

FCC Radio Test Report

FCC ID : TOR-C430
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-430E
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 Dec. 11, 2024, and testing was started from Jan. 10, 2025 and completed on Jan. 24, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	9
2 TEST CONFIGURATION OF EUT.....	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration.....	13
2.3 Accessories	14
2.4 Support Equipment.....	14
2.5 Test Setup Diagram	15
3 TRANSMITTER TEST RESULT	16
3.1 AC Power-line Conducted Emissions	16
3.2 DTS Bandwidth.....	18
3.3 Maximum Conducted Output Power	19
3.4 Power Spectral Density	21
3.5 Emissions in Non-restricted Frequency Bands	22
3.6 Emissions in Restricted Frequency Bands.....	23
4 TEST EQUIPMENT AND CALIBRATION DATA.....	27
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
FR4N1424-03AC	01	Initial issue of report	Jun. 25, 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: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20), be(EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax(HEW40), be(EHT40)	2422-2452	3-9 [7]

Non-Beamforming_Radio 0

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX
2.4-2.4835GHz	802.11be EHT40	40	2TX

Non-Beamforming_Radio 1

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX
2.4-2.4835GHz	802.11be EHT40	40	2TX

Beamforming_Radio 0

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

Beamforming_Radio 1

Band	Mode	BWch (MHz)	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

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510225-A	Dipole	Reverse SMA	6G	Radio 2
2	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G	Radio 1+Radio 2
3	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G	Radio 1+Radio 2
4	WHAYU	C393-510225-A	Dipole	Reverse SMA	6G	Radio 2
5	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6G	Radio 0
6	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6G	Radio 0
7	WHAYU	C393-510335-A	Dipole	I-Pex	BT	-
8	WHAYU	C393-510335-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	-	-	-	-	-	5.1	5.1	5.1	5.1	-	-
2	1	5	5.8	5.8	5.8	5.8	-	-	-	-	-	-
3	2	6	5.4	5.4	5.4	5.4	-	-	-	-	-	-
4	2	-	-	-	-	-	5.4	5.4	5.4	5.4	-	-
5	1	4.7	6.7	6.7	6.7	6.7	6	6	6	6	-	-
6	2	5.4	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	-	-
7	1	-	-	-	-	-	-	-	-	-	5.6	-
8	1	-	-	-	-	-	-	-	-	-	-	3.4

Note 1: 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. 5 (port 1) and Ant. 6 (port 2) could transmit/receive simultaneously.

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

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

For 5GHz function:

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

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

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

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

For 6GHz function:

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

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

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

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

For BT function:

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

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

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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / 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 Mode Test Duty Cycle

Non-Beamforming_Radio 0

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

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

Non-Beamforming_Radio 1

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

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

Beamforming_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

Beamforming_Radio 1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR4N1424AC

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

Modifications	Performance Checking
Model name was added. (C-430E) (Wi-Fi Antenna change to External Antenna)	All test items

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 594280 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	22.1~23.6°C / 53~58%	23/Jan/2025~24/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	22.1~22.5°C / 55~59%	15/Jan/2025
Radiated	03CH25-HY	Rian Chung	18.2~21.1°C / 52~55%	10/Jan/2025~12/Jan/2025
Radiated (Co-location)	03CH25-HY	Rian Chung	18.6~20.9°C / 52~54%	17/Jan/2025

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	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	qdart_conn.win.1.0_installer_00099
------------------------------	------------------------------------

Non-Beamforming_Radio 0

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**

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**

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

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	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	Radio 1 + Radio 2 (5GHz) + Radio 0 (2.4GHz) + Bluetooth
2	Radio 1 + Radio 2 (5GHz) + Radio 0 (5GHz) + Bluetooth
Refer to Sporton Test Report No.: FA4N1424-03 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories					
Ceiling	Brand Name	ARISTA	Model Name	MNP-AP-15MM	

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

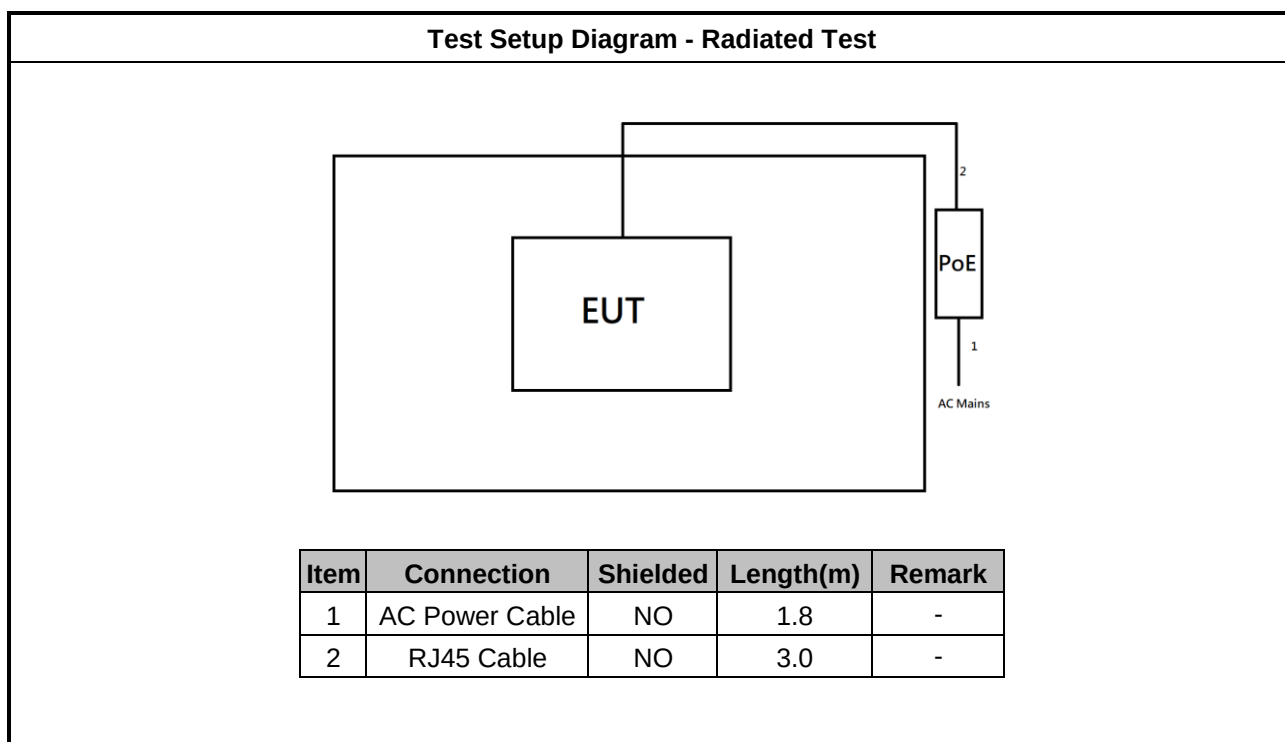
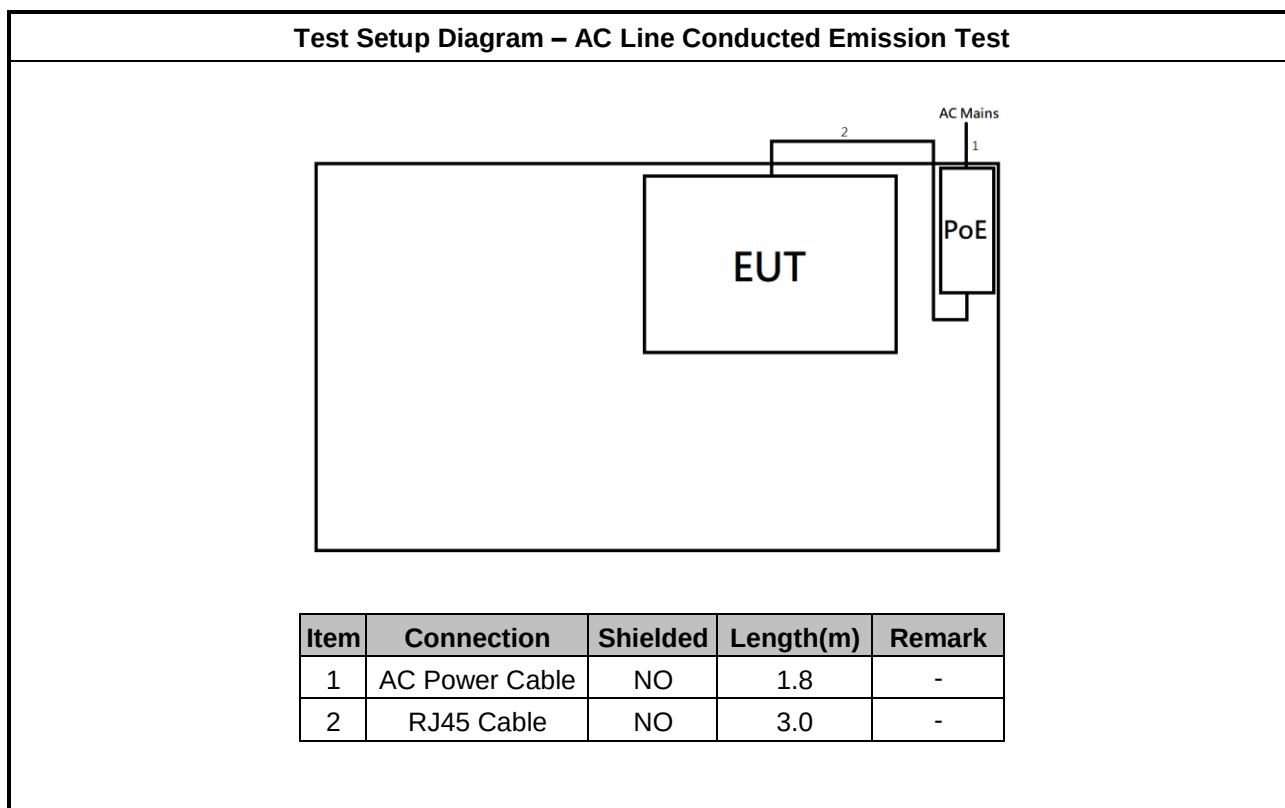
2.4 Support Equipment

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

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN POWER DEVICES	WA-48B12R	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	PoE (Remote)	PHIHONG	POE60U-1BT-X	-	-
3	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



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

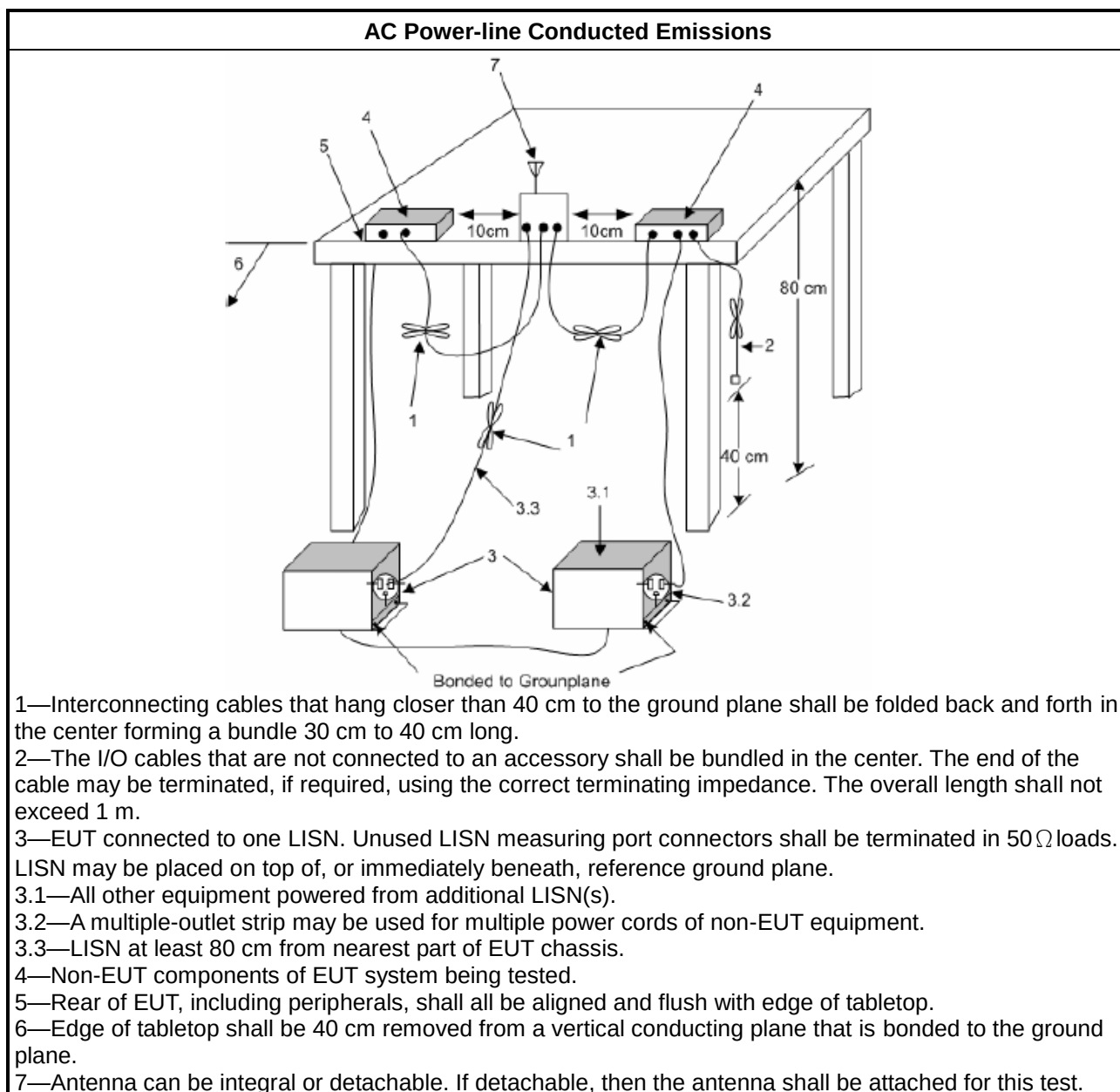
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

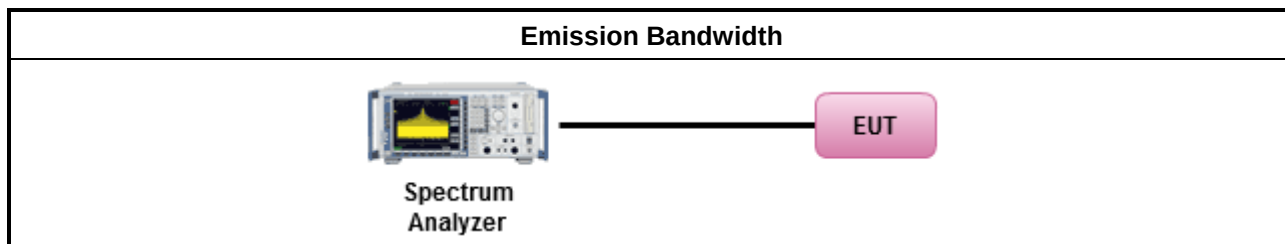
3.2.2 Measuring Instruments

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.	

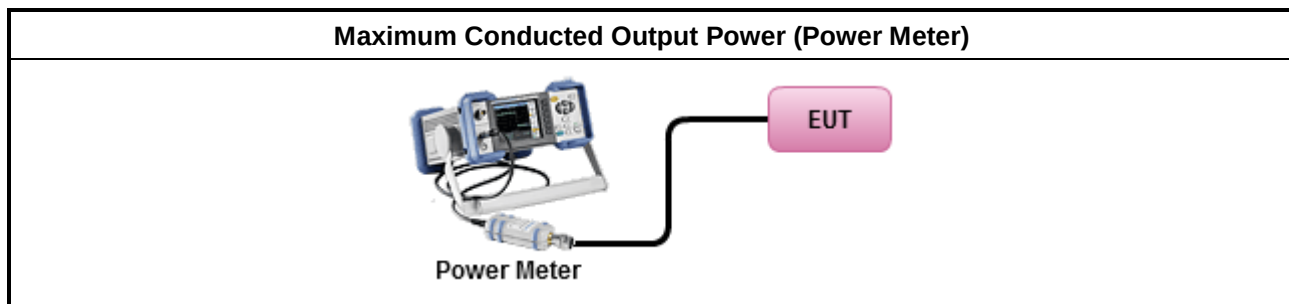
3.3.2 Measuring Instruments

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

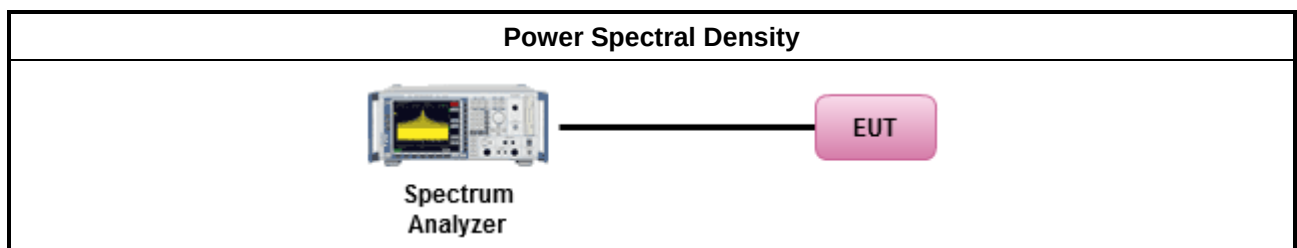
3.4.2 Measuring Instruments

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.	

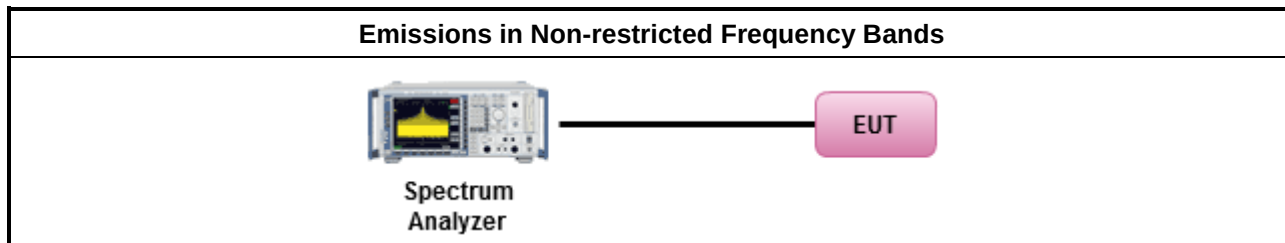
3.5.2 Measuring Instruments

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

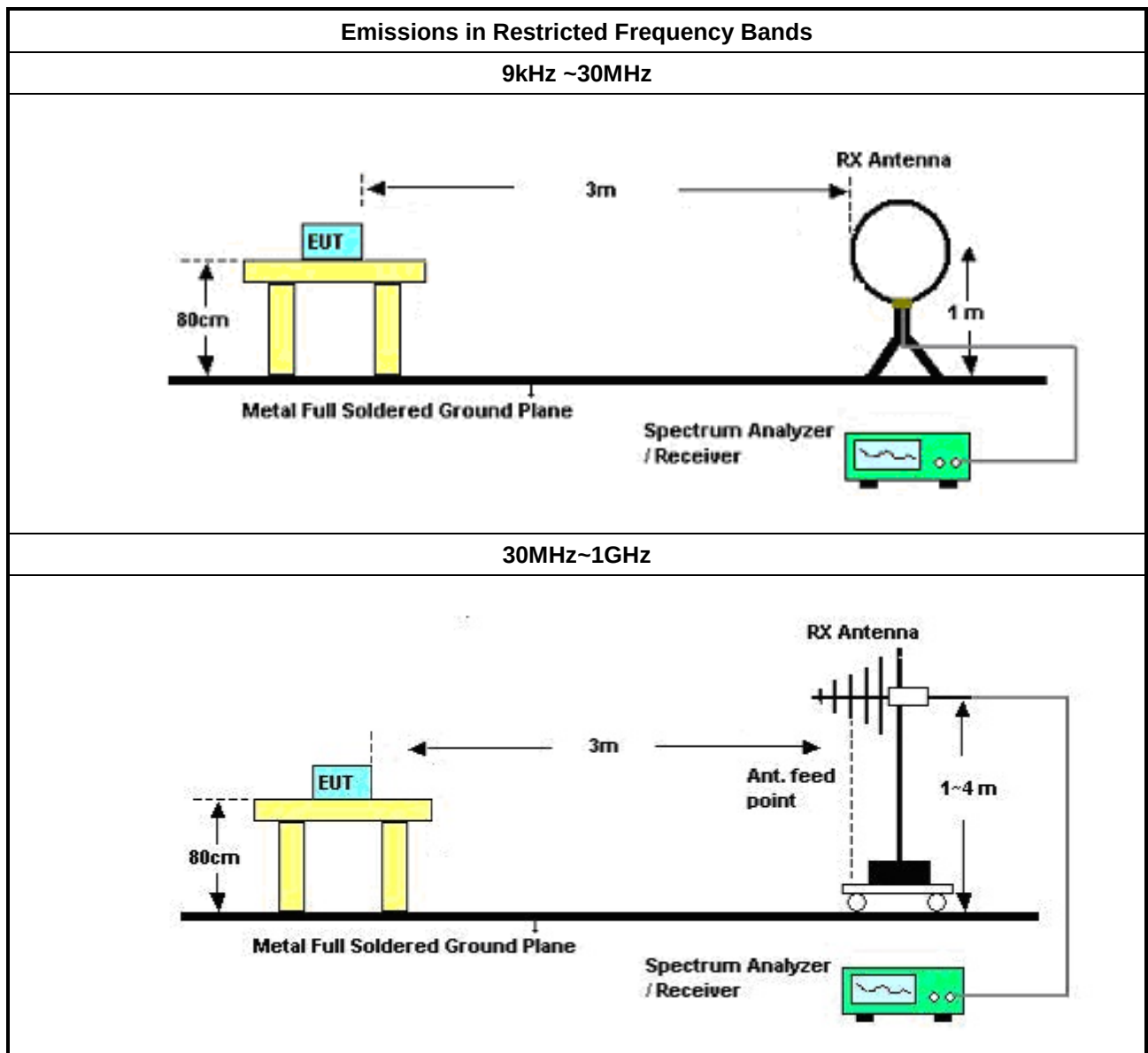
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

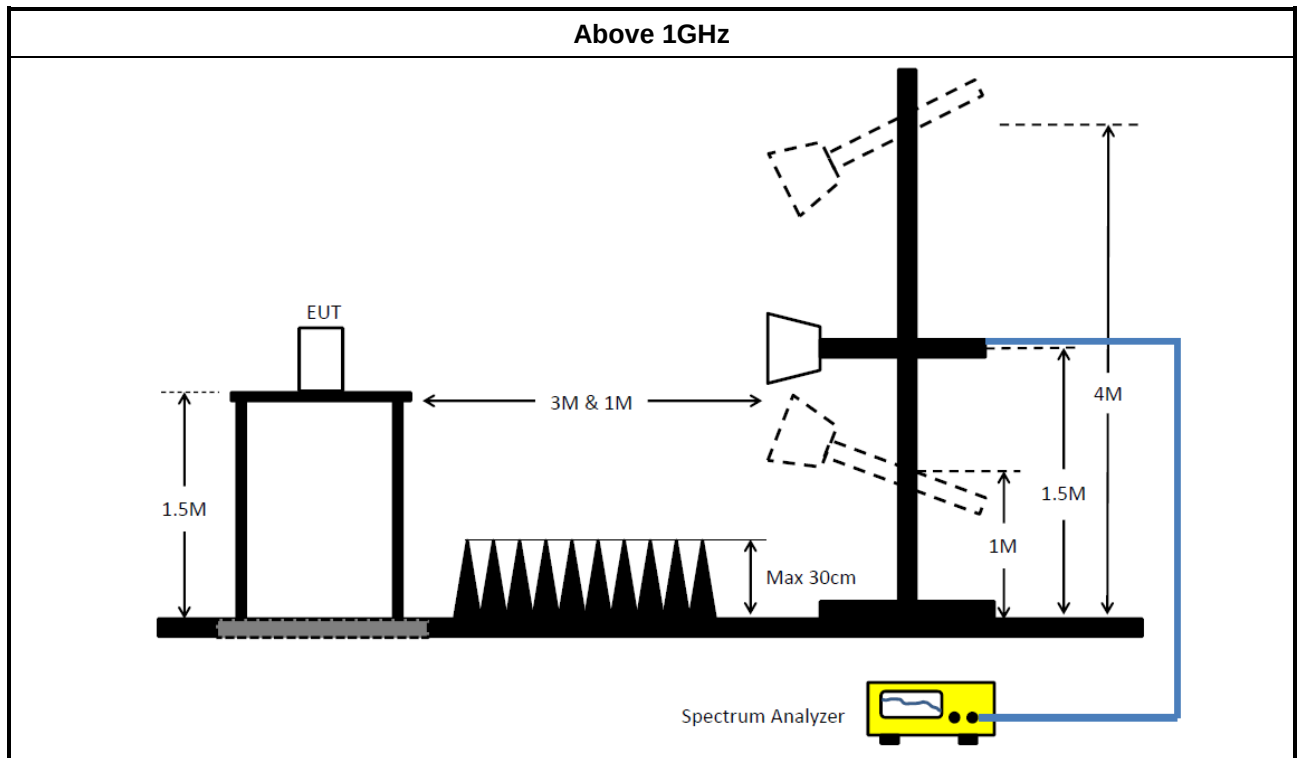
3.6.4 Measurement Results Calculation

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

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)**

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 (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/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	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/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-EMI	Sporton	V5.11.9	NA	NA	NA	NA



Conducted Emissions at Powerline_Radio 0

Appendix A.1

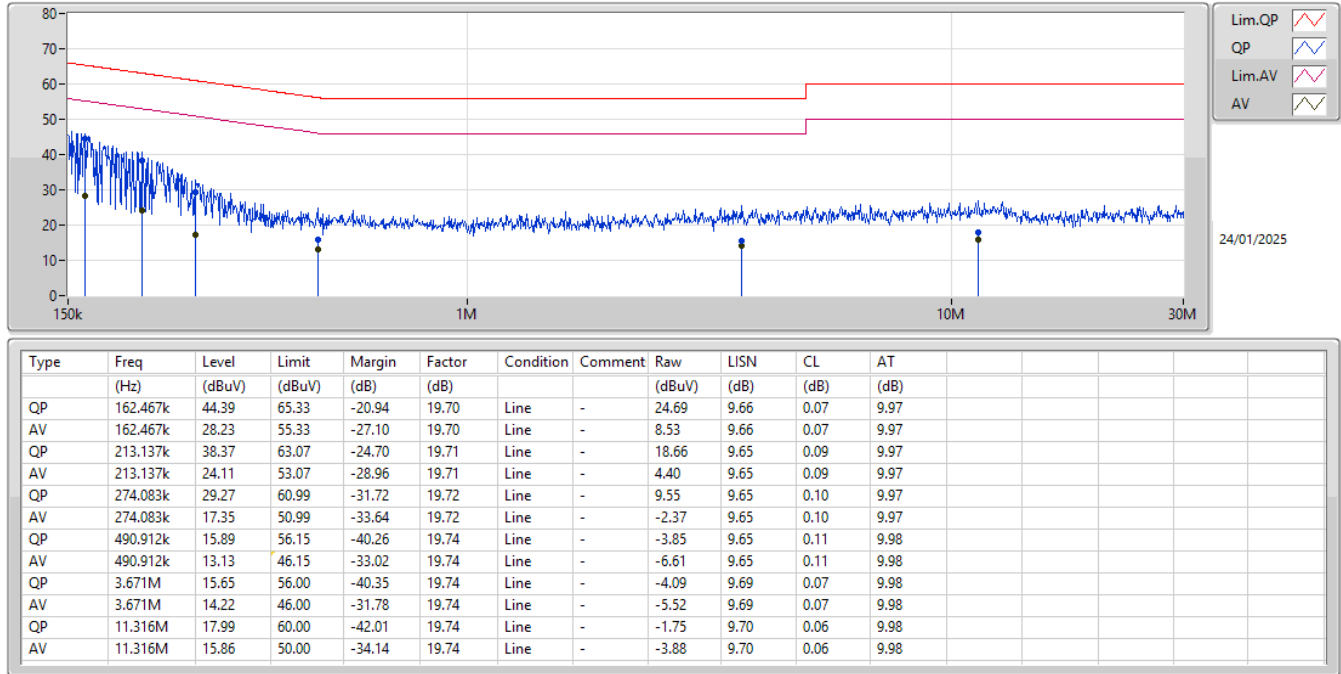
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	161.175k	45.24	65.41	-20.17	Neutral

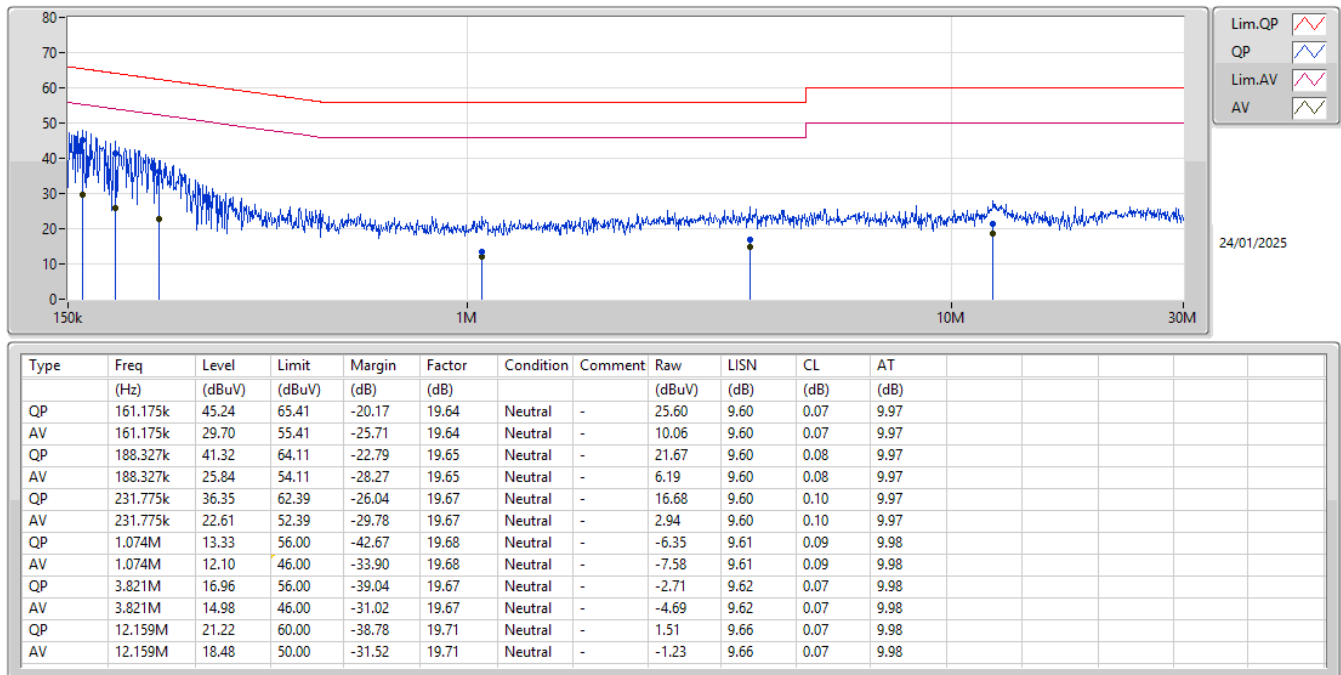
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	162.467k	44.39	65.33	-20.94	Line
Mode 1	Pass	AV	162.467k	28.23	55.33	-27.10	Line
Mode 1	Pass	QP	213.137k	38.37	63.07	-24.70	Line
Mode 1	Pass	AV	213.137k	24.11	53.07	-28.96	Line
Mode 1	Pass	QP	274.083k	29.27	60.99	-31.72	Line
Mode 1	Pass	AV	274.083k	17.35	50.99	-33.64	Line
Mode 1	Pass	QP	490.912k	15.89	56.15	-40.26	Line
Mode 1	Pass	AV	490.912k	13.13	46.15	-33.02	Line
Mode 1	Pass	QP	3.671M	15.65	56.00	-40.35	Line
Mode 1	Pass	AV	3.671M	14.22	46.00	-31.78	Line
Mode 1	Pass	QP	11.316M	17.99	60.00	-42.01	Line
Mode 1	Pass	AV	11.316M	15.86	50.00	-34.14	Line
Mode 1	Pass	QP	161.175k	45.24	65.41	-20.17	Neutral
Mode 1	Pass	AV	161.175k	29.70	55.41	-25.71	Neutral
Mode 1	Pass	QP	188.327k	41.32	64.11	-22.79	Neutral
Mode 1	Pass	AV	188.327k	25.84	54.11	-28.27	Neutral
Mode 1	Pass	QP	231.775k	36.35	62.39	-26.04	Neutral
Mode 1	Pass	AV	231.775k	22.61	52.39	-29.78	Neutral
Mode 1	Pass	QP	1.074M	13.33	56.00	-42.67	Neutral
Mode 1	Pass	AV	1.074M	12.10	46.00	-33.90	Neutral
Mode 1	Pass	QP	3.821M	16.96	56.00	-39.04	Neutral
Mode 1	Pass	AV	3.821M	14.98	46.00	-31.02	Neutral
Mode 1	Pass	QP	12.159M	21.22	60.00	-38.78	Neutral
Mode 1	Pass	AV	12.159M	18.48	50.00	-31.52	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Radio 1

Appendix A.2

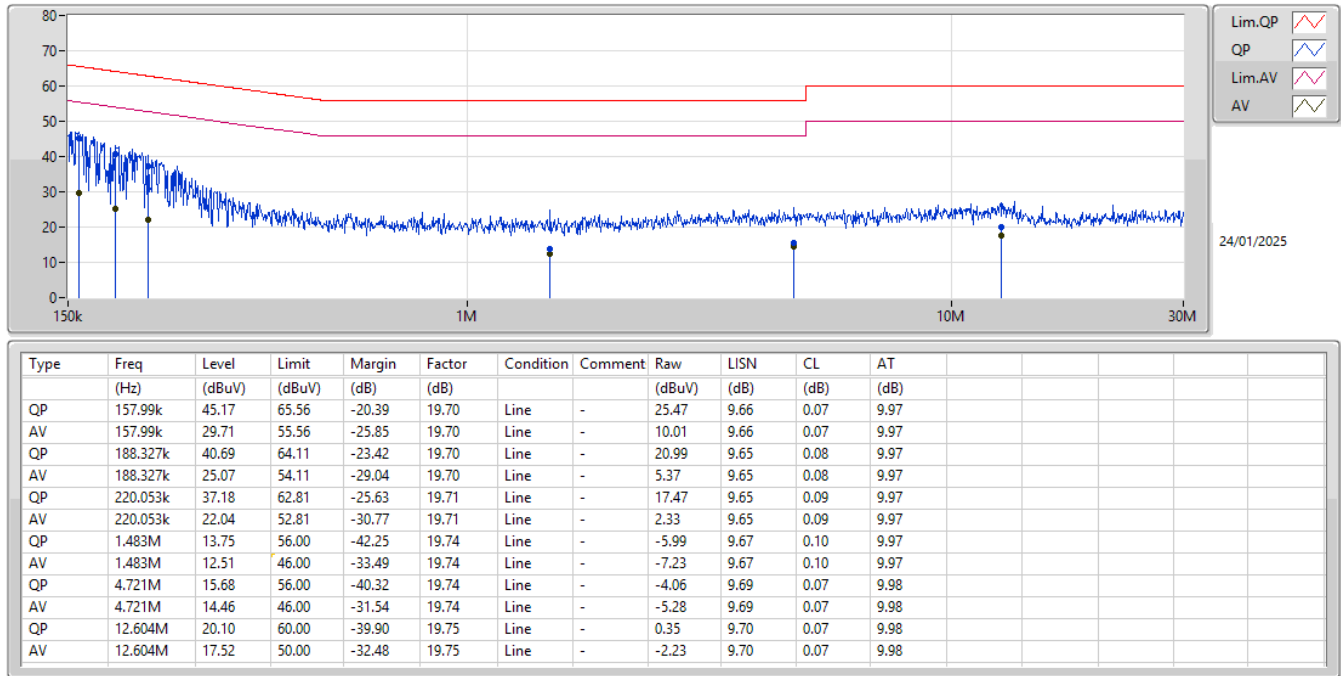
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.99k	45.17	65.56	-20.39	Line

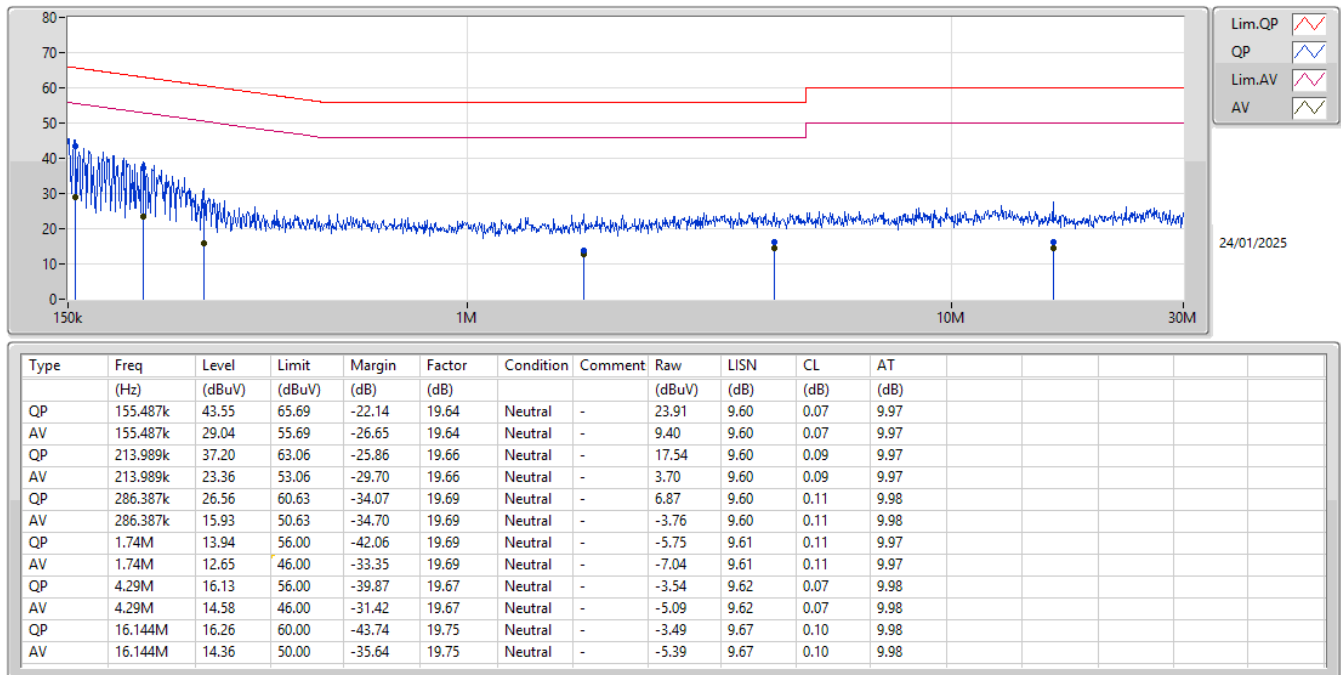
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.99k	45.17	65.56	-20.39	Line
Mode 1	Pass	AV	157.99k	29.71	55.56	-25.85	Line
Mode 1	Pass	QP	188.327k	40.69	64.11	-23.42	Line
Mode 1	Pass	AV	188.327k	25.07	54.11	-29.04	Line
Mode 1	Pass	QP	220.053k	37.18	62.81	-25.63	Line
Mode 1	Pass	AV	220.053k	22.04	52.81	-30.77	Line
Mode 1	Pass	QP	1.483M	13.75	56.00	-42.25	Line
Mode 1	Pass	AV	1.483M	12.51	46.00	-33.49	Line
Mode 1	Pass	QP	4.721M	15.68	56.00	-40.32	Line
Mode 1	Pass	AV	4.721M	14.46	46.00	-31.54	Line
Mode 1	Pass	QP	12.604M	20.10	60.00	-39.90	Line
Mode 1	Pass	AV	12.604M	17.52	50.00	-32.48	Line
Mode 1	Pass	QP	155.487k	43.55	65.69	-22.14	Neutral
Mode 1	Pass	AV	155.487k	29.04	55.69	-26.65	Neutral
Mode 1	Pass	QP	213.989k	37.20	63.06	-25.86	Neutral
Mode 1	Pass	AV	213.989k	23.36	53.06	-29.70	Neutral
Mode 1	Pass	QP	286.387k	26.56	60.63	-34.07	Neutral
Mode 1	Pass	AV	286.387k	15.93	50.63	-34.70	Neutral
Mode 1	Pass	QP	1.74M	13.94	56.00	-42.06	Neutral
Mode 1	Pass	AV	1.74M	12.65	46.00	-33.35	Neutral
Mode 1	Pass	QP	4.29M	16.13	56.00	-39.87	Neutral
Mode 1	Pass	AV	4.29M	14.58	46.00	-31.42	Neutral
Mode 1	Pass	QP	16.144M	16.26	60.00	-43.74	Neutral
Mode 1	Pass	AV	16.144M	14.36	50.00	-35.64	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	8.05M	13.073M	13M1G1D	6.7M	12.954M
802.11g_Nss1,(6Mbps)_2TX	16.5M	16.69M	16M7D1D	16.325M	16.58M
802.11be EHT20_Nss1,(MCS0)_2TX	19.15M	19.115M	19M1D1D	19.075M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	38.2M	38.081M	38M1D1D	14.95M	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	7.1M	13.028M	8.05M	13.073M
2437MHz	Pass	500k	7.1M	13.028M	7.725M	13.043M
2462MHz	Pass	500k	6.7M	12.999M	7.575M	12.954M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.45M	16.646M	16.325M	16.69M
2437MHz	Pass	500k	16.5M	16.602M	16.475M	16.624M
2462MHz	Pass	500k	16.45M	16.58M	16.4M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.125M	18.941M	19.15M	19.04M
2437MHz	Pass	500k	19.075M	19.04M	19.1M	19.015M
2462MHz	Pass	500k	19.15M	19.115M	19.1M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	38M	37.931M	38M	37.931M
2437MHz	Pass	500k	38.2M	38.081M	14.95M	37.931M
2452MHz	Pass	500k	37.85M	37.881M	38.05M	37.781M

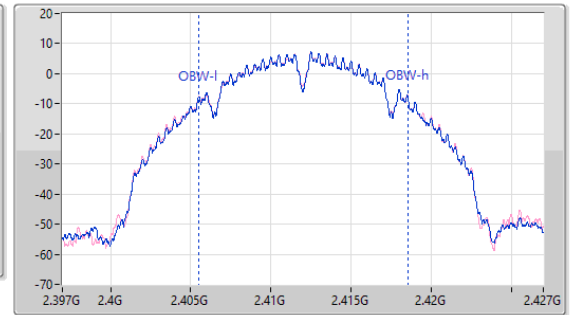
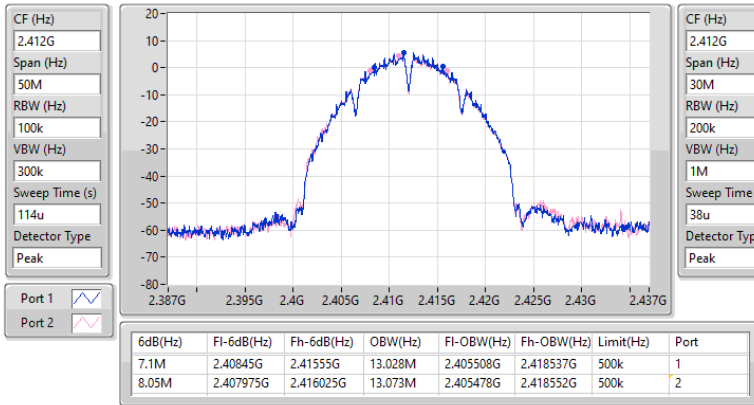
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

15/01/2025

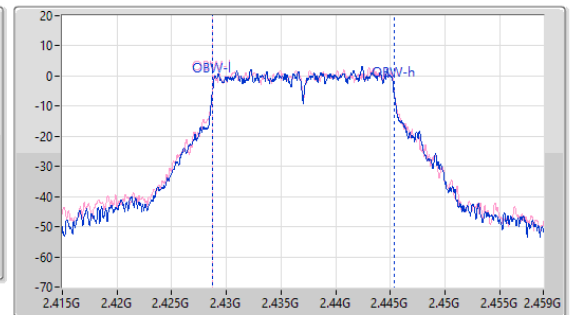
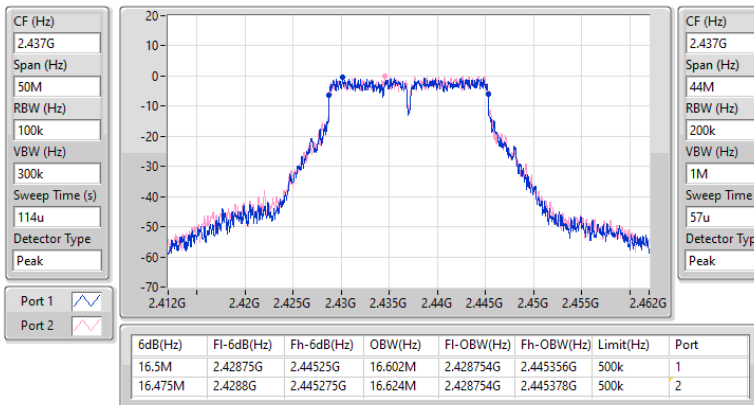


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

15/01/2025

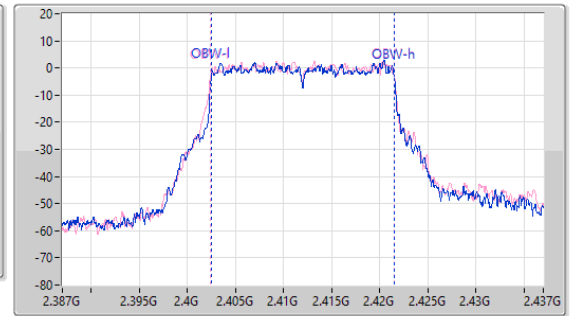
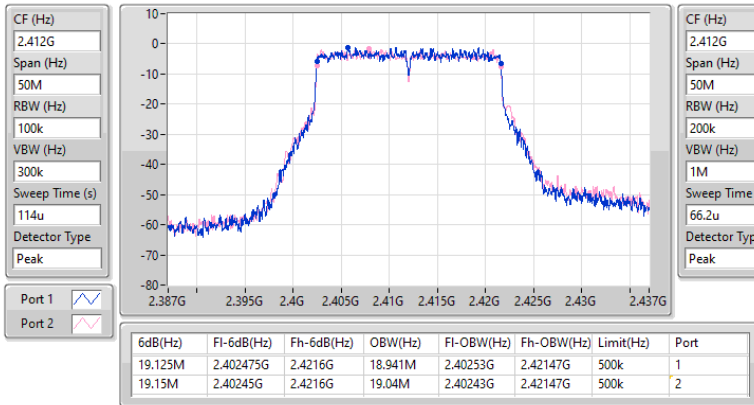


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

15/01/2025

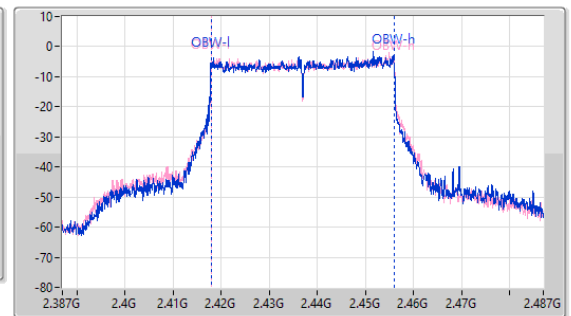
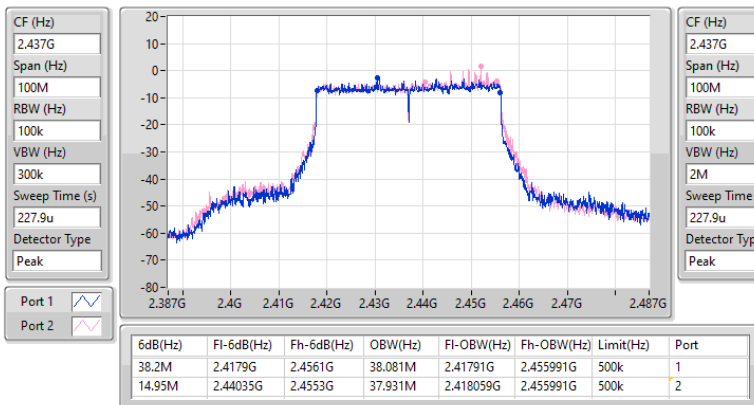


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

15/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.6M	12.999M	13M0G1D	7.1M	12.849M
802.11g_Nss1,(6Mbps)_2TX	14.6M	16.558M	16M6D1D	11.325M	16.382M
802.11be EHT20_Nss1,(MCS0)_2TX	18.525M	18.916M	18M9D1D	10.025M	18.666M
802.11be EHT40_Nss1,(MCS0)_2TX	37.8M	37.681M	37M7D1D	32.75M	37.481M

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	7.575M	12.924M	7.1M	12.969M
2437MHz	Pass	500k	7.6M	12.924M	7.55M	12.999M
2462MHz	Pass	500k	7.525M	12.939M	7.425M	12.849M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.4M	16.448M	11.35M	16.492M
2437MHz	Pass	500k	11.325M	16.492M	14.6M	16.404M
2462MHz	Pass	500k	11.925M	16.382M	12.95M	16.558M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.6M	18.891M	10.15M	18.766M
2437MHz	Pass	500k	18.525M	18.891M	16.85M	18.916M
2462MHz	Pass	500k	14.925M	18.841M	10.025M	18.666M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.4M	37.531M	34.25M	37.631M
2437MHz	Pass	500k	32.75M	37.681M	36.2M	37.481M
2452MHz	Pass	500k	37.8M	37.581M	37.05M	37.681M

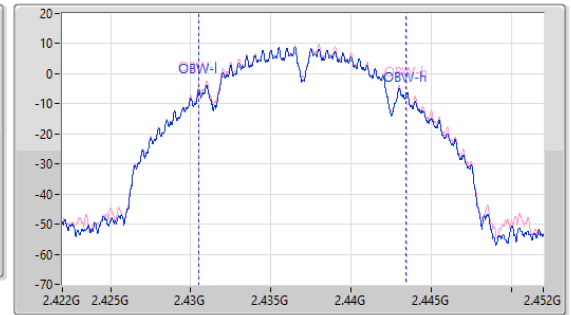
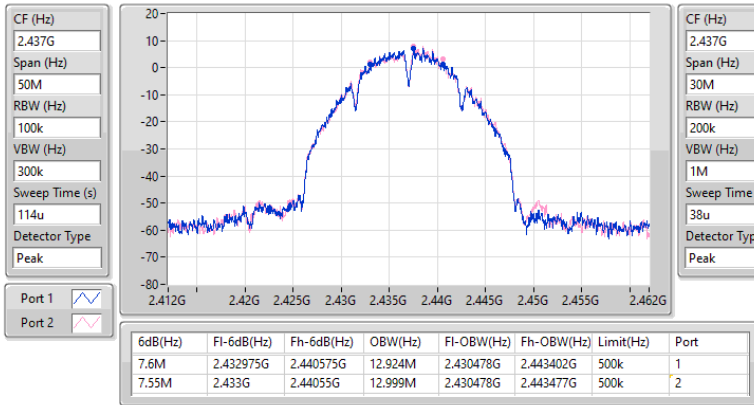
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

15/01/2025

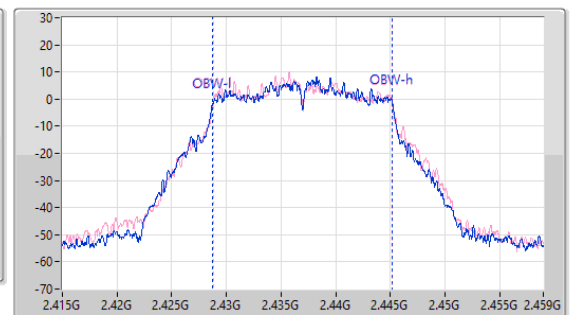
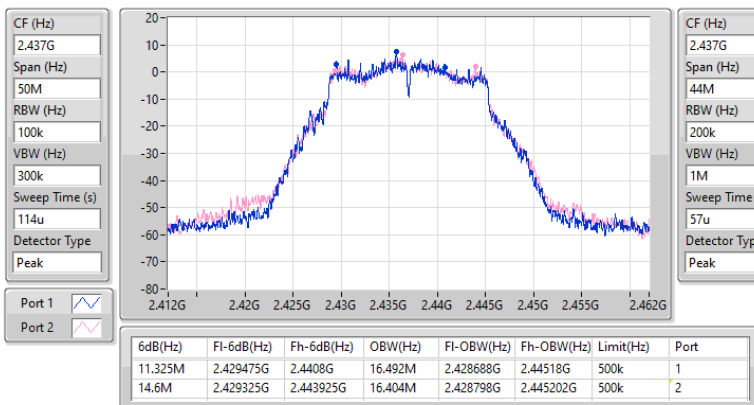


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

15/01/2025

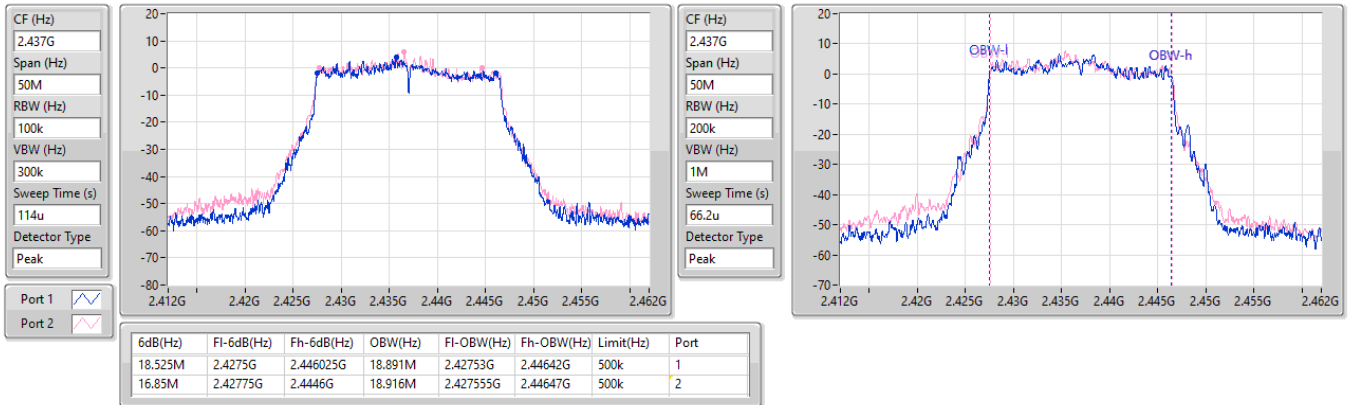


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

15/01/2025

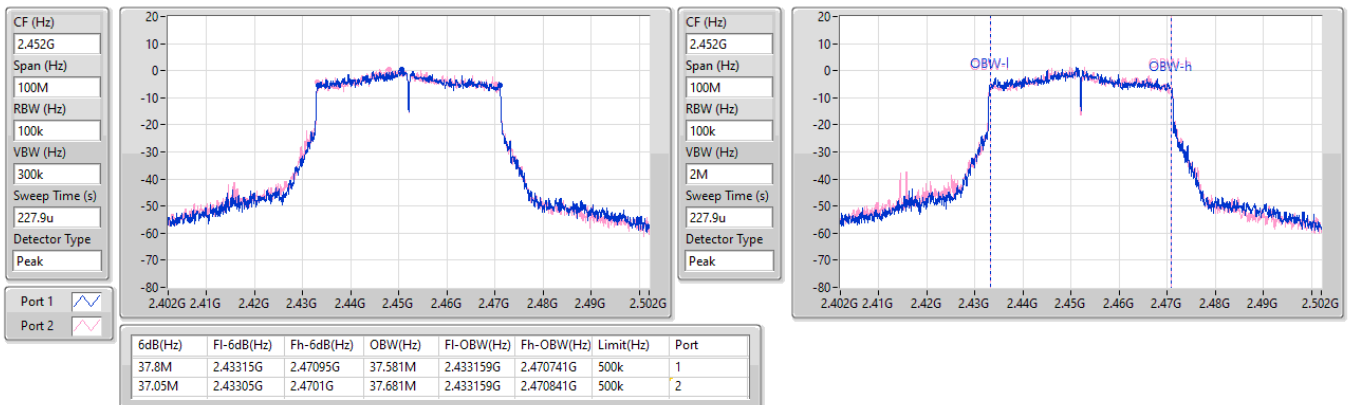


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

15/01/2025





Average Power_Non-Beamforming_Radio 0

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	18.19	0.06592
802.11g_Nss1,(6Mbps)_2TX	17.36	0.05445
802.11be EHT20_Nss1,(MCS0)_2TX	17.37	0.05458
802.11be EHT40_Nss1,(MCS0)_2TX	17.58	0.05728



Average Power_Non-Beamforming_Radio 0

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.40	14.98	15.18	18.09	30.00
2437MHz	Pass	5.40	14.93	15.21	18.08	30.00
2462MHz	Pass	5.40	14.89	15.45	18.19	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.40	14.20	14.42	17.32	30.00
2437MHz	Pass	5.40	14.21	14.49	17.36	30.00
2462MHz	Pass	5.40	14.05	14.62	17.35	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.40	14.18	14.40	17.30	30.00
2437MHz	Pass	5.40	14.21	14.51	17.37	30.00
2462MHz	Pass	5.40	14.04	14.62	17.35	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.40	14.26	14.69	17.49	30.00
2437MHz	Pass	5.40	14.40	14.73	17.58	30.00
2452MHz	Pass	5.40	14.04	14.41	17.24	30.00

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



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	20.20	0.10471
802.11g_Nss1,(6Mbps)_2TX	20.00	0.10000
802.11be EHT20_Nss1,(MCS0)_2TX	20.15	0.10351
802.11be EHT40_Nss1,(MCS0)_2TX	20.36	0.10864



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.00	16.89	17.36	20.14	30.00
2437MHz	Pass	6.00	16.93	17.43	20.20	30.00
2462MHz	Pass	6.00	16.81	16.97	19.90	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.00	16.58	17.12	19.87	30.00
2437MHz	Pass	6.00	16.83	17.14	20.00	30.00
2462MHz	Pass	6.00	16.62	16.74	19.69	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.00	16.82	17.19	20.02	30.00
2437MHz	Pass	6.00	16.98	17.30	20.15	30.00
2462MHz	Pass	6.00	16.30	16.41	19.37	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.00	16.76	17.07	19.93	30.00
2437MHz	Pass	6.00	17.17	17.53	20.36	30.00
2452MHz	Pass	6.00	17.13	17.22	20.19	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	17.37	0.05458
802.11be EHT40-BF_Nss1,(MCS0)_2TX	17.58	0.05728



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	8.07	14.18	14.40	17.30	27.93
2437MHz	Pass	8.07	14.21	14.51	17.37	27.93
2462MHz	Pass	8.07	14.04	14.62	17.35	27.93
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.07	14.26	14.69	17.49	27.93
2437MHz	Pass	8.07	14.40	14.73	17.58	27.93
2452MHz	Pass	8.07	14.04	14.41	17.24	27.93

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	20.15	0.10351
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.36	0.10864



Average Power_Beamforming_Radio 1

Appendix C.4

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	8.52	16.82	17.19	20.02	27.48
2437MHz	Pass	8.52	16.98	17.3	20.15	27.48
2462MHz	Pass	8.52	16.3	16.41	19.37	27.48
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.52	16.76	17.07	19.93	27.48
2437MHz	Pass	8.52	17.17	17.53	20.36	27.48
2452MHz	Pass	8.52	17.13	17.22	20.19	27.48

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	-7.90
802.11g_Nss1,(6Mbps)_2TX	-10.92
802.11be EHT20_Nss1,(MCS0)_2TX	-10.60
802.11be EHT40_Nss1,(MCS0)_2TX	-12.42

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	8.07	-9.41	-12.57	-7.90	5.93
2437MHz	Pass	8.07	-13.05	-10.88	-8.90	5.93
2462MHz	Pass	8.07	-9.78	-12.45	-8.66	5.93
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.07	-14.40	-12.77	-11.60	5.93
2437MHz	Pass	8.07	-13.30	-12.42	-10.92	5.93
2462MHz	Pass	8.07	-13.05	-13.01	-11.41	5.93
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.07	-12.83	-11.98	-10.60	5.93
2437MHz	Pass	8.07	-13.73	-13.01	-11.64	5.93
2462MHz	Pass	8.07	-12.35	-12.43	-10.76	5.93
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.07	-13.69	-14.66	-12.73	5.93
2437MHz	Pass	8.07	-14.74	-13.09	-12.42	5.93
2452MHz	Pass	8.07	-15.66	-14.66	-13.11	5.93

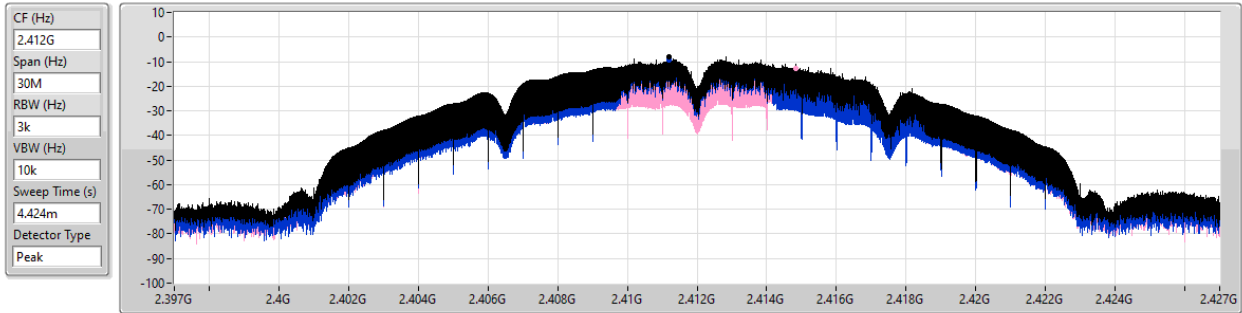
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

15/01/2025



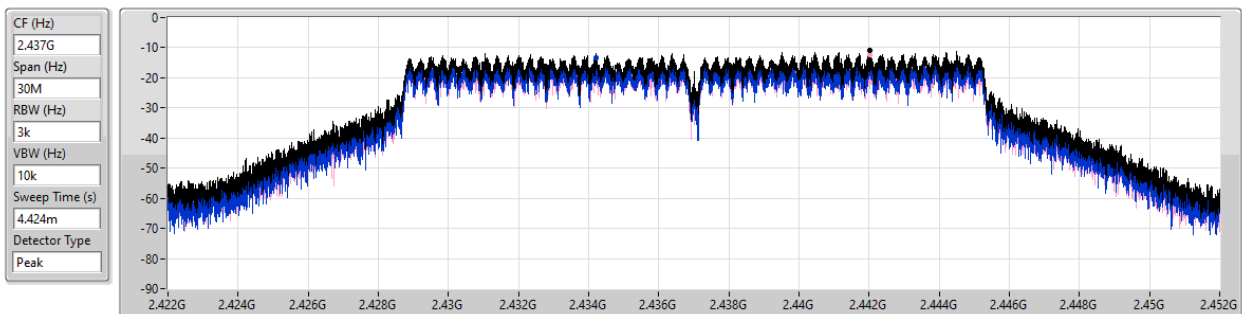
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-7.90	-7.90	-9.41	-12.57

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

PSD

2437MHz

15/01/2025



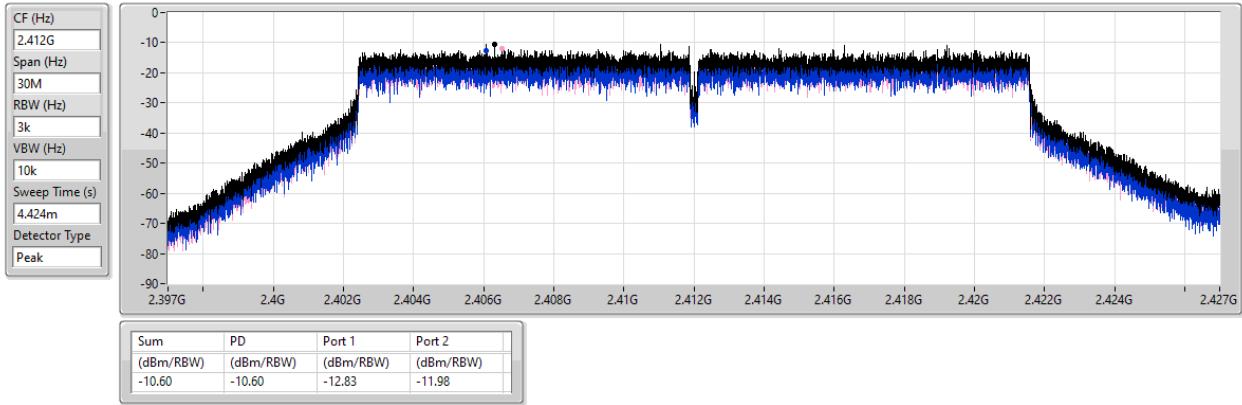
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-10.92	-10.92	-13.30	-12.42

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

PSD

2412MHz

15/01/2025

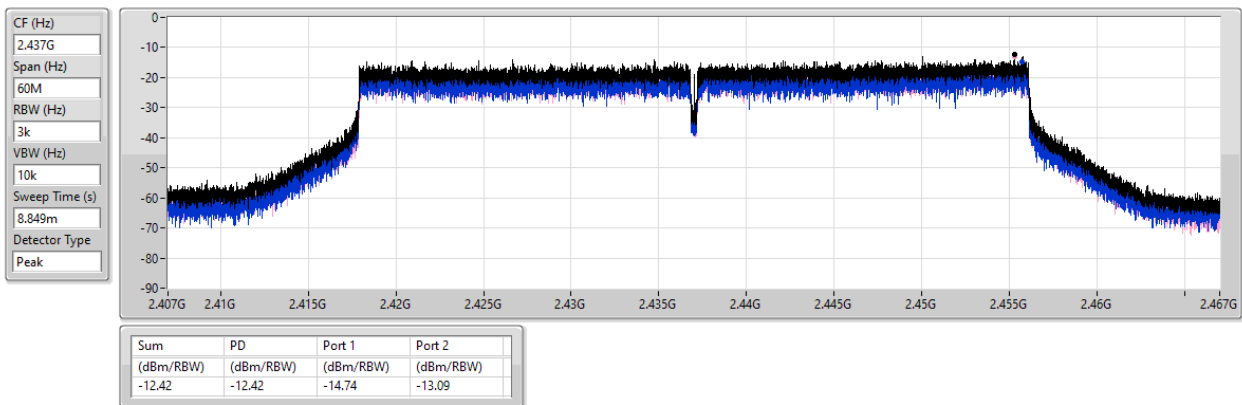


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

15/01/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-6.45
802.11g_Nss1,(6Mbps)_2TX	-4.37
802.11be EHT20_Nss1,(MCS0)_2TX	-5.38
802.11be EHT40_Nss1,(MCS0)_2TX	-8.13

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	8.52	-11.01	-9.21	-7.60	5.48
2437MHz	Pass	8.52	-11.23	-10.32	-7.75	5.48
2462MHz	Pass	8.52	-8.13	-11.00	-6.45	5.48
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.52	-9.83	-5.51	-4.37	5.48
2437MHz	Pass	8.52	-8.23	-9.44	-6.99	5.48
2462MHz	Pass	8.52	-9.66	-6.76	-5.56	5.48
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.52	-5.85	-6.98	-5.38	5.48
2437MHz	Pass	8.52	-8.31	-8.20	-6.13	5.48
2462MHz	Pass	8.52	-8.00	-7.51	-6.28	5.48
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.52	-10.89	-10.67	-9.18	5.48
2437MHz	Pass	8.52	-10.56	-9.34	-8.84	5.48
2452MHz	Pass	8.52	-11.05	-8.99	-8.13	5.48

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

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

PSD

2462MHz

15/01/2025

CF (Hz)
2.462G

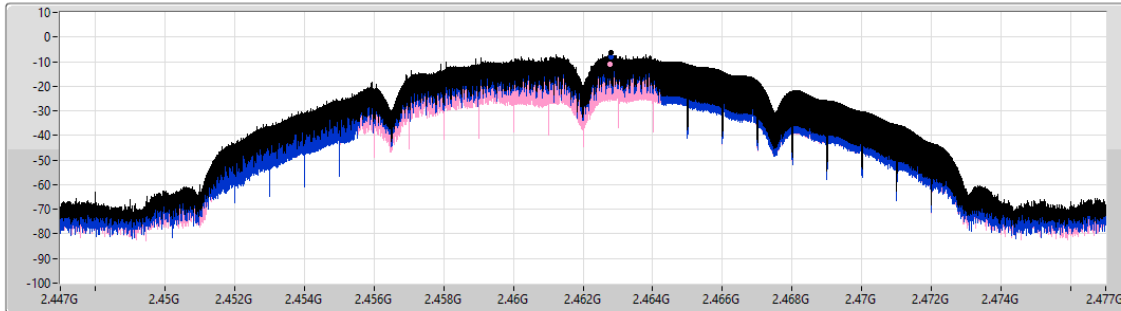
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.45	-6.45	-8.13	-11.00

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

PSD

2412MHz

15/01/2025

CF (Hz)
2.412G

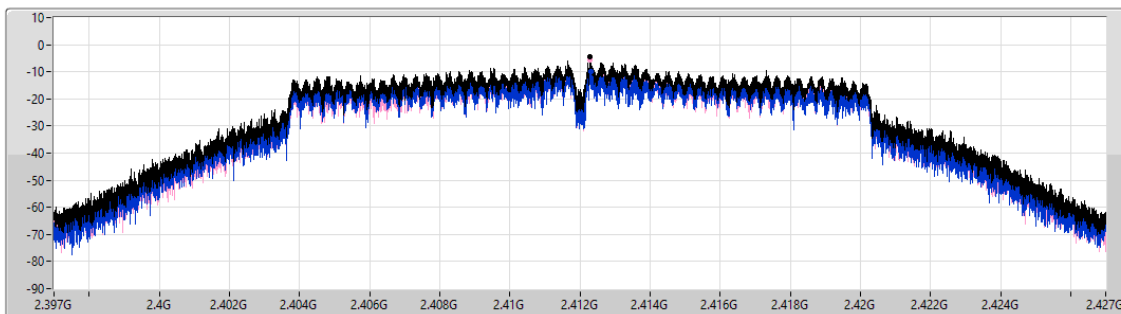
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum ☒

Port 1 ☐

Port 2 ☐

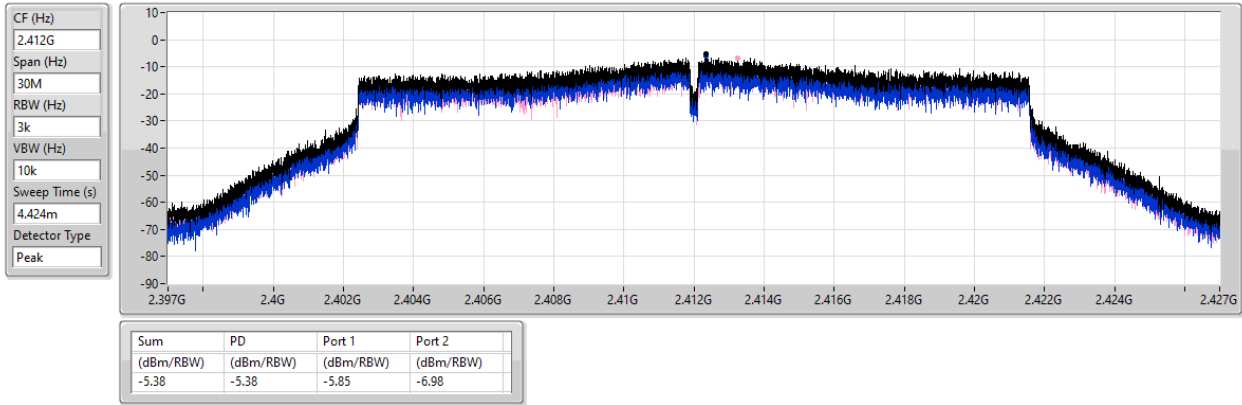
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.37	-4.37	-9.83	-5.51

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

PSD

2412MHz

15/01/2025

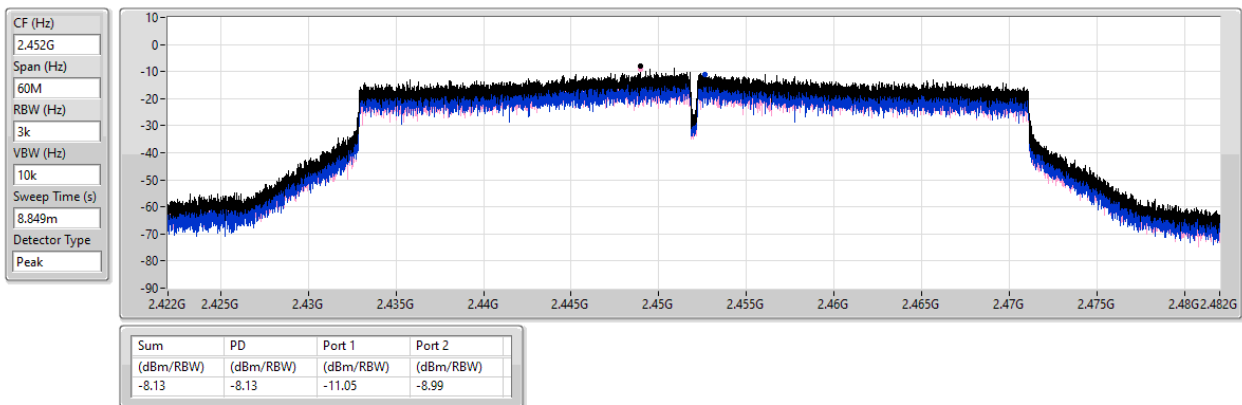


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

15/01/2025





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46263G	6.08	-23.92	2.1538G	-56.00	2.39976G	-48.72	2.4G	-51.35	2.5095G	-54.15	17.60804G	-43.09	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44442G	4.10	-25.90	1.94876G	-56.33	2.4G	-29.99	2.4G	-29.20	2.50862G	-53.02	15.22553G	-43.09	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44442G	2.88	-27.12	2.11885G	-55.82	2.3996G	-28.45	2.4G	-28.58	2.5027G	-54.00	16.26226G	-42.00	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.4496G	1.06	-28.94	1.83338G	-56.76	2.4G	-29.28	2.4G	-31.47	2.50366G	-54.06	17.60437G	-42.86	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	2.46263G	6.08	-23.92	2.11652G	-55.31	2.39968G	-49.16	2.4G	-55.46	2.50078G	-53.71	16.26788G	-42.72	1
2412MHz	Pass	2.46263G	6.08	-23.92	2.1538G	-56.00	2.39976G	-48.72	2.4G	-51.35	2.5095G	-54.15	17.60804G	-43.09	2
2437MHz	Pass	2.46263G	6.08	-23.92	2.11419G	-56.36	2.39624G	-54.10	2.4G	-55.40	2.50006G	-52.98	15.20867G	-43.21	1
2437MHz	Pass	2.46263G	6.08	-23.92	1.88701G	-56.24	2.39376G	-53.94	2.4G	-55.49	2.50006G	-53.43	17.62771G	-42.65	2
2462MHz	Pass	2.46263G	6.08	-23.92	2.30758G	-56.58	2.39624G	-54.55	2.4G	-54.21	2.52254G	-53.18	17.68952G	-42.38	1
2462MHz	Pass	2.46263G	6.08	-23.92	2.30059G	-55.98	2.39712G	-53.70	2.4G	-55.71	2.5023G	-52.98	17.63333G	-41.98	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	4.10	-25.90	1.94876G	-56.33	2.4G	-29.99	2.4G	-29.20	2.50862G	-53.02	15.22553G	-43.09	1
2412MHz	Pass	2.44442G	4.10	-25.90	2.16312G	-56.69	2.39992G	-31.28	2.4G	-29.39	2.50742G	-52.74	16.26788G	-42.44	2
2437MHz	Pass	2.44442G	4.10	-25.90	2.14331G	-56.49	2.3988G	-53.60	2.4G	-55.24	2.50542G	-53.64	16.22574G	-43.19	1
2437MHz	Pass	2.44442G	4.10	-25.90	2.07108G	-56.20	2.39744G	-54.09	2.4G	-54.83	2.50014G	-53.90	16.96184G	-43.07	2
2462MHz	Pass	2.44442G	4.10	-25.90	751.14M	-56.36	2.3988G	-54.10	2.4G	-56.32	2.50758G	-53.64	16.29878G	-42.24	1
2462MHz	Pass	2.44442G	4.10	-25.90	2.30292G	-56.13	2.39984G	-53.75	2.4G	-55.07	2.50198G	-53.63	17.28775G	-43.03	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	2.88	-27.12	2.02681G	-56.46	2.39992G	-30.42	2.4G	-30.07	2.5207G	-53.39	17.6249G	-43.04	1
2412MHz	Pass	2.44442G	2.88	-27.12	2.11885G	-55.82	2.3996G	-28.45	2.4G	-28.58	2.5027G	-54.00	16.26226G	-42.00	2
2437MHz	Pass	2.44442G	2.88	-27.12	918.9M	-56.98	2.39848G	-54.10	2.4G	-54.76	2.5039G	-52.97	17.61928G	-43.05	1
2437MHz	Pass	2.44442G	2.88	-27.12	882.78M	-55.91	2.39808G	-54.40	2.4G	-54.88	2.50054G	-52.40	16.21731G	-42.21	2
2462MHz	Pass	2.44442G	2.88	-27.12	2.30991G	-55.84	2.39968G	-54.18	2.4G	-56.33	2.50542G	-53.53	17.66423G	-42.97	1
2462MHz	Pass	2.44442G	2.88	-27.12	2.30874G	-56.31	2.39776G	-54.39	2.4G	-55.00	2.5027G	-53.35	16.2735G	-42.94	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4496G	1.06	-28.94	1.83338G	-56.76	2.4G	-29.28	2.4G	-31.47	2.50366G	-54.06	17.60437G	-42.86	1
2422MHz	Pass	2.4496G	1.06	-28.94	2.17802G	-56.36	2.39968G	-30.17	2.4G	-30.48	2.50014G	-53.61	16.36756G	-43.20	2
2437MHz	Pass	2.4496G	1.06	-28.94	31.15M	-55.50	2.39936G	-44.77	2.4G	-44.16	2.5003G	-53.61	17.60717G	-42.50	1
2437MHz	Pass	2.4496G	1.06	-28.94	30M	-55.67	2.39792G	-42.95	2.4G	-42.57	2.50014G	-53.17	16.61997G	-42.98	2
2452MHz	Pass	2.4496G	1.06	-28.94	1.84025G	-55.88	2.39984G	-52.95	2.4G	-53.39	2.50142G	-49.48	16.23013G	-42.66	1
2452MHz	Pass	2.4496G	1.06	-28.94	30M	-56.48	2.4G	-53.29	2.4G	-52.49	2.50062G	-51.20	17.60998G	-42.02	2

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

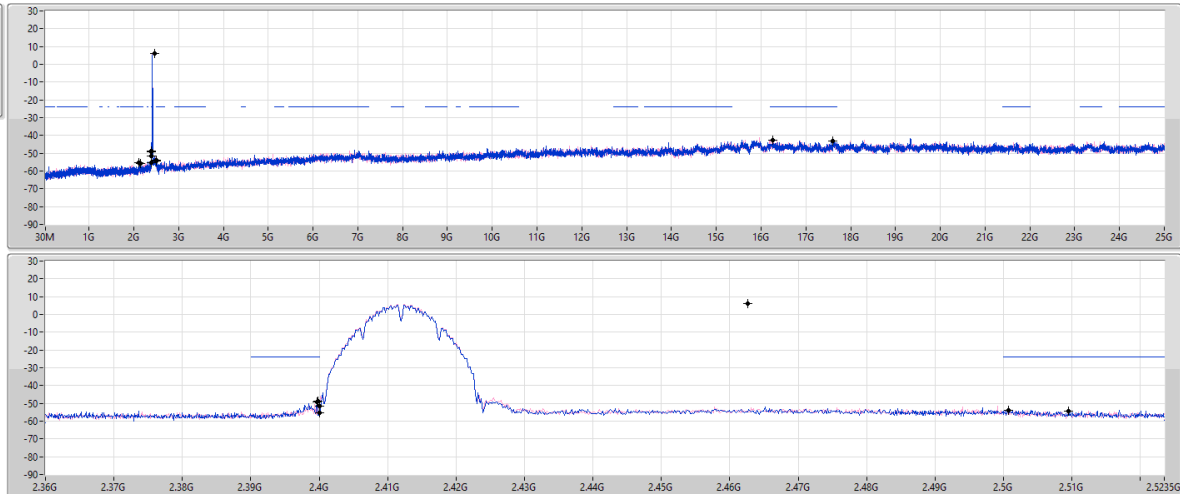
CSEndB

2412MHz

15/01/2025

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46263G	6.08	-23.92	2.11652G	-55.31	2.39958G	-49.16	2.4G	-55.46	2.50078G	-53.71	16.26788G	-42.72	1
2.46263G	6.08	-23.92	2.1538G	-56.00	2.39976G	-48.72	2.4G	-51.35	2.5095G	-54.15	17.60804G	-43.09	2

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

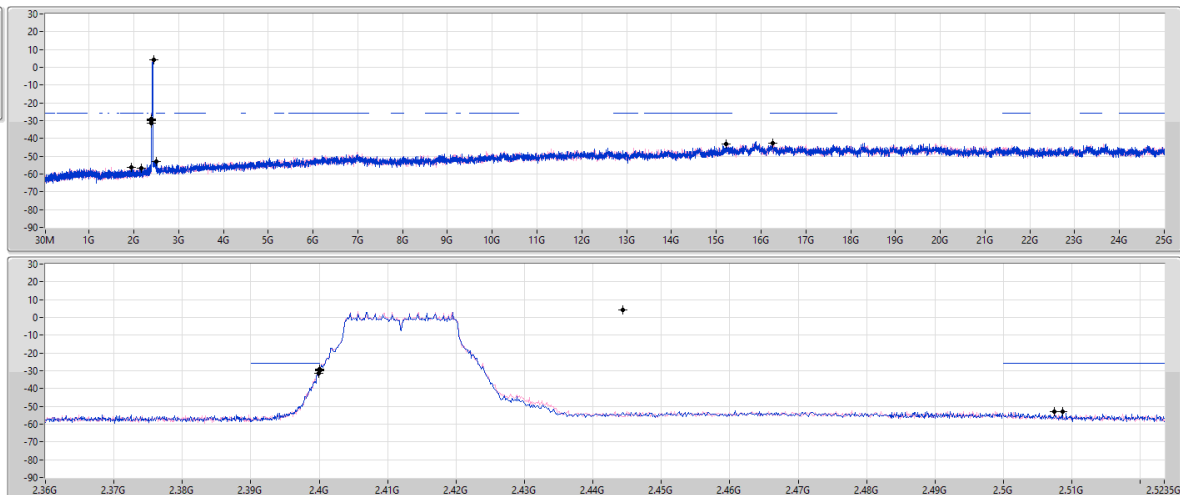
CSEndB

2412MHz

15/01/2025

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

Port 1
Port 2



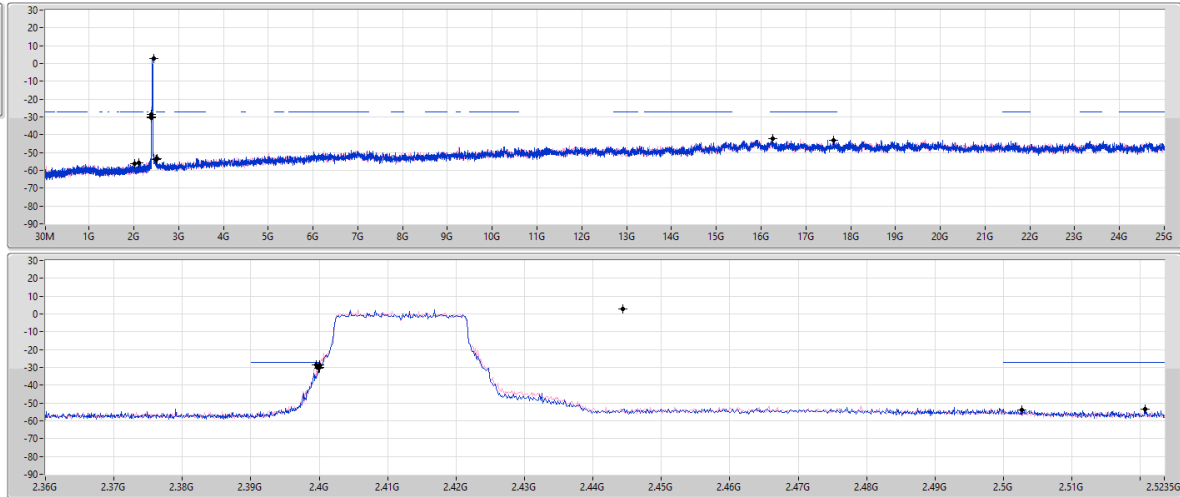
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44442G	4.10	-25.90	1.94876G	-56.33	2.4G	-29.99	2.4G	-29.20	2.50862G	-53.02	15.22553G	-43.09	1
2.44442G	4.10	-25.90	2.16312G	-56.69	2.39992G	-31.28	2.4G	-29.39	2.50742G	-52.74	16.26788G	-42.44	2

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

CSEndB

2412MHz

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



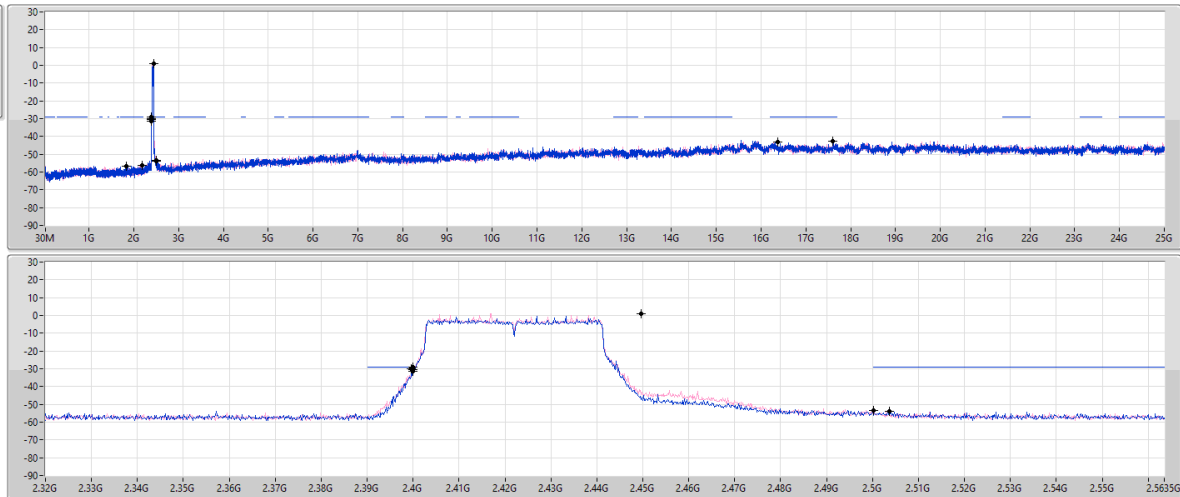
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44442G	2.88	-27.12	2.02681G	-56.46	2.39992G	-30.42	2.4G	-30.07	2.5207G	-53.39	17.6249G	-43.04	1
2.44442G	2.88	-27.12	2.11885G	-55.82	2.3996G	-28.45	2.4G	-28.58	2.5027G	-54.00	16.26226G	-42.00	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
2.4496G	1.06	-28.94	1.83338G	-56.76	2.4G	-29.28	2.4G	-31.47	2.50366G	-54.06	17.60437G	-42.86	1
2.4496G	1.06	-28.94	2.17802G	-56.36	2.39968G	-30.17	2.4G	-30.48	2.50014G	-53.61	16.36756G	-43.20	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	2.43758G	8.04	-21.96	2.30641G	-56.10	2.39976G	-47.00	2.4G	-49.16	2.52062G	-54.66	16.38869G	-42.80	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	8.90	-21.10	1.92662G	-56.17	2.4G	-29.70	2.4G	-27.22	2.51206G	-54.09	16.2735G	-43.24	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.4344G	7.09	-22.91	882.78M	-56.47	2.3996G	-26.70	2.4G	-26.71	2.51926G	-54.77	15.20587G	-43.49	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.43958G	5.51	-24.49	30M	-56.05	2.4G	-29.65	2.4G	-28.34	2.5195G	-54.39	16.24416G	-42.23	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	8.04	-21.96	2.30991G	-54.98	2.39976G	-47.40	2.4G	-47.61	2.50454G	-54.30	16.23697G	-42.53	1
2412MHz	Pass	2.43758G	8.04	-21.96	2.30641G	-56.10	2.39976G	-47.00	2.4G	-49.16	2.52062G	-54.66	16.38869G	-42.80	2
2437MHz	Pass	2.43758G	8.04	-21.96	2.30408G	-56.59	2.39952G	-55.28	2.4G	-54.54	2.50438G	-54.20	16.32969G	-42.72	1
2437MHz	Pass	2.43758G	8.04	-21.96	1.93012G	-56.75	2.39744G	-54.30	2.4G	-53.82	2.51326G	-53.90	16.57412G	-42.76	2
2462MHz	Pass	2.43758G	8.04	-21.96	2.1305G	-56.12	2.39712G	-54.77	2.4G	-54.78	2.50374G	-54.10	16.23697G	-42.61	1
2462MHz	Pass	2.43758G	8.04	-21.96	788.42M	-55.74	2.39408G	-54.26	2.4G	-54.06	2.50854G	-54.30	16.25383G	-43.35	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	8.90	-21.10	2.10953G	-55.50	2.4G	-28.86	2.4G	-27.29	2.51278G	-54.46	16.26507G	-42.84	1
2412MHz	Pass	2.43574G	8.90	-21.10	1.92662G	-56.17	2.4G	-29.70	2.4G	-27.22	2.51206G	-54.09	16.2735G	-43.24	2
2437MHz	Pass	2.43574G	8.90	-21.10	2.12118G	-55.17	2.4G	-52.52	2.4G	-53.19	2.5163G	-54.41	16.22574G	-43.19	1
2437MHz	Pass	2.43574G	8.90	-21.10	2.30641G	-56.04	2.3976G	-54.15	2.4G	-54.16	2.50878G	-54.55	16.29036G	-42.27	2
2462MHz	Pass	2.43574G	8.90	-21.10	2.04662G	-55.90	2.4G	-52.83	2.4G	-52.82	2.50038G	-53.81	16.21731G	-42.04	1
2462MHz	Pass	2.43574G	8.90	-21.10	766.28M	-56.42	2.4G	-53.22	2.4G	-52.98	2.50894G	-54.42	17.64737G	-43.42	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4344G	7.09	-22.91	2.18409G	-56.56	2.4G	-30.11	2.4G	-27.61	2.50846G	-54.36	21.52176G	-42.57	1
2412MHz	Pass	2.4344G	7.09	-22.91	882.78M	-56.47	2.3996G	-26.70	2.4G	-26.71	2.51926G	-54.77	15.20587G	-43.49	2
2437MHz	Pass	2.4344G	7.09	-22.91	932.88M	-56.70	2.4G	-52.98	2.4G	-53.55	2.5163G	-54.31	23.29179G	-43.25	1
2437MHz	Pass	2.4344G	7.09	-22.91	2.14331G	-55.19	2.4G	-53.97	2.4G	-52.73	2.50334G	-54.22	17.67828G	-41.50	2
2462MHz	Pass	2.4344G	7.09	-22.91	1.64702G	-56.45	2.4G	-53.33	2.4G	-52.41	2.5011G	-53.62	16.2454G	-42.67	1
2462MHz	Pass	2.4344G	7.09	-22.91	1.77168G	-56.64	2.4G	-53.25	2.4G	-53.32	2.5087G	-54.05	16.27912G	-42.67	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43958G	5.51	-24.49	39.16M	-55.57	2.39968G	-30.07	2.4G	-29.50	2.52526G	-54.60	16.91445G	-43.05	1
2422MHz	Pass	2.43958G	5.51	-24.49	30M	-56.05	2.4G	-29.65	2.4G	-28.34	2.5195G	-54.39	16.24416G	-42.23	2
2437MHz	Pass	2.43958G	5.51	-24.49	2.3097G	-54.45	2.4G	-50.08	2.4G	-49.86	2.5235G	-53.86	16.66484G	-42.81	1
2437MHz	Pass	2.43958G	5.51	-24.49	32.29M	-55.57	2.4G	-46.39	2.4G	-50.85	2.50046G	-53.93	16.35073G	-42.75	2
2452MHz	Pass	2.43958G	5.51	-24.49	30M	-56.19	2.4G	-50.93	2.4G	-50.36	2.50078G	-53.43	16.33951G	-42.30	1
2452MHz	Pass	2.43958G	5.51	-24.49	2.14138G	-55.89	2.39824G	-53.53	2.4G	-54.44	2.50078G	-53.43	16.63679G	-43.21	2

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

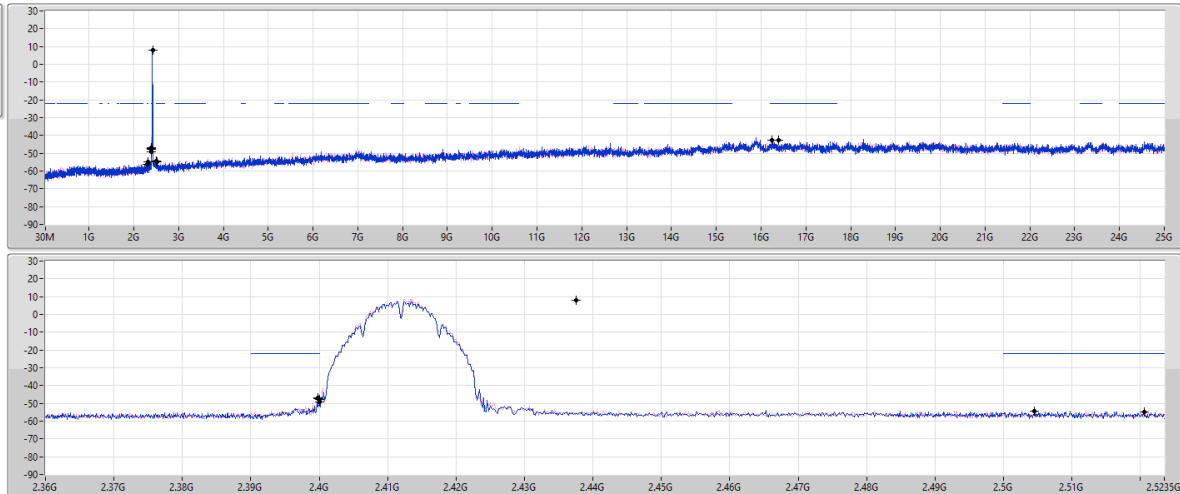
CSEndB

2412MHz

15/01/2025

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43758G	8.04	-21.96	2.30991G	-54.98	2.39976G	-47.40	2.4G	-47.61	2.50454G	-54.30	16.23697G	-42.53	1
2.43758G	8.04	-21.96	2.30641G	-56.10	2.39976G	-47.00	2.4G	-49.16	2.52062G	-54.66	16.38869G	-42.80	2

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

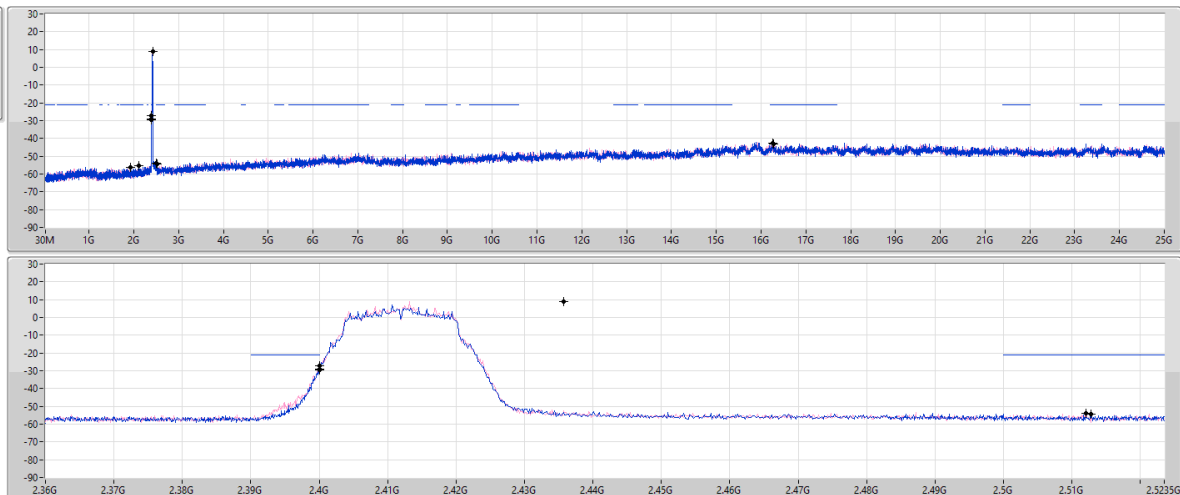
CSEndB

2412MHz

15/01/2025

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

Port 1
Port 2



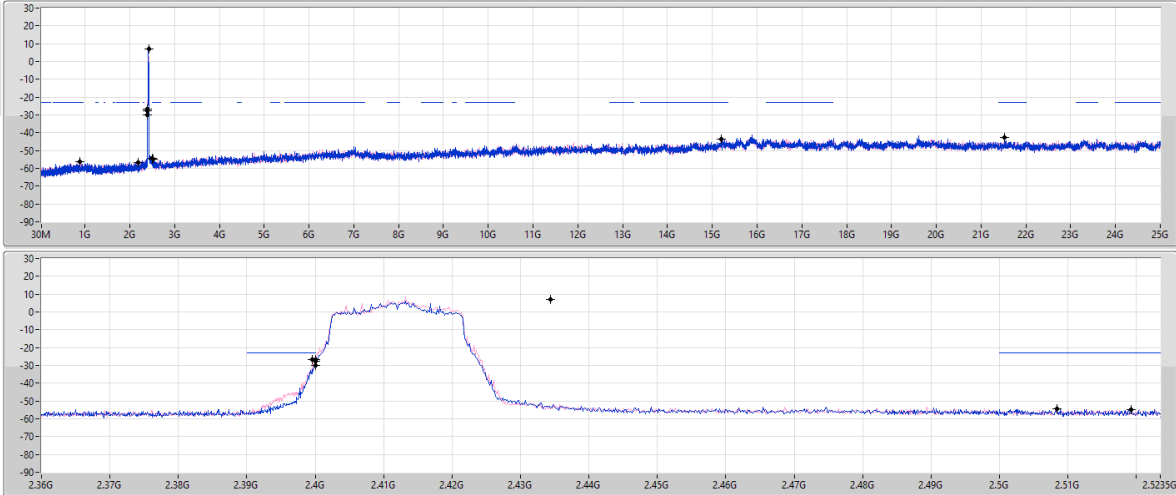
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	8.90	-21.10	2.10953G	-55.50	2.4G	-28.86	2.4G	-27.29	2.51278G	-54.46	16.26507G	-42.84	1
2.43574G	8.90	-21.10	1.92662G	-56.17	2.4G	-29.70	2.4G	-27.22	2.51206G	-54.09	16.2735G	-43.24	2

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

CSEndB

2412MHz

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



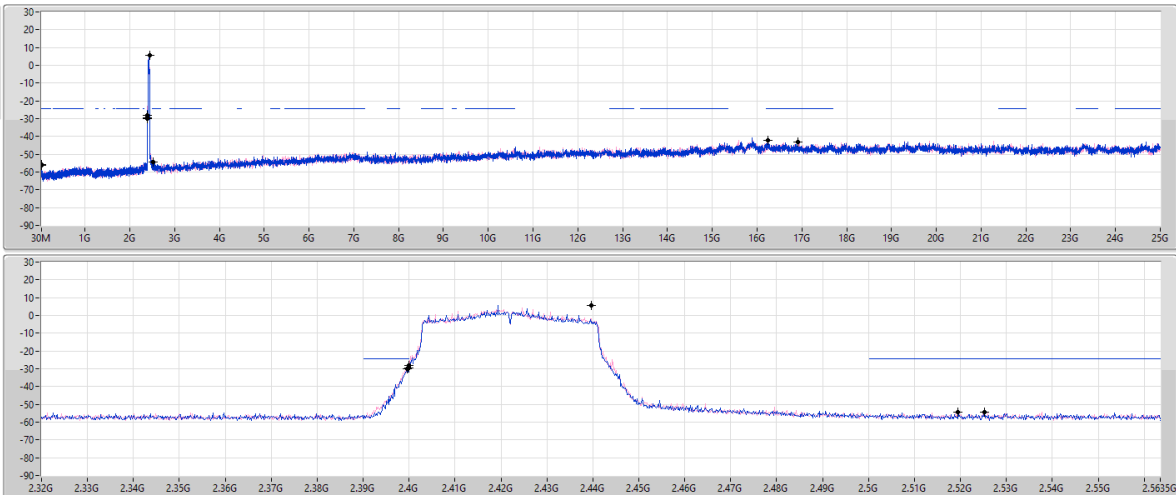
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4344G	7.09	-22.91	2.18409G	-56.56	2.4G	-30.11	2.4G	-27.61	2.50846G	-54.36	2.152176G	-42.57	1
2.4344G	7.09	-22.91	882.78M	-56.47	2.3996G	-26.70	2.4G	-26.71	2.51926G	-54.77	15.20987G	-43.49	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
2.43958G	5.51	-24.49	39.16M	-55.57	2.39968G	-30.07	2.4G	-29.50	2.52526G	-54.60	16.91445G	-43.05	1
2.43958G	5.51	-24.49	30M	-56.05	2.4G	-29.65	2.4G	-28.34	2.5195G	-54.39	16.24416G	-42.23	2



Summary

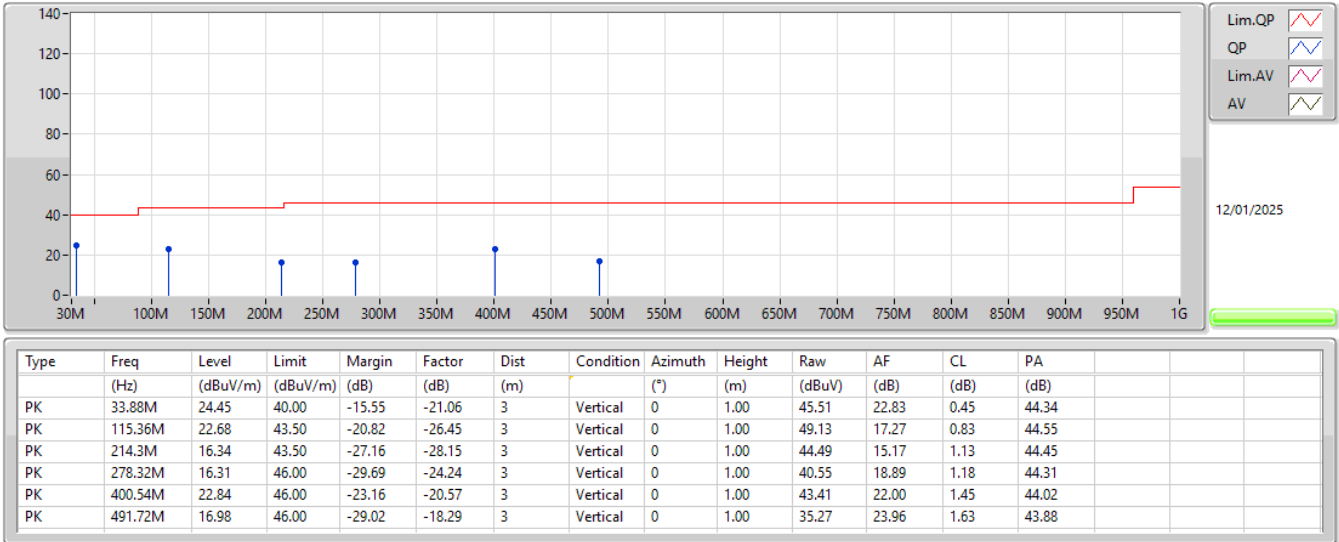
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	33.88M	24.45	40.00	-15.55	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	33.88M	24.45	40.00	-15.55	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	115.36M	22.68	43.50	-20.82	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	214.3M	16.34	43.50	-27.16	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	278.32M	16.31	46.00	-29.69	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	400.54M	22.84	46.00	-23.16	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	491.72M	16.98	46.00	-29.02	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	31.94M	15.65	40.00	-24.35	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	119.24M	18.88	43.50	-24.62	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	216M	16.72	43.50	-26.78	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	251.16M	23.86	46.00	-22.14	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	350.1M	19.83	46.00	-26.17	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	474.26M	19.13	46.00	-26.87	3	Horizontal	360	1.00

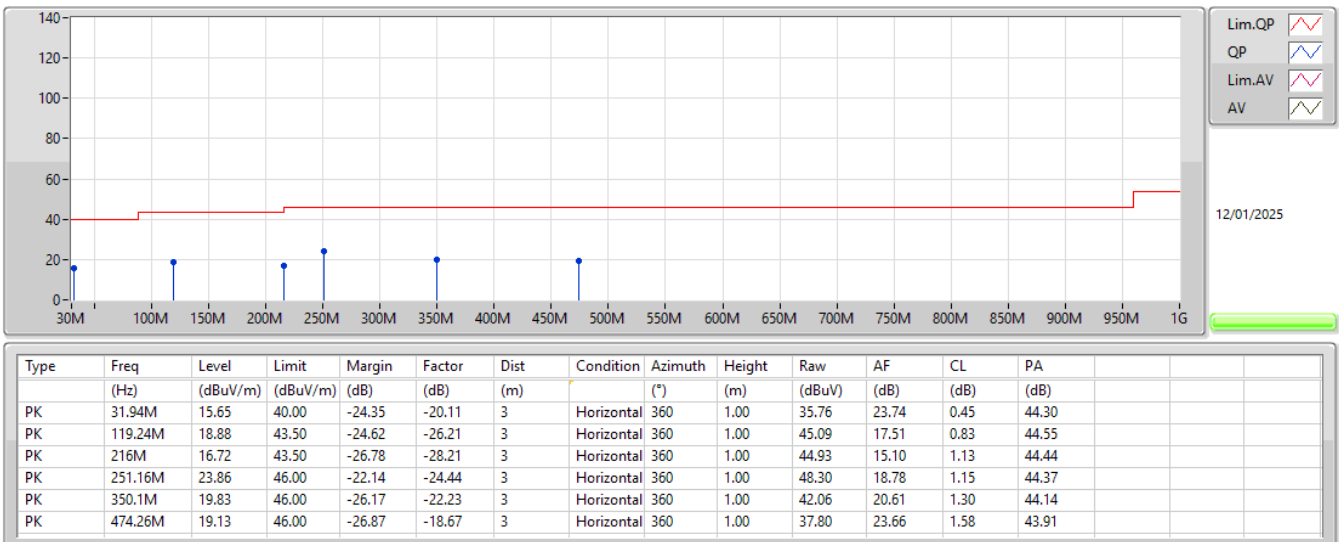
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_PoE



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

2437MHz_PoE





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	2.49108G	45.03	54.00	-8.97	3	Horizontal	313	1.01
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	46.31	54.00	-7.69	3	Horizontal	310	1.06
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4856G	46.09	54.00	-7.91	3	Horizontal	310	1.04
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	52.45	54.00	-1.55	3	Horizontal	306	1.06

Result

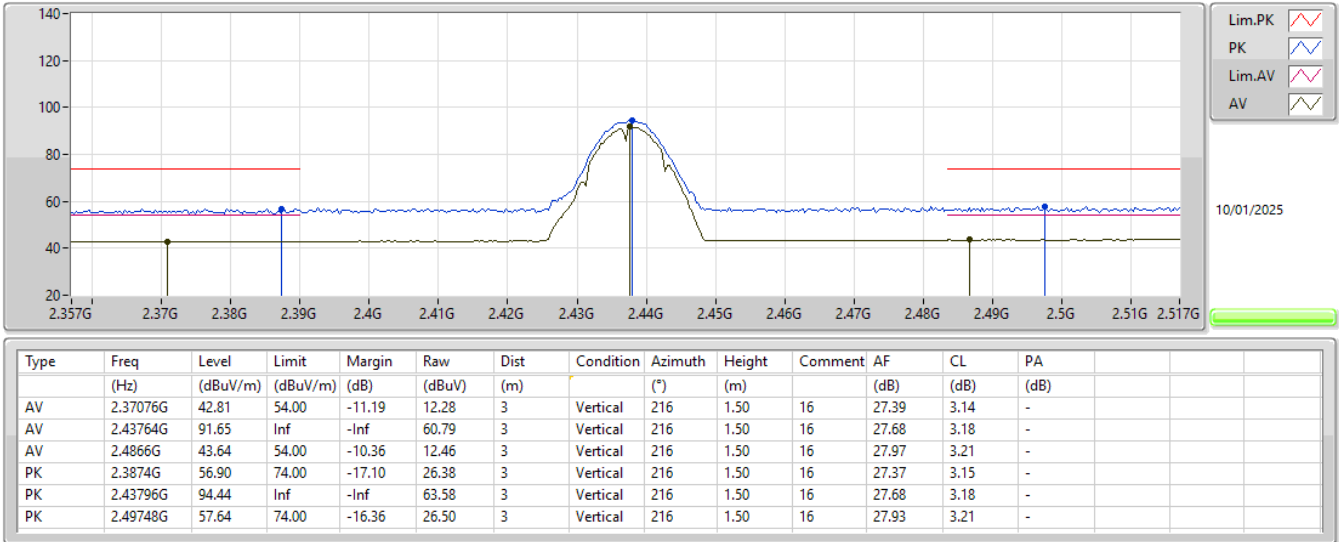
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	42.81	54.00	-11.19	3	Vertical	339	3.00
2412MHz	Pass	AV	2.4102G	96.66	Inf	-Inf	3	Vertical	339	3.00
2412MHz	Pass	PK	2.3668G	57.35	74.00	-16.65	3	Vertical	339	3.00
2412MHz	Pass	PK	2.4104G	99.18	Inf	-Inf	3	Vertical	339	3.00
2412MHz	Pass	AV	2.3702G	42.81	54.00	-11.19	3	Horizontal	313	1.08
2412MHz	Pass	AV	2.4138G	106.73	Inf	-Inf	3	Horizontal	313	1.08
2412MHz	Pass	PK	2.3832G	56.59	74.00	-17.41	3	Horizontal	313	1.08
2412MHz	Pass	PK	2.4148G	109.54	Inf	-Inf	3	Horizontal	313	1.08
2412MHz	Pass	AV	4.82624G	26.98	54.00	-27.02	3	Vertical	29	1.50
2412MHz	Pass	PK	4.82968G	41.04	74.00	-32.96	3	Vertical	29	1.50
2412MHz	Pass	AV	4.82408G	27.25	54.00	-26.75	3	Horizontal	2	1.50
2412MHz	Pass	PK	4.82324G	41.44	74.00	-32.56	3	Horizontal	2	1.50
2437MHz	Pass	AV	2.37076G	42.81	54.00	-11.19	3	Vertical	216	1.50
2437MHz	Pass	AV	2.43764G	91.65	Inf	-Inf	3	Vertical	216	1.50
2437MHz	Pass	AV	2.4866G	43.64	54.00	-10.36	3	Vertical	216	1.50
2437MHz	Pass	PK	2.3874G	56.90	74.00	-17.10	3	Vertical	216	1.50
2437MHz	Pass	PK	2.43796G	94.44	Inf	-Inf	3	Vertical	216	1.50
2437MHz	Pass	PK	2.49748G	57.64	74.00	-16.36	3	Vertical	216	1.50
2437MHz	Pass	AV	2.3842G	42.85	54.00	-11.15	3	Horizontal	313	1.01
2437MHz	Pass	AV	2.4386G	106.33	Inf	-Inf	3	Horizontal	313	1.01
2437MHz	Pass	AV	2.49108G	45.03	54.00	-8.97	3	Horizontal	313	1.01
2437MHz	Pass	PK	2.38772G	56.90	74.00	-17.10	3	Horizontal	313	1.01
2437MHz	Pass	PK	2.43988G	109.22	Inf	-Inf	3	Horizontal	313	1.01
2437MHz	Pass	PK	2.49428G	59.39	74.00	-14.61	3	Horizontal	313	1.01
2437MHz	Pass	AV	4.8872G	27.39	54.00	-26.61	3	Vertical	167	2.16
2437MHz	Pass	PK	4.8674G	41.68	74.00	-32.32	3	Vertical	167	2.16
2437MHz	Pass	AV	4.88804G	27.35	54.00	-26.65	3	Horizontal	89	1.50
2437MHz	Pass	PK	4.86608G	41.86	74.00	-32.14	3	Horizontal	89	1.50
2462MHz	Pass	AV	2.4612G	100.76	Inf	-Inf	3	Vertical	353	2.83
2462MHz	Pass	AV	2.4892G	43.85	54.00	-10.15	3	Vertical	353	2.83
2462MHz	Pass	PK	2.4612G	103.48	Inf	-Inf	3	Vertical	353	2.83
2462MHz	Pass	PK	2.4902G	57.64	74.00	-16.36	3	Vertical	353	2.83
2462MHz	Pass	AV	2.4638G	104.76	Inf	-Inf	3	Horizontal	312	1.19
2462MHz	Pass	AV	2.4956G	44.79	54.00	-9.21	3	Horizontal	312	1.19
2462MHz	Pass	PK	2.4648G	107.71	Inf	-Inf	3	Horizontal	312	1.19
2462MHz	Pass	PK	2.4976G	58.67	74.00	-15.33	3	Horizontal	312	1.19
2462MHz	Pass	AV	4.92376G	27.60	54.00	-26.40	3	Vertical	191	1.50
2462MHz	Pass	PK	4.93384G	42.18	74.00	-31.82	3	Vertical	191	1.50
2462MHz	Pass	AV	4.93162G	27.57	54.00	-26.43	3	Horizontal	342	1.78
2462MHz	Pass	PK	4.93282G	41.84	74.00	-32.16	3	Horizontal	342	1.78
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3874G	42.84	54.00	-11.16	3	Vertical	328	1.00
2412MHz	Pass	AV	2.405G	93.42	Inf	-Inf	3	Vertical	328	1.00
2412MHz	Pass	PK	2.3768G	57.35	74.00	-16.65	3	Vertical	328	1.00
2412MHz	Pass	PK	2.4096G	104.26	Inf	-Inf	3	Vertical	328	1.00
2412MHz	Pass	AV	2.3886G	42.82	54.00	-11.18	3	Horizontal	55	2.29
2412MHz	Pass	AV	2.419G	103.31	Inf	-Inf	3	Horizontal	55	2.29
2412MHz	Pass	PK	2.3626G	57.24	74.00	-16.76	3	Horizontal	55	2.29
2412MHz	Pass	PK	2.4186G	114.68	Inf	-Inf	3	Horizontal	55	2.29
2412MHz	Pass	AV	4.82568G	26.81	54.00	-27.19	3	Vertical	243	1.50
2412MHz	Pass	PK	4.80948G	41.68	74.00	-32.32	3	Vertical	243	1.50
2412MHz	Pass	AV	4.83714G	26.75	54.00	-27.25	3	Horizontal	156	1.50
2412MHz	Pass	PK	4.83654G	41.22	74.00	-32.78	3	Horizontal	156	1.50
2437MHz	Pass	AV	2.38932G	42.79	54.00	-11.21	3	Vertical	318	1.00
2437MHz	Pass	AV	2.4402G	93.36	Inf	-Inf	3	Vertical	318	1.00
2437MHz	Pass	AV	2.49076G	43.85	54.00	-10.15	3	Vertical	318	1.00
2437MHz	Pass	PK	2.38004G	57.04	74.00	-16.96	3	Vertical	318	1.00
2437MHz	Pass	PK	2.4402G	103.88	Inf	-Inf	3	Vertical	318	1.00
2437MHz	Pass	PK	2.48788G	57.93	74.00	-16.07	3	Vertical	318	1.00
2437MHz	Pass	AV	2.35764G	42.80	54.00	-11.20	3	Horizontal	309	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4402G	103.04	Inf	-Inf	3	Horizontal	309	1.00
2437MHz	Pass	AV	2.49492G	45.05	54.00	-8.95	3	Horizontal	309	1.00
2437MHz	Pass	PK	2.37844G	57.26	74.00	-16.74	3	Horizontal	309	1.00
2437MHz	Pass	PK	2.4402G	114.29	Inf	-Inf	3	Horizontal	309	1.00
2437MHz	Pass	PK	2.49396G	58.74	74.00	-15.26	3	Horizontal	309	1.00
2437MHz	Pass	AV	4.88876G	27.01	54.00	-26.99	3	Vertical	324	1.50
2437MHz	Pass	PK	4.87436G	41.09	74.00	-32.91	3	Vertical	324	1.50
2437MHz	Pass	AV	4.88894G	27.04	54.00	-26.96	3	Horizontal	65	1.50
2437MHz	Pass	PK	4.8689G	41.37	74.00	-32.63	3	Horizontal	65	1.50
2462MHz	Pass	AV	2.4598G	92.48	Inf	-Inf	3	Vertical	315	1.07
2462MHz	Pass	AV	2.4835G	44.20	54.00	-9.80	3	Vertical	315	1.07
2462MHz	Pass	PK	2.4596G	102.89	Inf	-Inf	3	Vertical	315	1.07
2462MHz	Pass	PK	2.4842G	58.22	74.00	-15.78	3	Vertical	315	1.07
2462MHz	Pass	AV	2.4552G	103.62	Inf	-Inf	3	Horizontal	310	1.06
2462MHz	Pass	AV	2.4836G	46.31	54.00	-7.69	3	Horizontal	310	1.06
2462MHz	Pass	PK	2.4596G	114.05	Inf	-Inf	3	Horizontal	310	1.06
2462MHz	Pass	PK	2.4838G	60.62	74.00	-13.38	3	Horizontal	310	1.06
2462MHz	Pass	AV	4.9261G	27.27	54.00	-26.73	3	Vertical	360	1.50
2462MHz	Pass	PK	4.92508G	41.66	74.00	-32.34	3	Vertical	360	1.50
2462MHz	Pass	AV	4.92472G	27.25	54.00	-26.75	3	Horizontal	360	1.50
2462MHz	Pass	PK	4.91236G	41.55	74.00	-32.45	3	Horizontal	360	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3684G	42.80	54.00	-11.20	3	Vertical	329	1.00
2412MHz	Pass	AV	2.4048G	92.90	Inf	-Inf	3	Vertical	329	1.00
2412MHz	Pass	PK	2.3846G	57.23	74.00	-16.77	3	Vertical	329	1.00
2412MHz	Pass	PK	2.4036G	106.78	Inf	-Inf	3	Vertical	329	1.00
2412MHz	Pass	AV	2.3886G	42.85	54.00	-11.15	3	Horizontal	55	2.27
2412MHz	Pass	AV	2.4198G	103.17	Inf	-Inf	3	Horizontal	55	2.27
2412MHz	Pass	PK	2.3624G	57.02	74.00	-16.98	3	Horizontal	55	2.27
2412MHz	Pass	PK	2.418G	116.86	Inf	-Inf	3	Horizontal	55	2.27
2412MHz	Pass	AV	4.8375G	26.39	54.00	-27.61	3	Vertical	33	2.77
2412MHz	Pass	PK	4.82754G	40.97	74.00	-33.03	3	Vertical	33	2.77
2412MHz	Pass	AV	4.82478G	26.35	54.00	-27.65	3	Horizontal	66	2.32
2412MHz	Pass	PK	4.81254G	41.53	74.00	-32.47	3	Horizontal	66	2.32
2437MHz	Pass	AV	2.389G	42.80	54.00	-11.20	3	Vertical	323	1.00
2437MHz	Pass	AV	2.42836G	92.55	Inf	-Inf	3	Vertical	323	1.00
2437MHz	Pass	AV	2.48724G	43.88	54.00	-10.12	3	Vertical	323	1.00
2437MHz	Pass	PK	2.36564G	57.13	74.00	-16.87	3	Vertical	323	1.00
2437MHz	Pass	PK	2.43028G	105.72	Inf	-Inf	3	Vertical	323	1.00
2437MHz	Pass	PK	2.49652G	57.65	74.00	-16.35	3	Vertical	323	1.00
2437MHz	Pass	AV	2.38932G	42.83	54.00	-11.17	3	Horizontal	307	1.00
2437MHz	Pass	AV	2.42868G	102.66	Inf	-Inf	3	Horizontal	307	1.00
2437MHz	Pass	AV	2.48884G	45.08	54.00	-8.92	3	Horizontal	307	1.00
2437MHz	Pass	PK	2.36756G	56.91	74.00	-17.09	3	Horizontal	307	1.00
2437MHz	Pass	PK	2.4306G	116.01	Inf	-Inf	3	Horizontal	307	1.00
2437MHz	Pass	PK	2.49396G	59.08	74.00	-14.92	3	Horizontal	307	1.00
2437MHz	Pass	AV	4.88804G	26.95	54.00	-27.05	3	Vertical	124	1.50
2437MHz	Pass	PK	4.8881G	41.10	74.00	-32.90	3	Vertical	124	1.50
2437MHz	Pass	AV	4.88834G	26.96	54.00	-27.04	3	Horizontal	73	1.13
2437MHz	Pass	PK	4.86824G	41.12	74.00	-32.88	3	Horizontal	73	1.13
2462MHz	Pass	AV	2.467G	94.71	Inf	-Inf	3	Vertical	357	2.83
2462MHz	Pass	AV	2.4835G	45.38	54.00	-8.62	3	Vertical	357	2.83
2462MHz	Pass	PK	2.4694G	108.60	Inf	-Inf	3	Vertical	357	2.83
2462MHz	Pass	PK	2.484G	59.30	74.00	-14.70	3	Vertical	357	2.83
2462MHz	Pass	AV	2.4546G	103.42	Inf	-Inf	3	Horizontal	310	1.04
2462MHz	Pass	AV	2.4856G	46.09	54.00	-7.91	3	Horizontal	310	1.04
2462MHz	Pass	PK	2.4548G	117.50	Inf	-Inf	3	Horizontal	310	1.04
2462MHz	Pass	PK	2.4884G	63.17	74.00	-10.83	3	Horizontal	310	1.04
2462MHz	Pass	AV	4.92736G	27.24	54.00	-26.76	3	Vertical	226	1.50
2462MHz	Pass	PK	4.91284G	41.44	74.00	-32.56	3	Vertical	226	1.50
2462MHz	Pass	AV	4.92502G	27.25	54.00	-26.75	3	Horizontal	117	1.63
2462MHz	Pass	PK	4.9315G	41.51	74.00	-32.49	3	Horizontal	117	1.63

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	2.38624G	42.83	54.00	-11.17	3	Vertical	326	1.00
2422MHz	Pass	AV	2.4136G	90.49	Inf	-Inf	3	Vertical	326	1.00
2422MHz	Pass	PK	2.3704G	56.58	74.00	-17.42	3	Vertical	326	1.00
2422MHz	Pass	PK	2.41456G	104.30	Inf	-Inf	3	Vertical	326	1.00
2422MHz	Pass	AV	2.3896G	42.91	54.00	-11.09	3	Horizontal	57	1.15
2422MHz	Pass	AV	2.4136G	100.22	Inf	-Inf	3	Horizontal	57	1.15
2422MHz	Pass	PK	2.38912G	57.11	74.00	-16.89	3	Horizontal	57	1.15
2422MHz	Pass	PK	2.41552G	114.19	Inf	-Inf	3	Horizontal	57	1.15
2422MHz	Pass	AV	4.87136G	26.71	54.00	-27.29	3	Vertical	274	1.77
2422MHz	Pass	PK	4.826G	41.24	74.00	-32.76	3	Vertical	274	1.77
2422MHz	Pass	AV	4.87244G	26.73	54.00	-27.27	3	Horizontal	258	1.50
2422MHz	Pass	PK	4.8518G	41.31	74.00	-32.69	3	Horizontal	258	1.50
2437MHz	Pass	AV	2.389G	42.81	54.00	-11.19	3	Vertical	356	3.00
2437MHz	Pass	AV	2.44244G	92.28	Inf	-Inf	3	Vertical	356	3.00
2437MHz	Pass	AV	2.4835G	45.10	54.00	-8.90	3	Vertical	356	3.00
2437MHz	Pass	PK	2.38644G	57.05	74.00	-16.95	3	Vertical	356	3.00
2437MHz	Pass	PK	2.44212G	106.74	Inf	-Inf	3	Vertical	356	3.00
2437MHz	Pass	PK	2.48404G	59.43	74.00	-14.57	3	Vertical	356	3.00
2437MHz	Pass	AV	2.38996G	42.97	54.00	-11.03	3	Horizontal	308	1.00
2437MHz	Pass	AV	2.45012G	100.94	Inf	-Inf	3	Horizontal	308	1.00
2437MHz	Pass	AV	2.48372G	49.12	54.00	-4.88	3	Horizontal	308	1.00
2437MHz	Pass	PK	2.38196G	57.39	74.00	-16.61	3	Horizontal	308	1.00
2437MHz	Pass	PK	2.45108G	114.28	Inf	-Inf	3	Horizontal	308	1.00
2437MHz	Pass	PK	2.4866G	66.89	74.00	-7.11	3	Horizontal	308	1.00
2437MHz	Pass	AV	4.89488G	26.94	54.00	-27.06	3	Vertical	197	1.84
2437MHz	Pass	PK	4.8794G	41.26	74.00	-32.74	3	Vertical	197	1.84
2437MHz	Pass	AV	4.89344G	26.95	54.00	-27.05	3	Horizontal	111	1.50
2437MHz	Pass	PK	4.90148G	40.93	74.00	-33.07	3	Horizontal	111	1.50
2452MHz	Pass	AV	2.46232G	89.51	Inf	-Inf	3	Vertical	326	1.08
2452MHz	Pass	AV	2.48368G	45.88	54.00	-8.12	3	Vertical	326	1.08
2452MHz	Pass	PK	2.464G	103.17	Inf	-Inf	3	Vertical	326	1.08
2452MHz	Pass	PK	2.48368G	60.23	74.00	-13.77	3	Vertical	326	1.08
2452MHz	Pass	AV	2.46328G	100.41	Inf	-Inf	3	Horizontal	306	1.06
2452MHz	Pass	AV	2.4835G	52.45	54.00	-1.55	3	Horizontal	306	1.06
2452MHz	Pass	PK	2.46304G	113.53	Inf	-Inf	3	Horizontal	306	1.06
2452MHz	Pass	PK	2.4835G	66.30	74.00	-7.70	3	Horizontal	306	1.06
2452MHz	Pass	AV	4.93328G	27.23	54.00	-26.77	3	Vertical	87	1.55
2452MHz	Pass	PK	4.92812G	42.27	74.00	-31.73	3	Vertical	87	1.55
2452MHz	Pass	AV	4.931G	27.25	54.00	-26.75	3	Horizontal	291	1.50
2452MHz	Pass	PK	4.93148G	42.62	74.00	-31.38	3	Horizontal	291	1.50

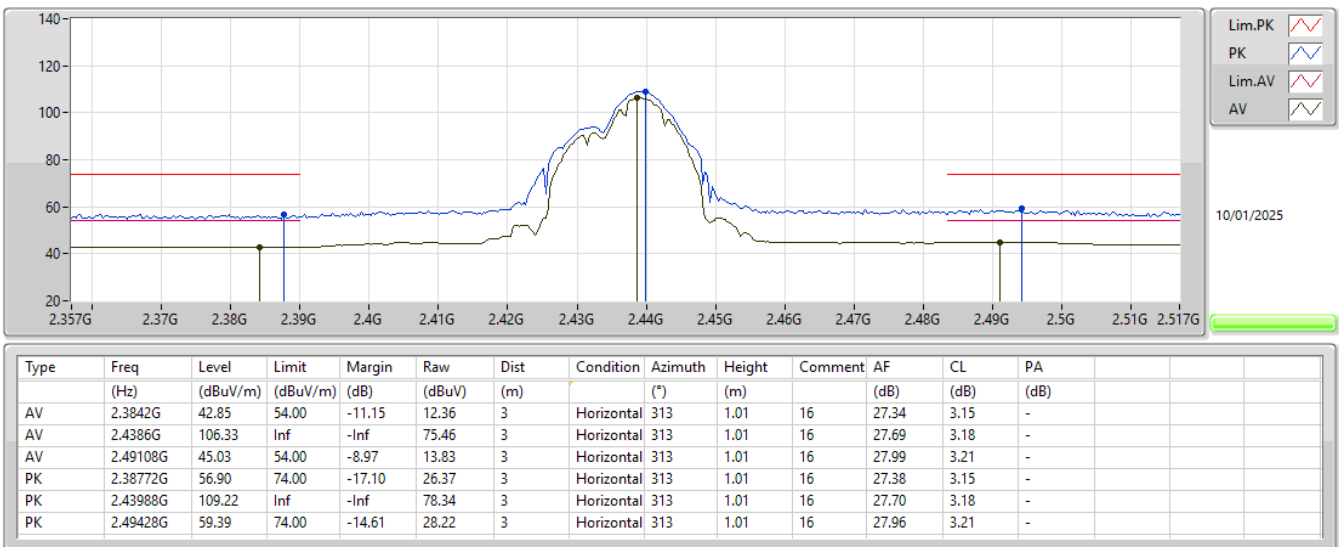
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



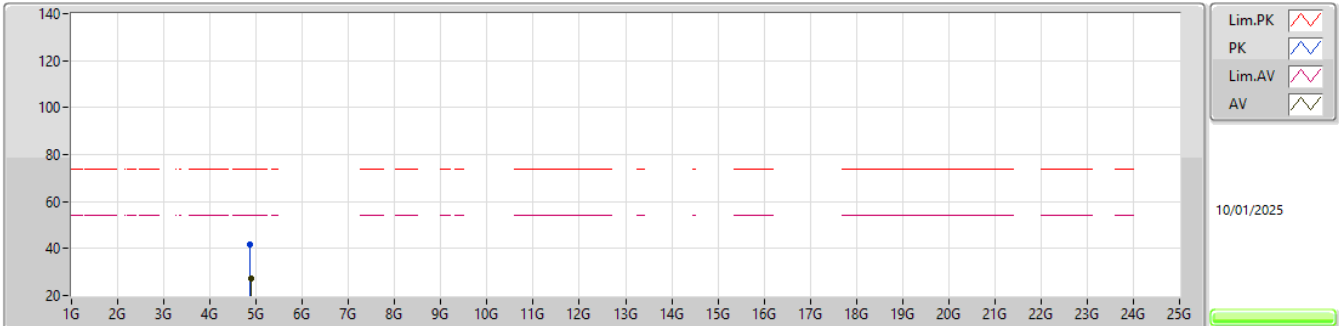
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



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

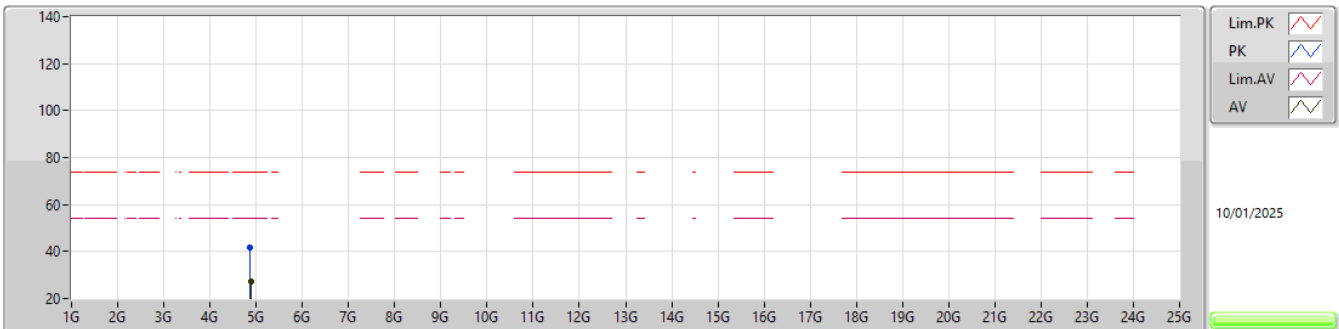
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.8872G	27.39	54.00	-26.61	33.96	3	Vertical	167	2.16	16	32.85	4.63	44.05
PK	4.8674G	41.68	74.00	-32.32	48.34	3	Vertical	167	2.16	16	32.77	4.62	44.05

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

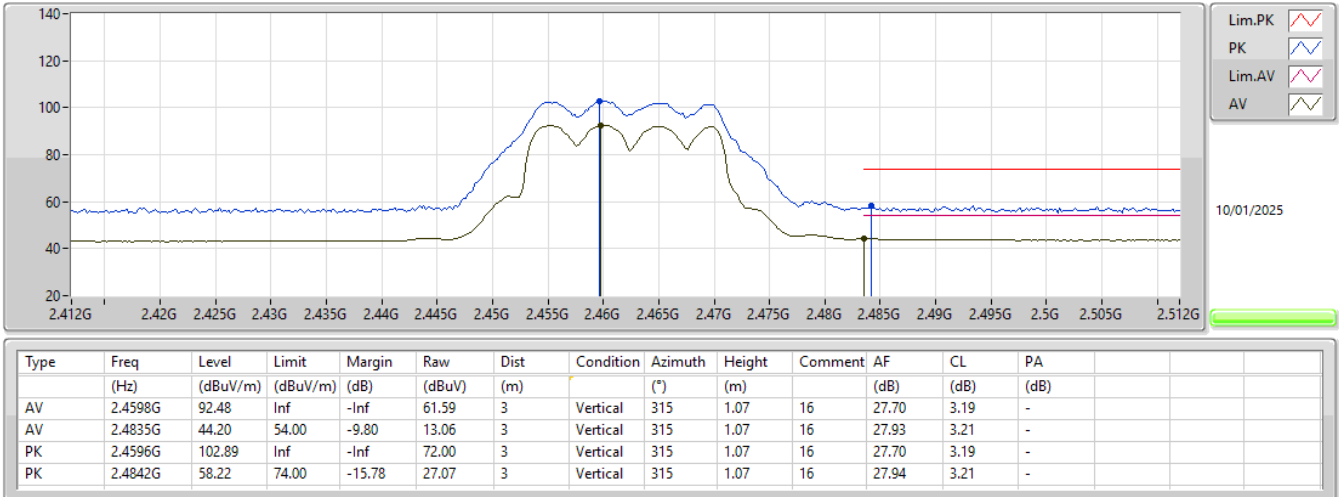
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.88804G	27.35	54.00	-26.65	33.92	3	Horizontal	89	1.50	16	32.85	4.63	44.05
PK	4.86608G	41.86	74.00	-32.14	48.53	3	Horizontal	89	1.50	16	32.76	4.62	44.05

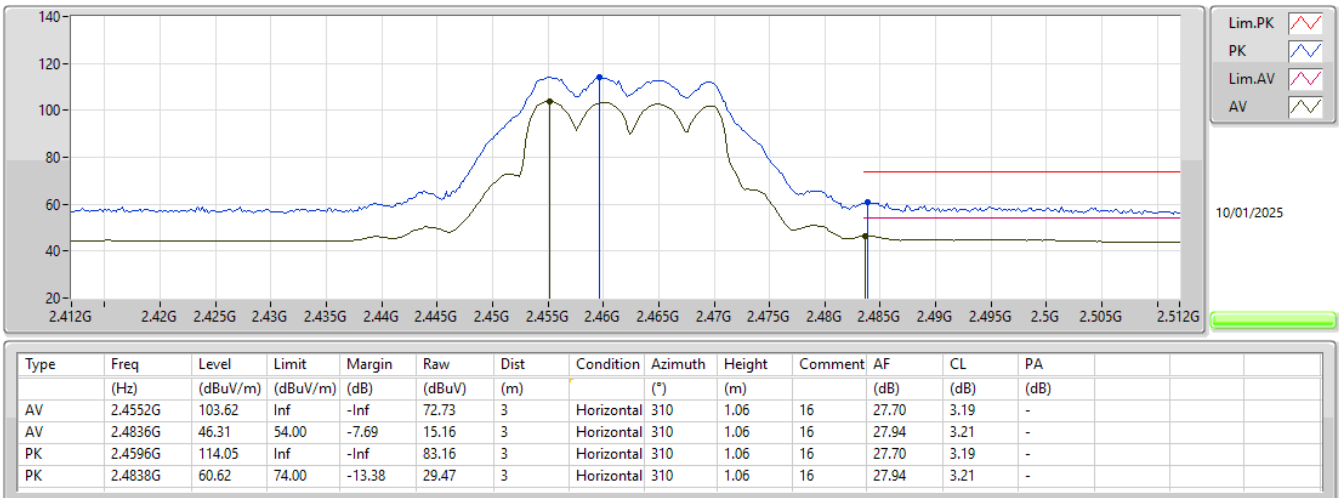
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



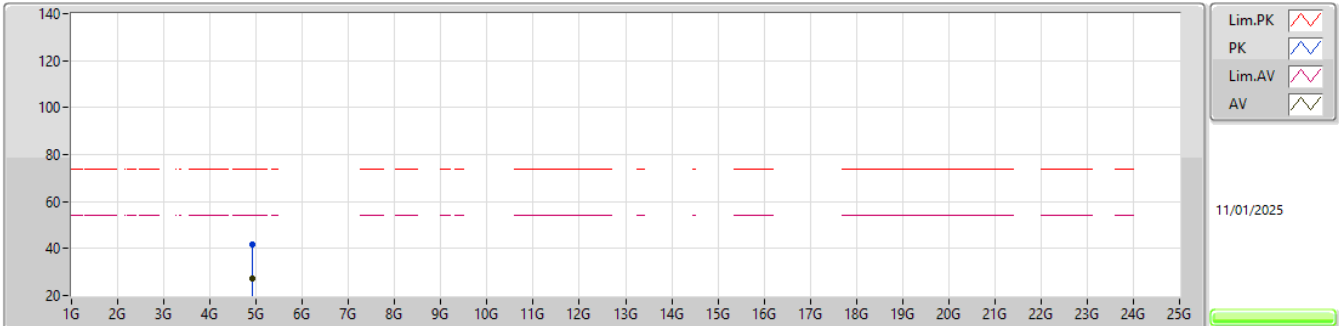
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



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

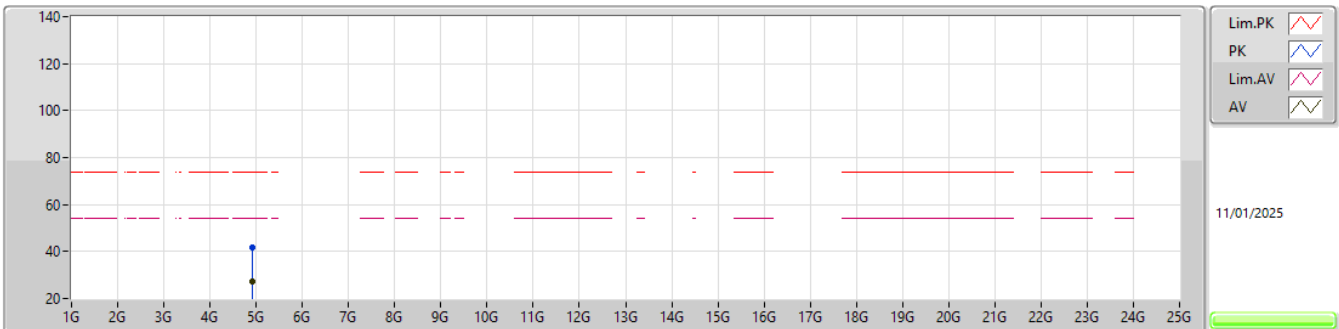
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.9261G	27.27	54.00	-26.73	33.53	3	Vertical	360	1.50	16	33.11	4.67	44.04
PK	4.92508G	41.66	74.00	-32.34	47.93	3	Vertical	360	1.50	16	33.10	4.67	44.04

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

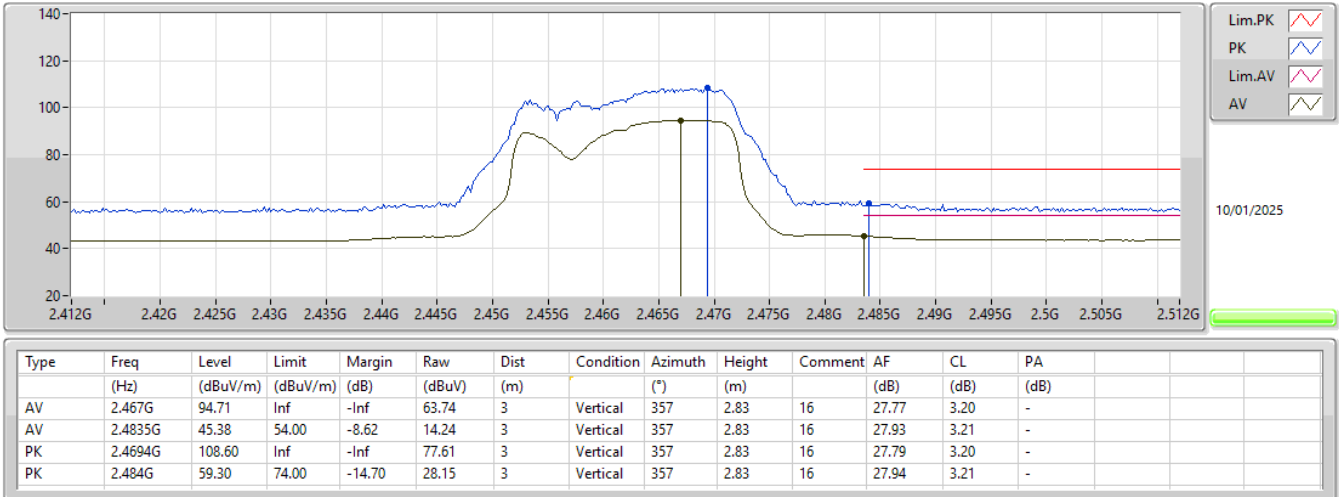
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.92472G	27.25	54.00	-26.75	33.52	3	Horizontal	360	1.50	16	33.10	4.67	44.04
PK	4.91236G	41.55	74.00	-32.45	47.94	3	Horizontal	360	1.50	16	33.00	4.66	44.05

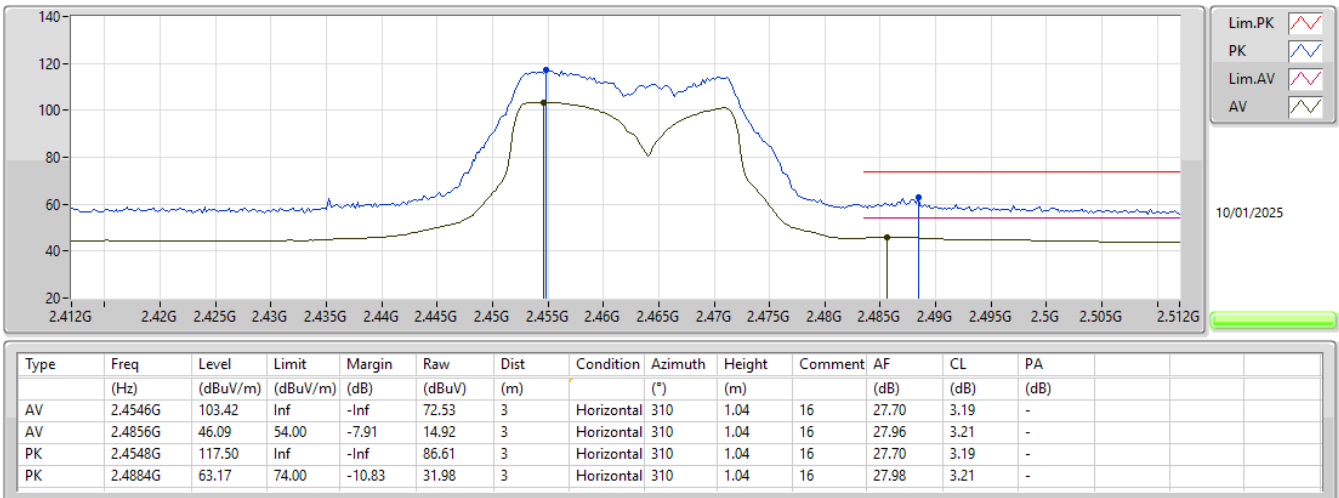
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



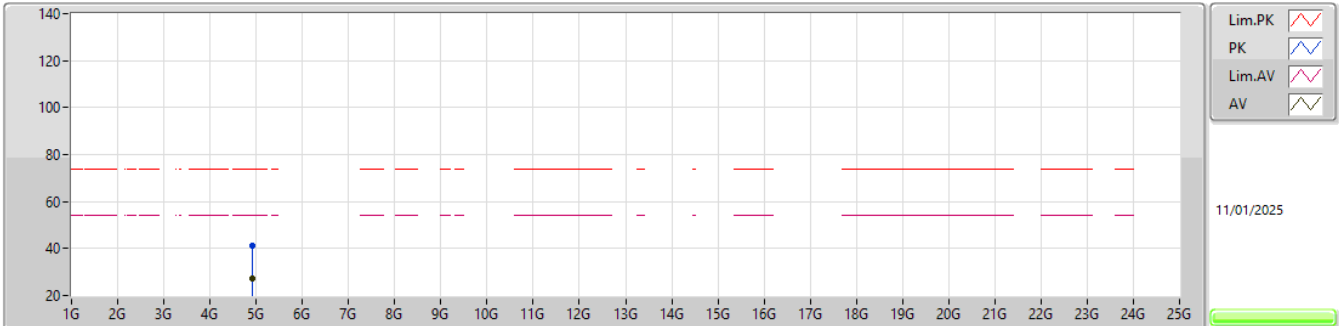
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



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

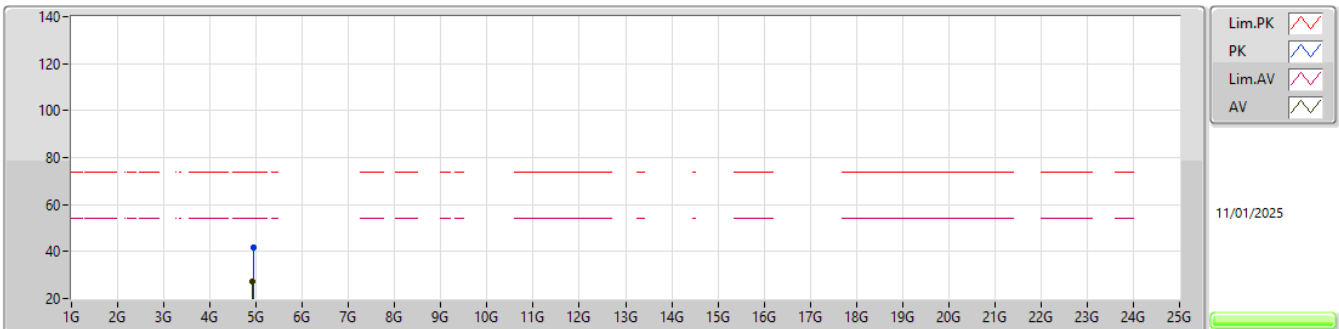
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.92736G	27.24	54.00	-26.76	33.49	3	Vertical	226	1.50	16	33.12	4.67	44.04
PK	4.91284G	41.44	74.00	-32.56	47.83	3	Vertical	226	1.50	16	33.00	4.66	44.05

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

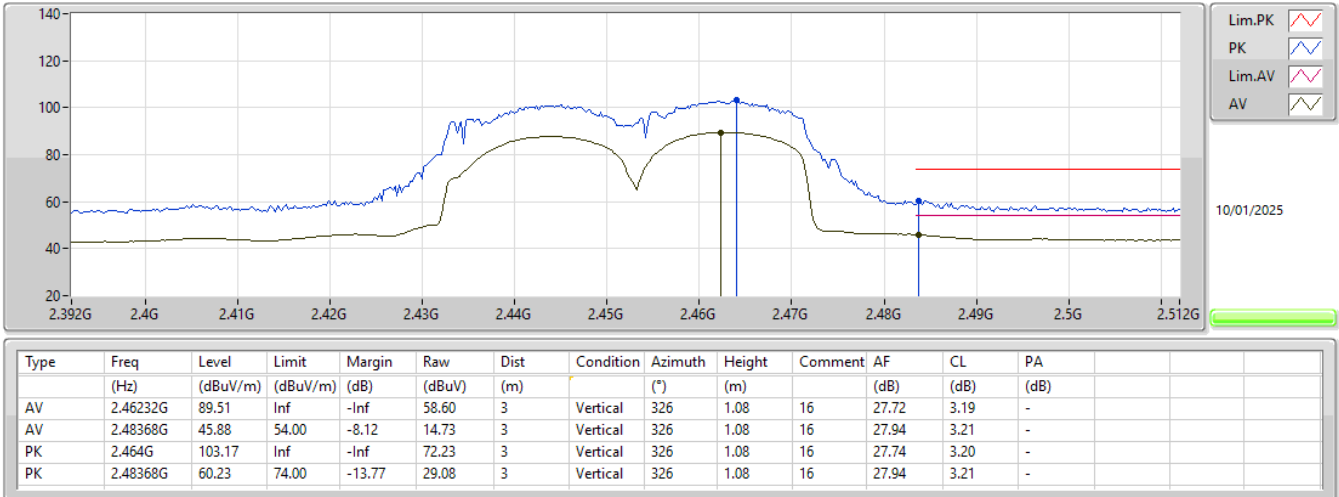
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.92502G	27.25	54.00	-26.75	33.52	3	Horizontal	117	1.63	16	33.10	4.67	44.04
PK	4.9315G	41.51	74.00	-32.49	47.73	3	Horizontal	117	1.63	16	33.15	4.67	44.04

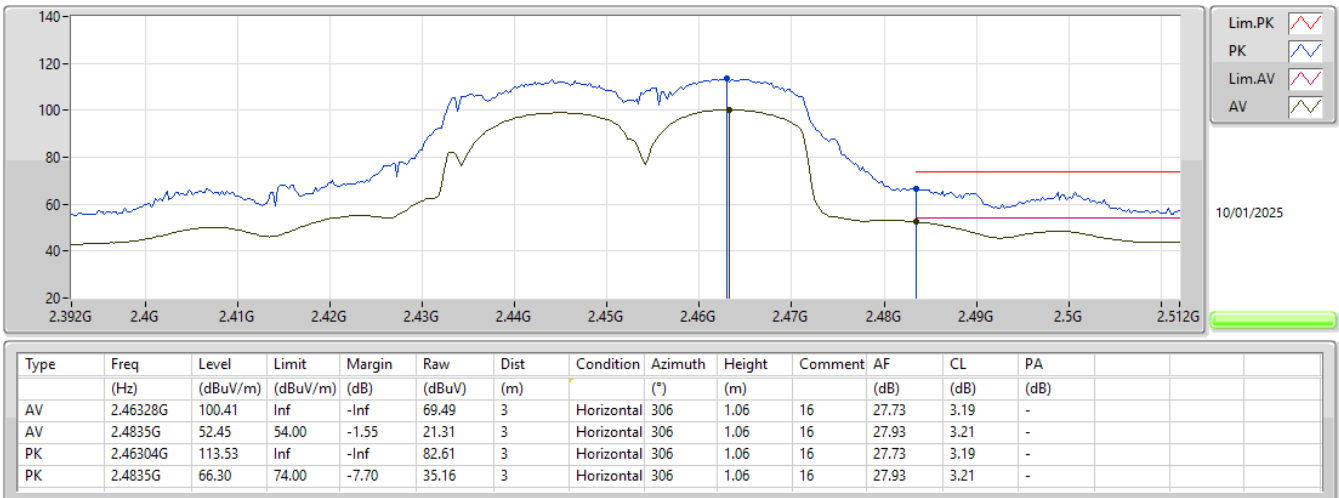
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



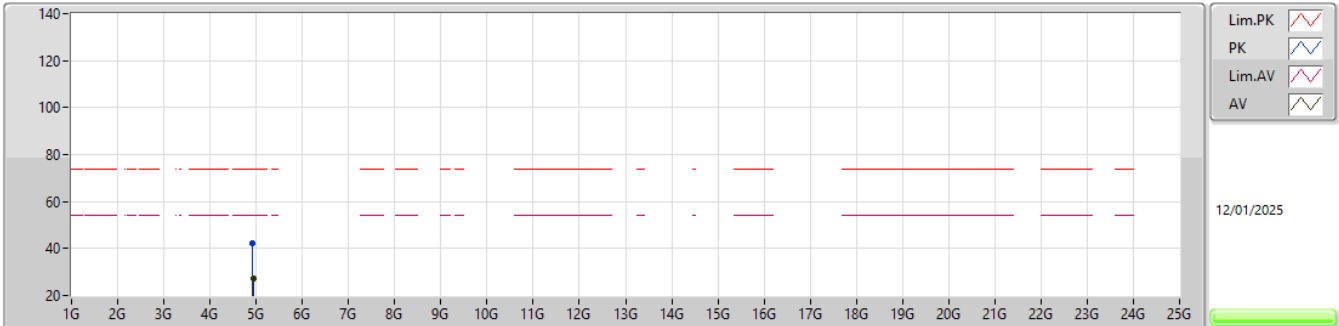
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



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

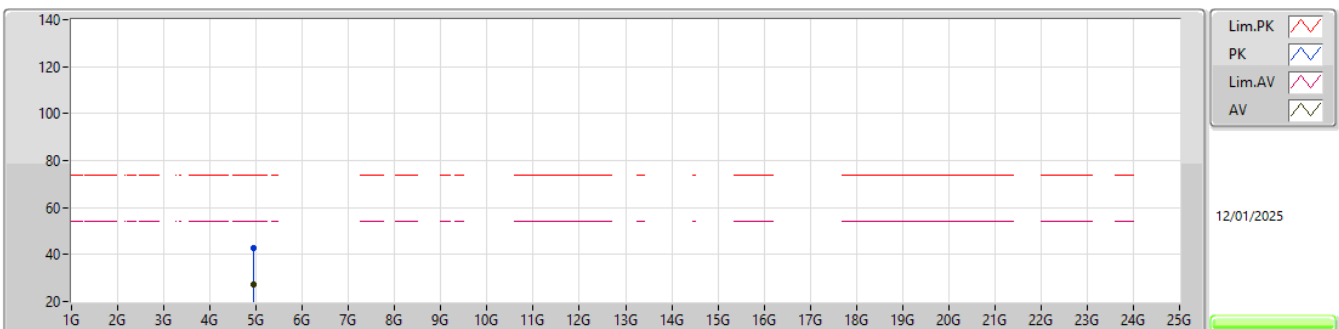
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.93328G	27.23	54.00	-26.77	33.43	3	Vertical	87	1.55	16	33.17	4.67	44.04
PK	4.92812G	42.27	74.00	-31.73	48.52	3	Vertical	87	1.55	16	33.12	4.67	44.04

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

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	4.931G	27.25	54.00	-26.75	33.47	3	Horizontal	291	1.50	16	33.15	4.67	44.04
PK	4.93148G	42.62	74.00	-31.38	48.84	3	Horizontal	291	1.50	16	33.15	4.67	44.04



Summary

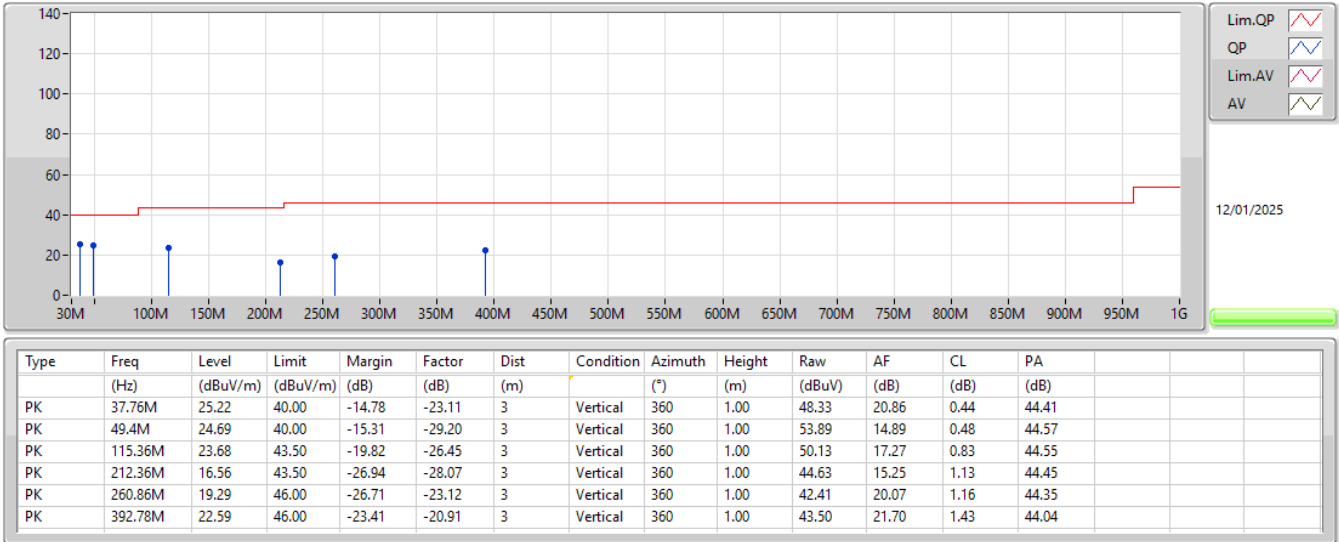
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	482.02M	33.03	46.00	-12.97	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	37.76M	25.22	40.00	-14.78	3	Vertical	360	1.00
2437MHz	Pass	PK	49.4M	24.69	40.00	-15.31	3	Vertical	360	1.00
2437MHz	Pass	PK	115.36M	23.68	43.50	-19.82	3	Vertical	360	1.00
2437MHz	Pass	PK	212.36M	16.56	43.50	-26.94	3	Vertical	360	1.00
2437MHz	Pass	PK	260.86M	19.29	46.00	-26.71	3	Vertical	360	1.00
2437MHz	Pass	PK	392.78M	22.59	46.00	-23.41	3	Vertical	360	1.00
2437MHz	Pass	PK	115.36M	19.91	43.50	-23.59	3	Horizontal	0	1.00
2437MHz	Pass	PK	218.18M	20.78	46.00	-25.22	3	Horizontal	0	1.00
2437MHz	Pass	PK	251.16M	26.13	46.00	-19.87	3	Horizontal	0	1.00
2437MHz	Pass	PK	350.1M	23.06	46.00	-22.94	3	Horizontal	0	1.00
2437MHz	Pass	PK	482.02M	33.03	46.00	-12.97	3	Horizontal	0	1.00
2437MHz	Pass	PK	709M	16.86	46.00	-29.14	3	Horizontal	0	1.00

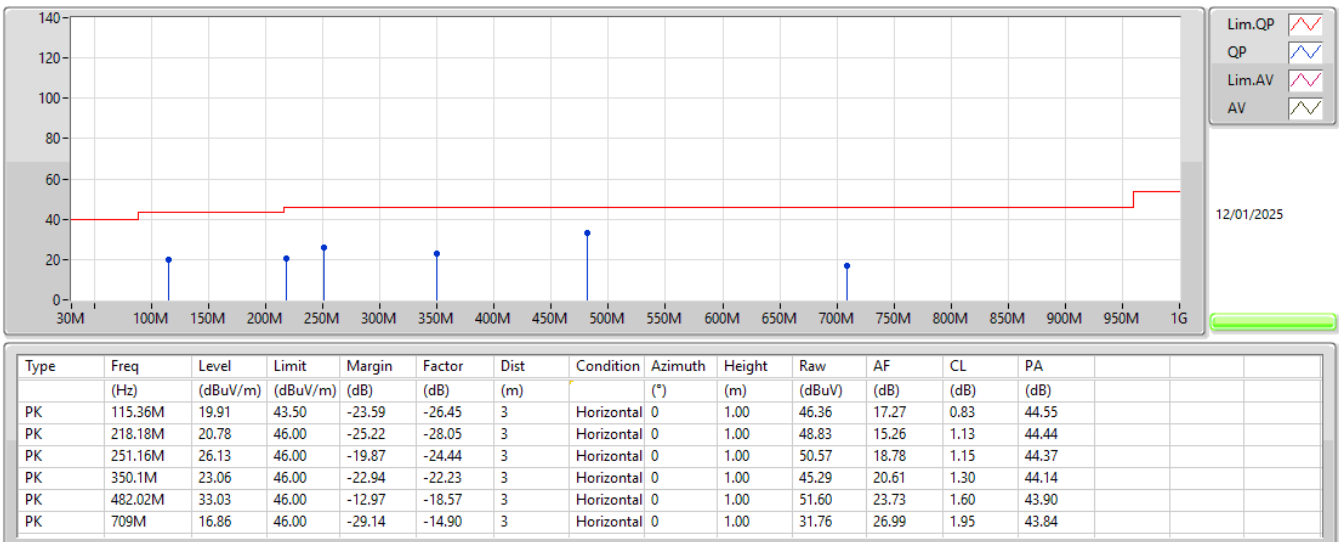
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_PoE



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

2437MHz_PoE



**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	2.4866G	45.42	54.00	-8.58	3	Horizontal	56	1.41
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	49.38	54.00	-4.62	3	Horizontal	56	1.02
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	47.10	54.00	-6.90	3	Horizontal	55	2.69
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4892G	53.74	54.00	-0.26	3	Horizontal	55	1.05

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	2.388G	42.84	54.00	-11.16	3	Vertical	119	1.17
2412MHz	Pass	AV	2.4128G	95.34	Inf	-Inf	3	Vertical	119	1.17
2412MHz	Pass	PK	2.3774G	57.06	74.00	-16.94	3	Vertical	119	1.17
2412MHz	Pass	PK	2.4128G	98.00	Inf	-Inf	3	Vertical	119	1.17
2412MHz	Pass	AV	2.3878G	42.81	54.00	-11.19	3	Horizontal	54	1.00
2412MHz	Pass	AV	2.4112G	113.36	Inf	-Inf	3	Horizontal	54	1.00
2412MHz	Pass	PK	2.3722G	56.68	74.00	-17.32	3	Horizontal	54	1.00
2412MHz	Pass	PK	2.4116G	115.81	Inf	-Inf	3	Horizontal	54	1.00
2412MHz	Pass	AV	4.824G	34.66	54.00	-19.34	3	Vertical	57	1.50
2412MHz	Pass	PK	4.82382G	43.12	74.00	-30.88	3	Vertical	57	1.50
2412MHz	Pass	AV	4.824G	41.17	54.00	-12.83	3	Horizontal	310	2.12
2412MHz	Pass	PK	4.82394G	53.32	74.00	-20.68	3	Horizontal	310	2.12
2437MHz	Pass	AV	2.36148G	42.80	54.00	-11.20	3	Vertical	325	2.80
2437MHz	Pass	AV	2.4354G	102.12	Inf	-Inf	3	Vertical	325	2.80
2437MHz	Pass	AV	2.48756G	43.67	54.00	-10.33	3	Vertical	325	2.80
2437MHz	Pass	PK	2.37556G	57.11	74.00	-16.89	3	Vertical	325	2.80
2437MHz	Pass	PK	2.4354G	104.71	Inf	-Inf	3	Vertical	325	2.80
2437MHz	Pass	PK	2.48532G	57.35	74.00	-16.65	3	Vertical	325	2.80
2437MHz	Pass	AV	2.37108G	42.81	54.00	-11.19	3	Horizontal	54	1.01
2437MHz	Pass	AV	2.43636G	112.94	Inf	-Inf	3	Horizontal	54	1.01
2437MHz	Pass	AV	2.4946G	43.88	54.00	-10.12	3	Horizontal	54	1.01
2437MHz	Pass	PK	2.36404G	57.68	74.00	-16.32	3	Horizontal	54	1.01
2437MHz	Pass	PK	2.43668G	115.35	Inf	-Inf	3	Horizontal	54	1.01
2437MHz	Pass	PK	2.4898G	57.77	74.00	-16.23	3	Horizontal	54	1.01
2437MHz	Pass	AV	4.87406G	29.03	54.00	-24.97	3	Vertical	21	1.04
2437MHz	Pass	PK	4.87418G	41.88	74.00	-32.12	3	Vertical	21	1.04
2437MHz	Pass	AV	4.87406G	30.70	54.00	-23.30	3	Horizontal	305	1.60
2437MHz	Pass	PK	4.87436G	49.48	74.00	-24.52	3	Horizontal	305	1.60
2462MHz	Pass	AV	2.4628G	104.34	Inf	-Inf	3	Vertical	8	2.84
2462MHz	Pass	AV	2.4835G	43.96	54.00	-10.04	3	Vertical	8	2.84
2462MHz	Pass	PK	2.4628G	107.01	Inf	-Inf	3	Vertical	8	2.84
2462MHz	Pass	PK	2.4958G	58.07	74.00	-15.93	3	Vertical	8	2.84
2462MHz	Pass	AV	2.4638G	111.95	Inf	-Inf	3	Horizontal	56	1.41
2462MHz	Pass	AV	2.4866G	45.42	54.00	-8.58	3	Horizontal	56	1.41
2462MHz	Pass	PK	2.464G	114.34	Inf	-Inf	3	Horizontal	56	1.41
2462MHz	Pass	PK	2.4848G	58.64	74.00	-15.36	3	Horizontal	56	1.41
2462MHz	Pass	AV	4.92394G	27.56	54.00	-26.44	3	Vertical	343	1.50
2462MHz	Pass	PK	4.92466G	42.44	74.00	-31.56	3	Vertical	343	1.50
2462MHz	Pass	AV	4.92394G	29.66	54.00	-24.34	3	Horizontal	303	3.00
2462MHz	Pass	PK	4.924G	56.32	74.00	-17.68	3	Horizontal	303	3.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3874G	42.80	54.00	-11.20	3	Vertical	118	1.17
2412MHz	Pass	AV	2.4134G	90.58	Inf	-Inf	3	Vertical	118	1.17
2412MHz	Pass	PK	2.377G	57.17	74.00	-16.83	3	Vertical	118	1.17
2412MHz	Pass	PK	2.4134G	102.07	Inf	-Inf	3	Vertical	118	1.17
2412MHz	Pass	AV	2.39G	43.01	54.00	-10.99	3	Horizontal	54	1.03
2412MHz	Pass	AV	2.4098G	107.76	Inf	-Inf	3	Horizontal	54	1.03
2412MHz	Pass	PK	2.3864G	57.25	74.00	-16.75	3	Horizontal	54	1.03
2412MHz	Pass	PK	2.4102G	117.99	Inf	-Inf	3	Horizontal	54	1.03
2412MHz	Pass	AV	4.8252G	29.85	54.00	-24.15	3	Vertical	20	1.01
2412MHz	Pass	PK	4.82484G	44.62	74.00	-29.38	3	Vertical	20	1.01
2412MHz	Pass	AV	4.82502G	28.31	54.00	-25.69	3	Horizontal	114	2.11
2412MHz	Pass	PK	4.82514G	54.03	74.00	-19.97	3	Horizontal	114	2.11
2437MHz	Pass	AV	2.36596G	42.79	54.00	-11.21	3	Vertical	328	2.79
2437MHz	Pass	AV	2.43636G	98.47	Inf	-Inf	3	Vertical	328	2.79
2437MHz	Pass	AV	2.48468G	43.65	54.00	-10.35	3	Vertical	328	2.79
2437MHz	Pass	PK	2.373G	57.03	74.00	-16.97	3	Vertical	328	2.79
2437MHz	Pass	PK	2.43572G	108.42	Inf	-Inf	3	Vertical	328	2.79
2437MHz	Pass	PK	2.49588G	57.66	74.00	-16.34	3	Vertical	328	2.79
2437MHz	Pass	AV	2.37364G	42.82	54.00	-11.18	3	Horizontal	56	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 1

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	2.4354G	107.20	Inf	-Inf	3	Horizontal	56	1.50
2437MHz	Pass	AV	2.48532G	44.24	54.00	-9.76	3	Horizontal	56	1.50
2437MHz	Pass	PK	2.36276G	57.01	74.00	-16.99	3	Horizontal	56	1.50
2437MHz	Pass	PK	2.43508G	117.41	Inf	-Inf	3	Horizontal	56	1.50
2437MHz	Pass	PK	2.48468G	58.65	74.00	-15.35	3	Horizontal	56	1.50
2437MHz	Pass	AV	4.88834G	27.23	54.00	-26.77	3	Vertical	91	1.50
2437MHz	Pass	PK	4.87964G	41.52	74.00	-32.48	3	Vertical	91	1.50
2437MHz	Pass	AV	4.88846G	27.26	54.00	-26.74	3	Horizontal	163	1.50
2437MHz	Pass	PK	4.87508G	46.21	74.00	-27.79	3	Horizontal	163	1.50
2462MHz	Pass	AV	2.4612G	98.25	Inf	-Inf	3	Vertical	331	3.00
2462MHz	Pass	AV	2.486G	44.25	54.00	-9.75	3	Vertical	331	3.00
2462MHz	Pass	PK	2.461G	108.17	Inf	-Inf	3	Vertical	331	3.00
2462MHz	Pass	PK	2.4934G	58.37	74.00	-15.63	3	Vertical	331	3.00
2462MHz	Pass	AV	2.4602G	107.97	Inf	-Inf	3	Horizontal	56	1.02
2462MHz	Pass	AV	2.4836G	49.38	54.00	-4.62	3	Horizontal	56	1.02
2462MHz	Pass	PK	2.4606G	118.96	Inf	-Inf	3	Horizontal	56	1.02
2462MHz	Pass	PK	2.4836G	64.12	74.00	-9.88	3	Horizontal	56	1.02
2462MHz	Pass	AV	4.9243G	27.54	54.00	-26.46	3	Vertical	237	2.94
2462MHz	Pass	PK	4.92526G	46.36	74.00	-27.64	3	Vertical	237	2.94
2462MHz	Pass	AV	4.92598G	27.73	54.00	-26.27	3	Horizontal	142	2.22
2462MHz	Pass	PK	4.9246G	57.20	74.00	-16.80	3	Horizontal	142	2.22
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	42.83	54.00	-11.17	3	Vertical	112	1.50
2412MHz	Pass	AV	2.4128G	90.88	Inf	-Inf	3	Vertical	112	1.50
2412MHz	Pass	PK	2.3714G	56.78	74.00	-17.22	3	Vertical	112	1.50
2412MHz	Pass	PK	2.4114G	103.97	Inf	-Inf	3	Vertical	112	1.50
2412MHz	Pass	AV	2.39G	43.44	54.00	-10.56	3	Horizontal	53	1.02
2412MHz	Pass	AV	2.4126G	109.32	Inf	-Inf	3	Horizontal	53	1.02
2412MHz	Pass	PK	2.3772G	57.87	74.00	-16.13	3	Horizontal	53	1.02
2412MHz	Pass	PK	2.4134G	122.34	Inf	-Inf	3	Horizontal	53	1.02
2412MHz	Pass	AV	4.82688G	29.07	54.00	-24.93	3	Vertical	22	1.00
2412MHz	Pass	PK	4.82484G	43.59	74.00	-30.41	3	Vertical	22	1.00
2412MHz	Pass	AV	4.81482G	28.64	54.00	-25.36	3	Horizontal	305	2.99
2412MHz	Pass	PK	4.8252G	55.95	74.00	-18.05	3	Horizontal	305	2.99
2437MHz	Pass	AV	2.3698G	42.82	54.00	-11.18	3	Vertical	350	2.90
2437MHz	Pass	AV	2.43604G	98.97	Inf	-Inf	3	Vertical	350	2.90
2437MHz	Pass	AV	2.48916G	43.75	54.00	-10.25	3	Vertical	350	2.90
2437MHz	Pass	PK	2.36404G	57.17	74.00	-16.83	3	Vertical	350	2.90
2437MHz	Pass	PK	2.43572G	111.87	Inf	-Inf	3	Vertical	350	2.90
2437MHz	Pass	PK	2.48596G	58.12	74.00	-15.88	3	Vertical	350	2.90
2437MHz	Pass	AV	2.36404G	42.80	54.00	-11.20	3	Horizontal	54	2.47
2437MHz	Pass	AV	2.43604G	105.68	Inf	-Inf	3	Horizontal	54	2.47
2437MHz	Pass	AV	2.48372G	44.28	54.00	-9.72	3	Horizontal	54	2.47
2437MHz	Pass	PK	2.36756G	56.96	74.00	-17.04	3	Horizontal	54	2.47
2437MHz	Pass	PK	2.43604G	118.18	Inf	-Inf	3	Horizontal	54	2.47
2437MHz	Pass	PK	2.49588G	58.46	74.00	-15.54	3	Horizontal	54	2.47
2437MHz	Pass	AV	4.88846G	27.26	54.00	-26.74	3	Vertical	360	2.49
2437MHz	Pass	PK	4.88132G	41.51	74.00	-32.49	3	Vertical	360	2.49
2437MHz	Pass	AV	4.8866G	27.19	54.00	-26.81	3	Horizontal	360	1.50
2437MHz	Pass	PK	4.88114G	41.34	74.00	-32.66	3	Horizontal	360	1.50
2462MHz	Pass	AV	2.4612G	98.82	Inf	-Inf	3	Vertical	351	2.83
2462MHz	Pass	AV	2.4835G	44.34	54.00	-9.66	3	Vertical	351	2.83
2462MHz	Pass	PK	2.4602G	111.80	Inf	-Inf	3	Vertical	351	2.83
2462MHz	Pass	PK	2.4946G	58.04	74.00	-15.96	3	Vertical	351	2.83
2462MHz	Pass	AV	2.4608G	105.78	Inf	-Inf	3	Horizontal	55	2.69
2462MHz	Pass	AV	2.4835G	47.10	54.00	-6.90	3	Horizontal	55	2.69
2462MHz	Pass	PK	2.4606G	119.53	Inf	-Inf	3	Horizontal	55	2.69
2462MHz	Pass	PK	2.4836G	60.03	74.00	-13.97	3	Horizontal	55	2.69
2462MHz	Pass	AV	4.92478G	27.53	54.00	-26.47	3	Vertical	33	1.50
2462MHz	Pass	PK	4.92388G	41.57	74.00	-32.43	3	Vertical	33	1.50
2462MHz	Pass	AV	4.92352G	27.52	54.00	-26.48	3	Horizontal	145	1.56
2462MHz	Pass	PK	4.9219G	50.86	74.00	-23.14	3	Horizontal	145	1.56



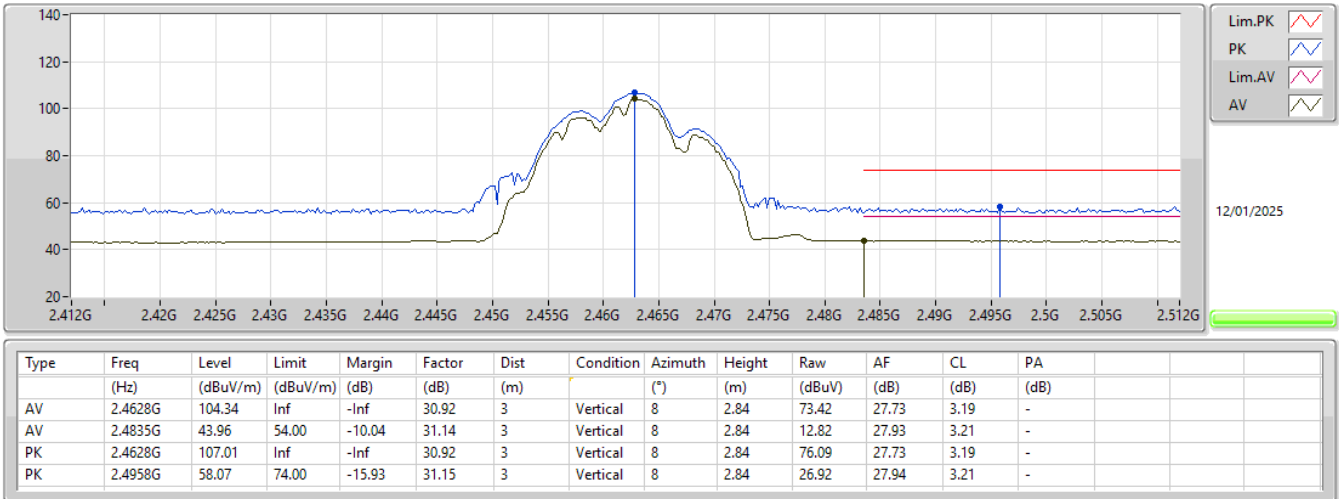
RSE TX above 1GHz_Non-Beamforming_Radio 1

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	2.38984G	42.83	54.00	-11.17	3	Vertical	319	1.00
2422MHz	Pass	AV	2.42296G	95.74	Inf	-Inf	3	Vertical	319	1.00
2422MHz	Pass	PK	2.36416G	57.13	74.00	-16.87	3	Vertical	319	1.00
2422MHz	Pass	PK	2.42296G	109.15	Inf	-Inf	3	Vertical	319	1.00
2422MHz	Pass	AV	2.39G	42.97	54.00	-11.03	3	Horizontal	58	1.00
2422MHz	Pass	AV	2.42296G	106.48	Inf	-Inf	3	Horizontal	58	1.00
2422MHz	Pass	PK	2.38936G	56.91	74.00	-17.09	3	Horizontal	58	1.00
2422MHz	Pass	PK	2.42296G	119.77	Inf	-Inf	3	Horizontal	58	1.00
2422MHz	Pass	AV	4.8296G	28.01	54.00	-25.99	3	Vertical	20	1.05
2422MHz	Pass	PK	4.84928G	41.97	74.00	-32.03	3	Vertical	20	1.05
2422MHz	Pass	AV	4.83008G	29.27	54.00	-24.73	3	Horizontal	306	2.05
2422MHz	Pass	PK	4.83368G	46.64	74.00	-27.36	3	Horizontal	306	2.05
2437MHz	Pass	AV	2.38676G	42.82	54.00	-11.18	3	Vertical	322	1.00
2437MHz	Pass	AV	2.43796G	95.07	Inf	-Inf	3	Vertical	322	1.00
2437MHz	Pass	AV	2.4835G	44.11	54.00	-9.89	3	Vertical	322	1.00
2437MHz	Pass	PK	2.36212G	56.85	74.00	-17.15	3	Vertical	322	1.00
2437MHz	Pass	PK	2.4354G	108.40	Inf	-Inf	3	Vertical	322	1.00
2437MHz	Pass	PK	2.49236G	58.57	74.00	-15.43	3	Vertical	322	1.00
2437MHz	Pass	AV	2.38996G	42.83	54.00	-11.17	3	Horizontal	54	1.00
2437MHz	Pass	AV	2.43796G	106.58	Inf	-Inf	3	Horizontal	54	1.00
2437MHz	Pass	AV	2.4835G	46.88	54.00	-7.12	3	Horizontal	54	1.00
2437MHz	Pass	PK	2.37012G	57.31	74.00	-16.69	3	Horizontal	54	1.00
2437MHz	Pass	PK	2.43604G	119.54	Inf	-Inf	3	Horizontal	54	1.00
2437MHz	Pass	PK	2.49044G	61.97	74.00	-12.03	3	Horizontal	54	1.00
2437MHz	Pass	AV	4.86416G	28.10	54.00	-25.90	3	Vertical	122	2.92
2437MHz	Pass	PK	4.87112G	42.08	74.00	-31.92	3	Vertical	122	2.92
2437MHz	Pass	AV	4.88252G	30.37	54.00	-23.63	3	Horizontal	147	1.50
2437MHz	Pass	PK	4.87508G	49.64	74.00	-24.36	3	Horizontal	147	1.50
2452MHz	Pass	AV	2.45296G	95.77	Inf	-Inf	3	Vertical	7	1.00
2452MHz	Pass	AV	2.48752G	45.84	54.00	-8.16	3	Vertical	7	1.00
2452MHz	Pass	PK	2.4532G	109.10	Inf	-Inf	3	Vertical	7	1.00
2452MHz	Pass	PK	2.48776G	60.51	74.00	-13.49	3	Vertical	7	1.00
2452MHz	Pass	AV	2.45296G	106.85	Inf	-Inf	3	Horizontal	55	1.05
2452MHz	Pass	AV	2.4892G	53.74	54.00	-0.26	3	Horizontal	55	1.05
2452MHz	Pass	PK	2.45296G	119.90	Inf	-Inf	3	Horizontal	55	1.05
2452MHz	Pass	PK	2.49016G	70.57	74.00	-3.43	3	Horizontal	55	1.05
2452MHz	Pass	AV	4.92572G	27.57	54.00	-26.43	3	Vertical	336	1.74
2452MHz	Pass	PK	4.90304G	41.80	74.00	-32.20	3	Vertical	336	1.74
2452MHz	Pass	AV	4.92728G	27.63	54.00	-26.37	3	Horizontal	279	2.56
2452MHz	Pass	PK	4.91012G	52.30	74.00	-21.70	3	Horizontal	279	2.56

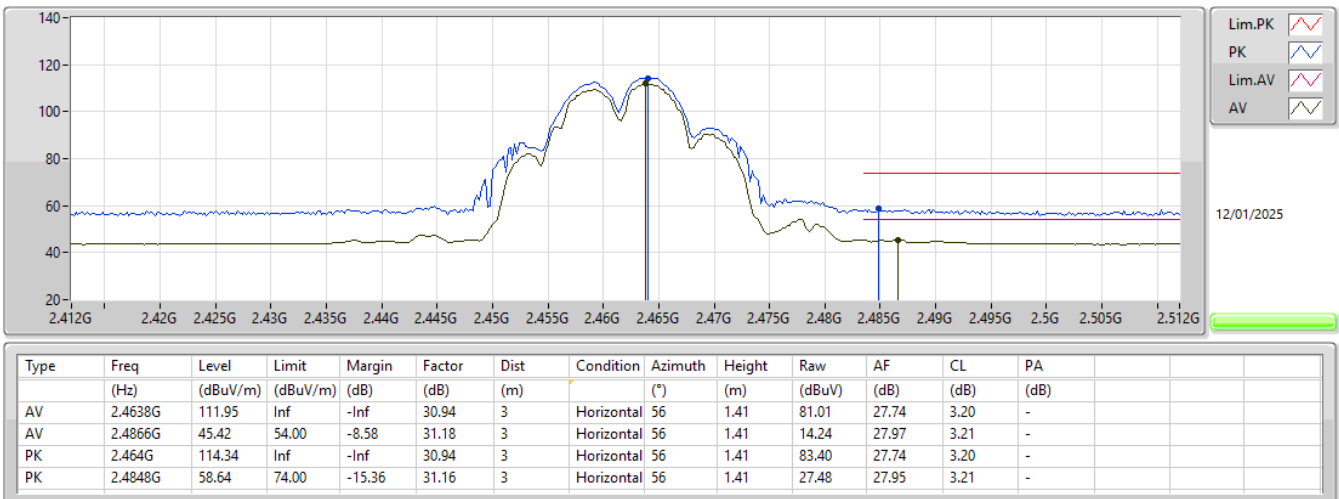
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



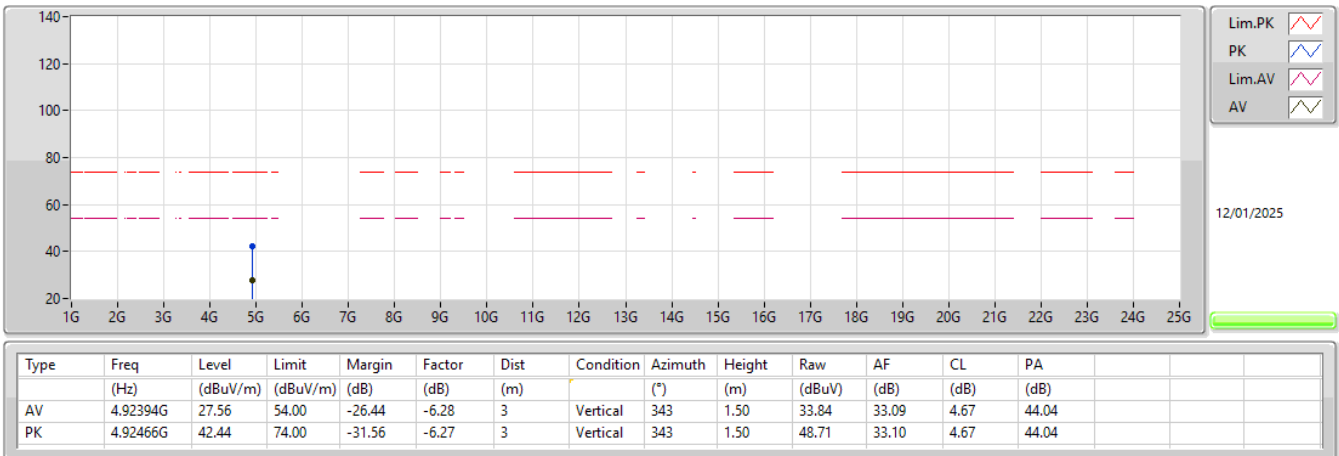
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



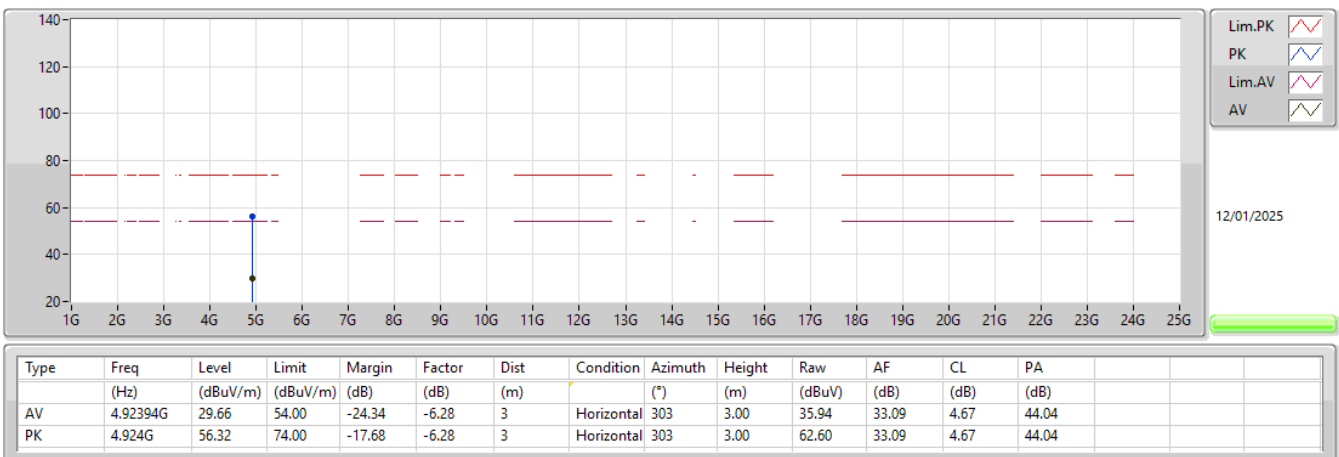
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



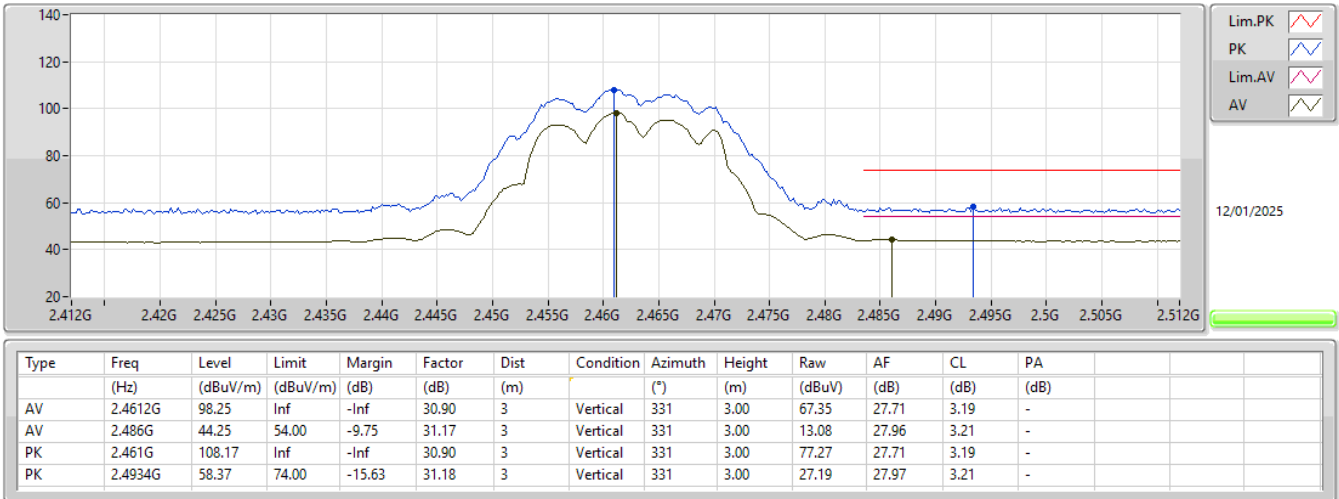
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



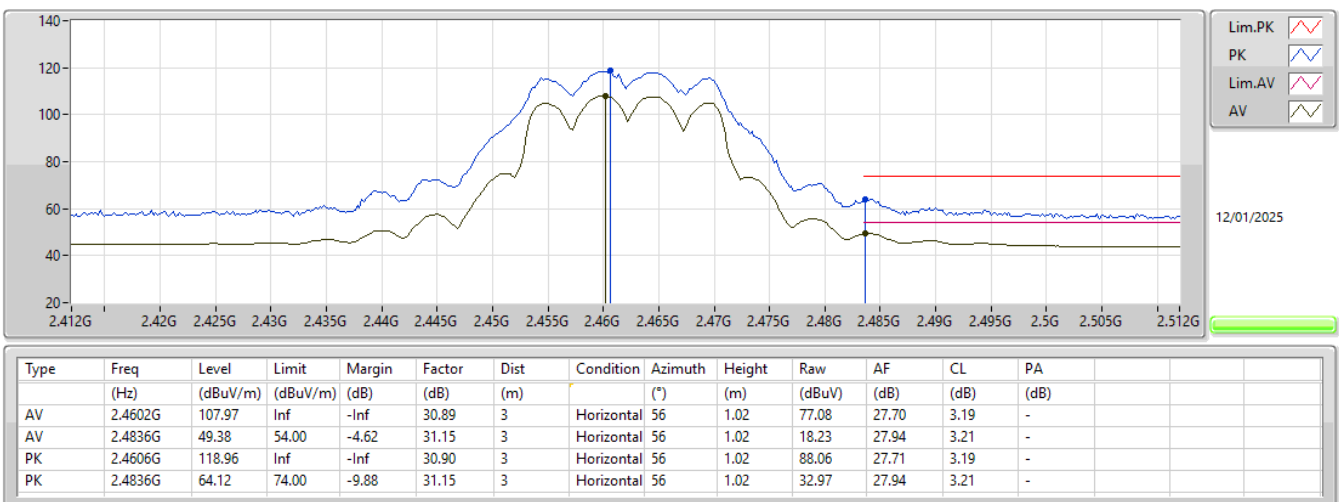
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



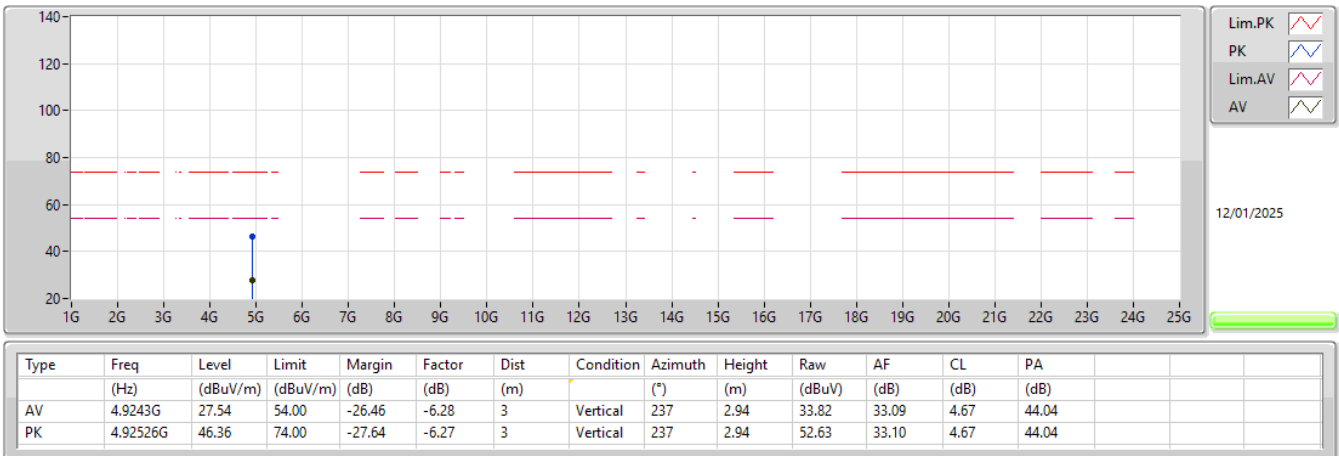
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



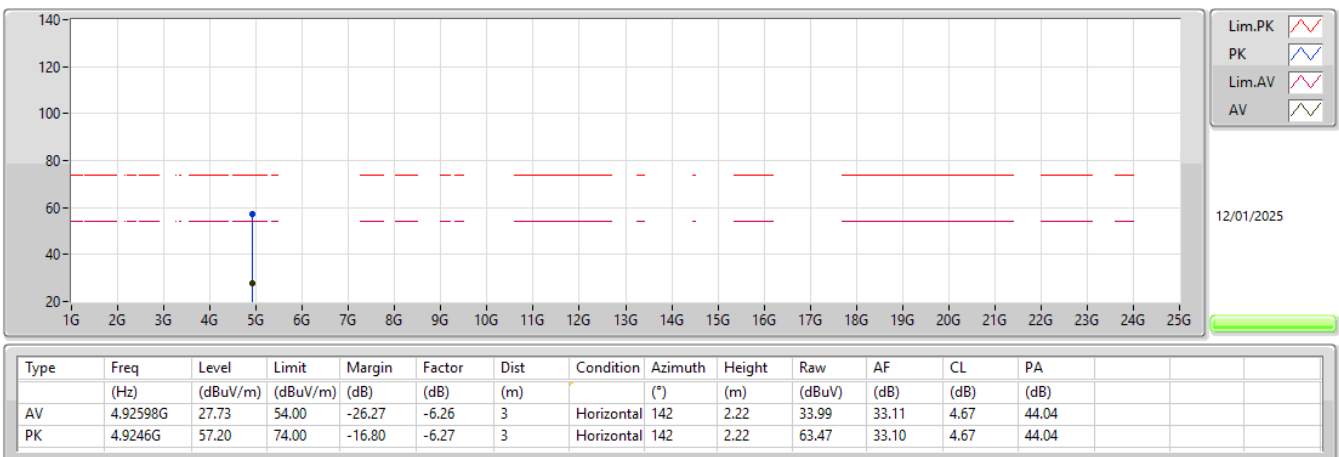
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



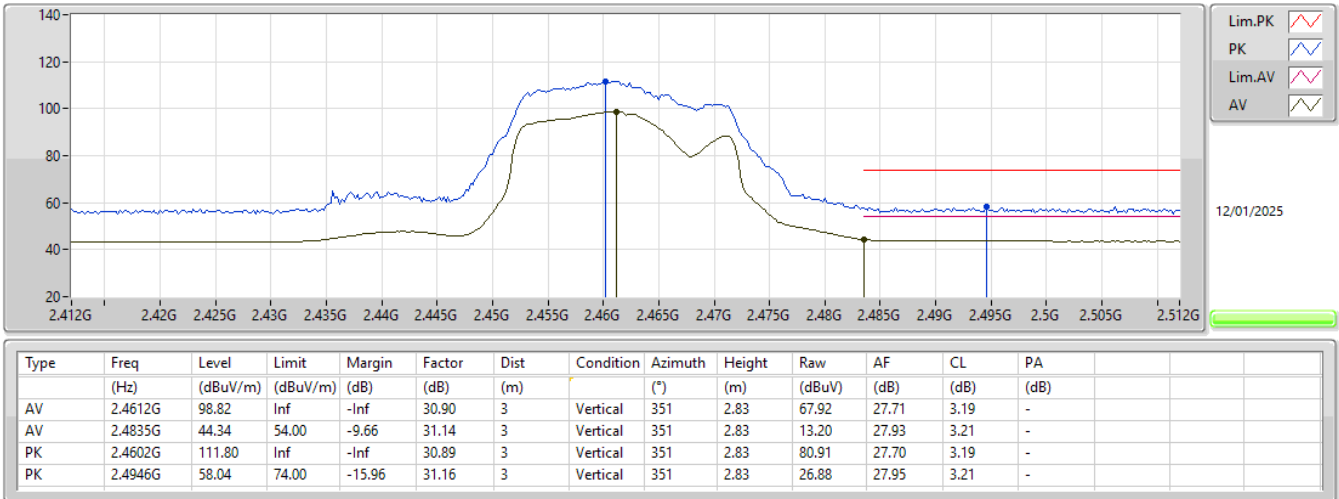
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



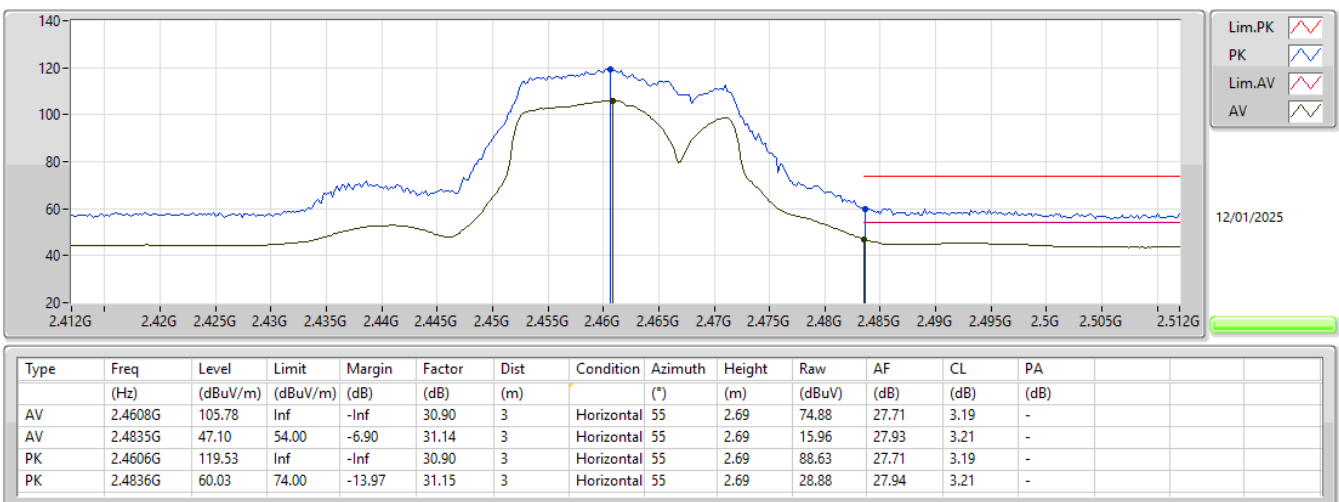
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



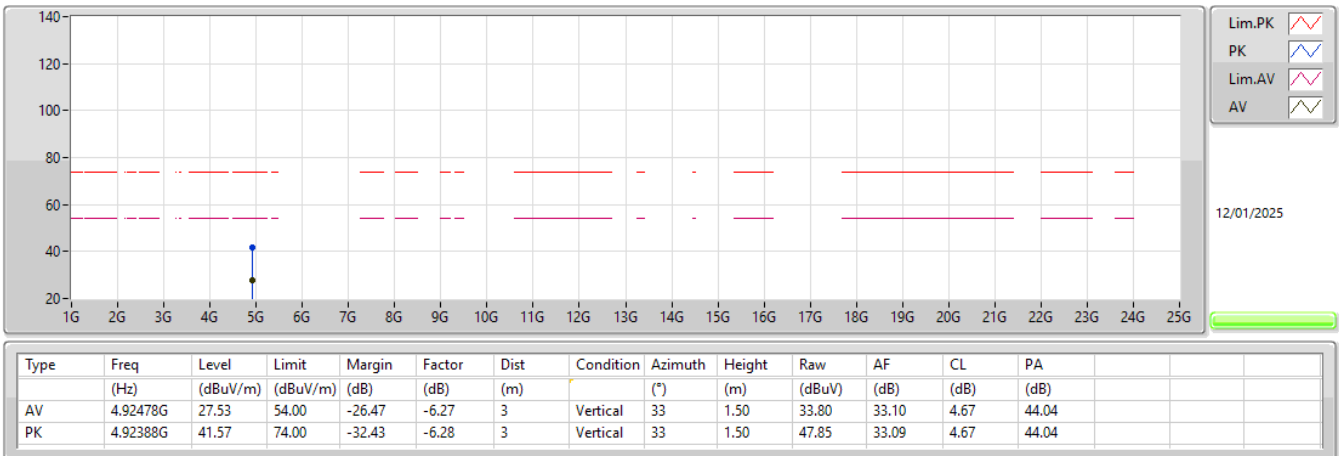
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



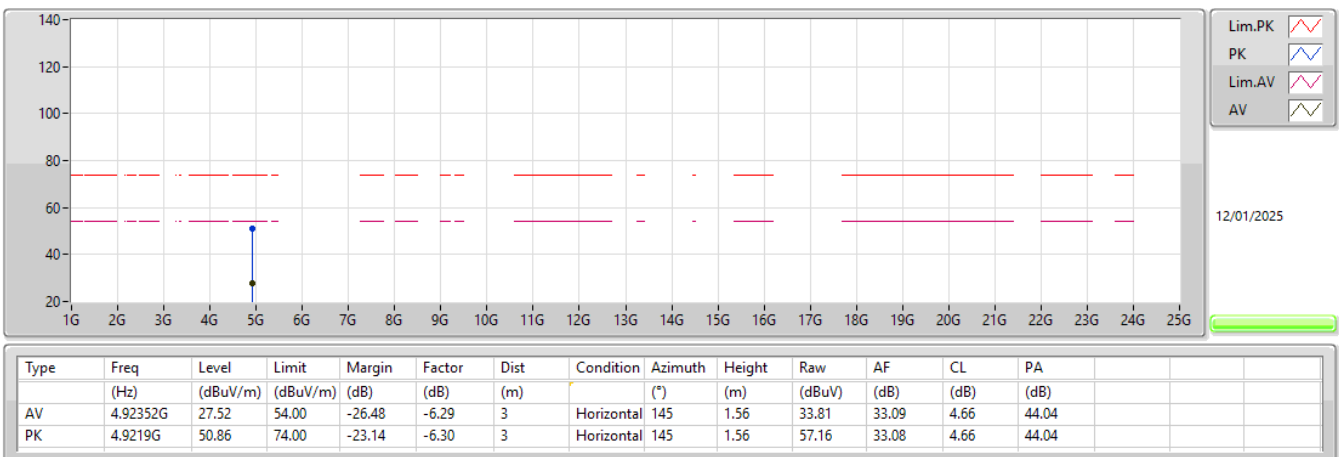
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



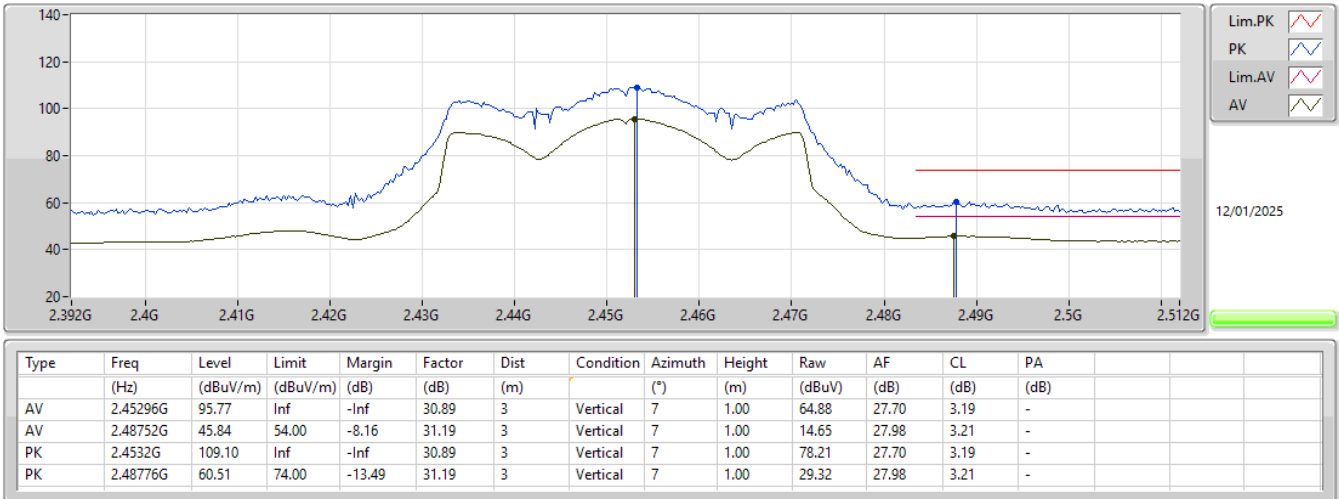
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



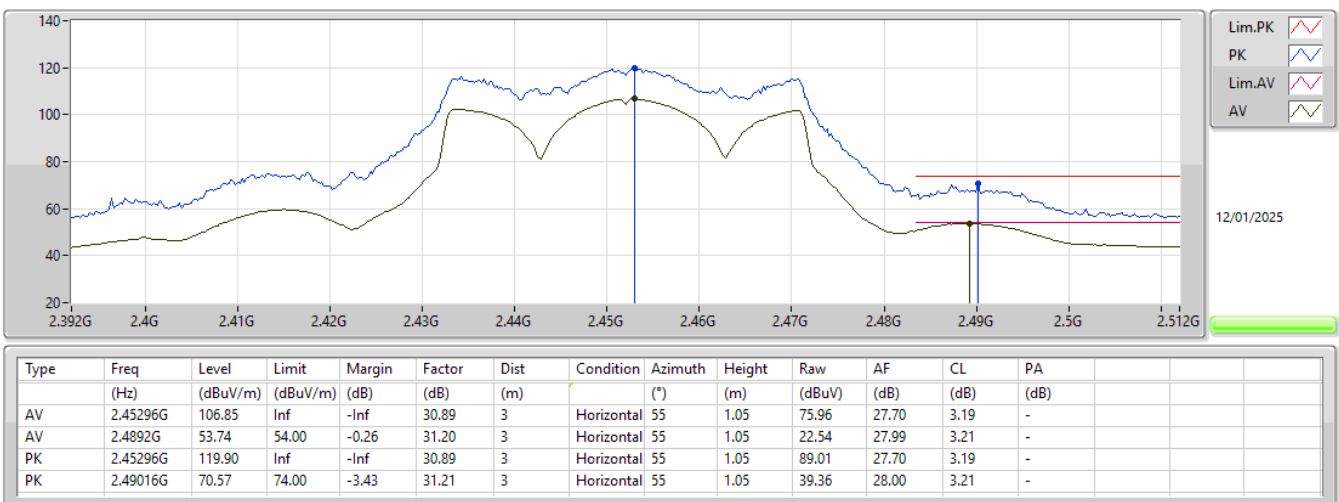
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



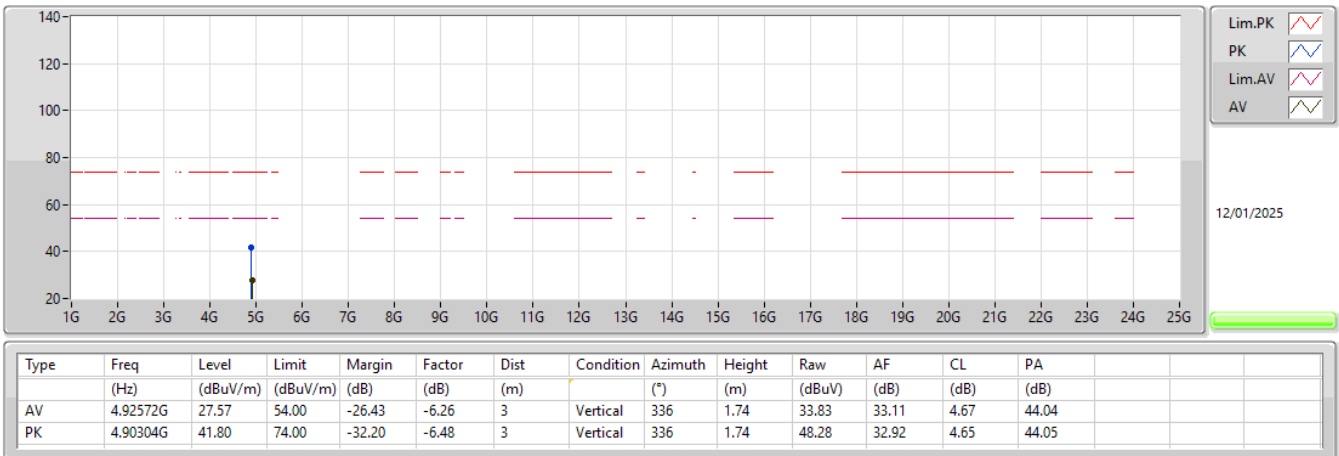
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



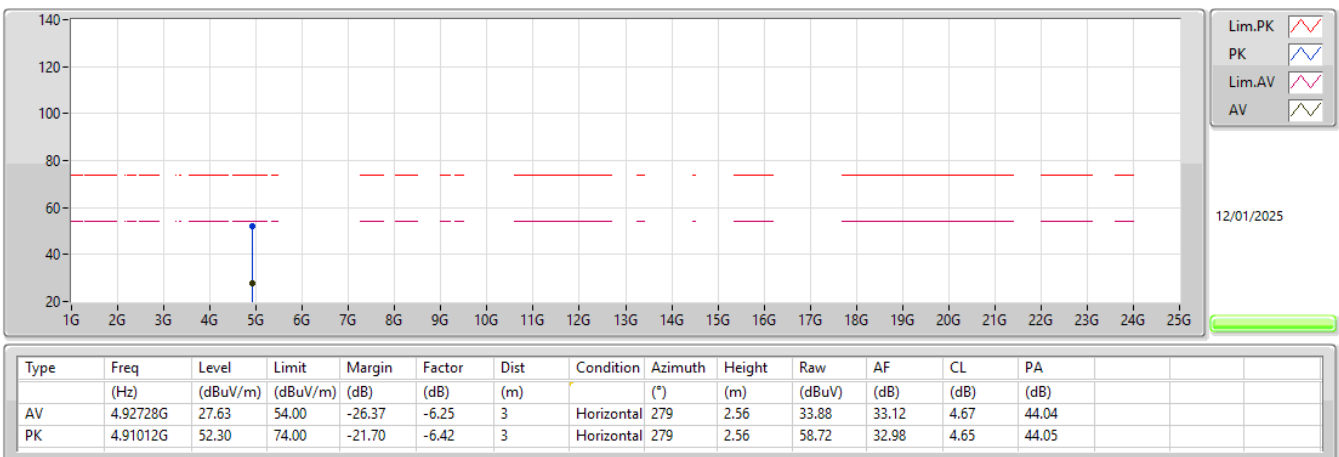
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



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

2452MHz_TX





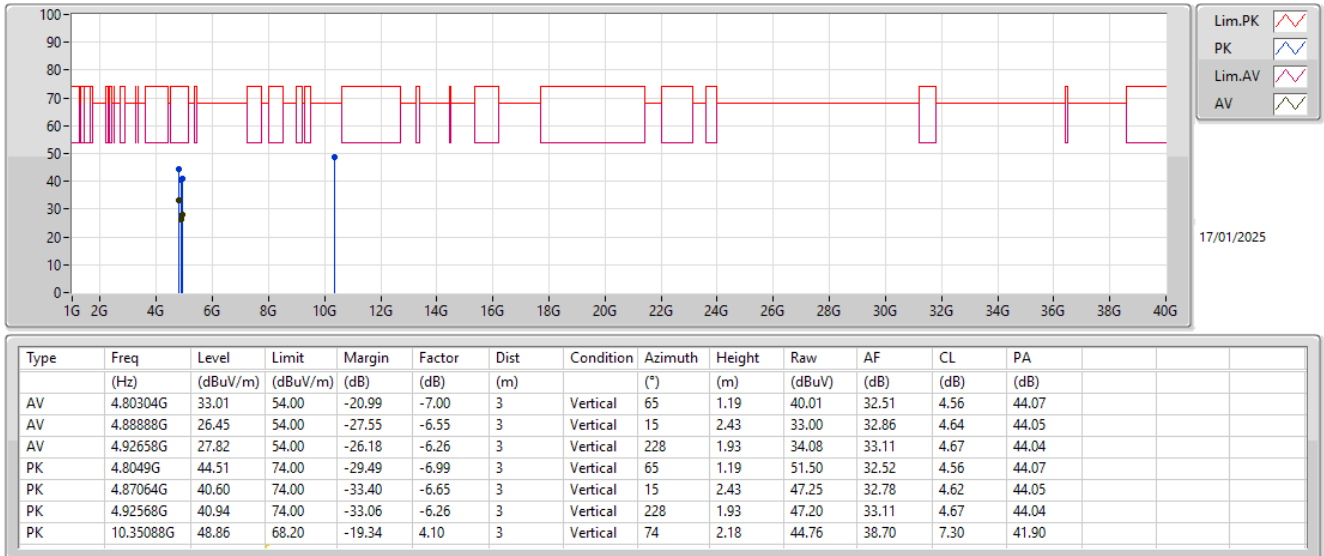
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.80304G	38.95	54.00	-15.05	Horizontal
Mode 2	Pass	AV	4.80484G	37.65	54.00	-16.35	Horizontal

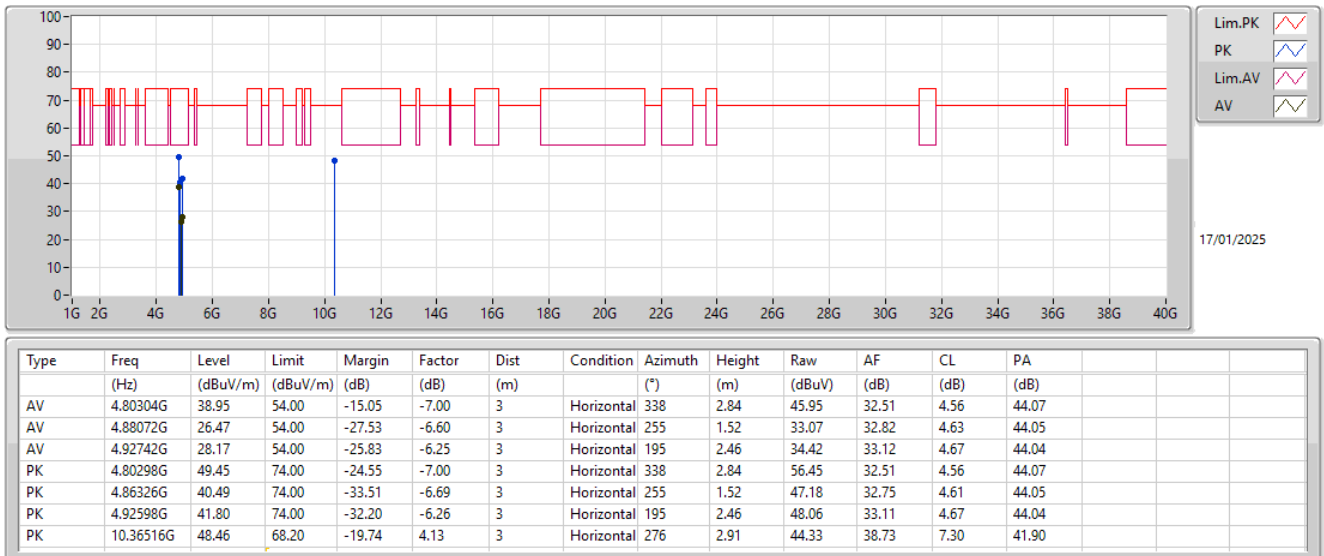
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.80304G	33.01	54.00	-20.99	3	Vertical	65	1.19
Mode 1	Pass	AV	4.88888G	26.45	54.00	-27.55	3	Vertical	15	2.43
Mode 1	Pass	AV	4.92658G	27.82	54.00	-26.18	3	Vertical	228	1.93
Mode 1	Pass	PK	4.8049G	44.51	74.00	-29.49	3	Vertical	65	1.19
Mode 1	Pass	PK	4.87064G	40.60	74.00	-33.40	3	Vertical	15	2.43
Mode 1	Pass	PK	4.92568G	40.94	74.00	-33.06	3	Vertical	228	1.93
Mode 1	Pass	PK	10.35088G	48.86	68.20	-19.34	3	Vertical	74	2.18
Mode 1	Pass	AV	4.80304G	38.95	54.00	-15.05	3	Horizontal	338	2.84
Mode 1	Pass	AV	4.88072G	26.47	54.00	-27.53	3	Horizontal	255	1.52
Mode 1	Pass	AV	4.92742G	28.17	54.00	-25.83	3	Horizontal	195	2.46
Mode 1	Pass	PK	4.80298G	49.45	74.00	-24.55	3	Horizontal	338	2.84
Mode 1	Pass	PK	4.86326G	40.49	74.00	-33.51	3	Horizontal	255	1.52
Mode 1	Pass	PK	4.92598G	41.80	74.00	-32.20	3	Horizontal	195	2.46
Mode 1	Pass	PK	10.36516G	48.46	68.20	-19.74	3	Horizontal	276	2.91
Mode 2	Pass	AV	4.80298G	33.63	54.00	-20.37	3	Vertical	66	1.18
Mode 2	Pass	AV	4.87982G	26.75	54.00	-27.25	3	Vertical	354	1.74
Mode 2	Pass	PK	4.80304G	44.63	74.00	-29.37	3	Vertical	66	1.18
Mode 2	Pass	PK	4.8773G	40.63	74.00	-33.37	3	Vertical	354	1.74
Mode 2	Pass	PK	10.34674G	48.54	68.20	-19.66	3	Vertical	43	1.12
Mode 2	Pass	PK	10.34866G	47.97	68.20	-20.23	3	Vertical	314	1.99
Mode 2	Pass	AV	4.80484G	37.65	54.00	-16.35	3	Horizontal	97	2.52
Mode 2	Pass	AV	4.87718G	26.86	54.00	-27.14	3	Horizontal	58	1.38
Mode 2	Pass	PK	4.80502G	48.07	74.00	-25.93	3	Horizontal	97	2.52
Mode 2	Pass	PK	4.87316G	41.19	74.00	-32.81	3	Horizontal	58	1.38
Mode 2	Pass	PK	10.35034G	48.96	68.20	-19.24	3	Horizontal	106	2.55
Mode 2	Pass	PK	10.37116G	49.27	68.20	-18.93	3	Horizontal	56	1.06

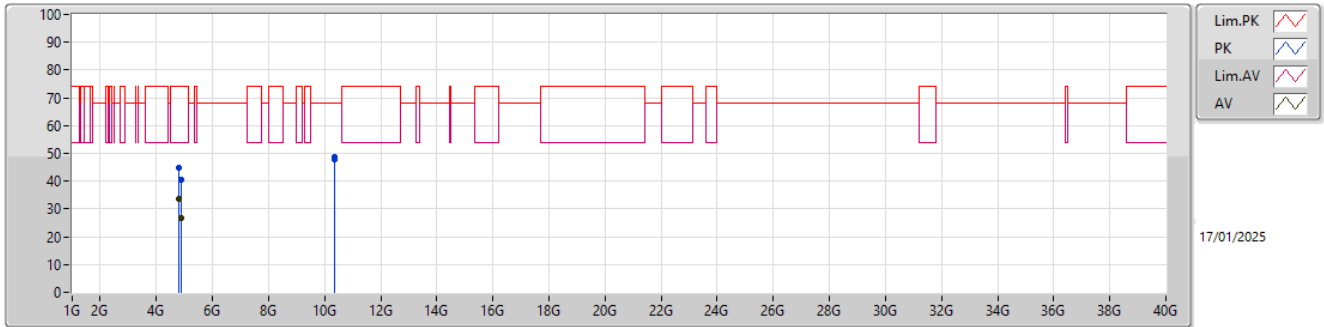
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

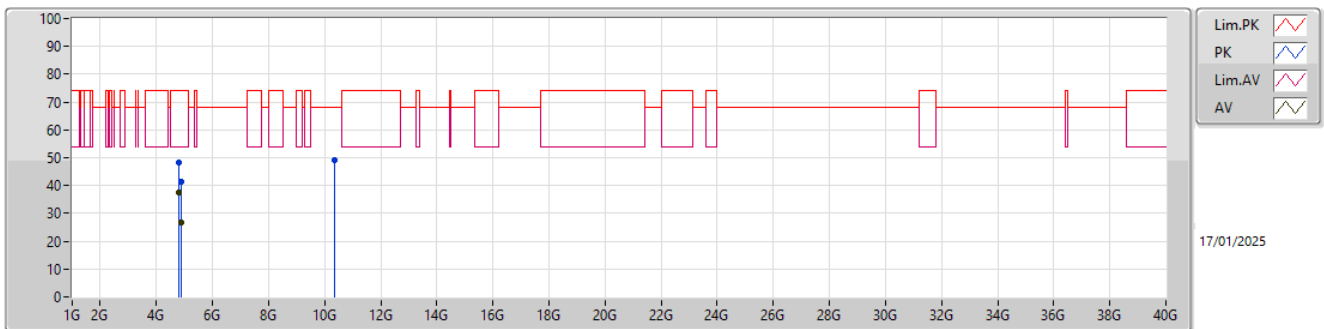


Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80298G	33.63	54.00	-20.37	-7.00	3	Vertical	66	1.18	40.63	32.51	4.56	44.07
AV	4.87982G	26.75	54.00	-27.25	-6.60	3	Vertical	354	1.74	33.35	32.82	4.63	44.05
PK	4.80304G	44.63	74.00	-29.37	-7.00	3	Vertical	66	1.18	51.63	32.51	4.56	44.07
PK	4.8773G	40.63	74.00	-33.37	-6.61	3	Vertical	354	1.74	47.24	32.81	4.63	44.05
PK	10.34674G	48.54	68.20	-19.66	4.10	3	Vertical	43	1.12	44.44	38.70	7.30	41.90
PK	10.34866G	47.97	68.20	-20.23	4.10	3	Vertical	314	1.99	43.87	38.70	7.30	41.90

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80484G	37.65	54.00	-16.35	-6.99	3	Horizontal	97	2.52	44.64	32.52	4.56	44.07
AV	4.87718G	26.86	54.00	-27.14	-6.61	3	Horizontal	58	1.38	33.47	32.81	4.63	44.05
PK	4.80502G	48.07	74.00	-25.93	-6.99	3	Horizontal	97	2.52	55.06	32.52	4.56	44.07
PK	4.87316G	41.19	74.00	-32.81	-6.64	3	Horizontal	58	1.38	47.83	32.79	4.62	44.05
PK	10.35034G	48.96	68.20	-19.24	4.10	3	Horizontal	106	2.55	44.86	38.70	7.30	41.90
PK	10.37116G	49.27	68.20	-18.93	4.14	3	Horizontal	56	1.06	45.13	38.74	7.31	41.91