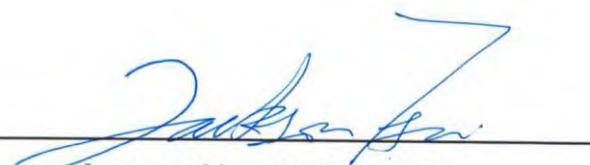


FCC Radio Test Report

Contains FCC ID : RI7LE910CXWWX, 2AAS9-WMDS183G2
FCC ID : TVE-251021
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 222KLxxxxxxxxxx,
FAP-222KLxxxxxxxxxx,
FORTIAP-222KLxxxxxxxxxx (Where "x" can
be used as "A-Z", or "0-9", or "-", or blank)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 28, 2025, and testing was started from Nov. 24, 2025 and completed on Jan. 20, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR5O2712AC	01	Initial issue of report	Feb. 11, 2026

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Debby Hung

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

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

Beamforming

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

Note:

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



1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	1	AWAN	7102A1358000	Dipole	N-type	WWAN
2	1	AWAN	7102A1361000	Dipole	N-type	LoRa
3	1	AWAN	7102A1357000	Dipole	N-type	2.4G+5G
4	2	AWAN	7102A1357000	Dipole	N-type	2.4G+5G
5	1	AWAN	7102A1359000	Patch	N-type	GPS

Note : Antenna 1 Gain See note 2.

Ant.	Port	Gain (dBi)				Remark
		Lora	2.4G	5G	GPS	
2	1	3.7	-	-	-	LoRa
3	1	-	4.9	6.6	-	2.4G+5G
4	2	-	4.5	6.4	-	2.4G+5G
5	1	-	-	-	2.01	GPS

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

Note 2:

Operating Band	Freq. (MHz)	Antenna Gain
☒ LTE Band 2	1850-1910	4.2
☒ LTE Band 4	1710-1755	4.1
☒ LTE Band 5	824-849	3.3
☒ LTE Band 7	2500-2570	2.6
☒ LTE Band 8	880-915	3.2
☒ LTE Band 12	699-716	2.5
☒ LTE Band 13	777-787	3.5
☒ LTE Band 14	788-798	3.5
☒ LTE Band 25	1850-1915	4.2
☒ LTE Band 26	814-849	3.3

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	12.628m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
FORTINET	FortiAP 222KLxxxxxxx, FAP-222KLxxxxxxx, FORTIAP-222KLxxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank)	All the models are identical, the difference model for difference brand served as marketing strategy.

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 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	17.3~18.1°C / 55~62%	20/Jan/2026
RF Conducted	TH07-HY	Yulin Chen	23.8~24.3°C / 53~56%	01/Dec/2025~10/Dec/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	21.0~21.6°C / 52~57%	30/Dec/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
Radiated	03CH25-HY	Rian Chung	19~20.3°C / 50~53%	24/Nov/2025~25/Nov/2025

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099
-----------------------	------------------------------------

Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	22
2437MHz	22
2462MHz	22
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	22
2437MHz	22
2462MHz	22
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	22
2437MHz	22
2462MHz	22
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	22
2437MHz	22
2452MHz	22

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	22
2437MHz	22
2462MHz	22
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	22
2437MHz	22
2452MHz	22

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 ; WIFI 2.4G TX

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

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



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz+LoRa+WWAN
Refer to Sporton Test Report No.: FA502712 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
PoE Adapter	Brand Name	Senao Inc.	Model Name	PIN060-54PR
	Power Rating	I/P: 10-240Vac,1.5A, 50-60 Hz, O/P: 54Vdc, 1.11A		
AC Cord	Brand Name	I-SHENG	Model Name	AC CORD 600mm
	Signal Line	0.5 meters, non-shielded cable, w/o ferrite core		
Bracket Pole Mount	Brand Name	CUN SHENG	Model Name	BRACKET POLE MOUNT LFP
Bracket Wall Mount	Brand Name	Enrack	Model Name	BRACKET WALL MOUNT
Pole Mount Bracket*2	Brand Name	CUN SHENG	Model Name	6301A2873010
Ground Wire	Brand Name	BO YAO	Model Name	WIRE GEN AWG10 180cm
	Signal Line	1.8 meters, non-shielded cable, w/o ferrite core		
Wi-Fi Antenna*2	Brand Name	AWAN	Model Name	7102A1357000
LoRa Antenna*1	Brand Name	AWAN	Model Name	7102A1361000
LTE Antenna	Brand Name	AWAN	Model Name	7102A1358000
GPS Antenna	Brand Name	AWAN	Model Name	7102A1359000

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

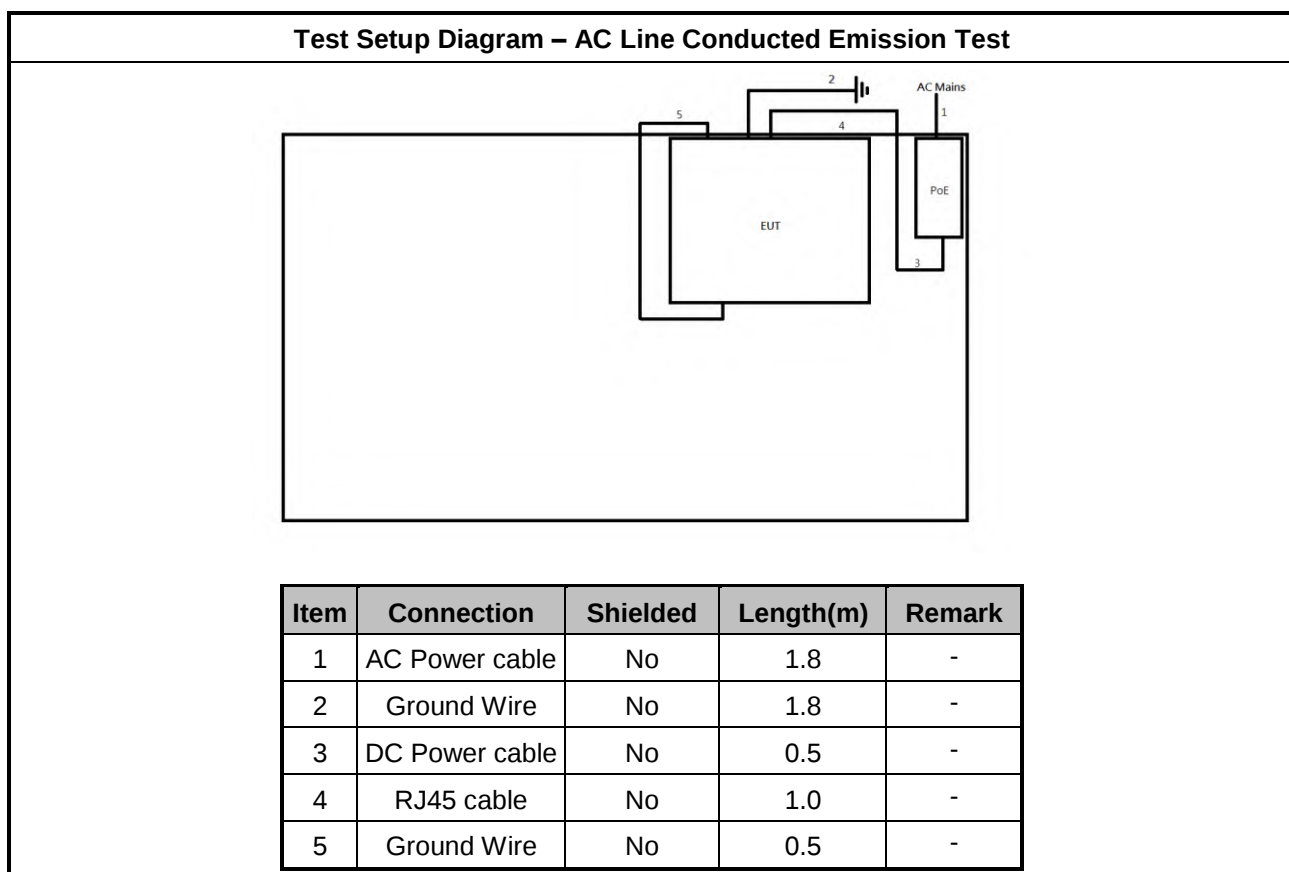
2.4 Support Equipment

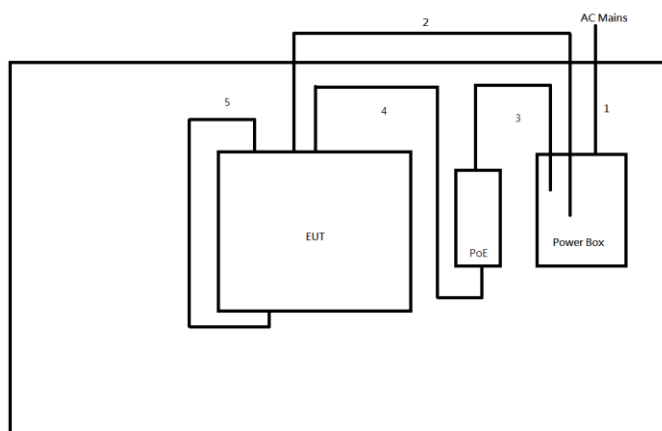
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-01	-	-

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable*2	Power sync	CAT-6E-01	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	Ground Wire	No	1.8	-
3	DC Power cable	No	0.5	-
4	RJ45 cable	No	1.0	-
5	Ground Wire	No	0.5	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

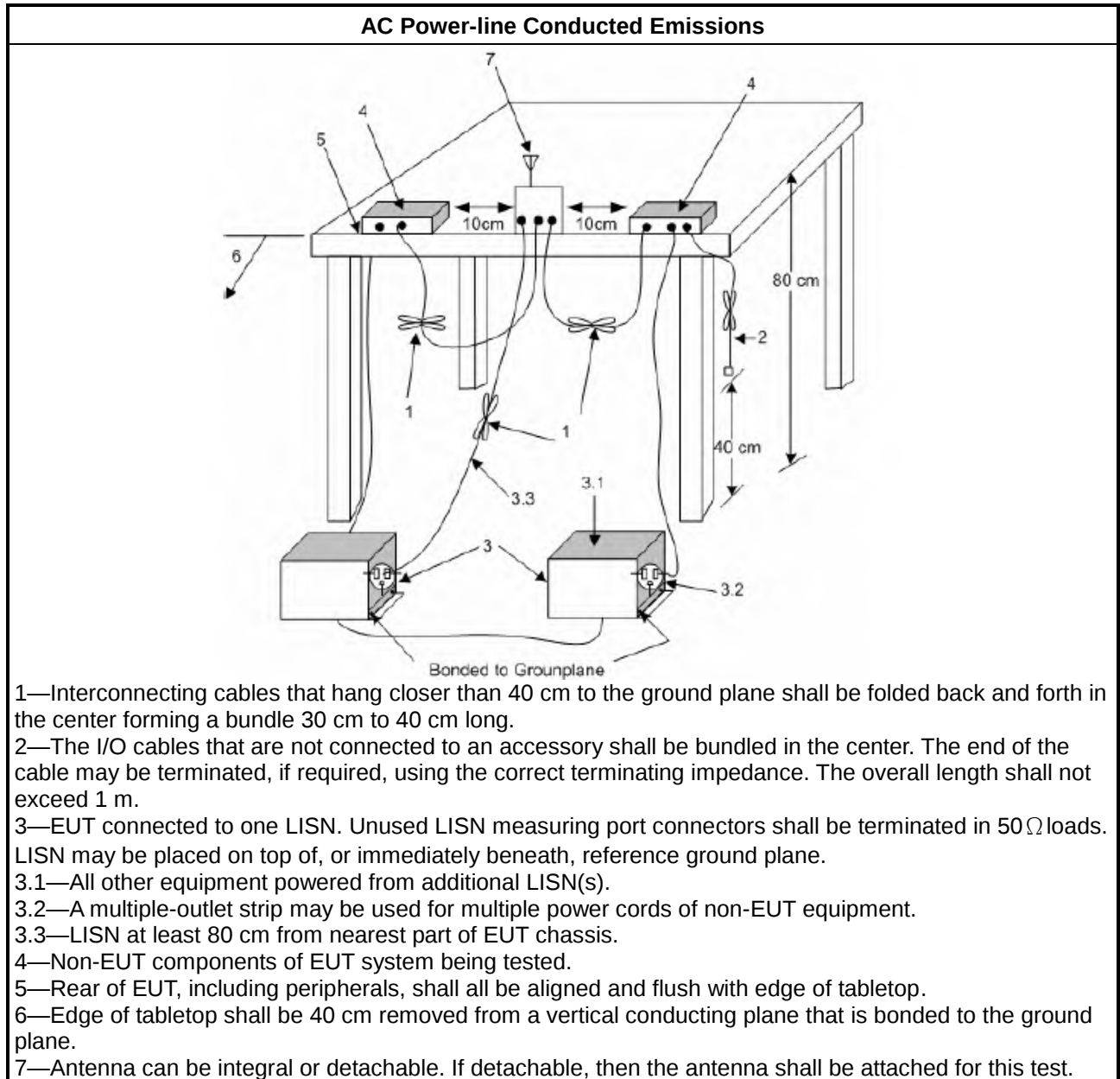
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

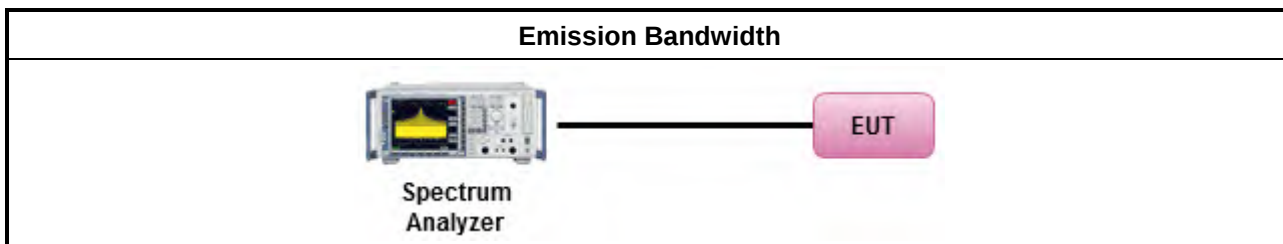
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

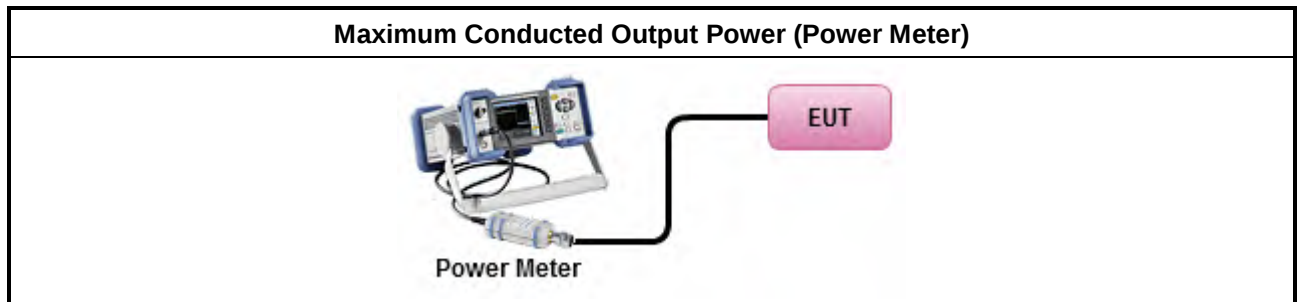
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

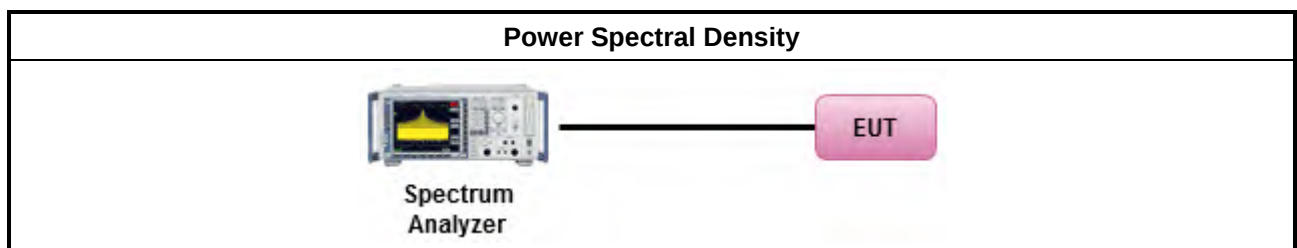
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

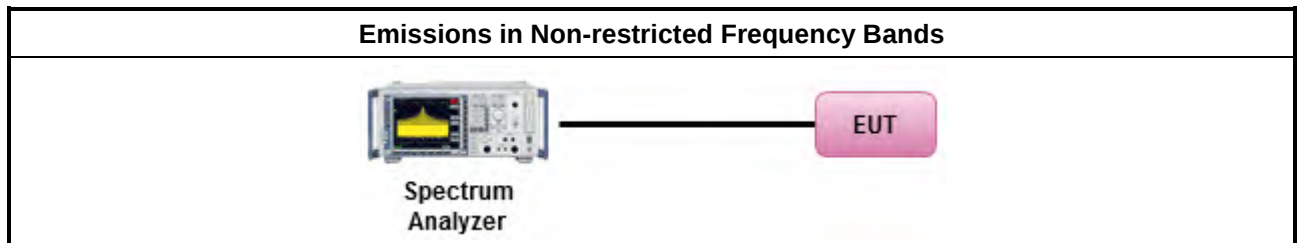
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

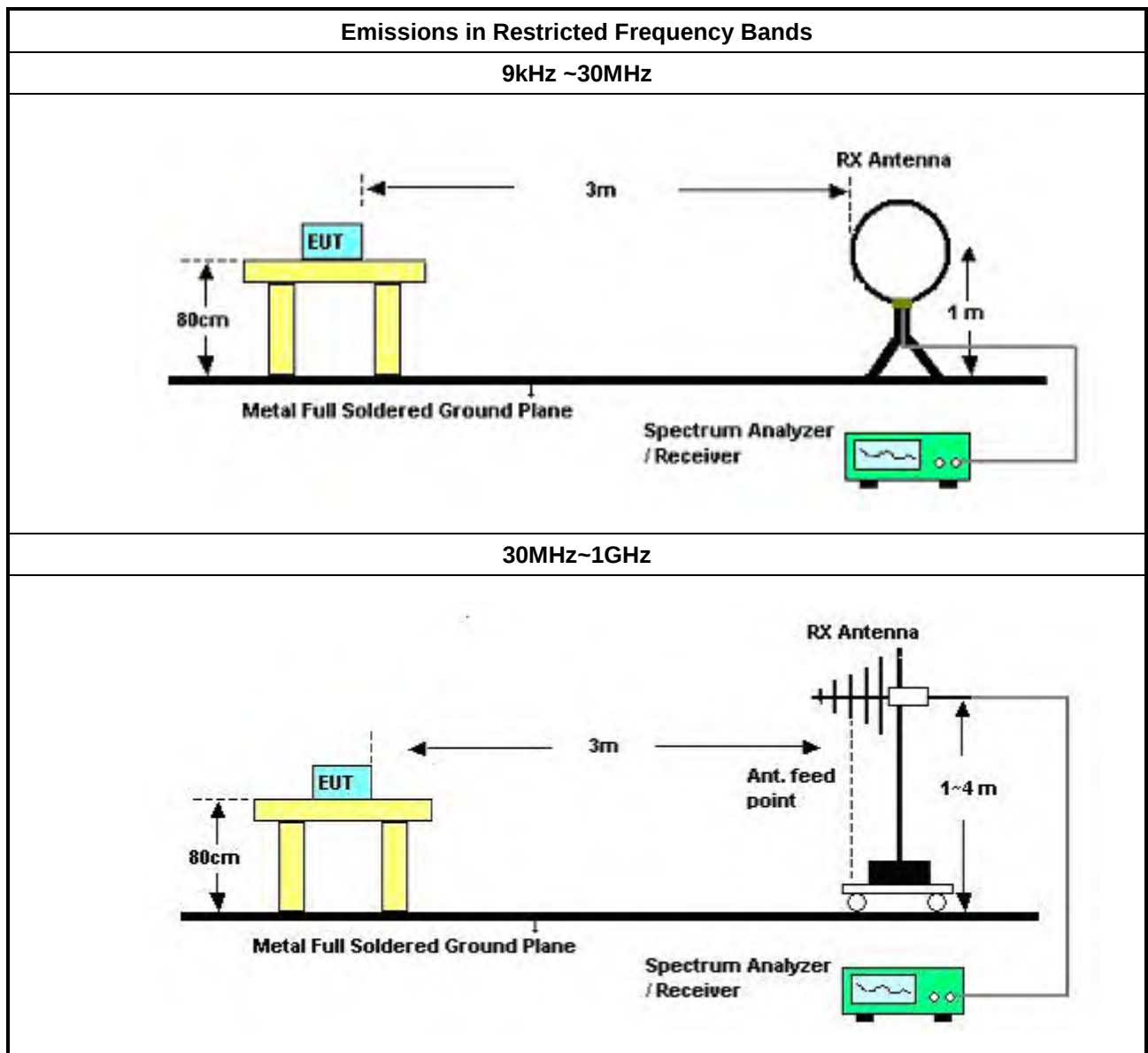
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

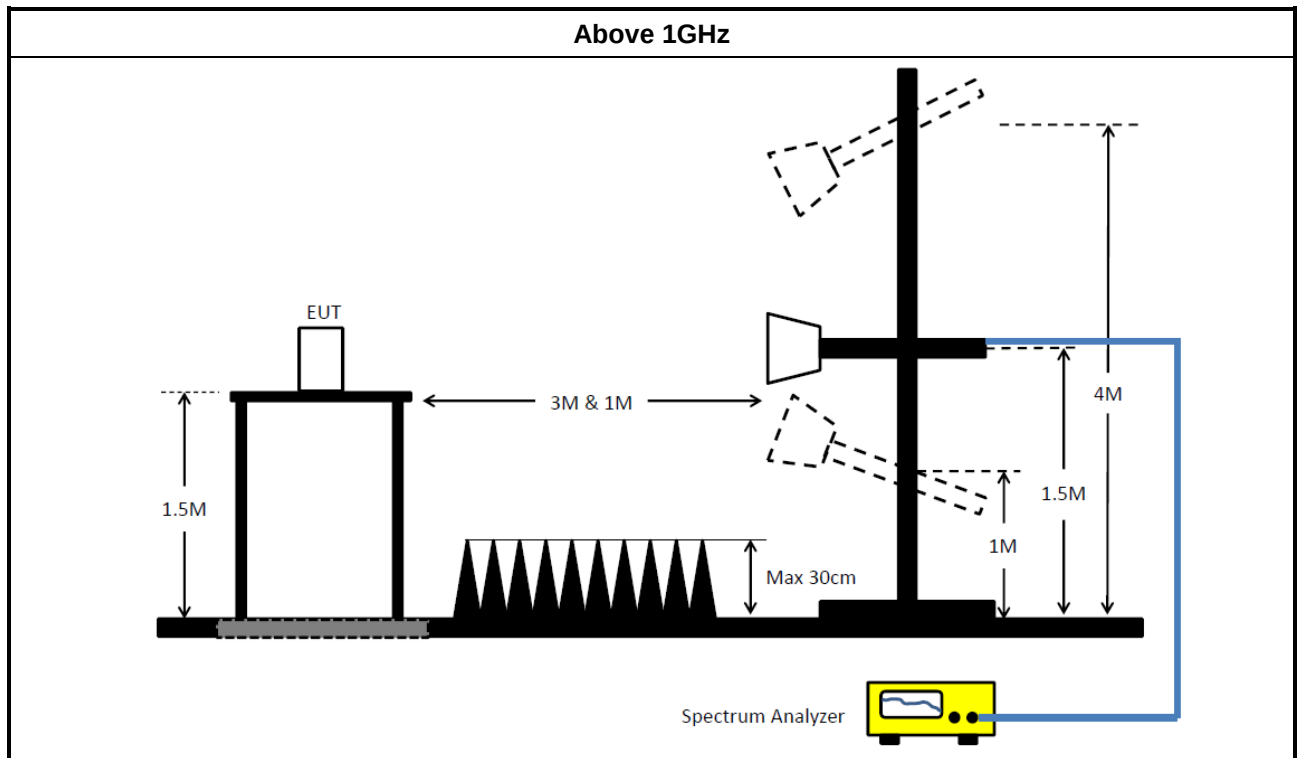
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for 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	18/Jul/2025	17/Jul/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	26/Aug/2025	25/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	19/Nov/2025	18/Nov/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	23/Apr/2025	22/Apr/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.28	NA	NA	NA	NA

**Instrument for Conducted Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	23/Jan/2025	22/Jan/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	01/Nov/2025	03/Nov/2026
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15247_DTS	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test_Co-Location

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	03/Oct/2025	02/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable HUBER+SUHNER	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-06	1GHz~40GHz	15/Aug/2025	14/Aug/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	30/Sep/2025	29/Sep/2026
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

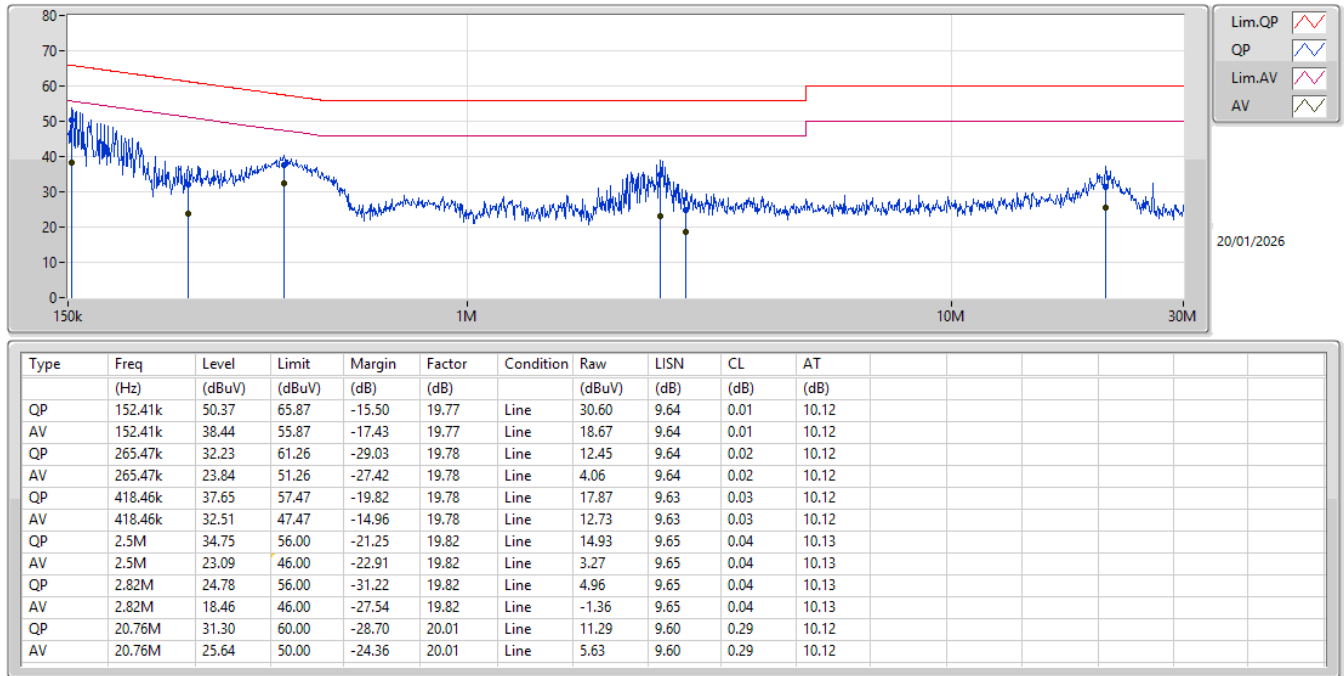
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	418.46k	32.51	47.47	-14.96	Line

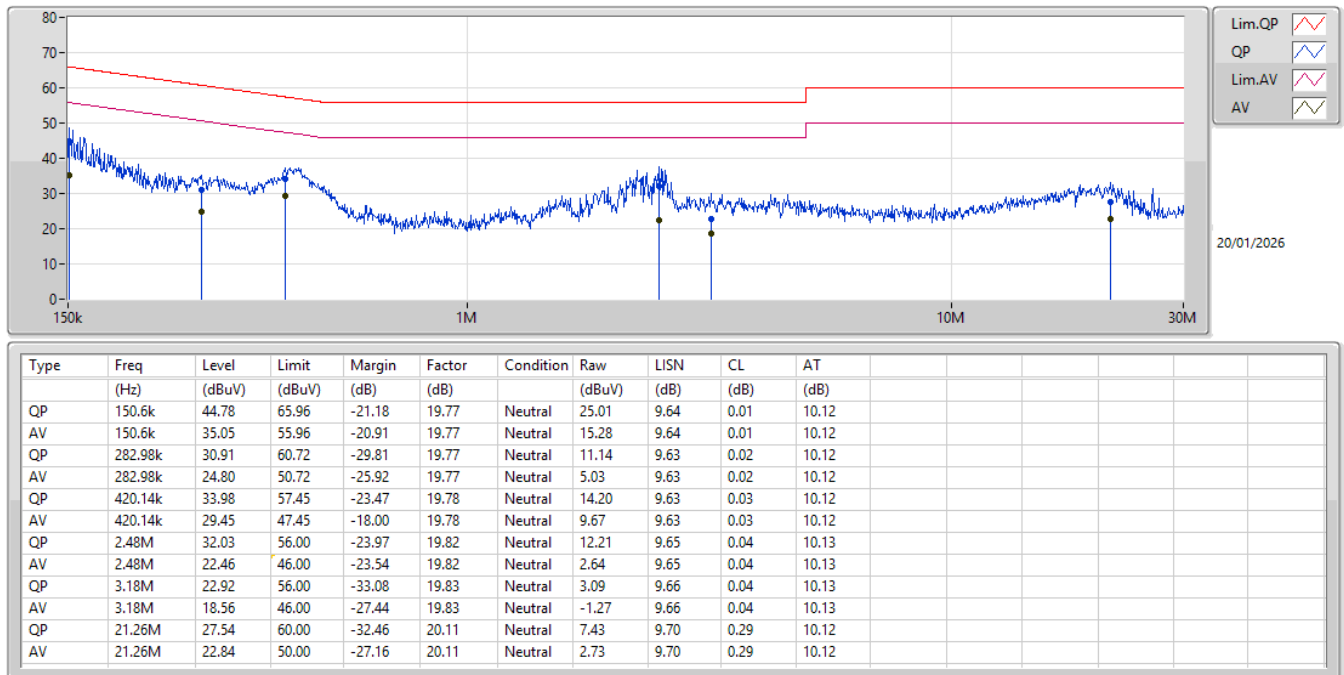
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	152.41k	50.37	65.87	-15.50	Line
Mode 1	Pass	AV	152.41k	38.44	55.87	-17.43	Line
Mode 1	Pass	QP	265.47k	32.23	61.26	-29.03	Line
Mode 1	Pass	AV	265.47k	23.84	51.26	-27.42	Line
Mode 1	Pass	QP	418.46k	37.65	57.47	-19.82	Line
Mode 1	Pass	AV	418.46k	32.51	47.47	-14.96	Line
Mode 1	Pass	QP	2.5M	34.75	56.00	-21.25	Line
Mode 1	Pass	AV	2.5M	23.09	46.00	-22.91	Line
Mode 1	Pass	QP	2.82M	24.78	56.00	-31.22	Line
Mode 1	Pass	AV	2.82M	18.46	46.00	-27.54	Line
Mode 1	Pass	QP	20.76M	31.30	60.00	-28.70	Line
Mode 1	Pass	AV	20.76M	25.64	50.00	-24.36	Line
Mode 1	Pass	QP	150.6k	44.78	65.96	-21.18	Neutral
Mode 1	Pass	AV	150.6k	35.05	55.96	-20.91	Neutral
Mode 1	Pass	QP	282.98k	30.91	60.72	-29.81	Neutral
Mode 1	Pass	AV	282.98k	24.80	50.72	-25.92	Neutral
Mode 1	Pass	QP	420.14k	33.98	57.45	-23.47	Neutral
Mode 1	Pass	AV	420.14k	29.45	47.45	-18.00	Neutral
Mode 1	Pass	QP	2.48M	32.03	56.00	-23.97	Neutral
Mode 1	Pass	AV	2.48M	22.46	46.00	-23.54	Neutral
Mode 1	Pass	QP	3.18M	22.92	56.00	-33.08	Neutral
Mode 1	Pass	AV	3.18M	18.56	46.00	-27.44	Neutral
Mode 1	Pass	QP	21.26M	27.54	60.00	-32.46	Neutral
Mode 1	Pass	AV	21.26M	22.84	50.00	-27.16	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	8.745M	13.138M	13M1G1D	7.26M	12.974M
802.11g_Nss1,(6Mbps)_2TX	15.345M	17.041M	17M0D1D	14.63M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	18.92M	19.185M	19M2D1D	10.12M	18.801M
802.11be EHT40_Nss1,(MCS0)_2TX	37.51M	37.821M	37M8D1D	26.29M	37.601M

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	8.305M	12.974M	7.26M	13.083M
2437MHz	Pass	500k	8.745M	13.083M	7.81M	13.138M
2462MHz	Pass	500k	7.26M	13.138M	7.315M	13.138M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.795M	16.767M	14.74M	16.822M
2437MHz	Pass	500k	14.85M	17.041M	15.18M	16.877M
2462MHz	Pass	500k	14.63M	16.822M	15.345M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.12M	18.801M	16.83M	19.02M
2437MHz	Pass	500k	18.92M	19.185M	14.08M	18.966M
2462MHz	Pass	500k	15.565M	18.911M	16.665M	18.911M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.4M	37.821M	26.29M	37.601M
2437MHz	Pass	500k	37.51M	37.821M	26.29M	37.821M
2452MHz	Pass	500k	33.22M	37.711M	37.18M	37.601M

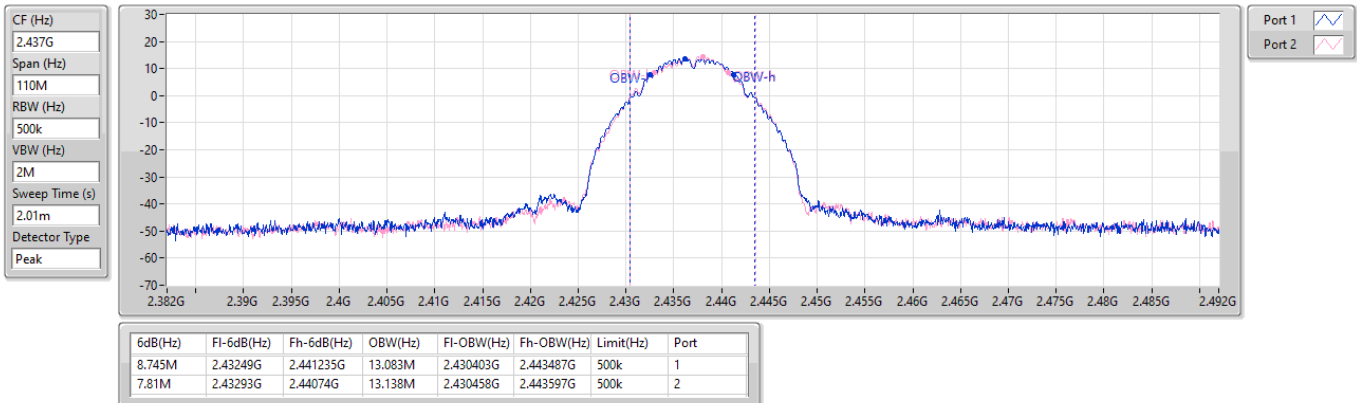
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

01/12/2025

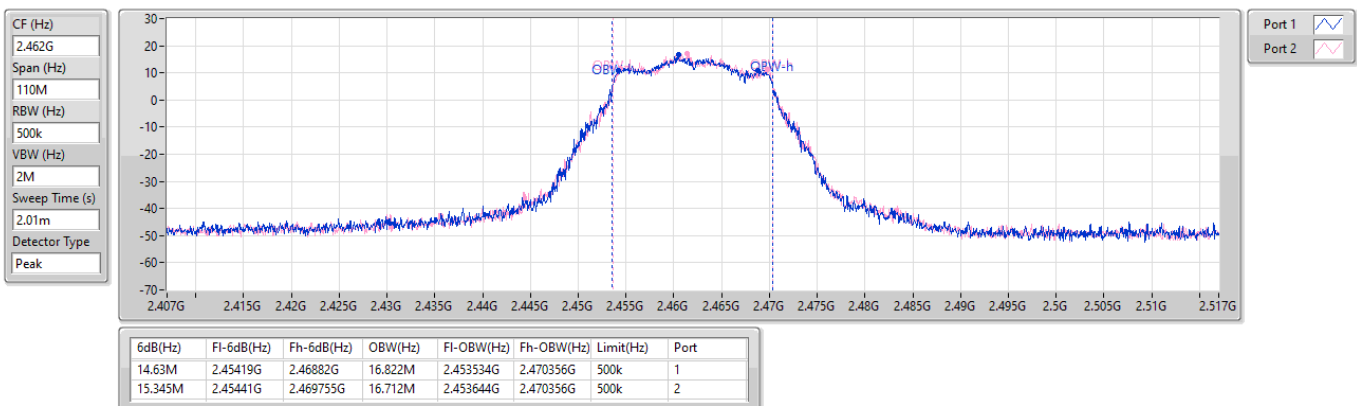


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

01/12/2025

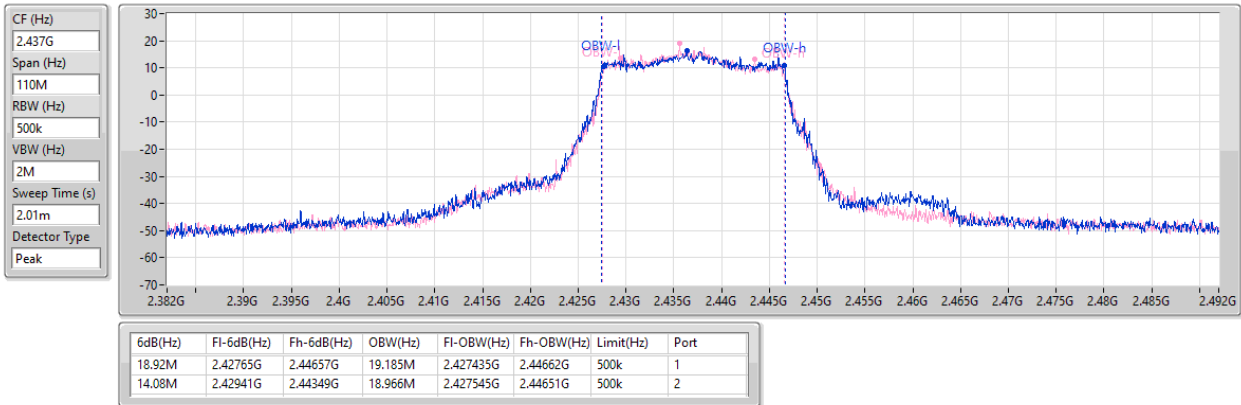


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

01/12/2025

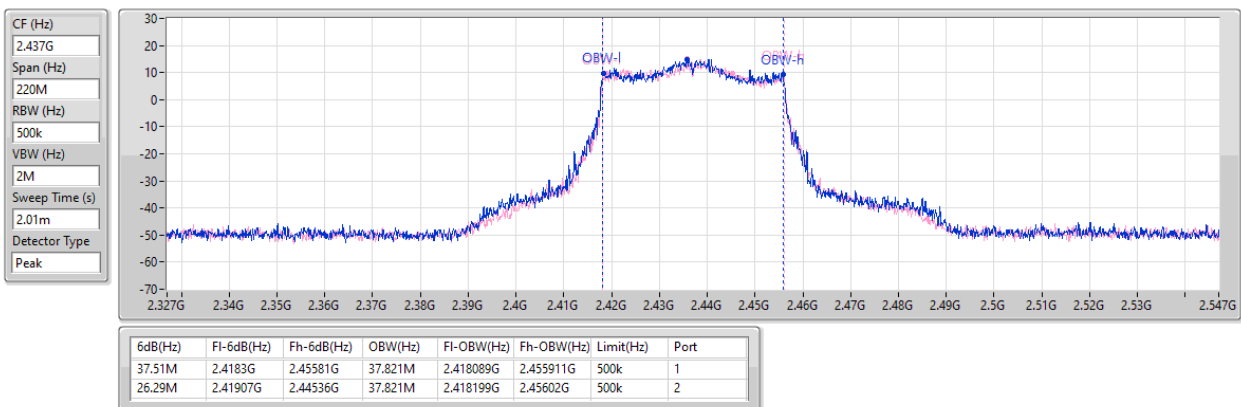


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

01/12/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.94	0.31189
802.11g_Nss1,(6Mbps)_2TX	24.61	0.28907
802.11be EHT20_Nss1,(MCS0)_2TX	24.53	0.28379
802.11be EHT40_Nss1,(MCS0)_2TX	24.88	0.30761



Average Power_Non-Beamforming

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	4.90	22.06	21.79	24.94	30.00
2437MHz	Pass	4.90	21.75	21.53	24.65	30.00
2462MHz	Pass	4.90	21.76	21.56	24.67	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.90	21.70	21.49	24.61	30.00
2437MHz	Pass	4.90	21.41	21.33	24.38	30.00
2462MHz	Pass	4.90	21.32	21.28	24.31	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.90	21.82	21.20	24.53	30.00
2437MHz	Pass	4.90	21.16	21.32	24.25	30.00
2462MHz	Pass	4.90	21.49	21.21	24.36	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.90	22.15	21.56	24.88	30.00
2437MHz	Pass	4.90	21.94	21.55	24.76	30.00
2452MHz	Pass	4.90	22.08	21.61	24.86	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.53	0.28379
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.88	0.30761

**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	7.71	21.82	21.20	24.53	28.29
2437MHz	Pass	7.71	21.16	21.32	24.25	28.29
2462MHz	Pass	7.71	21.49	21.21	24.36	28.29
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.71	22.15	21.56	24.88	28.29
2437MHz	Pass	7.71	21.94	21.55	24.76	28.29
2452MHz	Pass	7.71	22.08	21.61	24.86	28.29

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	-1.33
802.11g_Nss1,(6Mbps)_2TX	-1.87
802.11be EHT20_Nss1,(MCS0)_2TX	0.12
802.11be EHT40_Nss1,(MCS0)_2TX	-2.90

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	7.71	-6.22	-2.67	-1.33	6.29
2437MHz	Pass	7.71	-4.39	-3.52	-1.92	6.29
2462MHz	Pass	7.71	-5.29	-5.76	-2.68	6.29
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.71	-4.80	-4.86	-2.76	6.29
2437MHz	Pass	7.71	-3.34	-5.21	-2.05	6.29
2462MHz	Pass	7.71	-5.16	-3.55	-1.87	6.29
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.71	-2.73	-3.14	-1.59	6.29
2437MHz	Pass	7.71	-2.92	-1.70	0.12	6.29
2462MHz	Pass	7.71	-2.87	-3.54	-1.07	6.29
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.71	-4.60	-6.75	-3.71	6.29
2437MHz	Pass	7.71	-4.50	-5.96	-2.90	6.29
2452MHz	Pass	7.71	-5.22	-4.55	-3.49	6.29

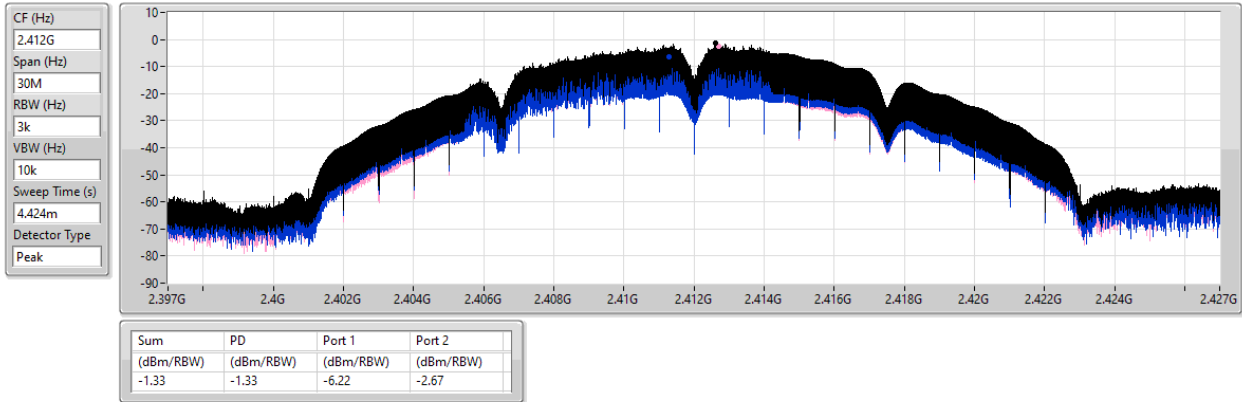
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

01/12/2025

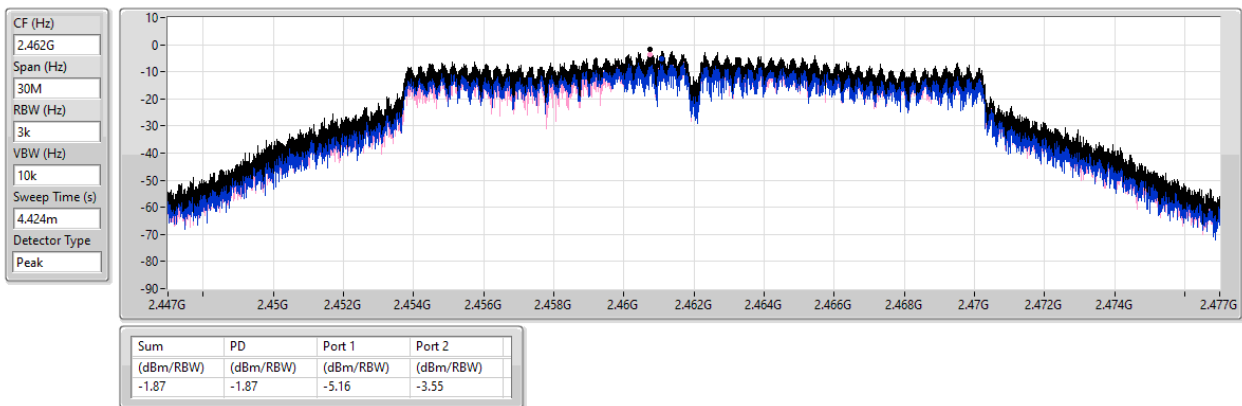


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

01/12/2025

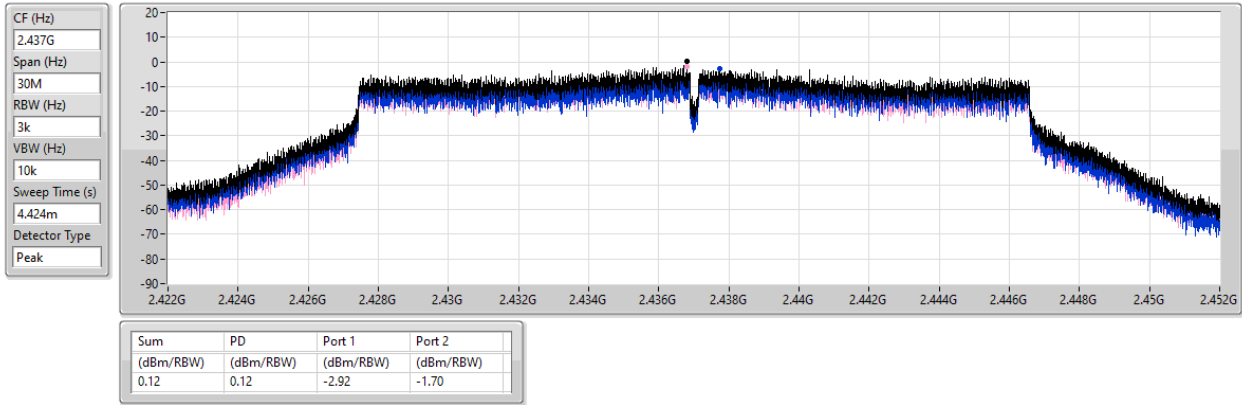


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

01/12/2025

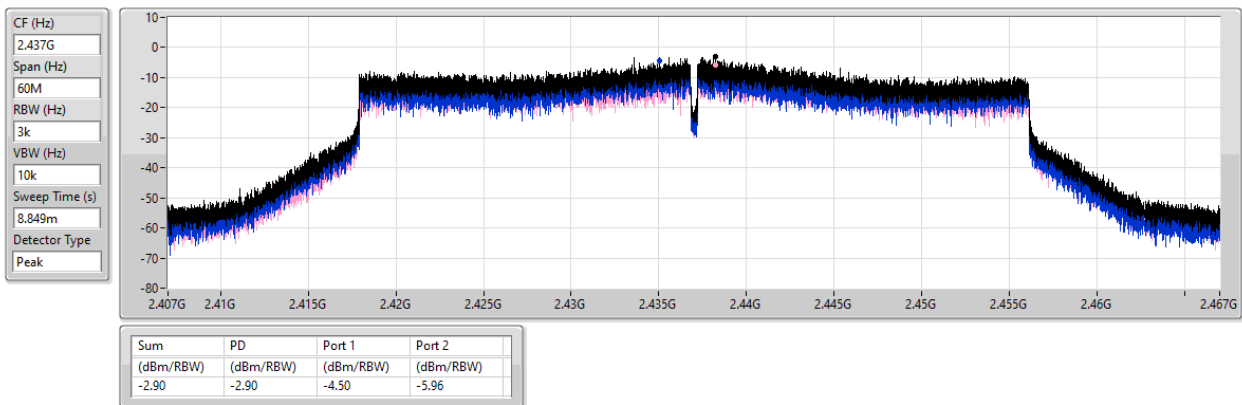


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

01/12/2025



**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	2.41253G	13.07	-16.93	2.12118G	-53.47	2.39992G	-40.91	2.4G	-41.40	2.50414G	-50.87	16.7736G	-42.23	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41319G	12.66	-17.34	2.30175G	-53.91	2.39992G	-25.21	2.4G	-22.11	2.5027G	-52.01	23.13164G	-41.71	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.41336G	11.36	-18.64	2.12351G	-53.30	2.4G	-25.35	2.4G	-22.55	2.5099G	-52.34	21.83081G	-42.01	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.42705G	9.29	-20.71	2.06123G	-53.88	2.4G	-21.87	2.4G	-22.70	2.50606G	-52.13	23.37335G	-41.54	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41253G	13.07	-16.93	2.12118G	-53.47	2.39992G	-40.91	2.4G	-41.40	2.50414G	-50.87	16.7736G	-42.23	1
2412MHz	Pass	2.41253G	13.07	-16.93	2.10487G	-53.76	2.4G	-43.35	2.4G	-44.01	2.5199G	-52.22	23.19907G	-42.45	2
2437MHz	Pass	2.41253G	13.07	-16.93	2.09205G	-53.35	2.4G	-50.92	2.4G	-50.96	2.5051G	-51.82	23.25245G	-42.17	1
2437MHz	Pass	2.41253G	13.07	-16.93	2.17127G	-53.18	2.39832G	-52.81	2.4G	-53.60	2.51438G	-51.79	16.9787G	-41.59	2
2462MHz	Pass	2.41253G	13.07	-16.93	2.15613G	-54.03	2.3984G	-52.32	2.4G	-51.26	2.52262G	-50.32	16.92532G	-41.91	1
2462MHz	Pass	2.41253G	13.07	-16.93	2.08506G	-54.48	2.39304G	-52.15	2.4G	-51.34	2.50478G	-51.84	16.57131G	-40.62	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41319G	12.66	-17.34	2.30175G	-53.91	2.39992G	-25.21	2.4G	-22.11	2.5027G	-52.01	23.13164G	-41.71	1
2412MHz	Pass	2.41319G	12.66	-17.34	2.127G	-54.18	2.39992G	-24.41	2.4G	-23.64	2.50774G	-52.10	16.92532G	-40.90	2
2437MHz	Pass	2.41319G	12.66	-17.34	2.12118G	-53.66	2.4G	-49.42	2.4G	-49.83	2.50158G	-52.16	16.39993G	-42.08	1
2437MHz	Pass	2.41319G	12.66	-17.34	2.15263G	-54.12	2.398G	-51.19	2.4G	-52.10	2.50038G	-52.05	17.0096G	-41.82	2
2462MHz	Pass	2.41319G	12.66	-17.34	2.10836G	-53.73	2.4G	-50.94	2.4G	-49.65	2.51782G	-52.63	24.90447G	-42.22	1
2462MHz	Pass	2.41319G	12.66	-17.34	1.85905G	-53.95	2.39632G	-51.35	2.4G	-52.29	2.5079G	-51.59	24.93257G	-41.87	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41336G	11.36	-18.64	2.12351G	-53.30	2.4G	-25.35	2.4G	-22.55	2.5099G	-52.34	21.83081G	-42.01	1
2412MHz	Pass	2.41336G	11.36	-18.64	2.30175G	-53.97	2.3996G	-23.33	2.4G	-22.98	2.52238G	-52.12	16.91408G	-42.50	2
2437MHz	Pass	2.41336G	11.36	-18.64	2.1736G	-53.38	2.4G	-49.79	2.4G	-50.27	2.51326G	-52.68	24.97471G	-41.98	1
2437MHz	Pass	2.41336G	11.36	-18.64	2.30525G	-52.63	2.39616G	-51.48	2.4G	-52.11	2.5135G	-51.94	17.0096G	-41.79	2
2462MHz	Pass	2.41336G	11.36	-18.64	1.98371G	-53.53	2.4G	-48.82	2.4G	-50.05	2.52078G	-51.75	24.87076G	-41.21	1
2462MHz	Pass	2.41336G	11.36	-18.64	1.96623G	-53.58	2.4G	-50.82	2.4G	-53.20	2.50166G	-52.24	16.88317G	-41.32	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42705G	9.29	-20.71	2.06123G	-53.88	2.4G	-21.87	2.4G	-22.70	2.50606G	-52.13	23.37335G	-41.54	1
2422MHz	Pass	2.42705G	9.29	-20.71	2.1139G	-53.85	2.39968G	-24.61	2.4G	-25.42	2.50718G	-52.29	16.78544G	-41.44	2
2437MHz	Pass	2.42705G	9.29	-20.71	2.04406G	-54.05	2.4G	-41.32	2.4G	-42.18	2.52414G	-52.17	24.5681G	-42.04	1
2437MHz	Pass	2.42705G	9.29	-20.71	1.83681G	-54.31	2.39952G	-43.57	2.4G	-45.55	2.5051G	-51.76	16.92847G	-41.87	2
2452MHz	Pass	2.42705G	9.29	-20.71	2.1494G	-53.37	2.4G	-45.04	2.4G	-44.43	2.5003G	-52.32	17.07711G	-41.95	1
2452MHz	Pass	2.42705G	9.29	-20.71	1.9536G	-54.30	2.39968G	-45.85	2.4G	-47.29	2.5315G	-52.60	23.21069G	-41.70	2

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

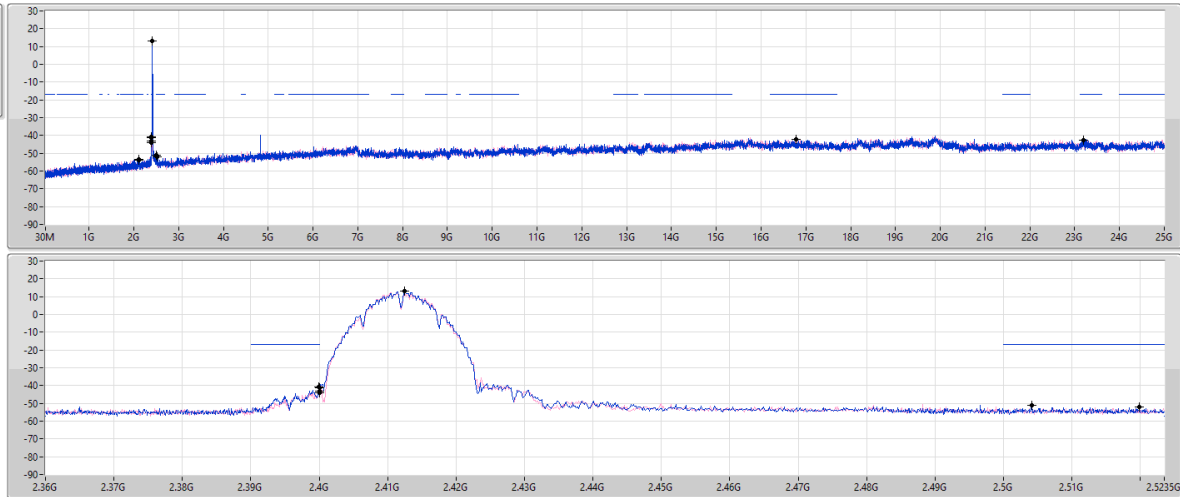
CSEndB

2412MHz

01/12/2025

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

Port 1
Port 2



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

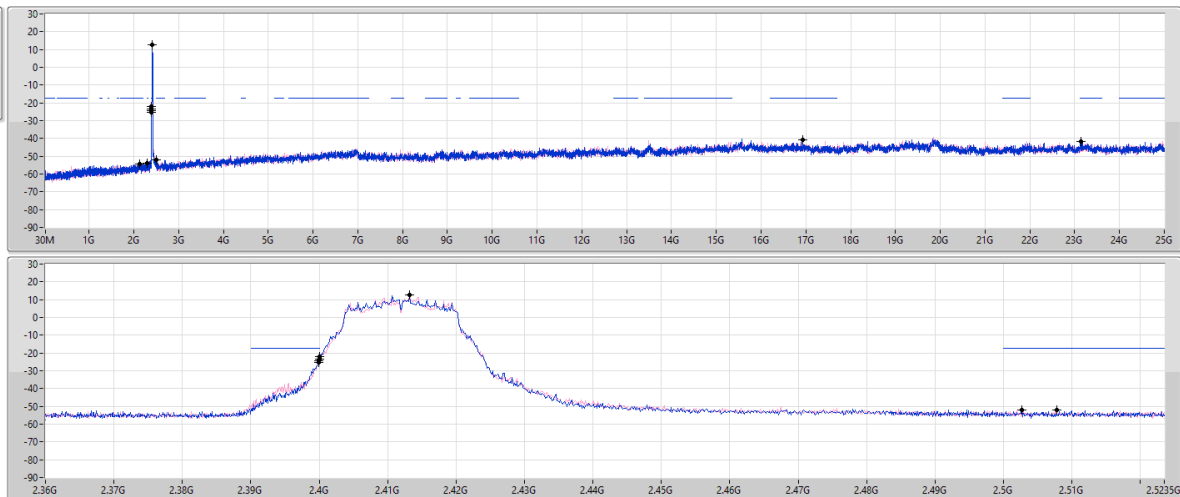
CSEndB

2412MHz

01/12/2025

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

Port 1
Port 2

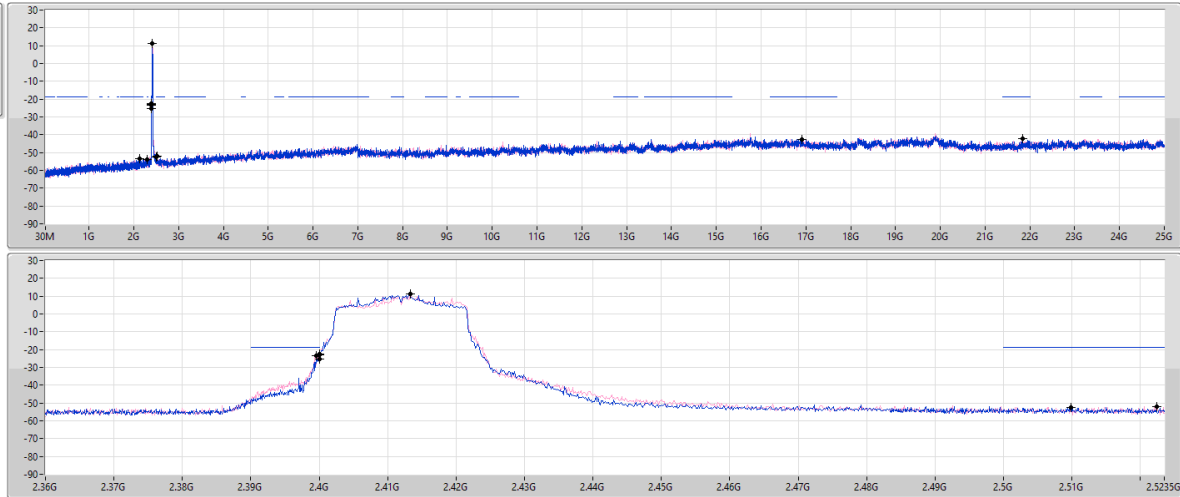


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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



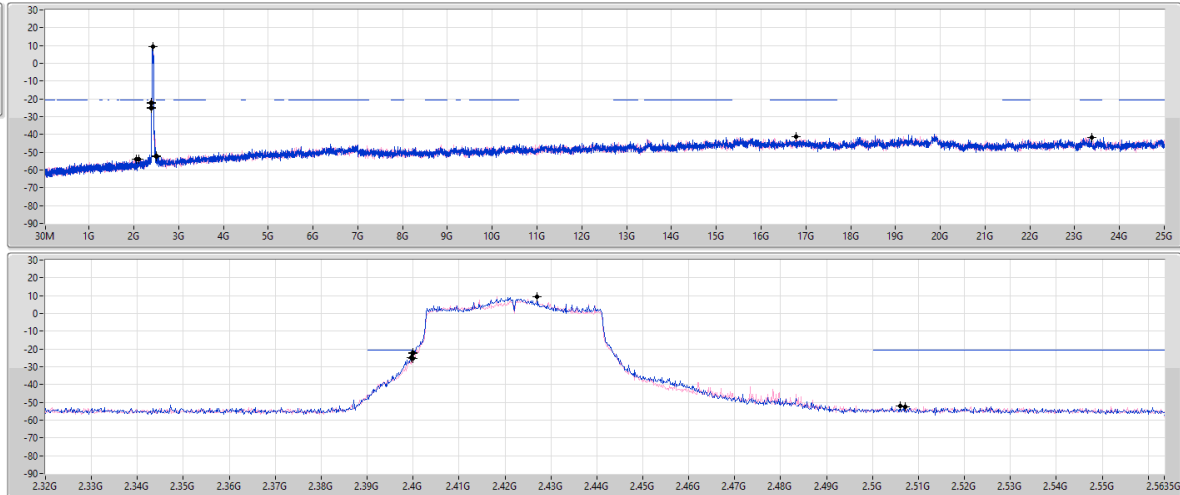
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41336G	11.36	-18.64	2.12351G	-53.30	2.4G	-25.35	2.4G	-22.55	2.5099G	-52.34	21.83081G	-42.01	1
2.41336G	11.36	-18.64	2.30175G	-53.97	2.3996G	-23.33	2.4G	-22.98	2.52238G	-52.12	16.91408G	-42.50	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
2.42705G	9.29	-20.71	2.06123G	-53.88	2.4G	-21.87	2.4G	-22.70	2.50608G	-52.13	23.37335G	-41.54	1
2.42705G	9.29	-20.71	2.1139G	-53.85	2.39968G	-24.61	2.4G	-25.42	2.50718G	-52.29	16.78544G	-41.44	2



Summary

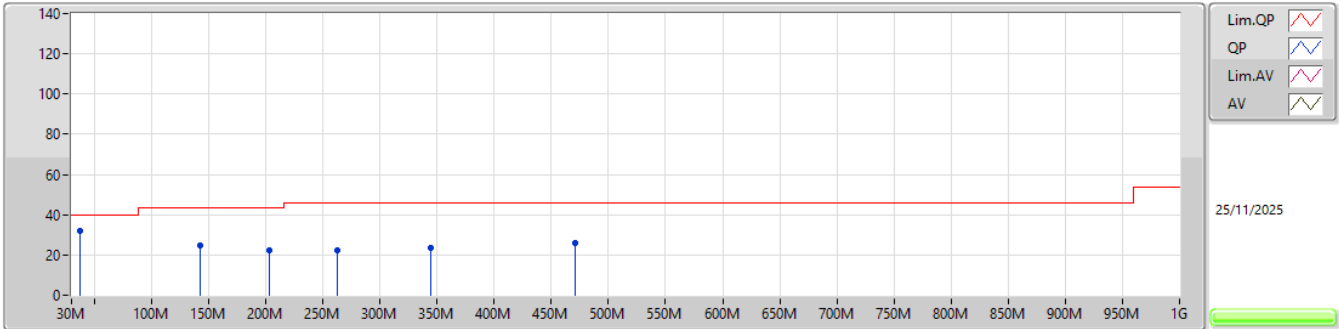
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	37.76M	31.96	40.00	-8.04	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	37.76M	31.96	40.00	-8.04	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	142.52M	24.83	43.50	-18.67	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	202.66M	22.39	43.50	-21.11	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	262.8M	22.37	46.00	-23.63	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	344.28M	23.65	46.00	-22.35	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	470.38M	25.82	46.00	-20.18	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	37.76M	21.38	40.00	-18.62	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	84.32M	19.64	40.00	-20.36	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	142.52M	24.70	43.50	-18.80	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	224M	26.48	46.00	-19.52	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	251.16M	28.18	46.00	-17.82	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	344.28M	30.62	46.00	-15.38	3	Horizontal	0	1.00

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

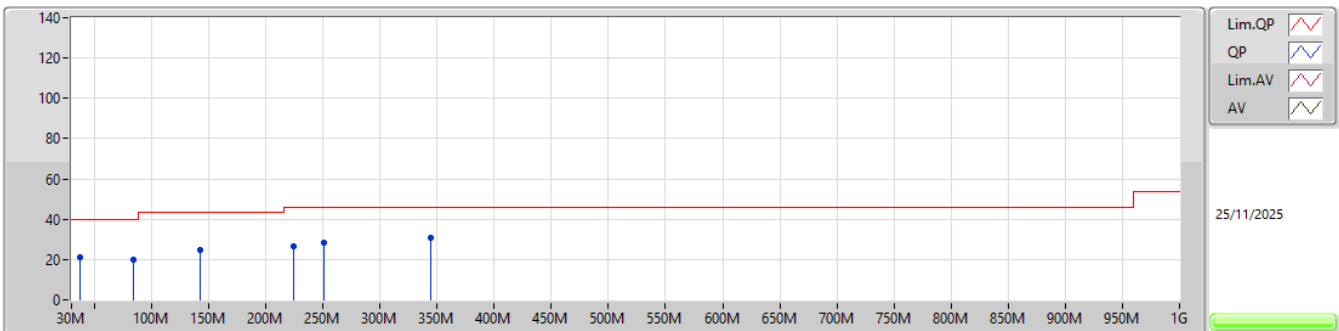
2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	31.96	40.00	-8.04	-22.77	3	Vertical	360	1.00	54.73	21.05	0.68	44.50
PK	142.52M	24.83	43.50	-18.67	-25.57	3	Vertical	360	1.00	50.40	17.66	1.29	44.52
PK	202.66M	22.39	43.50	-21.11	-27.45	3	Vertical	360	1.00	49.84	15.37	1.54	44.36
PK	262.8M	22.37	46.00	-23.63	-22.02	3	Vertical	360	1.00	44.39	20.55	1.70	44.27
PK	344.28M	23.65	46.00	-22.35	-21.79	3	Vertical	360	1.00	45.44	20.47	1.88	44.14
PK	470.38M	25.82	46.00	-20.18	-18.10	3	Vertical	360	1.00	43.92	23.66	2.19	43.95

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

2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	21.38	40.00	-18.62	-22.77	3	Horizontal	0	1.00	44.15	21.05	0.68	44.50
PK	84.32M	19.64	40.00	-20.36	-29.20	3	Horizontal	0	1.00	48.84	14.30	1.05	44.55
PK	142.52M	24.70	43.50	-18.80	-25.57	3	Horizontal	0	1.00	50.27	17.66	1.29	44.52
PK	224M	26.48	46.00	-19.52	-26.90	3	Horizontal	0	1.00	53.38	15.83	1.60	44.33
PK	251.16M	28.18	46.00	-17.82	-23.66	3	Horizontal	0	1.00	51.84	18.96	1.68	44.30
PK	344.28M	30.62	46.00	-15.38	-21.79	3	Horizontal	0	1.00	52.41	20.47	1.88	44.14



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	2.498G	46.48	54.00	-7.52	3	Vertical	205	1.50
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	48.18	54.00	-5.82	3	Vertical	204	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	50.46	54.00	-3.54	3	Vertical	208	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4844G	53.68	54.00	-0.32	3	Vertical	180	2.09

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_TX	Pass	AV	2.3878G	45.70	54.00	-8.30	3	Vertical	176	2.14
2412MHz_TX	Pass	AV	2.4128G	111.51	Inf	-Inf	3	Vertical	176	2.14
2412MHz_TX	Pass	PK	2.3724G	56.96	74.00	-17.04	3	Vertical	176	2.14
2412MHz_TX	Pass	PK	2.413G	113.87	Inf	-Inf	3	Vertical	176	2.14
2412MHz_TX	Pass	AV	2.3802G	45.63	54.00	-8.37	3	Horizontal	137	1.50
2412MHz_TX	Pass	AV	2.4112G	102.73	Inf	-Inf	3	Horizontal	137	1.50
2412MHz_TX	Pass	PK	2.3692G	57.63	74.00	-16.37	3	Horizontal	137	1.50
2412MHz_TX	Pass	PK	2.4112G	105.09	Inf	-Inf	3	Horizontal	137	1.50
2412MHz_TX	Pass	AV	4.824G	43.12	54.00	-10.88	3	Vertical	139	1.50
2412MHz_TX	Pass	PK	4.82412G	47.59	74.00	-26.41	3	Vertical	139	1.50
2412MHz_TX	Pass	AV	4.82396G	34.03	54.00	-19.97	3	Horizontal	136	1.15
2412MHz_TX	Pass	PK	4.8242G	42.68	74.00	-31.32	3	Horizontal	136	1.15
2437MHz_TX	Pass	AV	2.3502G	45.42	54.00	-8.58	3	Vertical	178	2.13
2437MHz_TX	Pass	AV	2.4378G	111.96	Inf	-Inf	3	Vertical	178	2.13
2437MHz_TX	Pass	AV	2.4978G	46.43	54.00	-7.57	3	Vertical	178	2.13
2437MHz_TX	Pass	PK	2.3398G	58.31	74.00	-15.69	3	Vertical	178	2.13
2437MHz_TX	Pass	PK	2.4378G	114.30	Inf	-Inf	3	Vertical	178	2.13
2437MHz_TX	Pass	PK	2.4838G	58.81	74.00	-15.19	3	Vertical	178	2.13
2437MHz_TX	Pass	AV	2.341G	45.41	54.00	-8.59	3	Horizontal	136	1.08
2437MHz_TX	Pass	AV	2.4362G	102.39	Inf	-Inf	3	Horizontal	136	1.08
2437MHz_TX	Pass	AV	2.4974G	46.45	54.00	-7.55	3	Horizontal	136	1.08
2437MHz_TX	Pass	PK	2.3614G	59.13	74.00	-14.87	3	Horizontal	136	1.08
2437MHz_TX	Pass	PK	2.4362G	104.86	Inf	-Inf	3	Horizontal	136	1.08
2437MHz_TX	Pass	PK	2.4914G	58.42	74.00	-15.58	3	Horizontal	136	1.08
2437MHz_TX	Pass	AV	4.874G	45.72	54.00	-8.28	3	Vertical	203	1.50
2437MHz_TX	Pass	PK	4.87388G	49.25	74.00	-24.75	3	Vertical	203	1.50
2437MHz_TX	Pass	AV	4.874G	31.69	54.00	-22.31	3	Horizontal	144	1.50
2437MHz_TX	Pass	PK	4.87376G	43.18	74.00	-30.82	3	Horizontal	144	1.50
2462MHz_TX	Pass	AV	2.4638G	107.44	Inf	-Inf	3	Vertical	205	1.50
2462MHz_TX	Pass	AV	2.498G	46.48	54.00	-7.52	3	Vertical	205	1.50
2462MHz_TX	Pass	PK	2.464G	109.59	Inf	-Inf	3	Vertical	205	1.50
2462MHz_TX	Pass	PK	2.4996G	59.26	74.00	-14.74	3	Vertical	205	1.50
2462MHz_TX	Pass	AV	2.4612G	102.26	Inf	-Inf	3	Horizontal	136	1.01
2462MHz_TX	Pass	AV	2.4998G	46.43	54.00	-7.57	3	Horizontal	136	1.01
2462MHz_TX	Pass	PK	2.461G	104.73	Inf	-Inf	3	Horizontal	136	1.01
2462MHz_TX	Pass	PK	2.4894G	58.65	74.00	-15.35	3	Horizontal	136	1.01
2462MHz_TX	Pass	AV	4.924G	42.22	54.00	-11.78	3	Vertical	334	1.50
2462MHz_TX	Pass	PK	4.92394G	47.11	74.00	-26.89	3	Vertical	334	1.50
2462MHz_TX	Pass	AV	4.92388G	30.79	54.00	-23.21	3	Horizontal	192	2.37
2462MHz_TX	Pass	PK	4.93684G	42.35	74.00	-31.65	3	Horizontal	192	2.37
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	47.37	54.00	-6.63	3	Vertical	177	2.18
2412MHz_TX	Pass	AV	2.4112G	108.83	Inf	-Inf	3	Vertical	177	2.18
2412MHz_TX	Pass	PK	2.39G	60.18	74.00	-13.82	3	Vertical	177	2.18
2412MHz_TX	Pass	PK	2.4112G	116.84	Inf	-Inf	3	Vertical	177	2.18
2412MHz_TX	Pass	AV	2.3892G	45.43	54.00	-8.57	3	Horizontal	138	1.00
2412MHz_TX	Pass	AV	2.4128G	98.32	Inf	-Inf	3	Horizontal	138	1.00
2412MHz_TX	Pass	PK	2.39G	58.26	74.00	-15.74	3	Horizontal	138	1.00
2412MHz_TX	Pass	PK	2.4128G	106.13	Inf	-Inf	3	Horizontal	138	1.00
2412MHz_TX	Pass	AV	4.8219G	34.13	54.00	-19.87	3	Vertical	163	1.65
2412MHz_TX	Pass	PK	4.82166G	46.36	74.00	-27.64	3	Vertical	163	1.65
2412MHz_TX	Pass	AV	4.8342G	29.58	54.00	-24.42	3	Horizontal	339	2.66
2412MHz_TX	Pass	PK	4.81842G	42.12	74.00	-31.88	3	Horizontal	339	2.66
2437MHz_TX	Pass	AV	2.3406G	45.43	54.00	-8.57	3	Vertical	173	1.50
2437MHz_TX	Pass	AV	2.4378G	107.00	Inf	-Inf	3	Vertical	173	1.50
2437MHz_TX	Pass	AV	2.4986G	46.41	54.00	-7.59	3	Vertical	173	1.50
2437MHz_TX	Pass	PK	2.361G	58.21	74.00	-15.79	3	Vertical	173	1.50
2437MHz_TX	Pass	PK	2.4382G	115.25	Inf	-Inf	3	Vertical	173	1.50
2437MHz_TX	Pass	PK	2.4922G	58.84	74.00	-15.16	3	Vertical	173	1.50
2437MHz_TX	Pass	AV	2.345G	45.40	54.00	-8.60	3	Horizontal	224	1.64

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz_TX	Pass	AV	2.4378G	97.91	Inf	-Inf	3	Horizontal	224	1.64
2437MHz_TX	Pass	AV	2.493G	46.38	54.00	-7.62	3	Horizontal	224	1.64
2437MHz_TX	Pass	PK	2.3382G	57.97	74.00	-16.03	3	Horizontal	224	1.64
2437MHz_TX	Pass	PK	2.4378G	105.54	Inf	-Inf	3	Horizontal	224	1.64
2437MHz_TX	Pass	PK	2.4922G	58.83	74.00	-15.17	3	Horizontal	224	1.64
2437MHz_TX	Pass	AV	4.87052G	36.66	54.00	-17.34	3	Vertical	166	1.50
2437MHz_TX	Pass	PK	4.8707G	49.92	74.00	-24.08	3	Vertical	166	1.50
2437MHz_TX	Pass	AV	4.87358G	29.89	54.00	-24.11	3	Horizontal	354	2.45
2437MHz_TX	Pass	PK	4.87964G	42.04	74.00	-31.96	3	Horizontal	354	2.45
2462MHz_TX	Pass	AV	2.4626G	106.08	Inf	-Inf	3	Vertical	204	1.50
2462MHz_TX	Pass	AV	2.4835G	48.18	54.00	-5.82	3	Vertical	204	1.50
2462MHz_TX	Pass	PK	2.4628G	113.66	Inf	-Inf	3	Vertical	204	1.50
2462MHz_TX	Pass	PK	2.4835G	61.08	74.00	-12.92	3	Vertical	204	1.50
2462MHz_TX	Pass	AV	2.4628G	97.93	Inf	-Inf	3	Horizontal	220	1.50
2462MHz_TX	Pass	AV	2.4836G	46.72	54.00	-7.28	3	Horizontal	220	1.50
2462MHz_TX	Pass	PK	2.4634G	106.37	Inf	-Inf	3	Horizontal	220	1.50
2462MHz_TX	Pass	PK	2.4986G	58.68	74.00	-15.32	3	Horizontal	220	1.50
2462MHz_TX	Pass	AV	4.92406G	32.60	54.00	-21.40	3	Vertical	138	1.50
2462MHz_TX	Pass	PK	4.92454G	43.84	74.00	-30.16	3	Vertical	138	1.50
2462MHz_TX	Pass	AV	4.93768G	30.36	54.00	-23.64	3	Horizontal	194	1.19
2462MHz_TX	Pass	PK	4.92196G	43.02	74.00	-30.98	3	Horizontal	194	1.19
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	48.83	54.00	-5.17	3	Vertical	202	3.00
2412MHz_TX	Pass	AV	2.4126G	106.49	Inf	-Inf	3	Vertical	202	3.00
2412MHz_TX	Pass	PK	2.3896G	62.82	74.00	-11.18	3	Vertical	202	3.00
2412MHz_TX	Pass	PK	2.4128G	118.11	Inf	-Inf	3	Vertical	202	3.00
2412MHz_TX	Pass	AV	2.3898G	45.44	54.00	-8.56	3	Horizontal	223	1.50
2412MHz_TX	Pass	AV	2.4128G	94.98	Inf	-Inf	3	Horizontal	223	1.50
2412MHz_TX	Pass	PK	2.3654G	58.26	74.00	-15.74	3	Horizontal	223	1.50
2412MHz_TX	Pass	PK	2.415G	106.30	Inf	-Inf	3	Horizontal	223	1.50
2412MHz_TX	Pass	AV	4.8225G	33.44	54.00	-20.56	3	Vertical	162	1.50
2412MHz_TX	Pass	PK	4.82478G	46.79	74.00	-27.21	3	Vertical	162	1.50
2412MHz_TX	Pass	AV	4.8339G	29.53	54.00	-24.47	3	Horizontal	49	1.50
2412MHz_TX	Pass	PK	4.83366G	42.24	74.00	-31.76	3	Horizontal	49	1.50
2437MHz_TX	Pass	AV	2.3878G	45.42	54.00	-8.58	3	Vertical	178	1.60
2437MHz_TX	Pass	AV	2.4378G	106.88	Inf	-Inf	3	Vertical	178	1.60
2437MHz_TX	Pass	AV	2.4894G	46.38	54.00	-7.62	3	Vertical	178	1.60
2437MHz_TX	Pass	PK	2.3594G	57.84	74.00	-16.16	3	Vertical	178	1.60
2437MHz_TX	Pass	PK	2.4382G	118.06	Inf	-Inf	3	Vertical	178	1.60
2437MHz_TX	Pass	PK	2.4898G	59.07	74.00	-14.93	3	Vertical	178	1.60
2437MHz_TX	Pass	AV	2.3518G	45.38	54.00	-8.62	3	Horizontal	223	1.64
2437MHz_TX	Pass	AV	2.4378G	97.28	Inf	-Inf	3	Horizontal	223	1.64
2437MHz_TX	Pass	AV	2.493G	46.41	54.00	-7.59	3	Horizontal	223	1.64
2437MHz_TX	Pass	PK	2.3838G	58.50	74.00	-15.50	3	Horizontal	223	1.64
2437MHz_TX	Pass	PK	2.4378G	108.61	Inf	-Inf	3	Horizontal	223	1.64
2437MHz_TX	Pass	PK	2.4942G	58.90	74.00	-15.10	3	Horizontal	223	1.64
2437MHz_TX	Pass	AV	4.87046G	36.55	54.00	-17.45	3	Vertical	168	1.50
2437MHz_TX	Pass	PK	4.8698G	54.14	74.00	-19.86	3	Vertical	168	1.50
2437MHz_TX	Pass	AV	4.87808G	29.91	54.00	-24.09	3	Horizontal	214	1.50
2437MHz_TX	Pass	PK	4.8737G	43.84	74.00	-30.16	3	Horizontal	214	1.50
2462MHz_TX	Pass	AV	2.4628G	105.59	Inf	-Inf	3	Vertical	208	1.50
2462MHz_TX	Pass	AV	2.4835G	50.46	54.00	-3.54	3	Vertical	208	1.50
2462MHz_TX	Pass	PK	2.4626G	117.16	Inf	-Inf	3	Vertical	208	1.50
2462MHz_TX	Pass	PK	2.4872G	65.70	74.00	-8.30	3	Vertical	208	1.50
2462MHz_TX	Pass	AV	2.4628G	96.59	Inf	-Inf	3	Horizontal	229	1.50
2462MHz_TX	Pass	AV	2.4836G	47.28	54.00	-6.72	3	Horizontal	229	1.50
2462MHz_TX	Pass	PK	2.4636G	108.32	Inf	-Inf	3	Horizontal	229	1.50
2462MHz_TX	Pass	PK	2.4844G	61.14	74.00	-12.86	3	Horizontal	229	1.50
2462MHz_TX	Pass	AV	4.92244G	32.59	54.00	-21.41	3	Vertical	205	1.50
2462MHz_TX	Pass	PK	4.92082G	44.95	74.00	-29.05	3	Vertical	205	1.50
2462MHz_TX	Pass	AV	4.933G	30.33	54.00	-23.67	3	Horizontal	88	1.50
2462MHz_TX	Pass	PK	4.93636G	43.34	74.00	-30.66	3	Horizontal	88	1.50



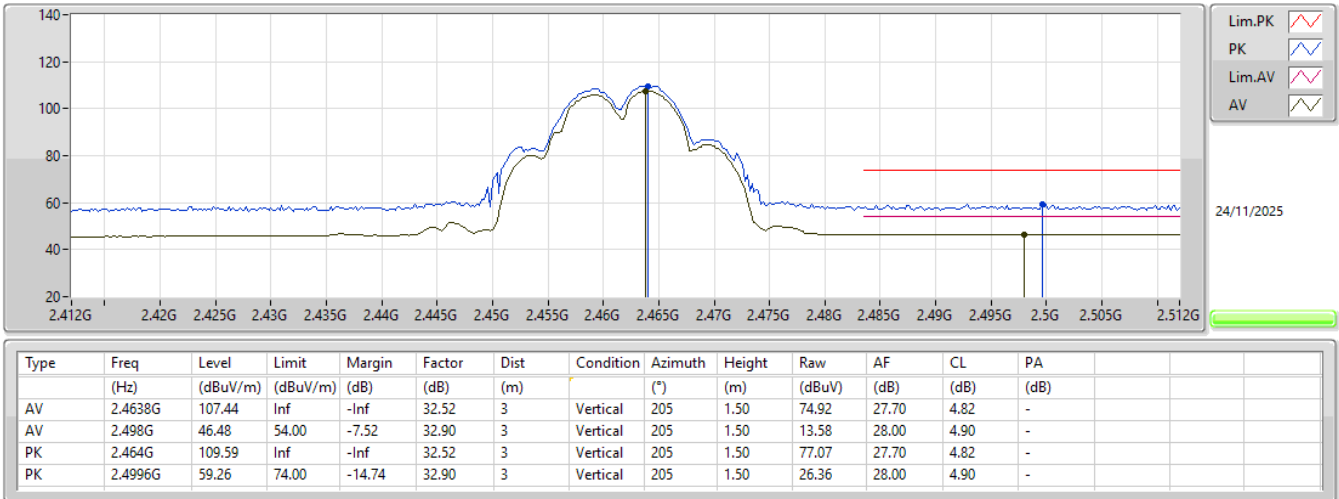
RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TX	Pass	AV	2.39G	50.55	54.00	-3.45	3	Vertical	174	2.41
2422MHz_TX	Pass	AV	2.4232G	106.01	Inf	-Inf	3	Vertical	174	2.41
2422MHz_TX	Pass	AV	2.4835G	47.38	54.00	-6.62	3	Vertical	174	2.41
2422MHz_TX	Pass	PK	2.3896G	62.53	74.00	-11.47	3	Vertical	174	2.41
2422MHz_TX	Pass	PK	2.424G	117.71	Inf	-Inf	3	Vertical	174	2.41
2422MHz_TX	Pass	PK	2.486G	59.58	74.00	-14.42	3	Vertical	174	2.41
2422MHz_TX	Pass	AV	2.39G	45.70	54.00	-8.30	3	Horizontal	221	1.50
2422MHz_TX	Pass	AV	2.4236G	93.79	Inf	-Inf	3	Horizontal	221	1.50
2422MHz_TX	Pass	AV	2.4928G	46.41	54.00	-7.59	3	Horizontal	221	1.50
2422MHz_TX	Pass	PK	2.3252G	58.93	74.00	-15.07	3	Horizontal	221	1.50
2422MHz_TX	Pass	PK	2.4232G	105.16	Inf	-Inf	3	Horizontal	221	1.50
2422MHz_TX	Pass	PK	2.4892G	58.68	74.00	-15.32	3	Horizontal	221	1.50
2422MHz_TX	Pass	AV	4.8446G	32.38	54.00	-21.62	3	Vertical	182	1.93
2422MHz_TX	Pass	PK	4.84244G	45.55	74.00	-28.45	3	Vertical	182	1.93
2422MHz_TX	Pass	AV	4.87376G	29.79	54.00	-24.21	3	Horizontal	231	1.48
2422MHz_TX	Pass	PK	4.8704G	42.10	74.00	-31.90	3	Horizontal	231	1.48
2437MHz_TX	Pass	AV	2.3898G	46.72	54.00	-7.28	3	Vertical	175	2.12
2437MHz_TX	Pass	AV	2.4362G	106.12	Inf	-Inf	3	Vertical	175	2.12
2437MHz_TX	Pass	AV	2.4835G	50.55	54.00	-3.45	3	Vertical	175	2.12
2437MHz_TX	Pass	PK	2.381G	58.26	74.00	-15.74	3	Vertical	175	2.12
2437MHz_TX	Pass	PK	2.4354G	117.50	Inf	-Inf	3	Vertical	175	2.12
2437MHz_TX	Pass	PK	2.4835G	63.81	74.00	-10.19	3	Vertical	175	2.12
2437MHz_TX	Pass	AV	2.3894G	45.46	54.00	-8.54	3	Horizontal	139	1.08
2437MHz_TX	Pass	AV	2.4386G	95.30	Inf	-Inf	3	Horizontal	139	1.08
2437MHz_TX	Pass	AV	2.4835G	47.78	54.00	-6.22	3	Horizontal	139	1.08
2437MHz_TX	Pass	PK	2.3646G	57.85	74.00	-16.15	3	Horizontal	139	1.08
2437MHz_TX	Pass	PK	2.4378G	106.58	Inf	-Inf	3	Horizontal	139	1.08
2437MHz_TX	Pass	PK	2.4842G	59.55	74.00	-14.45	3	Horizontal	139	1.08
2437MHz_TX	Pass	AV	4.87052G	32.83	54.00	-21.17	3	Vertical	166	1.50
2437MHz_TX	Pass	PK	4.87028G	46.66	74.00	-27.34	3	Vertical	166	1.50
2437MHz_TX	Pass	AV	4.9004G	30.15	54.00	-23.85	3	Horizontal	142	1.50
2437MHz_TX	Pass	PK	4.86884G	42.20	74.00	-31.80	3	Horizontal	142	1.50
2452MHz_TX	Pass	AV	2.39G	46.07	54.00	-7.93	3	Vertical	180	2.09
2452MHz_TX	Pass	AV	2.4512G	105.18	Inf	-Inf	3	Vertical	180	2.09
2452MHz_TX	Pass	AV	2.4844G	53.68	54.00	-0.32	3	Vertical	180	2.09
2452MHz_TX	Pass	PK	2.3628G	57.69	74.00	-16.31	3	Vertical	180	2.09
2452MHz_TX	Pass	PK	2.4508G	117.02	Inf	-Inf	3	Vertical	180	2.09
2452MHz_TX	Pass	PK	2.484G	68.32	74.00	-5.68	3	Vertical	180	2.09
2452MHz_TX	Pass	AV	2.3524G	45.33	54.00	-8.67	3	Horizontal	198	1.50
2452MHz_TX	Pass	AV	2.4508G	95.26	Inf	-Inf	3	Horizontal	198	1.50
2452MHz_TX	Pass	AV	2.4868G	48.70	54.00	-5.30	3	Horizontal	198	1.50
2452MHz_TX	Pass	PK	2.37G	57.81	74.00	-16.19	3	Horizontal	198	1.50
2452MHz_TX	Pass	PK	2.4512G	107.03	Inf	-Inf	3	Horizontal	198	1.50
2452MHz_TX	Pass	PK	2.486G	61.41	74.00	-12.59	3	Horizontal	198	1.50
2452MHz_TX	Pass	AV	4.90064G	31.88	54.00	-22.12	3	Vertical	204	1.50
2452MHz_TX	Pass	PK	4.90628G	44.14	74.00	-29.86	3	Vertical	204	1.50
2452MHz_TX	Pass	AV	4.93352G	30.39	54.00	-23.61	3	Horizontal	55	2.86
2452MHz_TX	Pass	PK	4.9082G	42.89	74.00	-31.11	3	Horizontal	55	2.86

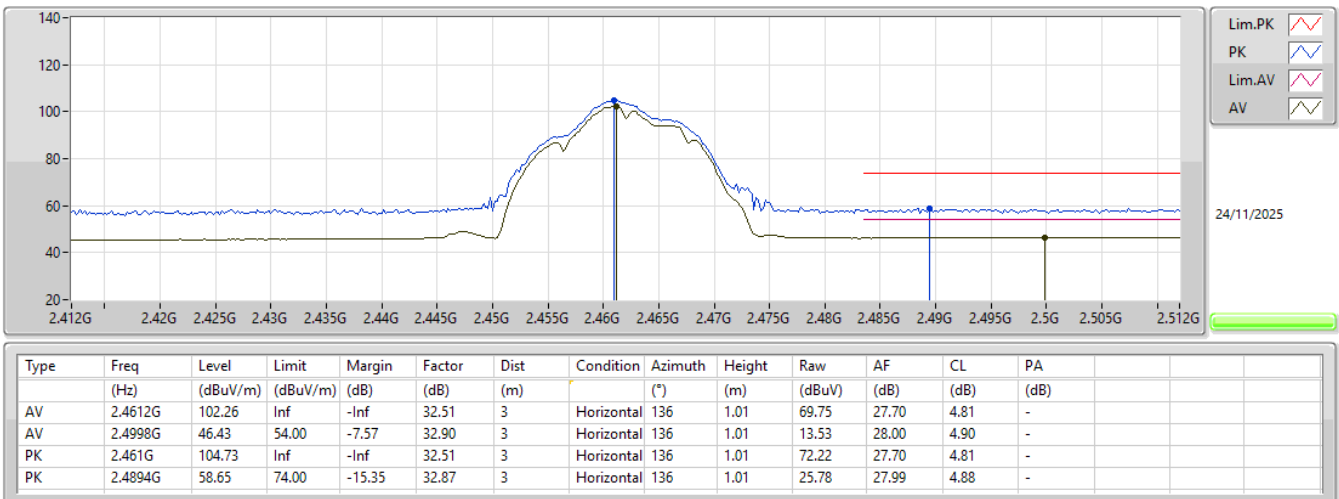
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2462MHz_TX



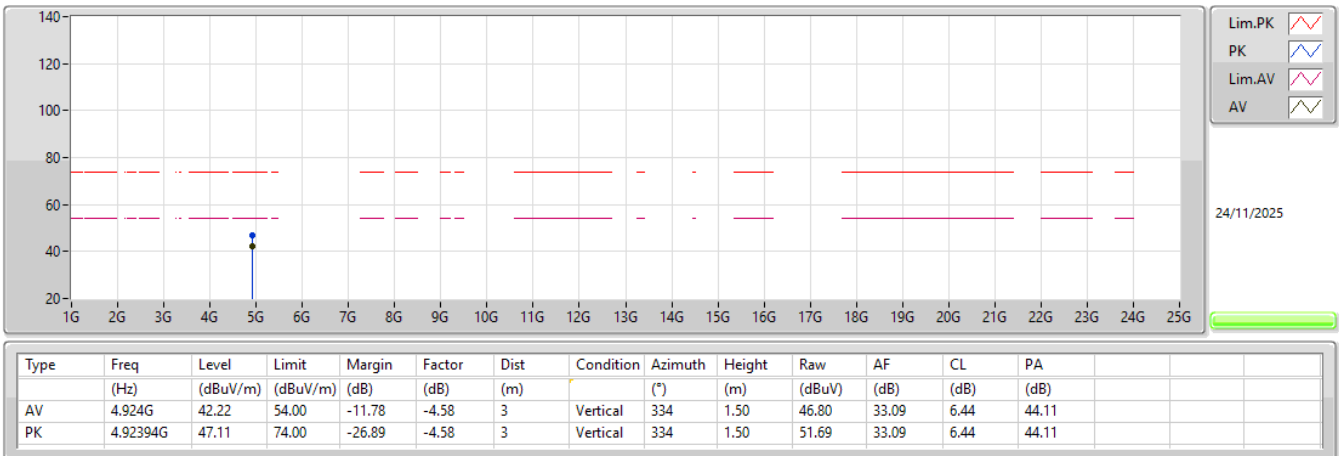
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2462MHz_TX



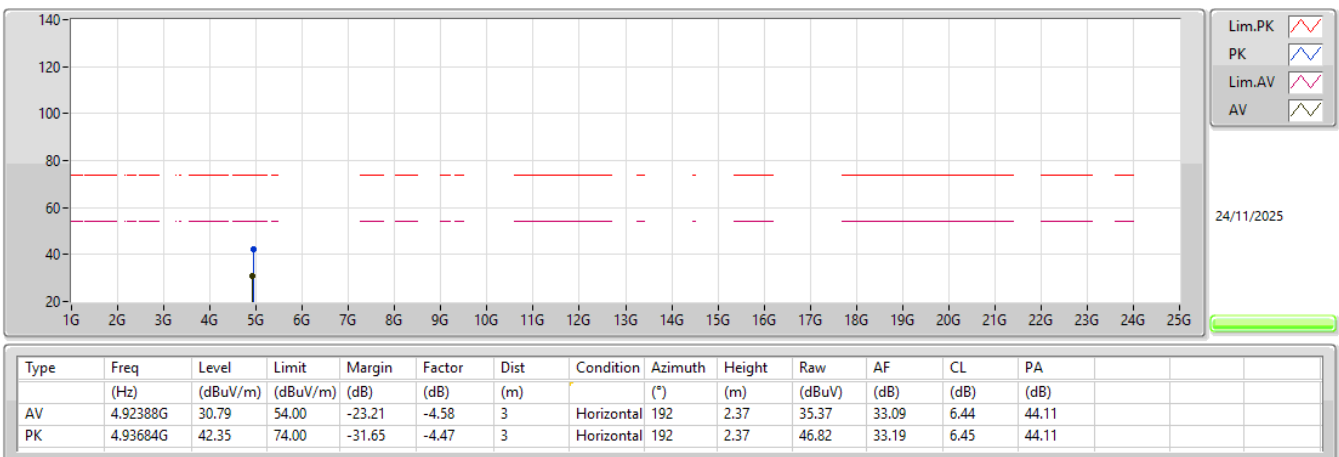
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2462MHz_TX



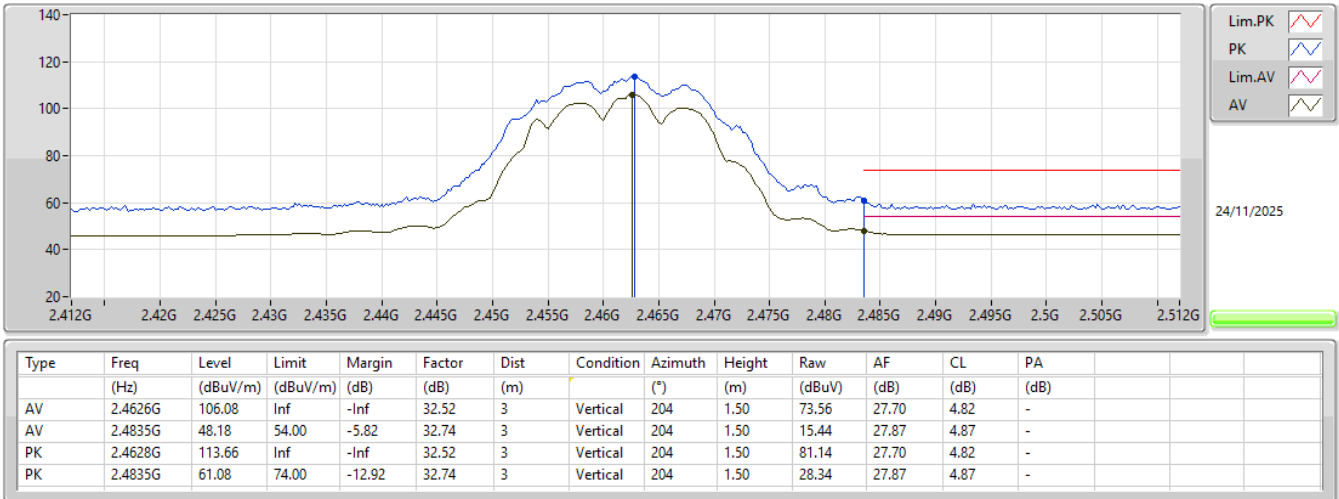
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2462MHz_TX



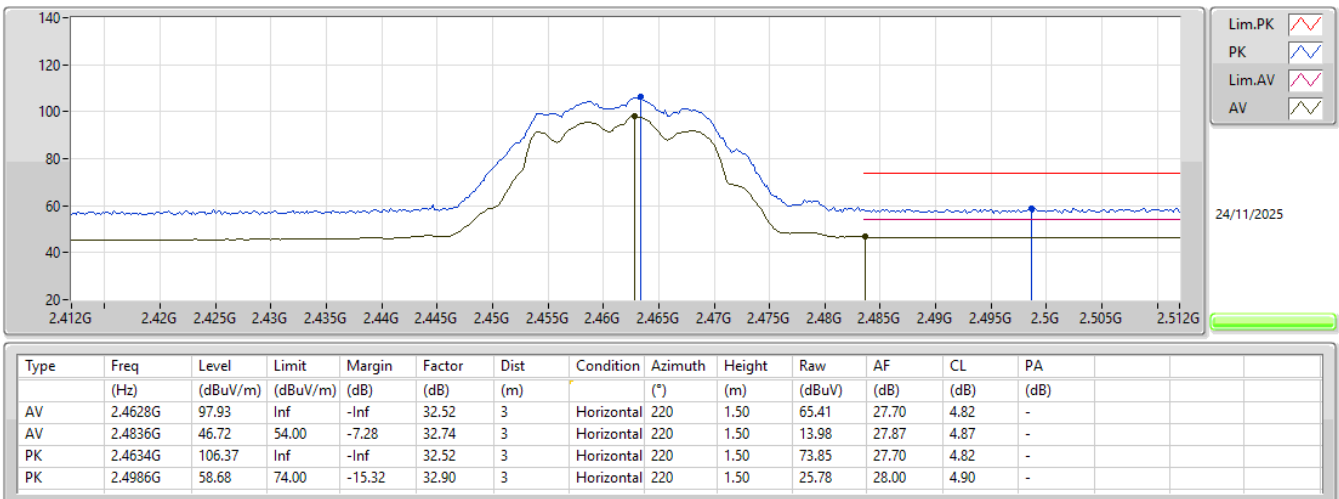
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



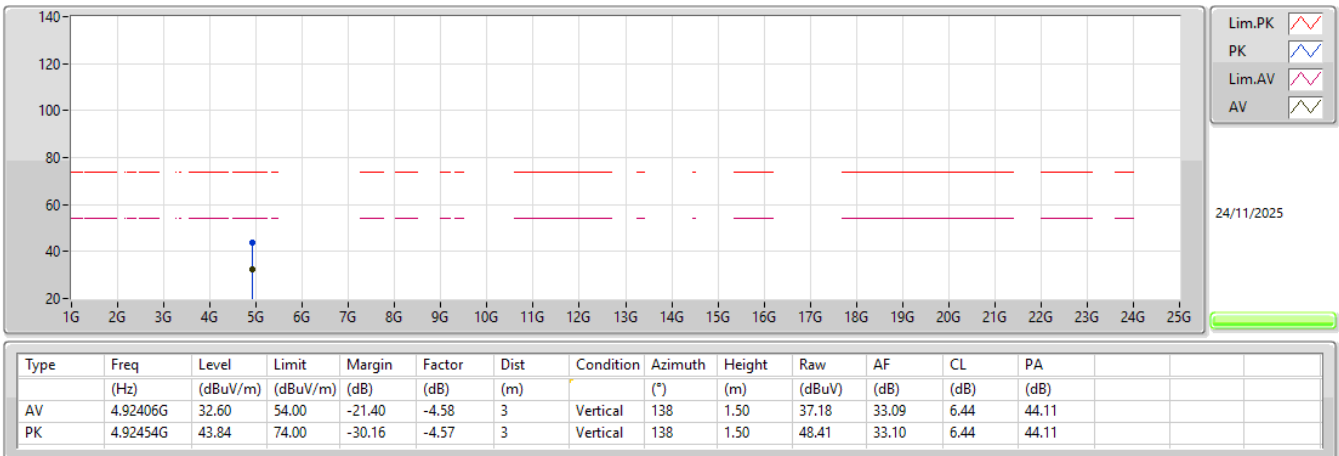
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



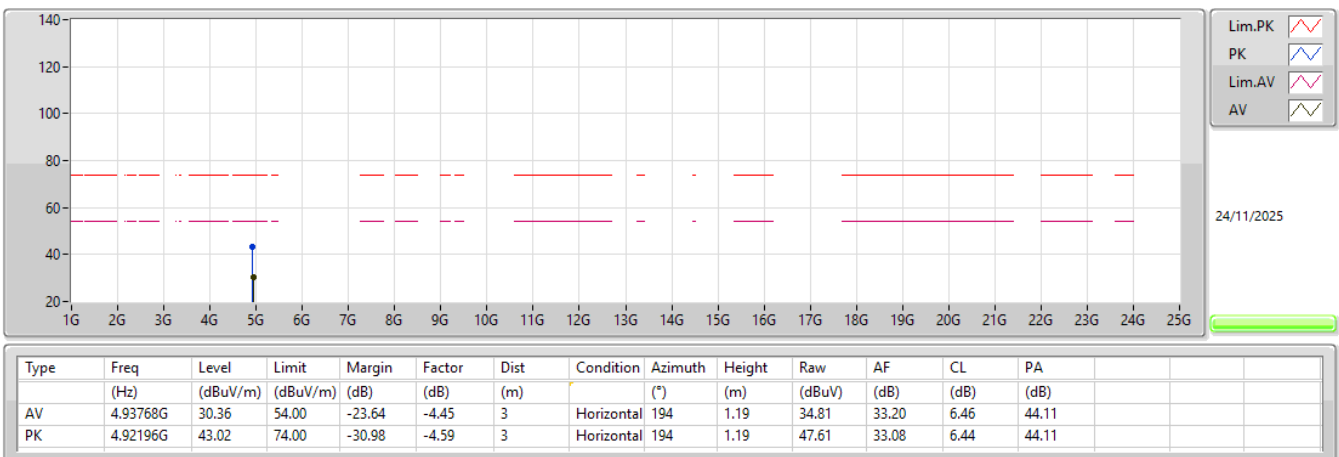
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2462MHz_TX



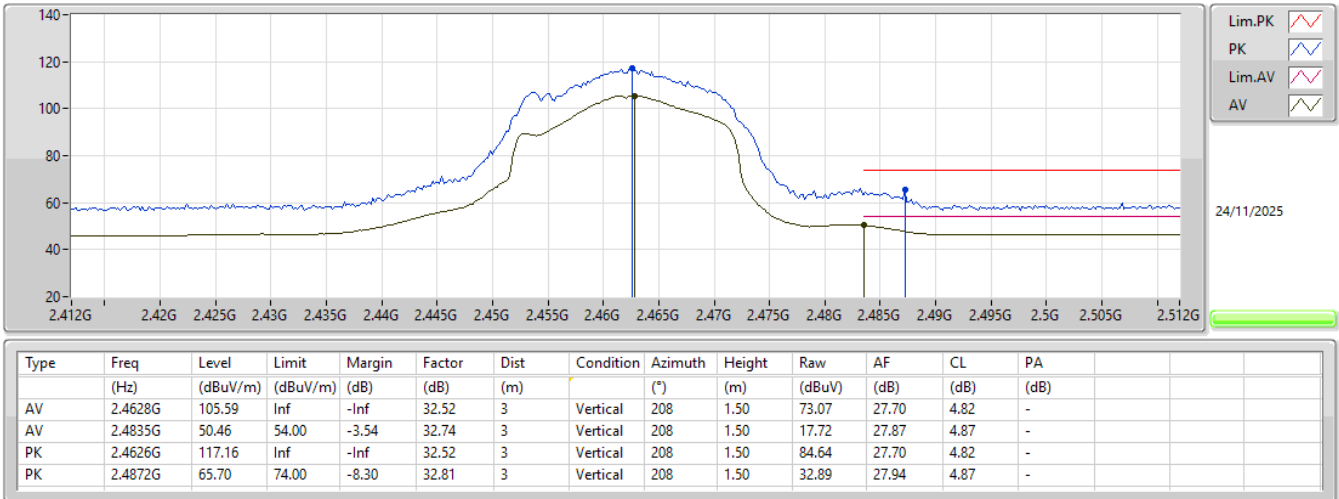
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2462MHz_TX



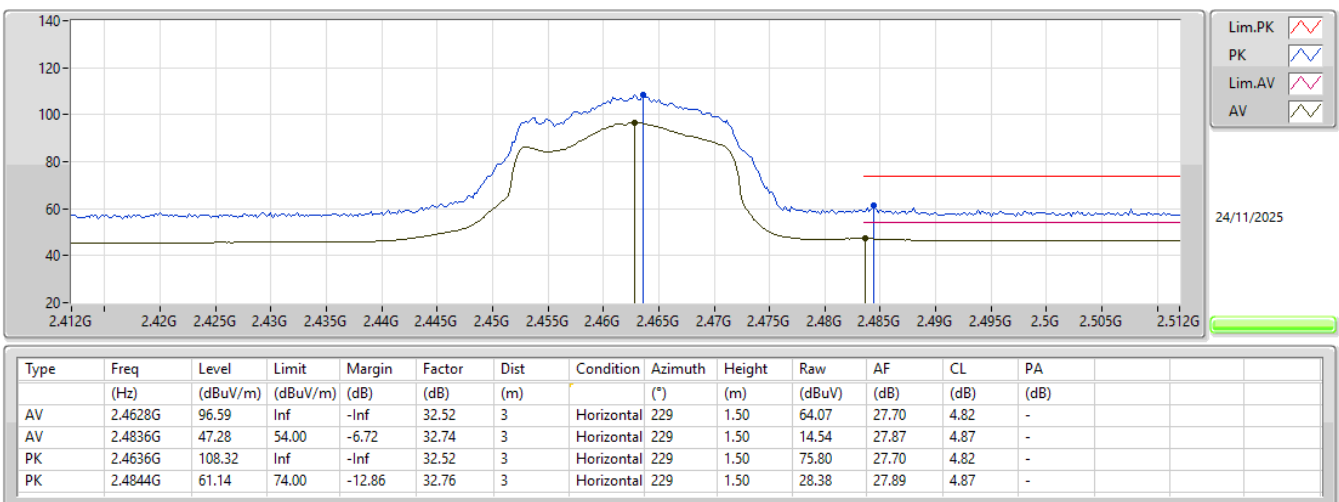
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2462MHz_TX



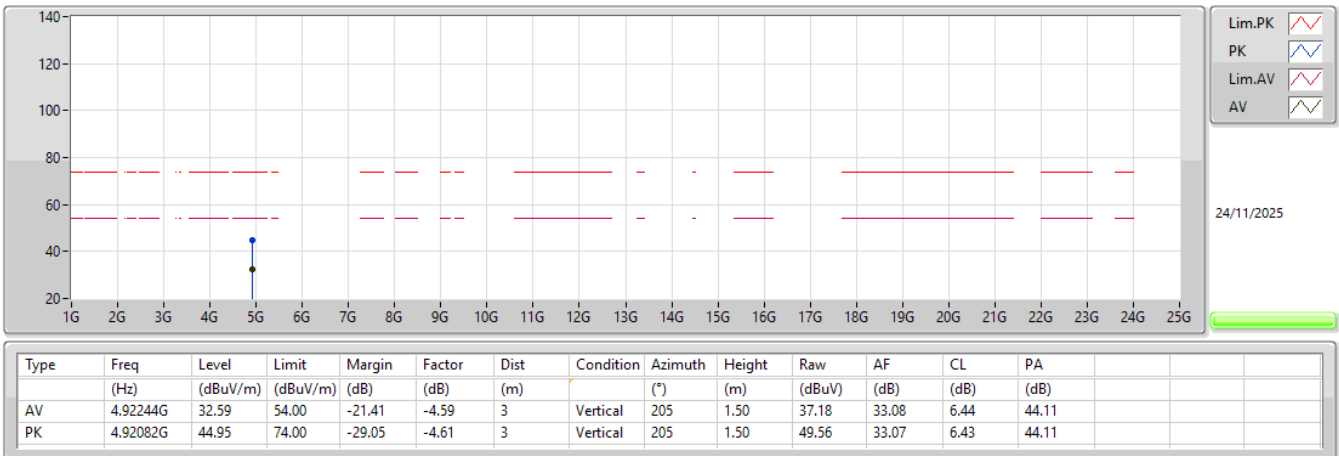
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2462MHz_TX



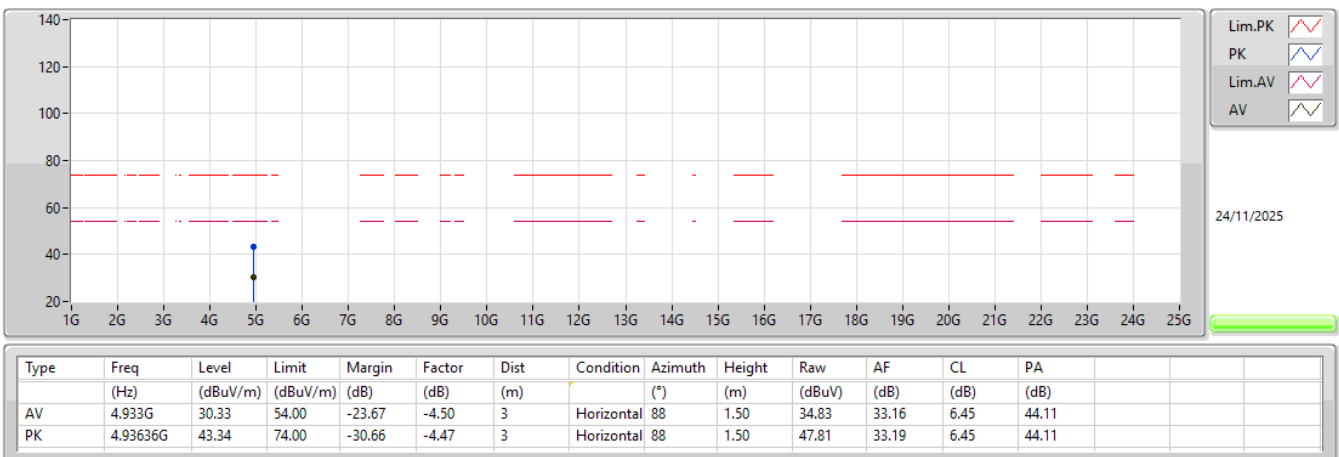
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2462MHz_TX



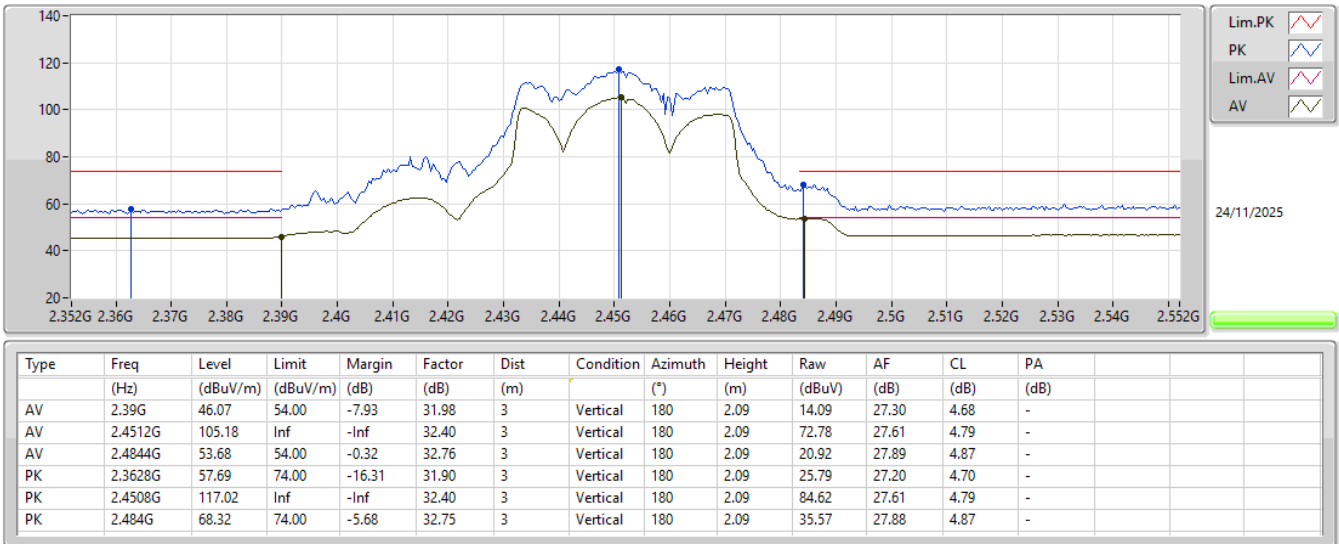
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2462MHz_TX



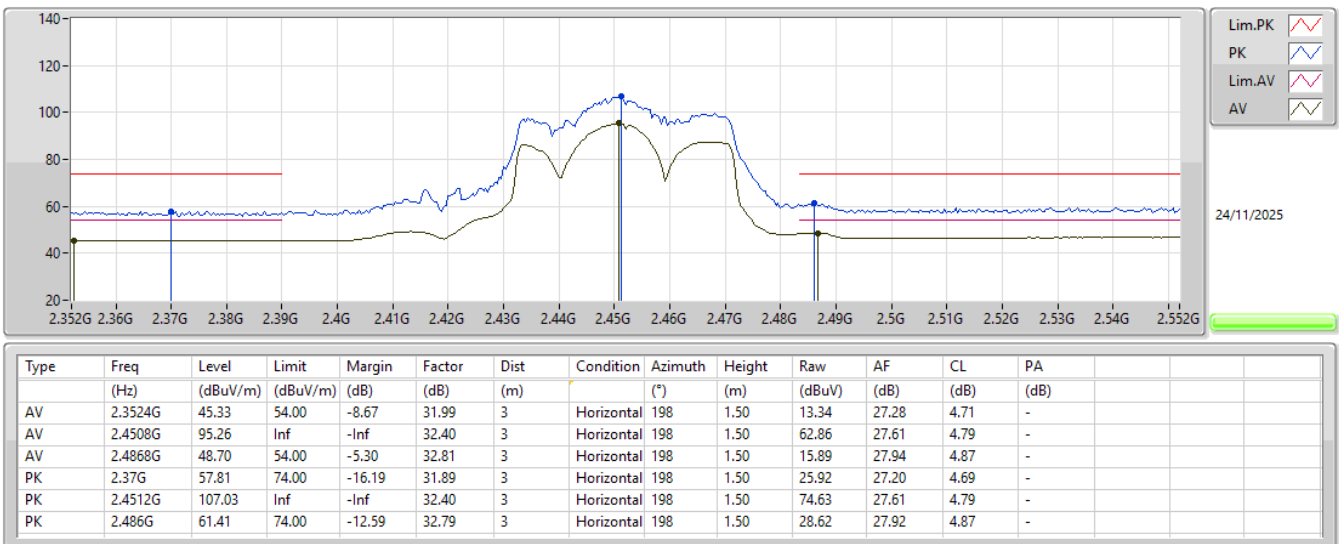
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2452MHz_TX



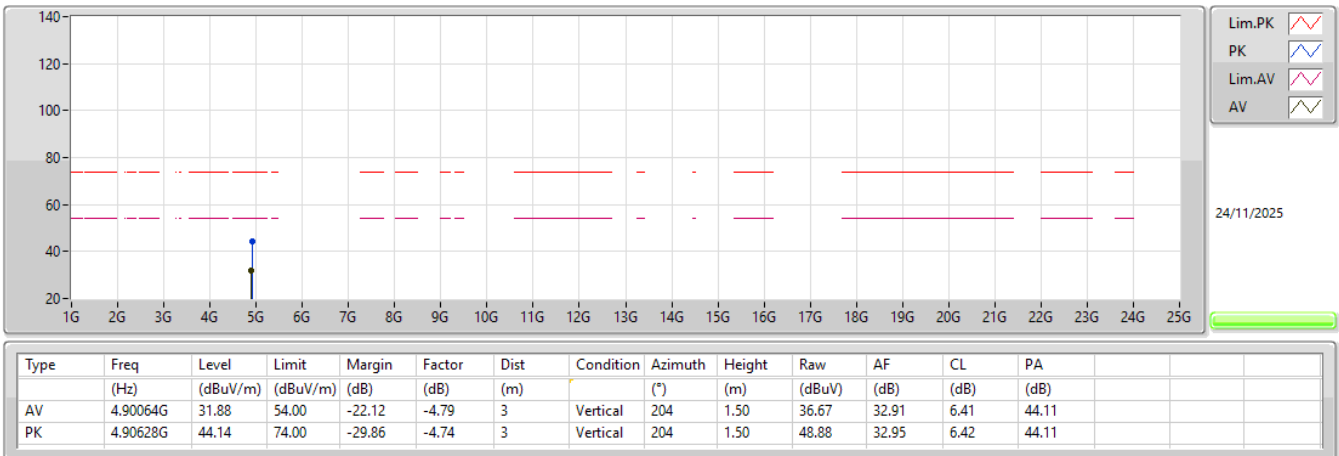
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2452MHz_TX



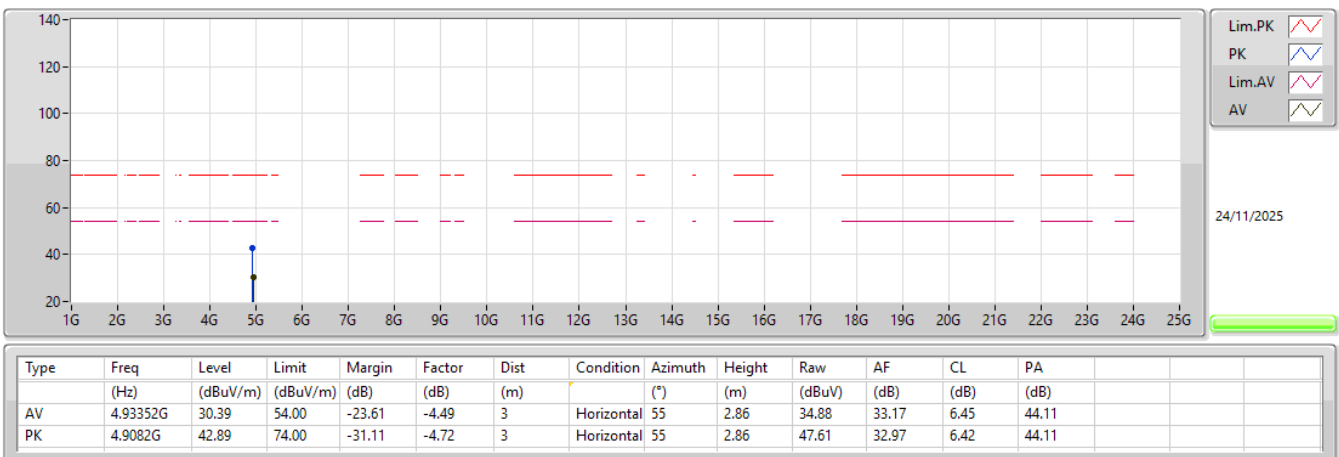
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



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

2452MHz_TX





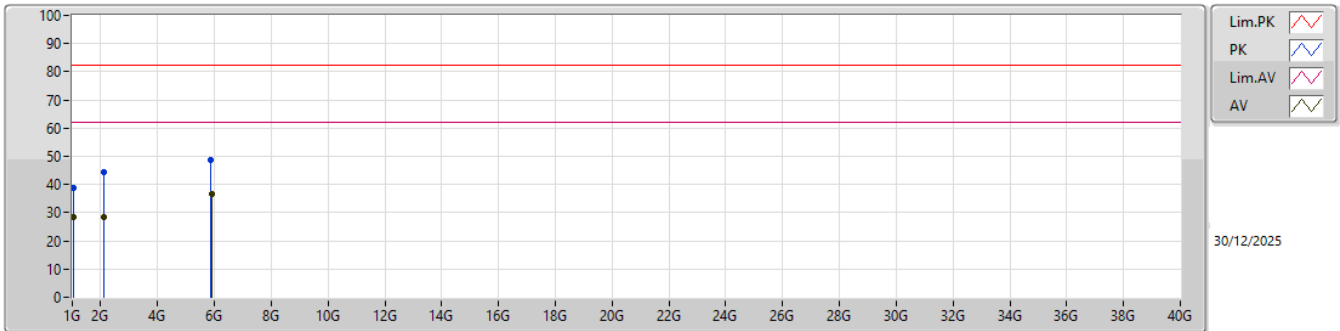
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.88548G	41.19	62.20	-21.01	Horizontal

Result

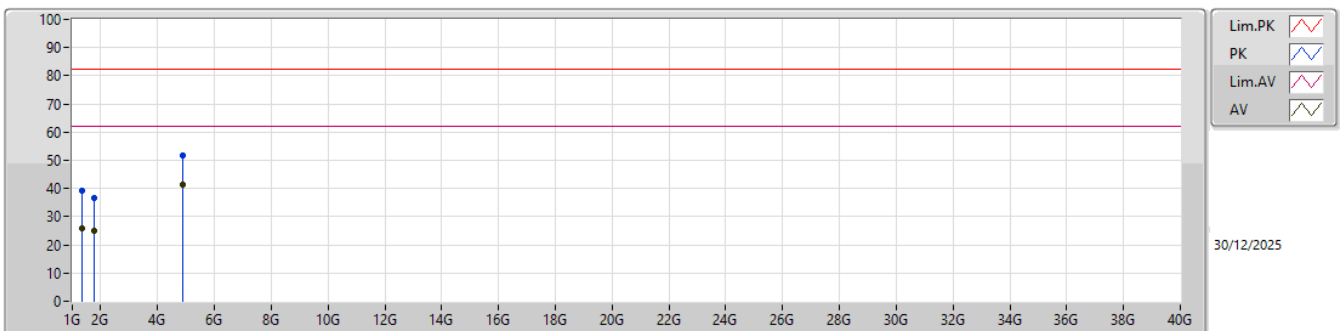
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.06403G	28.58	62.20	-33.62	3	Vertical	80	2.17
Mode 1	Pass	AV	2.12606G	28.29	62.20	-33.91	3	Vertical	171	1.50
Mode 1	Pass	AV	5.893G	36.79	62.20	-25.41	3	Vertical	63	1.49
Mode 1	Pass	PK	1.05461G	38.88	82.20	-43.32	3	Vertical	80	2.17
Mode 1	Pass	PK	2.12462G	44.45	82.20	-37.75	3	Vertical	171	1.50
Mode 1	Pass	PK	5.8846G	48.56	82.20	-33.64	3	Vertical	63	1.49
Mode 1	Pass	AV	1.32808G	25.76	62.20	-36.44	3	Horizontal	0	1.29
Mode 1	Pass	AV	1.7557G	24.90	62.20	-37.30	3	Horizontal	168	2.04
Mode 1	Pass	AV	4.88548G	41.19	62.20	-21.01	3	Horizontal	282	1.03
Mode 1	Pass	PK	1.32886G	39.16	82.20	-43.04	3	Horizontal	0	1.29
Mode 1	Pass	PK	1.75852G	36.50	82.20	-45.70	3	Horizontal	168	2.04
Mode 1	Pass	PK	4.87564G	51.81	82.20	-30.39	3	Horizontal	282	1.03

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.06403G	28.58	62.20	-33.62	-7.38	3	Vertical	80	2.17	35.96	25.10	2.80	35.28
AV	2.12606G	28.29	62.20	-33.91	-2.95	3	Vertical	171	1.50	31.24	27.64	3.98	34.57
AV	5.893G	36.79	62.20	-25.41	6.82	3	Vertical	63	1.49	29.97	34.37	7.06	34.61
PK	1.05461G	38.88	82.20	-43.32	-7.42	3	Vertical	80	2.17	46.30	25.10	2.78	35.30
PK	2.12462G	44.45	82.20	-37.75	-2.93	3	Vertical	171	1.50	47.38	27.65	3.98	34.56
PK	5.8846G	48.56	82.20	-33.64	6.81	3	Vertical	63	1.49	41.75	34.34	7.07	34.60

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.32808G	25.76	62.20	-36.44	-5.75	3	Horizontal	0	1.29	31.51	26.02	3.10	34.87
AV	1.7557G	24.90	62.20	-37.30	-5.78	3	Horizontal	168	2.04	30.68	25.20	3.58	34.56
AV	4.88548G	41.19	62.20	-21.01	4.55	3	Horizontal	282	1.03	36.64	32.81	6.37	34.63
PK	1.32886G	39.16	82.20	-43.04	-5.76	3	Horizontal	0	1.29	44.92	26.01	3.10	34.87
PK	1.75852G	36.50	82.20	-45.70	-5.78	3	Horizontal	168	2.04	42.28	25.20	3.58	34.56
PK	4.87564G	51.81	82.20	-30.39	4.48	3	Horizontal	282	1.03	47.33	32.75	6.36	34.63