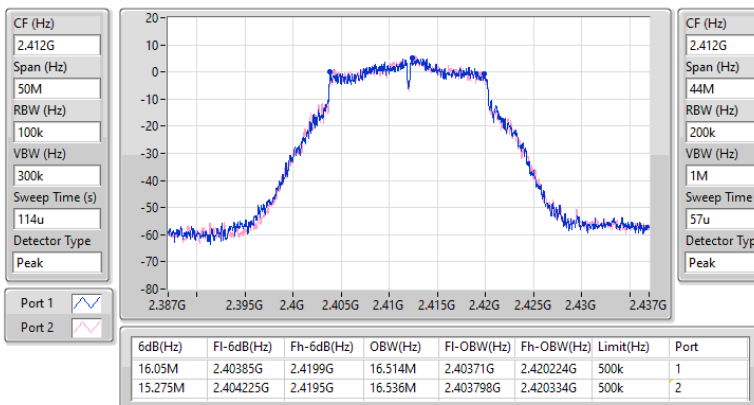


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

24/12/2024

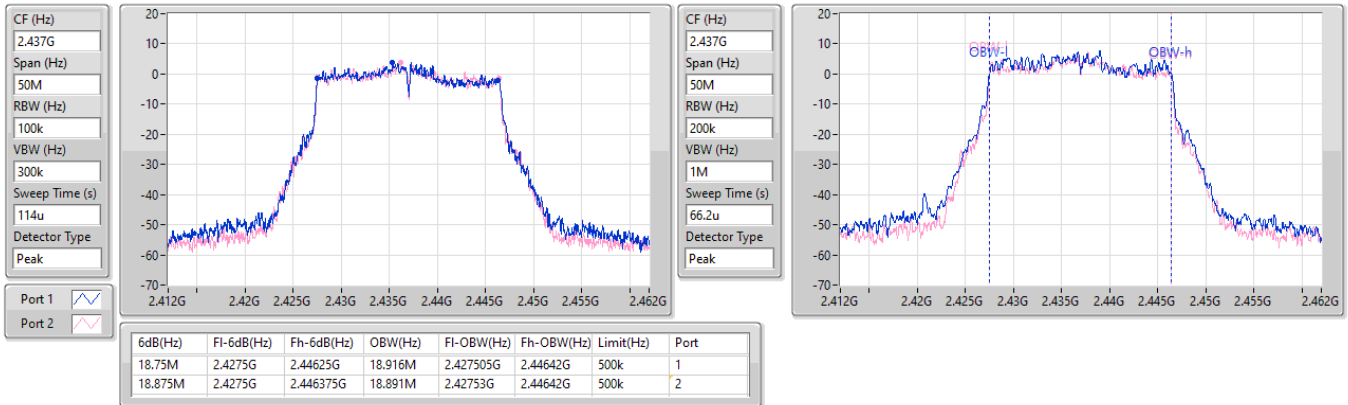


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

24/12/2024

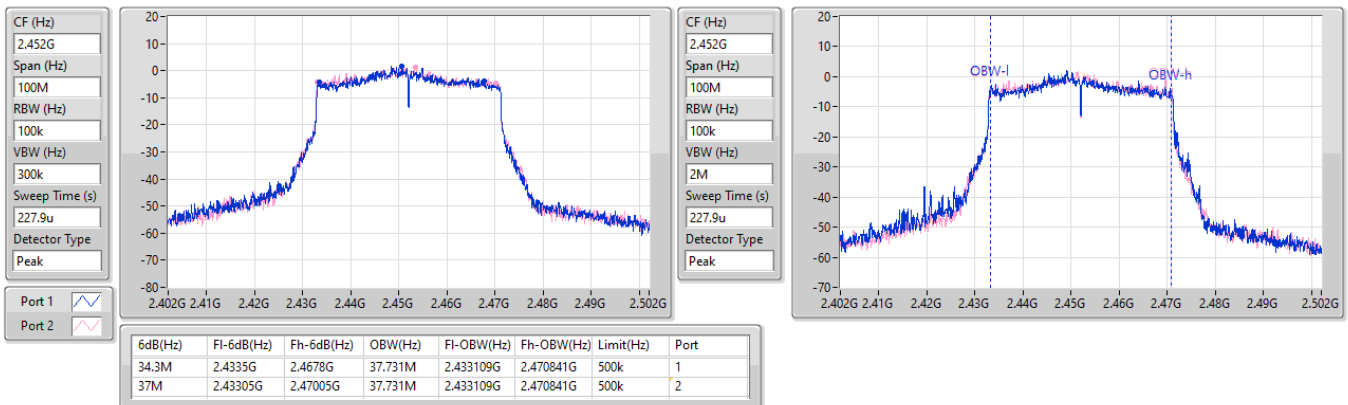


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

24/12/2024





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	19.47	0.08851
802.11g_Nss1,(6Mbps)_2TX	18.70	0.07413
802.11be EHT20_Nss1,(MCS0)_2TX	18.60	0.07244
802.11be EHT40_Nss1,(MCS0)_2TX	18.79	0.07568

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.26	16.55	16.36	19.47	30.00
2437MHz	Pass	3.26	16.21	16.21	19.22	30.00
2462MHz	Pass	3.26	16.40	16.37	19.40	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.26	15.77	15.60	18.70	30.00
2437MHz	Pass	3.26	15.57	15.49	18.54	30.00
2462MHz	Pass	3.26	15.60	15.53	18.58	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.26	15.65	15.46	18.57	30.00
2437MHz	Pass	3.26	15.59	15.54	18.58	30.00
2462MHz	Pass	3.26	15.60	15.57	18.60	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.26	15.72	15.65	18.70	30.00
2437MHz	Pass	3.26	15.80	15.76	18.79	30.00
2452MHz	Pass	3.26	15.48	15.44	18.47	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	20.85	0.12162
802.11g_Nss1,(6Mbps)_2TX	20.52	0.11272
802.11be EHT20_Nss1,(MCS0)_2TX	20.31	0.10740
802.11be EHT40_Nss1,(MCS0)_2TX	20.92	0.12359

**Result**

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.85	17.62	17.67	20.66	30.00
2437MHz	Pass	2.85	17.76	17.92	20.85	30.00
2462MHz	Pass	2.85	17.26	17.75	20.52	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.85	17.35	17.51	20.44	30.00
2437MHz	Pass	2.85	17.43	17.58	20.52	30.00
2462MHz	Pass	2.85	17.04	17.40	20.23	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.85	16.99	17.35	20.18	30.00
2437MHz	Pass	2.85	17.20	17.40	20.31	30.00
2462MHz	Pass	2.85	16.81	17.12	19.98	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.85	17.46	17.62	20.55	30.00
2437MHz	Pass	2.85	17.80	18.02	20.92	30.00
2452MHz	Pass	2.85	17.75	17.96	20.87	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	18.60	0.07244
802.11be EHT40-BF_Nss1,(MCS0)_2TX	18.79	0.07568

**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	5.22	15.65	15.46	18.57	30.00
2437MHz	Pass	5.22	15.59	15.54	18.58	30.00
2462MHz	Pass	5.22	15.60	15.57	18.60	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.22	15.72	15.65	18.70	30.00
2437MHz	Pass	5.22	15.80	15.76	18.79	30.00
2452MHz	Pass	5.22	15.48	15.44	18.47	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	20.31	0.10740
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.92	0.12359

**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	4.24	16.99	17.35	20.18	30.00
2437MHz	Pass	4.24	17.20	17.40	20.31	30.00
2462MHz	Pass	4.24	16.81	17.12	19.98	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.24	17.46	17.62	20.55	30.00
2437MHz	Pass	4.24	17.80	18.02	20.92	30.00
2452MHz	Pass	4.24	17.75	17.96	20.87	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	19.35	0.08610
802.11g_Nss1,(6Mbps)_2TX	18.63	0.07295
802.11be EHT20_Nss1,(MCS0)_2TX	18.60	0.07244
802.11be EHT40_Nss1,(MCS0)_2TX	18.69	0.07396

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.22	16.35	16.25	19.31	28.78
2437MHz	Pass	7.22	16.26	16.04	19.16	28.78
2462MHz	Pass	7.22	16.36	16.31	19.35	28.78
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.22	15.51	15.55	18.54	28.78
2437MHz	Pass	7.22	15.67	15.56	18.63	28.78
2462MHz	Pass	7.22	15.64	15.51	18.59	28.78
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.22	15.43	15.45	18.45	28.78
2437MHz	Pass	7.22	15.63	15.54	18.60	28.78
2462MHz	Pass	7.22	15.63	15.44	18.55	28.78
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.22	15.61	15.59	18.61	28.78
2437MHz	Pass	7.22	15.69	15.67	18.69	28.78
2452MHz	Pass	7.22	15.46	15.46	18.47	28.78

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	20.67	0.11668
802.11g_Nss1,(6Mbps)_2TX	20.39	0.10940
802.11be EHT20_Nss1,(MCS0)_2TX	20.55	0.11350
802.11be EHT40_Nss1,(MCS0)_2TX	20.70	0.11749

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.66	17.63	17.69	20.67	29.34
2437MHz	Pass	6.66	17.55	17.75	20.66	29.34
2462MHz	Pass	6.66	17.34	17.56	20.46	29.34
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.66	17.29	17.47	20.39	29.34
2437MHz	Pass	6.66	17.26	17.45	20.37	29.34
2462MHz	Pass	6.66	17.07	17.39	20.24	29.34
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.66	17.59	17.49	20.55	29.34
2437MHz	Pass	6.66	17.03	17.29	20.17	29.34
2462MHz	Pass	6.66	17.14	17.70	20.44	29.34
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.66	17.62	17.75	20.70	29.34
2437MHz	Pass	6.66	17.50	17.59	20.56	29.34
2452MHz	Pass	6.66	17.60	17.72	20.67	29.34

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	18.60	0.07244
802.11be EHT40-BF_Nss1,(MCS0)_2TX	18.69	0.07396

**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	10.03	15.43	15.45	18.45	25.97
2437MHz	Pass	10.03	15.63	15.54	18.60	25.97
2462MHz	Pass	10.03	15.63	15.44	18.55	25.97
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	10.03	15.61	15.59	18.61	25.97
2437MHz	Pass	10.03	15.69	15.67	18.69	25.97
2452MHz	Pass	10.03	15.46	15.46	18.47	25.97

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	20.55	0.11350
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.70	0.11749

**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	9.54	17.59	17.49	20.55	26.46
2437MHz	Pass	9.54	17.03	17.29	20.17	26.46
2462MHz	Pass	9.54	17.14	17.70	20.44	26.46
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.54	17.62	17.75	20.70	26.46
2437MHz	Pass	9.54	17.50	17.59	20.56	26.46
2452MHz	Pass	9.54	17.60	17.72	20.67	26.46

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)_2TX	-8.12
802.11g_Nss1,(6Mbps)_2TX	-11.81
802.11be EHT20_Nss1,(MCS0)_2TX	-9.64
802.11be EHT40_Nss1,(MCS0)_2TX	-12.25

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.22	-12.88	-13.05	-9.98	8.00
2437MHz	Pass	5.22	-10.60	-9.66	-8.12	8.00
2462MHz	Pass	5.22	-13.13	-12.43	-9.94	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.22	-13.49	-14.65	-12.24	8.00
2437MHz	Pass	5.22	-13.72	-14.08	-11.81	8.00
2462MHz	Pass	5.22	-13.89	-14.26	-12.14	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.22	-12.84	-12.40	-10.13	8.00
2437MHz	Pass	5.22	-11.00	-9.96	-9.64	8.00
2462MHz	Pass	5.22	-11.08	-10.99	-10.32	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.22	-13.30	-13.66	-12.72	8.00
2437MHz	Pass	5.22	-13.83	-13.82	-12.25	8.00
2452MHz	Pass	5.22	-15.65	-15.54	-13.98	8.00

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

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

PSD

2437MHz

09/12/2024

CF (Hz)
2.437G

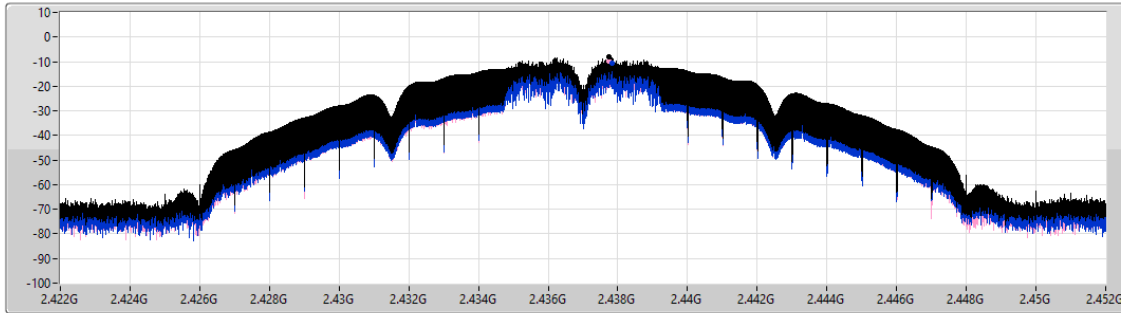
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.12	-8.12	-10.60	-9.66

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

PSD

2437MHz

09/12/2024

CF (Hz)
2.437G

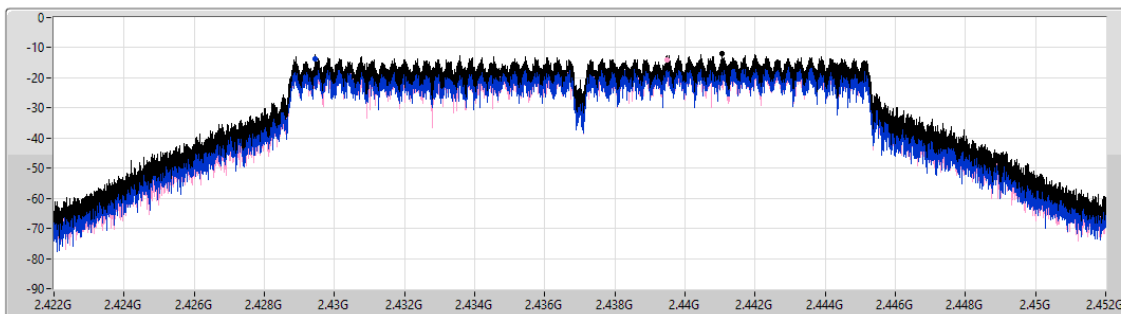
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



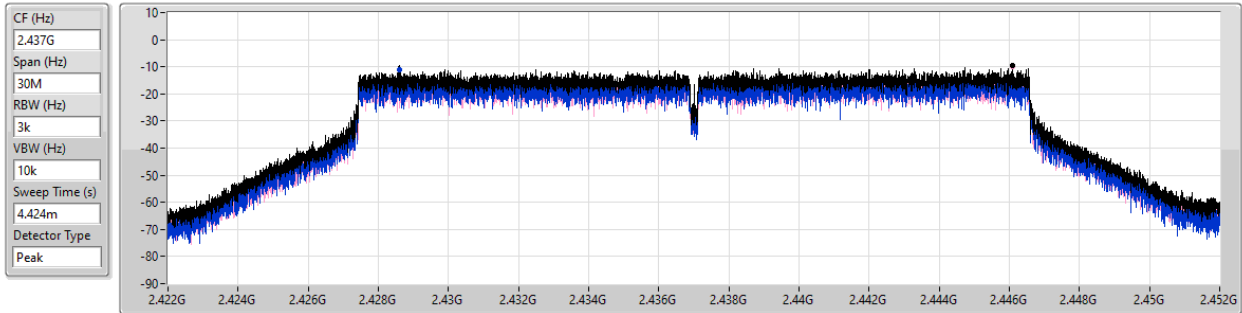
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.81	-11.81	-13.72	-14.08

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

PSD

2437MHz

09/12/2024



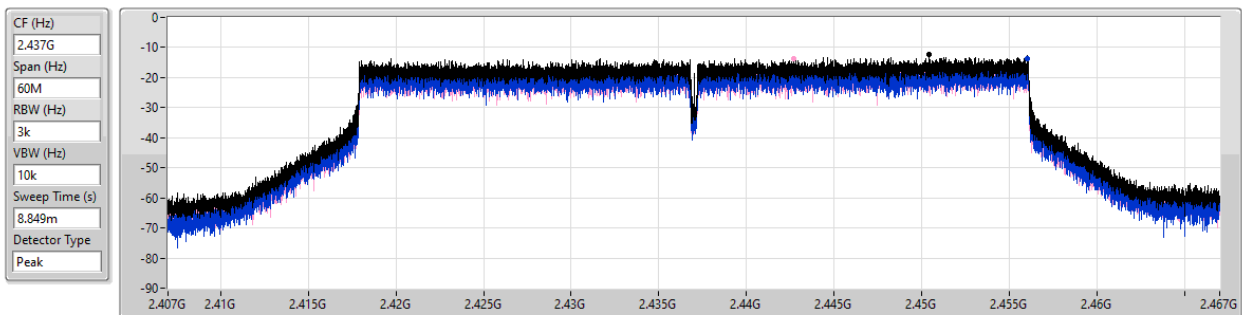
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.64	-9.64	-11.00	-9.96

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

09/12/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.25	-12.25	-13.83	-13.82



Summary

Mode	PD
	(dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-5.21
802.11g_Nss1,(6Mbps)_2TX	-5.99
802.11be EHT20_Nss1,(MCS0)_2TX	-6.24
802.11be EHT40_Nss1,(MCS0)_2TX	-6.25

RBW = 3kHz;



Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.24	-10.04	-9.81	-6.93	8.00
2437MHz	Pass	4.24	-10.51	-6.39	-5.21	8.00
2462MHz	Pass	4.24	-10.36	-7.28	-5.58	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.24	-7.32	-9.31	-6.65	8.00
2437MHz	Pass	4.24	-7.58	-8.48	-6.05	8.00
2462MHz	Pass	4.24	-9.35	-7.15	-5.99	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.24	-9.21	-8.23	-6.87	8.00
2437MHz	Pass	4.24	-9.02	-8.20	-6.24	8.00
2462MHz	Pass	4.24	-9.16	-9.00	-7.60	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.24	-8.20	-10.34	-6.87	8.00
2437MHz	Pass	4.24	-9.21	-8.36	-6.25	8.00
2452MHz	Pass	4.24	-10.35	-9.69	-7.91	8.00

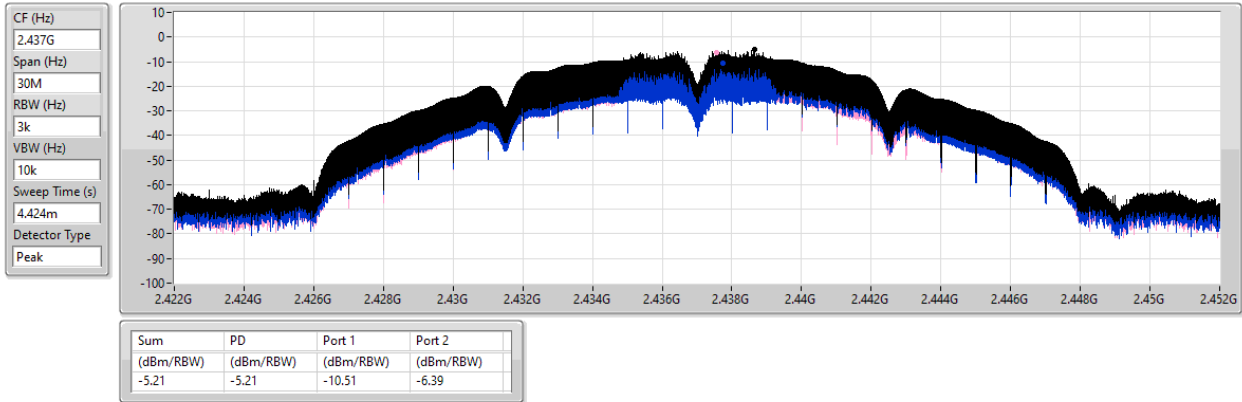
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2437MHz

15/11/2024

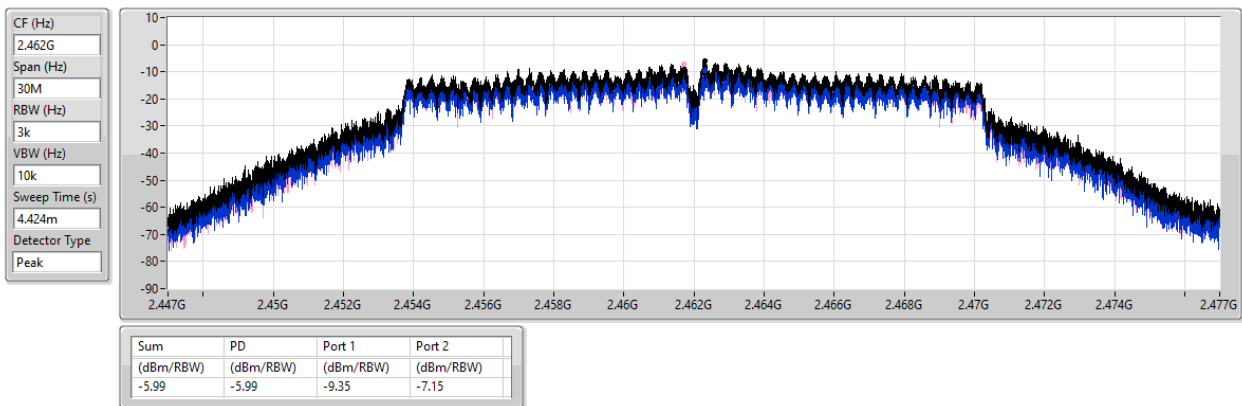


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

15/11/2024

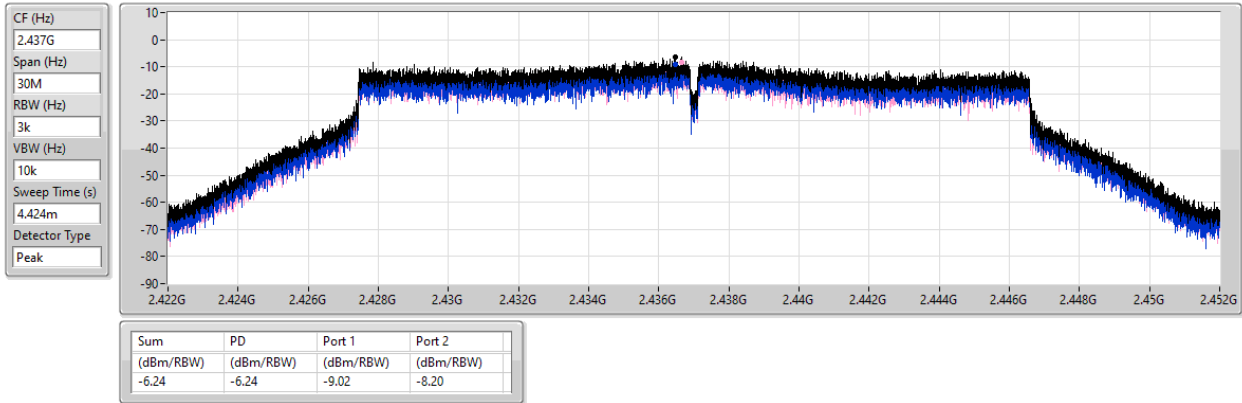


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

15/11/2024

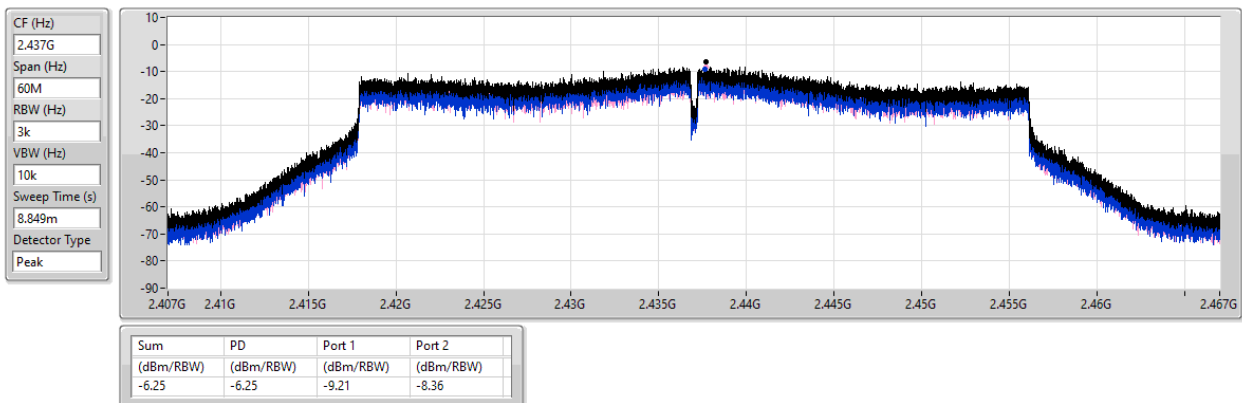


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

15/11/2024





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-7.59
802.11g_Nss1,(6Mbps)_2TX	-9.71
802.11be EHT20_Nss1,(MCS0)_2TX	-9.75
802.11be EHT40_Nss1,(MCS0)_2TX	-12.63

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	10.03	-9.32	-11.83	-7.59	3.97
2437MHz	Pass	10.03	-11.89	-12.04	-8.96	3.97
2462MHz	Pass	10.03	-11.73	-9.56	-7.61	3.97
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.03	-12.42	-12.84	-9.89	3.97
2437MHz	Pass	10.03	-12.96	-10.81	-9.71	3.97
2462MHz	Pass	10.03	-11.17	-11.19	-9.96	3.97
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	10.03	-12.27	-12.13	-10.22	3.97
2437MHz	Pass	10.03	-11.11	-10.38	-9.75	3.97
2462MHz	Pass	10.03	-11.33	-12.26	-10.28	3.97
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	10.03	-14.28	-13.85	-12.74	3.97
2437MHz	Pass	10.03	-14.35	-13.33	-12.66	3.97
2452MHz	Pass	10.03	-15.10	-13.65	-12.63	3.97

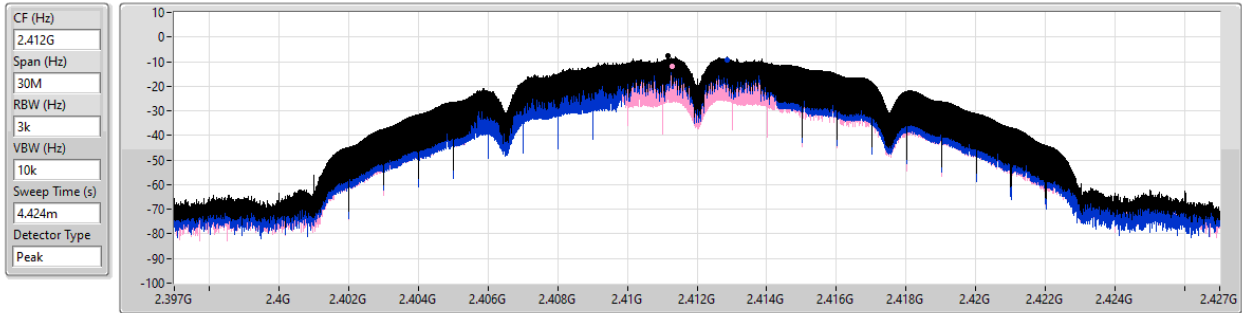
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

09/12/2024



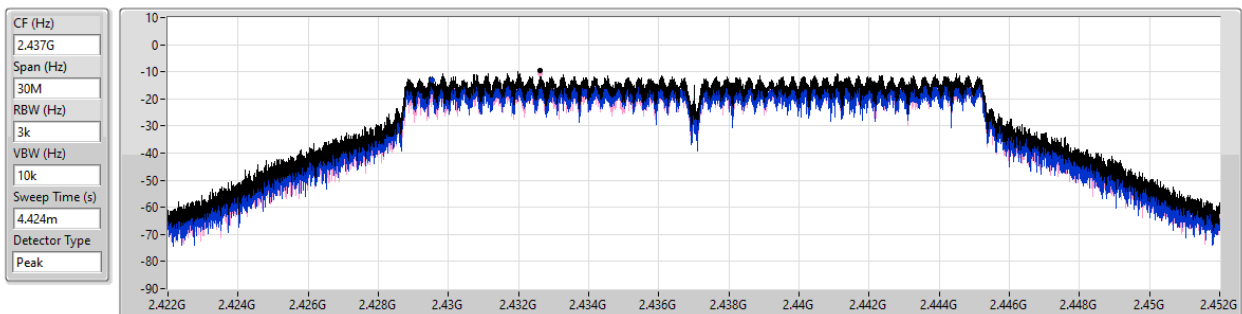
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-7.59	-7.59	-9.32	-11.83

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

PSD

2437MHz

09/12/2024



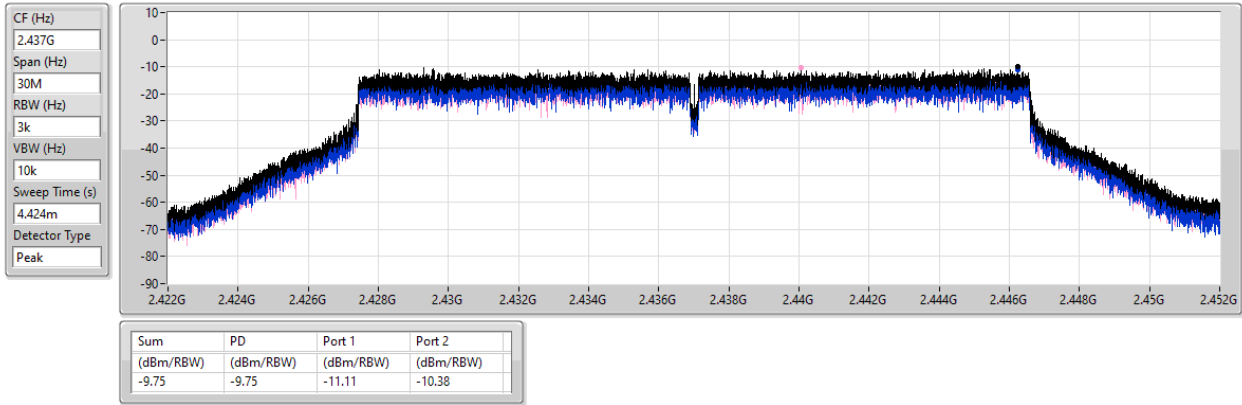
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-9.71	-9.71	-12.96	-10.81

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

PSD

2437MHz

09/12/2024

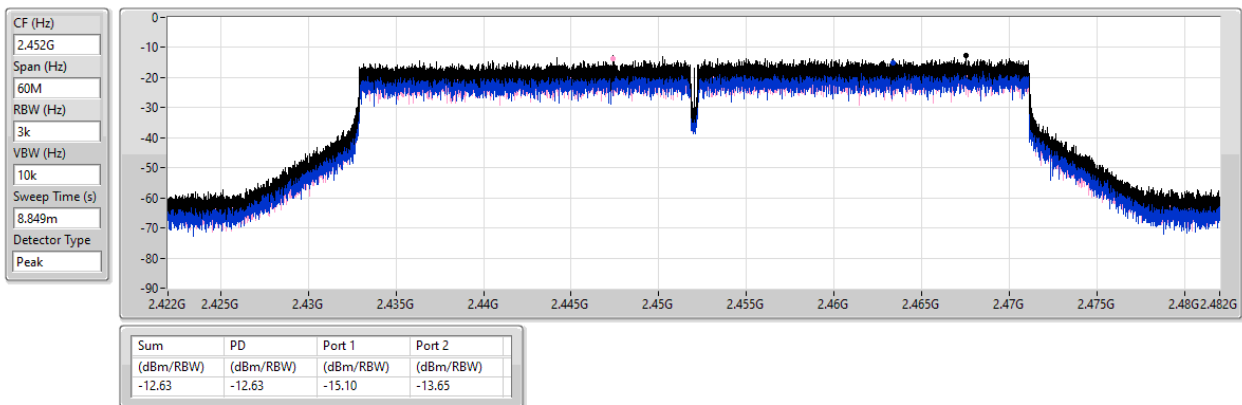


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

09/12/2024





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-5.07
802.11g_Nss1,(6Mbps)_2TX	-4.62
802.11be EHT20_Nss1,(MCS0)_2TX	-3.75
802.11be EHT40_Nss1,(MCS0)_2TX	-7.19

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	9.54	-9.67	-10.30	-7.06	4.46
2437MHz	Pass	9.54	-5.83	-9.98	-5.07	4.46
2462MHz	Pass	9.54	-8.84	-8.48	-6.40	4.46
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.54	-7.92	-7.00	-5.24	4.46
2437MHz	Pass	9.54	-8.14	-8.97	-6.08	4.46
2462MHz	Pass	9.54	-7.90	-6.06	-4.62	4.46
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.54	-7.48	-9.03	-5.90	4.46
2437MHz	Pass	9.54	-8.54	-8.48	-7.01	4.46
2462MHz	Pass	9.54	-5.68	-8.21	-3.75	4.46
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.54	-8.63	-9.24	-7.19	4.46
2437MHz	Pass	9.54	-10.25	-7.85	-7.22	4.46
2452MHz	Pass	9.54	-9.95	-9.68	-8.87	4.46

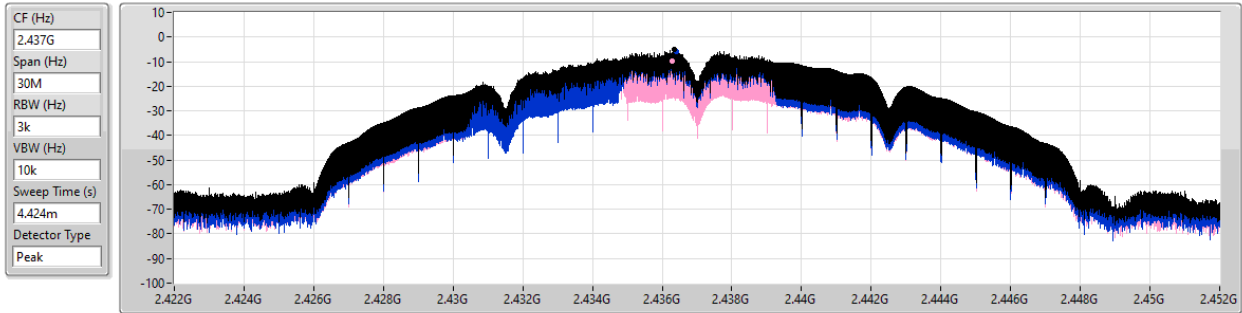
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

24/12/2024



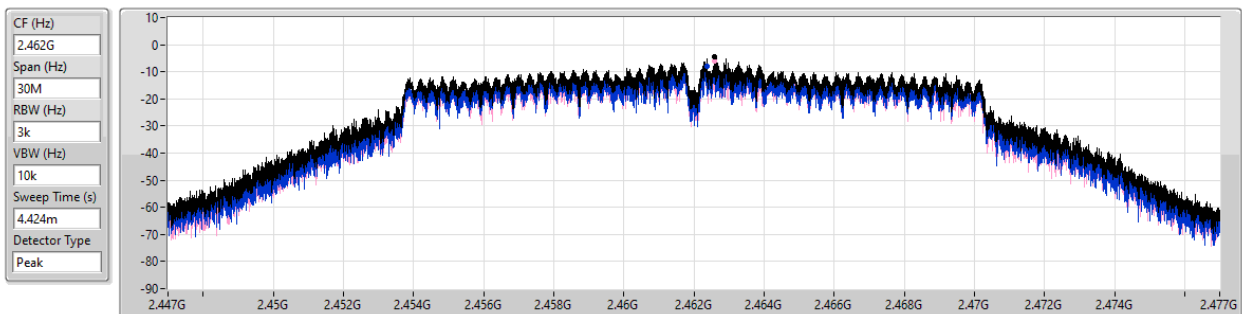
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.07	-5.07	-5.83	-9.98

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

PSD

2462MHz

24/12/2024



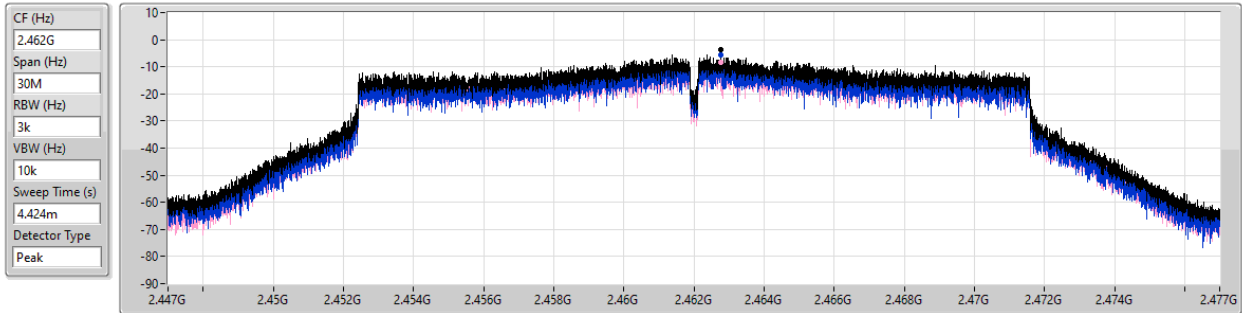
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.62	-4.62	-7.90	-6.06

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

PSD

2462MHz

24/12/2024



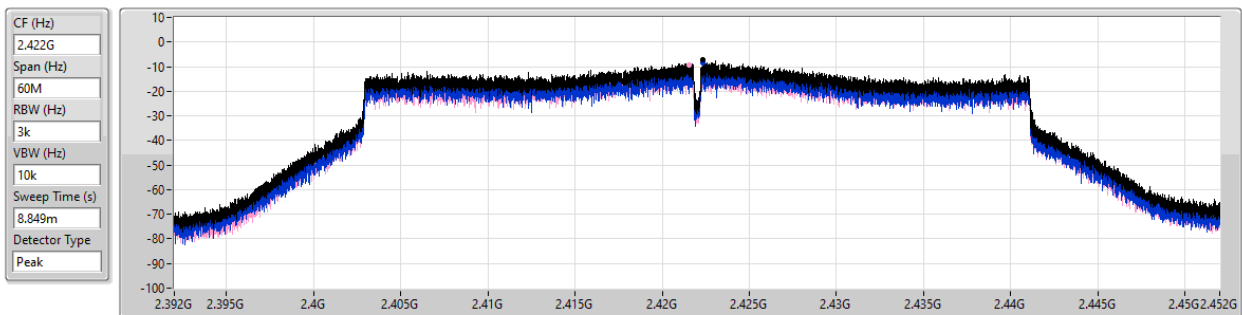
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.75	-3.75	-5.68	-8.21

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

24/12/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.19	-7.19	-8.63	-9.24

**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	2.41253G	5.75	-24.25	2.12001G	-55.79	2.39976G	-48.65	2.4G	-54.25	2.50478G	-52.49	16.26226G	-41.37	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41687G	2.82	-27.18	1.83808G	-54.81	2.4G	-31.11	2.4G	-29.55	2.50094G	-52.02	16.25664G	-40.65	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.45711G	4.10	-25.90	2.30292G	-55.68	2.3996G	-28.27	2.4G	-28.97	2.5059G	-52.72	17.61647G	-41.34	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.45461G	2.05	-27.95	2.30397G	-54.65	2.4G	-29.22	2.4G	-30.89	2.50766G	-52.15	17.63522G	-41.71	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	2.41253G	5.75	-24.25	670.75M	-55.01	2.39912G	-51.06	2.4G	-52.44	2.50222G	-51.58	16.58536G	-41.48	1
2412MHz	Pass	2.41253G	5.75	-24.25	2.12001G	-55.79	2.39976G	-48.65	2.4G	-54.25	2.50478G	-52.49	16.26226G	-41.37	2
2437MHz	Pass	2.41253G	5.75	-24.25	2.17593G	-54.97	2.39288G	-53.87	2.4G	-54.77	2.50214G	-52.53	16.93375G	-42.34	1
2437MHz	Pass	2.41253G	5.75	-24.25	2.30874G	-55.15	2.39728G	-53.23	2.4G	-53.50	2.50078G	-51.20	16.91689G	-41.30	2
2462MHz	Pass	2.41253G	5.75	-24.25	595.03M	-55.00	2.39456G	-54.01	2.4G	-54.94	2.50022G	-52.41	23.29179G	-40.23	1
2462MHz	Pass	2.41253G	5.75	-24.25	2.11885G	-54.79	2.396G	-53.90	2.4G	-54.74	2.50182G	-51.63	15.18339G	-41.60	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41687G	2.82	-27.18	1.83808G	-54.81	2.4G	-31.11	2.4G	-29.55	2.50094G	-52.02	16.25664G	-40.65	1
2412MHz	Pass	2.41687G	2.82	-27.18	951.52M	-55.09	2.39992G	-32.63	2.4G	-30.65	2.51206G	-52.29	16.23978G	-41.77	2
2437MHz	Pass	2.41687G	2.82	-27.18	950.35M	-54.62	2.39992G	-53.38	2.4G	-54.92	2.51238G	-52.42	16.29878G	-40.38	1
2437MHz	Pass	2.41687G	2.82	-27.18	1.89051G	-54.97	2.398G	-52.33	2.4G	-54.20	2.51054G	-52.73	17.61647G	-41.58	2
2462MHz	Pass	2.41687G	2.82	-27.18	1.94759G	-55.44	2.39432G	-54.04	2.4G	-54.16	2.5019G	-51.83	16.54884G	-40.46	1
2462MHz	Pass	2.41687G	2.82	-27.18	823.37M	-55.10	2.39912G	-53.41	2.4G	-55.06	2.50654G	-52.12	17.60242G	-41.44	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45711G	4.10	-25.90	2.30991G	-54.66	2.39992G	-30.07	2.4G	-29.67	2.50366G	-52.72	16.87194G	-41.58	1
2412MHz	Pass	2.45711G	4.10	-25.90	2.30292G	-55.68	2.3996G	-28.27	2.4G	-28.97	2.5059G	-52.72	17.61647G	-41.34	2
2437MHz	Pass	2.45711G	4.10	-25.90	859.48M	-55.53	2.39992G	-53.11	2.4G	-52.09	2.50454G	-52.14	16.27912G	-41.06	1
2437MHz	Pass	2.45711G	4.10	-25.90	546.1M	-54.98	2.39856G	-52.15	2.4G	-53.27	2.5023G	-51.96	17.58837G	-41.62	2
2462MHz	Pass	2.45711G	4.10	-25.90	238.54M	-56.16	2.3948G	-52.62	2.4G	-55.42	2.5015G	-51.00	15.29577G	-40.91	1
2462MHz	Pass	2.45711G	4.10	-25.90	2.18875G	-54.89	2.39584G	-53.49	2.4G	-55.05	2.50166G	-50.70	17.66704G	-41.79	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45461G	2.05	-27.95	2.30397G	-54.65	2.4G	-29.22	2.4G	-30.89	2.50766G	-52.15	17.63522G	-41.71	1
2422MHz	Pass	2.45461G	2.05	-27.95	2.16314G	-54.62	2.39968G	-31.86	2.4G	-30.86	2.50494G	-52.95	16.24135G	-40.50	2
2437MHz	Pass	2.45461G	2.05	-27.95	2.07039G	-54.80	2.39904G	-49.92	2.4G	-49.72	2.50558G	-51.71	16.24977G	-41.10	1
2437MHz	Pass	2.45461G	2.05	-27.95	2.30512G	-55.55	2.39968G	-47.13	2.4G	-46.84	2.50174G	-50.65	16.57229G	-41.37	2
2452MHz	Pass	2.45461G	2.05	-27.95	902.49M	-55.53	2.3992G	-51.42	2.4G	-52.92	2.50142G	-48.85	24.60736G	-41.98	1
2452MHz	Pass	2.45461G	2.05	-27.95	2.30741G	-54.43	2.39952G	-50.96	2.4G	-51.51	2.50094G	-46.68	16.8864G	-41.32	2

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

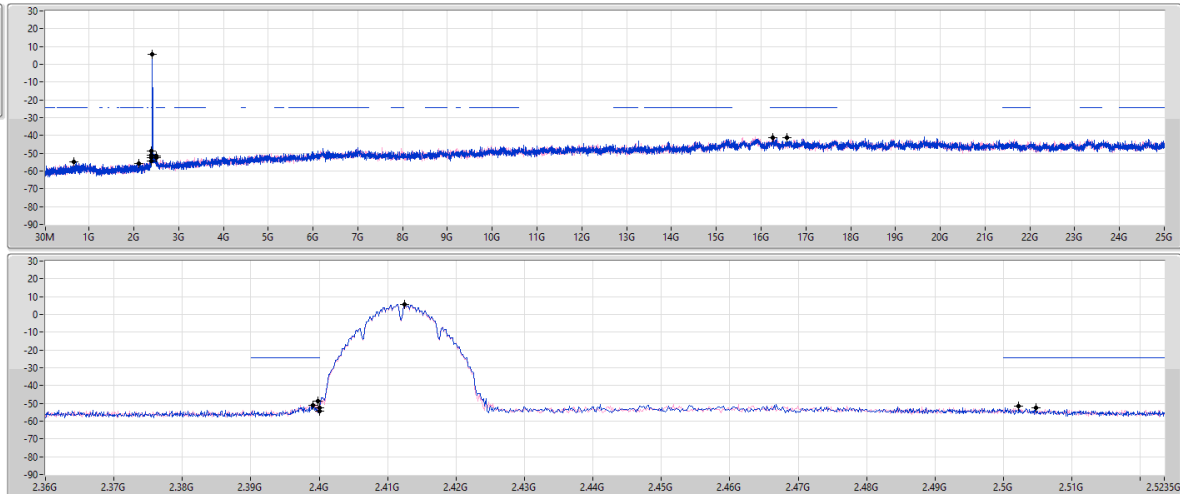
CSEndB

2412MHz

09/12/2024

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
2.41253G	5.75	-24.25	670.75M	-55.01	2.39912G	-51.06	2.4G	-52.44	2.50222G	-51.58	16.58536G	-41.48	1
2.41253G	5.75	-24.25	2.12001G	-55.79	2.39976G	-48.65	2.4G	-54.25	2.50478G	-52.49	16.26226G	-41.37	2

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

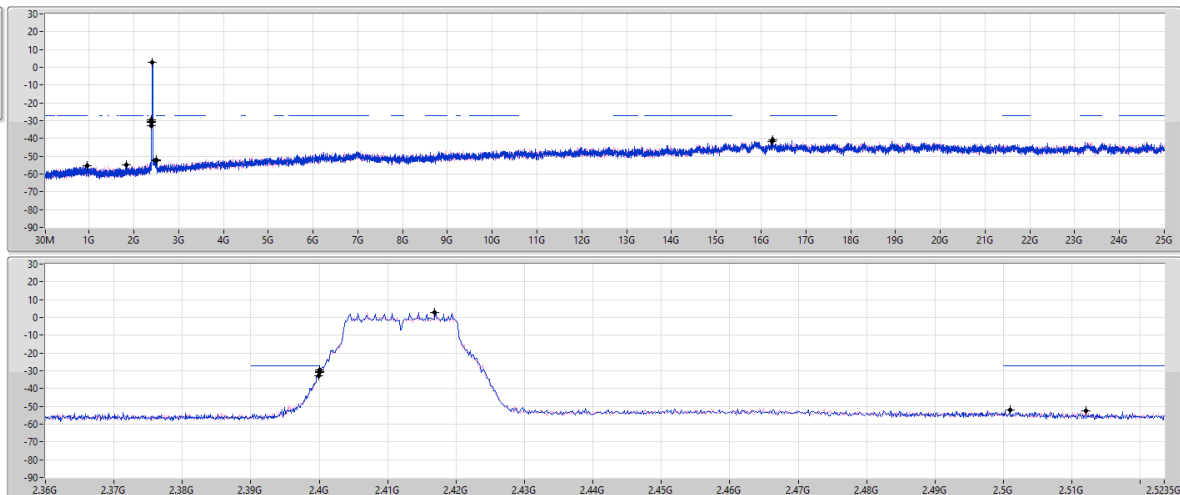
CSEndB

2412MHz

09/12/2024

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

Port 1
Port 2



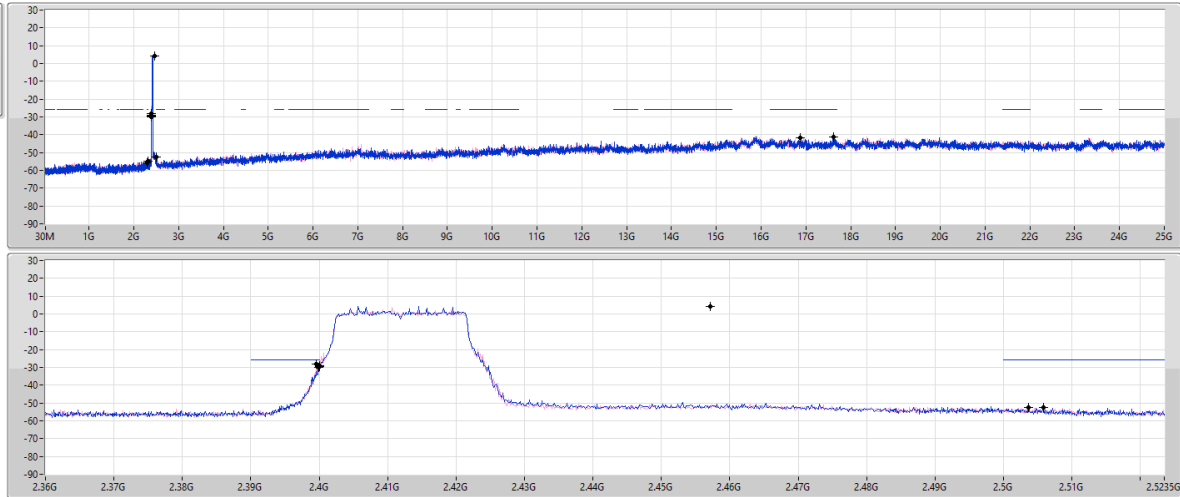
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41687G	2.82	-27.18	1.83808G	-54.81	2.4G	-31.11	2.4G	-29.55	2.50094G	-52.02	16.25664G	-40.65	1
2.41687G	2.82	-27.18	951.52M	-55.09	2.39992G	-32.63	2.4G	-30.65	2.51206G	-52.29	16.23978G	-41.77	2

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

CSEndB

2412MHz

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



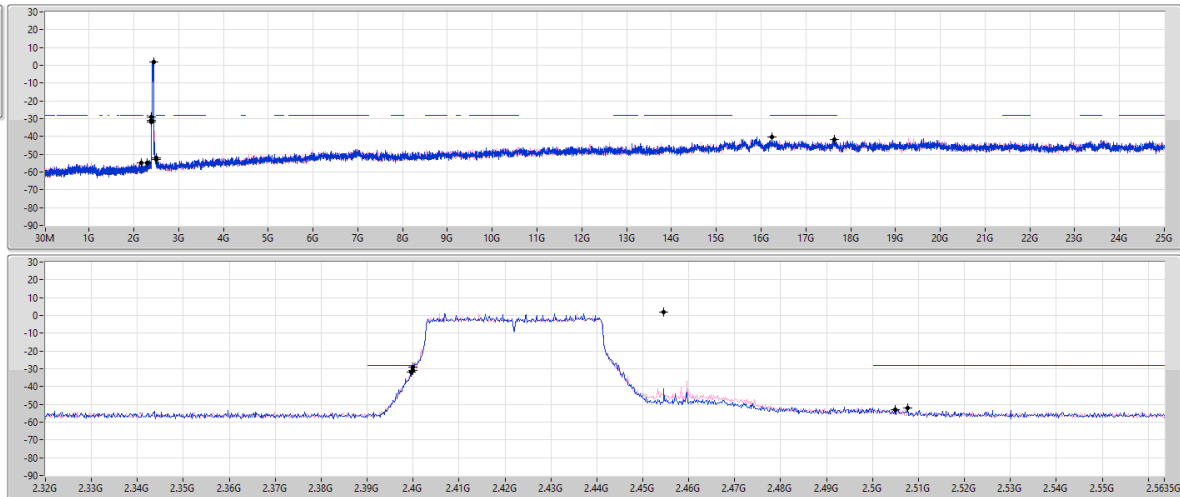
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45711G	4.10	-25.90	2.30991G	-54.66	2.39992G	-30.07	2.4G	-29.67	2.50366G	-52.72	16.87194G	-41.58	1
2.45711G	4.10	-25.90	2.30292G	-55.68	2.3996G	-28.27	2.4G	-28.97	2.5059G	-52.72	17.61647G	-41.34	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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
2.45461G	2.05	-27.95	2.30397G	-54.65	2.4G	-29.22	2.4G	-30.89	2.50766G	-52.15	17.63522G	-41.71	1
2.45461G	2.05	-27.95	2.16314G	-54.62	2.39968G	-31.86	2.4G	-30.86	2.50494G	-52.95	16.24135G	-40.50	2

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level	Freq	Level	Freq	Level	Freq	Level	Port
								(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43758G	8.37	-21.63	867.64M	-54.67	2.39992G	-44.25	2.4G	-42.71	2.52238G	-52.92	24.98876G	-42.28	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	8.00	-22.00	2.16778G	-55.27	2.4G	-28.33	2.4G	-26.22	2.5103G	-52.80	16.22293G	-41.91	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43574G	8.01	-21.99	2.08972G	-55.31	2.39952G	-25.55	2.4G	-27.50	2.5151G	-53.58	16.25383G	-40.47	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.43323G	5.72	-24.28	952.87M	-54.69	2.39984G	-26.93	2.4G	-27.59	2.51774G	-53.57	16.21891G	-41.49	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	2.43758G	8.37	-21.63	867.64M	-54.67	2.39992G	-44.25	2.4G	-42.71	2.52238G	-52.92	24.98876G	-42.28	1
2412MHz	Pass	2.43758G	8.37	-21.63	2.1736G	-55.47	2.4G	-45.57	2.4G	-46.87	2.52126G	-53.72	21.70157G	-42.14	2
2437MHz	Pass	2.43758G	8.37	-21.63	2.12351G	-54.90	2.39656G	-53.80	2.4G	-53.76	2.50822G	-52.93	16.24821G	-40.90	1
2437MHz	Pass	2.43758G	8.37	-21.63	2.03963G	-55.71	2.39864G	-53.74	2.4G	-54.76	2.5119G	-53.04	16.2454G	-40.90	2
2462MHz	Pass	2.43758G	8.37	-21.63	684.73M	-55.70	2.39704G	-53.50	2.4G	-53.46	2.51182G	-53.16	16.66122G	-42.36	1
2462MHz	Pass	2.43758G	8.37	-21.63	862.98M	-55.85	2.39728G	-54.01	2.4G	-54.40	2.51654G	-53.38	16.50669G	-42.19	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.00	-22.00	2.30059G	-55.09	2.4G	-28.43	2.4G	-27.11	2.52254G	-52.66	17.0658G	-41.85	1
2412MHz	Pass	2.43824G	8.00	-22.00	2.16778G	-55.27	2.4G	-28.33	2.4G	-26.22	2.5103G	-52.80	16.22293G	-41.91	2
2437MHz	Pass	2.43824G	8.00	-22.00	1.99885G	-55.59	2.3992G	-52.77	2.4G	-52.57	2.50894G	-53.58	16.30159G	-42.07	1
2437MHz	Pass	2.43824G	8.00	-22.00	2.13982G	-55.25	2.39856G	-52.65	2.4G	-52.63	2.51774G	-53.33	23.30302G	-41.96	2
2462MHz	Pass	2.43824G	8.00	-22.00	2.18292G	-55.30	2.4G	-52.40	2.4G	-52.18	2.50214G	-53.21	23.24121G	-41.86	1
2462MHz	Pass	2.43824G	8.00	-22.00	2.17593G	-55.53	2.4G	-52.76	2.4G	-52.32	2.50166G	-52.66	16.95903G	-42.19	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	8.01	-21.99	2.00701G	-55.69	2.39984G	-27.97	2.4G	-27.03	2.5139G	-52.08	16.3044G	-41.85	1
2412MHz	Pass	2.43574G	8.01	-21.99	2.08972G	-55.31	2.39952G	-25.55	2.4G	-27.50	2.5151G	-53.58	16.25383G	-40.47	2
2437MHz	Pass	2.43574G	8.01	-21.99	2.07458G	-54.67	2.4G	-52.39	2.4G	-52.23	2.50182G	-52.51	16.20045G	-42.50	1
2437MHz	Pass	2.43574G	8.01	-21.99	2.14681G	-54.59	2.39888G	-53.34	2.4G	-51.90	2.51302G	-52.94	17.60523G	-41.40	2
2462MHz	Pass	2.43574G	8.01	-21.99	1.9872G	-54.63	2.4G	-53.05	2.4G	-52.98	2.5195G	-53.10	16.65841G	-42.13	1
2462MHz	Pass	2.43574G	8.01	-21.99	2.14797G	-55.49	2.4G	-53.82	2.4G	-51.51	2.5223G	-53.05	16.23978G	-41.51	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43323G	5.72	-24.28	2.19291G	-55.32	2.4G	-28.91	2.4G	-29.27	2.54622G	-53.85	17.54828G	-41.58	1
2422MHz	Pass	2.43323G	5.72	-24.28	952.87M	-54.69	2.39984G	-26.93	2.4G	-27.59	2.51774G	-53.57	16.21891G	-41.49	2
2437MHz	Pass	2.43323G	5.72	-24.28	31.15M	-54.76	2.39968G	-48.29	2.4G	-48.28	2.5235G	-52.93	17.60998G	-41.87	1
2437MHz	Pass	2.43323G	5.72	-24.28	30M	-54.79	2.39952G	-44.06	2.4G	-50.16	2.54878G	-52.67	16.6396G	-41.75	2
2452MHz	Pass	2.43323G	5.72	-24.28	944.86M	-54.75	2.4G	-52.18	2.4G	-51.25	2.50014G	-51.54	16.20489G	-42.16	1
2452MHz	Pass	2.43323G	5.72	-24.28	1.79559G	-55.90	2.39936G	-51.60	2.4G	-52.85	2.50046G	-51.40	17.61559G	-41.42	2

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

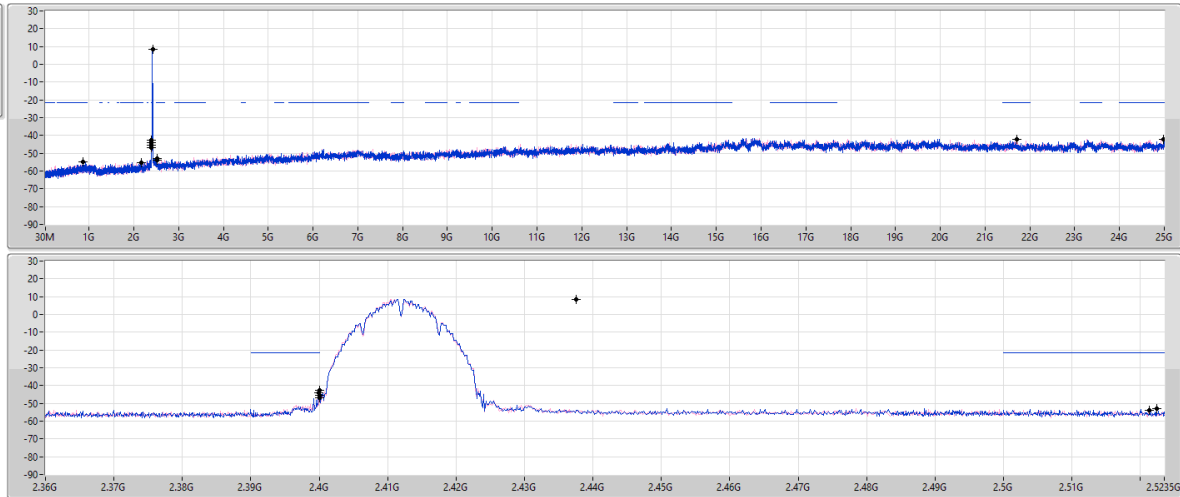
CSEndB

2412MHz

15/11/2024

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
2.43758G	8.37	-21.63	867.64M	-54.67	2.39992G	-44.25	2.4G	-42.71	2.52238G	-52.92	24.98876G	-42.28	1
2.43758G	8.37	-21.63	2.1736G	-55.47	2.4G	-45.57	2.4G	-46.87	2.52126G	-53.72	21.70157G	-42.14	2

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

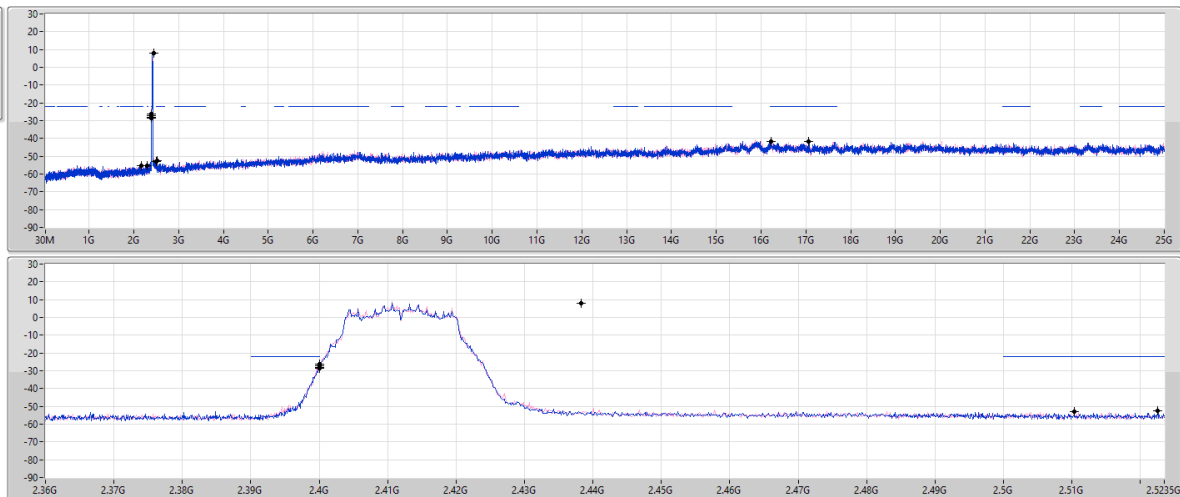
CSEndB

2412MHz

15/11/2024

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

Port 1
Port 2



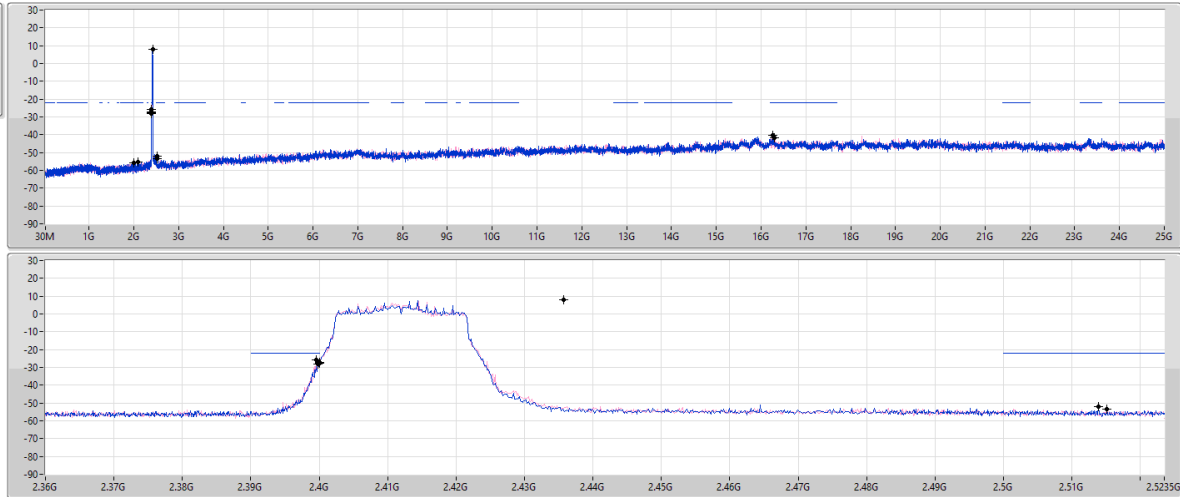
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	8.00	-22.00	2.30099G	-55.09	2.4G	-28.43	2.4G	-27.11	2.52254G	-52.66	17.0658G	-41.85	1
2.43824G	8.00	-22.00	2.16778G	-55.27	2.4G	-28.33	2.4G	-26.22	2.5103G	-52.80	16.22293G	-41.91	2

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

CSEndB

2412MHz

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



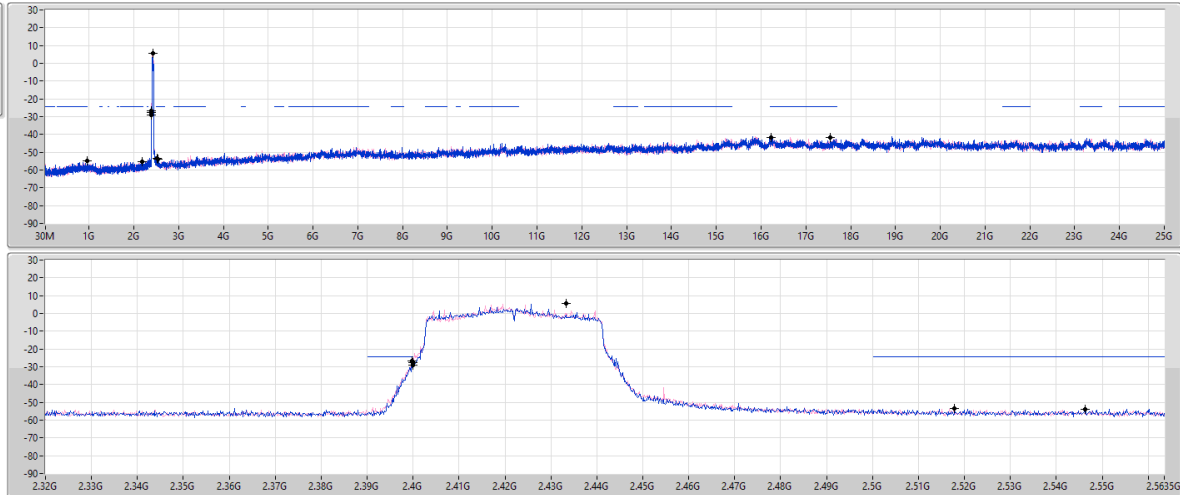
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	8.01	-21.99	2.00701G	-55.69	2.39984G	-27.97	2.4G	-27.03	2.5139G	-52.08	16.3044G	-41.85	1
2.43574G	8.01	-21.99	2.08972G	-55.31	2.39952G	-25.55	2.4G	-27.50	2.5151G	-53.38	16.25383G	-40.47	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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
2.43323G	5.72	-24.28	2.19291G	-55.32	2.4G	-28.91	2.4G	-29.27	2.54622G	-53.85	17.54828G	-41.58	1
2.43323G	5.72	-24.28	952.87M	-54.69	2.39984G	-26.93	2.4G	-27.59	2.51774G	-53.57	16.21891G	-41.49	2

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46296G	7.03	-22.97	734.83M	-53.99	2.39832G	-48.79	2.4G	-46.24	2.50038G	-52.42	16.54603G	-41.83	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	4.78	-25.22	895.6M	-54.75	2.39992G	-30.62	2.4G	-28.22	2.5075G	-52.48	17.63052G	-41.65	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44192G	4.56	-25.44	2.30292G	-55.63	2.3996G	-27.77	2.4G	-29.22	2.5003G	-52.45	15.3042G	-41.47	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.4521G	2.34	-27.66	1.8746G	-54.95	2.4G	-28.88	2.4G	-31.32	2.50574G	-52.93	16.83872G	-41.28	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	2.46296G	7.03	-22.97	2.15613G	-55.72	2.39992G	-49.50	2.4G	-49.78	2.50286G	-51.86	17.65299G	-41.28	1
2412MHz	Pass	2.46296G	7.03	-22.97	734.83M	-53.99	2.39832G	-48.79	2.4G	-46.24	2.50038G	-52.42	16.54603G	-41.83	2
2437MHz	Pass	2.46296G	7.03	-22.97	1.84391G	-54.97	2.39728G	-52.51	2.4G	-53.28	2.5023G	-52.60	16.22574G	-42.24	1
2437MHz	Pass	2.46296G	7.03	-22.97	532.12M	-55.40	2.39584G	-53.33	2.4G	-54.07	2.50054G	-52.90	16.22855G	-40.70	2
2462MHz	Pass	2.46296G	7.03	-22.97	2.18875G	-55.82	2.396G	-53.39	2.4G	-54.58	2.50502G	-52.25	16.43645G	-41.87	1
2462MHz	Pass	2.46296G	7.03	-22.97	738.32M	-55.14	2.39544G	-52.95	2.4G	-54.50	2.50542G	-53.14	24.62071G	-41.44	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	4.78	-25.22	2.30641G	-55.64	2.4G	-29.46	2.4G	-28.26	2.50598G	-51.78	16.32407G	-41.80	1
2412MHz	Pass	2.44192G	4.78	-25.22	895.6M	-54.75	2.39992G	-30.62	2.4G	-28.22	2.5075G	-52.48	17.63052G	-41.65	2
2437MHz	Pass	2.44192G	4.78	-25.22	2.16428G	-55.88	2.39736G	-51.91	2.4G	-53.01	2.50118G	-51.66	16.82698G	-40.84	1
2437MHz	Pass	2.44192G	4.78	-25.22	2.13516G	-55.61	2.3996G	-52.71	2.4G	-53.68	2.50198G	-51.93	23.32831G	-40.78	2
2462MHz	Pass	2.44192G	4.78	-25.22	2.0804G	-55.65	2.3992G	-53.51	2.4G	-54.60	2.50174G	-52.38	23.22436G	-41.29	1
2462MHz	Pass	2.44192G	4.78	-25.22	2.30059G	-55.35	2.39816G	-53.38	2.4G	-55.58	2.50334G	-51.48	17.6249G	-41.15	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	4.56	-25.44	1.92313G	-55.44	2.39984G	-31.14	2.4G	-30.92	2.5027G	-51.69	16.22574G	-40.32	1
2412MHz	Pass	2.44192G	4.56	-25.44	2.30292G	-55.63	2.3996G	-27.77	2.4G	-29.22	2.5003G	-52.45	15.3042G	-41.47	2
2437MHz	Pass	2.44192G	4.56	-25.44	920.06M	-55.44	2.3972G	-53.14	2.4G	-53.99	2.5007G	-52.55	16.25664G	-42.07	1
2437MHz	Pass	2.44192G	4.56	-25.44	2.30874G	-54.03	2.39848G	-52.15	2.4G	-52.47	2.50894G	-52.34	15.28453G	-40.95	2
2462MHz	Pass	2.44192G	4.56	-25.44	1.8474G	-55.52	2.39872G	-53.16	2.4G	-54.14	2.50046G	-51.41	23.27212G	-41.68	1
2462MHz	Pass	2.44192G	4.56	-25.44	811.72M	-54.75	2.39424G	-53.19	2.4G	-55.00	2.50286G	-52.36	17.61085G	-41.58	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4521G	2.34	-27.66	1.8746G	-54.95	2.4G	-28.88	2.4G	-31.32	2.50574G	-52.93	16.83872G	-41.28	1
2422MHz	Pass	2.4521G	2.34	-27.66	2.15512G	-55.45	2.39968G	-29.84	2.4G	-30.18	2.5019G	-51.95	16.61997G	-41.82	2
2437MHz	Pass	2.4521G	2.34	-27.66	2.18718G	-55.02	2.39888G	-47.72	2.4G	-49.14	2.5003G	-51.72	15.26536G	-41.74	1
2437MHz	Pass	2.4521G	2.34	-27.66	802.88M	-55.68	2.39984G	-43.88	2.4G	-45.80	2.50142G	-50.40	23.3397G	-41.81	2
2452MHz	Pass	2.4521G	2.34	-27.66	2.14367G	-55.57	2.4G	-51.91	2.4G	-51.96	2.50062G	-48.05	16.2105G	-41.65	1
2452MHz	Pass	2.4521G	2.34	-27.66	2.30741G	-55.13	2.39984G	-48.53	2.4G	-51.30	2.50142G	-47.06	16.21331G	-40.44	2

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

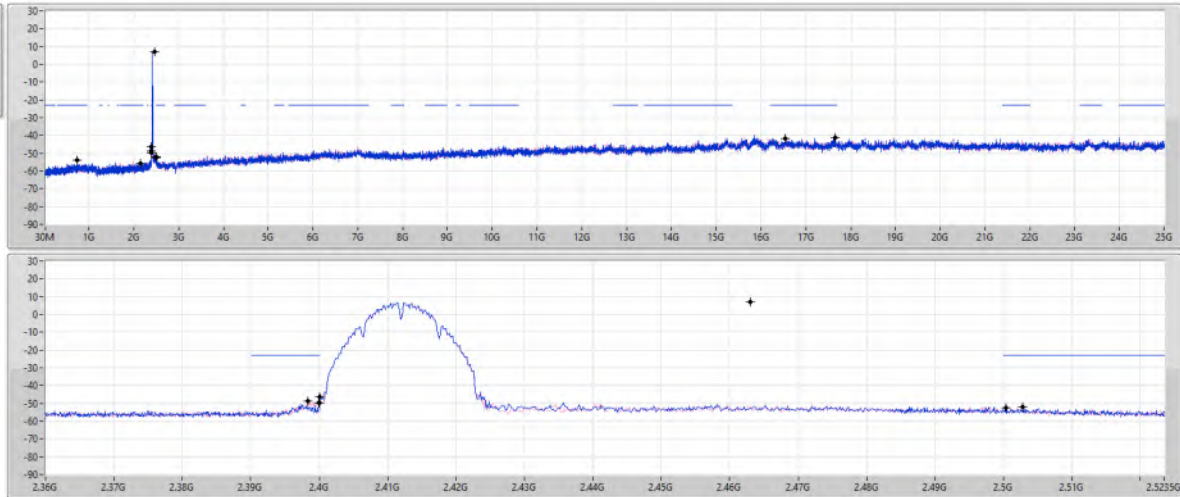
CSEndB

2412MHz

09/12/2024

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

Port 1
Port 2



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

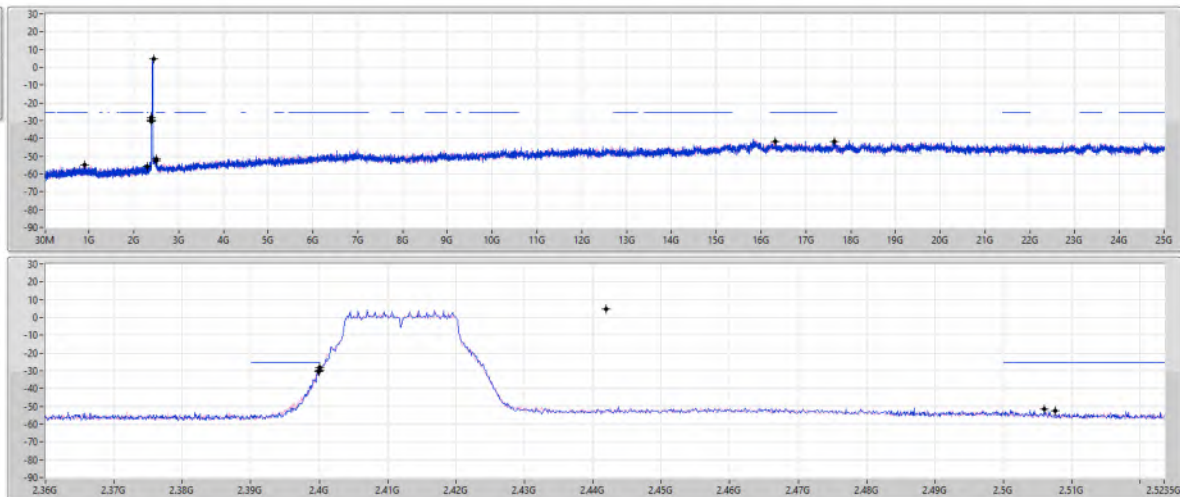
CSEndB

2412MHz

09/12/2024

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

Port 1
Port 2



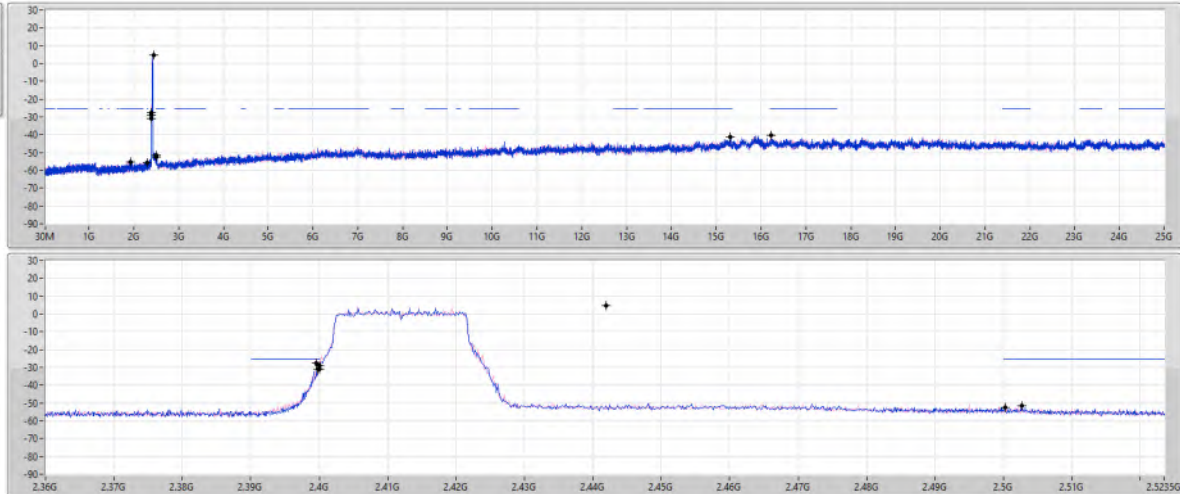
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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

09/12/2024
Port 1
Port 2



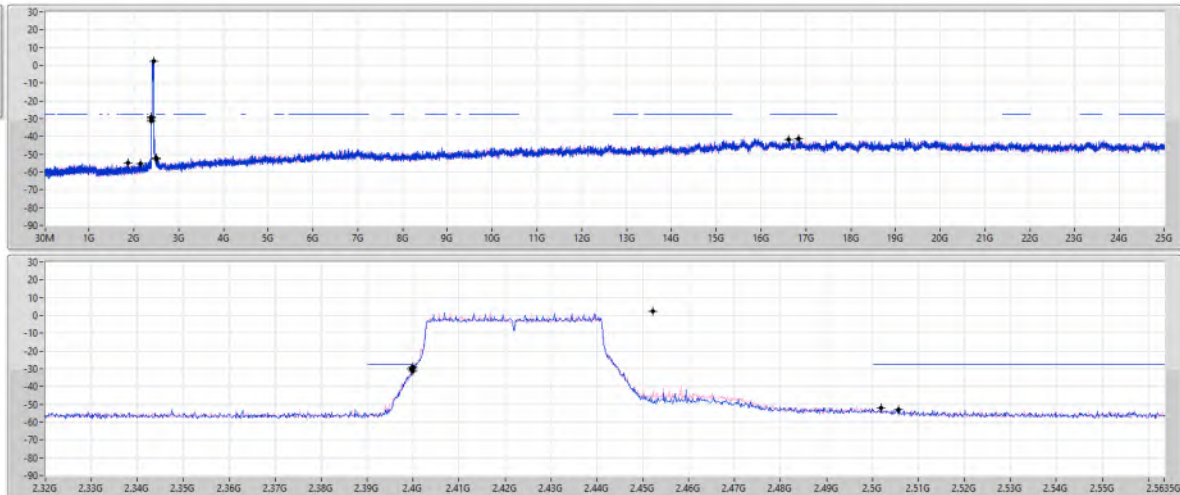
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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

09/12/2024
Port 1
Port 2



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41253G	8.62	-21.38	1.87187G	-55.68	2.3996G	-45.89	2.4G	-44.49	2.51614G	-52.66	17.66142G	-41.74	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41319G	8.75	-21.25	2.30991G	-55.43	2.4G	-29.34	2.4G	-27.57	2.52286G	-52.14	16.94779G	-41.67	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.41436G	7.48	-22.52	2.0373G	-55.92	2.39952G	-27.33	2.4G	-29.64	2.50006G	-53.19	16.92813G	-41.44	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.4182G	4.74	-25.26	2.15856G	-55.42	2.4G	-29.23	2.4G	-27.89	2.5083G	-53.58	16.24135G	-41.35	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	2.41253G	8.62	-21.38	1.87187G	-55.68	2.3996G	-45.89	2.4G	-44.49	2.51614G	-52.66	17.66142G	-41.74	1
2412MHz	Pass	2.41253G	8.62	-21.38	2.30292G	-55.07	2.3996G	-46.52	2.4G	-46.32	2.51486G	-53.34	23.3255G	-41.65	2
2437MHz	Pass	2.41253G	8.62	-21.38	2.16312G	-55.62	2.39928G	-54.15	2.4G	-55.82	2.5063G	-53.11	17.60523G	-39.65	1
2437MHz	Pass	2.41253G	8.62	-21.38	2.14215G	-55.96	2.4G	-53.95	2.4G	-53.95	2.51694G	-52.76	23.30583G	-42.53	2
2462MHz	Pass	2.41253G	8.62	-21.38	2.18991G	-55.84	2.39936G	-54.14	2.4G	-55.89	2.50942G	-53.20	16.32969G	-42.08	1
2462MHz	Pass	2.41253G	8.62	-21.38	2.30292G	-55.46	2.4G	-53.67	2.4G	-54.13	2.50118G	-53.65	16.26507G	-41.43	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41319G	8.75	-21.25	2.14564G	-54.60	2.4G	-29.90	2.4G	-27.70	2.50038G	-52.86	16.21169G	-41.80	1
2412MHz	Pass	2.41319G	8.75	-21.25	2.30991G	-55.43	2.4G	-29.34	2.4G	-27.57	2.52286G	-52.14	16.94779G	-41.67	2
2437MHz	Pass	2.41319G	8.75	-21.25	2.30059G	-55.55	2.4G	-53.50	2.4G	-52.55	2.51638G	-53.28	16.32969G	-41.46	1
2437MHz	Pass	2.41319G	8.75	-21.25	892.1M	-55.41	2.4G	-51.28	2.4G	-51.65	2.50238G	-53.29	16.26226G	-42.03	2
2462MHz	Pass	2.41319G	8.75	-21.25	2.30292G	-55.81	2.398G	-53.64	2.4G	-53.28	2.50046G	-52.71	17.59961G	-40.95	1
2462MHz	Pass	2.41319G	8.75	-21.25	2.30758G	-54.94	2.4G	-50.48	2.4G	-49.73	2.50886G	-53.09	23.32831G	-40.67	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41436G	7.48	-22.52	2.0373G	-55.92	2.39952G	-27.33	2.4G	-29.64	2.50006G	-53.19	16.92813G	-41.44	1
2412MHz	Pass	2.41436G	7.48	-22.52	2.09322G	-55.60	2.4G	-29.06	2.4G	-27.42	2.50062G	-53.23	17.66142G	-42.36	2
2437MHz	Pass	2.41436G	7.48	-22.52	1.85439G	-55.52	2.39592G	-53.78	2.4G	-54.21	2.50558G	-54.01	17.61085G	-41.02	1
2437MHz	Pass	2.41436G	7.48	-22.52	1.77284G	-55.73	2.4G	-52.23	2.4G	-51.46	2.51774G	-53.25	23.32269G	-41.06	2
2462MHz	Pass	2.41436G	7.48	-22.52	867.64M	-56.06	2.3992G	-53.05	2.4G	-54.39	2.50566G	-52.96	16.29878G	-40.65	1
2462MHz	Pass	2.41436G	7.48	-22.52	2.17244G	-54.76	2.4G	-51.10	2.4G	-50.68	2.5007G	-52.90	17.60523G	-40.84	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4182G	4.74	-25.26	2.15856G	-55.42	2.4G	-29.23	2.4G	-27.89	2.5083G	-53.58	16.24135G	-41.35	1
2422MHz	Pass	2.4182G	4.74	-25.26	2.17459G	-55.17	2.39984G	-27.99	2.4G	-28.73	2.54062G	-53.40	24.59053G	-41.46	2
2437MHz	Pass	2.4182G	4.74	-25.26	2.3097G	-55.43	2.39952G	-47.39	2.4G	-49.81	2.53022G	-53.37	16.22172G	-41.59	1
2437MHz	Pass	2.4182G	4.74	-25.26	1.97307G	-54.95	2.4G	-50.39	2.4G	-49.55	2.50078G	-52.63	16.36475G	-41.43	2
2452MHz	Pass	2.4182G	4.74	-25.26	1.99253G	-56.04	2.39776G	-52.90	2.4G	-53.69	2.50478G	-53.11	16.95651G	-41.07	1
2452MHz	Pass	2.4182G	4.74	-25.26	30M	-55.19	2.4G	-51.27	2.4G	-49.59	2.50094G	-53.29	23.32848G	-41.82	2

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

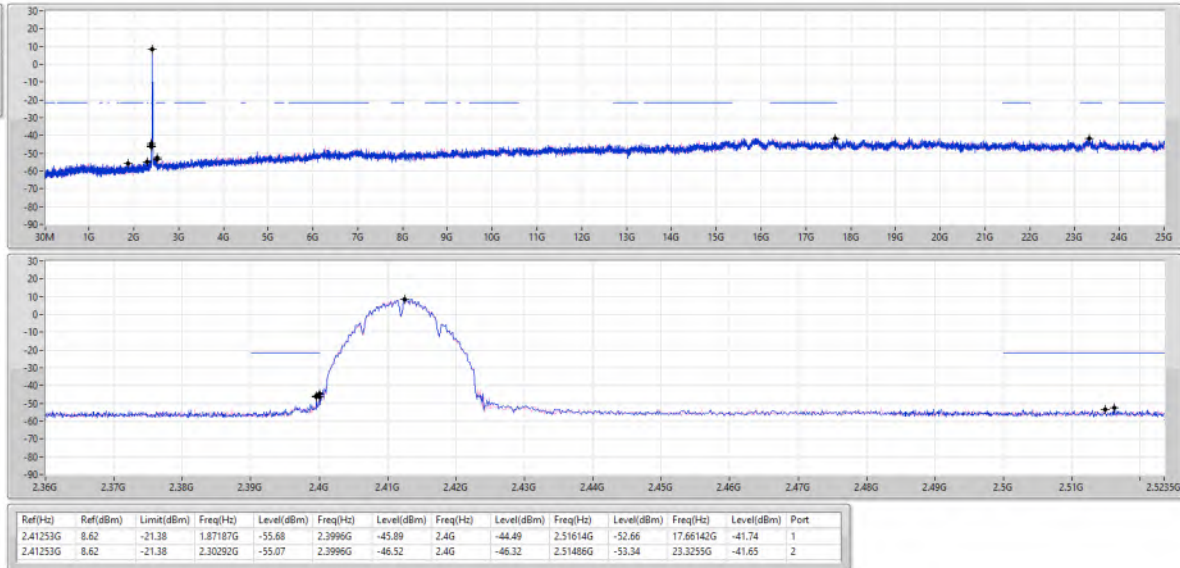
CSEndB

2412MHz

24/12/2024

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

Port 1
Port 2



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

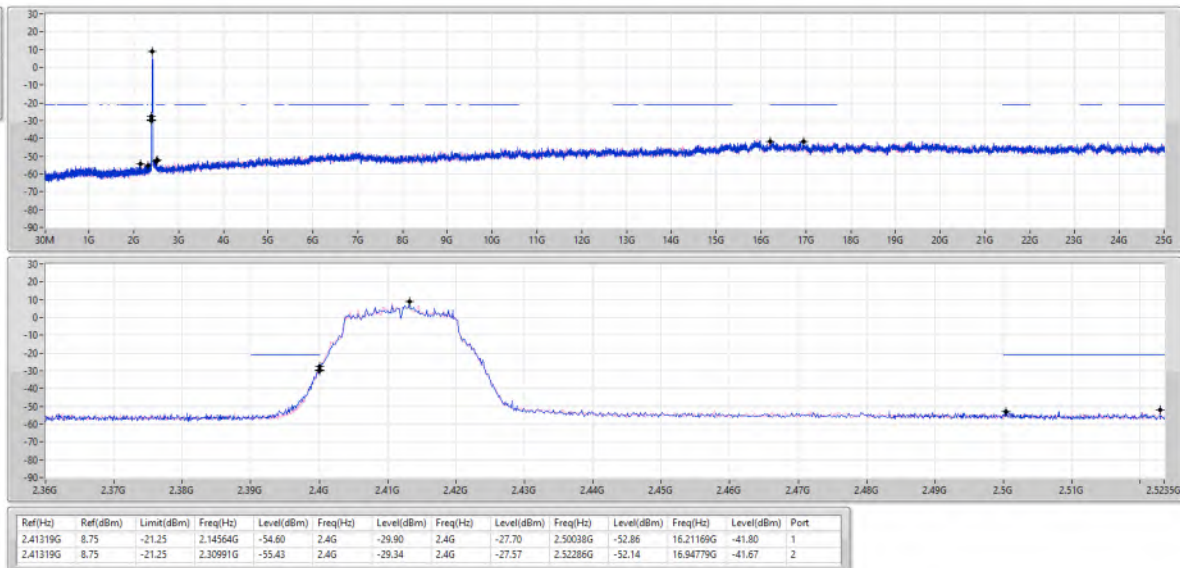
CSEndB

2412MHz

24/12/2024

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

Port 1
Port 2



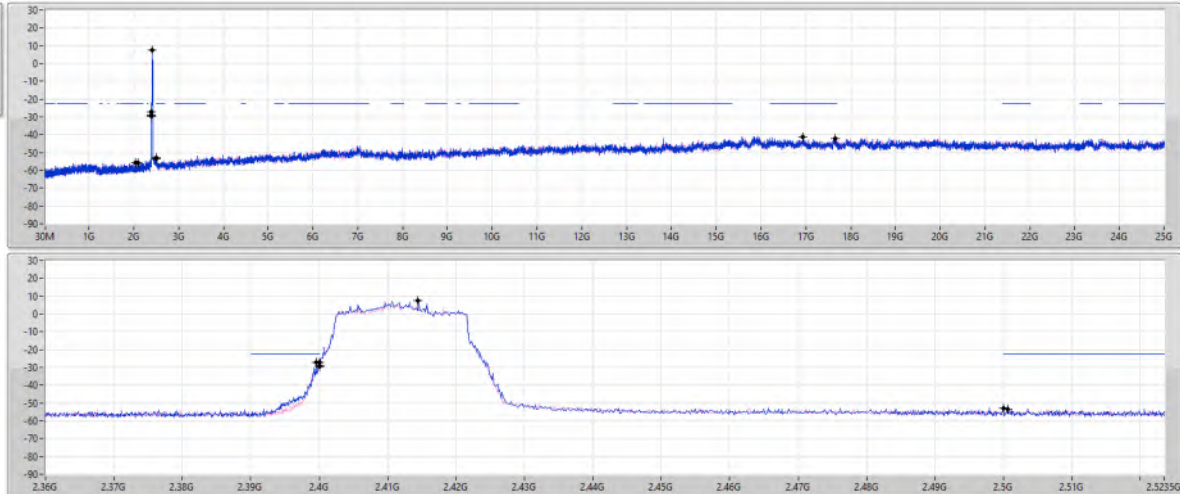
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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

24/12/2024
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
2.41436G	7.48	-22.52	2.0373G	-55.92	2.39953G	-27.33	2.4G	-29.64	2.50006G	-53.19	16.92813G	-41.44	1
2.41436G	7.48	-22.52	2.09322G	-55.60	2.4G	-29.06	2.4G	-27.42	2.50062G	-53.23	17.66142G	-42.36	2

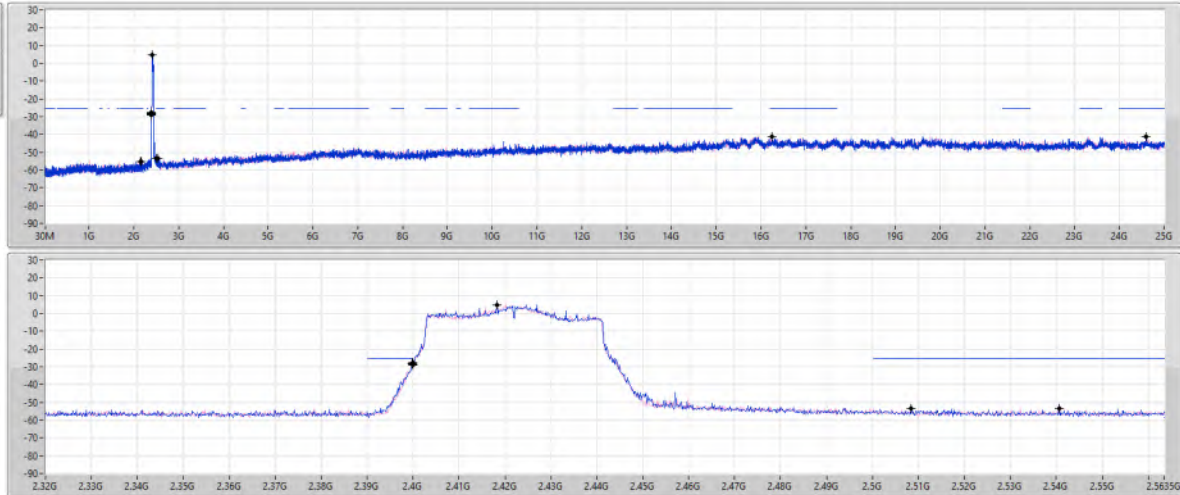
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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

24/12/2024
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
2.4182G	4.74	-25.26	2.15856G	-55.42	2.4G	-29.23	2.4G	-27.89	2.5083G	-53.58	16.24135G	-41.35	1
2.4182G	4.74	-25.26	2.17499G	-55.17	2.39984G	-27.99	2.4G	-28.73	2.54062G	-53.40	24.59053G	-41.46	2



Summary

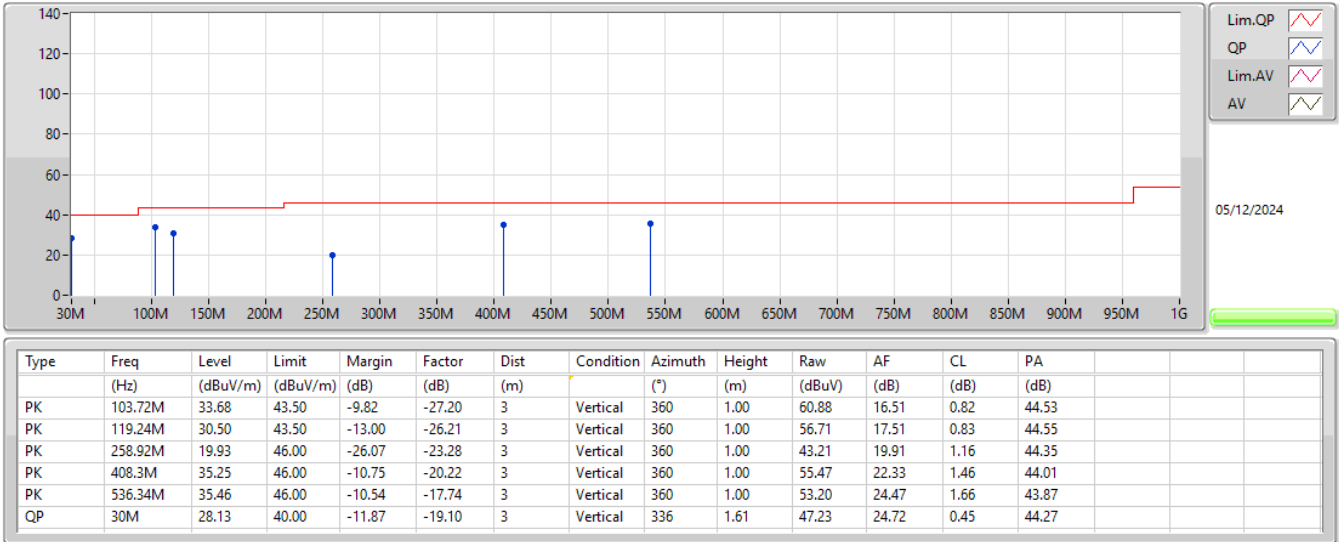
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	408.3M	40.04	46.00	-5.96	3	Horizontal	0	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	103.72M	33.68	43.50	-9.82	3	Vertical	360	1.00
2437MHz	Pass	PK	119.24M	30.50	43.50	-13.00	3	Vertical	360	1.00
2437MHz	Pass	PK	258.92M	19.93	46.00	-26.07	3	Vertical	360	1.00
2437MHz	Pass	PK	408.3M	35.25	46.00	-10.75	3	Vertical	360	1.00
2437MHz	Pass	PK	536.34M	35.46	46.00	-10.54	3	Vertical	360	1.00
2437MHz	Pass	QP	30M	28.13	40.00	-11.87	3	Vertical	336	1.61
2437MHz	Pass	PK	30M	31.70	40.00	-8.30	3	Horizontal	0	1.00
2437MHz	Pass	PK	90.14M	28.59	43.50	-14.91	3	Horizontal	0	1.00
2437MHz	Pass	PK	334.58M	31.61	46.00	-14.39	3	Horizontal	0	1.00
2437MHz	Pass	PK	408.3M	40.04	46.00	-5.96	3	Horizontal	0	1.00
2437MHz	Pass	PK	577.08M	28.12	46.00	-17.88	3	Horizontal	0	1.00
2437MHz	Pass	PK	718.7M	36.89	46.00	-9.11	3	Horizontal	0	1.00

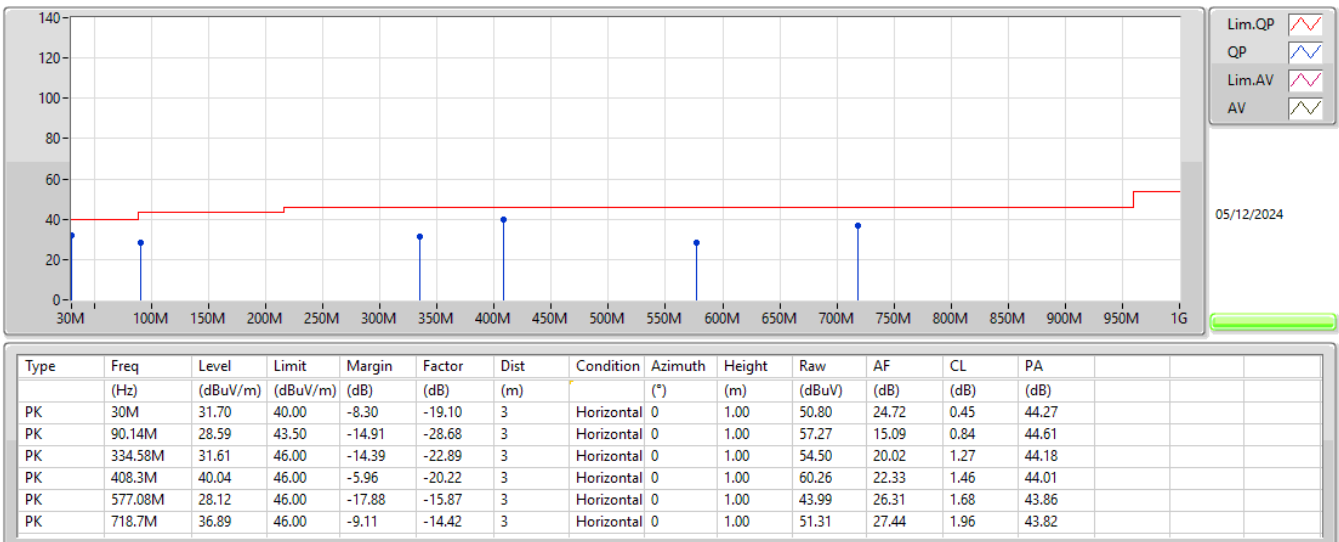
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX



**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	2.4835G	44.75	54.00	-9.25	3	Vertical	356	1.50
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4838G	45.14	54.00	-8.86	3	Vertical	12	1.54
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	47.66	54.00	-6.34	3	Horizontal	65	2.31
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.48704G	50.78	54.00	-3.22	3	Vertical	18	1.21

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	2.3728G	43.07	54.00	-10.93	3	Vertical	22	1.10
2412MHz	Pass	AV	2.4128G	106.55	Inf	-Inf	3	Vertical	22	1.10
2412MHz	Pass	PK	2.3756G	57.24	74.00	-16.76	3	Vertical	22	1.10
2412MHz	Pass	PK	2.4128G	109.15	Inf	-Inf	3	Vertical	22	1.10
2412MHz	Pass	AV	2.3674G	43.09	54.00	-10.91	3	Horizontal	63	2.13
2412MHz	Pass	AV	2.4132G	107.11	Inf	-Inf	3	Horizontal	63	2.13
2412MHz	Pass	PK	2.3766G	57.49	74.00	-16.51	3	Horizontal	63	2.13
2412MHz	Pass	PK	2.4134G	109.71	Inf	-Inf	3	Horizontal	63	2.13
2412MHz	Pass	AV	4.82396G	32.35	54.00	-21.65	3	Vertical	353	1.74
2412MHz	Pass	PK	4.82408G	42.49	74.00	-31.51	3	Vertical	353	1.74
2412MHz	Pass	AV	4.824G	31.50	54.00	-22.50	3	Horizontal	9	1.50
2412MHz	Pass	PK	4.8236G	42.26	74.00	-31.74	3	Horizontal	9	1.50
2437MHz	Pass	AV	2.373G	42.88	54.00	-11.12	3	Vertical	24	1.24
2437MHz	Pass	AV	2.43764G	105.71	Inf	-Inf	3	Vertical	24	1.24
2437MHz	Pass	AV	2.48404G	44.37	54.00	-9.63	3	Vertical	24	1.24
2437MHz	Pass	PK	2.36436G	56.89	74.00	-17.11	3	Vertical	24	1.24
2437MHz	Pass	PK	2.43796G	108.50	Inf	-Inf	3	Vertical	24	1.24
2437MHz	Pass	PK	2.49492G	59.04	74.00	-14.96	3	Vertical	24	1.24
2437MHz	Pass	AV	2.38996G	42.88	54.00	-11.12	3	Horizontal	67	2.37
2437MHz	Pass	AV	2.4386G	106.26	Inf	-Inf	3	Horizontal	67	2.37
2437MHz	Pass	AV	2.49876G	44.68	54.00	-9.32	3	Horizontal	67	2.37
2437MHz	Pass	PK	2.365G	57.30	74.00	-16.70	3	Horizontal	67	2.37
2437MHz	Pass	PK	2.4386G	108.97	Inf	-Inf	3	Horizontal	67	2.37
2437MHz	Pass	PK	2.48628G	58.06	74.00	-15.94	3	Horizontal	67	2.37
2437MHz	Pass	AV	4.87388G	27.47	54.00	-26.53	3	Vertical	12	1.50
2437MHz	Pass	PK	4.88204G	41.54	74.00	-32.46	3	Vertical	12	1.50
2437MHz	Pass	AV	4.87106G	27.75	54.00	-26.25	3	Horizontal	356	1.50
2437MHz	Pass	PK	4.86998G	41.30	74.00	-32.70	3	Horizontal	356	1.50
2462MHz	Pass	AV	2.4612G	105.63	Inf	-Inf	3	Vertical	356	1.50
2462MHz	Pass	AV	2.4835G	44.75	54.00	-9.25	3	Vertical	356	1.50
2462MHz	Pass	PK	2.461G	108.29	Inf	-Inf	3	Vertical	356	1.50
2462MHz	Pass	PK	2.4986G	58.86	74.00	-15.14	3	Vertical	356	1.50
2462MHz	Pass	AV	2.4628G	106.00	Inf	-Inf	3	Horizontal	64	2.04
2462MHz	Pass	AV	2.4932G	44.33	54.00	-9.67	3	Horizontal	64	2.04
2462MHz	Pass	PK	2.4628G	108.77	Inf	-Inf	3	Horizontal	64	2.04
2462MHz	Pass	PK	2.4996G	58.02	74.00	-15.98	3	Horizontal	64	2.04
2462MHz	Pass	AV	4.92412G	28.18	54.00	-25.82	3	Vertical	358	1.43
2462MHz	Pass	PK	4.91356G	41.59	74.00	-32.41	3	Vertical	358	1.43
2462MHz	Pass	AV	4.921G	27.84	54.00	-26.16	3	Horizontal	338	1.50
2462MHz	Pass	PK	4.91908G	41.77	74.00	-32.23	3	Horizontal	338	1.50
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	42.98	54.00	-11.02	3	Vertical	16	1.09
2412MHz	Pass	AV	2.4058G	99.60	Inf	-Inf	3	Vertical	16	1.09
2412MHz	Pass	PK	2.3708G	57.20	74.00	-16.80	3	Vertical	16	1.09
2412MHz	Pass	PK	2.4058G	109.93	Inf	-Inf	3	Vertical	16	1.09
2412MHz	Pass	AV	2.3708G	42.89	54.00	-11.11	3	Horizontal	68	2.38
2412MHz	Pass	AV	2.4104G	100.05	Inf	-Inf	3	Horizontal	68	2.38
2412MHz	Pass	PK	2.364G	57.01	74.00	-16.99	3	Horizontal	68	2.38
2412MHz	Pass	PK	2.4056G	110.69	Inf	-Inf	3	Horizontal	68	2.38
2412MHz	Pass	AV	4.83606G	26.76	54.00	-27.24	3	Vertical	115	1.50
2412MHz	Pass	PK	4.8234G	41.42	74.00	-32.58	3	Vertical	115	1.50
2412MHz	Pass	AV	4.82748G	26.76	54.00	-27.24	3	Horizontal	164	1.50
2412MHz	Pass	PK	4.83894G	42.03	74.00	-31.97	3	Horizontal	164	1.50
2437MHz	Pass	AV	2.38964G	42.90	54.00	-11.10	3	Vertical	18	2.08
2437MHz	Pass	AV	2.44404G	99.10	Inf	-Inf	3	Vertical	18	2.08
2437MHz	Pass	AV	2.4835G	44.40	54.00	-9.60	3	Vertical	18	2.08
2437MHz	Pass	PK	2.36596G	57.67	74.00	-16.33	3	Vertical	18	2.08
2437MHz	Pass	PK	2.44372G	109.37	Inf	-Inf	3	Vertical	18	2.08
2437MHz	Pass	PK	2.48532G	58.90	74.00	-15.10	3	Vertical	18	2.08
2437MHz	Pass	AV	2.38964G	42.92	54.00	-11.08	3	Horizontal	65	2.36



RSE TX above 1GHz Non-Beamforming Radio 0 O-435

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4402G	99.47	Inf	-Inf	3	Horizontal	65	2.36
2437MHz	Pass	AV	2.49108G	44.53	54.00	-9.47	3	Horizontal	65	2.36
2437MHz	Pass	PK	2.38516G	57.90	74.00	-16.10	3	Horizontal	65	2.36
2437MHz	Pass	PK	2.44052G	109.73	Inf	-Inf	3	Horizontal	65	2.36
2437MHz	Pass	PK	2.4962G	58.20	74.00	-15.80	3	Horizontal	65	2.36
2437MHz	Pass	AV	4.88654G	27.15	54.00	-26.85	3	Vertical	105	1.29
2437MHz	Pass	PK	4.8872G	41.27	74.00	-32.73	3	Vertical	105	1.29
2437MHz	Pass	AV	4.8866G	27.08	54.00	-26.92	3	Horizontal	218	1.50
2437MHz	Pass	PK	4.88756G	41.97	74.00	-32.03	3	Horizontal	218	1.50
2462MHz	Pass	AV	2.4692G	99.08	Inf	-Inf	3	Vertical	12	1.54
2462MHz	Pass	AV	2.4838G	45.14	54.00	-8.86	3	Vertical	12	1.54
2462MHz	Pass	PK	2.4596G	109.66	Inf	-Inf	3	Vertical	12	1.54
2462MHz	Pass	PK	2.4846G	59.47	74.00	-14.53	3	Vertical	12	1.54
2462MHz	Pass	AV	2.4598G	98.33	Inf	-Inf	3	Horizontal	302	1.00
2462MHz	Pass	AV	2.4844G	44.94	54.00	-9.06	3	Horizontal	302	1.00
2462MHz	Pass	PK	2.4596G	108.96	Inf	-Inf	3	Horizontal	302	1.00
2462MHz	Pass	PK	2.485G	58.55	74.00	-15.45	3	Horizontal	302	1.00
2462MHz	Pass	AV	4.92508G	27.37	54.00	-26.63	3	Vertical	93	1.50
2462MHz	Pass	PK	4.92298G	41.75	74.00	-32.25	3	Vertical	93	1.50
2462MHz	Pass	AV	4.93696G	27.37	54.00	-26.63	3	Horizontal	87	1.50
2462MHz	Pass	PK	4.91812G	41.69	74.00	-32.31	3	Horizontal	87	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	42.89	54.00	-11.11	3	Vertical	17	1.08
2412MHz	Pass	AV	2.407G	99.43	Inf	-Inf	3	Vertical	17	1.08
2412MHz	Pass	PK	2.3714G	57.42	74.00	-16.58	3	Vertical	17	1.08
2412MHz	Pass	PK	2.4086G	113.61	Inf	-Inf	3	Vertical	17	1.08
2412MHz	Pass	AV	2.3796G	42.92	54.00	-11.08	3	Horizontal	62	2.38
2412MHz	Pass	AV	2.406G	100.12	Inf	-Inf	3	Horizontal	62	2.38
2412MHz	Pass	PK	2.3626G	56.66	74.00	-17.34	3	Horizontal	62	2.38
2412MHz	Pass	PK	2.406G	113.13	Inf	-Inf	3	Horizontal	62	2.38
2412MHz	Pass	AV	4.82568G	27.06	54.00	-26.94	3	Vertical	350	1.50
2412MHz	Pass	PK	4.81086G	41.38	74.00	-32.62	3	Vertical	350	1.50
2412MHz	Pass	AV	4.82826G	26.88	54.00	-27.12	3	Horizontal	314	1.50
2412MHz	Pass	PK	4.83576G	41.36	74.00	-32.64	3	Horizontal	314	1.50
2437MHz	Pass	AV	2.38964G	42.90	54.00	-11.10	3	Vertical	11	1.59
2437MHz	Pass	AV	2.44564G	99.10	Inf	-Inf	3	Vertical	11	1.59
2437MHz	Pass	AV	2.48468G	44.47	54.00	-9.53	3	Vertical	11	1.59
2437MHz	Pass	PK	2.3826G	56.81	74.00	-17.19	3	Vertical	11	1.59
2437MHz	Pass	PK	2.44404G	112.37	Inf	-Inf	3	Vertical	11	1.59
2437MHz	Pass	PK	2.48404G	59.11	74.00	-14.89	3	Vertical	11	1.59
2437MHz	Pass	AV	2.36052G	42.86	54.00	-11.14	3	Horizontal	63	2.33
2437MHz	Pass	AV	2.43156G	98.80	Inf	-Inf	3	Horizontal	63	2.33
2437MHz	Pass	AV	2.4898G	44.53	54.00	-9.47	3	Horizontal	63	2.33
2437MHz	Pass	PK	2.373G	56.67	74.00	-17.33	3	Horizontal	63	2.33
2437MHz	Pass	PK	2.43156G	112.70	Inf	-Inf	3	Horizontal	63	2.33
2437MHz	Pass	PK	2.49204G	58.94	74.00	-15.06	3	Horizontal	63	2.33
2437MHz	Pass	AV	4.88876G	27.10	54.00	-26.90	3	Vertical	158	1.50
2437MHz	Pass	PK	4.85936G	41.09	74.00	-32.91	3	Vertical	158	1.50
2437MHz	Pass	AV	4.88894G	27.16	54.00	-26.84	3	Horizontal	333	1.26
2437MHz	Pass	PK	4.88228G	41.88	74.00	-32.12	3	Horizontal	333	1.26
2462MHz	Pass	AV	2.4706G	98.77	Inf	-Inf	3	Vertical	12	1.54
2462MHz	Pass	AV	2.4835G	44.97	54.00	-9.03	3	Vertical	12	1.54
2462MHz	Pass	PK	2.4698G	111.96	Inf	-Inf	3	Vertical	12	1.54
2462MHz	Pass	PK	2.4836G	59.28	74.00	-14.72	3	Vertical	12	1.54
2462MHz	Pass	AV	2.4558G	98.62	Inf	-Inf	3	Horizontal	65	2.31
2462MHz	Pass	AV	2.4835G	47.66	54.00	-6.34	3	Horizontal	65	2.31
2462MHz	Pass	PK	2.457G	112.59	Inf	-Inf	3	Horizontal	65	2.31
2462MHz	Pass	PK	2.4844G	62.54	74.00	-11.46	3	Horizontal	65	2.31
2462MHz	Pass	AV	4.92472G	27.30	54.00	-26.70	3	Vertical	243	1.50
2462MHz	Pass	PK	4.91506G	41.92	74.00	-32.08	3	Vertical	243	1.50
2462MHz	Pass	AV	4.92364G	27.36	54.00	-26.64	3	Horizontal	360	1.41
2462MHz	Pass	PK	4.91968G	41.51	74.00	-32.49	3	Horizontal	360	1.41



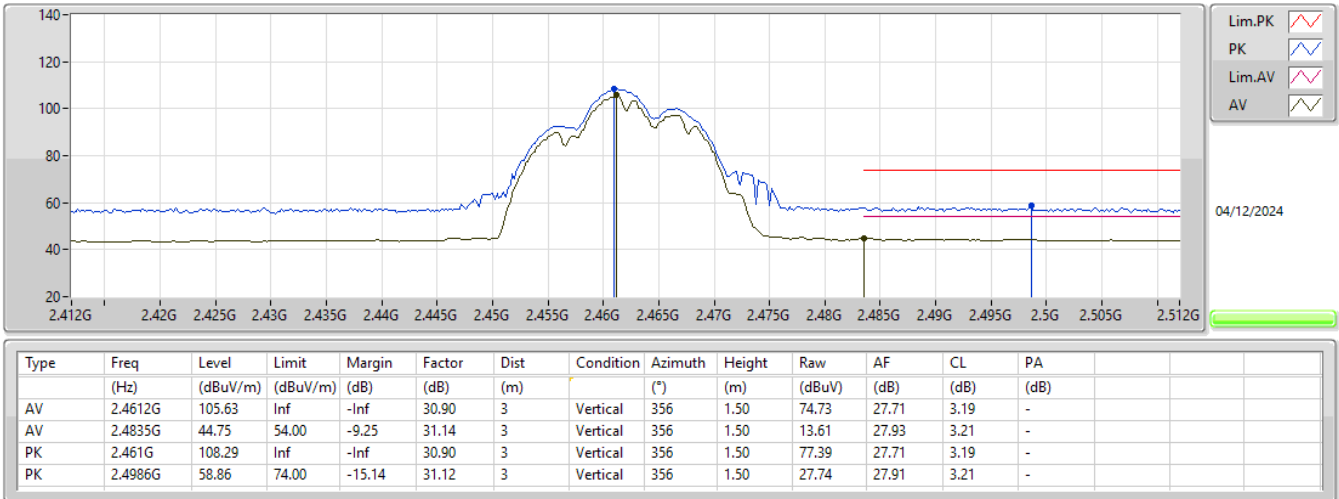
RSE TX above 1GHz Non-Beamforming Radio 0 O-435

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3752G	42.91	54.00	-11.09	3	Vertical	19	2.68
2422MHz	Pass	AV	2.40544G	95.87	Inf	-Inf	3	Vertical	19	2.68
2422MHz	Pass	PK	2.36368G	57.11	74.00	-16.89	3	Vertical	19	2.68
2422MHz	Pass	PK	2.40688G	109.88	Inf	-Inf	3	Vertical	19	2.68
2422MHz	Pass	AV	2.39G	43.06	54.00	-10.94	3	Horizontal	62	2.12
2422MHz	Pass	AV	2.416G	96.59	Inf	-Inf	3	Horizontal	62	2.12
2422MHz	Pass	PK	2.3632G	56.99	74.00	-17.01	3	Horizontal	62	2.12
2422MHz	Pass	PK	2.41672G	110.77	Inf	-Inf	3	Horizontal	62	2.12
2422MHz	Pass	AV	4.87352G	26.93	54.00	-27.07	3	Vertical	68	1.50
2422MHz	Pass	PK	4.85168G	41.42	74.00	-32.58	3	Vertical	68	1.50
2422MHz	Pass	AV	4.86692G	26.89	54.00	-27.11	3	Horizontal	337	1.26
2422MHz	Pass	PK	4.81592G	41.43	74.00	-32.57	3	Horizontal	337	1.26
2437MHz	Pass	AV	2.36692G	42.90	54.00	-11.10	3	Vertical	17	1.35
2437MHz	Pass	AV	2.4498G	96.23	Inf	-Inf	3	Vertical	17	1.35
2437MHz	Pass	AV	2.48628G	46.68	54.00	-7.32	3	Vertical	17	1.35
2437MHz	Pass	PK	2.36116G	57.86	74.00	-16.14	3	Vertical	17	1.35
2437MHz	Pass	PK	2.44852G	109.99	Inf	-Inf	3	Vertical	17	1.35
2437MHz	Pass	PK	2.48724G	63.77	74.00	-10.23	3	Vertical	17	1.35
2437MHz	Pass	AV	2.38964G	42.90	54.00	-11.10	3	Horizontal	62	2.27
2437MHz	Pass	AV	2.45108G	96.87	Inf	-Inf	3	Horizontal	62	2.27
2437MHz	Pass	AV	2.48852G	46.61	54.00	-7.39	3	Horizontal	62	2.27
2437MHz	Pass	PK	2.37908G	57.17	74.00	-16.83	3	Horizontal	62	2.27
2437MHz	Pass	PK	2.45108G	110.45	Inf	-Inf	3	Horizontal	62	2.27
2437MHz	Pass	PK	2.4882G	63.30	74.00	-10.70	3	Horizontal	62	2.27
2437MHz	Pass	AV	4.89044G	27.14	54.00	-26.86	3	Vertical	0	1.14
2437MHz	Pass	PK	4.85756G	41.26	74.00	-32.74	3	Vertical	0	1.14
2437MHz	Pass	AV	4.89068G	27.14	54.00	-26.86	3	Horizontal	29	2.87
2437MHz	Pass	PK	4.89572G	41.66	74.00	-32.34	3	Horizontal	29	2.87
2452MHz	Pass	AV	2.46712G	96.31	Inf	-Inf	3	Vertical	18	1.21
2452MHz	Pass	AV	2.48704G	50.78	54.00	-3.22	3	Vertical	18	1.21
2452MHz	Pass	PK	2.46952G	109.87	Inf	-Inf	3	Vertical	18	1.21
2452MHz	Pass	PK	2.4856G	65.47	74.00	-8.53	3	Vertical	18	1.21
2452MHz	Pass	AV	2.46232G	95.41	Inf	-Inf	3	Horizontal	299	1.25
2452MHz	Pass	AV	2.48368G	50.36	54.00	-3.64	3	Horizontal	299	1.25
2452MHz	Pass	PK	2.46208G	109.11	Inf	-Inf	3	Horizontal	299	1.25
2452MHz	Pass	PK	2.48416G	64.53	74.00	-9.47	3	Horizontal	299	1.25
2452MHz	Pass	AV	4.9316G	27.39	54.00	-26.61	3	Vertical	267	1.01
2452MHz	Pass	PK	4.92068G	41.66	74.00	-32.34	3	Vertical	267	1.01
2452MHz	Pass	AV	4.93364G	27.34	54.00	-26.66	3	Horizontal	231	1.50
2452MHz	Pass	PK	4.92968G	41.67	74.00	-32.33	3	Horizontal	231	1.50

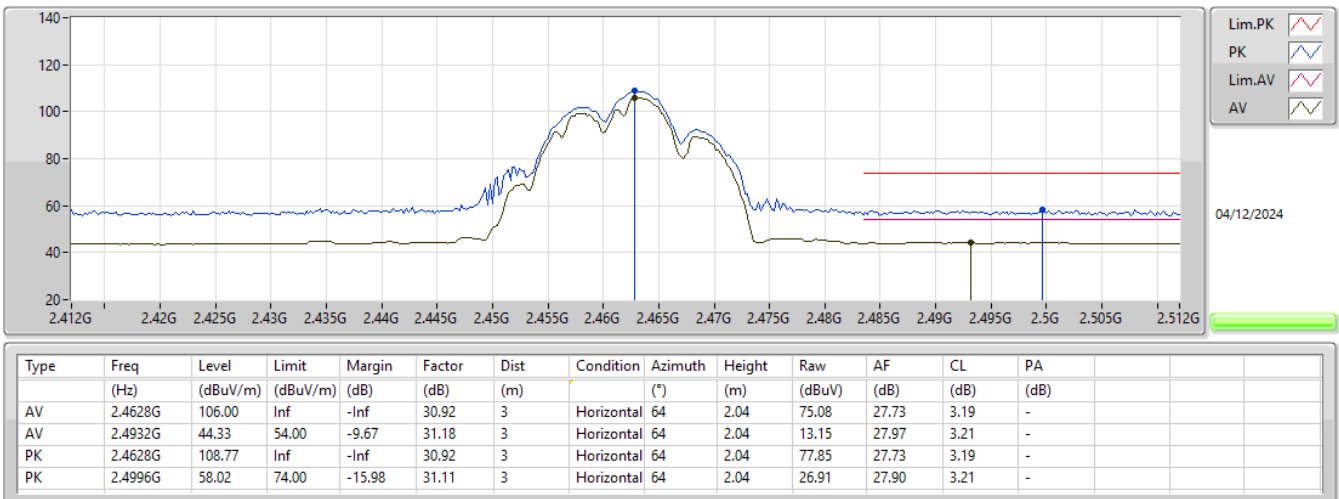
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2462MHz_TX



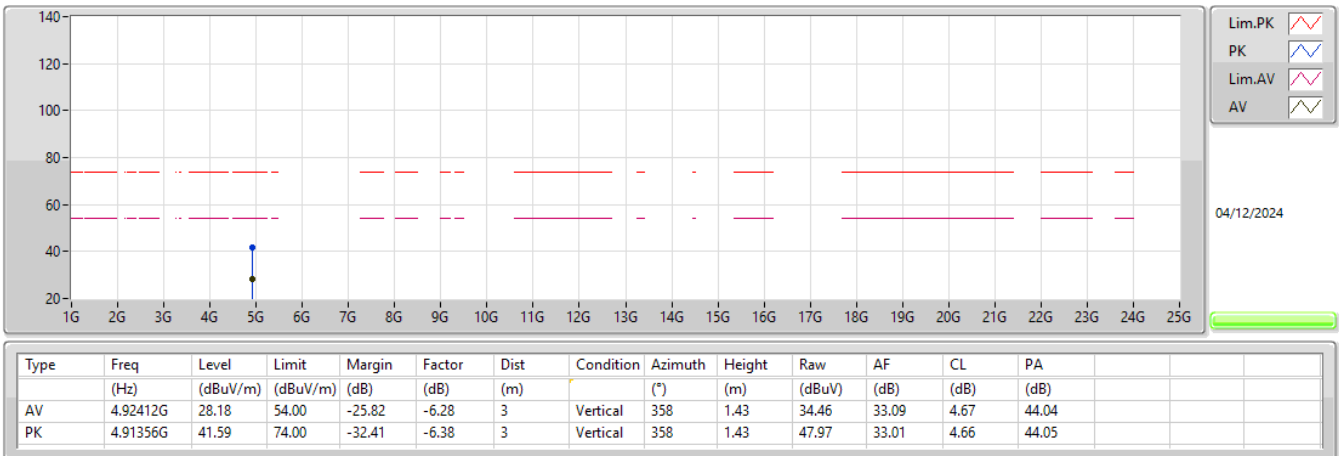
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2462MHz_TX



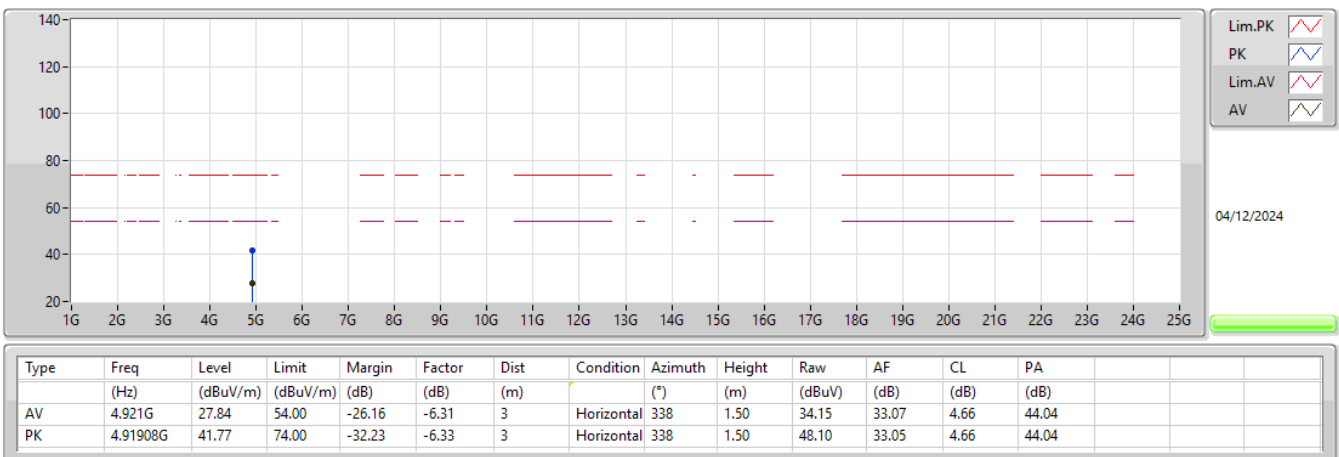
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2462MHz_TX



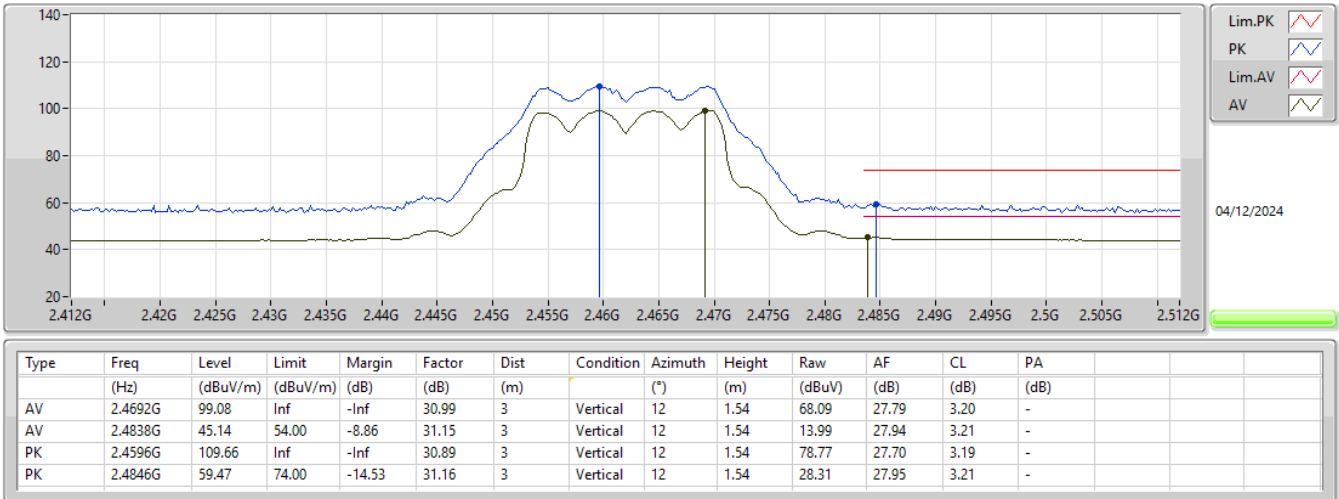
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2462MHz_TX



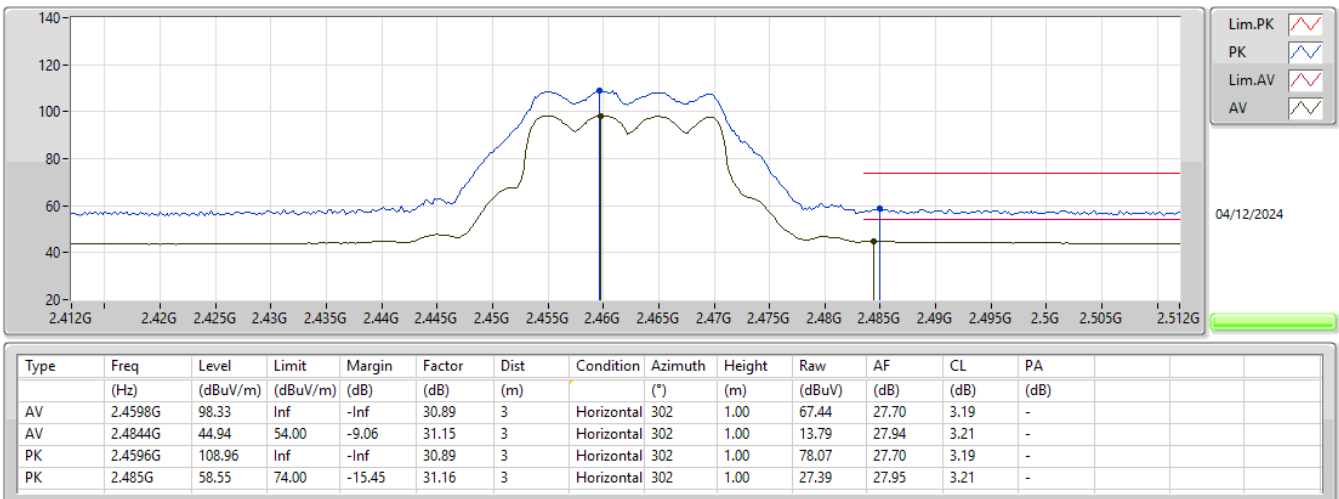
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



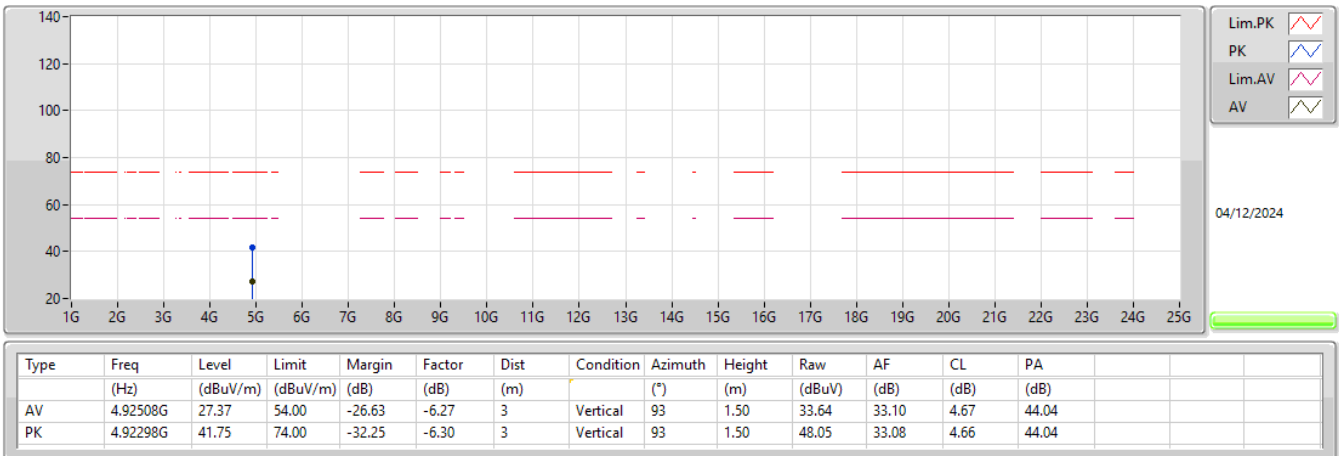
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



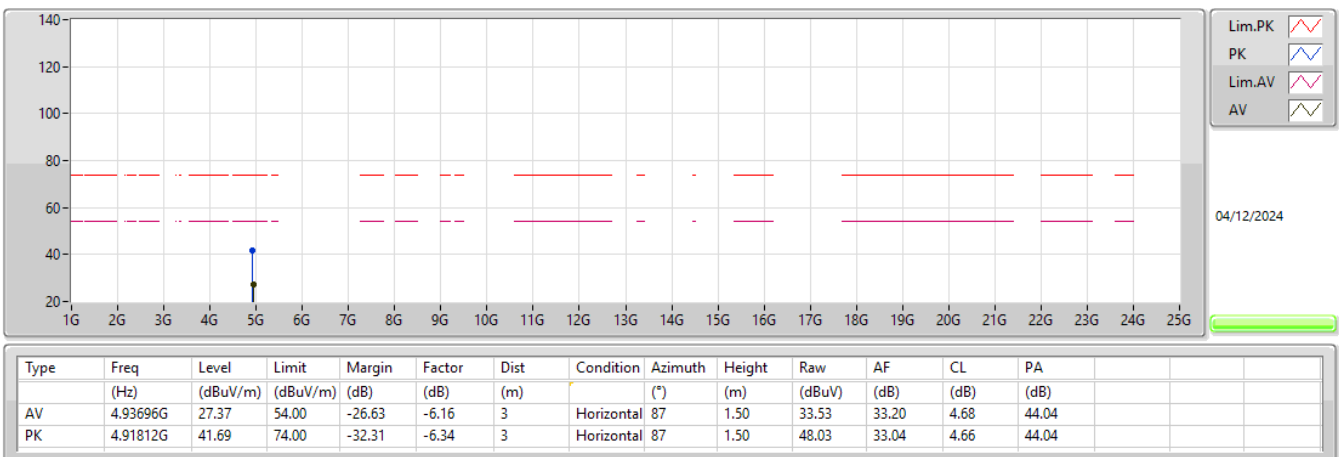
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2462MHz_TX



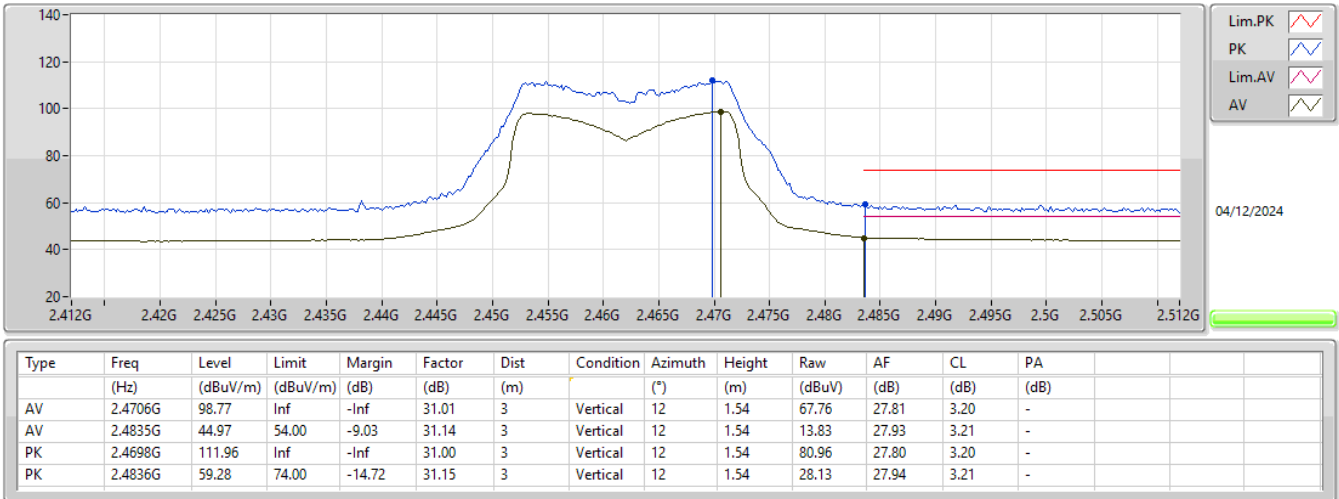
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2462MHz_TX



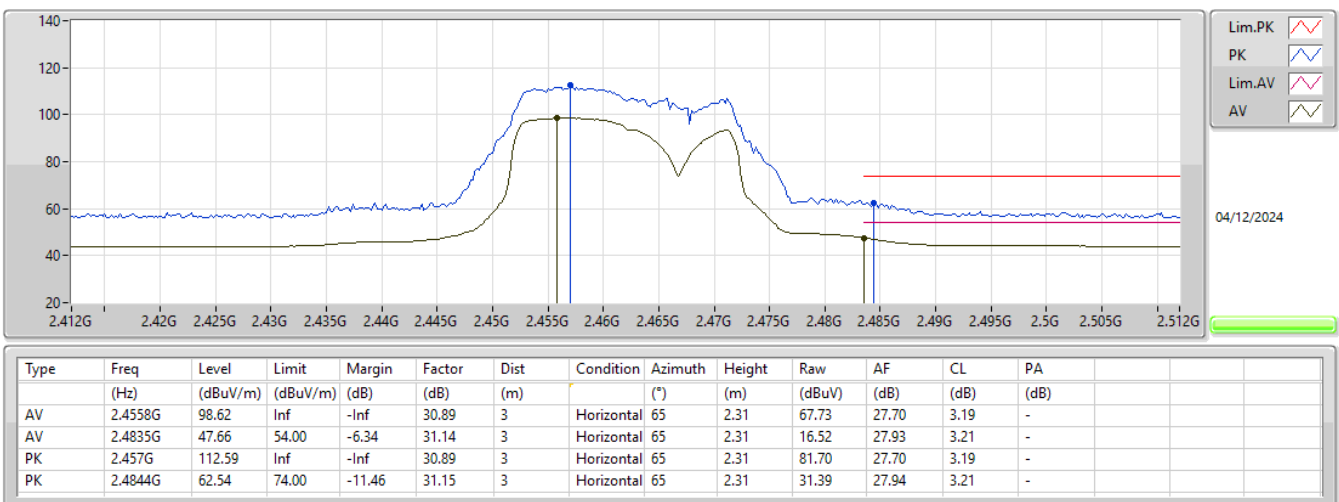
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



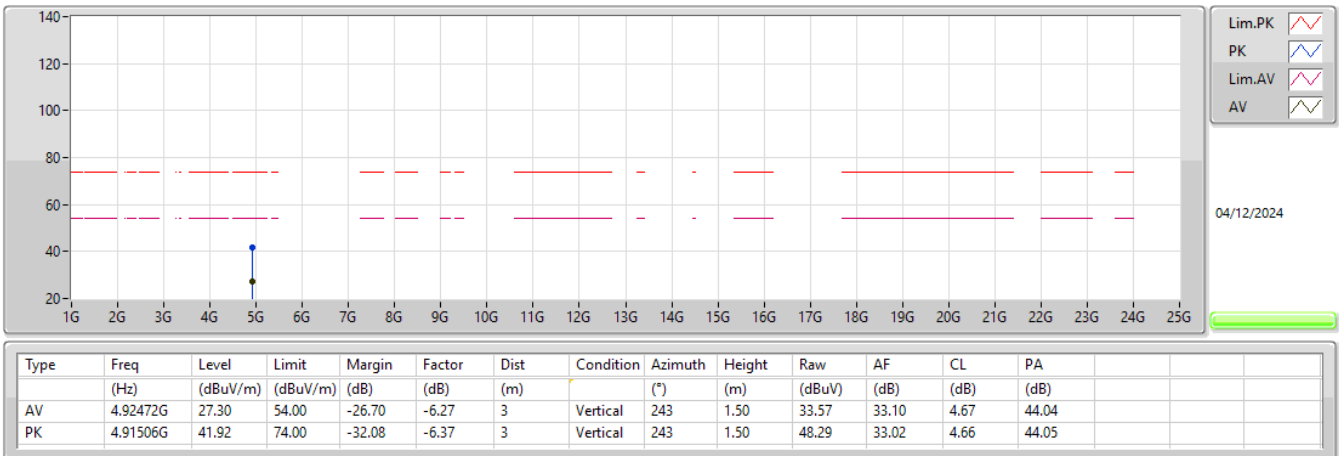
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2462MHz_TX



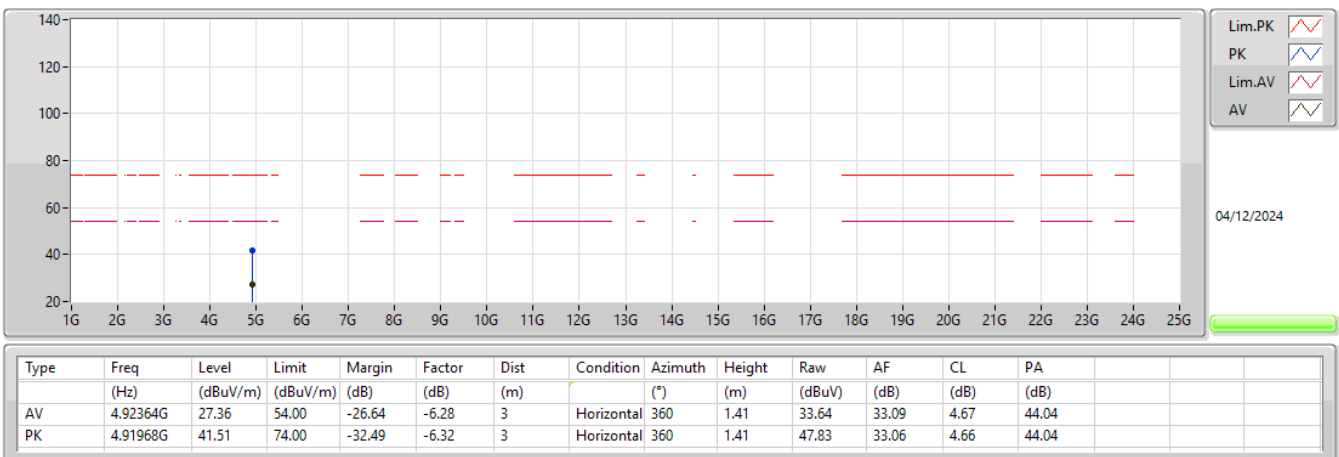
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2462MHz_TX



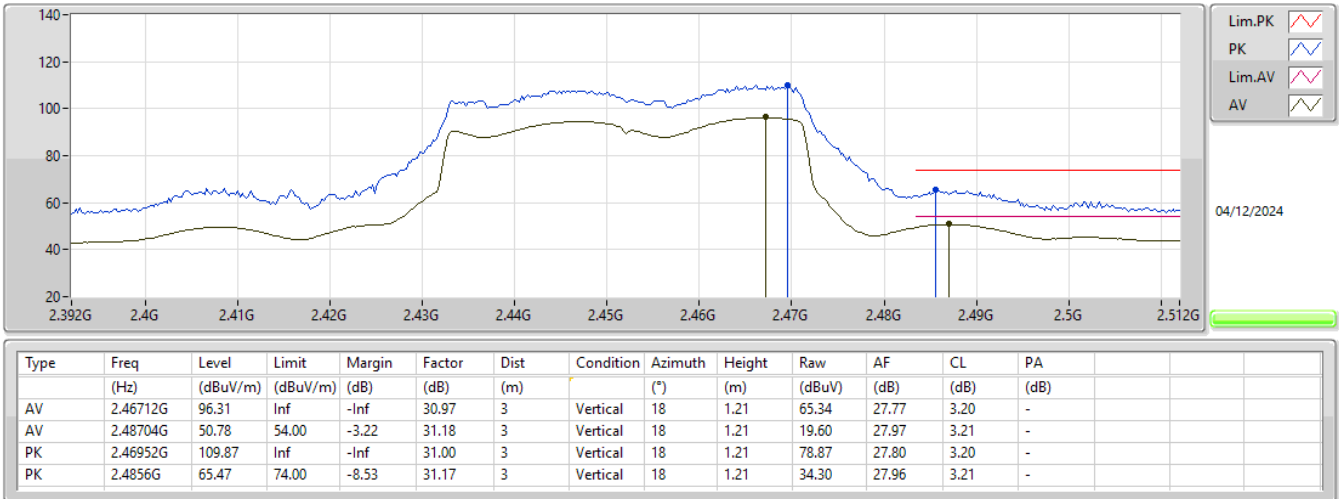
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2462MHz_TX



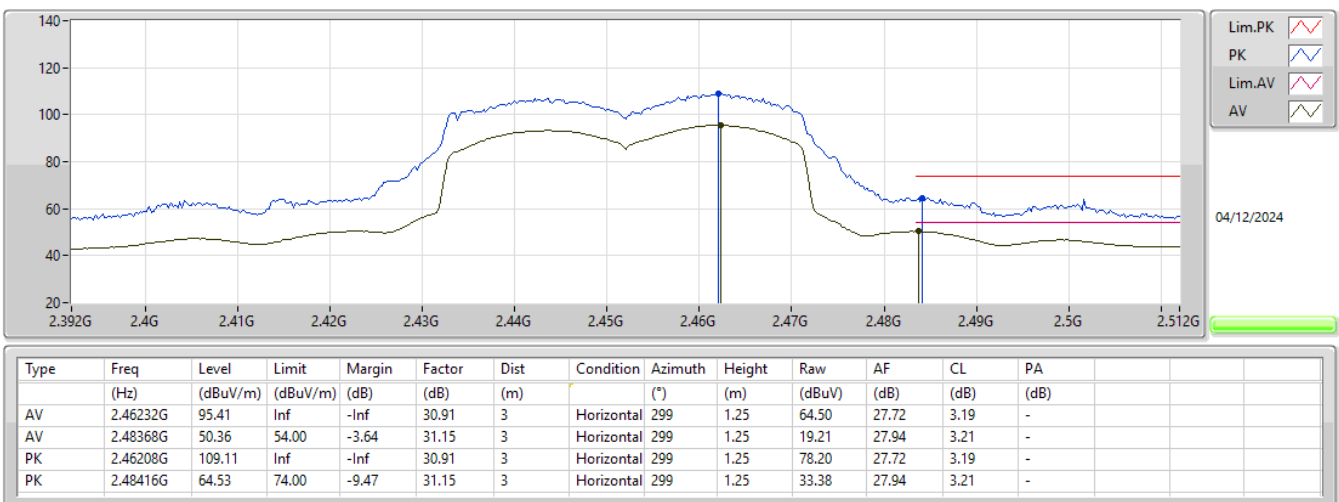
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2452MHz_TX



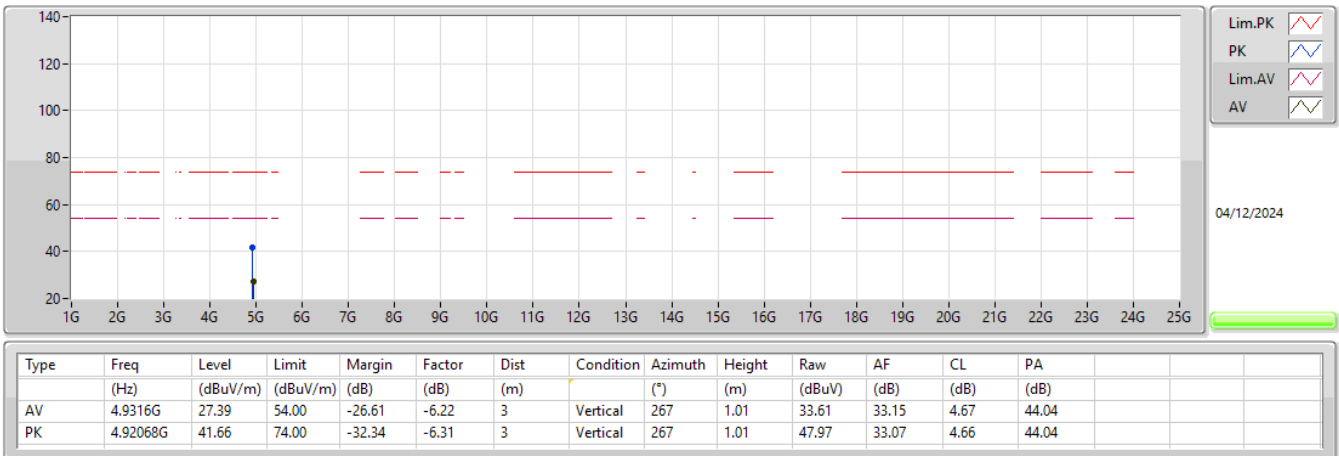
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



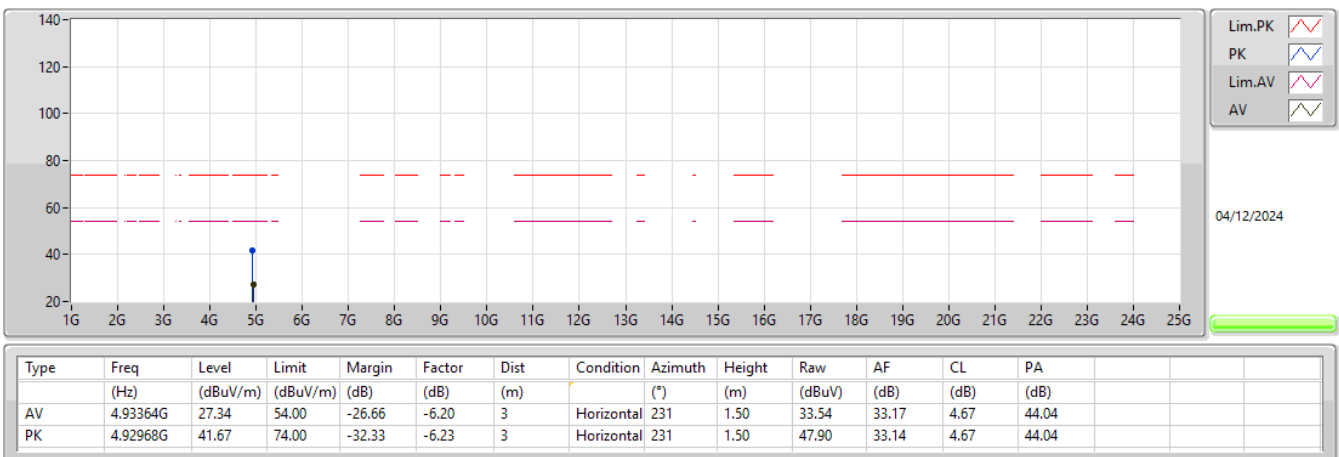
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX





Summary

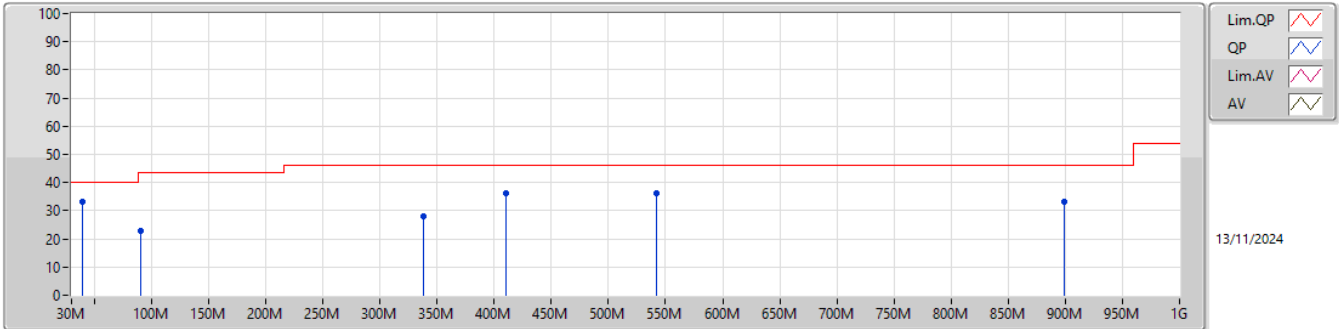
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	410.24M	40.84	46.00	-5.16	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	39.7M	33.25	40.00	-6.75	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	90.14M	22.74	43.50	-20.76	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	338.46M	28.16	46.00	-17.84	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	410.24M	36.38	46.00	-9.62	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	542.16M	36.31	46.00	-9.69	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	899.12M	33.21	46.00	-12.79	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	30M	25.14	40.00	-14.86	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	94.02M	26.29	43.50	-17.21	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	338.46M	34.73	46.00	-11.27	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	410.24M	40.84	46.00	-5.16	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	516.94M	32.12	46.00	-13.88	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	590.66M	29.53	46.00	-16.47	3	Horizontal	0	1.00

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

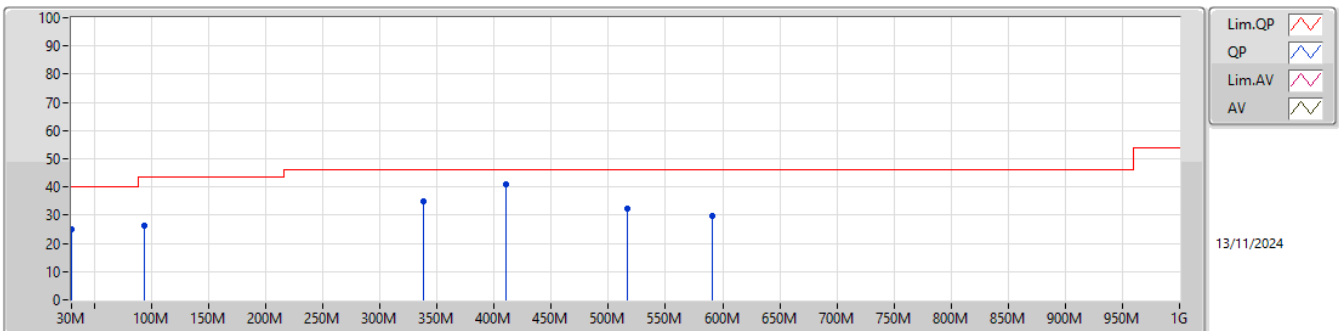
2437MHz_PoE



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	39.7M	33.25	40.00	-6.75	-8.56	3	Vertical	360	1.00	41.81	18.35	0.47	27.38
PK	90.14M	22.74	43.50	-20.76	-12.43	3	Vertical	360	1.00	35.17	14.11	0.72	27.26
PK	338.46M	28.16	46.00	-17.84	-6.72	3	Vertical	360	1.00	34.88	18.83	1.40	26.95
PK	410.24M	36.38	46.00	-9.62	-4.59	3	Vertical	360	1.00	40.97	21.35	1.54	27.48
PK	542.16M	36.31	46.00	-9.69	-2.99	3	Vertical	360	1.00	39.30	23.63	1.73	28.35
PK	899.12M	33.21	46.00	-12.79	0.00	3	Vertical	360	1.00	33.21	25.67	2.25	27.92

2.4-2.4835GHz_802.11be EHT40_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	30M	25.14	40.00	-14.86	-3.60	3	Horizontal	0	1.00	28.74	23.36	0.42	27.38
PK	94.02M	26.29	43.50	-17.21	-11.78	3	Horizontal	0	1.00	38.07	14.73	0.73	27.24
PK	338.46M	34.73	46.00	-11.27	-6.72	3	Horizontal	0	1.00	41.45	18.83	1.40	26.95
PK	410.24M	40.84	46.00	-5.16	-4.59	3	Horizontal	0	1.00	45.43	21.35	1.54	27.48
PK	516.94M	32.12	46.00	-13.88	-3.79	3	Horizontal	0	1.00	35.91	22.67	1.71	28.17
PK	590.66M	29.53	46.00	-16.47	-2.75	3	Horizontal	0	1.00	32.28	23.68	1.81	28.24

**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	2.4888G	43.64	54.00	-10.36	3	Horizontal	302	1.93
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	44.99	54.00	-9.01	3	Horizontal	305	2.26
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	47.00	54.00	-7.00	3	Horizontal	64	2.40
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.492G	48.87	54.00	-5.13	3	Horizontal	304	2.26

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	2.389G	42.27	54.00	-11.73	3	Vertical	16	2.66
2412MHz	Pass	AV	2.4108G	107.91	Inf	-Inf	3	Vertical	16	2.66
2412MHz	Pass	PK	2.3898G	55.09	74.00	-18.91	3	Vertical	16	2.66
2412MHz	Pass	PK	2.4106G	110.53	Inf	-Inf	3	Vertical	16	2.66
2412MHz	Pass	AV	2.3896G	42.25	54.00	-11.75	3	Horizontal	302	2.23
2412MHz	Pass	AV	2.4112G	109.90	Inf	-Inf	3	Horizontal	302	2.23
2412MHz	Pass	PK	2.3886G	55.74	74.00	-18.26	3	Horizontal	302	2.23
2412MHz	Pass	PK	2.4112G	112.47	Inf	-Inf	3	Horizontal	302	2.23
2412MHz	Pass	AV	4.824G	32.41	54.00	-21.59	3	Vertical	41	1.43
2412MHz	Pass	PK	4.82394G	41.31	74.00	-32.69	3	Vertical	41	1.43
2412MHz	Pass	AV	4.824G	33.81	54.00	-20.19	3	Horizontal	331	1.58
2412MHz	Pass	PK	4.8243G	41.38	74.00	-32.62	3	Horizontal	331	1.58
2437MHz	Pass	AV	2.3874G	42.24	54.00	-11.76	3	Vertical	345	2.24
2437MHz	Pass	AV	2.4378G	107.11	Inf	-Inf	3	Vertical	345	2.24
2437MHz	Pass	AV	2.4914G	42.84	54.00	-11.16	3	Vertical	345	2.24
2437MHz	Pass	PK	2.383G	55.22	74.00	-18.78	3	Vertical	345	2.24
2437MHz	Pass	PK	2.4378G	109.75	Inf	-Inf	3	Vertical	345	2.24
2437MHz	Pass	PK	2.4922G	55.53	74.00	-18.47	3	Vertical	345	2.24
2437MHz	Pass	AV	2.3866G	42.27	54.00	-11.73	3	Horizontal	292	1.70
2437MHz	Pass	AV	2.4354G	109.60	Inf	-Inf	3	Horizontal	292	1.70
2437MHz	Pass	AV	2.4994G	42.87	54.00	-11.13	3	Horizontal	292	1.70
2437MHz	Pass	PK	2.3818G	54.97	74.00	-19.03	3	Horizontal	292	1.70
2437MHz	Pass	PK	2.435G	112.04	Inf	-Inf	3	Horizontal	292	1.70
2437MHz	Pass	PK	2.4914G	57.30	74.00	-16.70	3	Horizontal	292	1.70
2437MHz	Pass	AV	4.874G	28.73	54.00	-25.27	3	Vertical	0	1.31
2437MHz	Pass	PK	4.8737G	40.73	74.00	-33.27	3	Vertical	0	1.31
2437MHz	Pass	AV	4.874G	28.88	54.00	-25.12	3	Horizontal	55	2.95
2437MHz	Pass	PK	4.88072G	40.12	74.00	-33.88	3	Horizontal	55	2.95
2462MHz	Pass	AV	2.4628G	106.60	Inf	-Inf	3	Vertical	351	1.09
2462MHz	Pass	AV	2.4835G	43.00	54.00	-11.00	3	Vertical	351	1.09
2462MHz	Pass	PK	2.463G	109.02	Inf	-Inf	3	Vertical	351	1.09
2462MHz	Pass	PK	2.4858G	56.24	74.00	-17.76	3	Vertical	351	1.09
2462MHz	Pass	AV	2.4628G	110.60	Inf	-Inf	3	Horizontal	302	1.93
2462MHz	Pass	AV	2.4888G	43.64	54.00	-10.36	3	Horizontal	302	1.93
2462MHz	Pass	PK	2.463G	113.00	Inf	-Inf	3	Horizontal	302	1.93
2462MHz	Pass	PK	2.498G	56.49	74.00	-17.51	3	Horizontal	302	1.93
2462MHz	Pass	AV	4.91302G	25.91	54.00	-28.09	3	Vertical	190	2.16
2462MHz	Pass	PK	4.92688G	39.94	74.00	-34.06	3	Vertical	190	2.16
2462MHz	Pass	AV	4.91344G	25.93	54.00	-28.07	3	Horizontal	313	2.24
2462MHz	Pass	PK	4.92592G	40.95	74.00	-33.05	3	Horizontal	313	2.24
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	42.36	54.00	-11.64	3	Vertical	20	2.67
2412MHz	Pass	AV	2.4112G	103.83	Inf	-Inf	3	Vertical	20	2.67
2412MHz	Pass	PK	2.366G	56.09	74.00	-17.91	3	Vertical	20	2.67
2412MHz	Pass	PK	2.411G	113.69	Inf	-Inf	3	Vertical	20	2.67
2412MHz	Pass	AV	2.3888G	42.29	54.00	-11.71	3	Horizontal	304	2.77
2412MHz	Pass	AV	2.411G	104.67	Inf	-Inf	3	Horizontal	304	2.77
2412MHz	Pass	PK	2.3756G	56.87	74.00	-17.13	3	Horizontal	304	2.77
2412MHz	Pass	PK	2.4108G	114.79	Inf	-Inf	3	Horizontal	304	2.77
2412MHz	Pass	AV	4.82028G	26.92	54.00	-27.08	3	Vertical	360	1.34
2412MHz	Pass	PK	4.82586G	40.25	74.00	-33.75	3	Vertical	360	1.34
2412MHz	Pass	AV	4.8207G	27.53	54.00	-26.47	3	Horizontal	336	1.75
2412MHz	Pass	PK	4.82016G	40.90	74.00	-33.10	3	Horizontal	336	1.75
2437MHz	Pass	AV	2.3898G	42.23	54.00	-11.77	3	Vertical	345	1.91
2437MHz	Pass	AV	2.4358G	101.94	Inf	-Inf	3	Vertical	345	1.91
2437MHz	Pass	AV	2.4958G	42.83	54.00	-11.17	3	Vertical	345	1.91
2437MHz	Pass	PK	2.3606G	56.38	74.00	-17.62	3	Vertical	345	1.91
2437MHz	Pass	PK	2.4354G	112.20	Inf	-Inf	3	Vertical	345	1.91
2437MHz	Pass	PK	2.4906G	56.78	74.00	-17.22	3	Vertical	345	1.91
2437MHz	Pass	AV	2.387G	42.25	54.00	-11.75	3	Horizontal	301	2.32



RSE TX above 1GHz Non-Beamforming Radio 1 O-435

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.435G	105.13	Inf	-Inf	3	Horizontal	301	2.32
2437MHz	Pass	AV	2.4842G	43.21	54.00	-10.79	3	Horizontal	301	2.32
2437MHz	Pass	PK	2.3546G	56.79	74.00	-17.21	3	Horizontal	301	2.32
2437MHz	Pass	PK	2.435G	115.29	Inf	-Inf	3	Horizontal	301	2.32
2437MHz	Pass	PK	2.491G	57.02	74.00	-16.98	3	Horizontal	301	2.32
2437MHz	Pass	AV	4.8794G	26.02	54.00	-27.98	3	Vertical	6	2.32
2437MHz	Pass	PK	4.86338G	40.01	74.00	-33.99	3	Vertical	6	2.32
2437MHz	Pass	AV	4.8803G	25.98	54.00	-28.02	3	Horizontal	319	1.50
2437MHz	Pass	PK	4.88078G	39.98	74.00	-34.02	3	Horizontal	319	1.50
2462MHz	Pass	AV	2.4626G	101.75	Inf	-Inf	3	Vertical	349	1.50
2462MHz	Pass	AV	2.4835G	43.31	54.00	-10.69	3	Vertical	349	1.50
2462MHz	Pass	PK	2.4626G	111.03	Inf	-Inf	3	Vertical	349	1.50
2462MHz	Pass	PK	2.4916G	57.17	74.00	-16.83	3	Vertical	349	1.50
2462MHz	Pass	AV	2.4626G	106.28	Inf	-Inf	3	Horizontal	305	2.26
2462MHz	Pass	AV	2.4835G	44.99	54.00	-9.01	3	Horizontal	305	2.26
2462MHz	Pass	PK	2.4628G	115.58	Inf	-Inf	3	Horizontal	305	2.26
2462MHz	Pass	PK	2.4835G	59.13	74.00	-14.87	3	Horizontal	305	2.26
2462MHz	Pass	AV	4.91338G	26.11	54.00	-27.89	3	Vertical	118	1.51
2462MHz	Pass	PK	4.9207G	39.26	74.00	-34.74	3	Vertical	118	1.51
2462MHz	Pass	AV	4.91278G	26.20	54.00	-27.80	3	Horizontal	244	1.50
2462MHz	Pass	PK	4.91116G	39.75	74.00	-34.25	3	Horizontal	244	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	42.27	54.00	-11.73	3	Vertical	352	1.94
2412MHz	Pass	AV	2.411G	101.14	Inf	-Inf	3	Vertical	352	1.94
2412MHz	Pass	PK	2.3674G	56.65	74.00	-17.35	3	Vertical	352	1.94
2412MHz	Pass	PK	2.4114G	114.52	Inf	-Inf	3	Vertical	352	1.94
2412MHz	Pass	AV	2.3884G	42.34	54.00	-11.66	3	Horizontal	333	1.37
2412MHz	Pass	AV	2.4128G	101.89	Inf	-Inf	3	Horizontal	333	1.37
2412MHz	Pass	PK	2.3722G	56.79	74.00	-17.21	3	Horizontal	333	1.37
2412MHz	Pass	PK	2.4126G	114.98	Inf	-Inf	3	Horizontal	333	1.37
2412MHz	Pass	AV	4.8171G	26.38	54.00	-27.62	3	Vertical	307	1.91
2412MHz	Pass	PK	4.81392G	40.31	74.00	-33.69	3	Vertical	307	1.91
2412MHz	Pass	AV	4.81632G	26.83	54.00	-27.17	3	Horizontal	313	1.72
2412MHz	Pass	PK	4.81626G	40.98	74.00	-33.02	3	Horizontal	313	1.72
2437MHz	Pass	AV	2.3886G	42.35	54.00	-11.65	3	Vertical	23	1.82
2437MHz	Pass	AV	2.4362G	101.05	Inf	-Inf	3	Vertical	23	1.82
2437MHz	Pass	AV	2.4978G	42.96	54.00	-11.04	3	Vertical	23	1.82
2437MHz	Pass	PK	2.3586G	56.90	74.00	-17.10	3	Vertical	23	1.82
2437MHz	Pass	PK	2.4362G	113.65	Inf	-Inf	3	Vertical	23	1.82
2437MHz	Pass	PK	2.4982G	57.00	74.00	-17.00	3	Vertical	23	1.82
2437MHz	Pass	AV	2.3862G	42.31	54.00	-11.69	3	Horizontal	305	2.03
2437MHz	Pass	AV	2.4378G	106.35	Inf	-Inf	3	Horizontal	305	2.03
2437MHz	Pass	AV	2.4846G	43.24	54.00	-10.76	3	Horizontal	305	2.03
2437MHz	Pass	PK	2.3506G	56.92	74.00	-17.08	3	Horizontal	305	2.03
2437MHz	Pass	PK	2.4366G	119.24	Inf	-Inf	3	Horizontal	305	2.03
2437MHz	Pass	PK	2.4918G	57.08	74.00	-16.92	3	Horizontal	305	2.03
2437MHz	Pass	AV	4.87832G	25.94	54.00	-28.06	3	Vertical	9	1.45
2437MHz	Pass	PK	4.88G	39.78	74.00	-34.22	3	Vertical	9	1.45
2437MHz	Pass	AV	4.8839G	25.98	54.00	-28.02	3	Horizontal	360	1.64
2437MHz	Pass	PK	4.88318G	40.05	74.00	-33.95	3	Horizontal	360	1.64
2462MHz	Pass	AV	2.4628G	99.89	Inf	-Inf	3	Vertical	0	2.19
2462MHz	Pass	AV	2.4836G	44.69	54.00	-9.31	3	Vertical	0	2.19
2462MHz	Pass	PK	2.4628G	112.77	Inf	-Inf	3	Vertical	0	2.19
2462MHz	Pass	PK	2.4835G	59.49	74.00	-14.51	3	Vertical	0	2.19
2462MHz	Pass	AV	2.4628G	105.65	Inf	-Inf	3	Horizontal	64	2.40
2462MHz	Pass	AV	2.4835G	47.00	54.00	-7.00	3	Horizontal	64	2.40
2462MHz	Pass	PK	2.4614G	118.01	Inf	-Inf	3	Horizontal	64	2.40
2462MHz	Pass	PK	2.4846G	62.70	74.00	-11.30	3	Horizontal	64	2.40
2462MHz	Pass	AV	4.9246G	26.06	54.00	-27.94	3	Vertical	179	1.50
2462MHz	Pass	PK	4.92424G	39.83	74.00	-34.17	3	Vertical	179	1.50
2462MHz	Pass	AV	4.91134G	26.20	54.00	-27.80	3	Horizontal	312	1.19
2462MHz	Pass	PK	4.92802G	40.21	74.00	-33.79	3	Horizontal	312	1.19



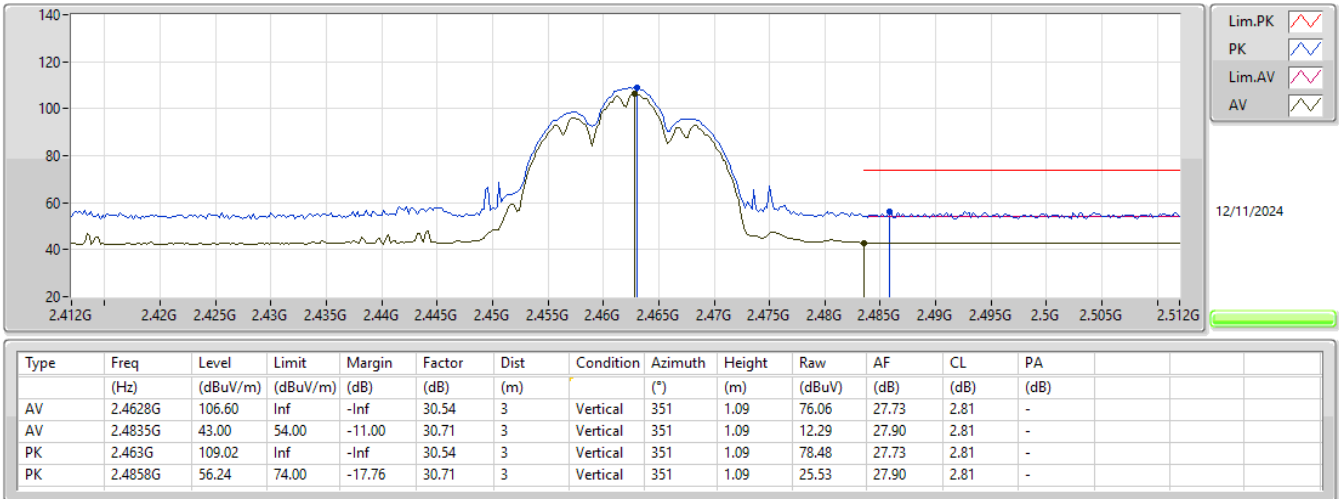
RSE TX above 1GHz Non-Beamforming Radio 1 O-435

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	42.29	54.00	-11.71	3	Vertical	360	1.68
2422MHz	Pass	AV	2.4208G	97.72	Inf	-Inf	3	Vertical	360	1.68
2422MHz	Pass	AV	2.4908G	42.89	54.00	-11.11	3	Vertical	360	1.68
2422MHz	Pass	PK	2.3696G	56.12	74.00	-17.88	3	Vertical	360	1.68
2422MHz	Pass	PK	2.4188G	110.57	Inf	-Inf	3	Vertical	360	1.68
2422MHz	Pass	PK	2.4844G	56.28	74.00	-17.72	3	Vertical	360	1.68
2422MHz	Pass	AV	2.39G	42.13	54.00	-11.87	3	Horizontal	299	2.16
2422MHz	Pass	AV	2.4228G	103.21	Inf	-Inf	3	Horizontal	299	2.16
2422MHz	Pass	AV	2.4835G	43.15	54.00	-10.85	3	Horizontal	299	2.16
2422MHz	Pass	PK	2.364G	55.37	74.00	-18.63	3	Horizontal	299	2.16
2422MHz	Pass	PK	2.4244G	115.31	Inf	-Inf	3	Horizontal	299	2.16
2422MHz	Pass	PK	2.4848G	56.92	74.00	-17.08	3	Horizontal	299	2.16
2422MHz	Pass	AV	4.84748G	25.79	54.00	-28.21	3	Vertical	360	1.04
2422MHz	Pass	PK	4.86692G	39.80	74.00	-34.20	3	Vertical	360	1.04
2422MHz	Pass	AV	4.85048G	25.65	54.00	-28.35	3	Horizontal	237	1.50
2422MHz	Pass	PK	4.84832G	39.31	74.00	-34.69	3	Horizontal	237	1.50
2437MHz	Pass	AV	2.3858G	42.20	54.00	-11.80	3	Vertical	27	1.66
2437MHz	Pass	AV	2.4362G	98.65	Inf	-Inf	3	Vertical	27	1.66
2437MHz	Pass	AV	2.4835G	43.72	54.00	-10.28	3	Vertical	27	1.66
2437MHz	Pass	PK	2.3842G	56.47	74.00	-17.53	3	Vertical	27	1.66
2437MHz	Pass	PK	2.4382G	111.99	Inf	-Inf	3	Vertical	27	1.66
2437MHz	Pass	PK	2.4835G	58.28	74.00	-15.72	3	Vertical	27	1.66
2437MHz	Pass	AV	2.385G	42.23	54.00	-11.77	3	Horizontal	301	1.96
2437MHz	Pass	AV	2.4358G	104.21	Inf	-Inf	3	Horizontal	301	1.96
2437MHz	Pass	AV	2.4835G	45.28	54.00	-8.72	3	Horizontal	301	1.96
2437MHz	Pass	PK	2.353G	57.06	74.00	-16.94	3	Horizontal	301	1.96
2437MHz	Pass	PK	2.4378G	117.06	Inf	-Inf	3	Horizontal	301	1.96
2437MHz	Pass	PK	2.4854G	58.62	74.00	-15.38	3	Horizontal	301	1.96
2437MHz	Pass	AV	4.87928G	25.77	54.00	-28.23	3	Vertical	1	1.50
2437MHz	Pass	PK	4.86152G	39.51	74.00	-34.49	3	Vertical	1	1.50
2437MHz	Pass	AV	4.88036G	25.83	54.00	-28.17	3	Horizontal	114	2.47
2437MHz	Pass	PK	4.87376G	39.21	74.00	-34.79	3	Horizontal	114	2.47
2452MHz	Pass	AV	2.39G	42.26	54.00	-11.74	3	Vertical	345	1.84
2452MHz	Pass	AV	2.4532G	99.72	Inf	-Inf	3	Vertical	345	1.84
2452MHz	Pass	AV	2.4932G	45.52	54.00	-8.48	3	Vertical	345	1.84
2452MHz	Pass	PK	2.3896G	55.94	74.00	-18.06	3	Vertical	345	1.84
2452MHz	Pass	PK	2.454G	113.24	Inf	-Inf	3	Vertical	345	1.84
2452MHz	Pass	PK	2.488G	62.09	74.00	-11.91	3	Vertical	345	1.84
2452MHz	Pass	AV	2.3896G	42.38	54.00	-11.62	3	Horizontal	304	2.26
2452MHz	Pass	AV	2.4528G	104.11	Inf	-Inf	3	Horizontal	304	2.26
2452MHz	Pass	AV	2.492G	48.87	54.00	-5.13	3	Horizontal	304	2.26
2452MHz	Pass	PK	2.3632G	56.20	74.00	-17.80	3	Horizontal	304	2.26
2452MHz	Pass	PK	2.4528G	116.81	Inf	-Inf	3	Horizontal	304	2.26
2452MHz	Pass	PK	2.488G	65.47	74.00	-8.53	3	Horizontal	304	2.26
2452MHz	Pass	AV	4.9274G	25.95	54.00	-28.05	3	Vertical	283	2.64
2452MHz	Pass	PK	4.9058G	40.10	74.00	-33.90	3	Vertical	283	2.64
2452MHz	Pass	AV	4.92728G	25.91	54.00	-28.09	3	Horizontal	360	1.50
2452MHz	Pass	PK	4.88336G	39.70	74.00	-34.30	3	Horizontal	360	1.50

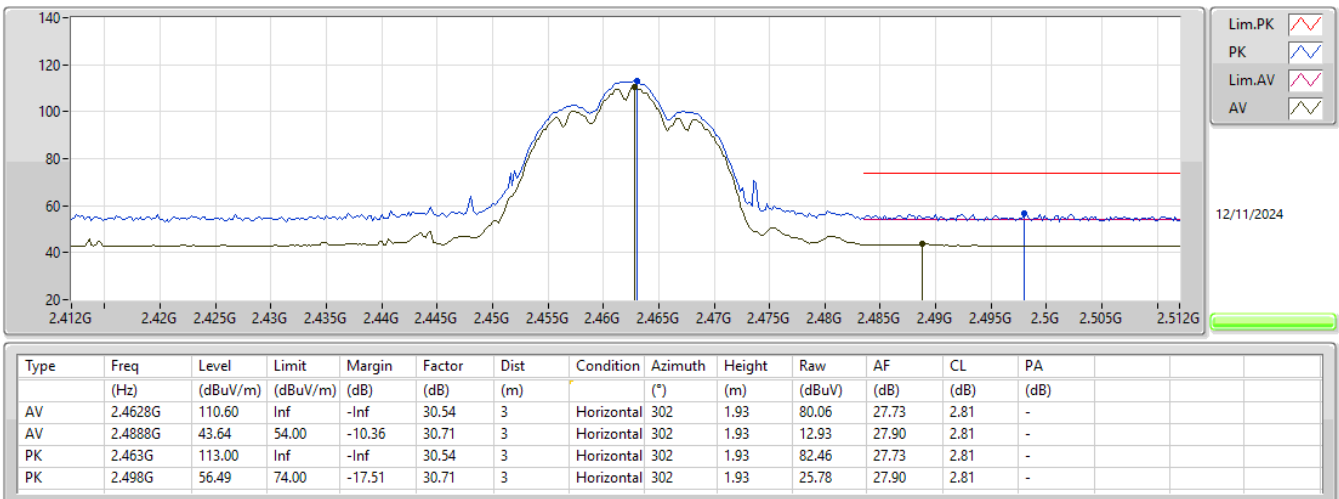
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2462MHz_TX



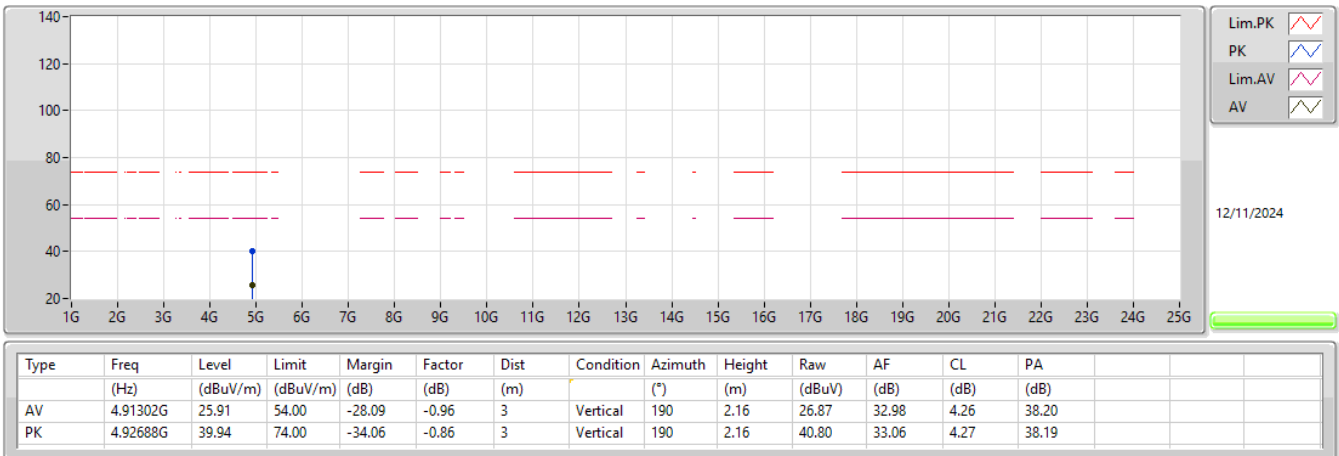
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2462MHz_TX



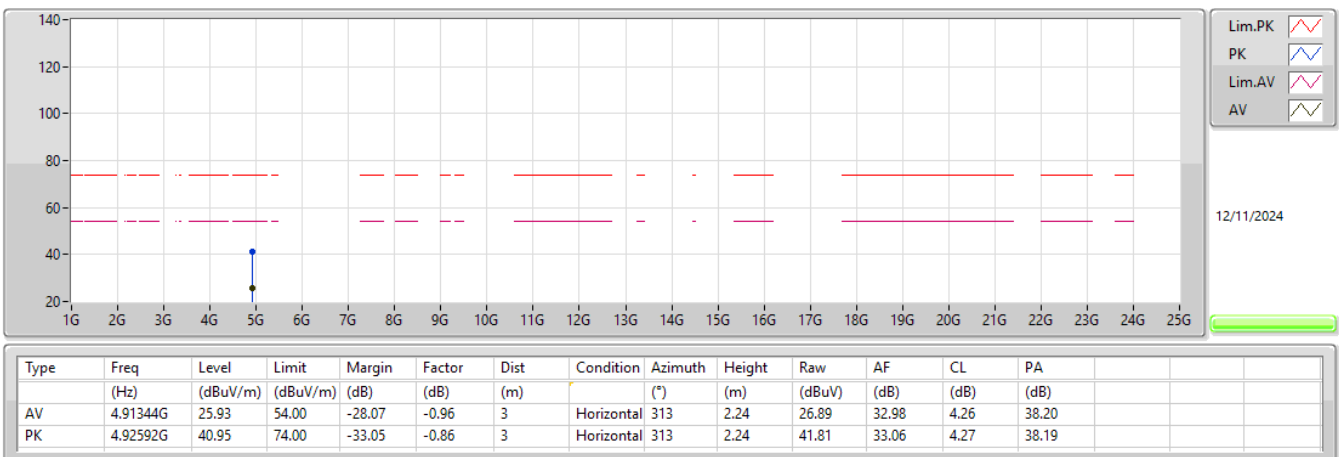
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2462MHz_TX



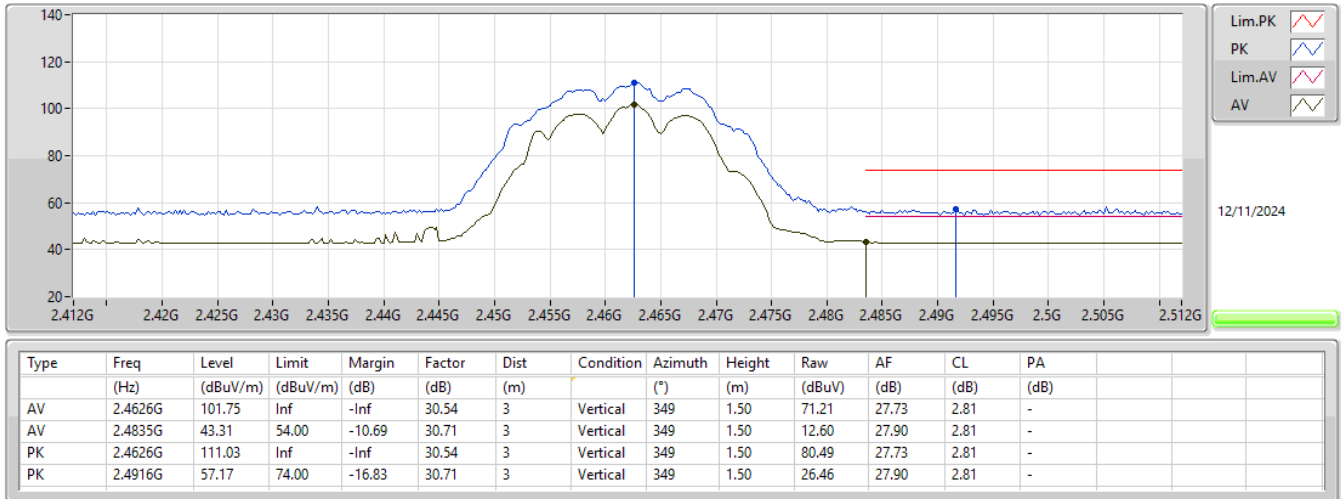
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2462MHz_TX



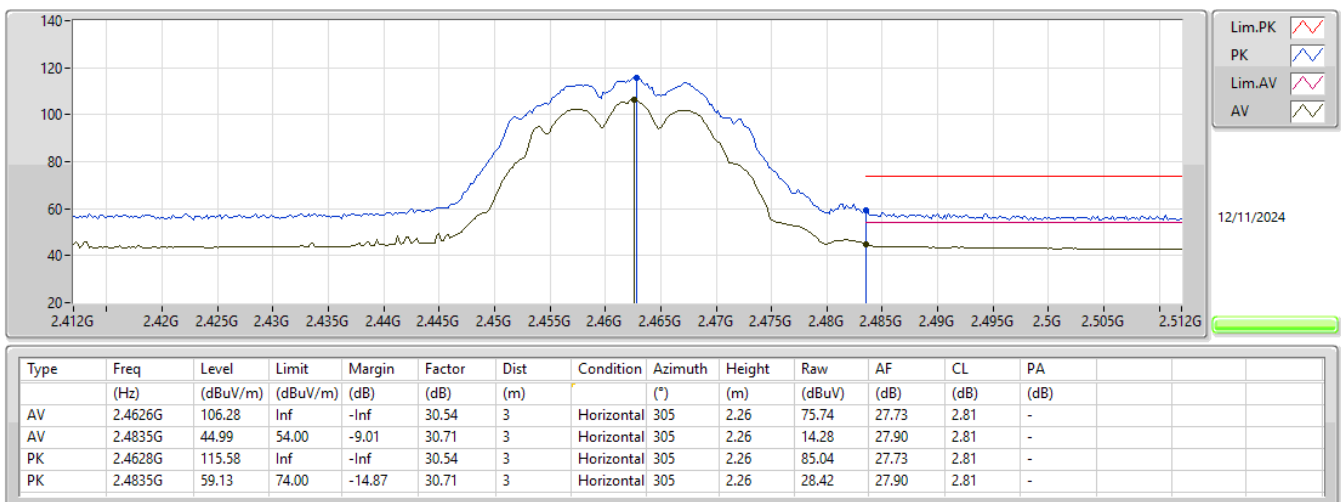
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



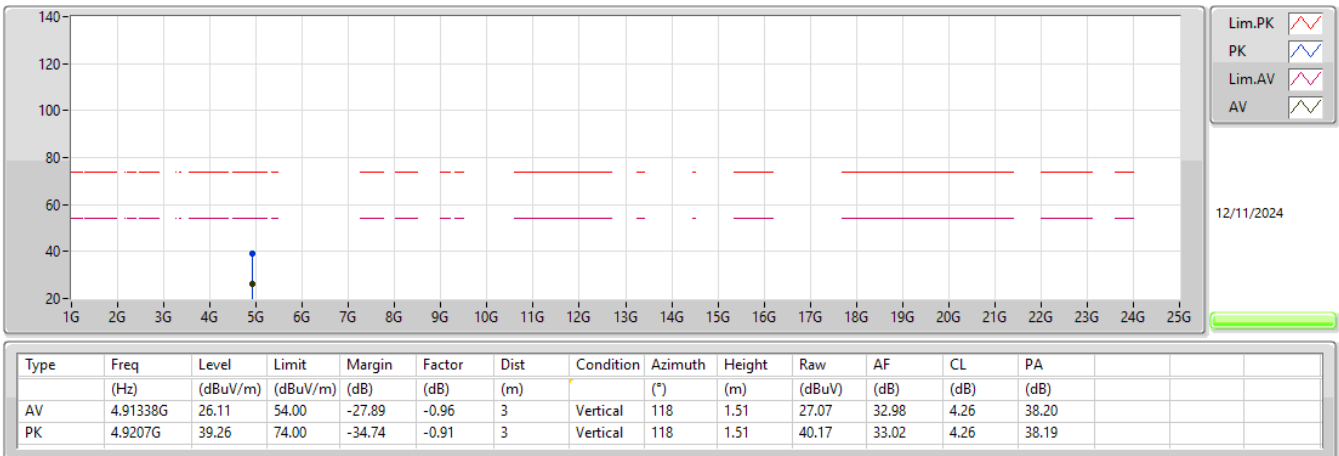
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



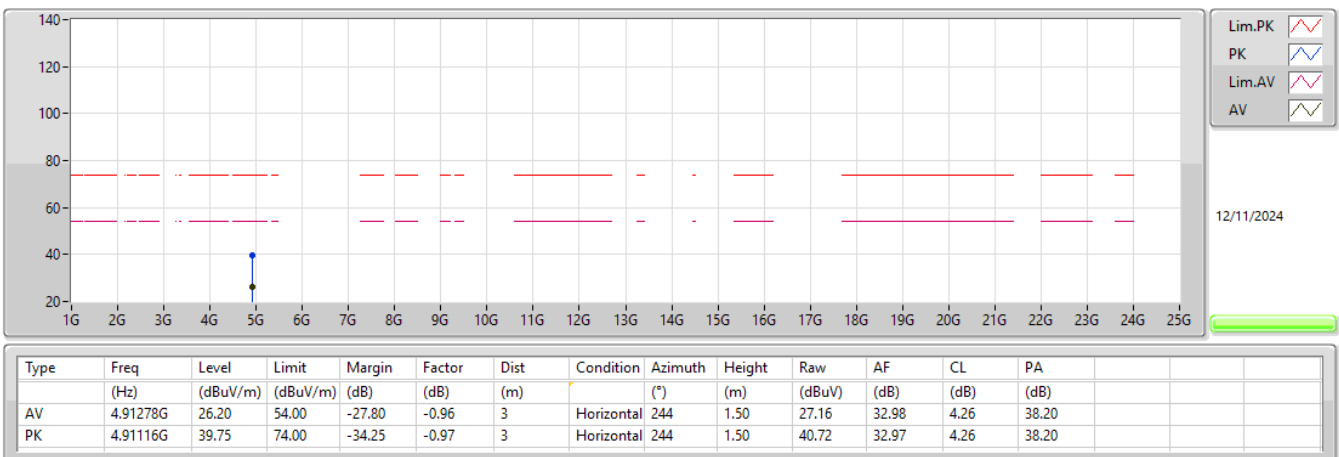
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



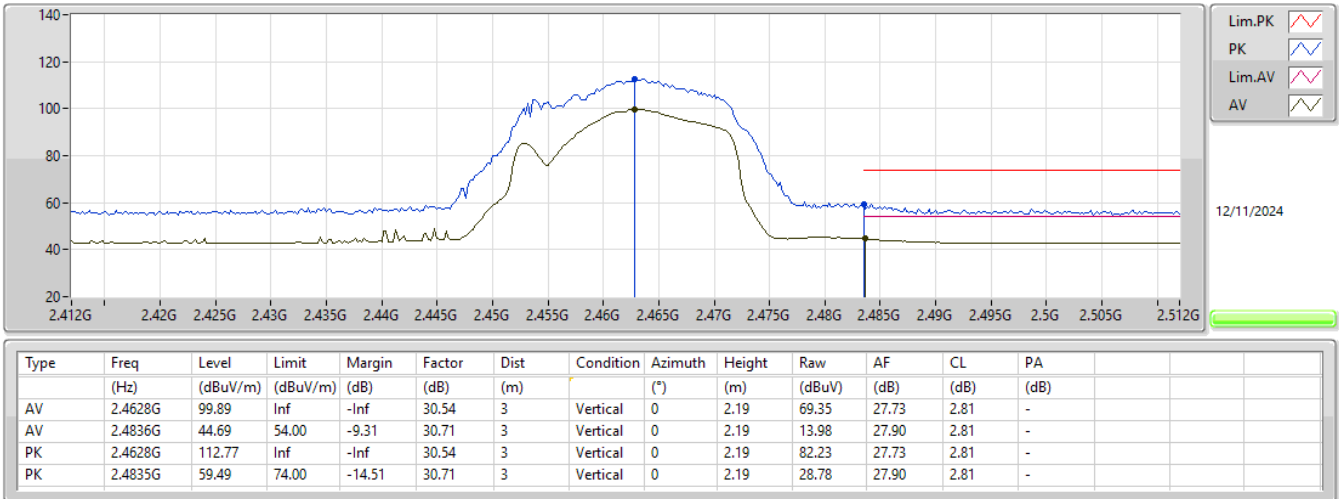
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2462MHz_TX



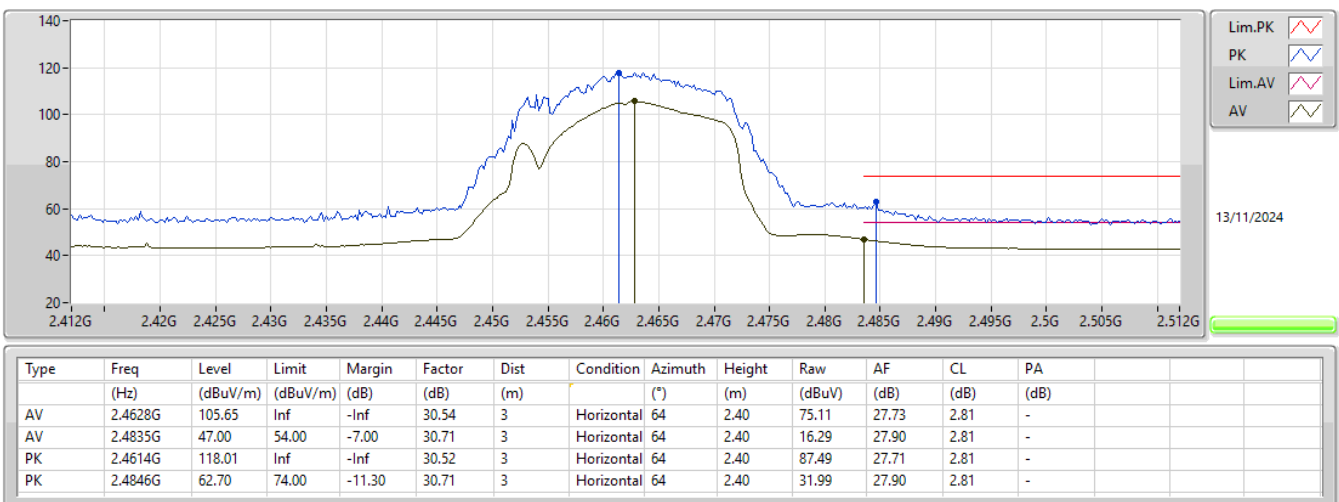
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



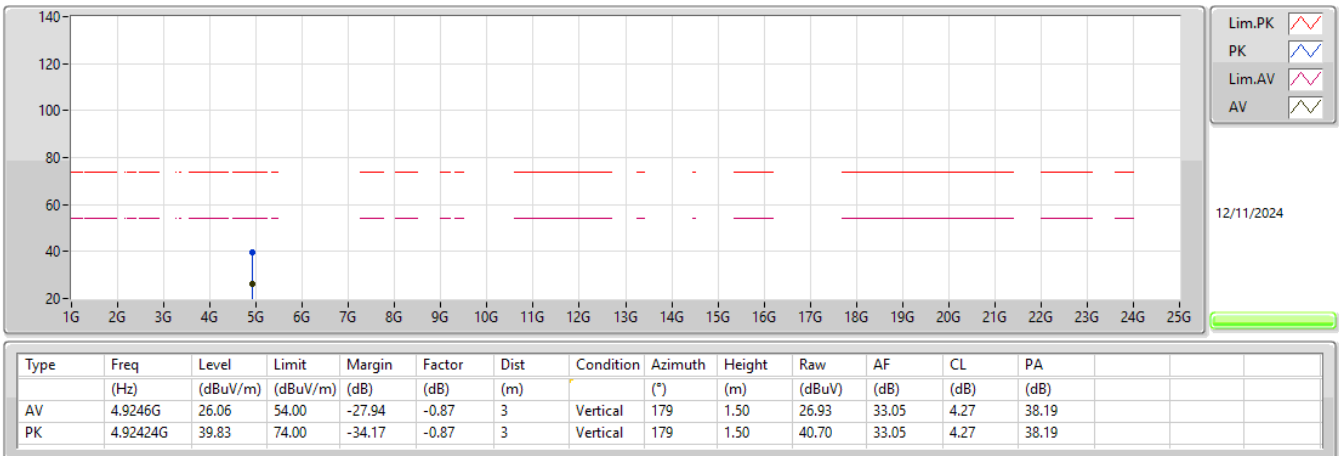
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2462MHz_TX



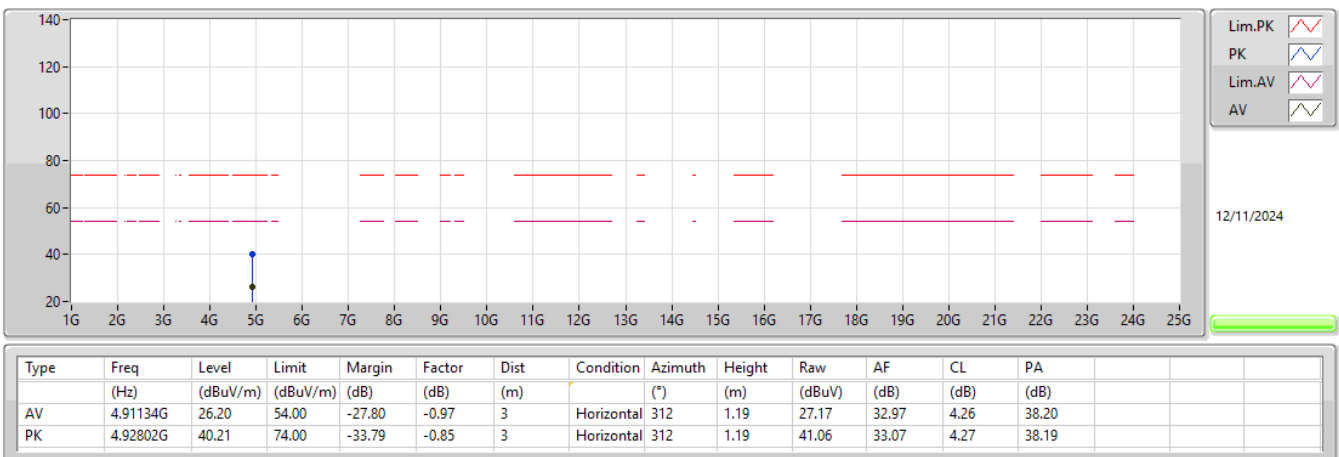
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2462MHz_TX



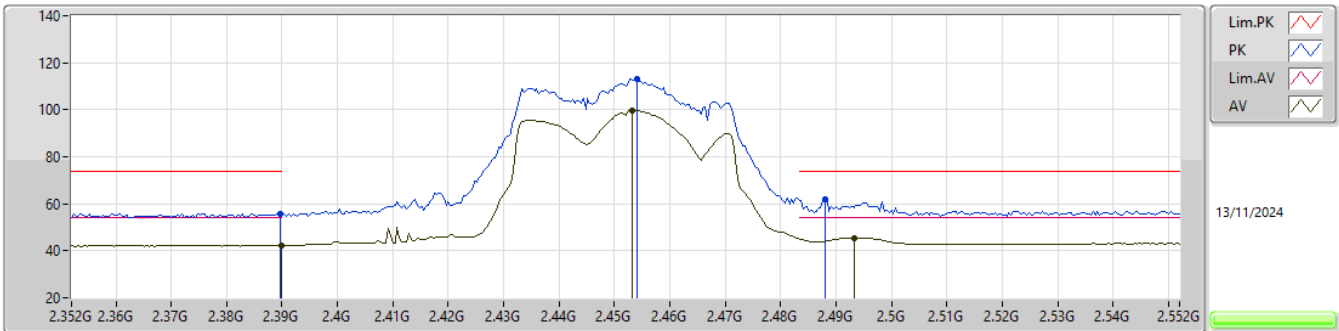
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

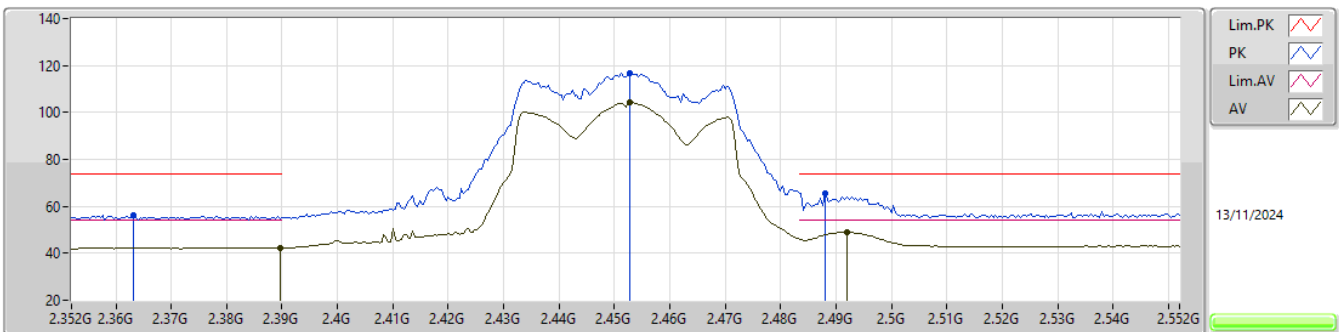
2452MHz_TX



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	2.39G	42.26	54.00	-11.74	30.30	3	Vertical	345	1.84	11.96	27.50	2.80	-
AV	2.4532G	99.72	Inf	-Inf	30.51	3	Vertical	345	1.84	69.21	27.70	2.81	-
AV	2.4932G	45.52	54.00	-8.48	30.71	3	Vertical	345	1.84	14.81	27.90	2.81	-
PK	2.3896G	55.94	74.00	-18.06	30.30	3	Vertical	345	1.84	25.64	27.50	2.80	-
PK	2.454G	113.24	Inf	-Inf	30.51	3	Vertical	345	1.84	82.73	27.70	2.81	-
PK	2.488G	62.09	74.00	-11.91	30.71	3	Vertical	345	1.84	31.38	27.90	2.81	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

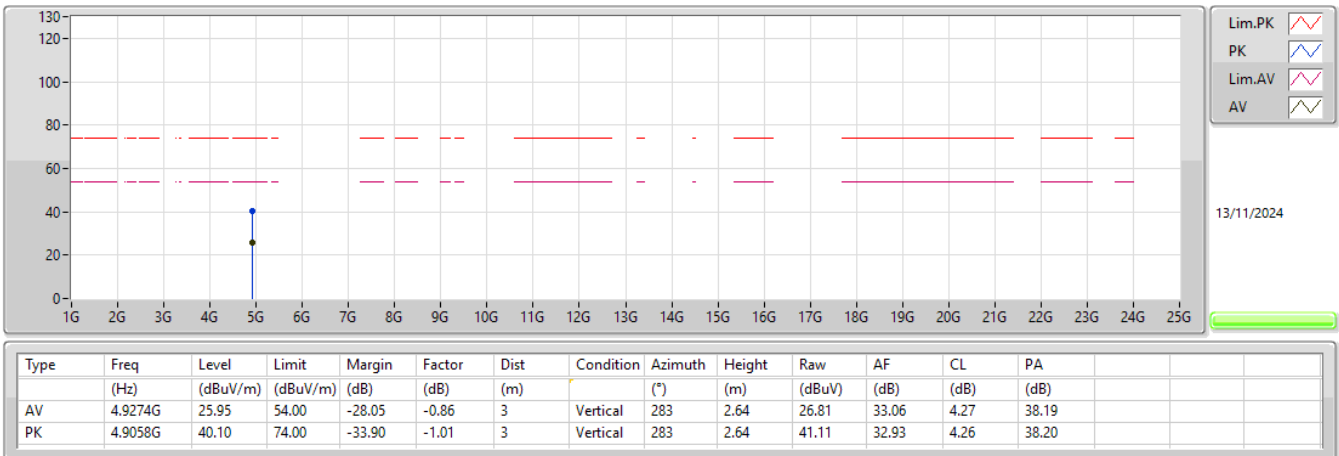
2452MHz_TX



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	2.3896G	42.38	54.00	-11.62	30.30	3	Horizontal	304	2.26	12.08	27.50	2.80	-
AV	2.4528G	104.11	Inf	-Inf	30.51	3	Horizontal	304	2.26	73.60	27.70	2.81	-
AV	2.492G	48.87	54.00	-5.13	30.71	3	Horizontal	304	2.26	18.16	27.90	2.81	-
PK	2.3632G	56.20	74.00	-17.80	30.19	3	Horizontal	304	2.26	26.01	27.40	2.79	-
PK	2.4528G	116.81	Inf	-Inf	30.51	3	Horizontal	304	2.26	86.30	27.70	2.81	-
PK	2.488G	65.47	74.00	-8.53	30.71	3	Horizontal	304	2.26	34.76	27.90	2.81	-

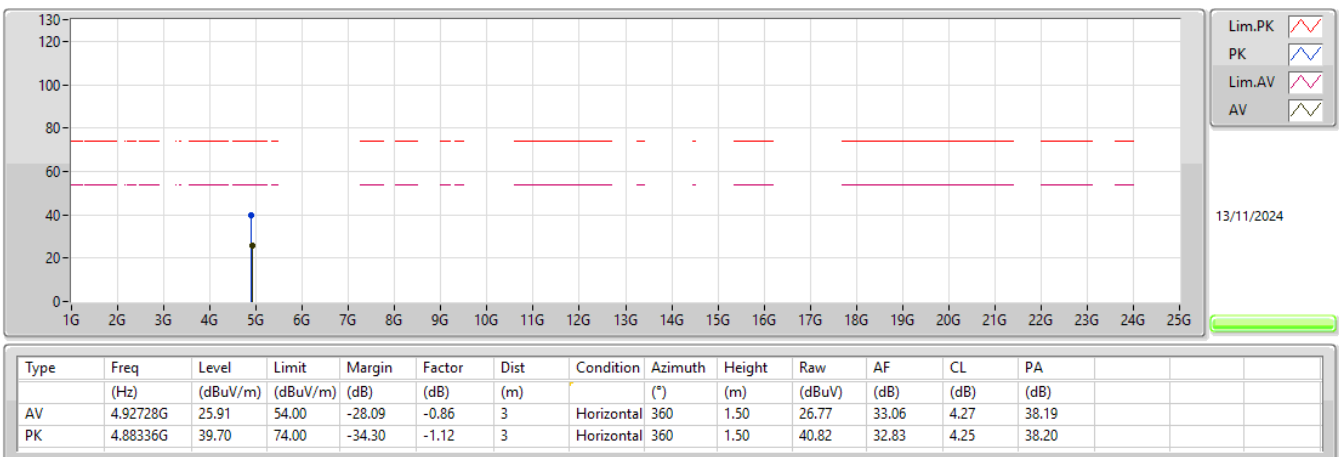
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX





Summary

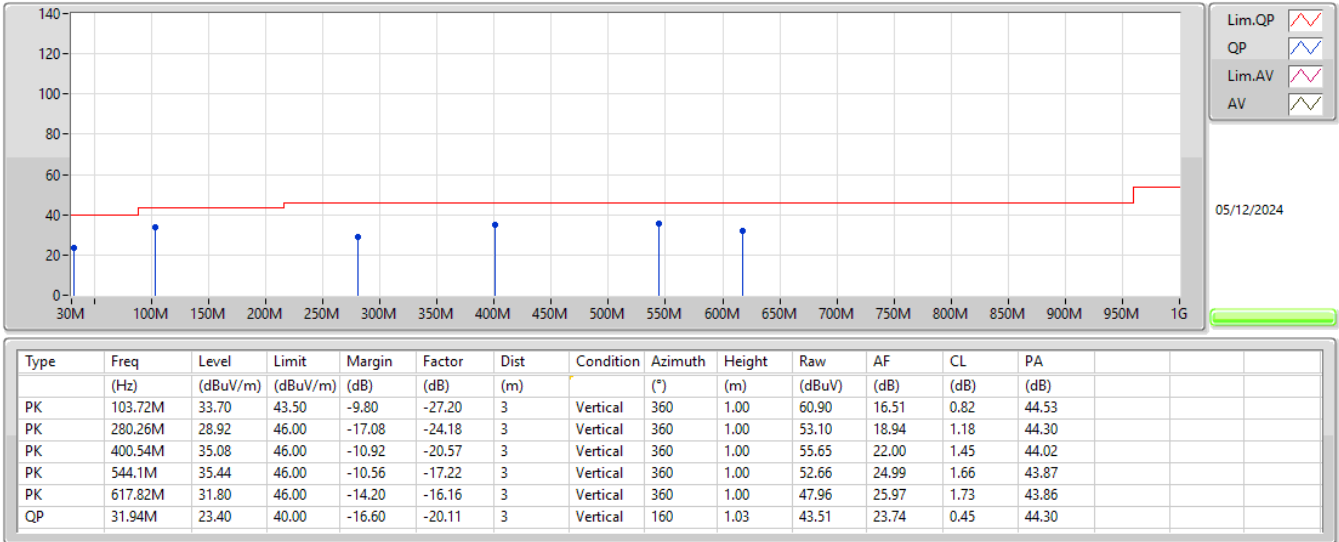
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	31.94M	36.82	40.00	-3.18	3	Horizontal	0	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	103.72M	33.70	43.50	-9.80	3	Vertical	360	1.00
2437MHz	Pass	PK	280.26M	28.92	46.00	-17.08	3	Vertical	360	1.00
2437MHz	Pass	PK	400.54M	35.08	46.00	-10.92	3	Vertical	360	1.00
2437MHz	Pass	PK	544.1M	35.44	46.00	-10.56	3	Vertical	360	1.00
2437MHz	Pass	PK	617.82M	31.80	46.00	-14.20	3	Vertical	360	1.00
2437MHz	Pass	QP	31.94M	23.40	40.00	-16.60	3	Vertical	160	1.03
2437MHz	Pass	PK	31.94M	36.82	40.00	-3.18	3	Horizontal	0	1.00
2437MHz	Pass	PK	103.72M	32.18	43.50	-11.32	3	Horizontal	0	1.00
2437MHz	Pass	PK	280.26M	28.77	46.00	-17.23	3	Horizontal	0	1.00
2437MHz	Pass	PK	400.54M	34.70	46.00	-11.30	3	Horizontal	0	1.00
2437MHz	Pass	PK	563.5M	34.63	46.00	-11.37	3	Horizontal	0	1.00
2437MHz	Pass	PK	617.82M	31.64	46.00	-14.36	3	Horizontal	0	1.00

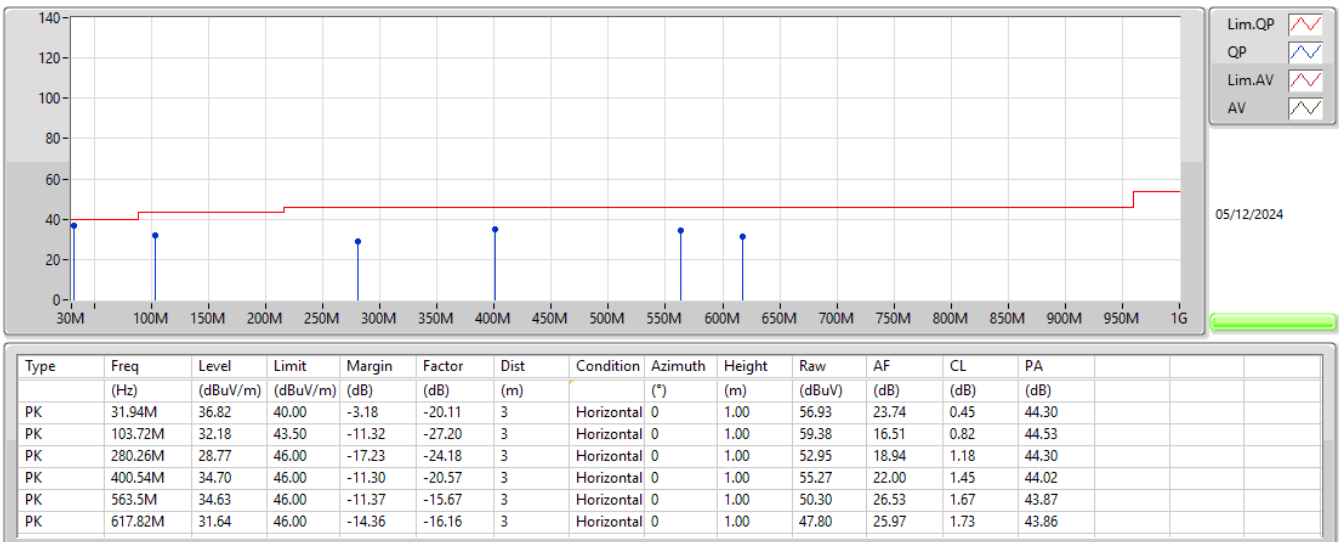
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX



**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	2.49716G	45.62	54.00	-8.38	3	Vertical	7	2.24
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	46.52	54.00	-7.48	3	Horizontal	0	2.66
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	48.42	54.00	-5.58	3	Horizontal	0	2.65
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	51.41	54.00	-2.59	3	Horizontal	0	2.68

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	2.3628G	42.83	54.00	-11.17	3	Vertical	360	2.22
2412MHz	Pass	AV	2.4128G	107.66	Inf	-Inf	3	Vertical	360	2.22
2412MHz	Pass	PK	2.3752G	57.55	74.00	-16.45	3	Vertical	360	2.22
2412MHz	Pass	PK	2.4128G	110.24	Inf	-Inf	3	Vertical	360	2.22
2412MHz	Pass	AV	2.3884G	42.90	54.00	-11.10	3	Horizontal	358	2.78
2412MHz	Pass	AV	2.4138G	106.81	Inf	-Inf	3	Horizontal	358	2.78
2412MHz	Pass	PK	2.3648G	56.86	74.00	-17.14	3	Horizontal	358	2.78
2412MHz	Pass	PK	2.4134G	109.41	Inf	-Inf	3	Horizontal	358	2.78
2412MHz	Pass	AV	4.82418G	28.10	54.00	-25.90	3	Vertical	329	1.64
2412MHz	Pass	PK	4.82646G	40.94	74.00	-33.06	3	Vertical	329	1.64
2412MHz	Pass	AV	4.82406G	27.68	54.00	-26.32	3	Horizontal	33	1.24
2412MHz	Pass	PK	4.81992G	41.09	74.00	-32.91	3	Horizontal	33	1.24
2437MHz	Pass	AV	2.3618G	42.88	54.00	-11.12	3	Vertical	7	2.24
2437MHz	Pass	AV	2.43764G	107.94	Inf	-Inf	3	Vertical	7	2.24
2437MHz	Pass	AV	2.49716G	45.62	54.00	-8.38	3	Vertical	7	2.24
2437MHz	Pass	PK	2.38964G	56.71	74.00	-17.29	3	Vertical	7	2.24
2437MHz	Pass	PK	2.43796G	110.51	Inf	-Inf	3	Vertical	7	2.24
2437MHz	Pass	PK	2.4866G	59.33	74.00	-14.67	3	Vertical	7	2.24
2437MHz	Pass	AV	2.3618G	42.85	54.00	-11.15	3	Horizontal	5	1.40
2437MHz	Pass	AV	2.43508G	106.29	Inf	-Inf	3	Horizontal	5	1.40
2437MHz	Pass	AV	2.48532G	44.99	54.00	-9.01	3	Horizontal	5	1.40
2437MHz	Pass	PK	2.38036G	56.66	74.00	-17.34	3	Horizontal	5	1.40
2437MHz	Pass	PK	2.4354G	108.85	Inf	-Inf	3	Horizontal	5	1.40
2437MHz	Pass	PK	2.485G	58.66	74.00	-15.34	3	Horizontal	5	1.40
2437MHz	Pass	AV	4.87406G	27.35	54.00	-26.65	3	Vertical	10	1.24
2437MHz	Pass	PK	4.87592G	40.95	74.00	-33.05	3	Vertical	10	1.24
2437MHz	Pass	AV	4.88774G	27.21	54.00	-26.79	3	Horizontal	360	1.50
2437MHz	Pass	PK	4.88834G	41.40	74.00	-32.60	3	Horizontal	360	1.50
2462MHz	Pass	AV	2.4628G	107.85	Inf	-Inf	3	Vertical	7	2.40
2462MHz	Pass	AV	2.4982G	45.48	54.00	-8.52	3	Vertical	7	2.40
2462MHz	Pass	PK	2.4628G	110.45	Inf	-Inf	3	Vertical	7	2.40
2462MHz	Pass	PK	2.498G	58.81	74.00	-15.19	3	Vertical	7	2.40
2462MHz	Pass	AV	2.4628G	107.25	Inf	-Inf	3	Horizontal	0	2.65
2462MHz	Pass	AV	2.4848G	45.22	54.00	-8.78	3	Horizontal	0	2.65
2462MHz	Pass	PK	2.4628G	109.88	Inf	-Inf	3	Horizontal	0	2.65
2462MHz	Pass	PK	2.4896G	59.32	74.00	-14.68	3	Horizontal	0	2.65
2462MHz	Pass	AV	4.92412G	28.01	54.00	-25.99	3	Vertical	35	1.49
2462MHz	Pass	PK	4.93648G	41.51	74.00	-32.49	3	Vertical	35	1.49
2462MHz	Pass	AV	4.92172G	27.41	54.00	-26.59	3	Horizontal	223	1.50
2462MHz	Pass	PK	4.92886G	41.63	74.00	-32.37	3	Horizontal	223	1.50
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3686G	42.87	54.00	-11.13	3	Vertical	5	2.34
2412MHz	Pass	AV	2.407G	100.42	Inf	-Inf	3	Vertical	5	2.34
2412MHz	Pass	PK	2.3624G	57.45	74.00	-16.55	3	Vertical	5	2.34
2412MHz	Pass	PK	2.417G	111.79	Inf	-Inf	3	Vertical	5	2.34
2412MHz	Pass	AV	2.3862G	42.88	54.00	-11.12	3	Horizontal	6	2.77
2412MHz	Pass	AV	2.4154G	100.26	Inf	-Inf	3	Horizontal	6	2.77
2412MHz	Pass	PK	2.3652G	56.91	74.00	-17.09	3	Horizontal	6	2.77
2412MHz	Pass	PK	2.4152G	110.64	Inf	-Inf	3	Horizontal	6	2.77
2412MHz	Pass	AV	4.82574G	26.90	54.00	-27.10	3	Vertical	24	1.50
2412MHz	Pass	PK	4.83606G	41.01	74.00	-32.99	3	Vertical	24	1.50
2412MHz	Pass	AV	4.8279G	26.76	54.00	-27.24	3	Horizontal	97	1.50
2412MHz	Pass	PK	4.83042G	40.52	74.00	-33.48	3	Horizontal	97	1.50
2437MHz	Pass	AV	2.35796G	42.87	54.00	-11.13	3	Vertical	9	2.20
2437MHz	Pass	AV	2.44212G	100.35	Inf	-Inf	3	Vertical	9	2.20
2437MHz	Pass	AV	2.49236G	45.20	54.00	-8.80	3	Vertical	9	2.20
2437MHz	Pass	PK	2.36532G	57.77	74.00	-16.23	3	Vertical	9	2.20
2437MHz	Pass	PK	2.44116G	112.37	Inf	-Inf	3	Vertical	9	2.20
2437MHz	Pass	PK	2.49108G	58.98	74.00	-15.02	3	Vertical	9	2.20
2437MHz	Pass	AV	2.38772G	42.90	54.00	-11.10	3	Horizontal	5	1.43



RSE TX above 1GHz Non-Beamforming Radio 0 O-435E

Appendix F.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.43444G	99.99	Inf	-Inf	3	Horizontal	5	1.43
2437MHz	Pass	AV	2.48372G	45.01	54.00	-8.99	3	Horizontal	5	1.43
2437MHz	Pass	PK	2.36532G	57.02	74.00	-16.98	3	Horizontal	5	1.43
2437MHz	Pass	PK	2.43444G	109.98	Inf	-Inf	3	Horizontal	5	1.43
2437MHz	Pass	PK	2.493G	58.89	74.00	-15.11	3	Horizontal	5	1.43
2437MHz	Pass	AV	4.88696G	27.19	54.00	-26.81	3	Vertical	17	1.50
2437MHz	Pass	PK	4.88828G	41.47	74.00	-32.53	3	Vertical	17	1.50
2437MHz	Pass	AV	4.88888G	27.17	54.00	-26.83	3	Horizontal	76	1.50
2437MHz	Pass	PK	4.88456G	41.60	74.00	-32.40	3	Horizontal	76	1.50
2462MHz	Pass	AV	2.4666G	100.15	Inf	-Inf	3	Vertical	8	2.42
2462MHz	Pass	AV	2.4835G	45.88	54.00	-8.12	3	Vertical	8	2.42
2462MHz	Pass	PK	2.4662G	113.19	Inf	-Inf	3	Vertical	8	2.42
2462MHz	Pass	PK	2.4835G	59.37	74.00	-14.63	3	Vertical	8	2.42
2462MHz	Pass	AV	2.4658G	99.95	Inf	-Inf	3	Horizontal	0	2.66
2462MHz	Pass	AV	2.4835G	46.52	54.00	-7.48	3	Horizontal	0	2.66
2462MHz	Pass	PK	2.4678G	110.30	Inf	-Inf	3	Horizontal	0	2.66
2462MHz	Pass	PK	2.4846G	61.15	74.00	-12.85	3	Horizontal	0	2.66
2462MHz	Pass	AV	4.92076G	27.48	54.00	-26.52	3	Vertical	306	1.50
2462MHz	Pass	PK	4.9264G	41.03	74.00	-32.97	3	Vertical	306	1.50
2462MHz	Pass	AV	4.9246G	27.42	54.00	-26.58	3	Horizontal	164	2.89
2462MHz	Pass	PK	4.9213G	42.15	74.00	-31.85	3	Horizontal	164	2.89
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3886G	42.89	54.00	-11.11	3	Vertical	6	2.33
2412MHz	Pass	AV	2.4102G	99.95	Inf	-Inf	3	Vertical	6	2.33
2412MHz	Pass	PK	2.3892G	57.29	74.00	-16.71	3	Vertical	6	2.33
2412MHz	Pass	PK	2.4078G	113.83	Inf	-Inf	3	Vertical	6	2.33
2412MHz	Pass	AV	2.3866G	42.92	54.00	-11.08	3	Horizontal	0	1.15
2412MHz	Pass	AV	2.4198G	99.23	Inf	-Inf	3	Horizontal	0	1.15
2412MHz	Pass	PK	2.375G	57.46	74.00	-16.54	3	Horizontal	0	1.15
2412MHz	Pass	PK	2.4192G	113.25	Inf	-Inf	3	Horizontal	0	1.15
2412MHz	Pass	AV	4.83648G	26.80	54.00	-27.20	3	Vertical	356	1.50
2412MHz	Pass	PK	4.81698G	40.48	74.00	-33.52	3	Vertical	356	1.50
2412MHz	Pass	AV	4.82676G	26.76	54.00	-27.24	3	Horizontal	142	1.50
2412MHz	Pass	PK	4.8129G	41.00	74.00	-33.00	3	Horizontal	142	1.50
2437MHz	Pass	AV	2.38676G	42.91	54.00	-11.09	3	Vertical	5	2.24
2437MHz	Pass	AV	2.43476G	99.68	Inf	-Inf	3	Vertical	5	2.24
2437MHz	Pass	AV	2.4835G	45.25	54.00	-8.75	3	Vertical	5	2.24
2437MHz	Pass	PK	2.38612G	57.01	74.00	-16.99	3	Vertical	5	2.24
2437MHz	Pass	PK	2.43316G	112.95	Inf	-Inf	3	Vertical	5	2.24
2437MHz	Pass	PK	2.48724G	59.51	74.00	-14.49	3	Vertical	5	2.24
2437MHz	Pass	AV	2.3698G	42.87	54.00	-11.13	3	Horizontal	4	1.92
2437MHz	Pass	AV	2.42804G	99.48	Inf	-Inf	3	Horizontal	4	1.92
2437MHz	Pass	AV	2.4835G	44.82	54.00	-9.18	3	Horizontal	4	1.92
2437MHz	Pass	PK	2.36756G	56.70	74.00	-17.30	3	Horizontal	4	1.92
2437MHz	Pass	PK	2.42772G	112.55	Inf	-Inf	3	Horizontal	4	1.92
2437MHz	Pass	PK	2.49204G	58.45	74.00	-15.55	3	Horizontal	4	1.92
2437MHz	Pass	AV	4.88756G	27.20	54.00	-26.80	3	Vertical	54	2.73
2437MHz	Pass	PK	4.87184G	41.22	74.00	-32.78	3	Vertical	54	2.73
2437MHz	Pass	AV	4.8884G	27.15	54.00	-26.85	3	Horizontal	251	1.50
2437MHz	Pass	PK	4.87574G	40.95	74.00	-33.05	3	Horizontal	251	1.50
2462MHz	Pass	AV	2.4608G	99.98	Inf	-Inf	3	Vertical	7	2.39
2462MHz	Pass	AV	2.4835G	47.17	54.00	-6.83	3	Vertical	7	2.39
2462MHz	Pass	PK	2.4606G	113.32	Inf	-Inf	3	Vertical	7	2.39
2462MHz	Pass	PK	2.4835G	61.88	74.00	-12.12	3	Vertical	7	2.39
2462MHz	Pass	AV	2.4606G	98.91	Inf	-Inf	3	Horizontal	0	2.65
2462MHz	Pass	AV	2.4835G	48.42	54.00	-5.58	3	Horizontal	0	2.65
2462MHz	Pass	PK	2.4604G	112.80	Inf	-Inf	3	Horizontal	0	2.65
2462MHz	Pass	PK	2.4846G	63.47	74.00	-10.53	3	Horizontal	0	2.65
2462MHz	Pass	AV	4.9243G	27.42	54.00	-26.58	3	Vertical	51	1.50
2462MHz	Pass	PK	4.92394G	42.20	74.00	-31.80	3	Vertical	51	1.50
2462MHz	Pass	AV	4.92322G	27.50	54.00	-26.50	3	Horizontal	42	1.50
2462MHz	Pass	PK	4.93726G	41.12	74.00	-32.88	3	Horizontal	42	1.50



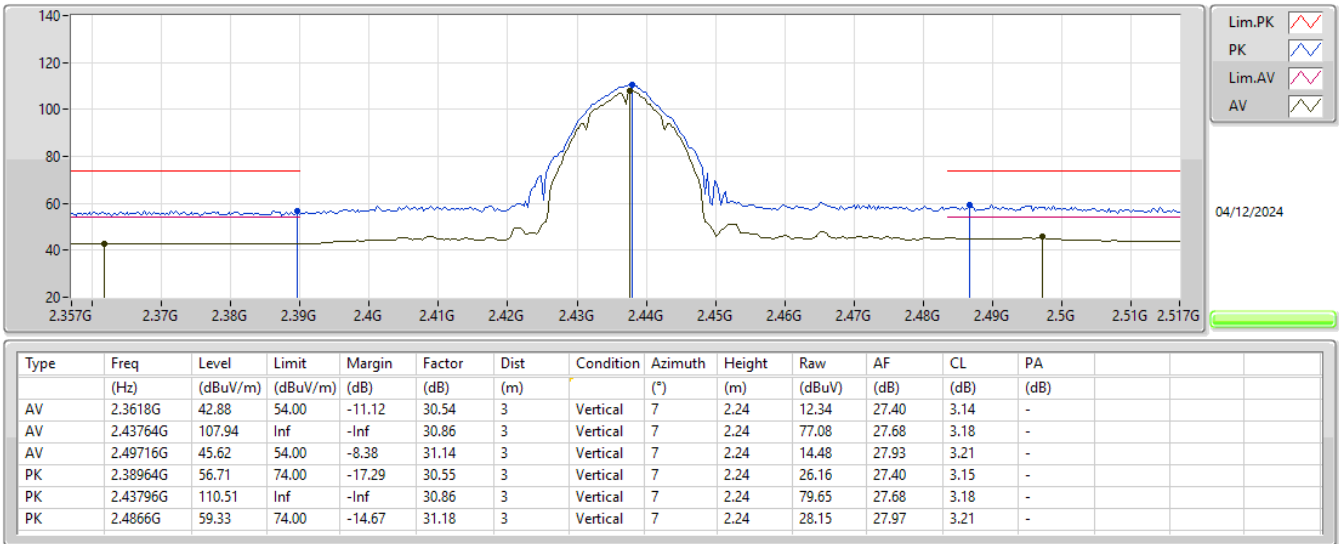
RSE TX above 1GHz Non-Beamforming Radio 0 O-435E

Appendix F.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.38888G	42.94	54.00	-11.06	3	Vertical	0	1.50
2422MHz	Pass	AV	2.42032G	96.79	Inf	-Inf	3	Vertical	0	1.50
2422MHz	Pass	PK	2.36776G	57.03	74.00	-16.97	3	Vertical	0	1.50
2422MHz	Pass	PK	2.4196G	111.11	Inf	-Inf	3	Vertical	0	1.50
2422MHz	Pass	AV	2.3896G	42.96	54.00	-11.04	3	Horizontal	5	1.43
2422MHz	Pass	AV	2.42968G	96.54	Inf	-Inf	3	Horizontal	5	1.43
2422MHz	Pass	PK	2.37856G	57.36	74.00	-16.64	3	Horizontal	5	1.43
2422MHz	Pass	PK	2.42896G	110.23	Inf	-Inf	3	Horizontal	5	1.43
2422MHz	Pass	AV	4.87364G	26.94	54.00	-27.06	3	Vertical	185	1.50
2422MHz	Pass	PK	4.87112G	40.76	74.00	-33.24	3	Vertical	185	1.50
2422MHz	Pass	AV	4.87244G	26.94	54.00	-27.06	3	Horizontal	345	1.50
2422MHz	Pass	PK	4.86536G	40.81	74.00	-33.19	3	Horizontal	345	1.50
2437MHz	Pass	AV	2.37428G	42.90	54.00	-11.10	3	Vertical	3	2.14
2437MHz	Pass	AV	2.4546G	97.99	Inf	-Inf	3	Vertical	3	2.14
2437MHz	Pass	AV	2.4835G	48.70	54.00	-5.30	3	Vertical	3	2.14
2437MHz	Pass	PK	2.36692G	57.44	74.00	-16.56	3	Vertical	3	2.14
2437MHz	Pass	PK	2.45396G	112.24	Inf	-Inf	3	Vertical	3	2.14
2437MHz	Pass	PK	2.48468G	64.40	74.00	-9.60	3	Vertical	3	2.14
2437MHz	Pass	AV	2.36756G	42.93	54.00	-11.07	3	Horizontal	3	1.92
2437MHz	Pass	AV	2.42676G	96.49	Inf	-Inf	3	Horizontal	3	1.92
2437MHz	Pass	AV	2.4835G	48.05	54.00	-5.95	3	Horizontal	3	1.92
2437MHz	Pass	PK	2.36052G	57.91	74.00	-16.09	3	Horizontal	3	1.92
2437MHz	Pass	PK	2.42644G	110.44	Inf	-Inf	3	Horizontal	3	1.92
2437MHz	Pass	PK	2.48756G	63.67	74.00	-10.33	3	Horizontal	3	1.92
2437MHz	Pass	AV	4.8896G	27.18	54.00	-26.82	3	Vertical	18	1.50
2437MHz	Pass	PK	4.89452G	41.74	74.00	-32.26	3	Vertical	18	1.50
2437MHz	Pass	AV	4.88864G	27.17	54.00	-26.83	3	Horizontal	284	2.95
2437MHz	Pass	PK	4.88624G	41.10	74.00	-32.90	3	Horizontal	284	2.95
2452MHz	Pass	AV	2.47024G	97.31	Inf	-Inf	3	Vertical	9	2.37
2452MHz	Pass	AV	2.48536G	50.94	54.00	-3.06	3	Vertical	9	2.37
2452MHz	Pass	PK	2.46856G	111.54	Inf	-Inf	3	Vertical	9	2.37
2452MHz	Pass	PK	2.48992G	66.07	74.00	-7.93	3	Vertical	9	2.37
2452MHz	Pass	AV	2.46928G	96.71	Inf	-Inf	3	Horizontal	0	2.68
2452MHz	Pass	AV	2.4835G	51.41	54.00	-2.59	3	Horizontal	0	2.68
2452MHz	Pass	PK	2.46712G	110.08	Inf	-Inf	3	Horizontal	0	2.68
2452MHz	Pass	PK	2.48464G	66.13	74.00	-7.87	3	Horizontal	0	2.68
2452MHz	Pass	AV	4.9268G	27.48	54.00	-26.52	3	Vertical	8	1.24
2452MHz	Pass	PK	4.9172G	41.43	74.00	-32.57	3	Vertical	8	1.24
2452MHz	Pass	AV	4.93316G	27.50	54.00	-26.50	3	Horizontal	0	1.50
2452MHz	Pass	PK	4.92752G	41.73	74.00	-32.27	3	Horizontal	0	1.50

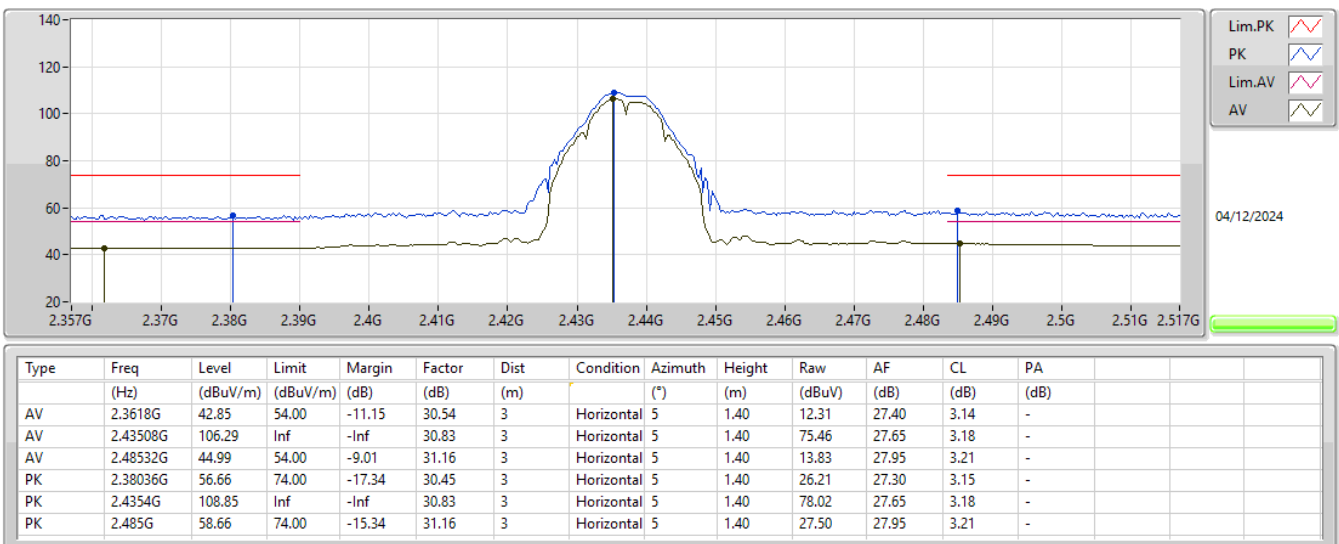
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2437MHz_TX



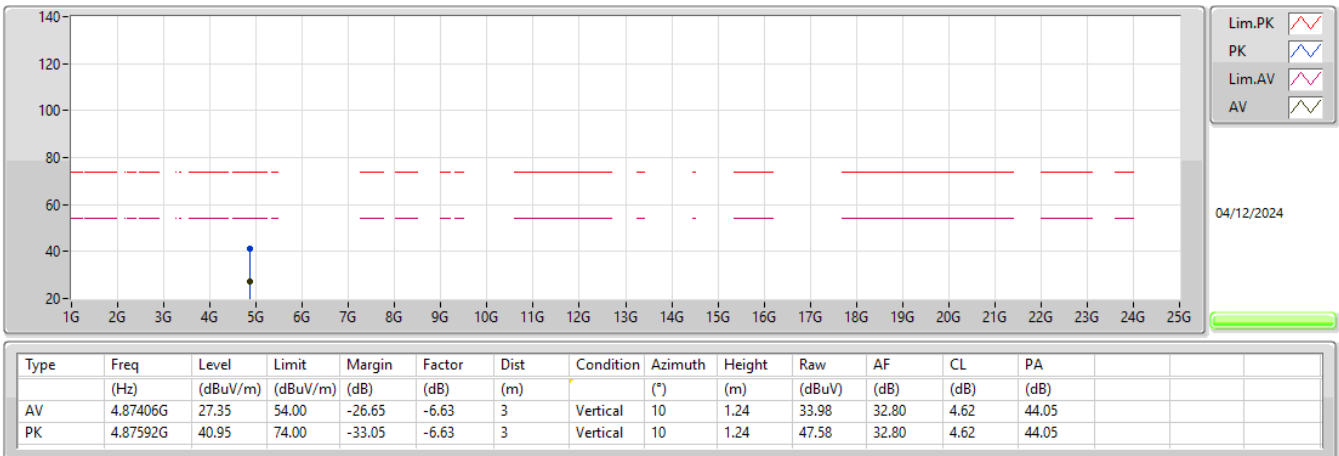
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2437MHz_TX



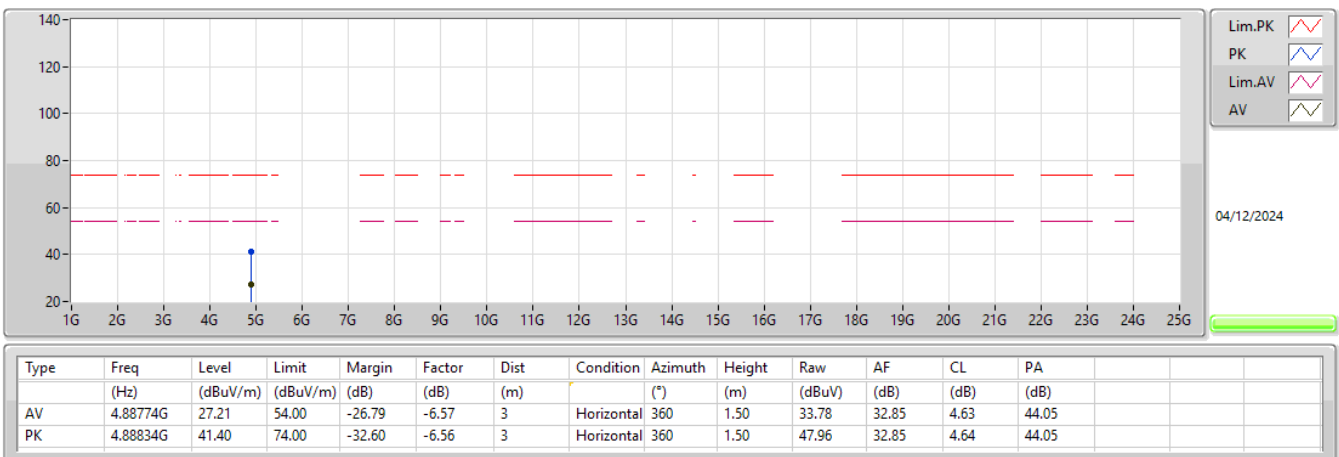
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2437MHz_TX



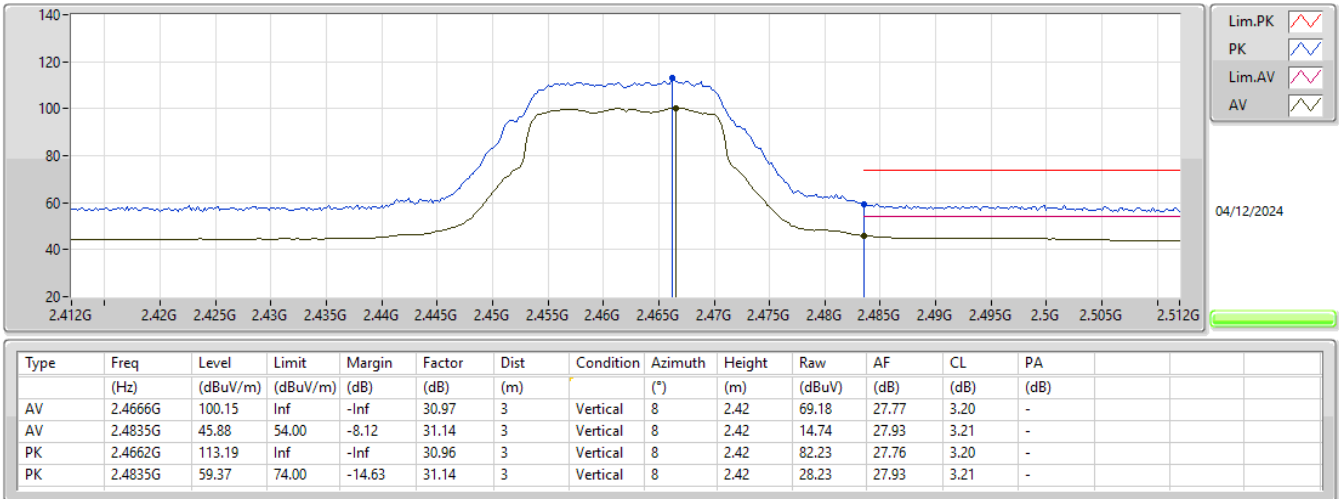
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2437MHz_TX



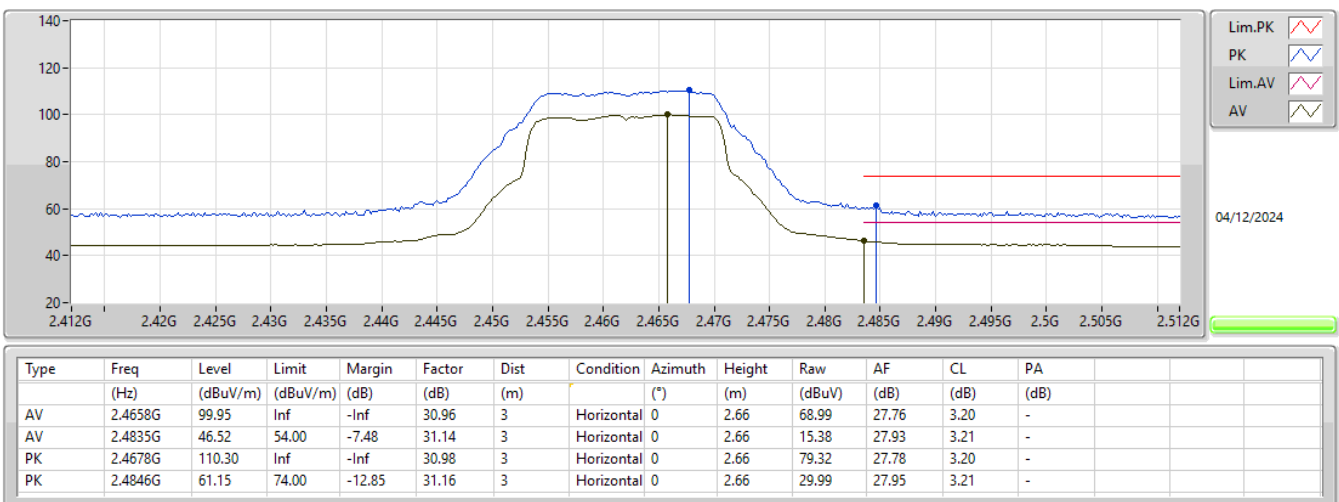
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



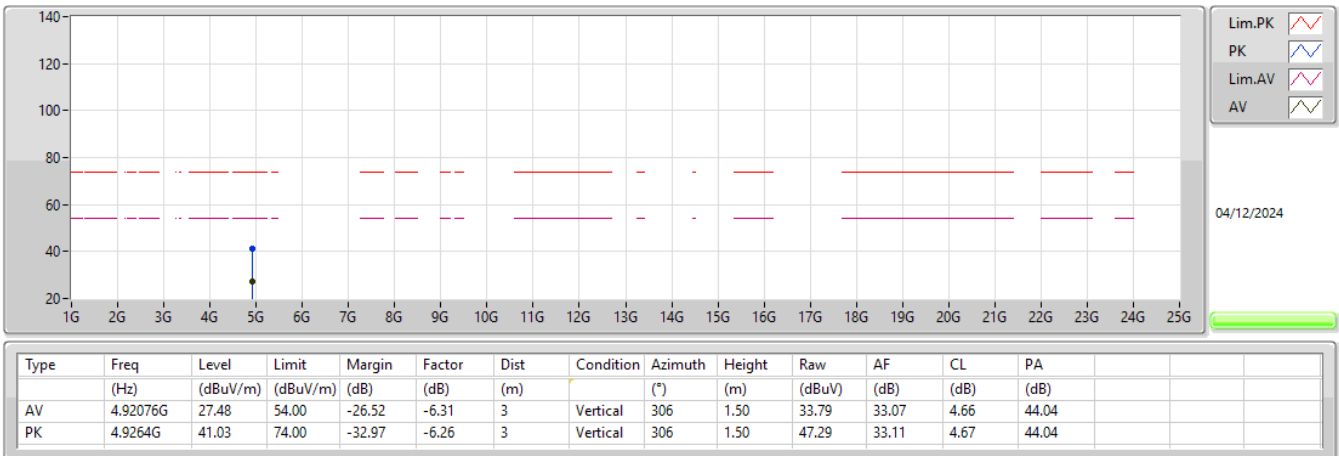
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2462MHz_TX



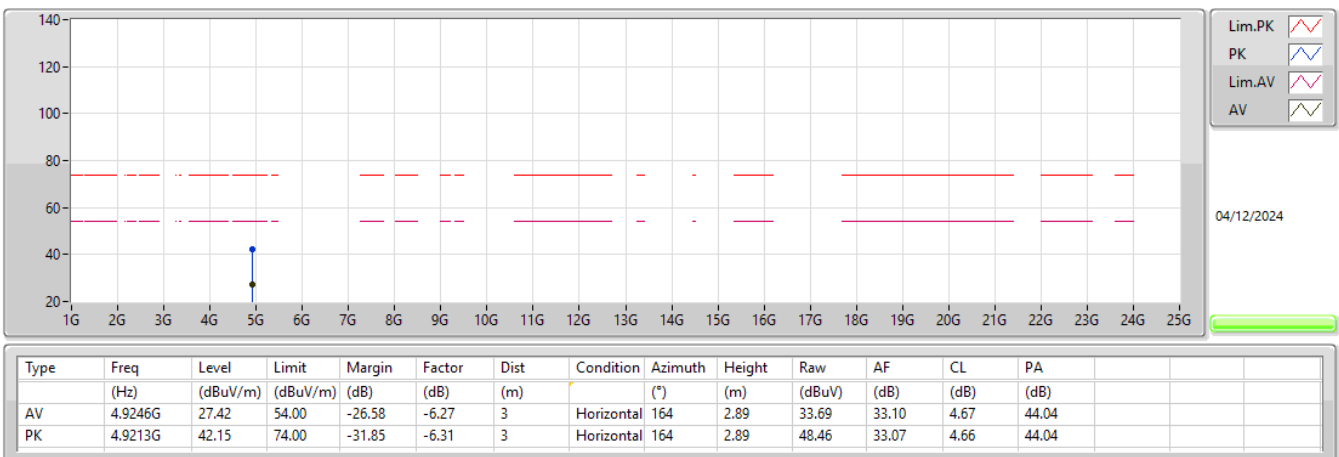
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



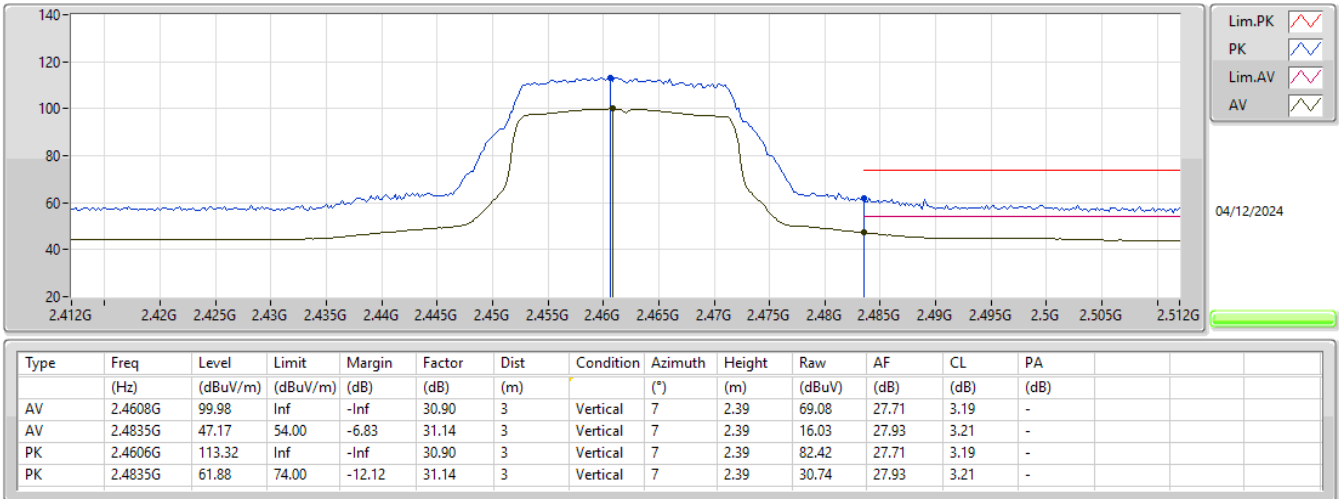
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



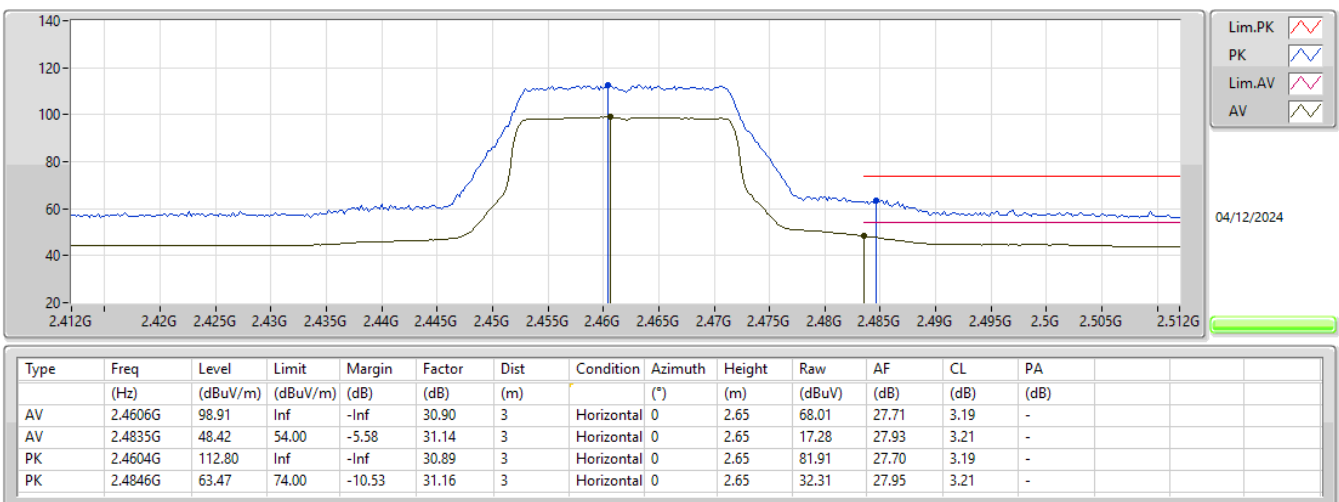
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2462MHz_TX



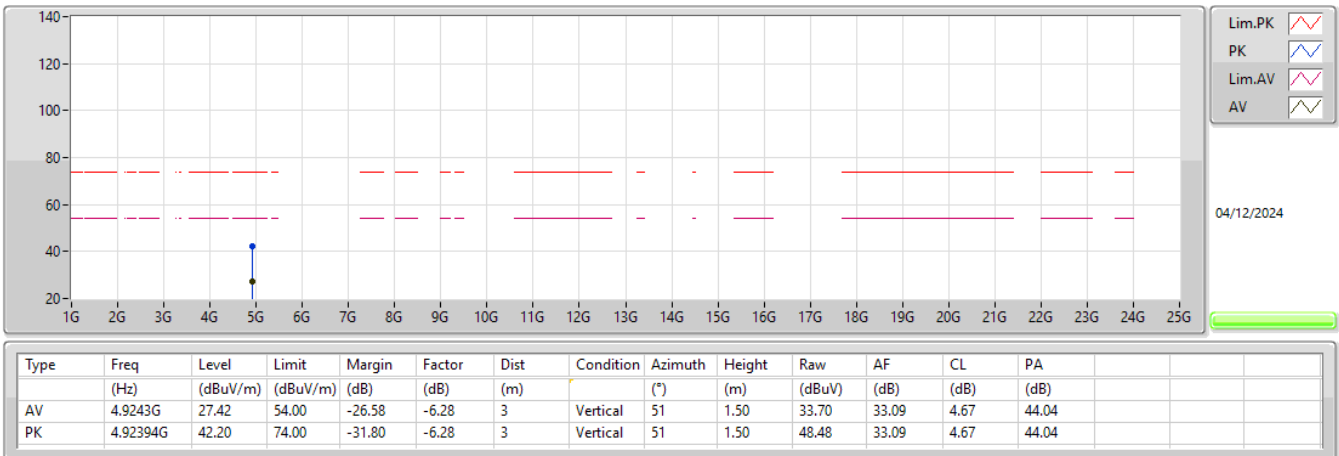
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2462MHz_TX



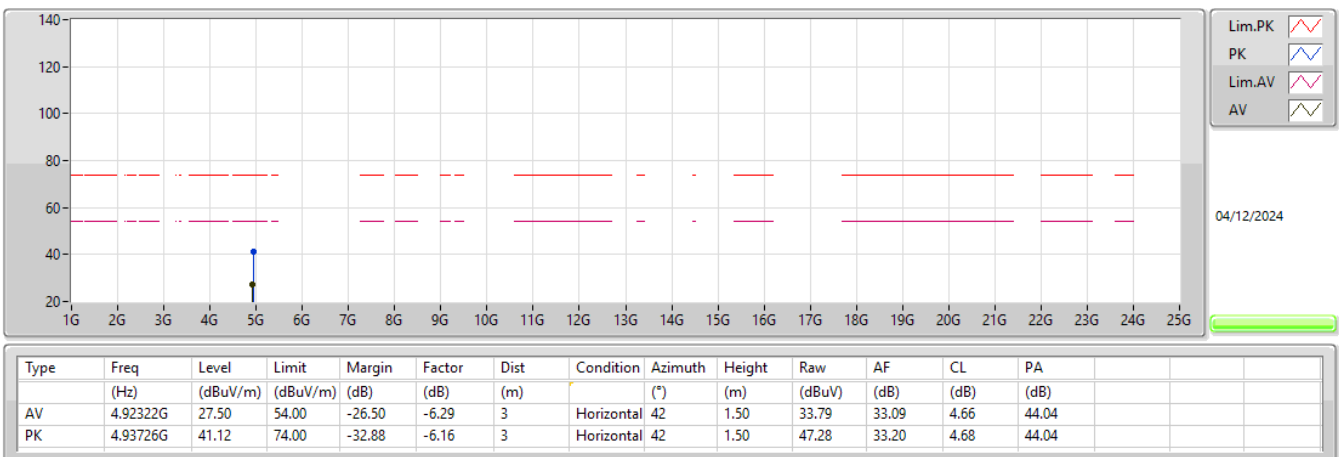
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2462MHz_TX



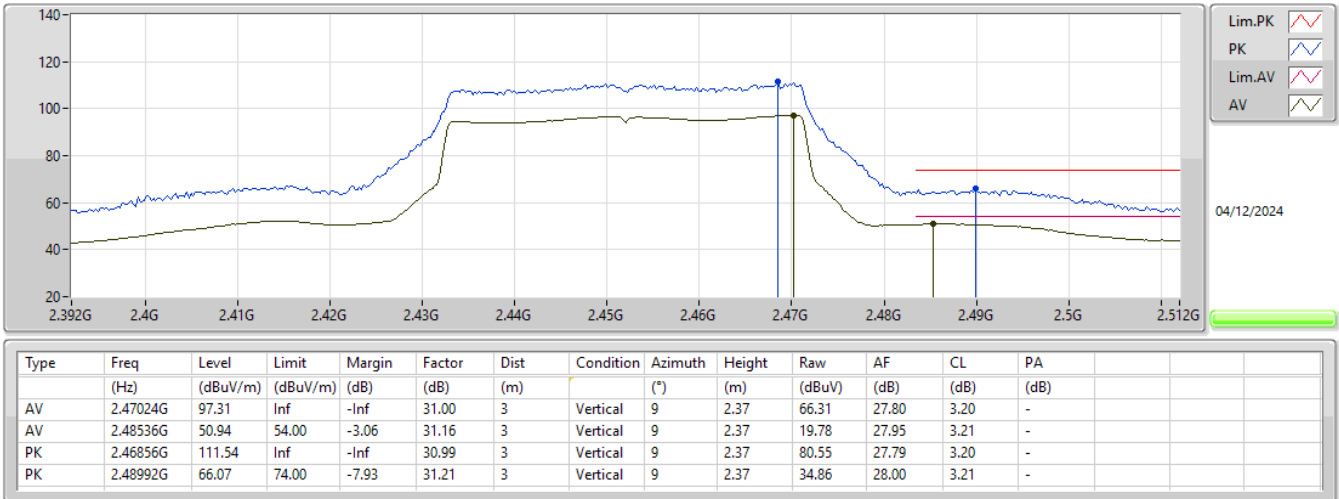
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2462MHz_TX



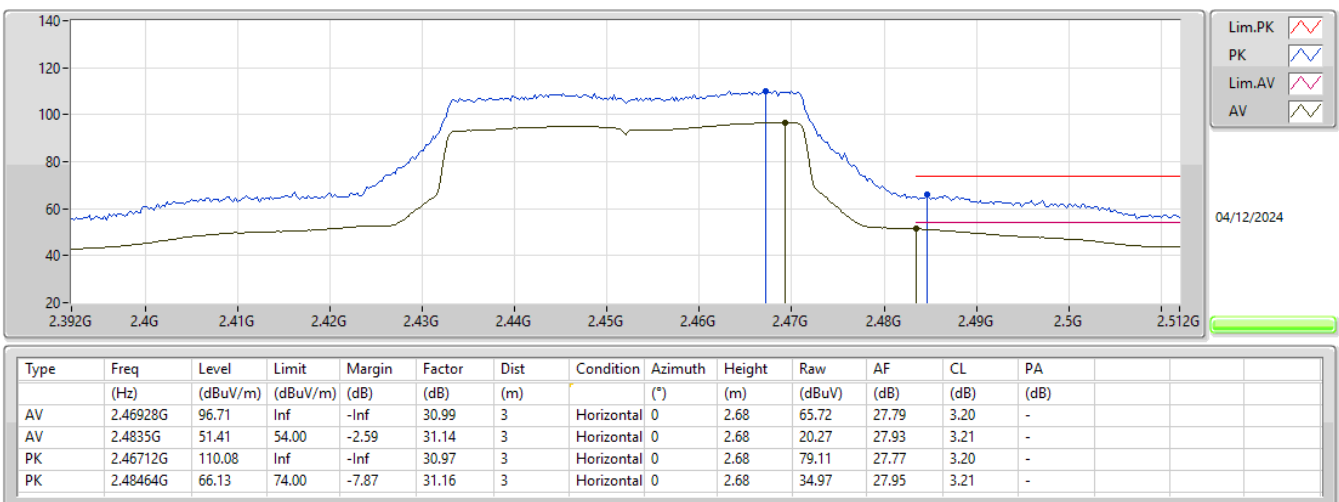
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



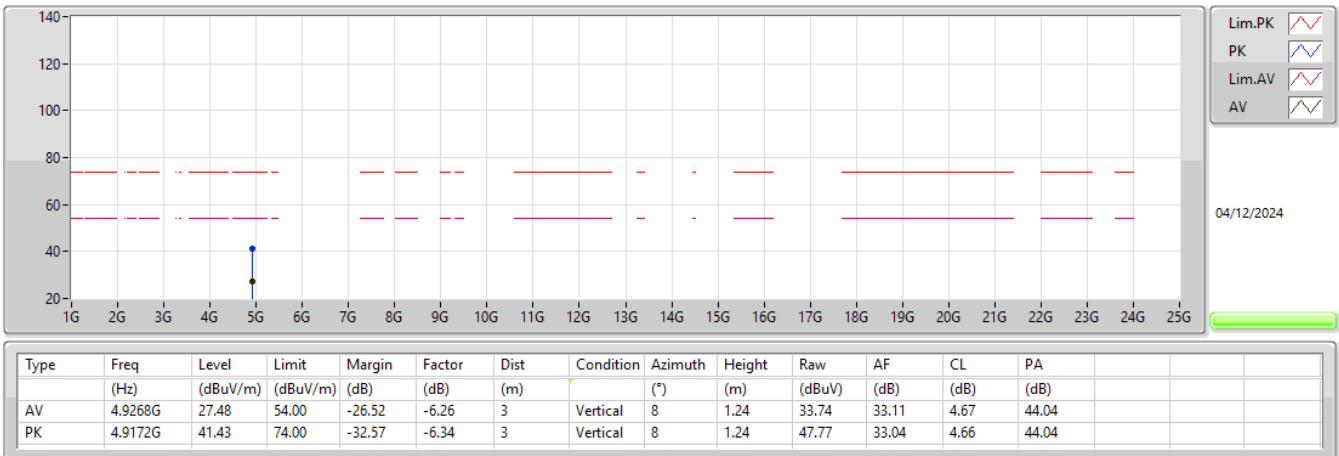
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2452MHz_TX



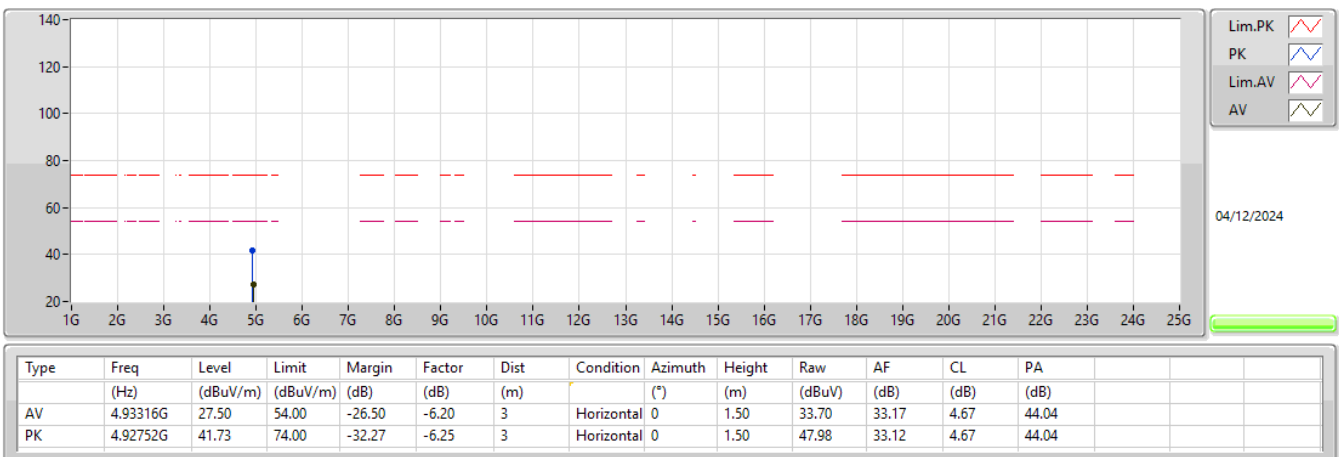
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



**Summary**

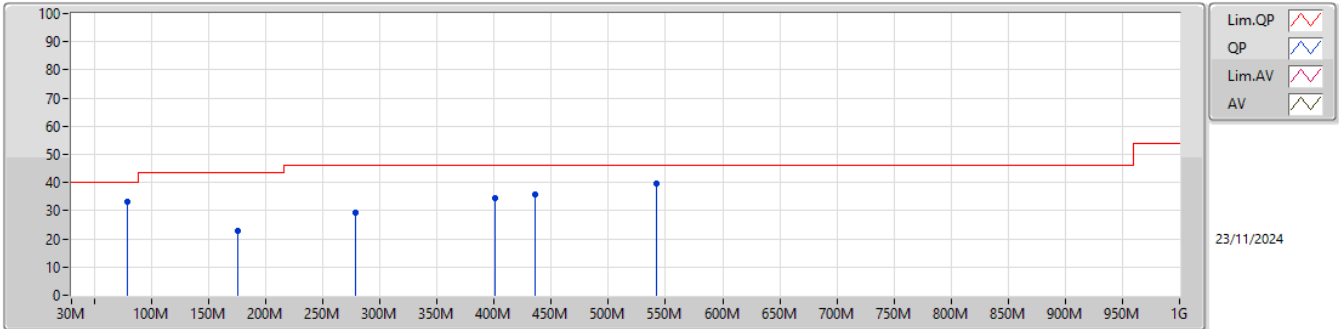
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	375.32M	40.06	46.00	-5.94	3	Horizontal	360	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	78.5M	32.99	40.00	-7.01	3	Vertical	0	1.00
2437MHz	Pass	PK	175.5M	22.97	43.50	-20.53	3	Vertical	0	1.00
2437MHz	Pass	PK	278.32M	29.25	46.00	-16.75	3	Vertical	0	1.00
2437MHz	Pass	PK	400.54M	34.36	46.00	-11.64	3	Vertical	0	1.00
2437MHz	Pass	PK	435.46M	35.86	46.00	-10.14	3	Vertical	0	1.00
2437MHz	Pass	PK	542.16M	39.50	46.00	-6.50	3	Vertical	0	1.00
2437MHz	Pass	PK	82.38M	25.05	40.00	-14.95	3	Horizontal	360	1.00
2437MHz	Pass	PK	142.52M	21.75	43.50	-21.75	3	Horizontal	360	1.00
2437MHz	Pass	PK	278.32M	34.47	46.00	-11.53	3	Horizontal	360	1.00
2437MHz	Pass	PK	375.32M	40.06	46.00	-5.94	3	Horizontal	360	1.00
2437MHz	Pass	PK	398.6M	39.78	46.00	-6.22	3	Horizontal	360	1.00
2437MHz	Pass	PK	540.22M	34.40	46.00	-11.60	3	Horizontal	360	1.00

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

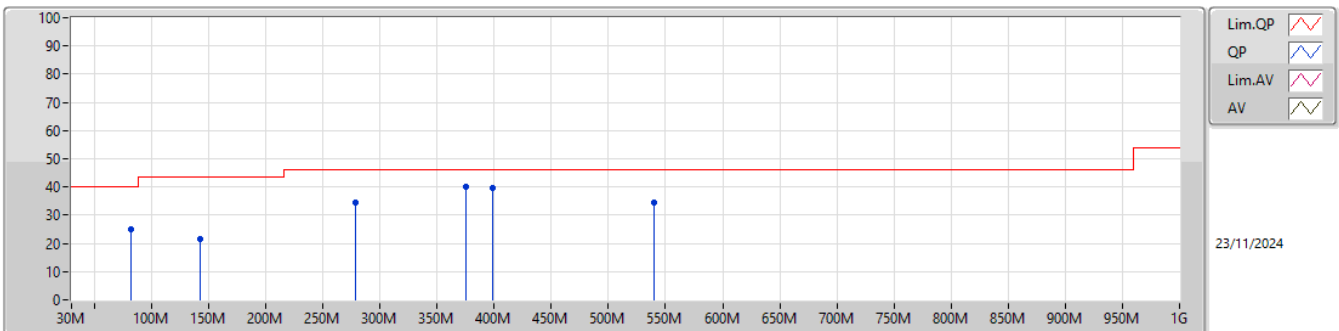
2437MHz_PoE



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	78.5M	32.99	40.00	-7.01	-14.56	3	Vertical	0	1.00	47.55	12.07	0.67	27.30
PK	175.5M	22.97	43.50	-20.53	-11.40	3	Vertical	0	1.00	34.37	14.54	1.01	26.95
PK	278.32M	29.25	46.00	-16.75	-7.47	3	Vertical	0	1.00	36.72	17.92	1.27	26.66
PK	400.54M	34.36	46.00	-11.64	-4.95	3	Vertical	0	1.00	39.31	20.91	1.52	27.38
PK	435.46M	35.86	46.00	-10.14	-4.50	3	Vertical	0	1.00	40.36	21.69	1.58	27.77
PK	542.16M	39.50	46.00	-6.50	-2.99	3	Vertical	0	1.00	42.49	23.63	1.73	28.35

2.4-2.4835GHz_802.11be EHT40_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	82.38M	25.05	40.00	-14.95	-14.01	3	Horizontal	360	1.00	39.06	12.60	0.68	27.29
PK	142.52M	21.75	43.50	-21.75	-10.20	3	Horizontal	360	1.00	31.95	15.98	0.91	27.09
PK	278.32M	34.47	46.00	-11.53	-7.47	3	Horizontal	360	1.00	41.94	17.92	1.27	26.66
PK	375.32M	40.06	46.00	-5.94	-5.65	3	Horizontal	360	1.00	45.71	20.07	1.48	27.20
PK	398.6M	39.78	46.00	-6.22	-5.01	3	Horizontal	360	1.00	44.79	20.83	1.52	27.36
PK	540.22M	34.40	46.00	-11.60	-3.11	3	Horizontal	360	1.00	37.51	23.50	1.73	28.34

**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	2.4835G	44.33	54.00	-9.67	3	Horizontal	7	2.04
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	46.69	54.00	-7.31	3	Horizontal	7	2.06
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	48.80	54.00	-5.20	3	Horizontal	7	2.04
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4912G	49.99	54.00	-4.01	3	Horizontal	8	2.01

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	2.3886G	42.18	54.00	-11.82	3	Horizontal	358	2.12
2412MHz	Pass	AV	2.4112G	114.97	Inf	-Inf	3	Horizontal	358	2.12
2412MHz	Pass	PK	2.3642G	56.69	74.00	-17.31	3	Horizontal	358	2.12
2412MHz	Pass	PK	2.4112G	117.48	Inf	-Inf	3	Horizontal	358	2.12
2412MHz	Pass	AV	4.824G	34.95	54.00	-19.05	3	Vertical	67	1.24
2412MHz	Pass	PK	4.82398G	42.79	74.00	-31.21	3	Vertical	67	1.24
2412MHz	Pass	AV	4.82398G	37.88	54.00	-16.12	3	Horizontal	47	1.58
2412MHz	Pass	PK	4.82386G	44.48	74.00	-29.52	3	Horizontal	47	1.58
2437MHz	Pass	AV	2.3854G	42.09	54.00	-11.91	3	Horizontal	4	2.32
2437MHz	Pass	AV	2.4362G	114.94	Inf	-Inf	3	Horizontal	4	2.32
2437MHz	Pass	AV	2.4835G	42.96	54.00	-11.04	3	Horizontal	4	2.32
2437MHz	Pass	PK	2.3754G	55.78	74.00	-18.22	3	Horizontal	4	2.32
2437MHz	Pass	PK	2.4362G	117.60	Inf	-Inf	3	Horizontal	4	2.32
2437MHz	Pass	PK	2.4922G	57.39	74.00	-16.61	3	Horizontal	4	2.32
2437MHz	Pass	AV	4.874G	27.49	54.00	-26.51	3	Vertical	62	1.28
2437MHz	Pass	PK	4.86224G	40.28	74.00	-33.72	3	Vertical	62	1.28
2437MHz	Pass	AV	4.874G	29.48	54.00	-24.52	3	Horizontal	342	1.50
2437MHz	Pass	PK	4.87388G	41.18	74.00	-32.82	3	Horizontal	342	1.50
2462MHz	Pass	AV	2.4612G	114.15	Inf	-Inf	3	Horizontal	7	2.04
2462MHz	Pass	AV	2.4835G	44.33	54.00	-9.67	3	Horizontal	7	2.04
2462MHz	Pass	PK	2.4612G	116.75	Inf	-Inf	3	Horizontal	7	2.04
2462MHz	Pass	PK	2.4852G	57.87	74.00	-16.13	3	Horizontal	7	2.04
2462MHz	Pass	AV	4.92874G	26.70	54.00	-27.30	3	Vertical	179	1.50
2462MHz	Pass	PK	4.93246G	41.20	74.00	-32.80	3	Vertical	179	1.50
2462MHz	Pass	AV	4.9297G	26.73	54.00	-27.27	3	Horizontal	106	2.99
2462MHz	Pass	PK	4.92946G	40.95	74.00	-33.05	3	Horizontal	106	2.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.387G	42.16	54.00	-11.84	3	Horizontal	357	2.12
2412MHz	Pass	AV	2.4102G	109.03	Inf	-Inf	3	Horizontal	357	2.12
2412MHz	Pass	PK	2.3848G	56.87	74.00	-17.13	3	Horizontal	357	2.12
2412MHz	Pass	PK	2.4106G	119.55	Inf	-Inf	3	Horizontal	357	2.12
2412MHz	Pass	AV	4.82166G	29.32	54.00	-24.68	3	Vertical	57	1.61
2412MHz	Pass	PK	4.82226G	42.55	74.00	-31.45	3	Vertical	57	1.61
2412MHz	Pass	AV	4.82178G	30.91	54.00	-23.09	3	Horizontal	54	1.61
2412MHz	Pass	PK	4.82256G	44.12	74.00	-29.88	3	Horizontal	54	1.61
2437MHz	Pass	AV	2.3782G	42.15	54.00	-11.85	3	Horizontal	357	2.37
2437MHz	Pass	AV	2.4374G	110.08	Inf	-Inf	3	Horizontal	357	2.37
2437MHz	Pass	AV	2.4854G	43.46	54.00	-10.54	3	Horizontal	357	2.37
2437MHz	Pass	PK	2.3686G	56.66	74.00	-17.34	3	Horizontal	357	2.37
2437MHz	Pass	PK	2.4378G	119.47	Inf	-Inf	3	Horizontal	357	2.37
2437MHz	Pass	PK	2.4998G	57.97	74.00	-16.03	3	Horizontal	357	2.37
2437MHz	Pass	AV	4.86776G	26.59	54.00	-27.41	3	Vertical	38	1.50
2437MHz	Pass	PK	4.87952G	40.03	74.00	-33.97	3	Vertical	38	1.50
2437MHz	Pass	AV	4.8713G	27.07	54.00	-26.93	3	Horizontal	345	1.68
2437MHz	Pass	PK	4.8686G	41.00	74.00	-33.00	3	Horizontal	345	1.68
2462MHz	Pass	AV	2.4626G	109.89	Inf	-Inf	3	Horizontal	7	2.06
2462MHz	Pass	AV	2.4835G	46.69	54.00	-7.31	3	Horizontal	7	2.06
2462MHz	Pass	PK	2.4626G	119.41	Inf	-Inf	3	Horizontal	7	2.06
2462MHz	Pass	PK	2.4838G	60.65	74.00	-13.35	3	Horizontal	7	2.06
2462MHz	Pass	AV	4.93018G	26.89	54.00	-27.11	3	Vertical	353	2.99
2462MHz	Pass	PK	4.9099G	40.22	74.00	-33.78	3	Vertical	353	2.99
2462MHz	Pass	AV	4.92904G	26.87	54.00	-27.13	3	Horizontal	301	1.50
2462MHz	Pass	PK	4.9105G	41.29	74.00	-32.71	3	Horizontal	301	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	42.23	54.00	-11.77	3	Horizontal	15	3.00
2412MHz	Pass	AV	2.411G	107.38	Inf	-Inf	3	Horizontal	15	3.00
2412MHz	Pass	PK	2.3628G	56.47	74.00	-17.53	3	Horizontal	15	3.00
2412MHz	Pass	PK	2.411G	120.71	Inf	-Inf	3	Horizontal	15	3.00
2412MHz	Pass	AV	4.81794G	28.63	54.00	-25.37	3	Vertical	57	1.49
2412MHz	Pass	PK	4.81692G	42.33	74.00	-31.67	3	Vertical	57	1.49



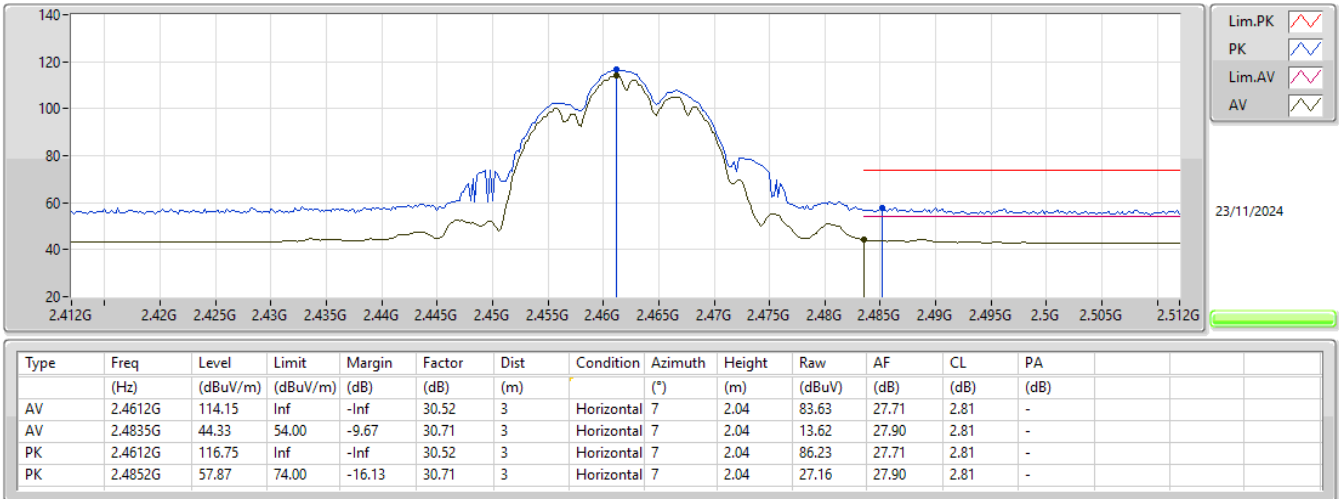
RSE TX above 1GHz Non-Beamforming Radio 1 O-435E

Appendix F.8

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	AV	4.81752G	29.99	54.00	-24.01	3	Horizontal	55	1.77
2412MHz	Pass	PK	4.81908G	44.64	74.00	-29.36	3	Horizontal	55	1.77
2437MHz	Pass	AV	2.3854G	42.16	54.00	-11.84	3	Horizontal	9	2.90
2437MHz	Pass	AV	2.4358G	107.92	Inf	-Inf	3	Horizontal	9	2.90
2437MHz	Pass	AV	2.4858G	43.29	54.00	-10.71	3	Horizontal	9	2.90
2437MHz	Pass	PK	2.3794G	56.35	74.00	-17.65	3	Horizontal	9	2.90
2437MHz	Pass	PK	2.4338G	121.03	Inf	-Inf	3	Horizontal	9	2.90
2437MHz	Pass	PK	2.4858G	57.75	74.00	-16.25	3	Horizontal	9	2.90
2437MHz	Pass	AV	4.86704G	26.68	54.00	-27.32	3	Vertical	58	1.31
2437MHz	Pass	PK	4.86992G	40.63	74.00	-33.37	3	Vertical	58	1.31
2437MHz	Pass	AV	4.86458G	26.67	54.00	-27.33	3	Horizontal	0	1.35
2437MHz	Pass	PK	4.85978G	40.71	74.00	-33.29	3	Horizontal	0	1.35
2462MHz	Pass	AV	2.4628G	109.86	Inf	-Inf	3	Horizontal	7	2.04
2462MHz	Pass	AV	2.4835G	48.80	54.00	-5.20	3	Horizontal	7	2.04
2462MHz	Pass	PK	2.4632G	122.87	Inf	-Inf	3	Horizontal	7	2.04
2462MHz	Pass	PK	2.4844G	65.00	74.00	-9.00	3	Horizontal	7	2.04
2462MHz	Pass	AV	4.92988G	26.87	54.00	-27.13	3	Vertical	182	1.50
2462MHz	Pass	PK	4.9159G	40.71	74.00	-33.29	3	Vertical	182	1.50
2462MHz	Pass	AV	4.92748G	26.95	54.00	-27.05	3	Horizontal	222	1.50
2462MHz	Pass	PK	4.9177G	40.91	74.00	-33.09	3	Horizontal	222	1.50
802.11be EHT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.388G	42.20	54.00	-11.80	3	Horizontal	360	3.00
2422MHz	Pass	AV	2.4192G	105.73	Inf	-Inf	3	Horizontal	360	3.00
2422MHz	Pass	AV	2.4835G	43.60	54.00	-10.40	3	Horizontal	360	3.00
2422MHz	Pass	PK	2.3336G	56.84	74.00	-17.16	3	Horizontal	360	3.00
2422MHz	Pass	PK	2.4188G	119.87	Inf	-Inf	3	Horizontal	360	3.00
2422MHz	Pass	PK	2.4844G	57.22	74.00	-16.78	3	Horizontal	360	3.00
2422MHz	Pass	AV	4.83608G	27.36	54.00	-26.64	3	Vertical	58	1.50
2422MHz	Pass	PK	4.8494G	40.95	74.00	-33.05	3	Vertical	58	1.50
2422MHz	Pass	AV	4.83464G	28.09	54.00	-25.91	3	Horizontal	55	1.57
2422MHz	Pass	PK	4.83704G	42.38	74.00	-31.62	3	Horizontal	55	1.57
2437MHz	Pass	AV	2.3898G	42.15	54.00	-11.85	3	Horizontal	0	1.81
2437MHz	Pass	AV	2.4378G	107.99	Inf	-Inf	3	Horizontal	0	1.81
2437MHz	Pass	AV	2.4835G	44.83	54.00	-9.17	3	Horizontal	0	1.81
2437MHz	Pass	PK	2.375G	56.64	74.00	-17.36	3	Horizontal	0	1.81
2437MHz	Pass	PK	2.4378G	121.09	Inf	-Inf	3	Horizontal	0	1.81
2437MHz	Pass	PK	2.4862G	60.02	74.00	-13.98	3	Horizontal	0	1.81
2437MHz	Pass	AV	4.8992G	26.66	54.00	-27.34	3	Vertical	47	1.50
2437MHz	Pass	PK	4.8896G	40.07	74.00	-33.93	3	Vertical	47	1.50
2437MHz	Pass	AV	4.86236G	26.87	54.00	-27.13	3	Horizontal	345	1.53
2437MHz	Pass	PK	4.89968G	40.57	74.00	-33.43	3	Horizontal	345	1.53
2452MHz	Pass	AV	2.39G	42.25	54.00	-11.75	3	Horizontal	8	2.01
2452MHz	Pass	AV	2.4528G	107.09	Inf	-Inf	3	Horizontal	8	2.01
2452MHz	Pass	AV	2.4912G	49.99	54.00	-4.01	3	Horizontal	8	2.01
2452MHz	Pass	PK	2.3808G	56.00	74.00	-18.00	3	Horizontal	8	2.01
2452MHz	Pass	PK	2.4536G	120.13	Inf	-Inf	3	Horizontal	8	2.01
2452MHz	Pass	PK	2.4876G	69.76	74.00	-4.24	3	Horizontal	8	2.01
2452MHz	Pass	AV	4.92956G	26.93	54.00	-27.07	3	Vertical	346	1.50
2452MHz	Pass	PK	4.87532G	40.60	74.00	-33.40	3	Vertical	346	1.50
2452MHz	Pass	AV	4.92824G	26.93	54.00	-27.07	3	Horizontal	220	2.99
2452MHz	Pass	PK	4.90064G	40.73	74.00	-33.27	3	Horizontal	220	2.99

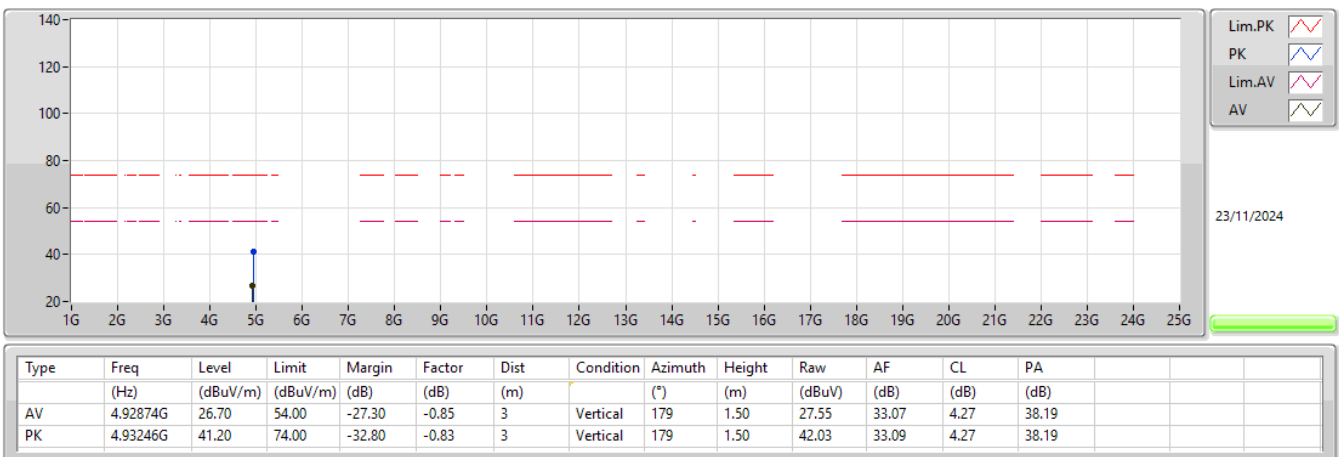
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



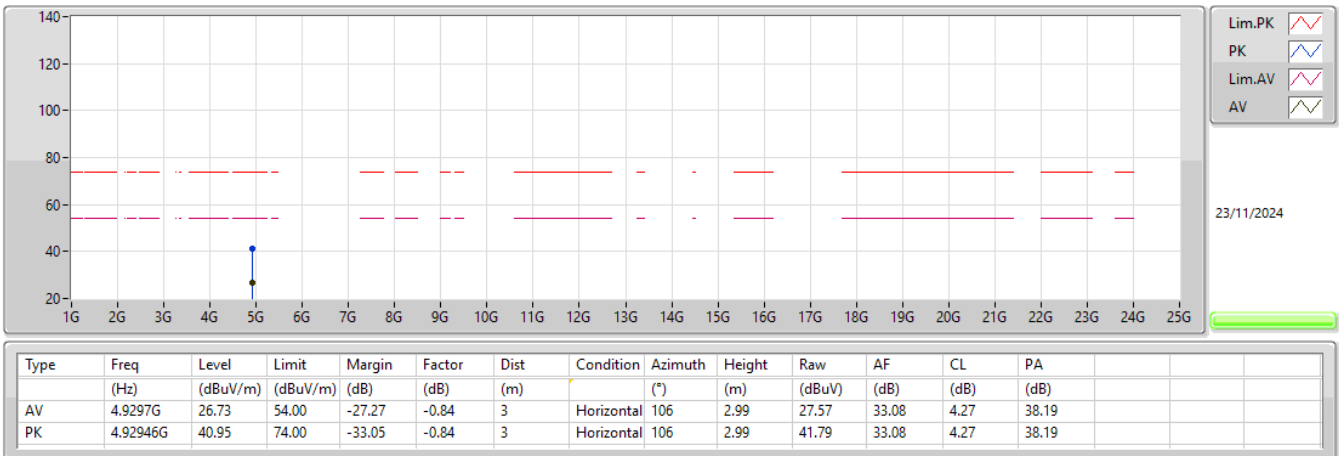
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



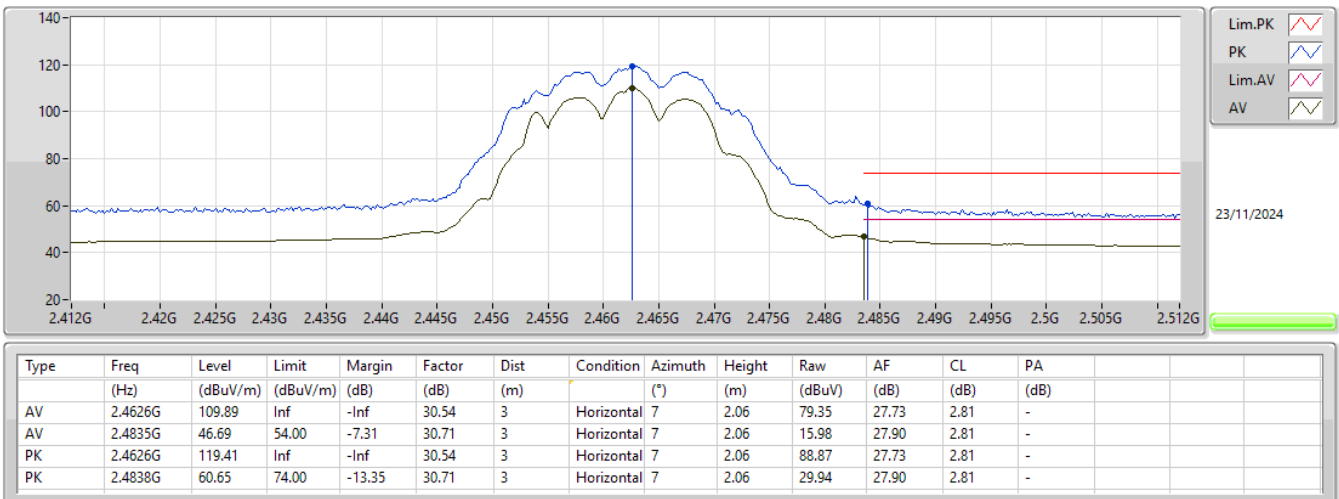
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



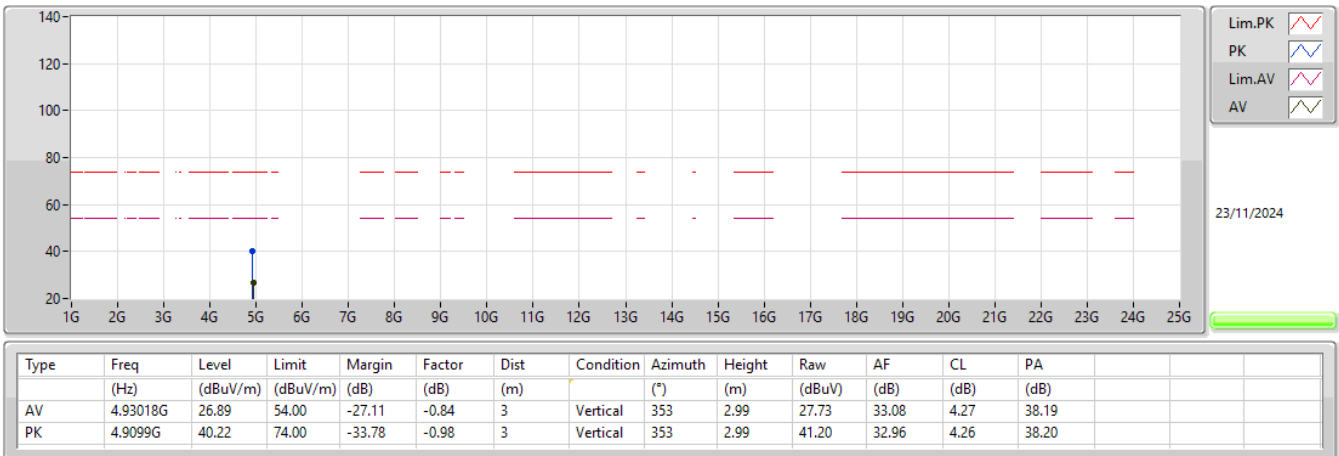
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



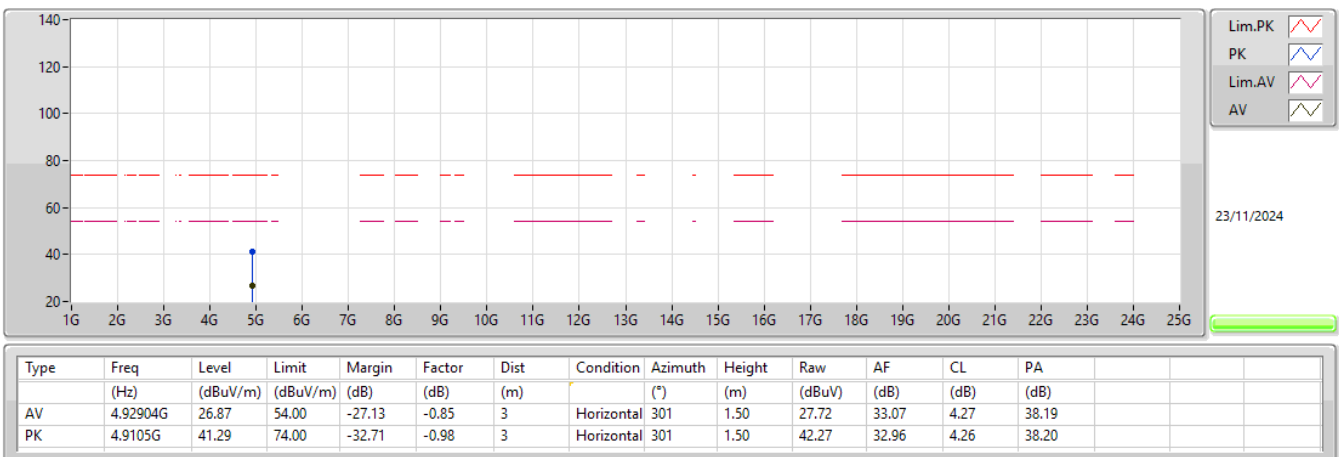
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



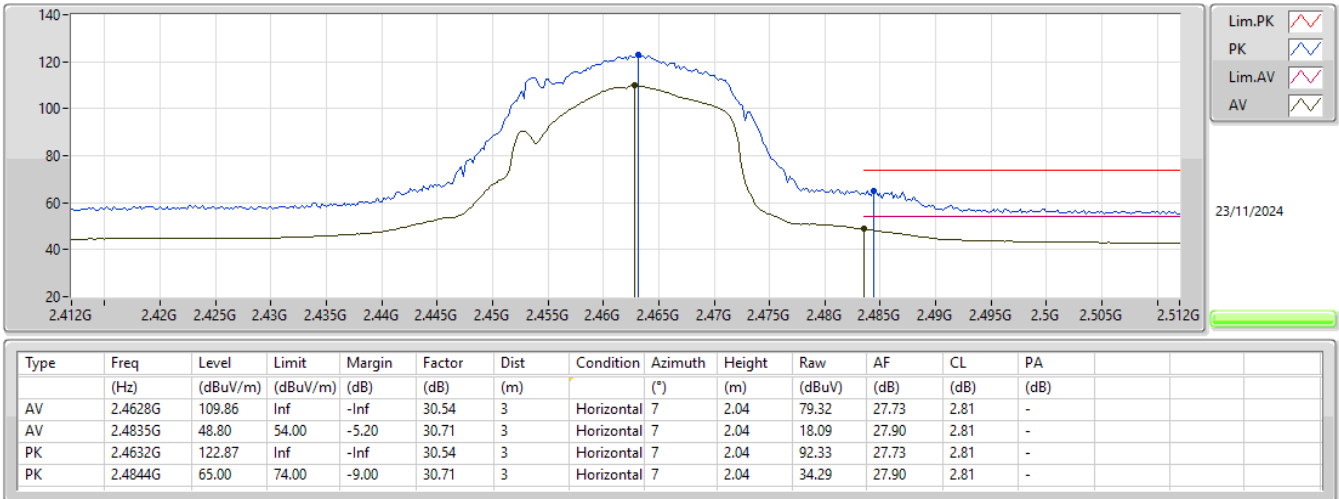
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



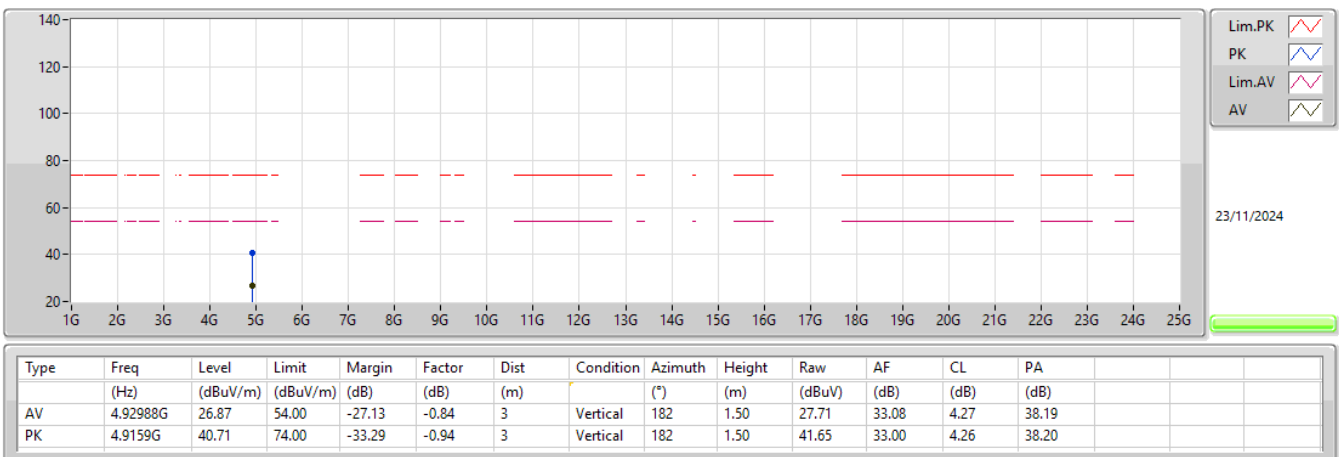
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



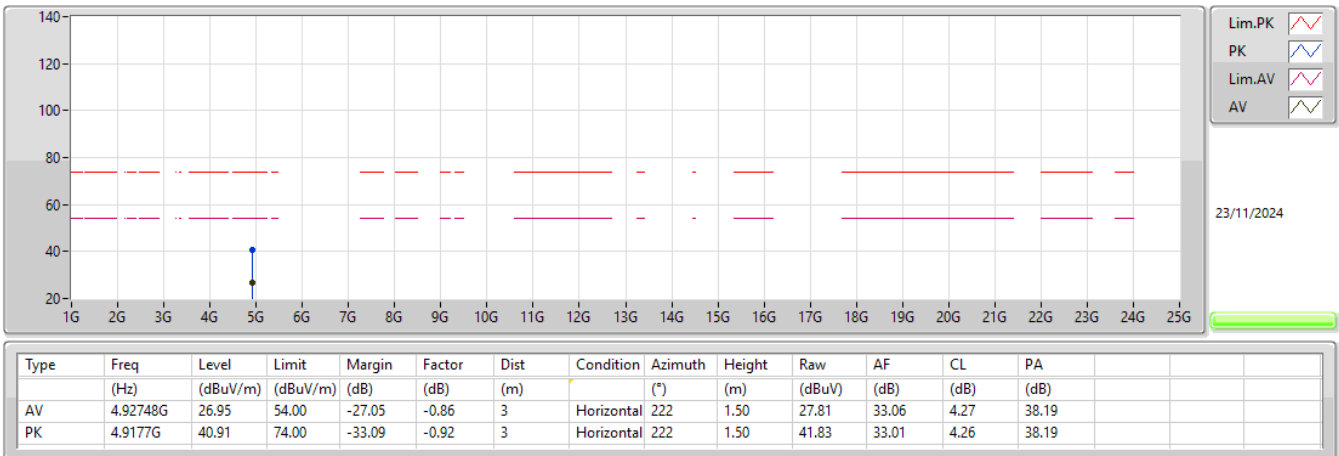
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



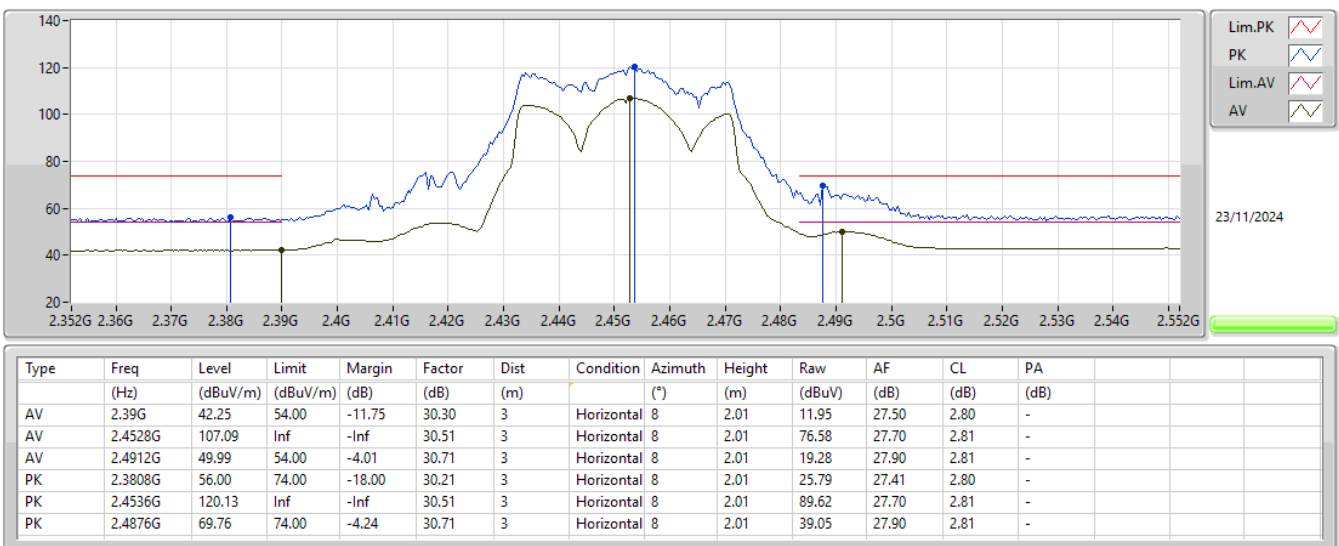
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



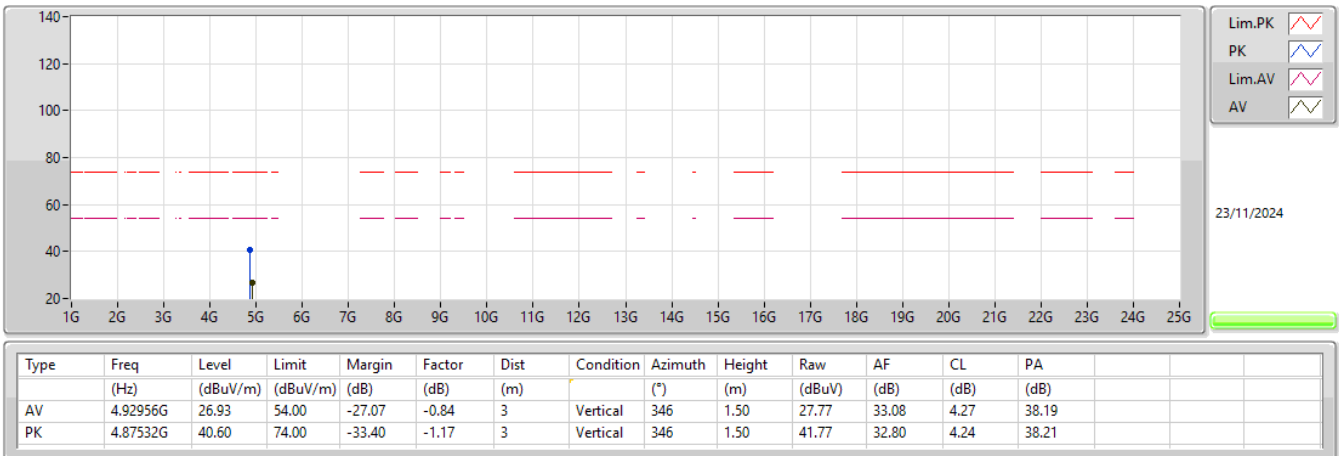
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



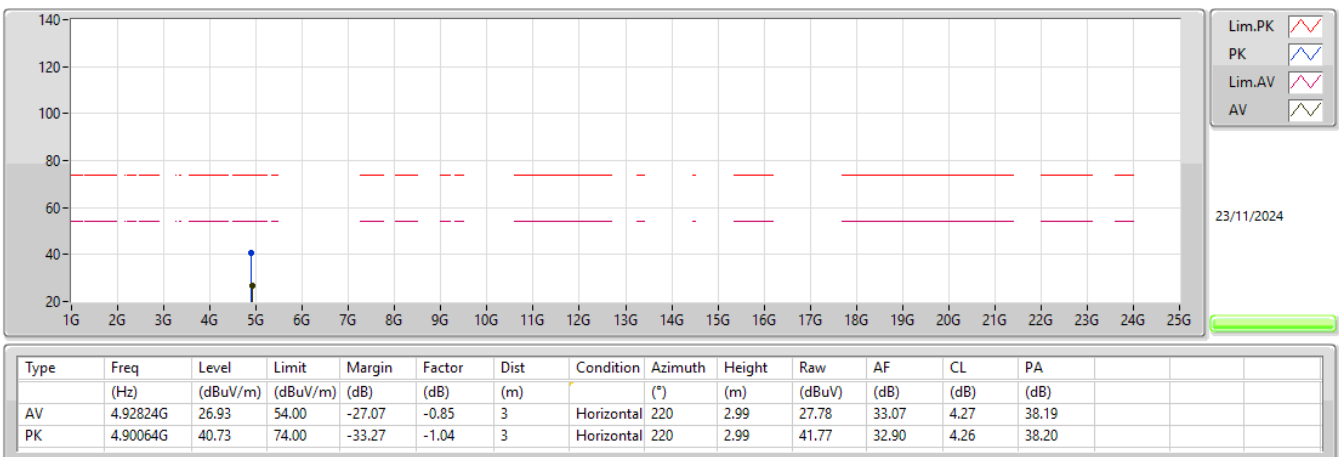
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX





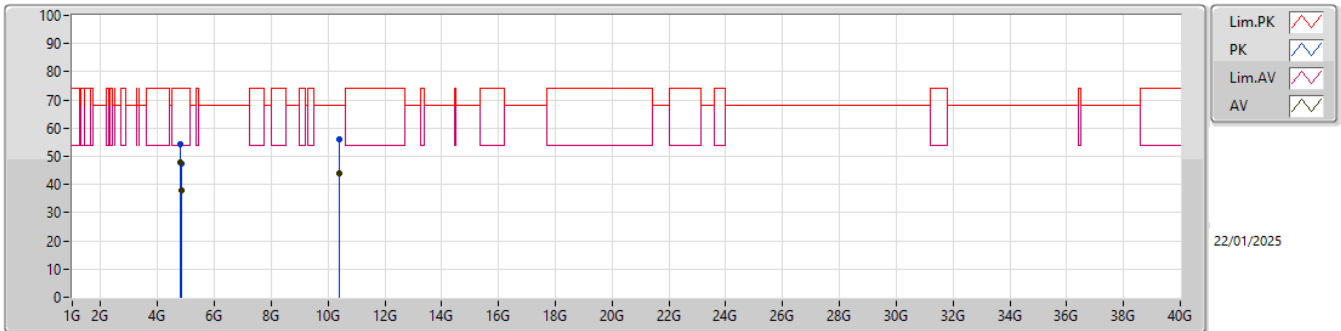
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.80404G	47.99	54.00	-6.01	Vertical
Mode 2	Pass	AV	4.80394G	47.72	54.00	-6.28	Vertical

Result

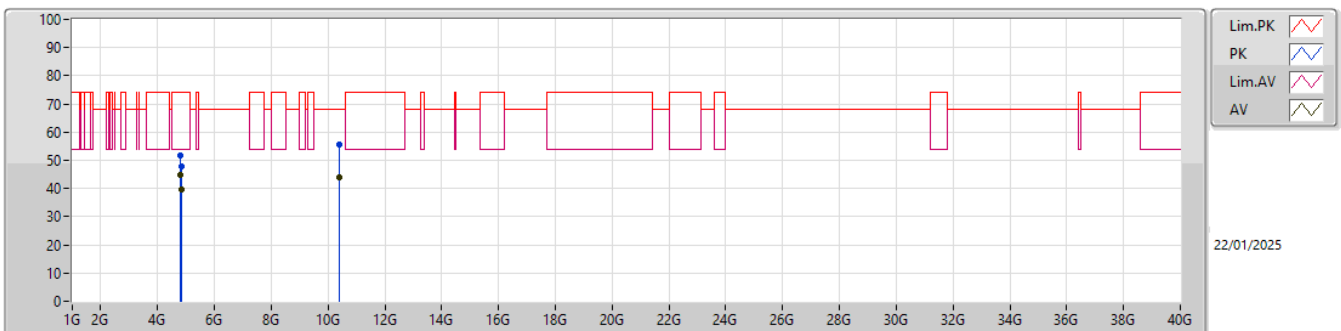
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.80404G	47.99	54.00	-6.01	3	Vertical	314	1.01
Mode 1	Pass	AV	4.82403G	37.85	54.00	-16.15	3	Vertical	0	2.50
Mode 1	Pass	AV	10.40033G	43.77	68.20	-24.43	3	Vertical	190	1.50
Mode 1	Pass	PK	4.80434G	54.19	74.00	-19.81	3	Vertical	314	1.01
Mode 1	Pass	PK	4.82403G	47.32	74.00	-26.68	3	Vertical	0	2.50
Mode 1	Pass	PK	10.40069G	56.23	68.20	-11.97	3	Vertical	190	1.50
Mode 1	Pass	AV	4.80397G	44.95	54.00	-9.05	3	Horizontal	32	1.00
Mode 1	Pass	AV	4.82394G	39.56	54.00	-14.44	3	Horizontal	302	1.05
Mode 1	Pass	AV	10.40035G	43.81	68.20	-24.39	3	Horizontal	360	2.62
Mode 1	Pass	PK	4.80464G	51.92	74.00	-22.08	3	Horizontal	32	1.00
Mode 1	Pass	PK	4.82402G	47.91	74.00	-26.09	3	Horizontal	302	1.05
Mode 1	Pass	PK	10.39989G	55.50	68.20	-12.70	3	Horizontal	360	2.62
Mode 2	Pass	AV	4.80394G	47.72	54.00	-6.28	3	Vertical	313	1.00
Mode 2	Pass	AV	4.82393G	37.70	54.00	-16.30	3	Vertical	0	2.51
Mode 2	Pass	AV	10.40049G	43.90	54.00	-10.10	3	Vertical	76	2.61
Mode 2	Pass	AV	10.46044G	44.15	54.00	-9.85	3	Vertical	355	1.50
Mode 2	Pass	PK	4.80456G	53.98	74.00	-20.02	3	Vertical	313	1.00
Mode 2	Pass	PK	4.82375G	47.82	74.00	-26.18	3	Vertical	0	2.51
Mode 2	Pass	PK	10.40023G	56.18	74.00	-17.82	3	Vertical	76	2.61
Mode 2	Pass	PK	10.46062G	56.94	74.00	-17.06	3	Vertical	355	1.50
Mode 2	Pass	AV	4.80404G	44.68	54.00	-9.32	3	Horizontal	34	1.00
Mode 2	Pass	AV	4.82406G	37.58	54.00	-16.42	3	Horizontal	0	1.20
Mode 2	Pass	AV	10.40026G	43.88	54.00	-10.12	3	Horizontal	325	2.44
Mode 2	Pass	AV	10.45981G	44.14	54.00	-9.86	3	Horizontal	247	1.69
Mode 2	Pass	PK	4.80348G	52.26	74.00	-21.74	3	Horizontal	34	1.00
Mode 2	Pass	PK	4.82418G	48.51	74.00	-25.49	3	Horizontal	0	1.20
Mode 2	Pass	PK	10.39904G	56.33	74.00	-17.67	3	Horizontal	325	2.44
Mode 2	Pass	PK	10.4595G	56.42	74.00	-17.58	3	Horizontal	247	1.69

Radiated Emissions above 1GHz_Mode 1



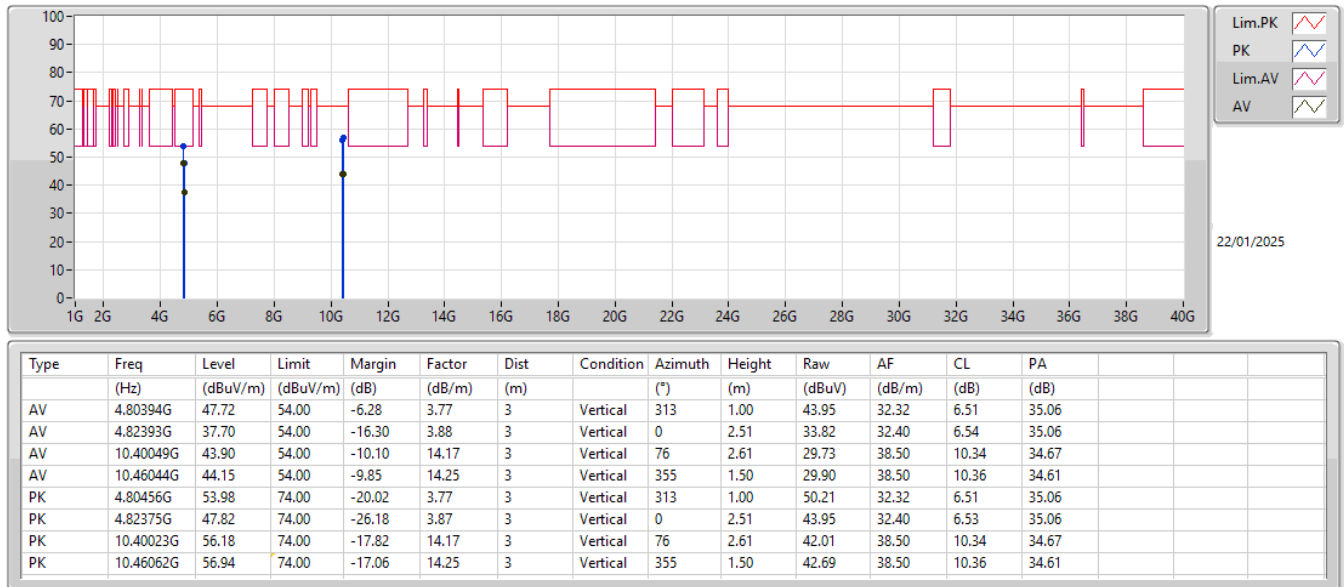
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80404G	47.99	54.00	-6.01	3.77	3	Vertical	314	1.01	44.22	32.32	6.51	35.06
AV	4.82403G	37.85	54.00	-16.15	3.88	3	Vertical	0	2.50	33.97	32.40	6.54	35.06
AV	10.40033G	43.77	68.20	-24.43	14.17	3	Vertical	190	1.50	29.60	38.50	10.34	34.67
PK	4.80434G	54.19	74.00	-19.81	3.77	3	Vertical	314	1.01	50.42	32.32	6.51	35.06
PK	4.82403G	47.32	74.00	-26.68	3.88	3	Vertical	0	2.50	43.44	32.40	6.54	35.06
PK	10.40069G	56.23	68.20	-11.97	14.17	3	Vertical	190	1.50	42.06	38.50	10.34	34.67

Radiated Emissions above 1GHz_Mode 1

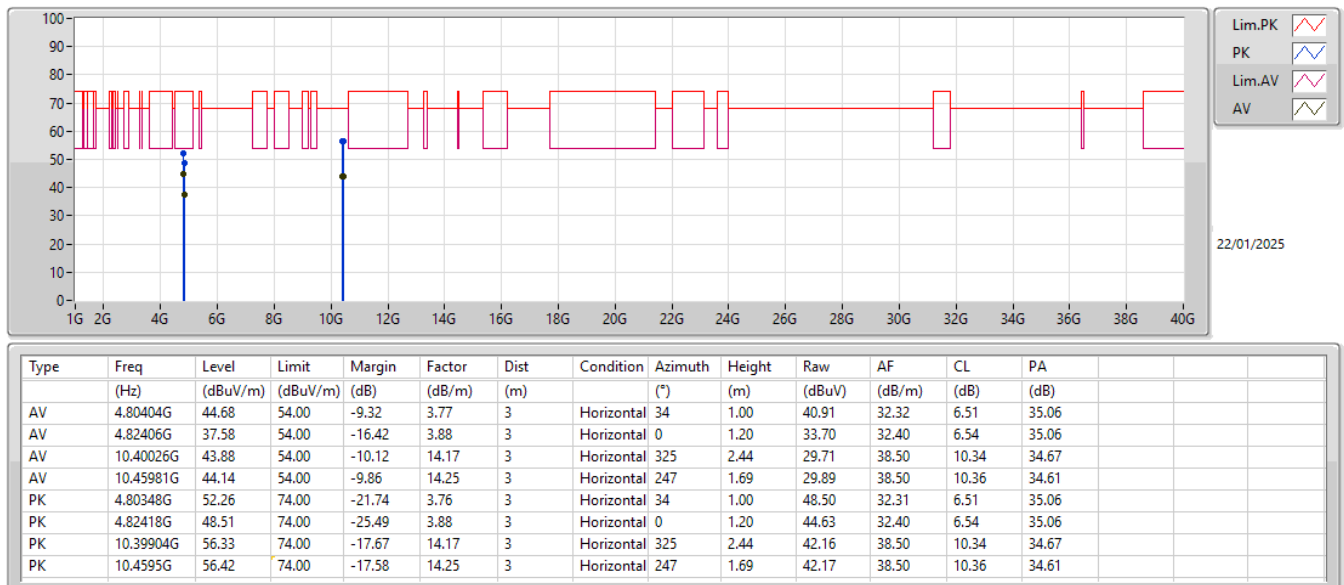


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80397G	44.95	54.00	-9.05	3.77	3	Horizontal	32	1.00	41.18	32.32	6.51	35.06
AV	4.82394G	39.56	54.00	-14.44	3.88	3	Horizontal	302	1.05	35.68	32.40	6.54	35.06
AV	10.40035G	43.81	68.20	-24.39	14.17	3	Horizontal	360	2.62	29.64	38.50	10.34	34.67
PK	4.80464G	51.92	74.00	-22.08	3.77	3	Horizontal	32	1.00	48.15	32.32	6.51	35.06
PK	4.82402G	47.91	74.00	-26.09	3.88	3	Horizontal	302	1.05	44.03	32.40	6.54	35.06
PK	10.39989G	55.50	68.20	-12.70	14.17	3	Horizontal	360	2.62	41.33	38.50	10.34	34.67

Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2





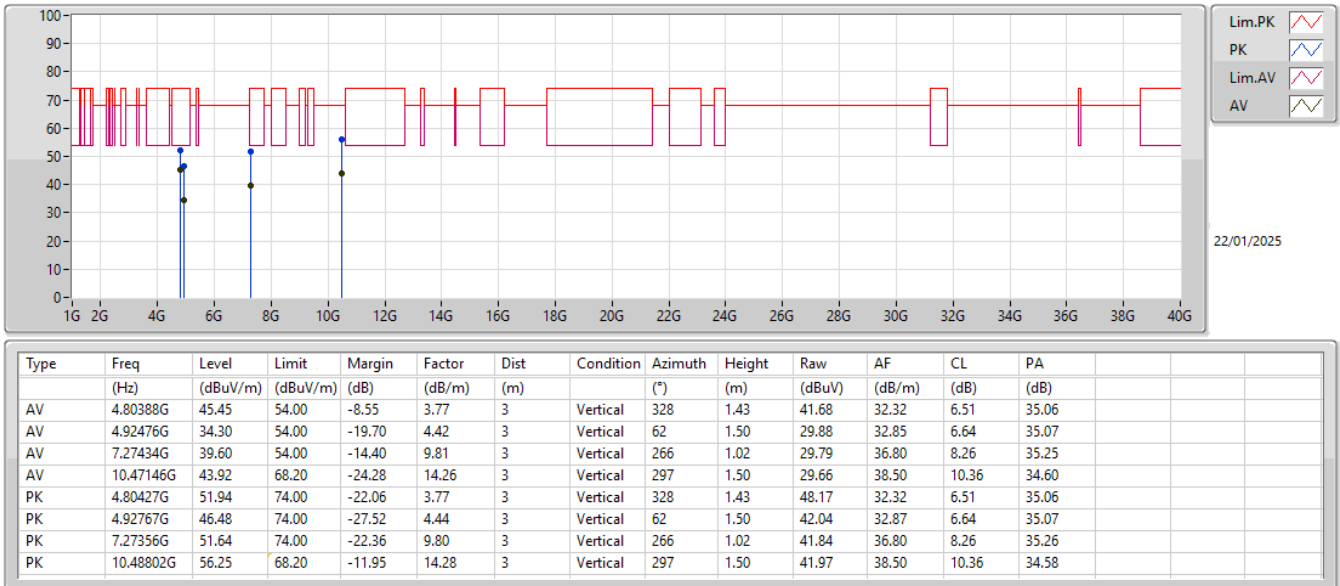
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.80388G	45.45	54.00	-8.55	Vertical
Mode 2	Pass	AV	15.58563G	47.19	54.00	-6.81	Vertical

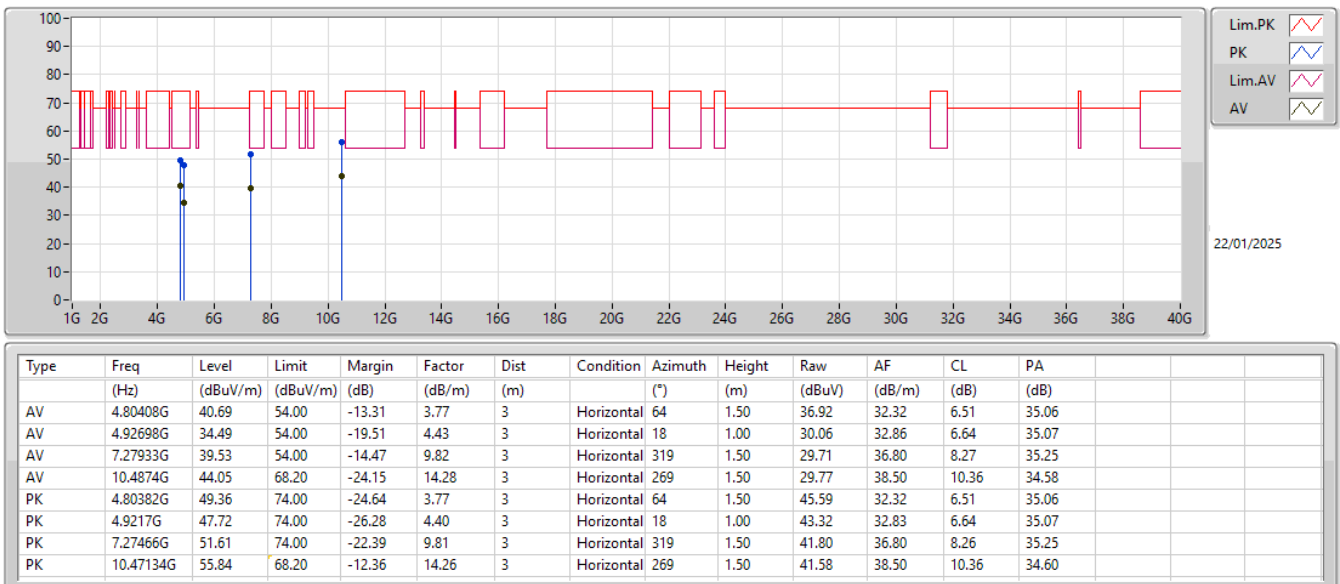
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.80388G	45.45	54.00	-8.55	3	Vertical	328	1.43
Mode 1	Pass	AV	4.92476G	34.30	54.00	-19.70	3	Vertical	62	1.50
Mode 1	Pass	AV	7.27434G	39.60	54.00	-14.40	3	Vertical	266	1.02
Mode 1	Pass	AV	10.47146G	43.92	68.20	-24.28	3	Vertical	297	1.50
Mode 1	Pass	PK	4.80427G	51.94	74.00	-22.06	3	Vertical	328	1.43
Mode 1	Pass	PK	4.92767G	46.48	74.00	-27.52	3	Vertical	62	1.50
Mode 1	Pass	PK	7.27356G	51.64	74.00	-22.36	3	Vertical	266	1.02
Mode 1	Pass	PK	10.48802G	56.25	68.20	-11.95	3	Vertical	297	1.50
Mode 1	Pass	AV	4.80408G	40.69	54.00	-13.31	3	Horizontal	64	1.50
Mode 1	Pass	AV	4.92698G	34.49	54.00	-19.51	3	Horizontal	18	1.00
Mode 1	Pass	AV	7.27933G	39.53	54.00	-14.47	3	Horizontal	319	1.50
Mode 1	Pass	AV	10.4874G	44.05	68.20	-24.15	3	Horizontal	269	1.50
Mode 1	Pass	PK	4.80382G	49.36	74.00	-24.64	3	Horizontal	64	1.50
Mode 1	Pass	PK	4.9217G	47.72	74.00	-26.28	3	Horizontal	18	1.00
Mode 1	Pass	PK	7.27466G	51.61	74.00	-22.39	3	Horizontal	319	1.50
Mode 1	Pass	PK	10.47134G	55.84	68.20	-12.36	3	Horizontal	269	1.50
Mode 2	Pass	AV	4.80407G	46.06	54.00	-7.94	3	Vertical	72	1.09
Mode 2	Pass	AV	7.28034G	39.62	54.00	-14.38	3	Vertical	16	1.05
Mode 2	Pass	AV	10.48549G	44.14	68.20	-24.06	3	Vertical	262	2.98
Mode 2	Pass	AV	15.58563G	47.19	54.00	-6.81	3	Vertical	31	3.00
Mode 2	Pass	PK	4.8043G	52.73	74.00	-21.27	3	Vertical	72	1.09
Mode 2	Pass	PK	7.27188G	51.59	74.00	-22.41	3	Vertical	16	1.05
Mode 2	Pass	PK	10.4848G	56.72	68.20	-11.48	3	Vertical	262	2.98
Mode 2	Pass	PK	15.58683G	58.94	74.00	-15.06	3	Vertical	31	3.00
Mode 2	Pass	AV	4.80413G	40.42	54.00	-13.58	3	Horizontal	65	1.59
Mode 2	Pass	AV	7.27848G	39.44	54.00	-14.56	3	Horizontal	334	2.99
Mode 2	Pass	AV	10.46953G	44.12	68.20	-24.08	3	Horizontal	261	1.50
Mode 2	Pass	AV	15.60279G	47.16	54.00	-6.84	3	Horizontal	7	2.62
Mode 2	Pass	PK	4.80437G	49.40	74.00	-24.60	3	Horizontal	65	1.59
Mode 2	Pass	PK	7.26822G	51.61	74.00	-22.39	3	Horizontal	334	2.99
Mode 2	Pass	PK	10.4704G	57.46	68.20	-10.74	3	Horizontal	261	1.50
Mode 2	Pass	PK	15.58506G	59.40	74.00	-14.60	3	Horizontal	7	2.62

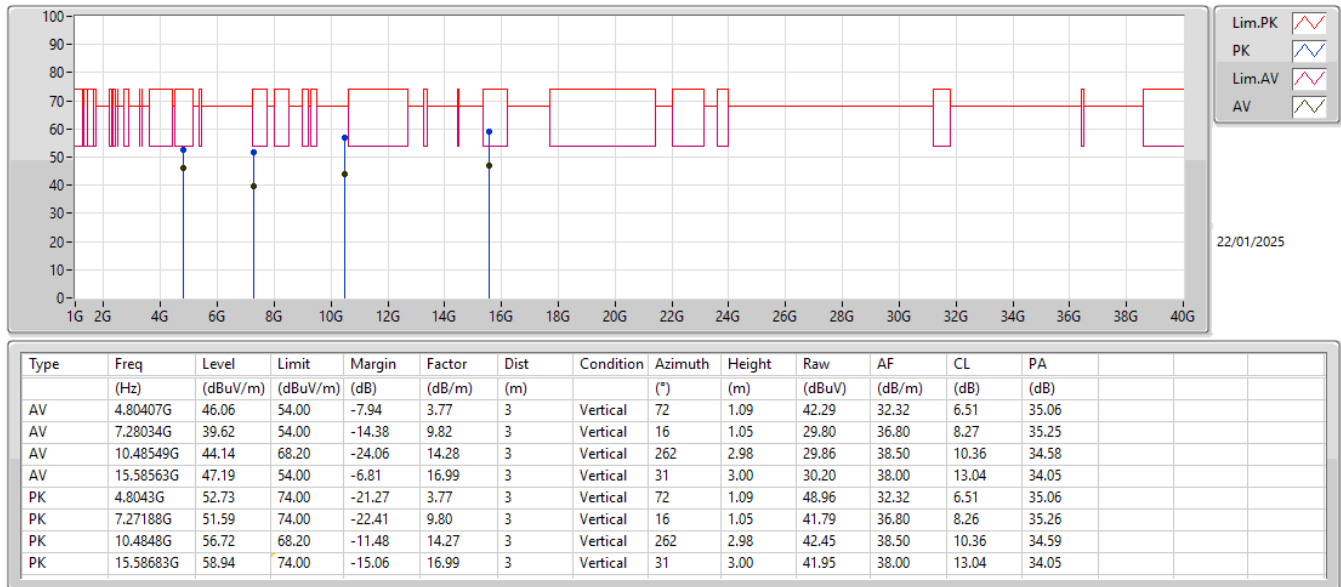
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

