

FCC Radio Test Report

FCC ID : TVE-260105

Equipment : Secured Wireless Access Point

Brand Name : FORTINET

Model Name : FAP-221Kxxxxxxxxxx, FortiAP 221Kxxxxxxxxxx,
FORTIAP-221Kxxxxxxxxxx
(Where "x" can be used as "A-Z", or "0-9", or "-", or
blank for software changes or marketing purposes only)

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 Dec. 24, 2025, and testing was started from Jan. 09, 2026 and completed on Feb. 03, 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
FR5D1918AC	01	Initial issue of report	Mar. 17, 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: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

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

Non-Beamforming

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

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.
- ♦ 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 /HEW20/HEW40 mode are the same or lower than EHT20/EHT40.

1.1.2 Antenna Information

Ant.	Brand Name	Model Name	Antenna Type	Connector	Support	Radio
1	WNC	95XPAD15.GEE	PIFA	I-Pex	2.4G+5G	Radio 1:2.4G Radio 2:5G
2	WNC	95XPAD15.GEF	PIFA	I-Pex	2.4G+5G	Radio 1:2.4G Radio 2:5G
3	WNC	95XPAD15.GEG	PIFA	I-Pex	BT	BT

Ant.	Port	Gain (dBi)						
		2.4G	5G					BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-4	
1	1	5.76	5.99	5.46	4.39	4.86	4.76	-
2	2	3.47	4.41	4.31	4.54	4.35	3.83	-
3	1	-	-	-	-	-	-	3.57

Note 1: The EUT has three antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

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

Ant. 3 (port 1) could transmit/receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC 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)

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)



1.1.5 Table for Multiple Listing

Model Name	Description
FAP-221Kxxxxxxxxxx	All the models are identical, the difference model served as marketing strategy.
FortiAP 221Kxxxxxxxxxx	
FORTIAP-221Kxxxxxxxxxx	

Note 1: Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only.
Note 2: From the above models, model: FAP-221K was selected as representative model for the test and its data was recorded in this report.

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	Simon Cheng	17.3~18.1℃ / 55~62%	15/Jan/2026
RF Conducted	TH01-HY	Sonic Li	23.4~23.8℃ / 54~57%	15/Jan/2026~16/Jan/2026
Radiated	03CH03-HY	Simon Cheng	22.2~23.4℃ / 50~52%	09/Jan/2026~14/Jan/2026
Radiated (Co-Location)	03CH03-HY	Simon Cheng	22.3~24.1℃ / 50~54%	03/Feb/2026
☐ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				

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
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Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	26
2437MHz	26
2462MHz	26
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	24.5
2417MHz	24.5
2437MHz	26
2457MHz	24
2462MHz	23
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	23.5
2417MHz	24.5
2437MHz	25
2457MHz	23
2462MHz	21.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	23
2437MHz	22.5
2447MHz	19.5
2452MHz	20

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	23.5
2417MHz	24.5
2437MHz	25
2457MHz	23
2462MHz	21.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	23
2437MHz	22.5
2447MHz	19.5
2452MHz	20

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	Adapter Mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter Mode		
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
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1:2.4G + Radio 2:5G + Bluetooth
Refer to Sporton Test Report No.: FA5D1918 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Mounting Bracket	Brand Name	Qisda	Model Name	6B.PRANQ.009

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

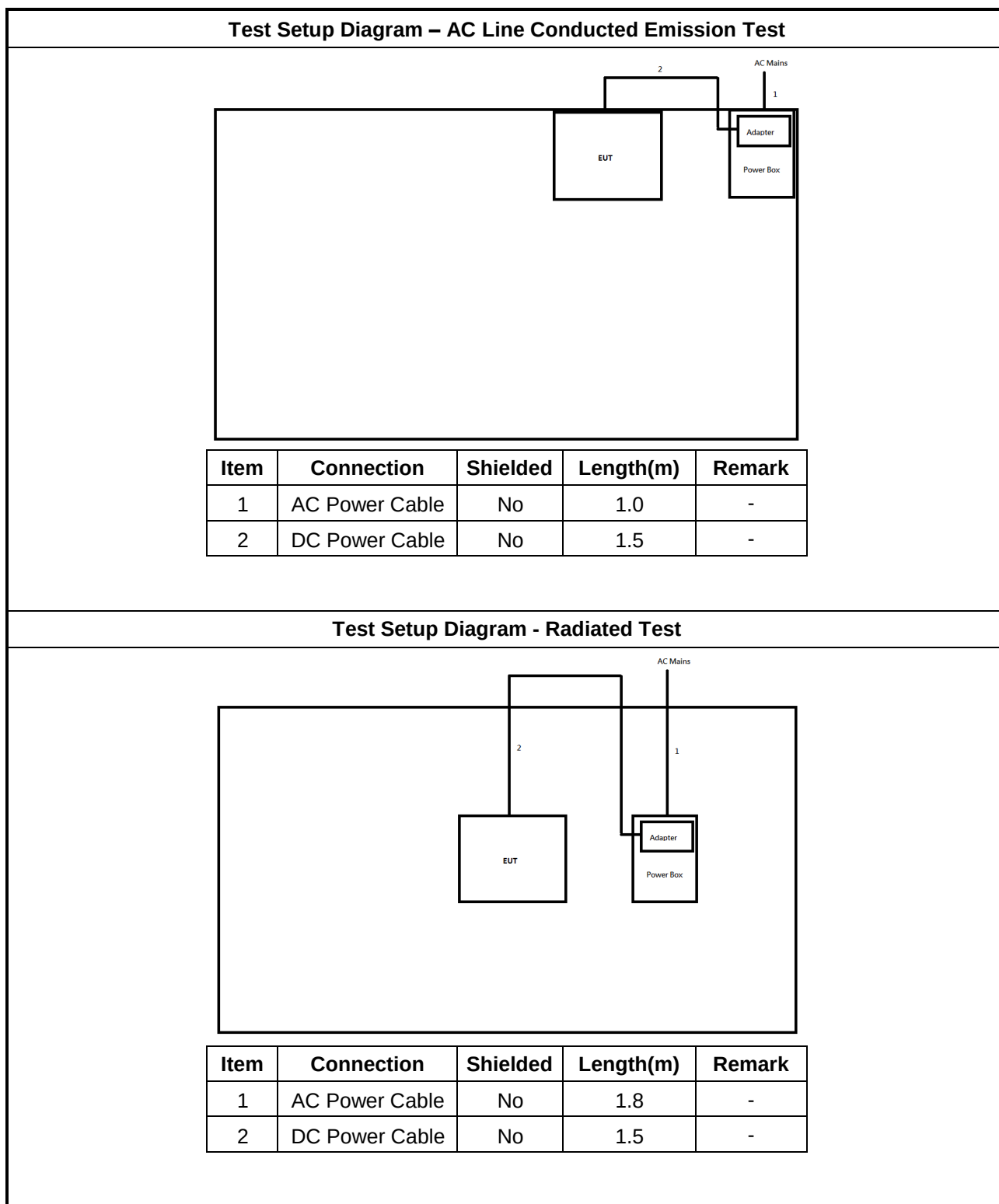
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	ASIAN	WA-48A12R	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN	WA-48A12R	-	Provided by Customer
4	PoE	Microsemi	PD-9001GR/AT/AC	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	ASIAN	WA-48A12R	-	Provided by Customer

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

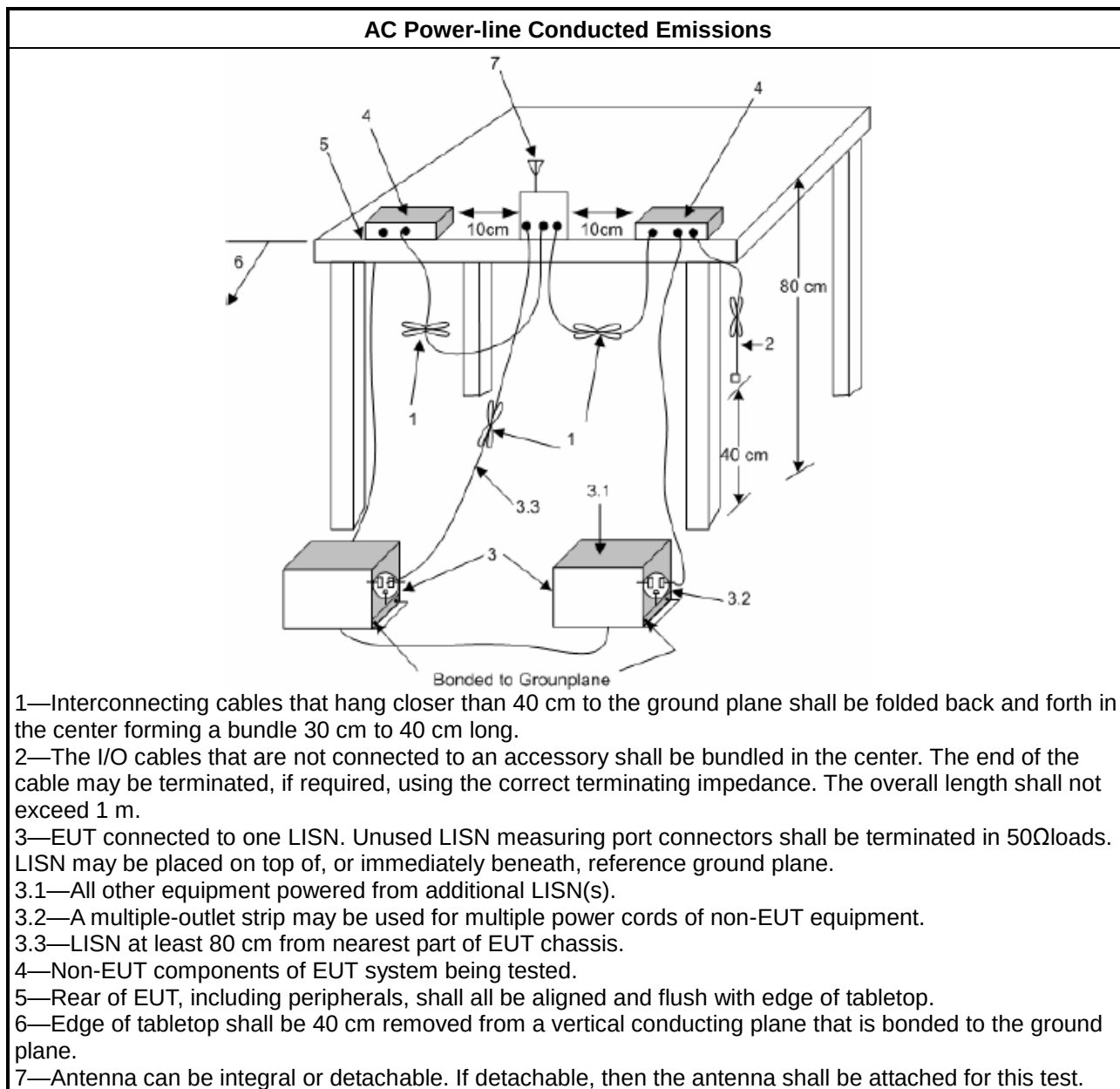
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

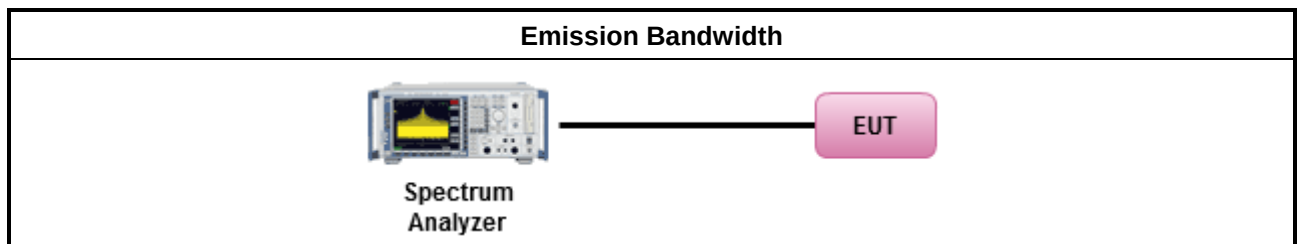
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

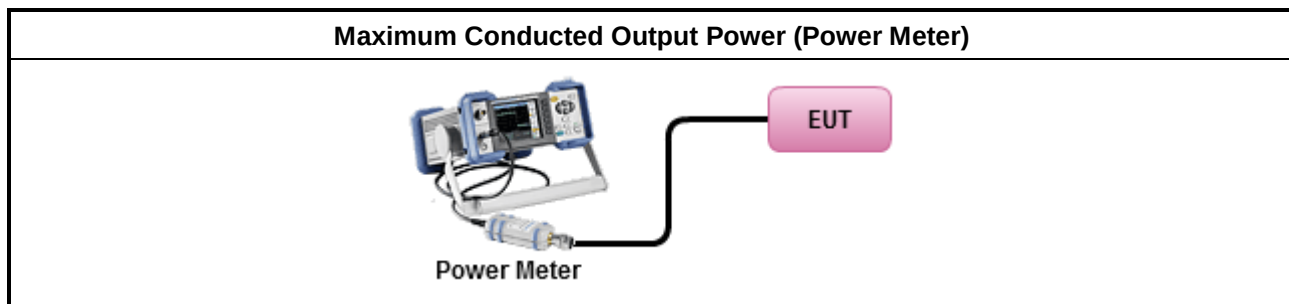
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

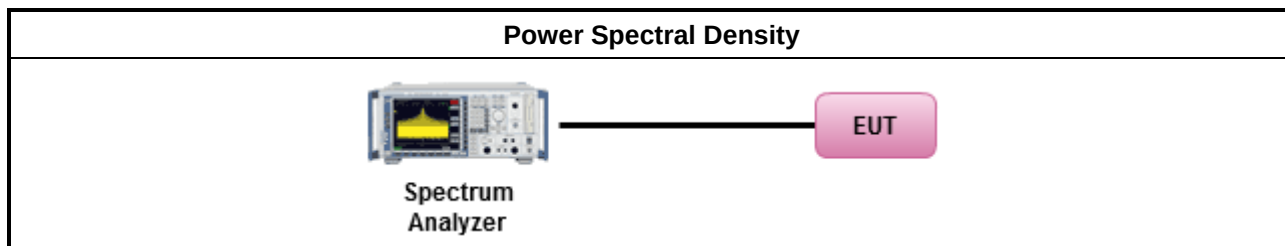
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

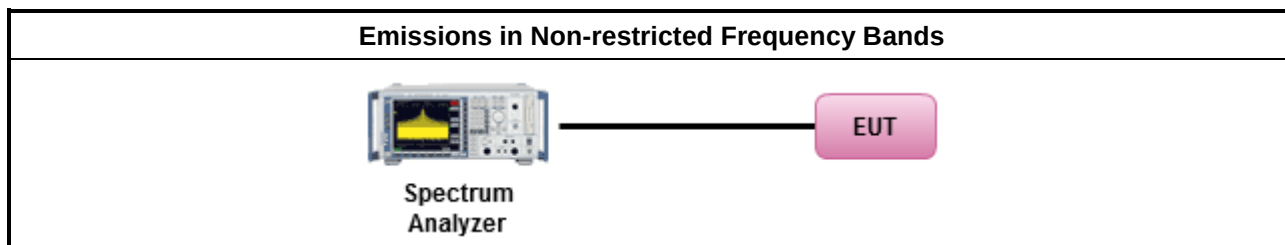
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

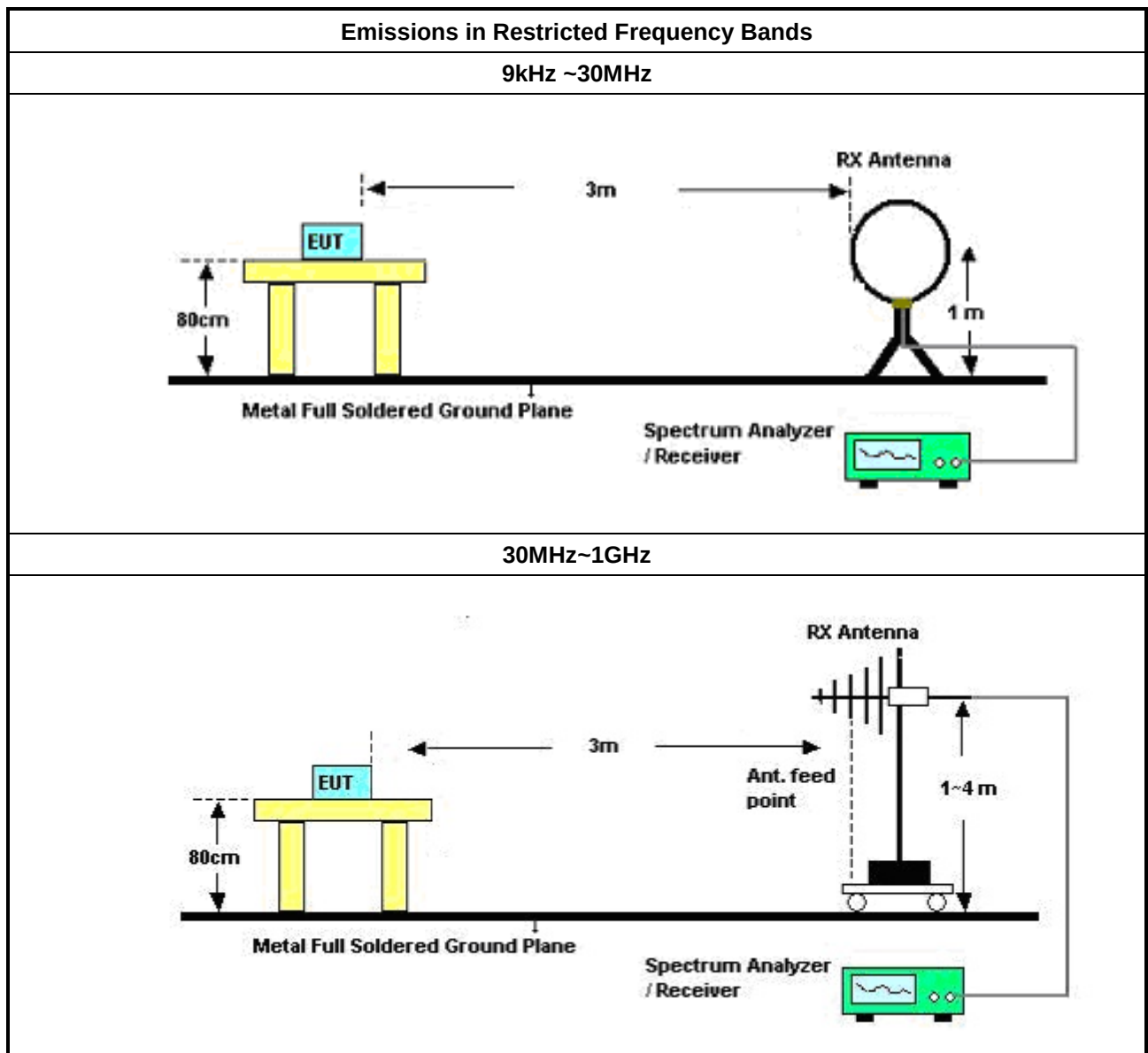
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

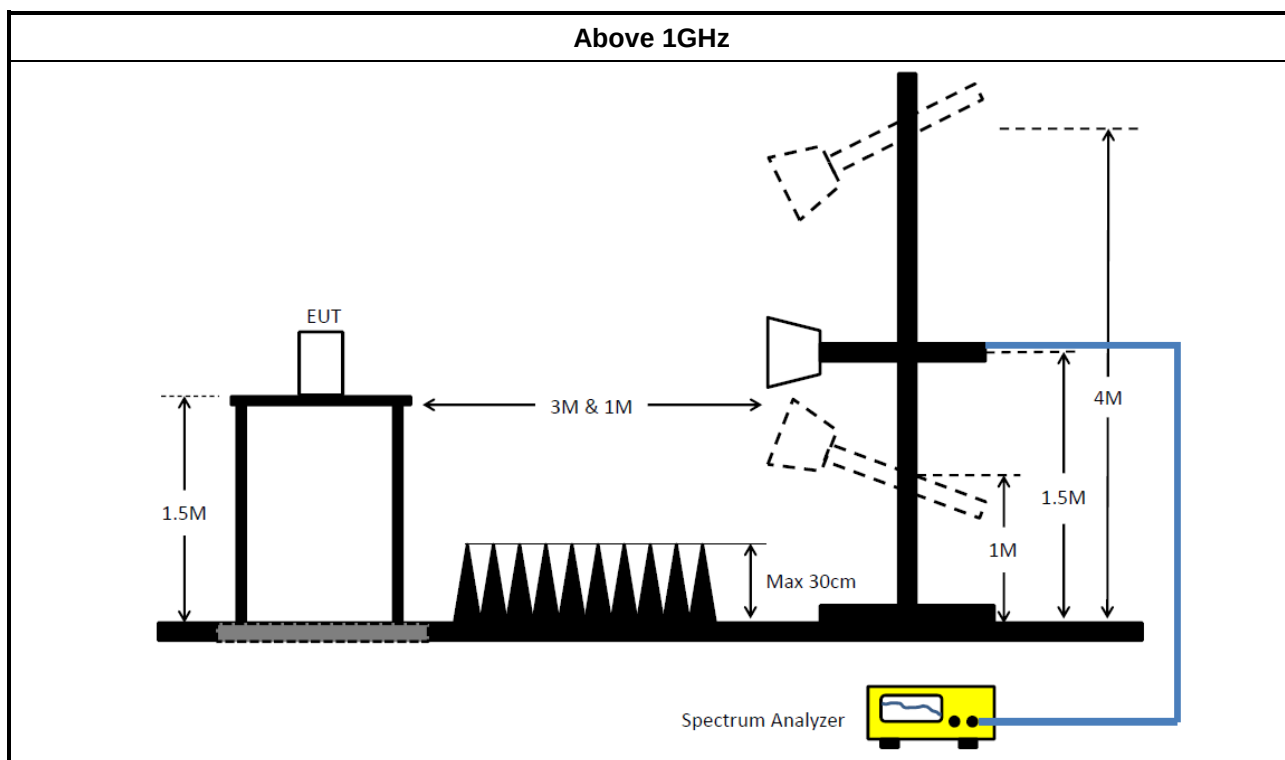
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV3044	101438	10Hz~44GHz	14/Oct/2025	13/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	13/Feb/2025	12/Feb/2026
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	13/Feb/2025	12/Feb/2026
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
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	28/Oct/2025	27/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15247_FS	Sporton	V5.11.23	NA	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	13/Jul/2025	12/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMC	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	11/Oct/2025	10/Oct/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	28/Oct/2025	27/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	10/Jun/2025	09/Jun/2026
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	10/Jun/2025	09/Jun/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	12/Sep/2025	11/Sep/2026
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15247_DTS	Sporton	V5.11.23	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

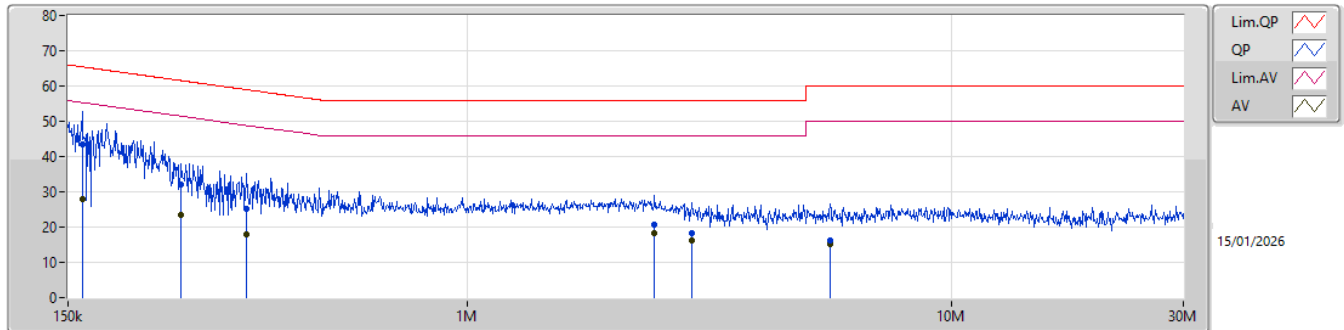
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.2k	45.15	65.92	-20.77	Neutral

Result

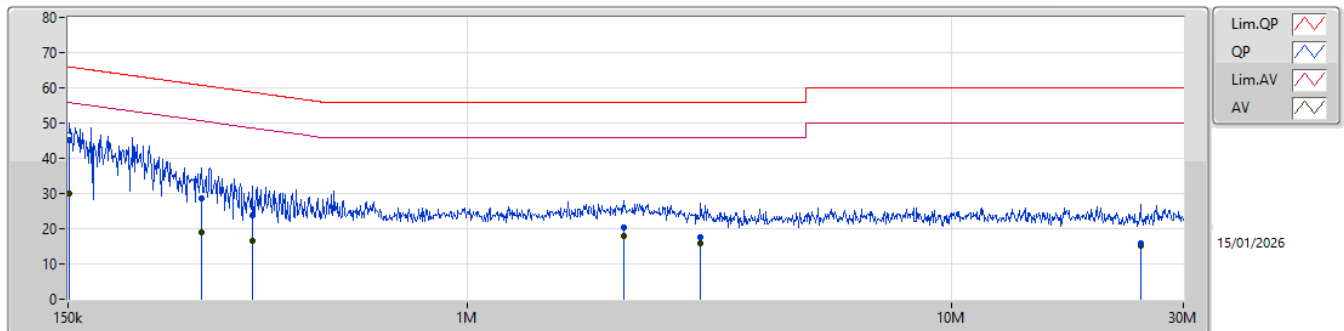
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	160.53k	43.57	65.43	-21.86	Line
Mode 1	Pass	AV	160.53k	27.83	55.43	-27.60	Line
Mode 1	Pass	QP	257.12k	32.19	61.53	-29.34	Line
Mode 1	Pass	AV	257.12k	23.41	51.53	-28.12	Line
Mode 1	Pass	QP	351.05k	25.11	58.94	-33.83	Line
Mode 1	Pass	AV	351.05k	18.01	48.94	-30.93	Line
Mode 1	Pass	QP	2.43M	20.76	56.00	-35.24	Line
Mode 1	Pass	AV	2.43M	18.33	46.00	-27.67	Line
Mode 1	Pass	QP	2.91M	18.23	56.00	-37.77	Line
Mode 1	Pass	AV	2.91M	16.14	46.00	-29.86	Line
Mode 1	Pass	QP	5.61M	16.06	60.00	-43.94	Line
Mode 1	Pass	AV	5.61M	15.22	50.00	-34.78	Line
Mode 1	Pass	QP	151.2k	45.15	65.92	-20.77	Neutral
Mode 1	Pass	AV	151.2k	29.95	55.92	-25.97	Neutral
Mode 1	Pass	QP	282.98k	28.73	60.72	-31.99	Neutral
Mode 1	Pass	AV	282.98k	18.89	50.72	-31.83	Neutral
Mode 1	Pass	QP	359.56k	23.64	58.73	-35.09	Neutral
Mode 1	Pass	AV	359.56k	16.54	48.73	-32.19	Neutral
Mode 1	Pass	QP	2.1M	20.19	56.00	-35.81	Neutral
Mode 1	Pass	AV	2.1M	17.80	46.00	-28.20	Neutral
Mode 1	Pass	QP	3.03M	17.57	56.00	-38.43	Neutral
Mode 1	Pass	AV	3.03M	15.82	46.00	-30.18	Neutral
Mode 1	Pass	QP	24.45M	15.87	60.00	-44.13	Neutral
Mode 1	Pass	AV	24.45M	15.03	50.00	-34.97	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	160.53k	43.57	65.43	-21.86	19.77	Line	23.80	9.64	0.01	10.12								
AV	160.53k	27.83	55.43	-27.60	19.77	Line	8.06	9.64	0.01	10.12								
QP	257.12k	32.19	61.53	-29.34	19.78	Line	12.41	9.64	0.02	10.12								
AV	257.12k	23.41	51.53	-28.12	19.78	Line	3.63	9.64	0.02	10.12								
QP	351.05k	25.11	58.94	-33.83	19.78	Line	5.33	9.63	0.03	10.12								
AV	351.05k	18.01	48.94	-30.93	19.78	Line	-1.77	9.63	0.03	10.12								
QP	2.43M	20.76	56.00	-35.24	19.82	Line	0.94	9.65	0.04	10.13								
AV	2.43M	18.33	46.00	-27.67	19.82	Line	-1.49	9.65	0.04	10.13								
QP	2.91M	18.23	56.00	-37.77	19.83	Line	-1.60	9.66	0.04	10.13								
AV	2.91M	16.14	46.00	-29.86	19.83	Line	-3.69	9.66	0.04	10.13								
QP	5.61M	16.06	60.00	-43.94	19.92	Line	-3.86	9.67	0.12	10.13								
AV	5.61M	15.22	50.00	-34.78	19.92	Line	-4.70	9.67	0.12	10.13								

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	151.2k	45.15	65.92	-20.77	19.77	Neutral	25.38	9.64	0.01	10.12								
AV	151.2k	29.95	55.92	-25.97	19.77	Neutral	10.18	9.64	0.01	10.12								
QP	282.98k	28.73	60.72	-31.99	19.77	Neutral	8.96	9.63	0.02	10.12								
AV	282.98k	18.89	50.72	-31.83	19.77	Neutral	-0.88	9.63	0.02	10.12								
QP	359.56k	23.64	58.73	-35.09	19.78	Neutral	3.86	9.63	0.03	10.12								
AV	359.56k	16.54	48.73	-32.19	19.78	Neutral	-3.24	9.63	0.03	10.12								
QP	2.1M	20.19	56.00	-35.81	19.81	Neutral	0.38	9.65	0.03	10.13								
AV	2.1M	17.80	46.00	-28.20	19.81	Neutral	-2.01	9.65	0.03	10.13								
QP	3.03M	17.57	56.00	-38.43	19.83	Neutral	-2.26	9.66	0.04	10.13								
AV	3.03M	15.82	46.00	-30.18	19.83	Neutral	-4.01	9.66	0.04	10.13								
QP	24.45M	15.87	60.00	-44.13	20.13	Neutral	-4.26	9.69	0.32	10.12								
AV	24.45M	15.03	50.00	-34.97	20.13	Neutral	-5.10	9.69	0.32	10.12								

**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	8.525M	13.36M	13M4G1D	7.075M	13.09M
802.11g_Nss1,(6Mbps)_2TX	16.3M	17.398M	17M4D1D	12.55M	16.438M
802.11be EHT20_Nss1,(MCS0)_2TX	18.425M	18.984M	19M0D1D	10.8M	18.816M
802.11be EHT40_Nss1,(MCS0)_2TX	36.4M	37.883M	37M9D1D	25.1M	37.487M

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	7.075M	13.215M	8.525M	13.099M
2437MHz	Pass	500k	8.225M	13.09M	7.8M	13.249M
2462MHz	Pass	500k	7.25M	13.344M	7.7M	13.36M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.75M	16.632M	16.3M	16.473M
2437MHz	Pass	500k	12.55M	16.452M	15.85M	17.398M
2462MHz	Pass	500k	15.7M	16.438M	15.725M	16.502M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.8M	18.816M	18.425M	18.932M
2437MHz	Pass	500k	11.125M	18.984M	13.25M	18.925M
2462MHz	Pass	500k	13.05M	18.846M	18.425M	18.953M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.4M	37.607M	25.1M	37.487M
2437MHz	Pass	500k	31.95M	37.694M	31.1M	37.772M
2452MHz	Pass	500k	34.1M	37.883M	32.05M	37.864M

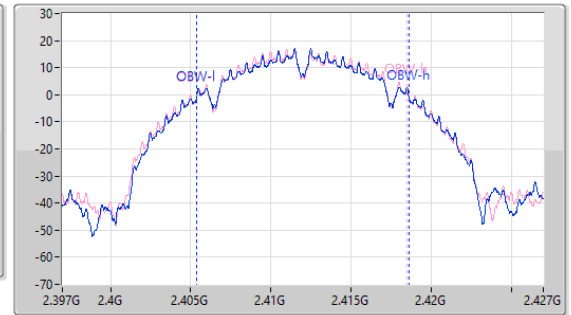
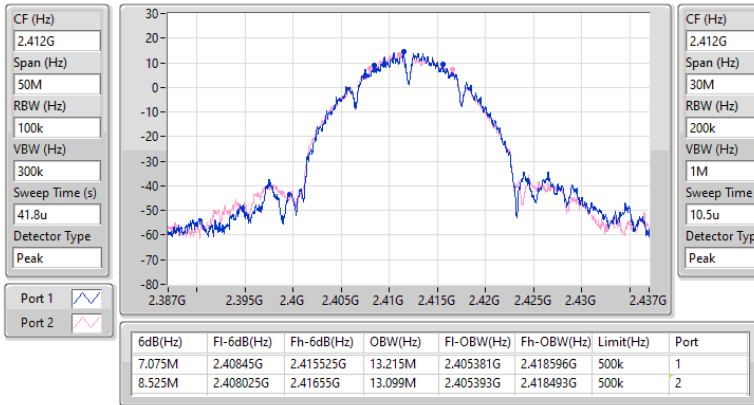
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

15/01/2026

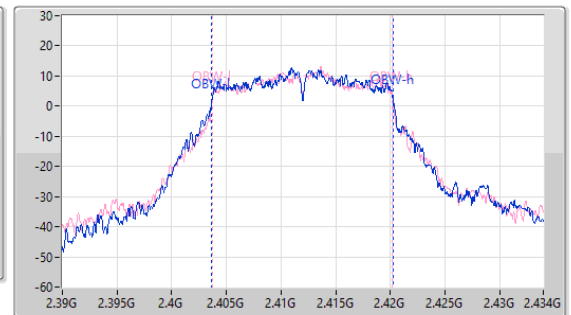
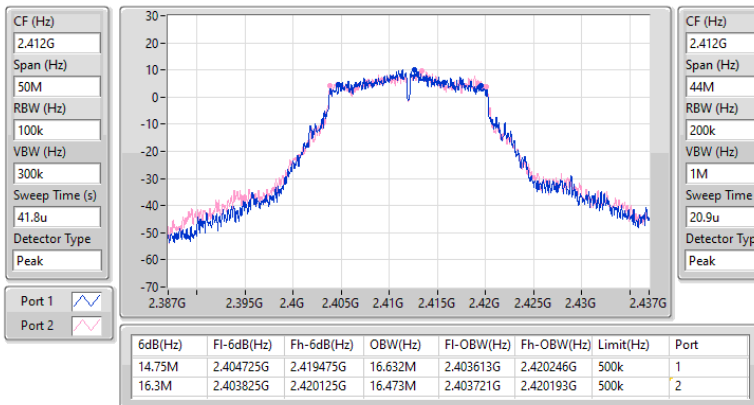


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

15/01/2026

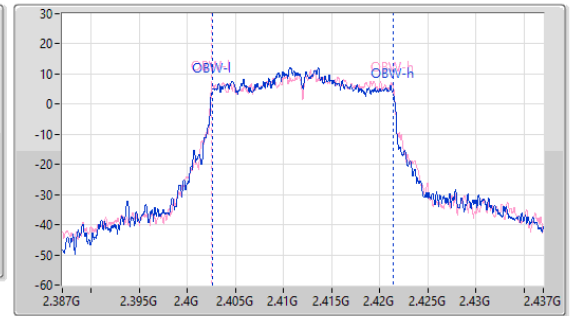
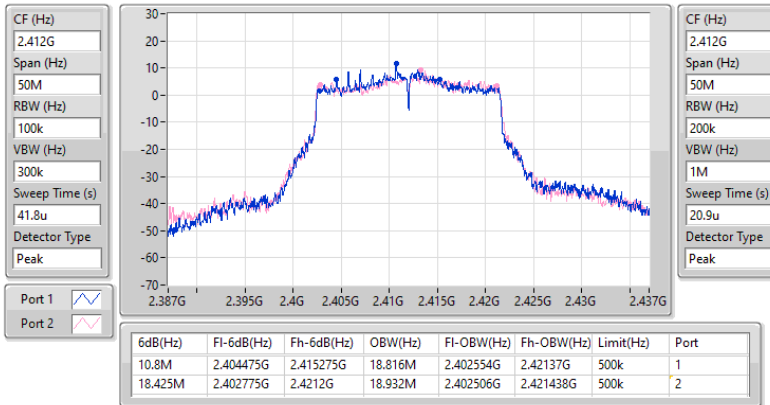


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

15/01/2026

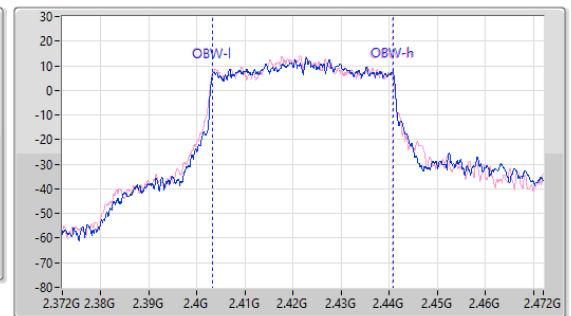
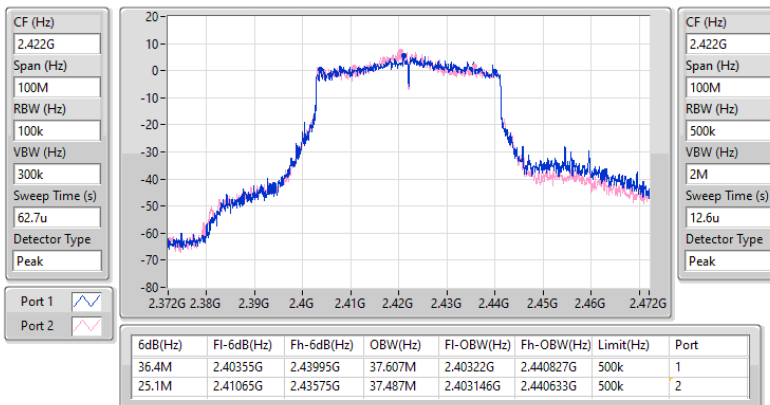


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

15/01/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	28.27	0.67143
802.11g_Nss1,(6Mbps)_2TX	27.86	0.61094
802.11be EHT20_Nss1,(MCS0)_2TX	27.02	0.50350
802.11be EHT40_Nss1,(MCS0)_2TX	25.11	0.32434



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	5.76	24.79	24.84	27.83	30.00
2437MHz	Pass	5.76	25.10	25.42	28.27	30.00
2462MHz	Pass	5.76	25.00	25.06	28.04	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.76	23.14	23.05	26.11	30.00
2417MHz	Pass	5.76	22.95	23.02	26.00	30.00
2437MHz	Pass	5.76	24.68	25.01	27.86	30.00
2457MHz	Pass	5.76	22.90	22.99	25.96	30.00
2462MHz	Pass	5.76	21.93	22.03	24.99	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.76	22.34	22.07	25.22	30.00
2417MHz	Pass	5.76	23.16	22.96	26.07	30.00
2437MHz	Pass	5.76	23.66	24.33	27.02	30.00
2457MHz	Pass	5.76	22.06	22.29	25.19	30.00
2462MHz	Pass	5.76	20.08	20.52	23.32	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.76	21.79	22.38	25.11	30.00
2437MHz	Pass	5.76	21.51	21.97	24.76	30.00
2447MHz	Pass	5.76	18.86	19.10	21.99	30.00
2452MHz	Pass	5.76	19.44	19.68	22.57	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	27.02	0.50350
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.11	0.32434



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	7.70	22.34	22.07	25.22	28.30
2417MHz	Pass	7.70	23.16	22.96	26.07	28.30
2437MHz	Pass	7.70	23.66	24.33	27.02	28.30
2457MHz	Pass	7.70	22.06	22.29	25.19	28.30
2462MHz	Pass	7.70	20.08	20.52	23.32	28.30
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.70	21.79	22.38	25.11	28.30
2437MHz	Pass	7.70	21.51	21.97	24.76	28.30
2447MHz	Pass	7.70	18.86	19.1	21.99	28.30
2452MHz	Pass	7.70	19.44	19.68	22.57	28.30

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	2.27
802.11g_Nss1,(6Mbps)_2TX	1.17
802.11be EHT20_Nss1,(MCS0)_2TX	0.09
802.11be EHT40_Nss1,(MCS0)_2TX	-4.82

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	7.70	-0.87	-3.58	0.88	6.30
2437MHz	Pass	7.70	1.09	-2.77	2.27	6.30
2462MHz	Pass	7.70	-0.89	-2.85	1.21	6.30
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.70	-3.73	-2.54	-0.81	6.30
2437MHz	Pass	7.70	-1.14	0.27	1.17	6.30
2462MHz	Pass	7.70	-4.48	-5.37	-2.34	6.30
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.70	-3.31	-4.16	-1.21	6.30
2437MHz	Pass	7.70	-2.66	-0.84	0.09	6.30
2462MHz	Pass	7.70	-6.42	-4.84	-3.97	6.30
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.70	-7.88	-6.47	-4.82	6.30
2437MHz	Pass	7.70	-7.58	-5.77	-4.99	6.30
2452MHz	Pass	7.70	-8.77	-8.78	-6.48	6.30

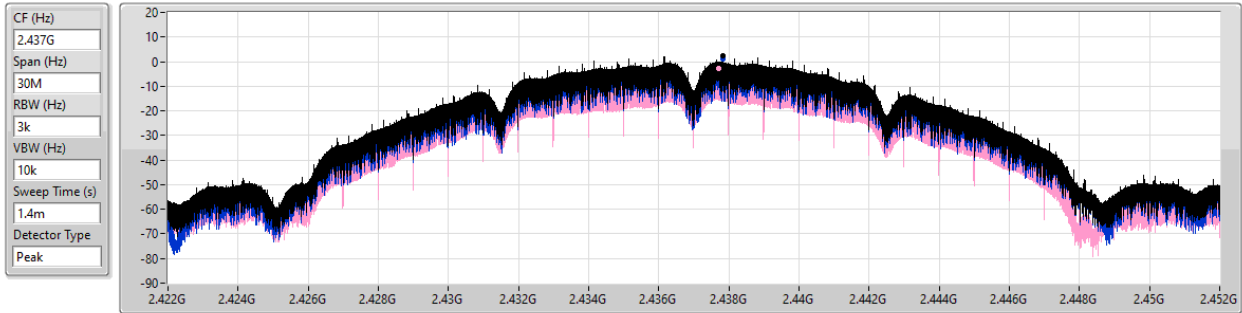
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

15/01/2026



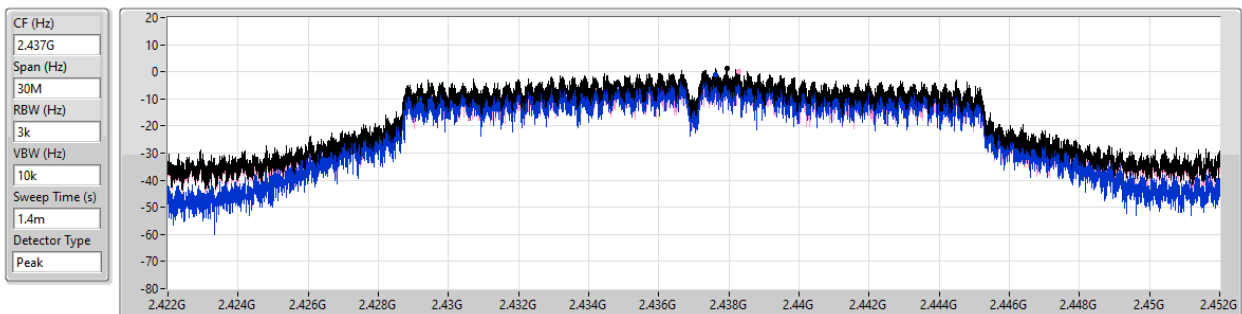
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.27	2.27	1.09	-2.77

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

PSD

2437MHz

15/01/2026



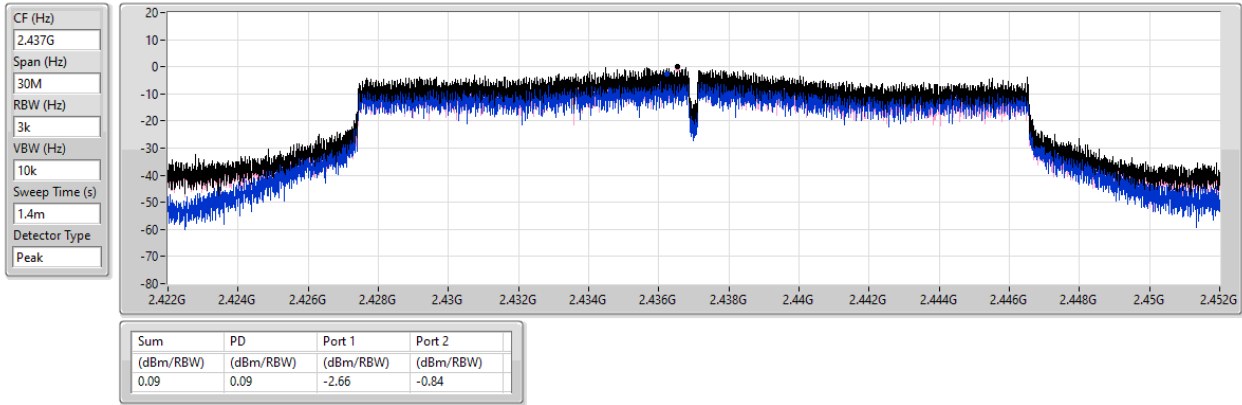
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.17	1.17	-1.14	0.27

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

PSD

2437MHz

15/01/2026

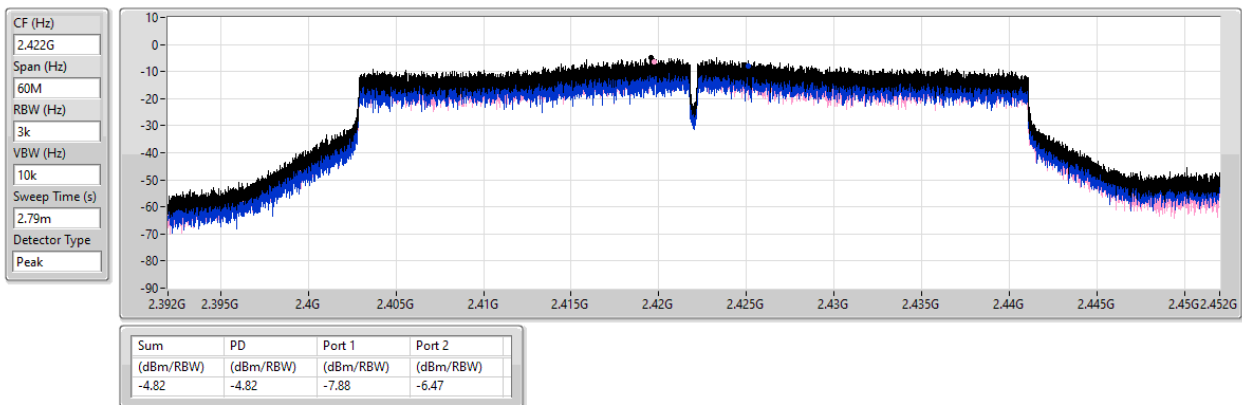


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

15/01/2026



**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	2.43641G	15.61	-14.39	1.83692G	-53.88	2.39752G	-36.60	2.4G	-39.73	2.51342G	-54.00	22.00782G	-43.75	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	15.22	-14.78	2.17943G	-53.69	2.4G	-22.39	2.4G	-21.24	2.50278G	-53.77	21.87296G	-42.82	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43941G	13.28	-16.72	2.01167G	-54.40	2.3996G	-21.20	2.4G	-21.75	2.50998G	-53.43	21.97972G	-44.15	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.41954G	8.55	-21.45	1.74521G	-54.78	2.4G	-24.17	2.4G	-21.59	2.52158G	-54.01	21.63733G	-43.56	1

Result

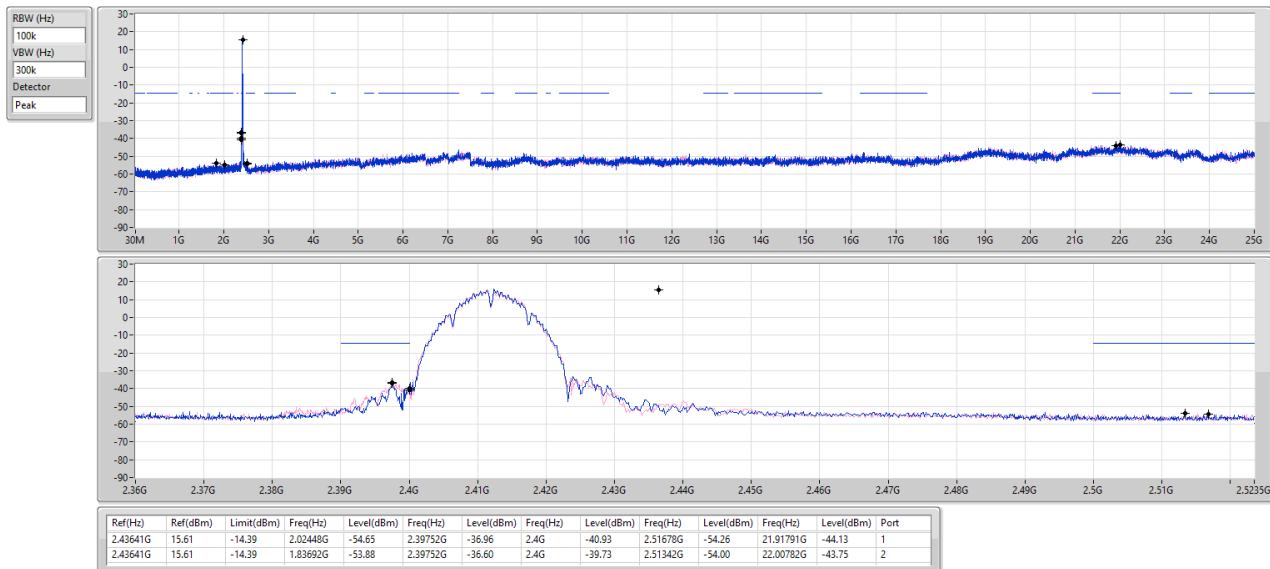
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	15.61	-14.39	2.02448G	-54.65	2.39752G	-36.96	2.4G	-40.93	2.51678G	-54.26	21.91791G	-44.13	1
2412MHz	Pass	2.43641G	15.61	-14.39	1.83692G	-53.88	2.39752G	-36.60	2.4G	-39.73	2.51342G	-54.00	22.00782G	-43.75	2
2437MHz	Pass	2.43641G	15.61	-14.39	1.96041G	-54.25	2.39616G	-52.43	2.4G	-53.11	2.51046G	-54.48	21.87015G	-44.27	1
2437MHz	Pass	2.43641G	15.61	-14.39	2.30525G	-53.16	2.39264G	-51.73	2.4G	-53.40	2.50182G	-53.62	21.592G	-44.74	2
2462MHz	Pass	2.43641G	15.61	-14.39	1.91497G	-54.05	2.4G	-49.90	2.4G	-49.26	2.5007G	-52.53	21.49929G	-44.44	1
2462MHz	Pass	2.43641G	15.61	-14.39	2.10603G	-53.31	2.3972G	-50.09	2.4G	-52.93	2.50014G	-54.53	21.60043G	-44.18	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	15.22	-14.78	2.17943G	-53.69	2.4G	-22.39	2.4G	-21.24	2.50278G	-53.77	21.87296G	-42.82	1
2412MHz	Pass	2.43824G	15.22	-14.78	2.13865G	-54.18	2.39992G	-21.98	2.4G	-21.26	2.5207G	-54.72	21.60043G	-42.20	2
2437MHz	Pass	2.43824G	15.22	-14.78	2.15263G	-53.81	2.39984G	-44.15	2.4G	-45.29	2.5167G	-54.01	21.49367G	-43.31	1
2437MHz	Pass	2.43824G	15.22	-14.78	2.08739G	-52.21	2.39984G	-28.14	2.4G	-27.95	2.50998G	-54.44	21.66224G	-43.58	2
2462MHz	Pass	2.43824G	15.22	-14.78	2.30874G	-53.59	2.4G	-49.69	2.4G	-49.61	2.50278G	-53.46	21.94601G	-43.77	1
2462MHz	Pass	2.43824G	15.22	-14.78	2.14681G	-54.23	2.39208G	-52.11	2.4G	-50.05	2.51182G	-54.10	21.62572G	-43.78	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	13.28	-16.72	2.15147G	-53.21	2.4G	-22.56	2.4G	-23.18	2.52302G	-54.38	21.57514G	-42.06	1
2412MHz	Pass	2.43941G	13.28	-16.72	2.01167G	-54.40	2.3996G	-21.20	2.4G	-21.75	2.50998G	-53.43	21.97972G	-44.15	2
2437MHz	Pass	2.43941G	13.28	-16.72	2.127G	-54.59	2.39992G	-41.92	2.4G	-41.79	2.52254G	-54.14	21.64819G	-42.99	1
2437MHz	Pass	2.43941G	13.28	-16.72	2.03846G	-54.15	2.39936G	-30.60	2.4G	-32.15	2.5027G	-54.09	21.92353G	-43.10	2
2462MHz	Pass	2.43941G	13.28	-16.72	2.18292G	-53.93	2.4G	-53.32	2.4G	-51.60	2.50142G	-53.61	21.95162G	-43.98	1
2462MHz	Pass	2.43941G	13.28	-16.72	1.95808G	-54.07	2.39336G	-52.58	2.4G	-52.71	2.52198G	-54.64	21.94601G	-43.97	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41954G	8.55	-21.45	1.74521G	-54.78	2.4G	-24.17	2.4G	-21.59	2.52158G	-54.01	21.63733G	-43.56	1
2422MHz	Pass	2.41954G	8.55	-21.45	2.19634G	-54.20	2.4G	-22.61	2.4G	-23.19	2.52142G	-53.91	21.61209G	-44.06	2
2437MHz	Pass	2.41954G	8.55	-21.45	1.85513G	-54.16	2.39968G	-42.08	2.4G	-43.27	2.54286G	-53.84	21.57002G	-42.28	1
2437MHz	Pass	2.41954G	8.55	-21.45	2.15512G	-53.05	2.39936G	-38.37	2.4G	-38.84	2.53678G	-53.48	21.4943G	-43.15	2
2452MHz	Pass	2.41954G	8.55	-21.45	1.7246G	-54.46	2.4G	-51.59	2.4G	-52.42	2.51598G	-53.28	21.44381G	-43.55	1
2452MHz	Pass	2.41954G	8.55	-21.45	1.92612G	-54.54	2.3992G	-50.40	2.4G	-51.92	2.54078G	-54.31	21.88413G	-42.71	2

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

CSEndB

2412MHz

15/01/2026

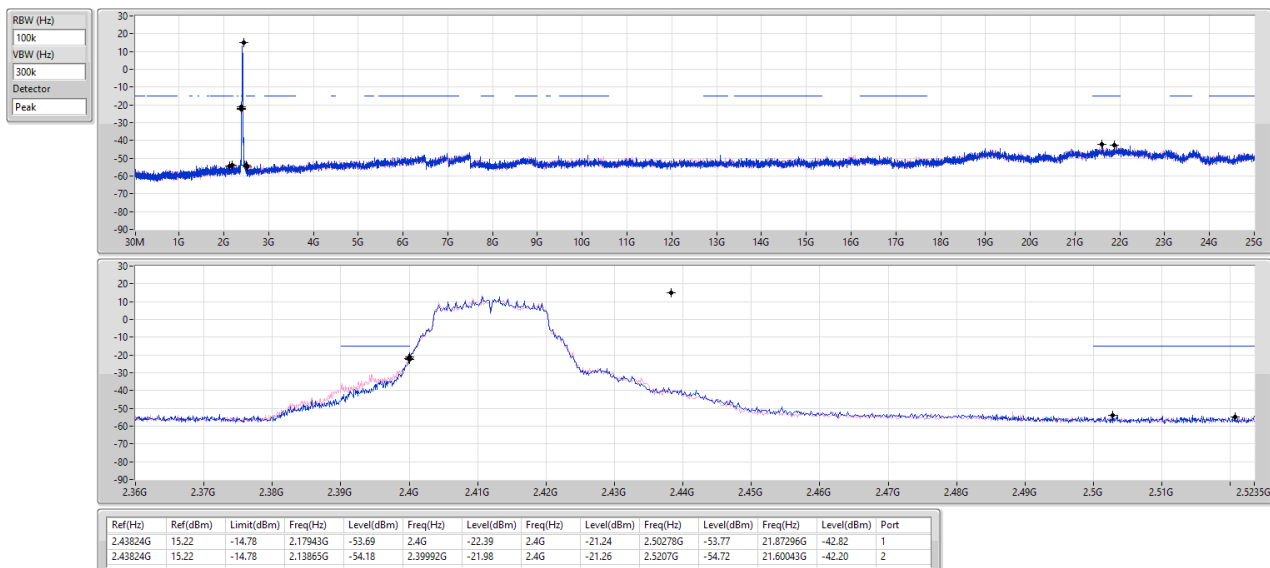


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

15/01/2026

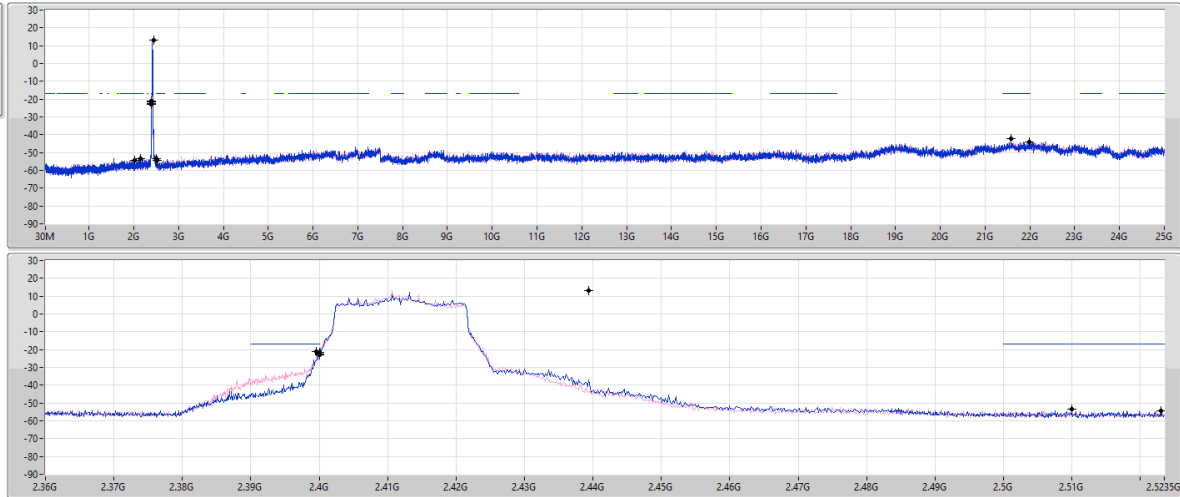


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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



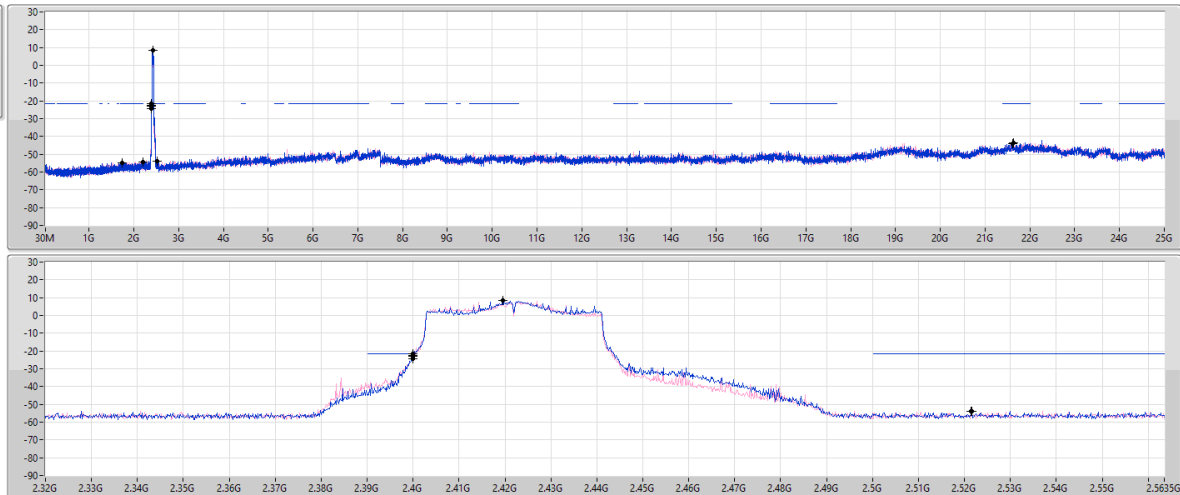
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	13.28	-16.72	2.15147G	-53.21	2.4G	-22.56	2.4G	-23.18	2.52302G	-54.38	2.157514G	-42.06	1
2.43941G	13.28	-16.72	2.01167G	-54.40	2.3996G	-21.20	2.4G	-21.75	2.50998G	-53.43	2.197972G	-44.15	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
2.41954G	8.55	-21.45	1.74521G	-54.78	2.4G	-24.17	2.4G	-21.59	2.52158G	-54.01	2.163733G	-43.56	1
2.41954G	8.55	-21.45	2.19634G	-54.20	2.4G	-22.61	2.4G	-23.19	2.52142G	-53.91	2.161209G	-44.06	2



Summary

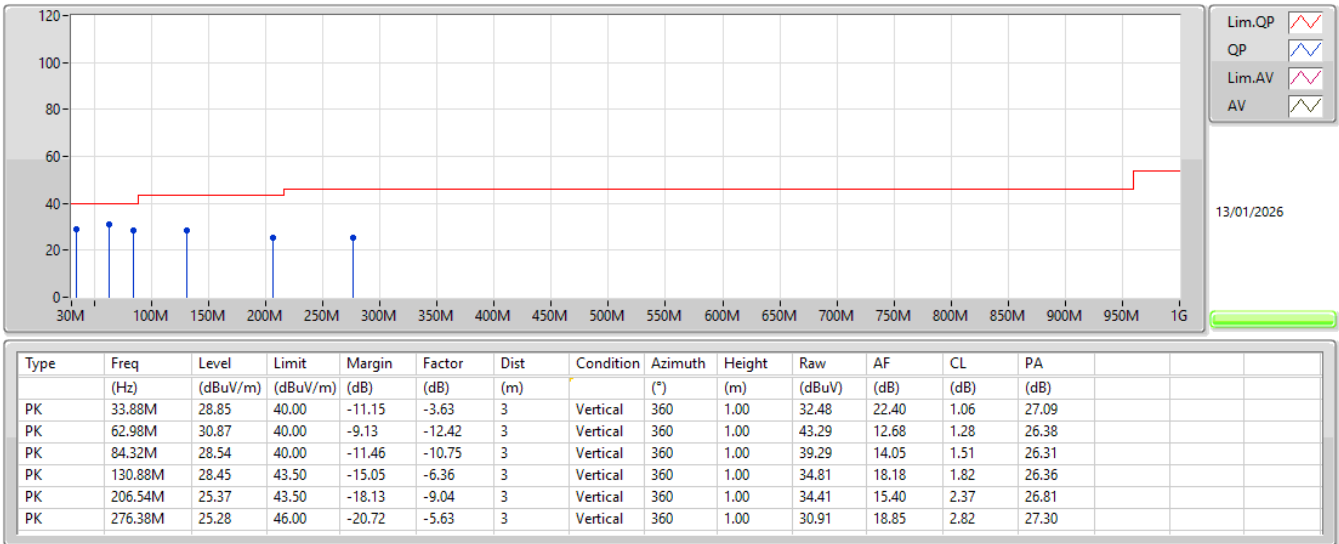
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	62.98M	30.87	40.00	-9.13	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	33.88M	28.85	40.00	-11.15	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	62.98M	30.87	40.00	-9.13	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	84.32M	28.54	40.00	-11.46	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	130.88M	28.45	43.50	-15.05	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	206.54M	25.37	43.50	-18.13	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	276.38M	25.28	46.00	-20.72	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	84.32M	23.78	40.00	-16.22	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	130.88M	28.74	43.50	-14.76	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	202.66M	31.53	43.50	-11.97	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	278.32M	28.32	46.00	-17.68	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	330.7M	30.30	46.00	-15.70	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	551.86M	28.02	46.00	-17.98	3	Horizontal	0	1.00

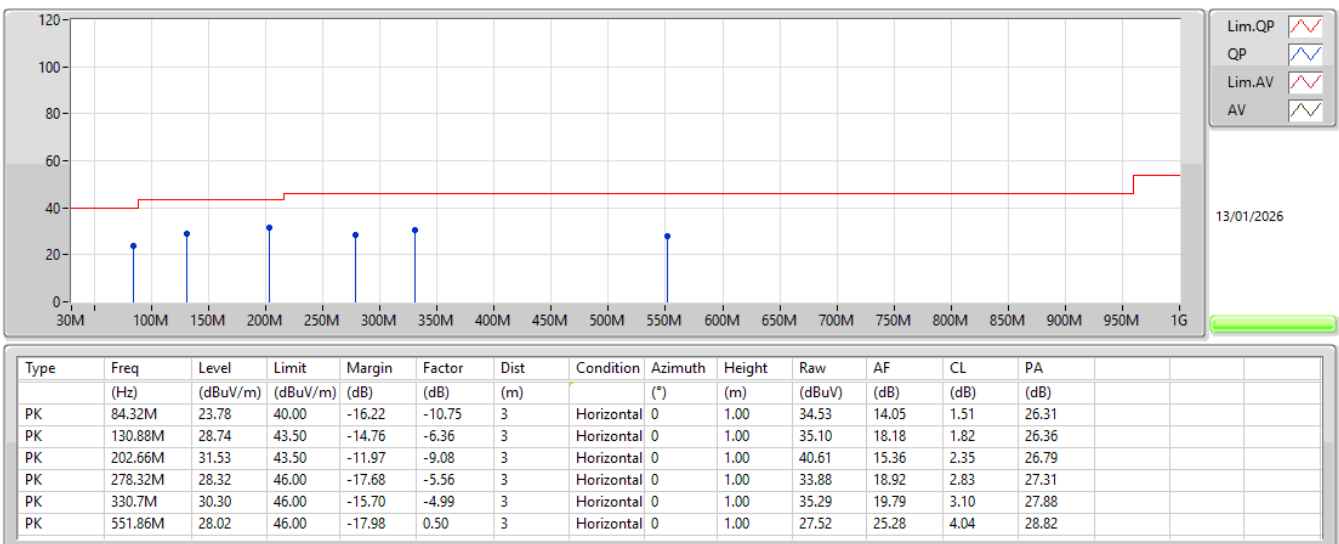
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



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

2437MHz_Adapter



**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	2.3864G	48.15	54.00	-5.85	3	Horizontal	43	2.42
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	53.16	54.00	-0.84	3	Horizontal	304	2.59
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.38	54.00	-0.62	3	Vertical	4	2.74
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.95	54.00	-0.05	3	Vertical	8	2.11

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	2.3864G	46.67	54.00	-7.33	3	Vertical	6	2.72
2412MHz	Pass	AV	2.4112G	113.94	Inf	-Inf	3	Vertical	6	2.72
2412MHz	Pass	PK	2.3894G	58.25	74.00	-15.75	3	Vertical	6	2.72
2412MHz	Pass	PK	2.411G	116.44	Inf	-Inf	3	Vertical	6	2.72
2412MHz	Pass	AV	2.3864G	48.15	54.00	-5.85	3	Horizontal	43	2.42
2412MHz	Pass	AV	2.4128G	115.38	Inf	-Inf	3	Horizontal	43	2.42
2412MHz	Pass	PK	2.3866G	58.37	74.00	-15.63	3	Horizontal	43	2.42
2412MHz	Pass	PK	2.4128G	117.81	Inf	-Inf	3	Horizontal	43	2.42
2412MHz	Pass	AV	4.82394G	33.26	54.00	-20.74	3	Vertical	164	1.50
2412MHz	Pass	PK	4.83072G	45.48	74.00	-28.52	3	Vertical	164	1.50
2412MHz	Pass	AV	4.82394G	33.30	54.00	-20.70	3	Horizontal	89	2.98
2412MHz	Pass	PK	4.82148G	45.76	74.00	-28.24	3	Horizontal	89	2.98
2437MHz	Pass	AV	2.387G	45.30	54.00	-8.70	3	Vertical	19	2.43
2437MHz	Pass	AV	2.4354G	115.27	Inf	-Inf	3	Vertical	19	2.43
2437MHz	Pass	AV	2.4838G	45.77	54.00	-8.23	3	Vertical	19	2.43
2437MHz	Pass	PK	2.3866G	57.63	74.00	-16.37	3	Vertical	19	2.43
2437MHz	Pass	PK	2.4354G	117.66	Inf	-Inf	3	Vertical	19	2.43
2437MHz	Pass	PK	2.4914G	58.10	74.00	-15.90	3	Vertical	19	2.43
2437MHz	Pass	AV	2.389G	45.48	54.00	-8.52	3	Horizontal	48	2.15
2437MHz	Pass	AV	2.4378G	116.01	Inf	-Inf	3	Horizontal	48	2.15
2437MHz	Pass	AV	2.4835G	45.87	54.00	-8.13	3	Horizontal	48	2.15
2437MHz	Pass	PK	2.3886G	57.76	74.00	-16.24	3	Horizontal	48	2.15
2437MHz	Pass	PK	2.4378G	118.49	Inf	-Inf	3	Horizontal	48	2.15
2437MHz	Pass	PK	2.4962G	58.14	74.00	-15.86	3	Horizontal	48	2.15
2437MHz	Pass	AV	4.87394G	35.39	54.00	-18.61	3	Vertical	3	1.63
2437MHz	Pass	PK	4.87736G	45.87	74.00	-28.13	3	Vertical	3	1.63
2437MHz	Pass	AV	4.87394G	36.48	54.00	-17.52	3	Horizontal	70	1.24
2437MHz	Pass	PK	4.87382G	47.19	74.00	-26.81	3	Horizontal	70	1.24
2462MHz	Pass	AV	2.4628G	114.40	Inf	-Inf	3	Vertical	22	2.39
2462MHz	Pass	AV	2.4835G	47.59	54.00	-6.41	3	Vertical	22	2.39
2462MHz	Pass	PK	2.4628G	116.85	Inf	-Inf	3	Vertical	22	2.39
2462MHz	Pass	PK	2.4926G	58.38	74.00	-15.62	3	Vertical	22	2.39
2462MHz	Pass	AV	2.4612G	116.02	Inf	-Inf	3	Horizontal	314	2.31
2462MHz	Pass	AV	2.4835G	46.50	54.00	-7.50	3	Horizontal	314	2.31
2462MHz	Pass	PK	2.461G	118.36	Inf	-Inf	3	Horizontal	314	2.31
2462MHz	Pass	PK	2.4886G	59.35	74.00	-14.65	3	Horizontal	314	2.31
2462MHz	Pass	AV	4.924G	33.88	54.00	-20.12	3	Vertical	177	1.78
2462MHz	Pass	PK	4.9315G	47.15	74.00	-26.85	3	Vertical	177	1.78
2462MHz	Pass	AV	4.92394G	34.74	54.00	-19.26	3	Horizontal	341	1.00
2462MHz	Pass	PK	4.92778G	45.90	74.00	-28.10	3	Horizontal	341	1.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.03	54.00	-3.97	3	Vertical	6	2.74
2412MHz	Pass	AV	2.4128G	109.81	Inf	-Inf	3	Vertical	6	2.74
2412MHz	Pass	PK	2.3896G	65.89	74.00	-8.11	3	Vertical	6	2.74
2412MHz	Pass	PK	2.413G	117.68	Inf	-Inf	3	Vertical	6	2.74
2412MHz	Pass	AV	2.39G	52.84	54.00	-1.16	3	Horizontal	45	2.44
2412MHz	Pass	AV	2.4112G	110.93	Inf	-Inf	3	Horizontal	45	2.44
2412MHz	Pass	PK	2.39G	69.03	74.00	-4.97	3	Horizontal	45	2.44
2412MHz	Pass	PK	2.4112G	118.81	Inf	-Inf	3	Horizontal	45	2.44
2412MHz	Pass	AV	4.83492G	32.78	54.00	-21.22	3	Vertical	299	1.71
2412MHz	Pass	PK	4.839G	45.91	74.00	-28.09	3	Vertical	299	1.71
2412MHz	Pass	AV	4.83462G	32.78	54.00	-21.22	3	Horizontal	345	1.11
2412MHz	Pass	PK	4.82562G	45.45	74.00	-28.55	3	Horizontal	345	1.11
2417MHz	Pass	AV	2.39G	48.62	54.00	-5.38	3	Vertical	29	2.72
2417MHz	Pass	AV	2.4162G	110.52	Inf	-Inf	3	Vertical	29	2.72
2417MHz	Pass	PK	2.3886G	62.02	74.00	-11.98	3	Vertical	29	2.72
2417MHz	Pass	PK	2.4162G	118.59	Inf	-Inf	3	Vertical	29	2.72
2417MHz	Pass	AV	2.39G	48.62	54.00	-5.38	3	Horizontal	304	2.42
2417MHz	Pass	AV	2.4176G	110.76	Inf	-Inf	3	Horizontal	304	2.42
2417MHz	Pass	PK	2.3874G	61.80	74.00	-12.20	3	Horizontal	304	2.42

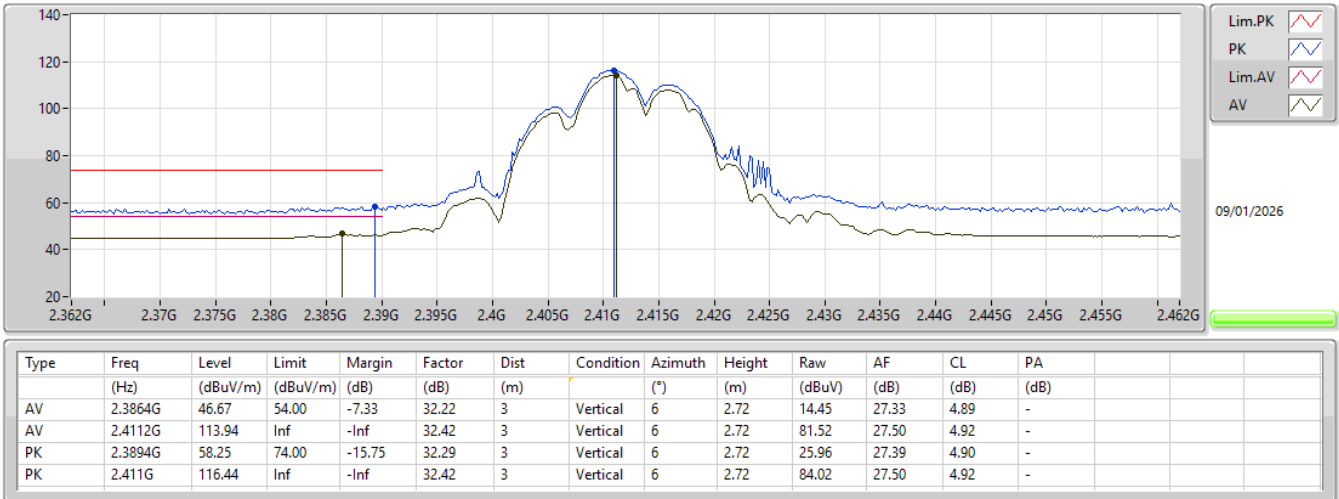
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2417MHz	Pass	PK	2.4178G	118.50	Inf	-Inf	3	Horizontal	304	2.42
2437MHz	Pass	AV	2.3898G	52.90	54.00	-1.10	3	Vertical	16	2.43
2437MHz	Pass	AV	2.4382G	112.10	Inf	-Inf	3	Vertical	16	2.43
2437MHz	Pass	AV	2.4835G	51.73	54.00	-2.27	3	Vertical	16	2.43
2437MHz	Pass	PK	2.389G	70.28	74.00	-3.72	3	Vertical	16	2.43
2437MHz	Pass	PK	2.4378G	120.19	Inf	-Inf	3	Vertical	16	2.43
2437MHz	Pass	PK	2.4846G	69.44	74.00	-4.56	3	Vertical	16	2.43
2437MHz	Pass	AV	2.3898G	52.16	54.00	-1.84	3	Horizontal	320	2.62
2437MHz	Pass	AV	2.4358G	112.80	Inf	-Inf	3	Horizontal	320	2.62
2437MHz	Pass	AV	2.4835G	52.71	54.00	-1.29	3	Horizontal	320	2.62
2437MHz	Pass	PK	2.3898G	69.48	74.00	-4.52	3	Horizontal	320	2.62
2437MHz	Pass	PK	2.4354G	121.01	Inf	-Inf	3	Horizontal	320	2.62
2437MHz	Pass	PK	2.485G	72.05	74.00	-1.95	3	Horizontal	320	2.62
2437MHz	Pass	AV	4.87736G	33.13	54.00	-20.87	3	Vertical	200	1.05
2437MHz	Pass	PK	4.87388G	46.87	74.00	-27.13	3	Vertical	200	1.05
2437MHz	Pass	AV	4.87706G	33.11	54.00	-20.89	3	Horizontal	335	1.50
2437MHz	Pass	PK	4.88786G	45.75	74.00	-28.25	3	Horizontal	335	1.50
2457MHz	Pass	AV	2.456G	110.55	Inf	-Inf	3	Vertical	19	2.38
2457MHz	Pass	AV	2.4856G	48.98	54.00	-5.02	3	Vertical	19	2.38
2457MHz	Pass	PK	2.4562G	118.50	Inf	-Inf	3	Vertical	19	2.38
2457MHz	Pass	PK	2.4846G	63.17	74.00	-10.83	3	Vertical	19	2.38
2457MHz	Pass	AV	2.4576G	111.99	Inf	-Inf	3	Horizontal	304	2.59
2457MHz	Pass	AV	2.4835G	53.16	54.00	-0.84	3	Horizontal	304	2.59
2457MHz	Pass	PK	2.4576G	119.75	Inf	-Inf	3	Horizontal	304	2.59
2457MHz	Pass	PK	2.484G	67.79	74.00	-6.21	3	Horizontal	304	2.59
2462MHz	Pass	AV	2.4628G	109.23	Inf	-Inf	3	Vertical	13	2.66
2462MHz	Pass	AV	2.4835G	52.89	54.00	-1.11	3	Vertical	13	2.66
2462MHz	Pass	PK	2.4632G	118.35	Inf	-Inf	3	Vertical	13	2.66
2462MHz	Pass	PK	2.4835G	67.79	74.00	-6.21	3	Vertical	13	2.66
2462MHz	Pass	AV	2.4612G	110.61	Inf	-Inf	3	Horizontal	49	2.66
2462MHz	Pass	AV	2.4835G	51.54	54.00	-2.46	3	Horizontal	49	2.66
2462MHz	Pass	PK	2.4608G	118.88	Inf	-Inf	3	Horizontal	49	2.66
2462MHz	Pass	PK	2.4835G	65.83	74.00	-8.17	3	Horizontal	49	2.66
2462MHz	Pass	AV	4.91614G	33.06	54.00	-20.94	3	Vertical	4	1.42
2462MHz	Pass	PK	4.93018G	45.71	74.00	-28.29	3	Vertical	4	1.42
2462MHz	Pass	AV	4.93042G	33.06	54.00	-20.94	3	Horizontal	215	1.04
2462MHz	Pass	PK	4.92952G	46.11	74.00	-27.89	3	Horizontal	215	1.04
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.38	54.00	-0.62	3	Vertical	4	2.74
2412MHz	Pass	AV	2.4128G	107.47	Inf	-Inf	3	Vertical	4	2.74
2412MHz	Pass	PK	2.3894G	68.60	74.00	-5.40	3	Vertical	4	2.74
2412MHz	Pass	PK	2.4136G	118.60	Inf	-Inf	3	Vertical	4	2.74
2412MHz	Pass	AV	2.39G	52.58	54.00	-1.42	3	Horizontal	42	2.44
2412MHz	Pass	AV	2.4112G	109.38	Inf	-Inf	3	Horizontal	42	2.44
2412MHz	Pass	PK	2.39G	70.23	74.00	-3.77	3	Horizontal	42	2.44
2412MHz	Pass	PK	2.4102G	120.23	Inf	-Inf	3	Horizontal	42	2.44
2412MHz	Pass	AV	4.8333G	32.63	54.00	-21.37	3	Vertical	39	1.77
2412MHz	Pass	PK	4.83564G	45.57	74.00	-28.43	3	Vertical	39	1.77
2412MHz	Pass	AV	4.83444G	32.60	54.00	-21.40	3	Horizontal	14	1.50
2412MHz	Pass	PK	4.83564G	45.71	74.00	-28.29	3	Horizontal	14	1.50
2417MHz	Pass	AV	2.39G	52.91	54.00	-1.09	3	Vertical	26	2.72
2417MHz	Pass	AV	2.4162G	109.70	Inf	-Inf	3	Vertical	26	2.72
2417MHz	Pass	PK	2.39G	68.44	74.00	-5.56	3	Vertical	26	2.72
2417MHz	Pass	PK	2.4162G	121.60	Inf	-Inf	3	Vertical	26	2.72
2417MHz	Pass	AV	2.39G	51.65	54.00	-2.35	3	Horizontal	305	2.15
2417MHz	Pass	AV	2.4178G	109.96	Inf	-Inf	3	Horizontal	305	2.15
2417MHz	Pass	PK	2.39G	68.64	74.00	-5.36	3	Horizontal	305	2.15
2417MHz	Pass	PK	2.4182G	121.47	Inf	-Inf	3	Horizontal	305	2.15
2437MHz	Pass	AV	2.3898G	52.57	54.00	-1.43	3	Vertical	8	2.41
2437MHz	Pass	AV	2.4378G	109.40	Inf	-Inf	3	Vertical	8	2.41
2437MHz	Pass	AV	2.4835G	51.73	54.00	-2.27	3	Vertical	8	2.41
2437MHz	Pass	PK	2.3866G	68.76	74.00	-5.24	3	Vertical	8	2.41

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.4386G	120.79	Inf	-Inf	3	Vertical	8	2.41
2437MHz	Pass	PK	2.4835G	66.31	74.00	-7.69	3	Vertical	8	2.41
2437MHz	Pass	AV	2.3898G	48.62	54.00	-5.38	3	Horizontal	45	2.41
2437MHz	Pass	AV	2.4362G	111.33	Inf	-Inf	3	Horizontal	45	2.41
2437MHz	Pass	AV	2.4838G	47.88	54.00	-6.12	3	Horizontal	45	2.41
2437MHz	Pass	PK	2.3898G	61.34	74.00	-12.66	3	Horizontal	45	2.41
2437MHz	Pass	PK	2.4362G	121.83	Inf	-Inf	3	Horizontal	45	2.41
2437MHz	Pass	PK	2.485G	63.76	74.00	-10.24	3	Horizontal	45	2.41
2437MHz	Pass	AV	4.87976G	32.94	54.00	-21.06	3	Vertical	323	1.50
2437MHz	Pass	PK	4.8812G	45.61	74.00	-28.39	3	Vertical	323	1.50
2437MHz	Pass	AV	4.88888G	32.89	54.00	-21.11	3	Horizontal	264	1.50
2437MHz	Pass	PK	4.87832G	45.92	74.00	-28.08	3	Horizontal	264	1.50
2457MHz	Pass	AV	2.4578G	108.08	Inf	-Inf	3	Vertical	11	2.31
2457MHz	Pass	AV	2.4835G	53.07	54.00	-0.93	3	Vertical	11	2.31
2457MHz	Pass	PK	2.4586G	119.07	Inf	-Inf	3	Vertical	11	2.31
2457MHz	Pass	PK	2.4836G	71.92	74.00	-2.08	3	Vertical	11	2.31
2457MHz	Pass	AV	2.4562G	109.98	Inf	-Inf	3	Horizontal	50	1.94
2457MHz	Pass	AV	2.4835G	51.22	54.00	-2.78	3	Horizontal	50	1.94
2457MHz	Pass	PK	2.4564G	121.29	Inf	-Inf	3	Horizontal	50	1.94
2457MHz	Pass	PK	2.4835G	67.68	74.00	-6.32	3	Horizontal	50	1.94
2462MHz	Pass	AV	2.4612G	106.60	Inf	-Inf	3	Vertical	34	2.70
2462MHz	Pass	AV	2.4835G	50.39	54.00	-3.61	3	Vertical	34	2.70
2462MHz	Pass	PK	2.4602G	117.69	Inf	-Inf	3	Vertical	34	2.70
2462MHz	Pass	PK	2.4835G	64.90	74.00	-9.10	3	Vertical	34	2.70
2462MHz	Pass	AV	2.4626G	108.82	Inf	-Inf	3	Horizontal	300	2.50
2462MHz	Pass	AV	2.4835G	52.75	54.00	-1.25	3	Horizontal	300	2.50
2462MHz	Pass	PK	2.4626G	119.62	Inf	-Inf	3	Horizontal	300	2.50
2462MHz	Pass	PK	2.4842G	68.01	74.00	-5.99	3	Horizontal	300	2.50
2462MHz	Pass	AV	4.9168G	33.03	54.00	-20.97	3	Vertical	162	1.76
2462MHz	Pass	PK	4.92112G	45.26	74.00	-28.74	3	Vertical	162	1.76
2462MHz	Pass	AV	4.93072G	33.05	54.00	-20.95	3	Horizontal	124	1.50
2462MHz	Pass	PK	4.92688G	46.67	74.00	-27.33	3	Horizontal	124	1.50
802.11be EHT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.95	54.00	-0.05	3	Vertical	8	2.11
2422MHz	Pass	AV	2.4244G	104.99	Inf	-Inf	3	Vertical	8	2.11
2422MHz	Pass	AV	2.484G	47.83	54.00	-6.17	3	Vertical	8	2.11
2422MHz	Pass	PK	2.3876G	69.30	74.00	-4.70	3	Vertical	8	2.11
2422MHz	Pass	PK	2.4256G	115.99	Inf	-Inf	3	Vertical	8	2.11
2422MHz	Pass	PK	2.4848G	60.90	74.00	-13.10	3	Vertical	8	2.11
2422MHz	Pass	AV	2.39G	53.13	54.00	-0.87	3	Horizontal	332	2.45
2422MHz	Pass	AV	2.4208G	105.18	Inf	-Inf	3	Horizontal	332	2.45
2422MHz	Pass	AV	2.4835G	48.77	54.00	-5.23	3	Horizontal	332	2.45
2422MHz	Pass	PK	2.3892G	72.03	74.00	-1.97	3	Horizontal	332	2.45
2422MHz	Pass	PK	2.4204G	116.58	Inf	-Inf	3	Horizontal	332	2.45
2422MHz	Pass	PK	2.484G	60.42	74.00	-13.58	3	Horizontal	332	2.45
2422MHz	Pass	AV	4.87388G	32.54	54.00	-21.46	3	Vertical	197	1.49
2422MHz	Pass	PK	4.82948G	45.23	74.00	-28.77	3	Vertical	197	1.49
2422MHz	Pass	AV	4.87376G	32.55	54.00	-21.45	3	Horizontal	303	2.54
2422MHz	Pass	PK	4.8614G	45.80	74.00	-28.20	3	Horizontal	303	2.54
2437MHz	Pass	AV	2.3898G	49.86	54.00	-4.14	3	Vertical	20	2.44
2437MHz	Pass	AV	2.435G	105.97	Inf	-Inf	3	Vertical	20	2.44
2437MHz	Pass	AV	2.4835G	48.38	54.00	-5.62	3	Vertical	20	2.44
2437MHz	Pass	PK	2.3898G	64.02	74.00	-9.98	3	Vertical	20	2.44
2437MHz	Pass	PK	2.4334G	117.72	Inf	-Inf	3	Vertical	20	2.44
2437MHz	Pass	PK	2.4854G	61.32	74.00	-12.68	3	Vertical	20	2.44
2437MHz	Pass	AV	2.3898G	50.93	54.00	-3.07	3	Horizontal	306	2.56
2437MHz	Pass	AV	2.4382G	107.62	Inf	-Inf	3	Horizontal	306	2.56
2437MHz	Pass	AV	2.4835G	53.26	54.00	-0.74	3	Horizontal	306	2.56
2437MHz	Pass	PK	2.3898G	64.56	74.00	-9.44	3	Horizontal	306	2.56
2437MHz	Pass	PK	2.4374G	119.13	Inf	-Inf	3	Horizontal	306	2.56
2437MHz	Pass	PK	2.4835G	67.74	74.00	-6.26	3	Horizontal	306	2.56
2437MHz	Pass	AV	4.88948G	32.85	54.00	-21.15	3	Vertical	186	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	4.87148G	45.54	74.00	-28.46	3	Vertical	186	1.50
2437MHz	Pass	AV	4.87748G	32.93	54.00	-21.07	3	Horizontal	64	1.50
2437MHz	Pass	PK	4.89332G	45.38	74.00	-28.62	3	Horizontal	64	1.50
2447MHz	Pass	AV	2.3898G	45.50	54.00	-8.50	3	Vertical	12	2.39
2447MHz	Pass	AV	2.449G	102.98	Inf	-Inf	3	Vertical	12	2.39
2447MHz	Pass	AV	2.4835G	48.84	54.00	-5.16	3	Vertical	12	2.39
2447MHz	Pass	PK	2.3722G	57.72	74.00	-16.28	3	Vertical	12	2.39
2447MHz	Pass	PK	2.4498G	114.01	Inf	-Inf	3	Vertical	12	2.39
2447MHz	Pass	PK	2.4835G	63.86	74.00	-10.14	3	Vertical	12	2.39
2447MHz	Pass	AV	2.3898G	45.40	54.00	-8.60	3	Horizontal	49	1.90
2447MHz	Pass	AV	2.4462G	104.66	Inf	-Inf	3	Horizontal	49	1.90
2447MHz	Pass	AV	2.4835G	52.49	54.00	-1.51	3	Horizontal	49	1.90
2447MHz	Pass	PK	2.3874G	57.24	74.00	-16.76	3	Horizontal	49	1.90
2447MHz	Pass	PK	2.4446G	116.17	Inf	-Inf	3	Horizontal	49	1.90
2447MHz	Pass	PK	2.4835G	64.65	74.00	-9.35	3	Horizontal	49	1.90
2452MHz	Pass	AV	2.39G	45.47	54.00	-8.53	3	Vertical	20	2.37
2452MHz	Pass	AV	2.45G	103.37	Inf	-Inf	3	Vertical	20	2.37
2452MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Vertical	20	2.37
2452MHz	Pass	PK	2.3876G	57.79	74.00	-16.21	3	Vertical	20	2.37
2452MHz	Pass	PK	2.4508G	115.32	Inf	-Inf	3	Vertical	20	2.37
2452MHz	Pass	PK	2.4848G	65.98	74.00	-8.02	3	Vertical	20	2.37
2452MHz	Pass	AV	2.3896G	45.51	54.00	-8.49	3	Horizontal	305	2.58
2452MHz	Pass	AV	2.4532G	105.43	Inf	-Inf	3	Horizontal	305	2.58
2452MHz	Pass	AV	2.4852G	51.01	54.00	-2.99	3	Horizontal	305	2.58
2452MHz	Pass	PK	2.364G	58.29	74.00	-15.71	3	Horizontal	305	2.58
2452MHz	Pass	PK	2.4532G	116.96	Inf	-Inf	3	Horizontal	305	2.58
2452MHz	Pass	PK	2.484G	65.82	74.00	-8.18	3	Horizontal	305	2.58
2452MHz	Pass	AV	4.93088G	33.13	54.00	-20.87	3	Vertical	99	1.50
2452MHz	Pass	PK	4.91564G	45.60	74.00	-28.40	3	Vertical	99	1.50
2452MHz	Pass	AV	4.93244G	33.12	54.00	-20.88	3	Horizontal	265	1.50
2452MHz	Pass	PK	4.87964G	45.70	74.00	-28.30	3	Horizontal	265	1.50

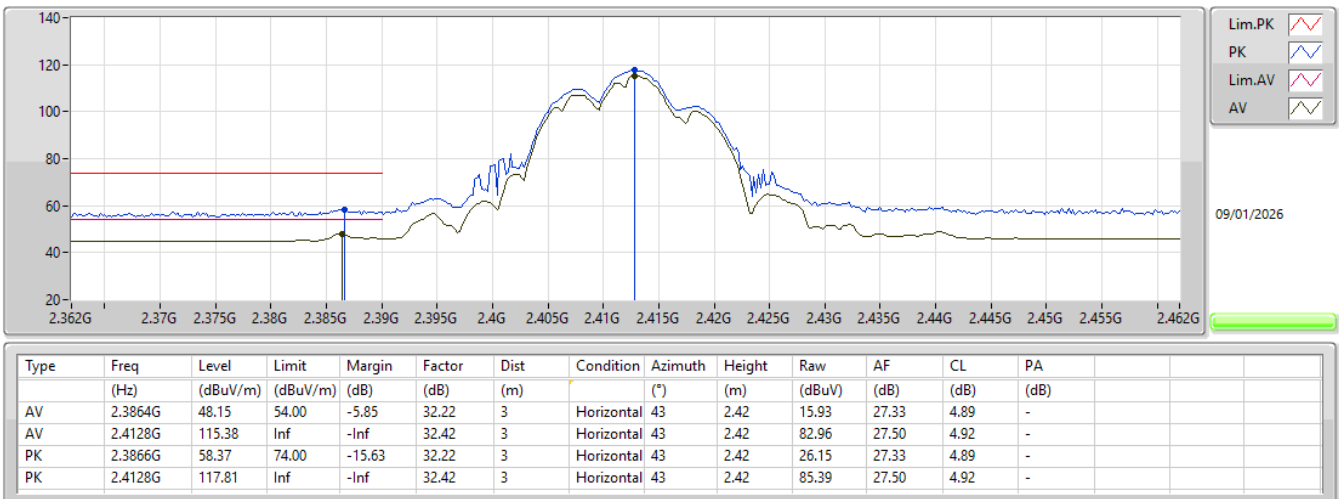
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2412MHz_TX



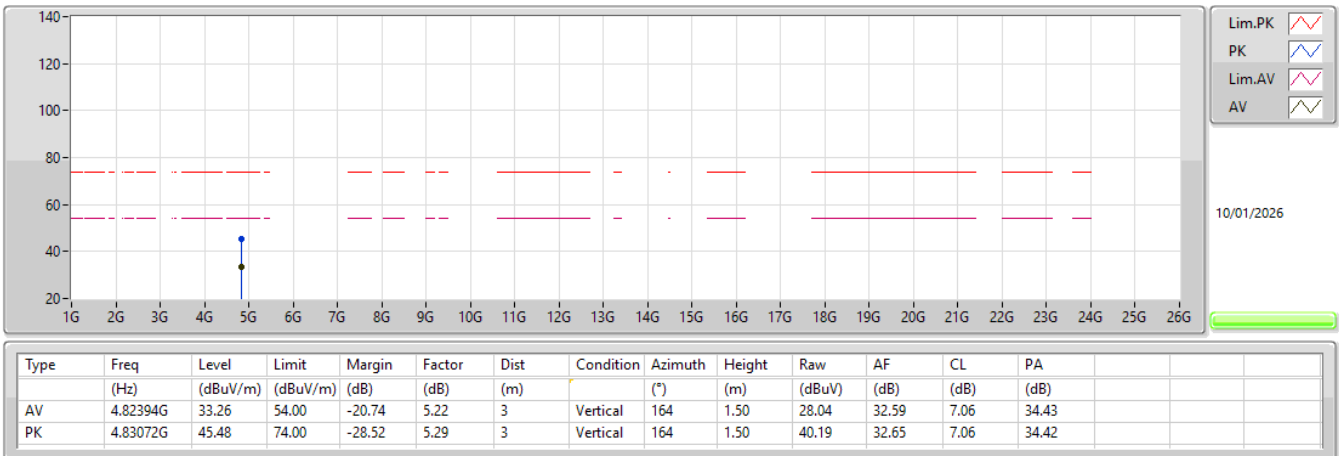
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2412MHz_TX



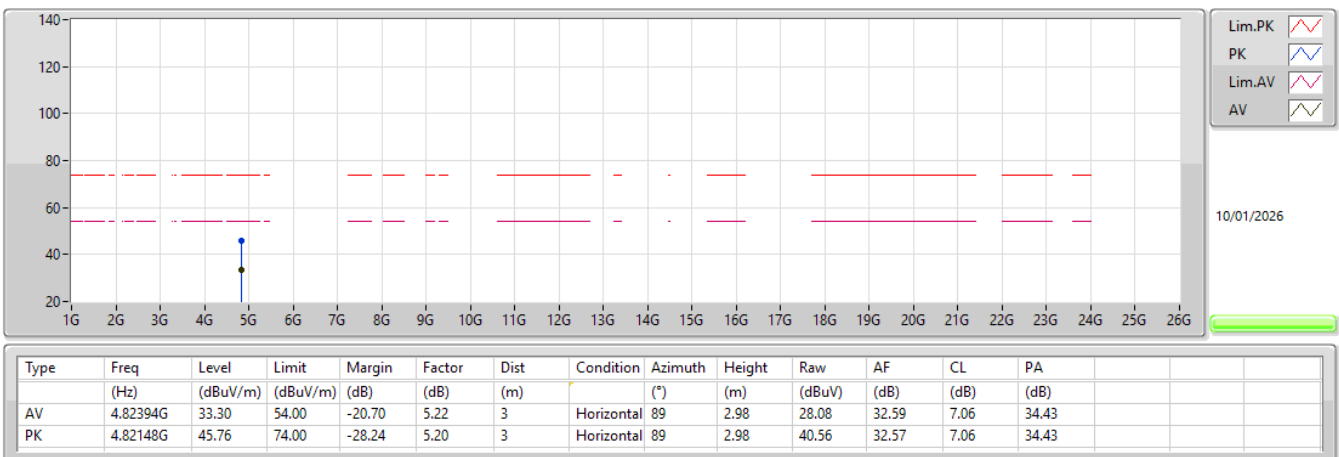
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2412MHz_TX



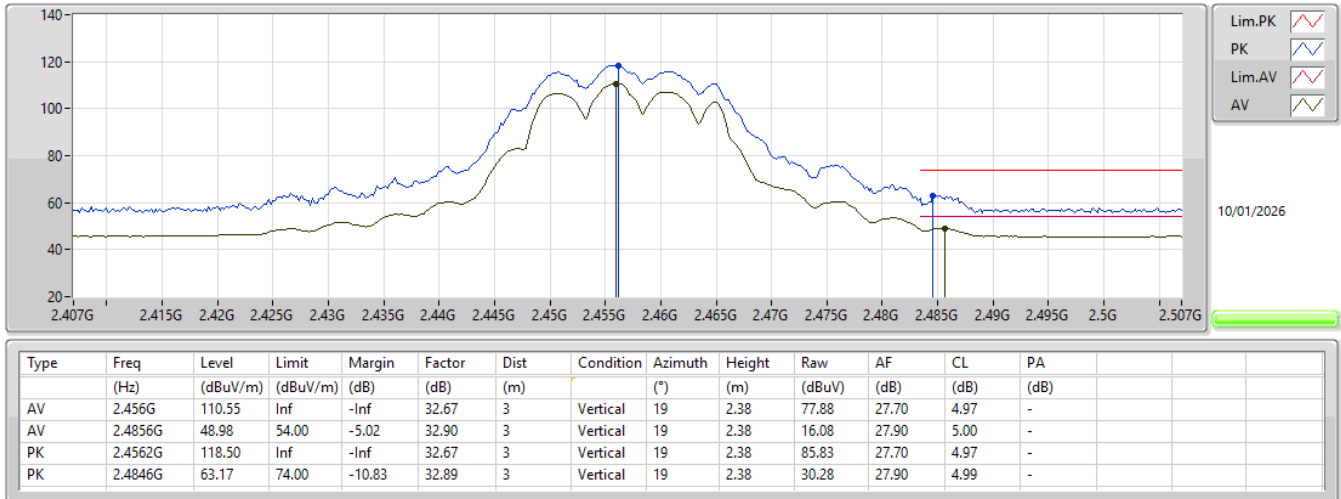
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2412MHz_TX



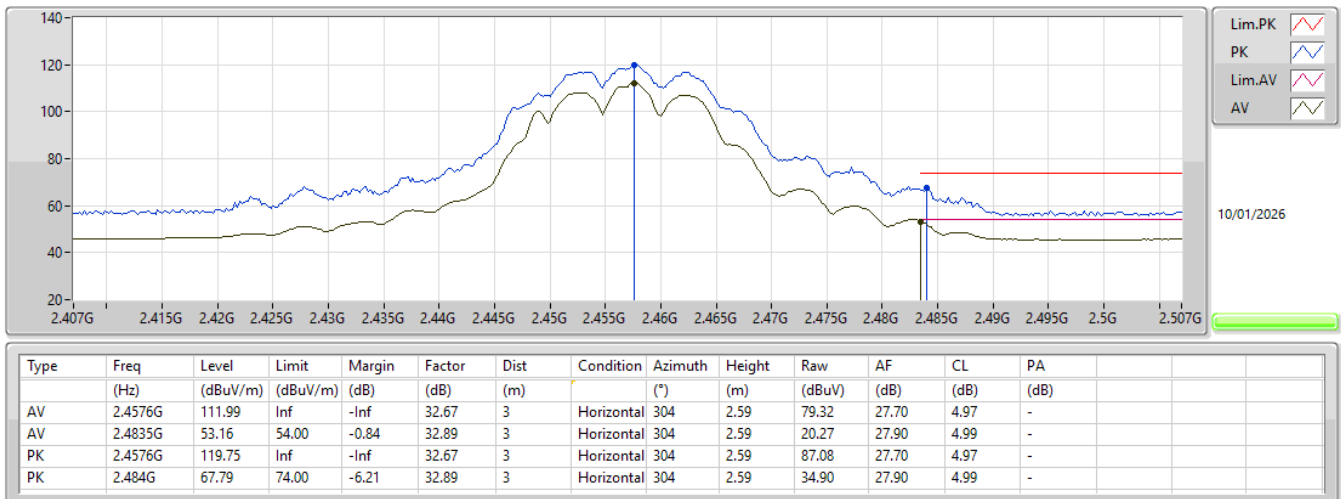
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2457MHz_TX



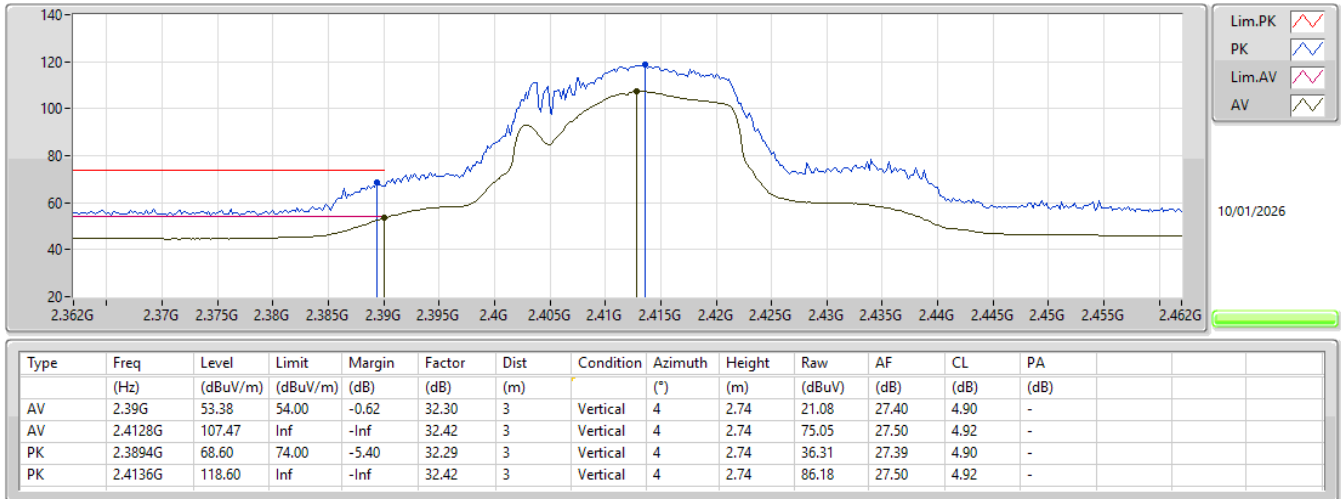
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2457MHz_TX



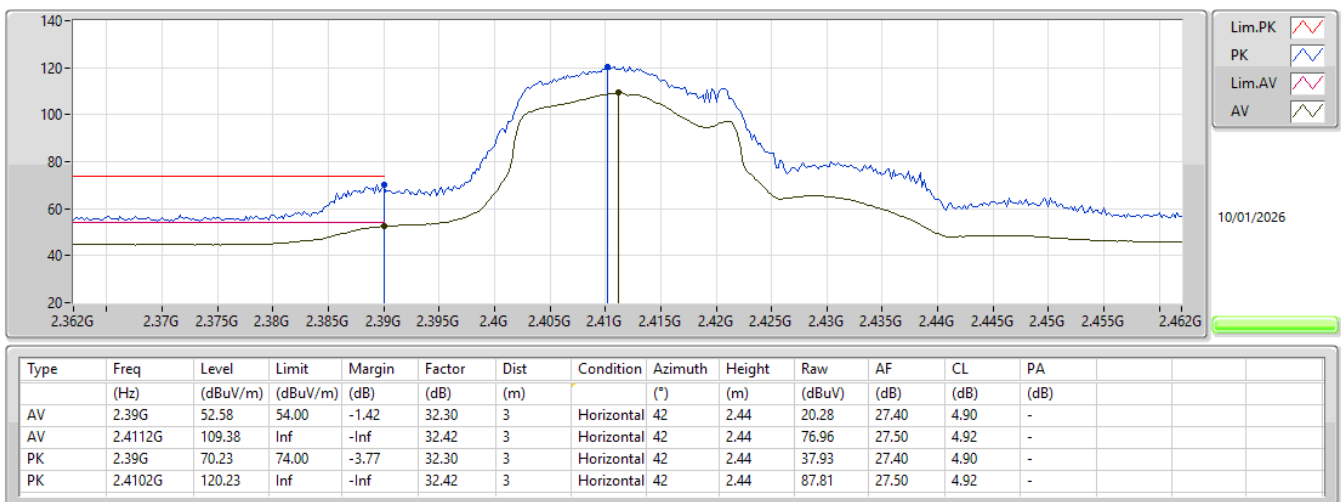
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2412MHz_TX



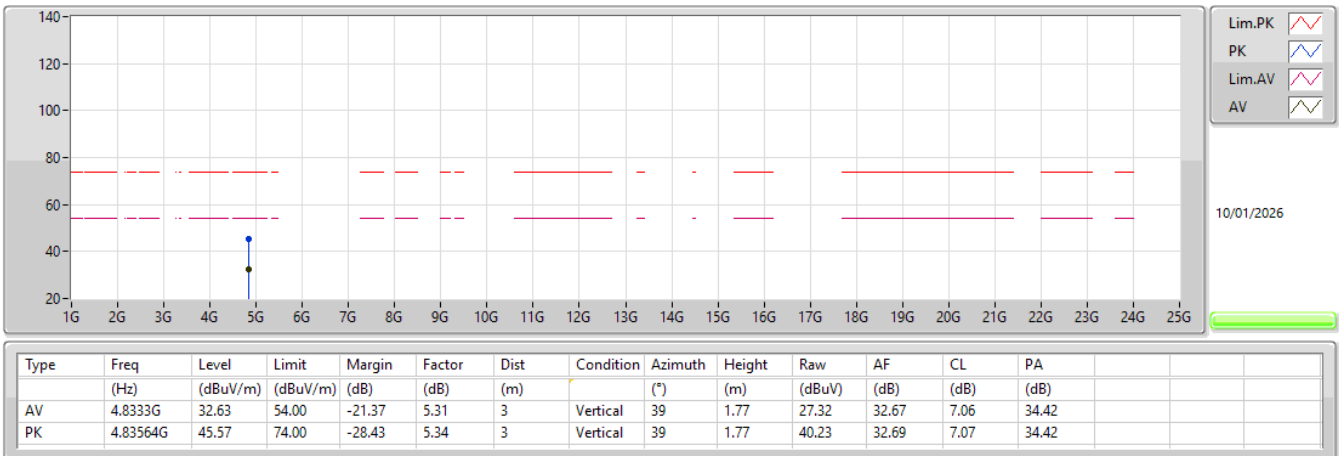
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2412MHz_TX



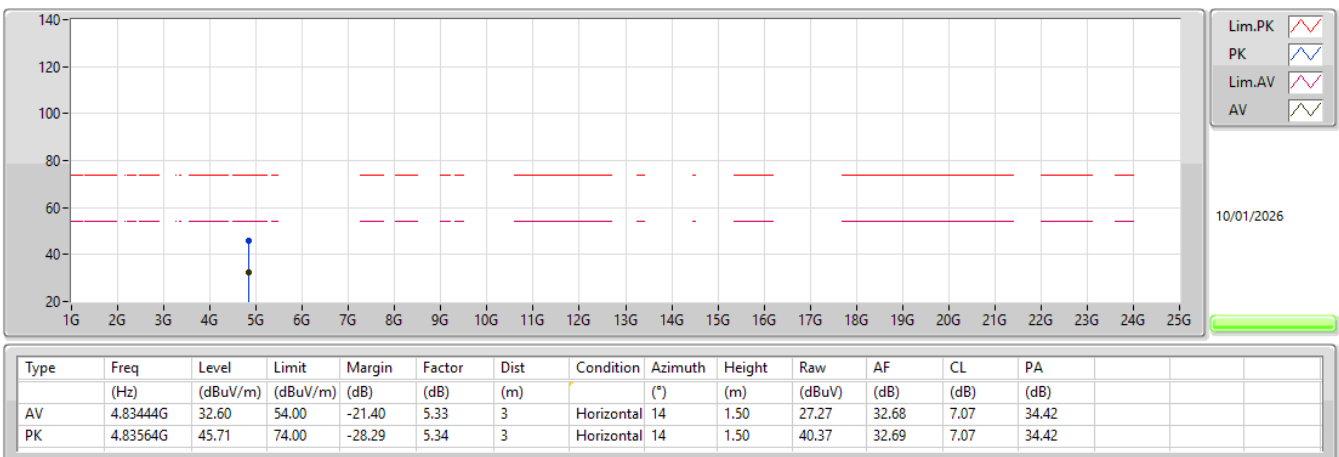
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2412MHz_TX



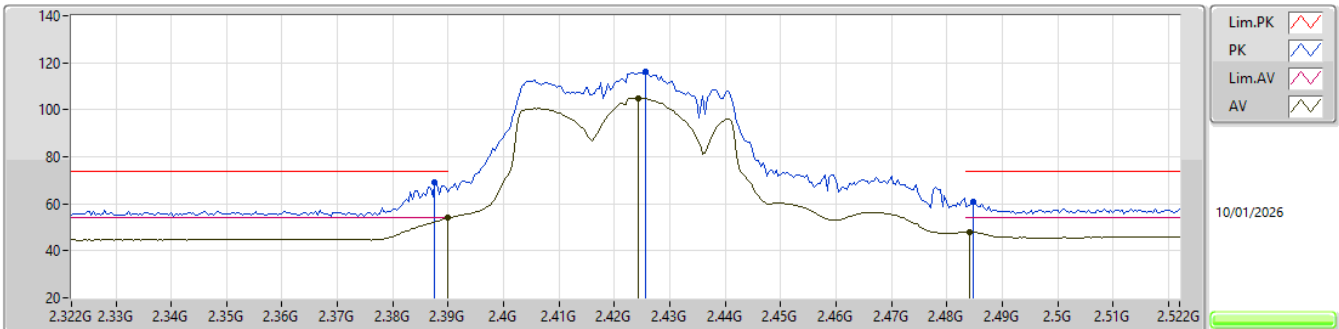
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



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

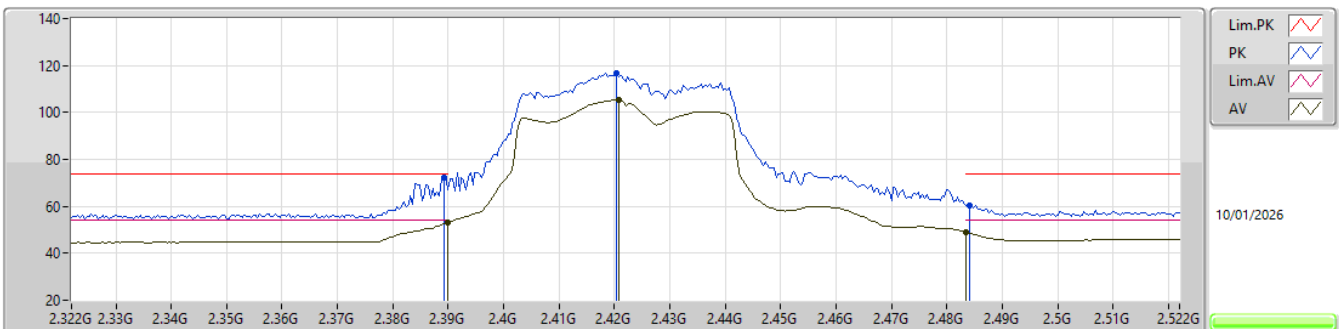
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.95	54.00	-0.05	32.30	3	Vertical	8	2.11	21.65	27.40	4.90	-
AV	2.4244G	104.99	Inf	-Inf	32.52	3	Vertical	8	2.11	72.47	27.59	4.93	-
AV	2.484G	47.83	54.00	-6.17	32.89	3	Vertical	8	2.11	14.94	27.90	4.99	-
PK	2.3876G	69.30	74.00	-4.70	32.25	3	Vertical	8	2.11	37.05	27.35	4.90	-
PK	2.4256G	115.99	Inf	-Inf	32.55	3	Vertical	8	2.11	83.44	27.61	4.94	-
PK	2.4848G	60.90	74.00	-13.10	32.89	3	Vertical	8	2.11	28.01	27.90	4.99	-

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

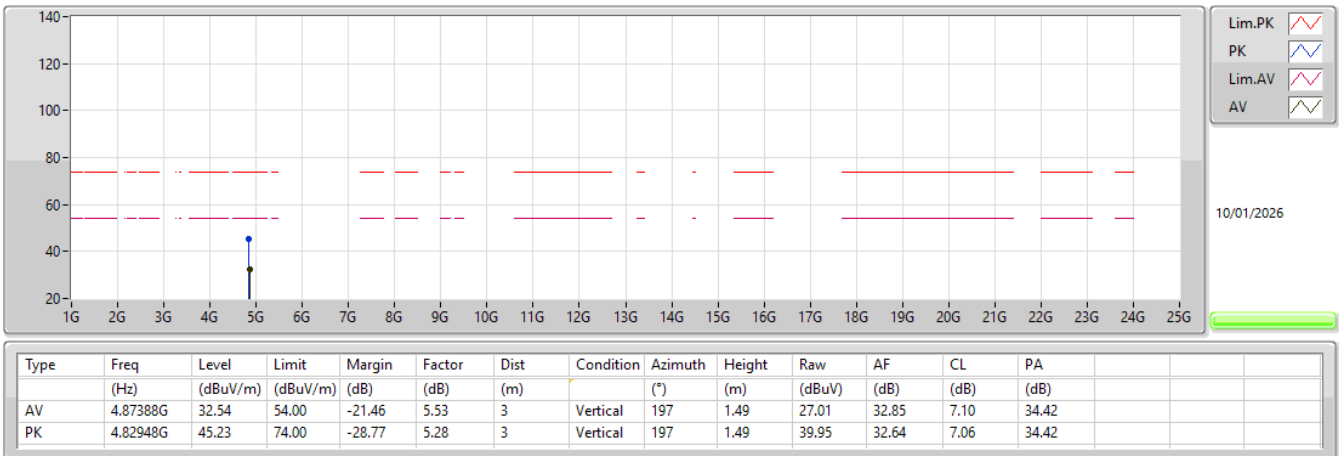
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.13	54.00	-0.87	32.30	3	Horizontal	332	2.45	20.83	27.40	4.90	-
AV	2.4208G	105.18	Inf	-Inf	32.45	3	Horizontal	332	2.45	72.73	27.52	4.93	-
AV	2.4835G	48.77	54.00	-5.23	32.89	3	Horizontal	332	2.45	15.88	27.90	4.99	-
PK	2.3892G	72.03	74.00	-1.97	32.28	3	Horizontal	332	2.45	39.75	27.38	4.90	-
PK	2.4204G	116.58	Inf	-Inf	32.44	3	Horizontal	332	2.45	84.14	27.51	4.93	-
PK	2.484G	60.42	74.00	-13.58	32.89	3	Horizontal	332	2.45	27.53	27.90	4.99	-

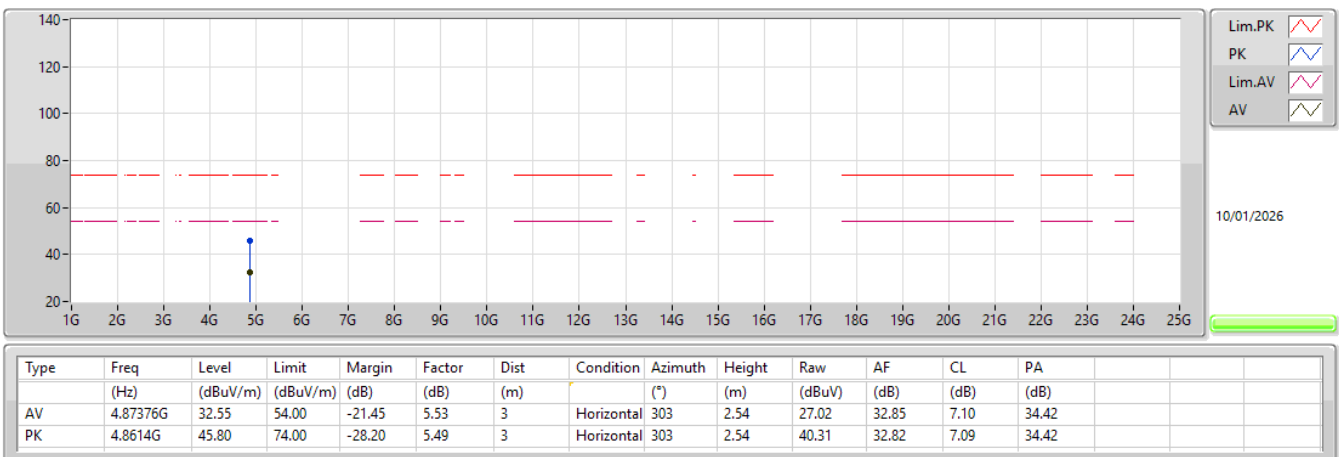
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX



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

2422MHz_TX





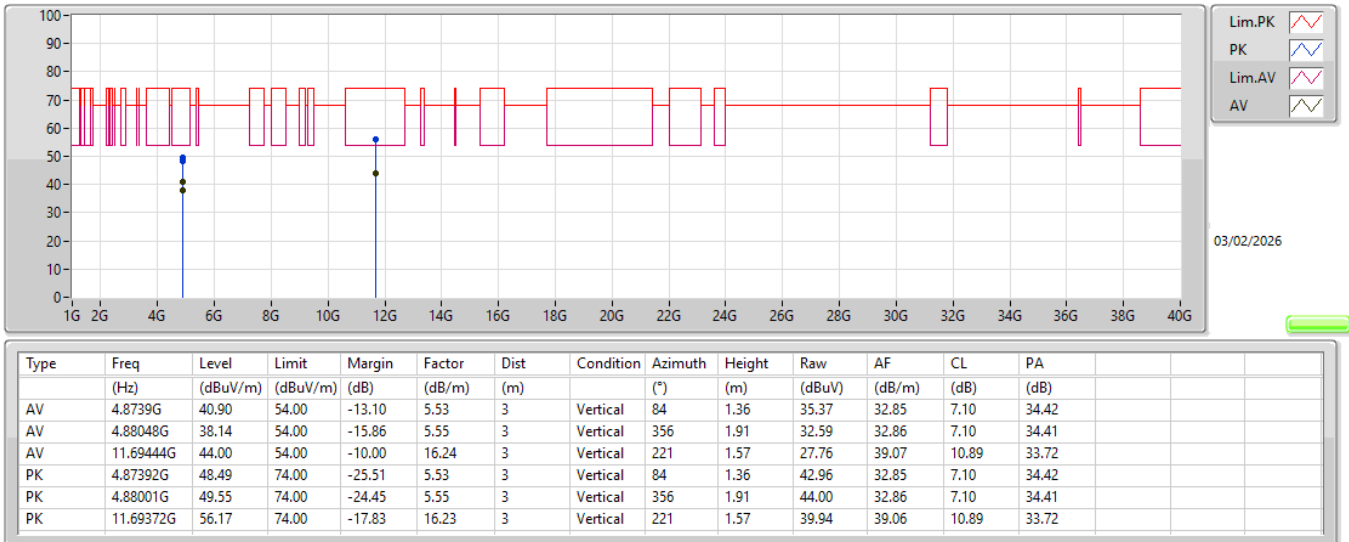
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87394G	48.94	54.00	-5.06	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	4.8739G	40.90	54.00	-13.10	3	Vertical	84	1.36
Mode 1	Pass	AV	4.88048G	38.14	54.00	-15.86	3	Vertical	356	1.91
Mode 1	Pass	AV	11.69444G	44.00	54.00	-10.00	3	Vertical	221	1.57
Mode 1	Pass	PK	4.87392G	48.49	74.00	-25.51	3	Vertical	84	1.36
Mode 1	Pass	PK	4.88001G	49.55	74.00	-24.45	3	Vertical	356	1.91
Mode 1	Pass	PK	11.69372G	56.17	74.00	-17.83	3	Vertical	221	1.57
Mode 1	Pass	AV	4.87394G	48.94	54.00	-5.06	3	Horizontal	7	1.43
Mode 1	Pass	AV	4.88004G	41.02	54.00	-12.98	3	Horizontal	342	1.16
Mode 1	Pass	AV	11.696G	44.09	54.00	-9.91	3	Horizontal	263	1.49
Mode 1	Pass	PK	4.87396G	54.21	74.00	-19.79	3	Horizontal	7	1.43
Mode 1	Pass	PK	4.87953G	51.30	74.00	-22.70	3	Horizontal	342	1.16
Mode 1	Pass	PK	11.7067G	56.38	74.00	-17.62	3	Horizontal	263	1.49

Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

