

FCC Radio Test Report

FCC ID : XPYMAYAW4A

Equipment : Host-based multi-radio modules with Wi-Fi 6,
Bluetooth Low Energy 5.4 and 802.15.4

Brand Name : u-blox

Model Name : MAYA-W476-00B, MAYA-W466-00B, MAYA-W446-00B,
MAYA-W436-00B, MAYA-W473-00B, MAYA-W463-00B,
MAYA-W443-00B, MAYA-W433-00B, MAYA-W476-10B,
MAYA-W466-10B, MAYA-W446-10B, MAYA-W436-10B,
MAYA-W473-10B, MAYA-W463-10B, MAYA-W443-10B,
MAYA-W433-10B

Applicant : u-Blox AG
Zürcherstrasse 68, 8800 Thalwil Switzerland

Manufacturer : u-Blox AG
Zürcherstrasse 68, 8800 Thalwil Switzerland

Standard : 47 CFR FCC Part 15.247

The product was received on Feb. 25, 2026, and testing was started from May 08, 2026 and completed on Aug. 04, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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Report Template No.: HE1-C11 Ver3.4
FCC ID: XPYMAYAW4A

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:

None

Reviewed by: Ben Tseng

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std.	Ch. Frequency (MHz)	Channel Number
2400-2483.5	802.15.4	2405-2480	11-26 [16]

MAYA-W473-10B / MAYA-W476-10B

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.15.4	3	1TX

Note:.

- ♦ 802.15.4 uses a O-QPSK (250kbps) modulation for DSSS.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Model Name : MAYA-W476-00B,MAYA-W466-00B,MAYA-W446-00B,MAYA-W436-00B, MAYA-W476-10B, MAYA-W466-10B, MAYA-W446-10B, MAYA-W436-10B				
Integrated PCB Antenna				
Ant.	Brand	Model Name	Antenna Type	Support
1	U-Blox	MAYA-W4 PCB	PCB Antenna	2.4G+5G+BLE+802.15.4

Ant.	Gain (dBi)							
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-4	BT	802.15.4
1	1.56	-1.74	1.56	1.56	-2.23	-0.95	1.56	1.56

For 2.4GHz function:

For IEEE 802.11 b/g/n/ax mode (1TX/1RX)

Ant. 1 could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX)

Ant. 1 could transmit/receive.

For BT function:

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

Ant. 1 could transmit/receive.

For Zigbee function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 1 could transmit/receive.



Model Name : MAYA-W473-00B, MAYA-W463-00B, MAYA-W443-00B, MAYA-W433-00B MAYA-W473-10B, MAYA-W463-10B, MAYA-W443-10B, MAYA-W433-10B				
External Antenna				
Ant.	Brand	Model Name	Antenna Type	Support
1	Linx	ANT-DB1-RAF-RPS	Dual-band dipole antenna	2.4G+5G+BLE+802.15.4
2	Chang Hong	DA-2458-02-SMR	Dual-band dipole antenna	2.4G+5G+BLE+802.15.4
3	Laird	001-0012	Dual-band dipole antenna	2.4G+5G+BLE+802.15.4
4	Taoglas	GW.59.3153	Dual-band dipole antenna	2.4G+5G+BLE+802.15.4
5	Laird	MAF94051	Dual-band dipole antenna	2.4G+5G+BLE+802.15.4
6	Unictron	H2B1PD1A1C385L	PCB antenna	2.4G+5G+BLE+802.15.4
7	Molex	1461530050	PCB antenna	2.4G+5G+BLE+802.15.4
8	Molex	2042810100	PCB antenna	2.4G+5G+BLE+802.15.4

Ant.	Gain (dBi)							
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-4	BT	802.15.4
1	4.1	5.1	5.1	5.1	5.1	5.1	4.1	4.1
2	2.85	1.52	0.36	1.35	2.17	1.49	2.85	2.85
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
4	3.8	5.3	5.3	5.3	5.3	5.3	3.8	3.8
5	2.1	2.6	2.6	2.6	2.6	3.4	2.1	2.1
6	2.7	3.5	3.5	3.5	3.5	3.5	2.7	2.7
7	3.2	4.25	4.25	4.25	4.25	4.25	3.2	3.2
8	2.0	3.3	3.3	3.3	3.3	3.3	2.0	2.0

For 2.4GHz function:

For IEEE 802.11 b/g/n/ax mode (1TX/1RX)

Ant. 1 ~ Ant. 8 could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX)

Ant. 1 ~ Ant. 8 could transmit/receive.

For BT function:

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

Ant. 1 ~ Ant. 8 could transmit/receive.

For Zigbee function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 1 ~ Ant. 8 could transmit/receive.

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From Host system		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
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**MAYA-W473-10B**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.15.4_Nss 1	1	0	50.006m	10Hz (DC>=0.98)

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

MAYA-W476-10B

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.15.4_Nss 1	1	0	100.003m	10Hz (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

Model Name	Description	Chipset used	Radio Technologies	Antenna Type	Antenna item
MAYA-W476-00B	Product with integrated antenna	NXP IW610G	2.4G+5G Wi-Fi, BLE, 802.15.4	PCB Antenna	W9
MAYA-W466-00B	Product with integrated antenna	NXP IW610F	2.4G+5G Wi-Fi, BLE	PCB Antenna	W9
MAYA-W446-00B	Product with integrated antenna	NXP IW610C	2.4G Wi-Fi, BLE, 802.15.4	PCB Antenna	W9
MAYA-W436-00B	Product with integrated antenna	NXP IW610B	2.4G Wi-Fi, BLE	PCB Antenna	W9
MAYA-W473-00B	Product with antenna pin	NXP IW610G	2.4G+5G Wi-Fi, BLE, 802.15.4	External Antenna Dual-Band dipole Antenna or External PCB Antenna	W1~8
MAYA-W463-00B	Product with antenna pin	NXP IW610F	2.4G+5G Wi-Fi, BLE	External Antenna Dual-Band dipole Antenna or External PCB Antenna	W1~8
MAYA-W443-00B	Product with antenna pin	NXP IW610C	2.4G Wi-Fi, BLE, 802.15.4	External Antenna Dual-Band dipole Antenna or External PCB Antenna	W1~8
MAYA-W433-00B	Product with antenna pin	NXP IW610B	2.4G Wi-Fi, BLE	External Antenna Dual-Band dipole Antenna or External PCB Antenna	W1~8
MAYA-W476-10B	Product with integrated antenna	NXP IW610G	2.4G+5G Wi-Fi, BLE, 802.15.4	PCB Antenna	W9
MAYA-W466-10B	Product with integrated antenna	NXP IW610F	2.4G+5G Wi-Fi, BLE	PCB Antenna	W9
MAYA-W446-10B	Product with integrated antenna	NXP IW610C	2.4G Wi-Fi, BLE, 802.15.4	PCB Antenna	W9
MAYA-W436-10B	Product with integrated antenna	NXP IW610B	2.4G Wi-Fi, BLE	PCB Antenna	W9
MAYA-W473-10B	Product with one antenna pin	NXP IW610G	2.4G+5G Wi-Fi, BLE, 802.15.4	External Antenna	W1~8
MAYA-W463-10B	Product with one antenna pin	NXP IW610F	2.4G+5G Wi-Fi, BLE	External Antenna	W1~8
MAYA-W443-10B	Product with one antenna pin	NXP IW610C	2.4G Wi-Fi, BLE, 802.15.4	External Antenna	W1~8
MAYA-W433-10B	Product with one antenna pin	NXP IW610B	2.4G Wi-Fi, BLE	External Antenna	W1~8

From the above models, model: MAYA-W476-10B, MAYA-W473-10B was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR4O2915AZ

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

Modifications	Performance Checking
1. Add model name, and Add LTE Coexistence filter on 2.4G path (MAYA-W476-10B, MAYA-W466-10B MAYA-W446-10B, MAYA-W436-10B, MAYA-W473-10B, MAYA-W463-10B, MAYA-W443-10B, MAYA-W433-10B)	All test items
2. Update standard version to ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024	After evaluation, no RF test validations are required.

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 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	20.5~22.7°C / 57~59%	30/Jul/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.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated_ below 1GHz	03CH24-HY	Billy Wang	20.5~20.6°C / 58~59%	03/Aug/2026
Radiated_ Co-location	03CH24-HY	Billy Wang	20.5~20.6°C / 58~59%	04/Aug/2026
Subcontractor : Sporton International Inc. Hsinchu Laboratory				
☒ Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)			
	TEL: 886-3-656-9065		FAX: 886-3-656-9085	
Test site Designation No. TW3787 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Brian Sun	24.1~24.4°C / 56~62%	08/May/2026~13/May/2026
Radiated_ above 1GHz	03CH05-CB 03CH02-CB	Gordon Hung	21~23°C / 57~60%	08/May/2026~13/May/2026

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))

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Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	3.24 dB	Confidence levels of 95%
Conducted Output Power	1.12 dB	Confidence levels of 95%
Bandwidth	0.07 MHz	Confidence levels of 95%
Conducted Emission	1.12 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	1.76 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.38 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	4.94 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	4.92 dB	Confidence levels of 95%

Hsinchu Laboratory

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.00%	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Dut labtool v2.0.0.21
------------------------------	-----------------------

MAYA-W473-10B

Mode	Power Setting
802.15.4	-
2405MHz	11
2440MHz	11
2475MHz	11
2480MHz	0

MAYA-W476-10B

Mode	Power Setting
802.15.4	-
2405MHz	11
2440MHz	11
2475MHz	11
2480MHz	0

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	Fixture 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	Fixture mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V MAYA-W473-10B	V MAYA-W476-10B

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 5GHz + Bluetooth
2	WLAN 5GHz + 802.15.4
Refer to Sporton Test Report No.: FA4O2915-03 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

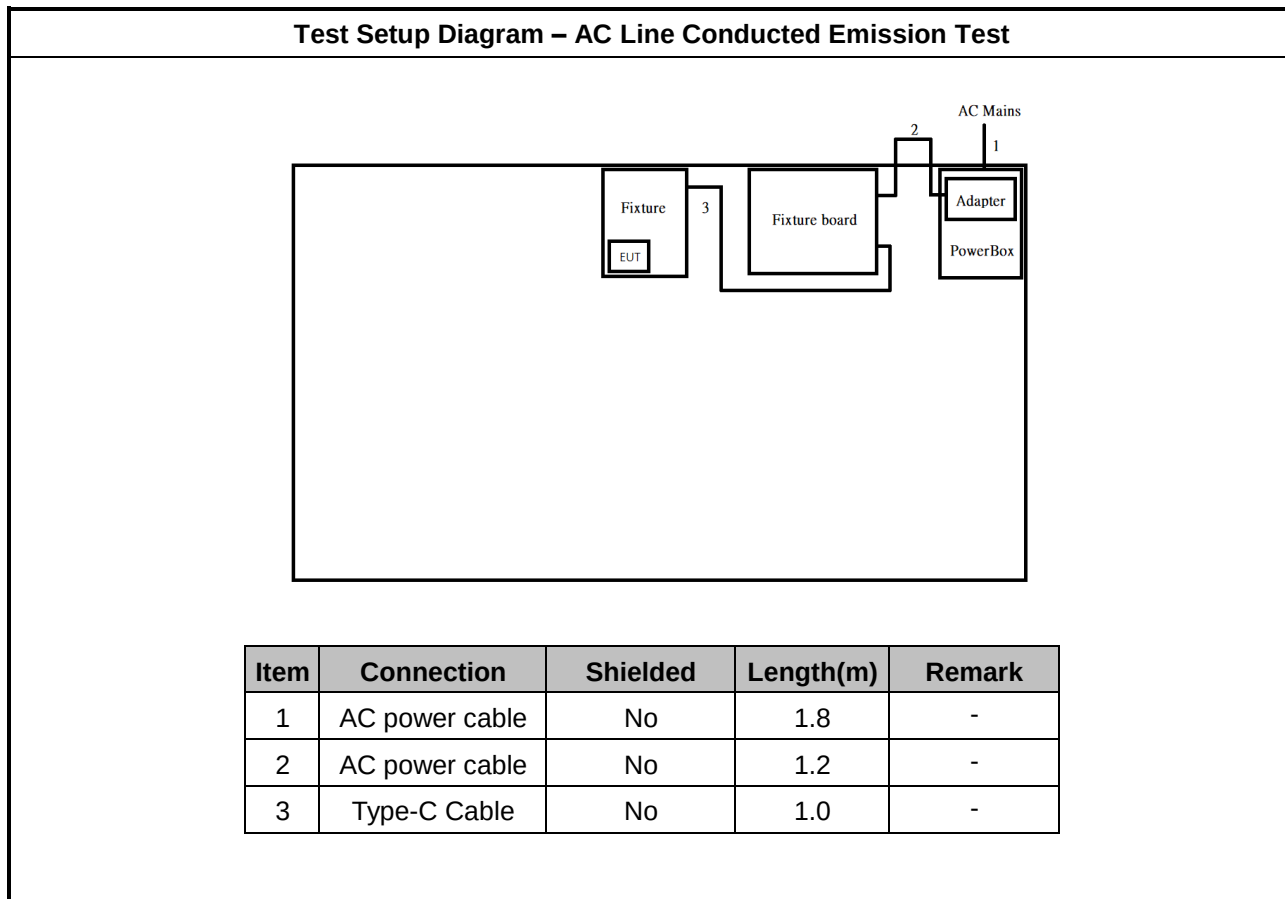
2.3 Support Equipment

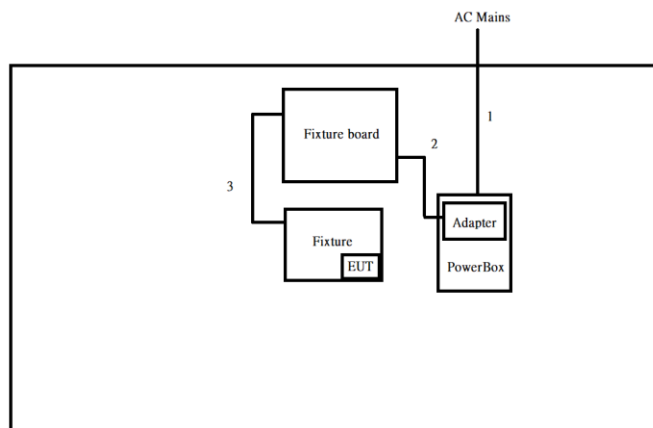
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	EVKB Board	NXP	8MMINILPDDR4-EVKB	-	-
2	Adapter	EDAC	EA1045CR	-	-
3	Fixture	U-blox	MAYA-W4 EUK	-	-
4	Type-C Cable	UGREEN	US286	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	U-blox	MAYA-W4 EUK	-	-
4	EVKB Board	NXP	8MMINILPDDR4-EVKB	-	-
5	Power Supply	EDAC	EA1045CR	-	-
6	USB Type-C Cable	N/A	N/A	-	-
7	USB micro-B Cable	N/A	N/A	-	-
8	USB Type-C to A Adapter	N/A	N/A	-	-
9	Adapter PCB	N/A	N/A	-	-

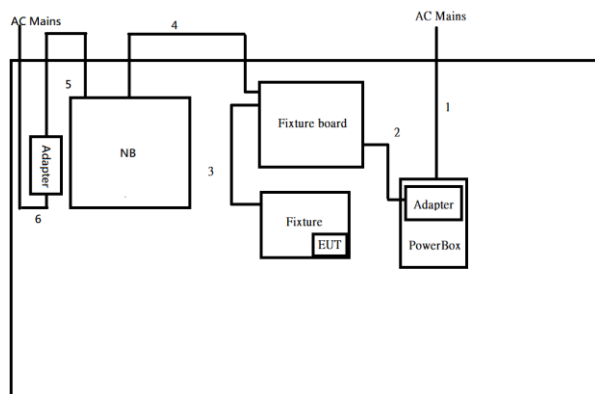
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	EVKB Board	NXP	8MMINILPDDR4-EVKB	-	-
2	Adapter	EDAC	EA1045CR	-	-
3	Fixture	U-blox	MAYA-W4 EUK	-	-
4	Type-C Cable	UGREEN	US286	-	-
5	Notebook	Dell	E5410	-	-
6	Adapter for NB	DELL	HA65NM130	-	-

2.4 Test Setup Diagram



Test Setup Diagram - Radiated below 1GHz Test


Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	AC power cable	No	1.2	-
3	Type-C Cable	No	1.0	-

Test Setup Diagram - Radiated above 1GHz Test


Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	AC power cable	No	1.2	-
3	Type-C Cable	No	1.0	-
4	USB micro-B Cable	No	1.5	-
5	DC power cable	No	1.8	-
6	AC power cable	No	1.8	-

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

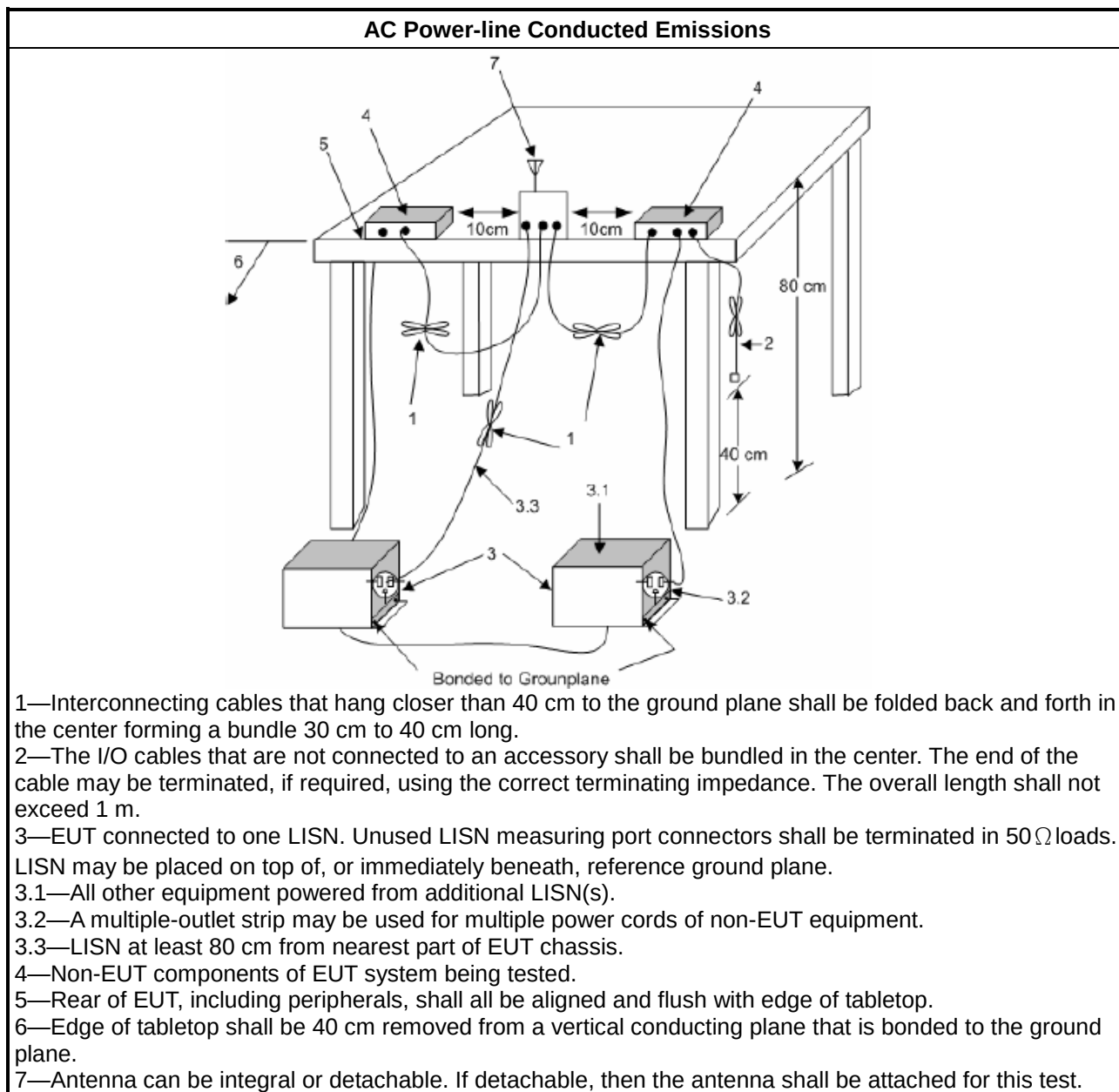
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

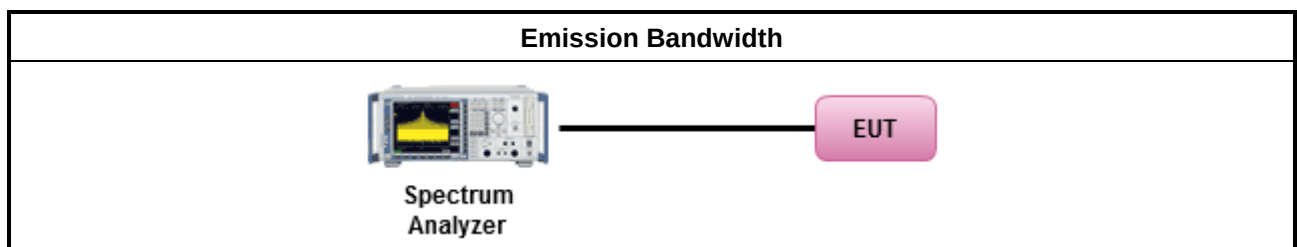
3.2.2 Measuring Instruments

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.	

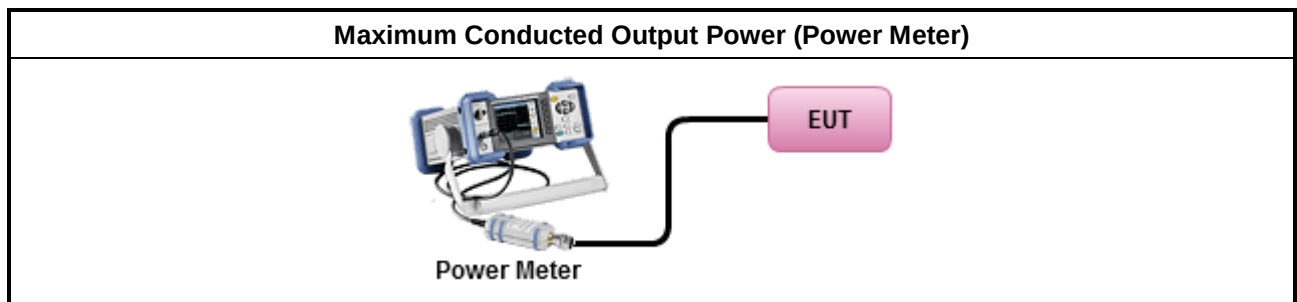
3.3.2 Measuring Instruments

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

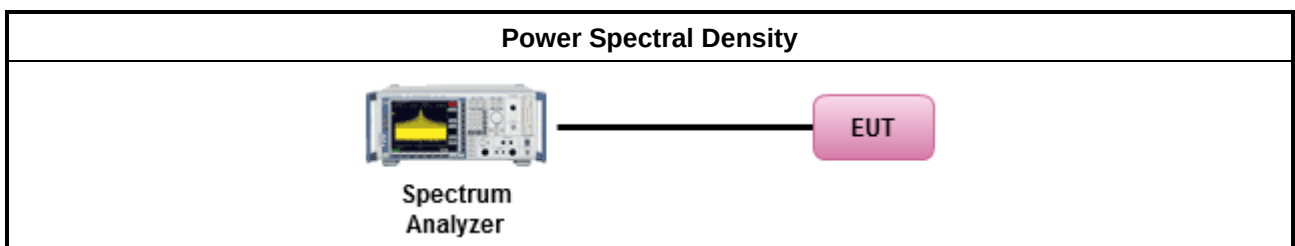
3.4.2 Measuring Instruments

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.	

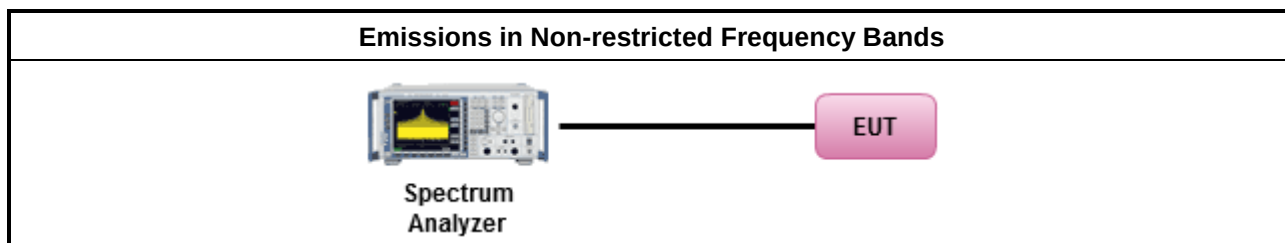
3.5.2 Measuring Instruments

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

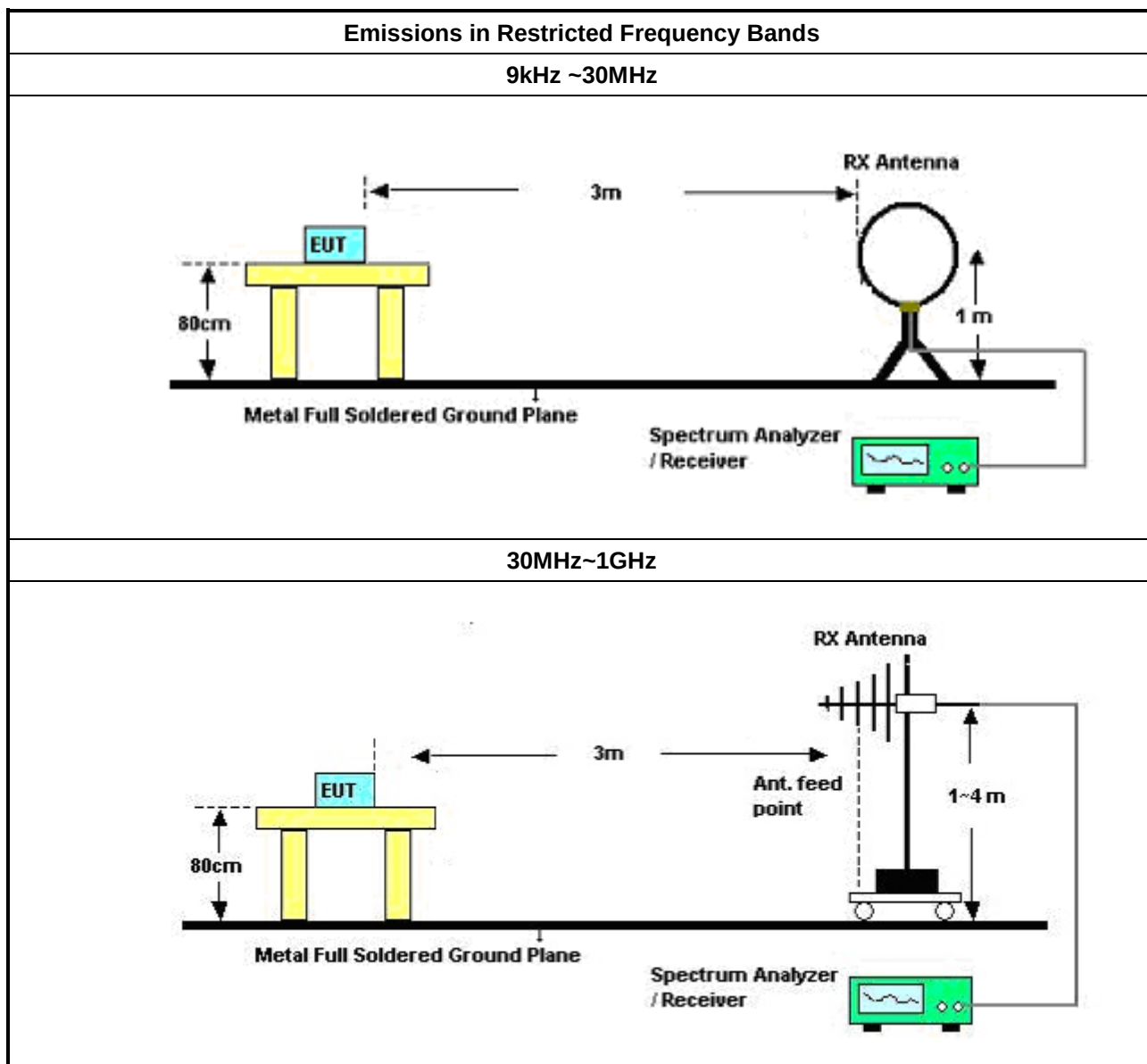
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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 (i.e., 1 MHz).
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.

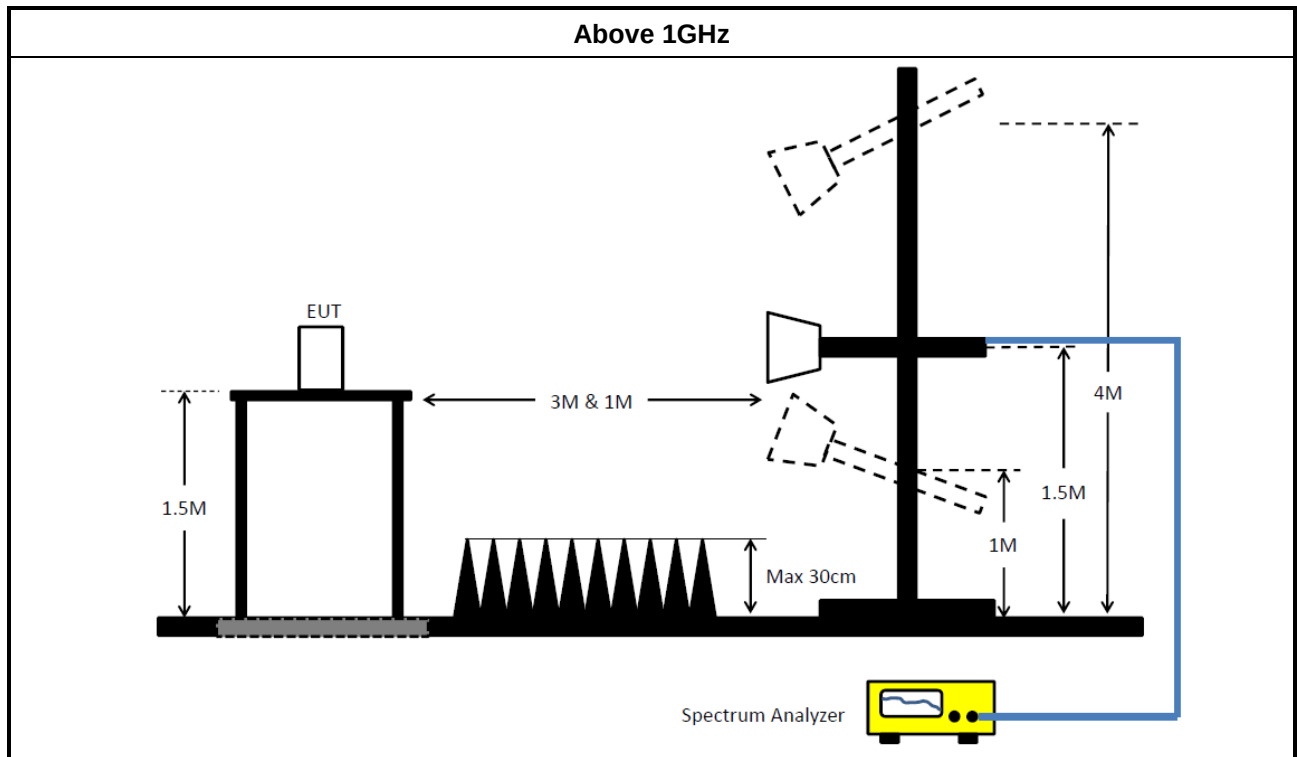
3.6.4 Measurement Results Calculation

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	05/Jun/2026	04/Jun/2027
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	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-F	9561-F041	9kHz ~ 30MHz	27/Oct/2025	26/Oct/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test (TH01-CB)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	27/May/2025	26/May/2026
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	20/Sep/2025	19/Sep/2026
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	30/Sep/2025	29/Sep/2026
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	30/Sep/2025	29/Sep/2026
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	30/Sep/2025	29/Sep/2026
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	30/Sep/2025	29/Sep/2026
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	30/Sep/2025	29/Sep/2026
Attenuator	MWRF	MWRF-10N-6	N/A	DC~18 GHz	NCR	NCR
Power Sensor	Anritsu	MA2411B	1339026	300MHz~40GHz	21/Mar/2026	20/Mar/2027
Power Meter	Anritsu	ML2495A	1324009	300MHz~40GHz	21/Mar/2026	20/Mar/2027
Power Sensor	Keysight	U2021XA	MY53510001	50MHz~18GHz	24/Apr/2026	23/Apr/2027

NCR: No Calibration Required

Instrument for Radiated Test (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	15/Aug/2025	14/Aug/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	08/Dec/2025	07/Dec/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	26/Aug/2025	25/Aug/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	12/Apr/2026	11/Apr/2027
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Agilent	8447D	2944A06292	30MHz~1GHz	07/Apr/2026	06/Apr/2027
SENSE-15247-DTS	Sporton	V5.11.27	NA	NA	NA	NA

Instrument for Radiated Test (03CH02-CB)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	21/Mar/2026	20/Mar/2027
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	24/Apr/2026	23/Apr/2027
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	07/Oct/2025	06/Oct/2026
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	28/Jun/2025	27/Jun/2026
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	21/Nov/2025	20/Nov/2026
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	20/Aug/2025	19/Aug/2026
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	19/Jun/2025	18/Jun/2026
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	11/Feb/2026	10/Feb/2027
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835 GHz	NCR	NCR

NCR: No Calibration Required

**Instrument for Radiated Test (03CH05-CB)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz	27/Sep/2025	26/Sep/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	750MHz~18GHz	06/Jun/2025	05/Jun/2026
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	07/Oct/2025	06/Oct/2026
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	28/Jun/2025	27/Jun/2026
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	21/Nov/2025	20/Nov/2026
Spectrum Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	10/Jun/2025	09/Jun/2026
RF Cable-high	Woken	RG402	High Cable04+28	1GHz ~ 18GHz	25/Sep/2025	24/Sep/2026
RF Cable-high	Woken	RG402	High Cable28	1GHz ~ 18GHz	25/Sep/2025	24/Sep/2026
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	11/Feb/2026	10/Feb/2027
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835 GHz	NCR	NCR

NCR: No Calibration Required**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	28/Jul/2026	27/Jul/2027
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	26/Aug/2025	25/Aug/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	11/Mar/2026	10/Mar/2027
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable -01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	07/Apr/2026	06/Apr/2027
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
SENSE-EMI	Sporton	V5.11.10	NA	NA	NA	NA



**Conducted Emissions at Powerline_MAYA-W473-10B_
Dipole Antenna**

Appendix A.1

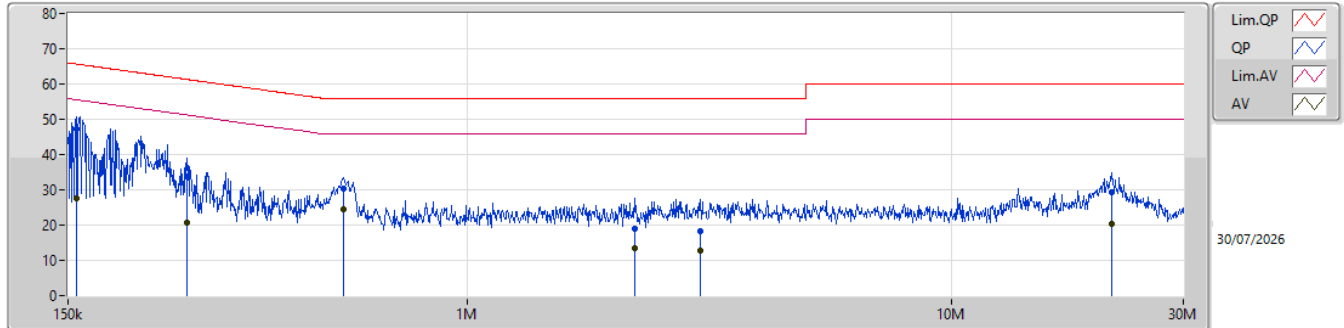
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.99k	47.87	65.56	-17.69	Neutral

Result

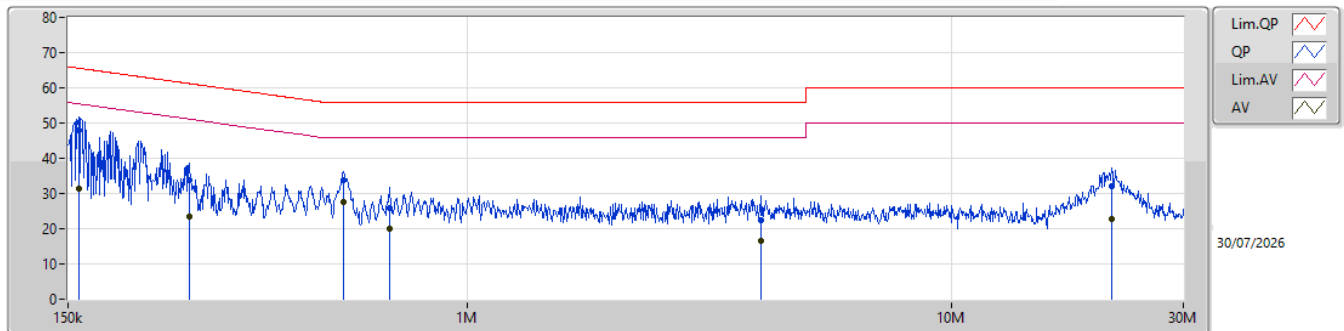
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.11k	47.20	65.67	-18.47	Line
Mode 1	Pass	AV	156.11k	27.73	55.67	-27.94	Line
Mode 1	Pass	QP	263.36k	33.76	61.32	-27.56	Line
Mode 1	Pass	AV	263.36k	20.76	51.32	-30.56	Line
Mode 1	Pass	QP	555.58k	30.45	56.00	-25.55	Line
Mode 1	Pass	AV	555.58k	24.61	46.00	-21.39	Line
Mode 1	Pass	QP	2.21M	19.00	56.00	-37.00	Line
Mode 1	Pass	AV	2.21M	13.61	46.00	-32.39	Line
Mode 1	Pass	QP	3.02M	18.28	56.00	-37.72	Line
Mode 1	Pass	AV	3.02M	12.59	46.00	-33.41	Line
Mode 1	Pass	QP	21.35M	29.26	60.00	-30.74	Line
Mode 1	Pass	AV	21.35M	20.23	50.00	-29.77	Line
Mode 1	Pass	QP	157.99k	47.87	65.56	-17.69	Neutral
Mode 1	Pass	AV	157.99k	31.33	55.56	-24.23	Neutral
Mode 1	Pass	QP	266.53k	33.65	61.22	-27.57	Neutral
Mode 1	Pass	AV	266.53k	23.49	51.22	-27.73	Neutral
Mode 1	Pass	QP	555.58k	33.74	56.00	-22.26	Neutral
Mode 1	Pass	AV	555.58k	27.43	46.00	-18.57	Neutral
Mode 1	Pass	QP	689.24k	25.84	56.00	-30.16	Neutral
Mode 1	Pass	AV	689.24k	19.84	46.00	-26.16	Neutral
Mode 1	Pass	QP	4.04M	22.34	56.00	-33.66	Neutral
Mode 1	Pass	AV	4.04M	16.50	46.00	-29.50	Neutral
Mode 1	Pass	QP	21.35M	32.04	60.00	-27.96	Neutral
Mode 1	Pass	AV	21.35M	22.66	50.00	-27.34	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	156.11k	47.20	65.67	-18.47	19.79	Line	27.41	9.64	0.17	9.98								
AV	156.11k	27.73	55.67	-27.94	19.79	Line	7.94	9.64	0.17	9.98								
QP	263.36k	33.76	61.32	-27.56	19.77	Line	13.99	9.64	0.12	10.01								
AV	263.36k	20.76	51.32	-30.56	19.77	Line	0.99	9.64	0.12	10.01								
QP	555.58k	30.45	56.00	-25.55	19.75	Line	10.70	9.63	0.09	10.03								
AV	555.58k	24.61	46.00	-21.39	19.75	Line	4.86	9.63	0.09	10.03								
QP	2.21M	19.00	56.00	-37.00	19.66	Line	-0.66	9.65	0.05	9.96								
AV	2.21M	13.61	46.00	-32.39	19.66	Line	-6.05	9.65	0.05	9.96								
QP	3.02M	18.28	56.00	-37.72	19.76	Line	-1.48	9.66	0.09	10.01								
AV	3.02M	12.59	46.00	-33.41	19.76	Line	-7.17	9.66	0.09	10.01								
QP	21.35M	29.26	60.00	-30.74	20.02	Line	9.24	9.59	0.38	10.05								
AV	21.35M	20.23	50.00	-29.77	20.02	Line	0.21	9.59	0.38	10.05								

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	157.99k	47.87	65.56	-17.69	19.79	Neutral	28.08	9.64	0.16	9.99								
AV	157.99k	31.33	55.56	-24.23	19.79	Neutral	11.54	9.64	0.16	9.99								
QP	266.53k	33.65	61.22	-27.57	19.76	Neutral	13.89	9.63	0.12	10.01								
AV	266.53k	23.49	51.22	-27.73	19.76	Neutral	3.73	9.63	0.12	10.01								
QP	555.58k	33.74	56.00	-22.26	19.75	Neutral	13.99	9.63	0.09	10.03								
AV	555.58k	27.43	46.00	-18.57	19.75	Neutral	7.68	9.63	0.09	10.03								
QP	689.24k	25.84	56.00	-30.16	19.77	Neutral	6.07	9.64	0.08	10.05								
AV	689.24k	19.84	46.00	-26.16	19.77	Neutral	0.07	9.64	0.08	10.05								
QP	4.04M	22.34	56.00	-33.66	19.84	Neutral	2.50	9.66	0.13	10.05								
AV	4.04M	16.50	46.00	-29.50	19.84	Neutral	-3.34	9.66	0.13	10.05								
QP	21.35M	32.04	60.00	-27.96	20.13	Neutral	11.91	9.70	0.38	10.05								
AV	21.35M	22.66	50.00	-27.34	20.13	Neutral	2.53	9.70	0.38	10.05								



**Conducted Emissions at Powerline MAYA-W473-10B_
PCB Antenna**

Appendix A.2

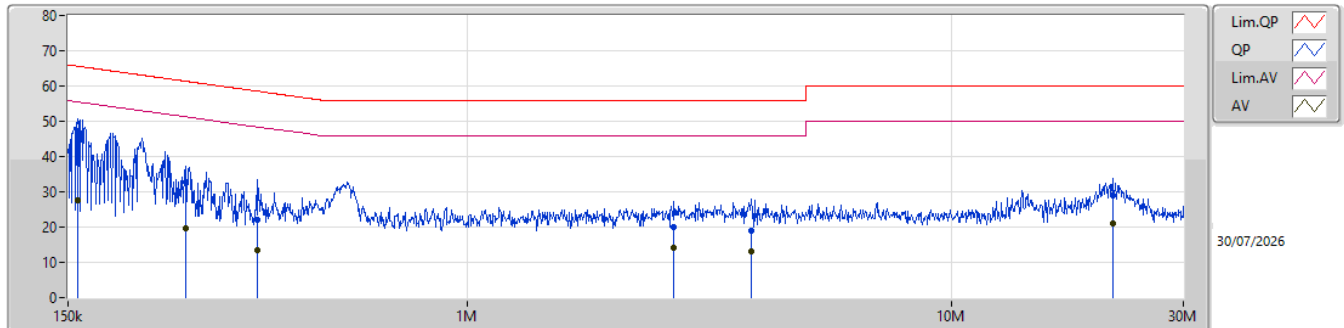
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.99k	47.65	65.56	-17.91	Neutral

Result

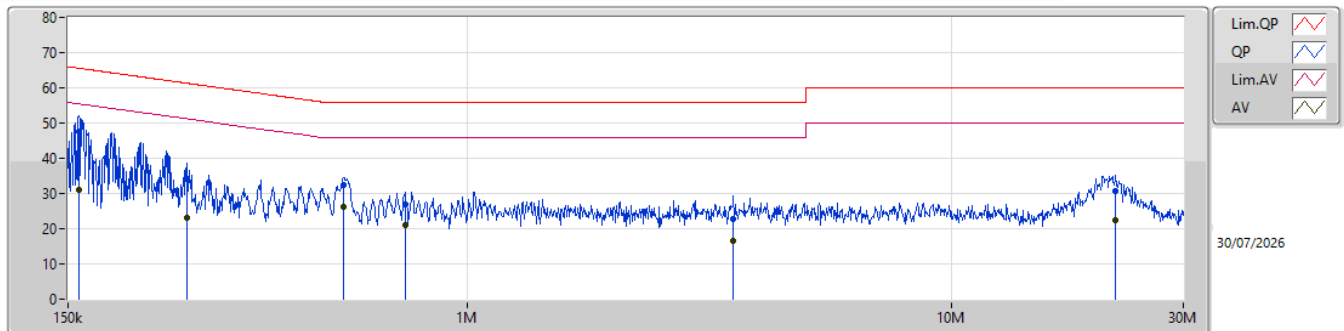
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.36k	47.25	65.60	-18.35	Line
Mode 1	Pass	AV	157.36k	27.49	55.60	-28.11	Line
Mode 1	Pass	QP	262.31k	32.74	61.35	-28.61	Line
Mode 1	Pass	AV	262.31k	19.50	51.35	-31.85	Line
Mode 1	Pass	QP	368.28k	22.07	58.54	-36.47	Line
Mode 1	Pass	AV	368.28k	13.44	48.54	-35.10	Line
Mode 1	Pass	QP	2.67M	20.06	56.00	-35.94	Line
Mode 1	Pass	AV	2.67M	14.23	46.00	-31.77	Line
Mode 1	Pass	QP	3.85M	18.97	56.00	-37.03	Line
Mode 1	Pass	AV	3.85M	13.04	46.00	-32.96	Line
Mode 1	Pass	QP	21.43M	28.83	60.00	-31.17	Line
Mode 1	Pass	AV	21.43M	20.89	50.00	-29.11	Line
Mode 1	Pass	QP	157.99k	47.65	65.56	-17.91	Neutral
Mode 1	Pass	AV	157.99k	31.01	55.56	-24.55	Neutral
Mode 1	Pass	QP	264.41k	34.08	61.30	-27.22	Neutral
Mode 1	Pass	AV	264.41k	23.14	51.30	-28.16	Neutral
Mode 1	Pass	QP	555.58k	32.53	56.00	-23.47	Neutral
Mode 1	Pass	AV	555.58k	26.27	46.00	-19.73	Neutral
Mode 1	Pass	QP	743.55k	26.92	56.00	-29.08	Neutral
Mode 1	Pass	AV	743.55k	21.02	46.00	-24.98	Neutral
Mode 1	Pass	QP	3.54M	22.85	56.00	-33.15	Neutral
Mode 1	Pass	AV	3.54M	16.71	46.00	-29.29	Neutral
Mode 1	Pass	QP	21.78M	30.61	60.00	-29.39	Neutral
Mode 1	Pass	AV	21.78M	22.47	50.00	-27.53	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	157.36k	47.25	65.60	-18.35	19.79	Line	27.46	9.64	0.16	9.99								
AV	157.36k	27.49	55.60	-28.11	19.79	Line	7.70	9.64	0.16	9.99								
QP	262.31k	32.74	61.35	-28.61	19.77	Line	12.97	9.64	0.12	10.01								
AV	262.31k	19.50	51.35	-31.85	19.77	Line	-0.27	9.64	0.12	10.01								
QP	368.28k	22.07	58.54	-36.47	19.73	Line	2.34	9.63	0.10	10.00								
AV	368.28k	13.44	48.54	-35.10	19.73	Line	-6.29	9.63	0.10	10.00								
QP	2.67M	20.06	56.00	-35.94	19.72	Line	0.34	9.65	0.08	9.99								
AV	2.67M	14.23	46.00	-31.77	19.72	Line	-5.49	9.65	0.08	9.99								
QP	3.85M	18.97	56.00	-37.03	19.83	Line	-0.86	9.66	0.13	10.04								
AV	3.85M	13.04	46.00	-32.96	19.83	Line	-6.79	9.66	0.13	10.04								
QP	21.43M	28.83	60.00	-31.17	20.01	Line	8.82	9.59	0.38	10.04								
AV	21.43M	20.89	50.00	-29.11	20.01	Line	0.88	9.59	0.38	10.04								

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	157.99k	47.65	65.56	-17.91	19.79	Neutral	27.86	9.64	0.16	9.99								
AV	157.99k	31.01	55.56	-24.55	19.79	Neutral	11.22	9.64	0.16	9.99								
QP	264.41k	34.08	61.30	-27.22	19.76	Neutral	14.32	9.63	0.12	10.01								
AV	264.41k	23.14	51.30	-28.16	19.76	Neutral	3.38	9.63	0.12	10.01								
QP	555.58k	32.53	56.00	-23.47	19.75	Neutral	12.78	9.63	0.09	10.03								
AV	555.58k	26.27	46.00	-19.73	19.75	Neutral	6.52	9.63	0.09	10.03								
QP	743.55k	26.92	56.00	-29.08	19.77	Neutral	7.15	9.64	0.08	10.05								
AV	743.55k	21.02	46.00	-24.98	19.77	Neutral	1.25	9.64	0.08	10.05								
QP	3.54M	22.85	56.00	-33.15	19.80	Neutral	3.05	9.66	0.11	10.03								
AV	3.54M	16.71	46.00	-29.29	19.80	Neutral	-3.09	9.66	0.11	10.03								
QP	21.78M	30.61	60.00	-29.39	20.11	Neutral	10.50	9.70	0.39	10.02								
AV	21.78M	22.47	50.00	-27.53	20.11	Neutral	2.36	9.70	0.39	10.02								



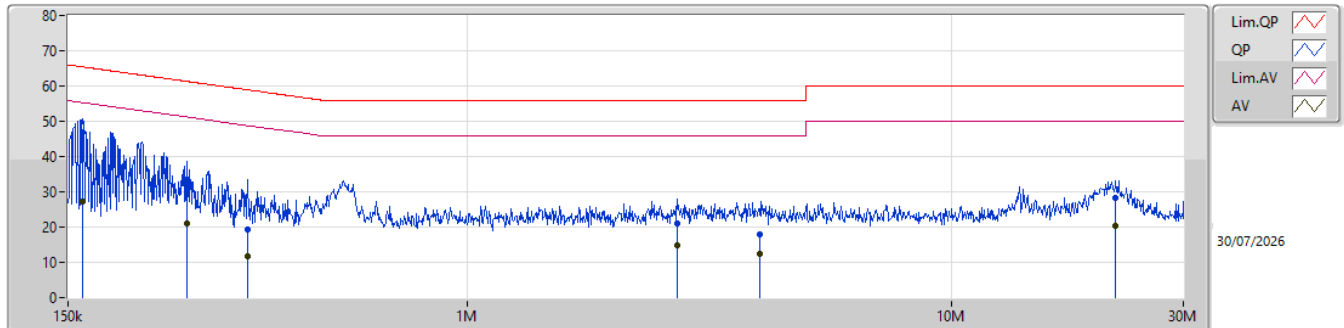
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.36k	47.66	65.60	-17.94	Neutral

Result

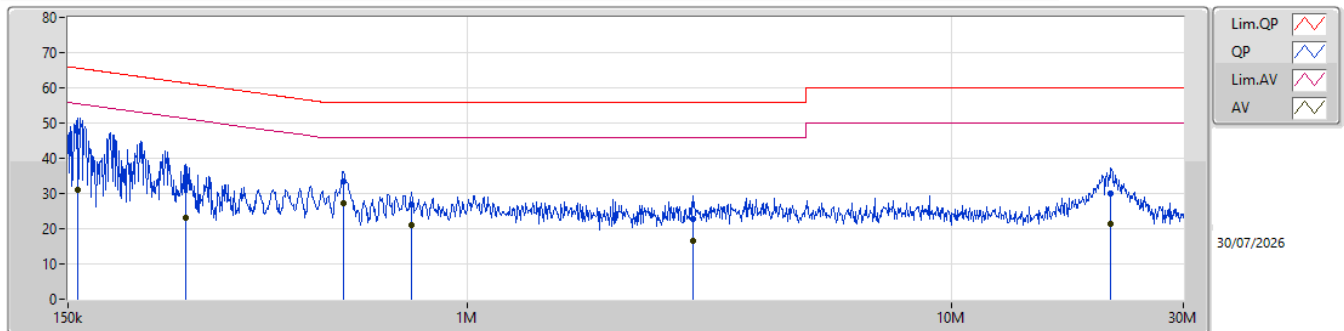
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	160.53k	46.81	65.43	-18.62	Line
Mode 1	Pass	AV	160.53k	27.17	55.43	-28.26	Line
Mode 1	Pass	QP	264.41k	33.57	61.30	-27.73	Line
Mode 1	Pass	AV	264.41k	20.88	51.30	-30.42	Line
Mode 1	Pass	QP	352.46k	19.34	58.91	-39.57	Line
Mode 1	Pass	AV	352.46k	11.74	48.91	-37.17	Line
Mode 1	Pass	QP	2.71M	20.90	56.00	-35.10	Line
Mode 1	Pass	AV	2.71M	14.89	46.00	-31.11	Line
Mode 1	Pass	QP	4.02M	17.96	56.00	-38.04	Line
Mode 1	Pass	AV	4.02M	12.51	46.00	-33.49	Line
Mode 1	Pass	QP	21.78M	28.17	60.00	-31.83	Line
Mode 1	Pass	AV	21.78M	20.38	50.00	-29.62	Line
Mode 1	Pass	QP	157.36k	47.66	65.60	-17.94	Neutral
Mode 1	Pass	AV	157.36k	31.07	55.60	-24.53	Neutral
Mode 1	Pass	QP	262.31k	33.57	61.35	-27.78	Neutral
Mode 1	Pass	AV	262.31k	23.00	51.35	-28.35	Neutral
Mode 1	Pass	QP	555.58k	33.46	56.00	-22.54	Neutral
Mode 1	Pass	AV	555.58k	27.17	46.00	-18.83	Neutral
Mode 1	Pass	QP	767.68k	26.76	56.00	-29.24	Neutral
Mode 1	Pass	AV	767.68k	20.92	46.00	-25.08	Neutral
Mode 1	Pass	QP	2.92M	22.59	56.00	-33.41	Neutral
Mode 1	Pass	AV	2.92M	16.62	46.00	-29.38	Neutral
Mode 1	Pass	QP	21.26M	30.04	60.00	-29.96	Neutral
Mode 1	Pass	AV	21.26M	21.26	50.00	-28.74	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	46.81	65.43	-18.62	19.79	Line	27.02	9.64	0.16	9.99								
AV	160.53k	27.17	55.43	-28.26	19.79	Line	7.38	9.64	0.16	9.99								
QP	264.41k	33.57	61.30	-27.73	19.77	Line	13.80	9.64	0.12	10.01								
AV	264.41k	20.88	51.30	-30.42	19.77	Line	1.11	9.64	0.12	10.01								
QP	352.46k	19.34	58.91	-39.57	19.74	Line	-0.40	9.63	0.11	10.00								
AV	352.46k	11.74	48.91	-37.17	19.74	Line	-8.00	9.63	0.11	10.00								
QP	2.71M	20.90	56.00	-35.10	19.72	Line	1.18	9.65	0.08	9.99								
AV	2.71M	14.89	46.00	-31.11	19.72	Line	-4.83	9.65	0.08	9.99								
QP	4.02M	17.96	56.00	-38.04	19.84	Line	-1.88	9.66	0.13	10.05								
AV	4.02M	12.51	46.00	-33.49	19.84	Line	-7.33	9.66	0.13	10.05								
QP	21.78M	28.17	60.00	-31.83	19.99	Line	8.18	9.58	0.39	10.02								
AV	21.78M	20.38	50.00	-29.62	19.99	Line	0.39	9.58	0.39	10.02								

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	157.36k	47.66	65.60	-17.94	19.79	Neutral	27.87	9.64	0.16	9.99								
AV	157.36k	31.07	55.60	-24.53	19.79	Neutral	11.28	9.64	0.16	9.99								
QP	262.31k	33.57	61.35	-27.78	19.76	Neutral	13.81	9.63	0.12	10.01								
AV	262.31k	23.00	51.35	-28.35	19.76	Neutral	3.24	9.63	0.12	10.01								
QP	555.58k	33.46	56.00	-22.54	19.75	Neutral	13.71	9.63	0.09	10.03								
AV	555.58k	27.17	46.00	-18.83	19.75	Neutral	7.42	9.63	0.09	10.03								
QP	767.68k	26.76	56.00	-29.24	19.78	Neutral	6.98	9.64	0.08	10.06								
AV	767.68k	20.92	46.00	-25.08	19.78	Neutral	1.14	9.64	0.08	10.06								
QP	2.92M	22.59	56.00	-33.41	19.75	Neutral	2.84	9.66	0.09	10.00								
AV	2.92M	16.62	46.00	-29.38	19.75	Neutral	-3.13	9.66	0.09	10.00								
QP	21.26M	30.04	60.00	-29.96	20.13	Neutral	9.91	9.70	0.38	10.05								
AV	21.26M	21.26	50.00	-28.74	20.13	Neutral	1.13	9.70	0.38	10.05								



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.15.4	1.616M	2.401M	2M40D1D	1.553M	2.236M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.15.4	-	-	-	-
2405MHz	Pass	500k	1.553M	2.401M
2440MHz	Pass	500k	1.616M	2.384M
2480MHz	Pass	500k	1.568M	2.236M

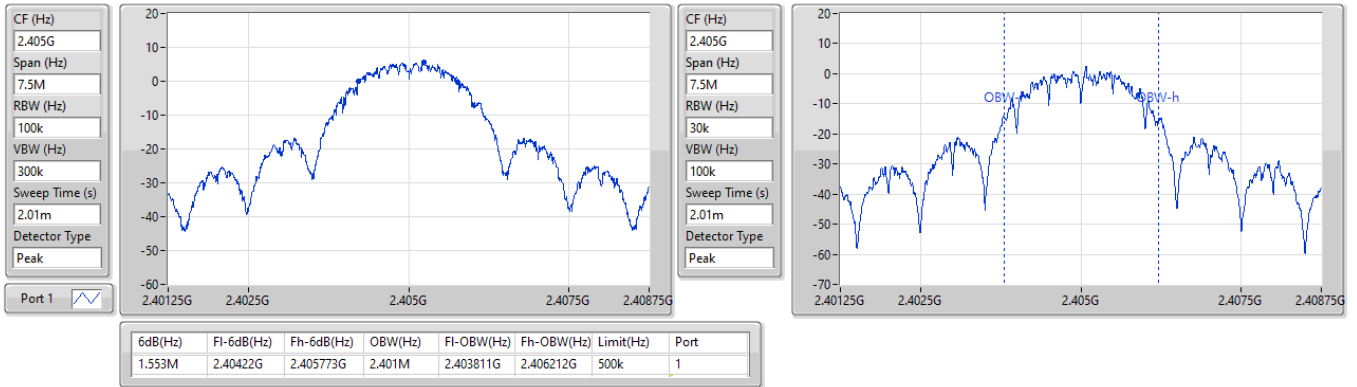
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.15.4

EBW

2405MHz

13/05/2026

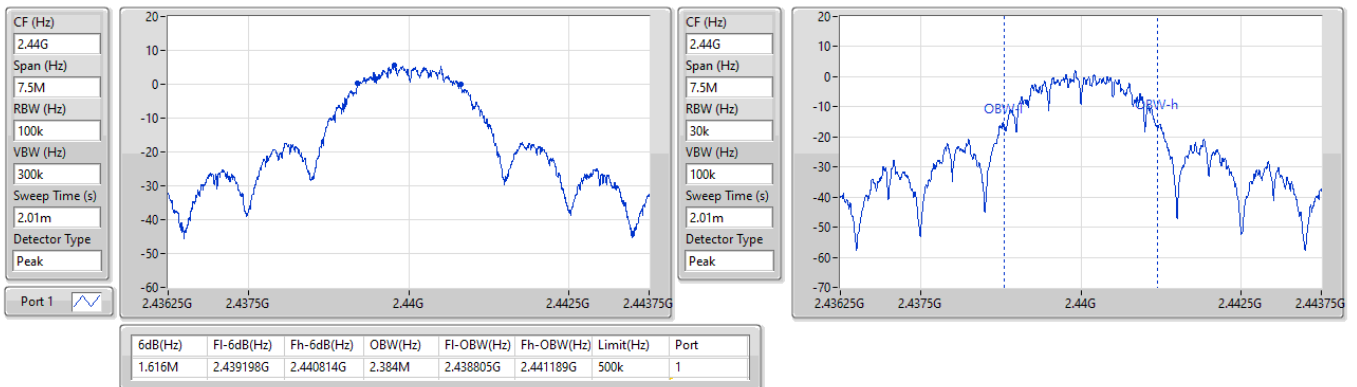


2.4-2.4835GHz_802.15.4

EBW

2440MHz

13/05/2026

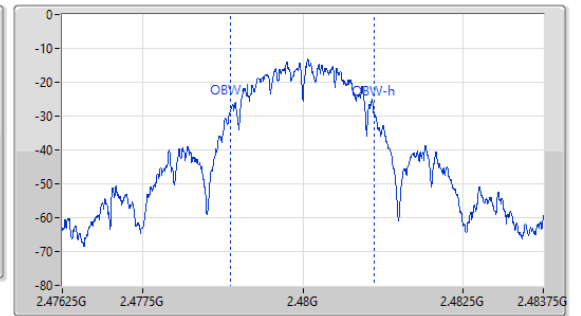
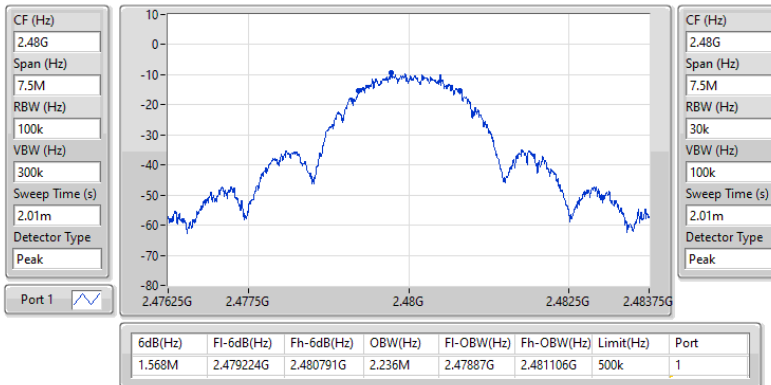


2.4-2.4835GHz_802.15.4

EBW

2480MHz

13/05/2026





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.15.4	1.616M	2.395M	2M40G1D	1.564M	2.259M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.15.4	-	-	-	-
2405MHz	Pass	500k	1.571M	2.376M
2440MHz	Pass	500k	1.564M	2.395M
2480MHz	Pass	500k	1.616M	2.259M

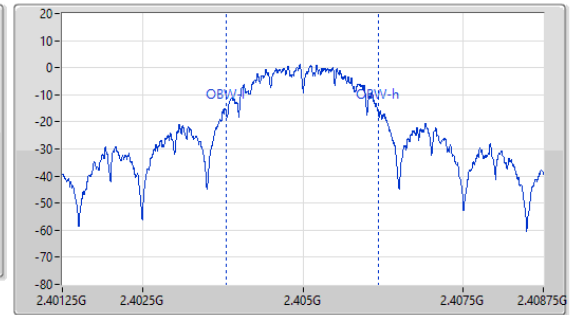
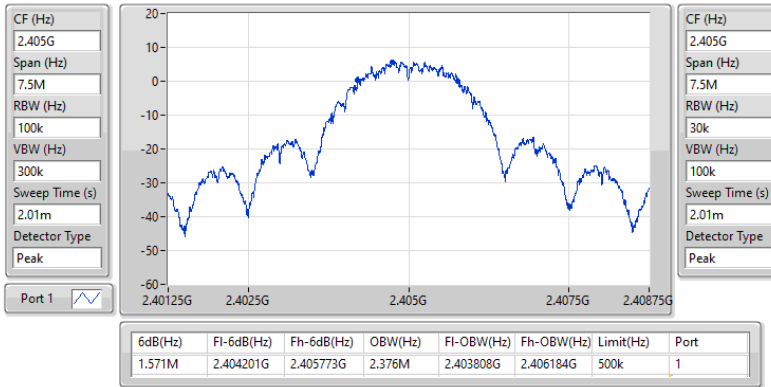
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.15.4

EBW

2405MHz

13/05/2026

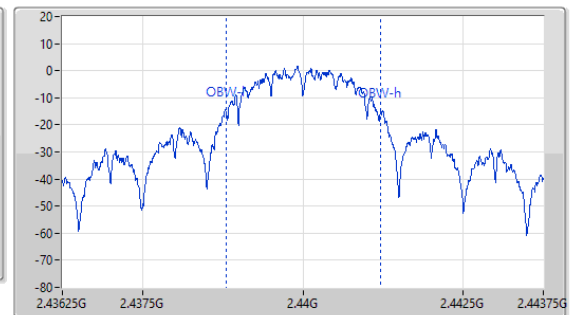
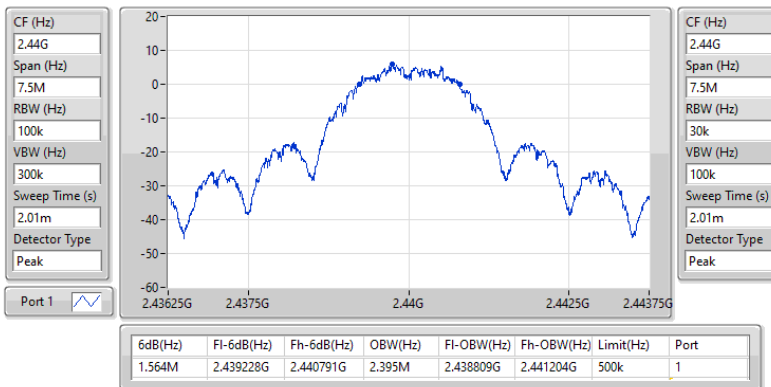


2.4-2.4835GHz_802.15.4

EBW

2440MHz

13/05/2026

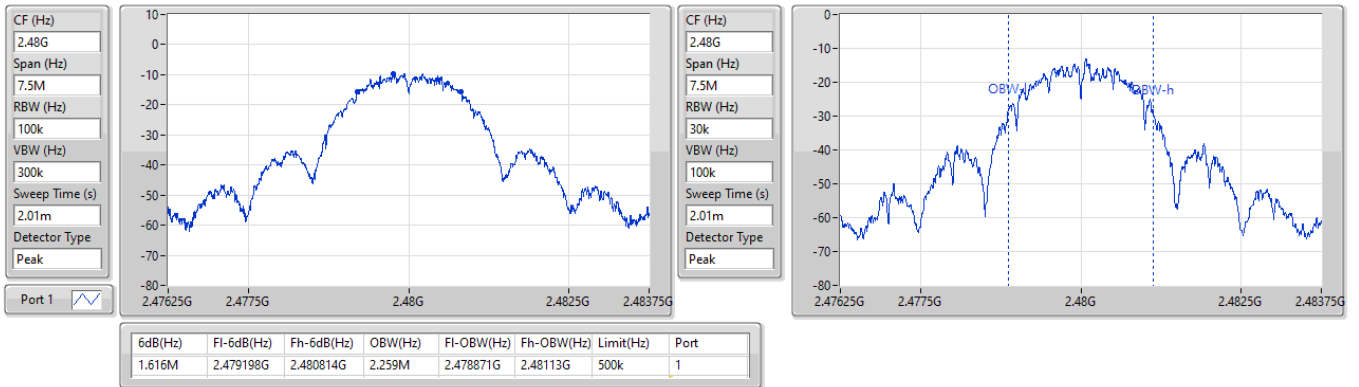


2.4-2.4835GHz_802.15.4

EBW

2480MHz

13/05/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.15.4	11.21	0.01321



Average Power_MAYA-W473-10B

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.15.4	-	-	-	-	-
2405MHz	Pass	4.10	11.21	11.21	30.00
2440MHz	Pass	4.10	11.04	11.04	30.00
2475MHz	Pass	4.10	10.92	10.92	30.00
2480MHz	Pass	4.10	-4.85	-4.85	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	-	-
802.15.4	11.17	0.01309

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.15.4	-	-	-	-	-
2405MHz	Pass	1.56	11.17	11.17	30.00
2440MHz	Pass	1.56	11.03	11.03	30.00
2475MHz	Pass	1.56	9.83	9.83	30.00
2480MHz	Pass	1.56	-4.94	-4.94	30.00

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	-
802.15.4	-5.97

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.15.4	-	-	-	-	-
2405MHz	Pass	4.10	-5.97	-5.97	8.00
2440MHz	Pass	4.10	-6.19	-6.19	8.00
2480MHz	Pass	4.10	-22.34	-22.34	8.00

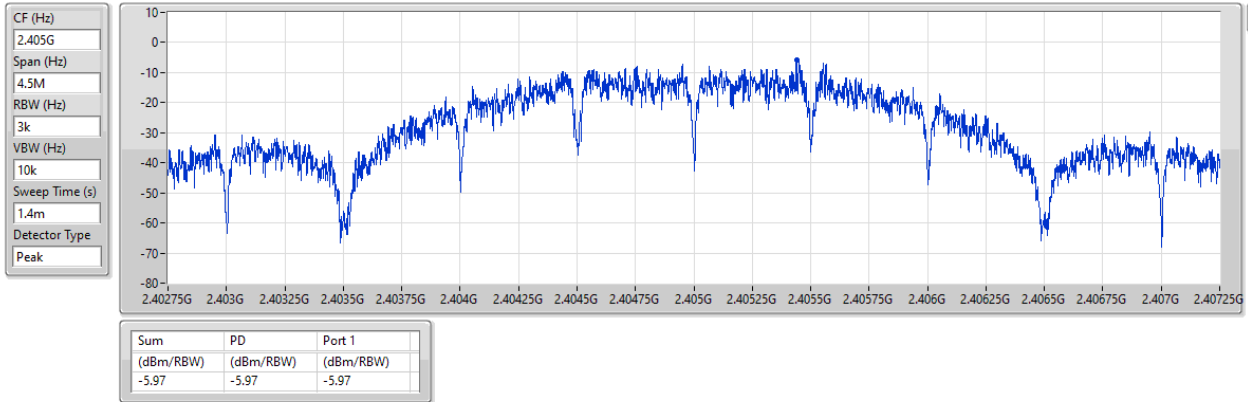
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.15.4

PSD

2405MHz

13/05/2026

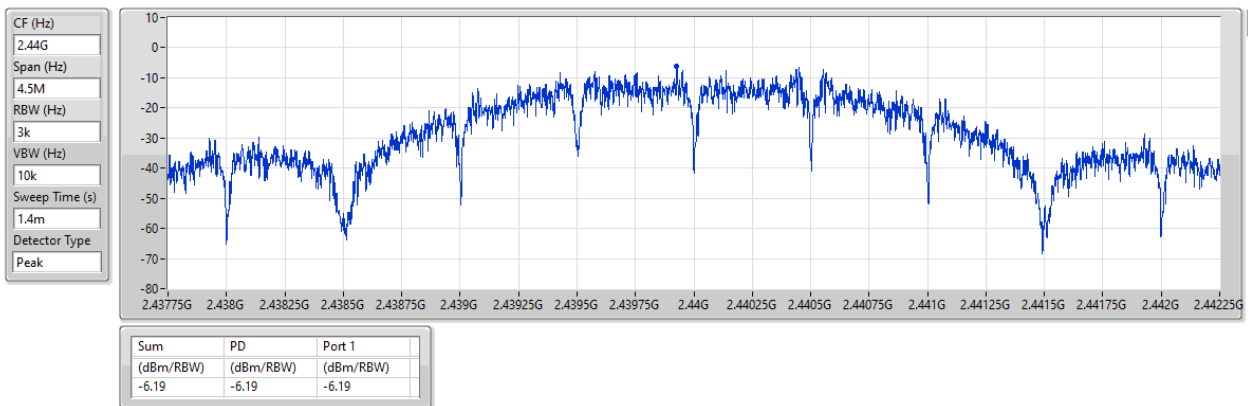


2.4-2.4835GHz_802.15.4

PSD

2440MHz

13/05/2026

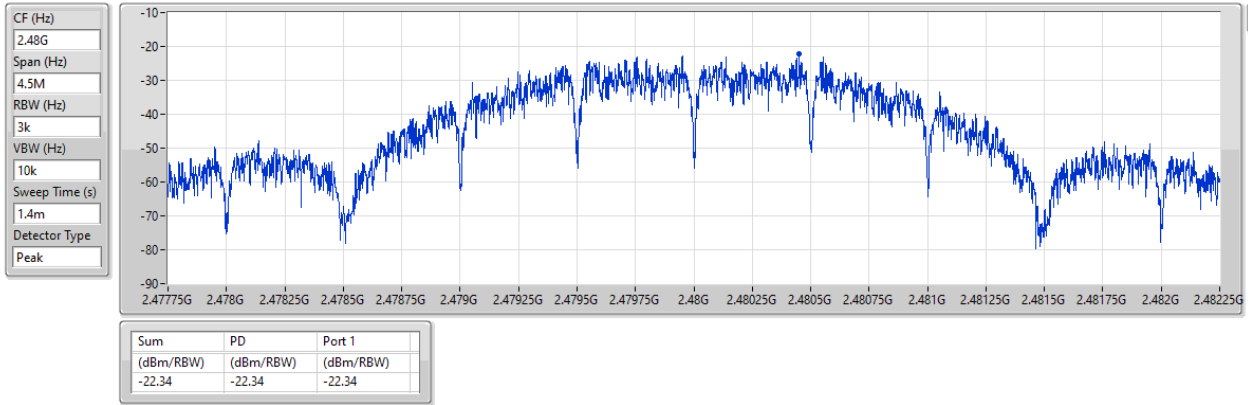


2.4-2.4835GHz_802.15.4

PSD

2480MHz

13/05/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.15.4	-7.15

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.15.4	-	-	-	-	-
2405MHz	Pass	1.56	-7.32	-7.32	8.00
2440MHz	Pass	1.56	-7.15	-7.15	8.00
2480MHz	Pass	1.56	-23.40	-23.40	8.00

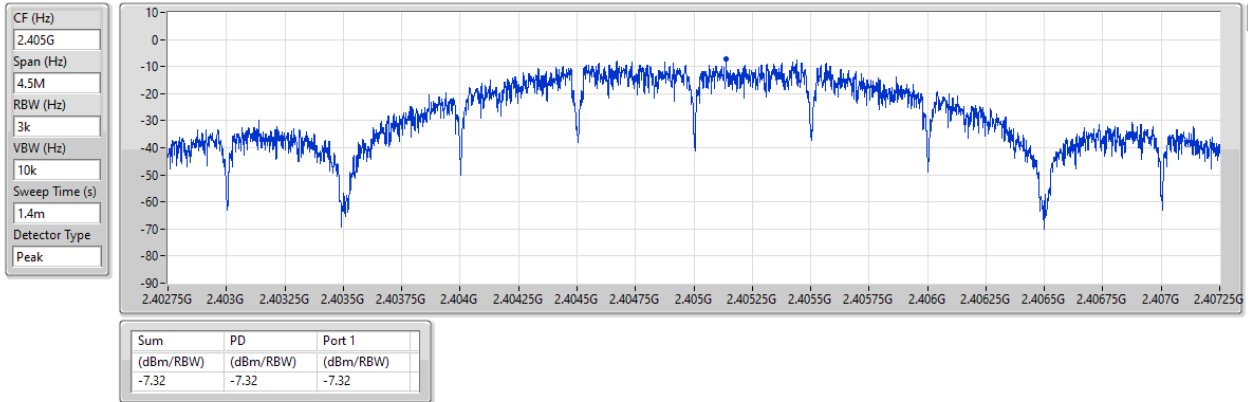
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.15.4

PSD

2405MHz

13/05/2026

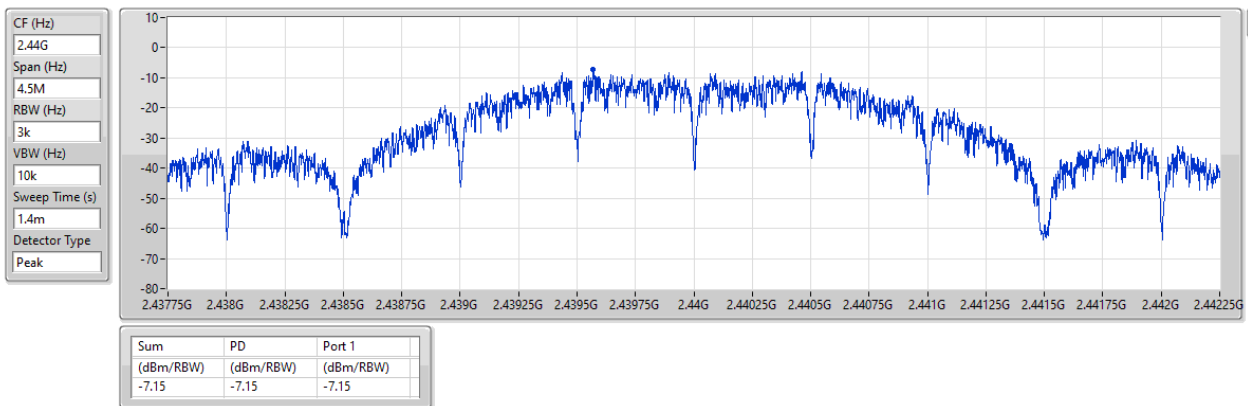


2.4-2.4835GHz_802.15.4

PSD

2440MHz

13/05/2026

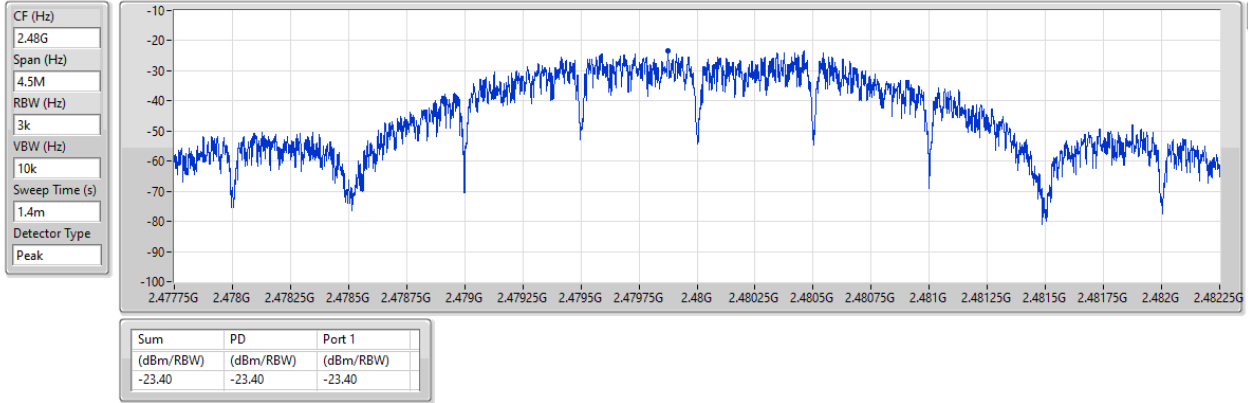


2.4-2.4835GHz_802.15.4

PSD

2480MHz

13/05/2026





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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.15.4	Pass	2.40468G	6.02	-23.98	1.9673G	-54.63	2.39995G	-35.92	2.4G	-35.79	21.46585G	-47.35	1



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.15.4	-	-	-	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	2.40468G	6.02	-23.98	1.9673G	-54.63	2.39995G	-35.92	2.4G	-35.79	21.46585G	-47.35	1
2440MHz	Pass	2.40468G	6.02	-23.98	1.89401G	-55.74	2.3962G	-54.80	2.4G	-57.09	21.92732G	-47.98	1
2480MHz	Pass	2.40468G	6.02	-23.98	2.12214G	-54.73	2.39496G	-54.12	2.4G	-57.05	21.88792G	-47.42	1

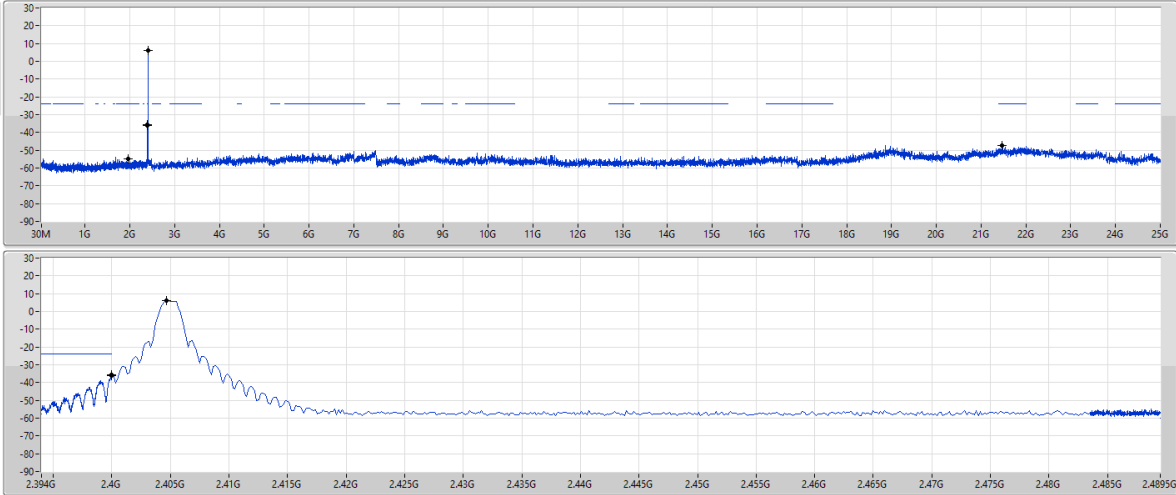
2.4-2.4835GHz_802.15.4

CSEndB

2405MHz

13/05/2026

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



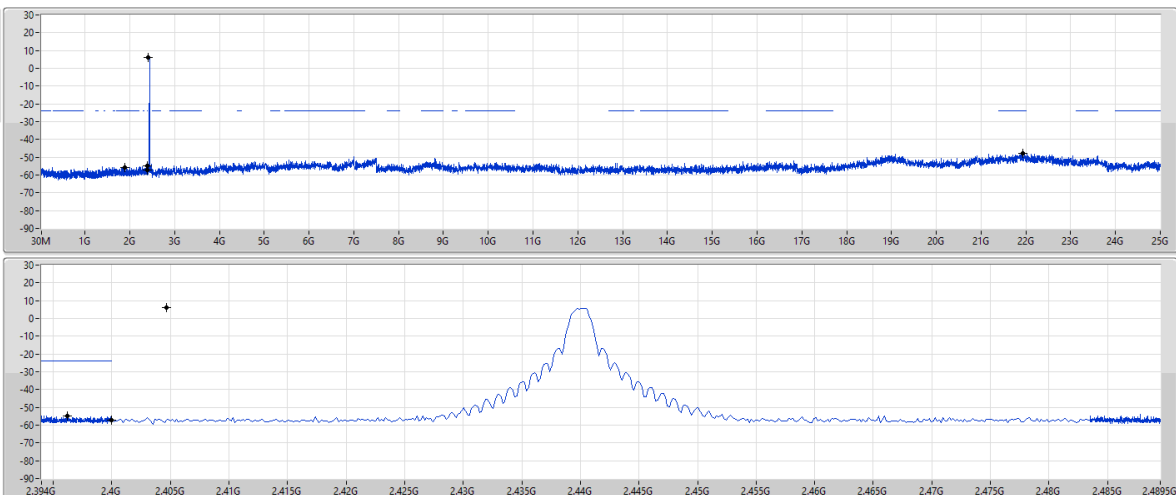
2.4-2.4835GHz_802.15.4

CSEndB

2440MHz

13/05/2026

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



2.4-2.4835GHz_802.15.4

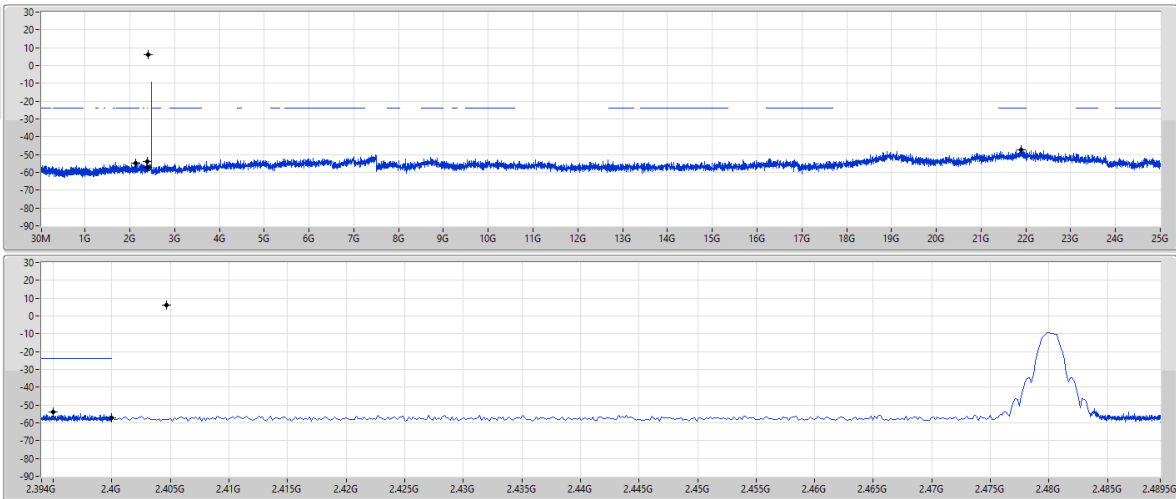
CSEndB

2480MHz

13/05/2026

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40468G	6.02	-23.98	2.12214G	-54.73	2.39496G	-54.12	2.4G	-57.05	2.188792G	-47.42	1



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.15.4	Pass	2.40468G	6.32	-23.68	2.10677G	-55.30	2.39994G	-36.16	2.4G	-35.66	21.94139G	-47.15	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)	Port
802.15.4	-	-	-	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	2.40468G	6.32	-23.68	2.10677G	-55.30	2.39994G	-36.16	2.4G	-35.66	21.94139G	-47.15	1
2440MHz	Pass	2.40468G	6.32	-23.68	1.96966G	-54.84	2.39486G	-54.44	2.4G	-55.73	21.84009G	-46.78	1
2480MHz	Pass	2.40468G	6.32	-23.68	1.79945G	-53.13	2.39461G	-54.43	2.4G	-57.31	21.87948G	-47.93	1

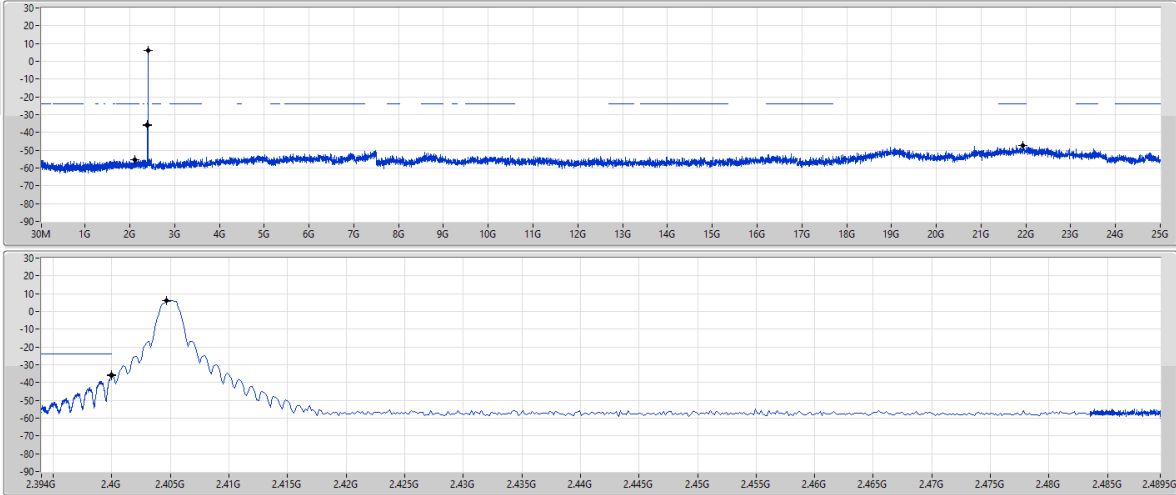
2.4-2.4835GHz_802.15.4

CSEndB

2405MHz

13/05/2026

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)	Port
2.40468G	6.32	-23.68	2.10677G	-55.30	2.39994G	-36.16	2.4G	-35.66	2.194139G	-47.15	1

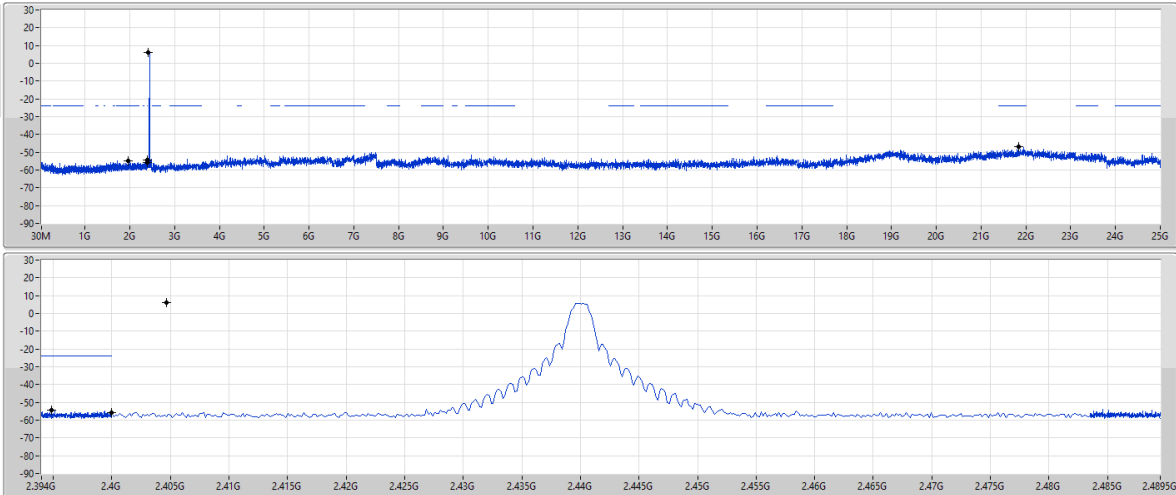
2.4-2.4835GHz_802.15.4

CSEndB

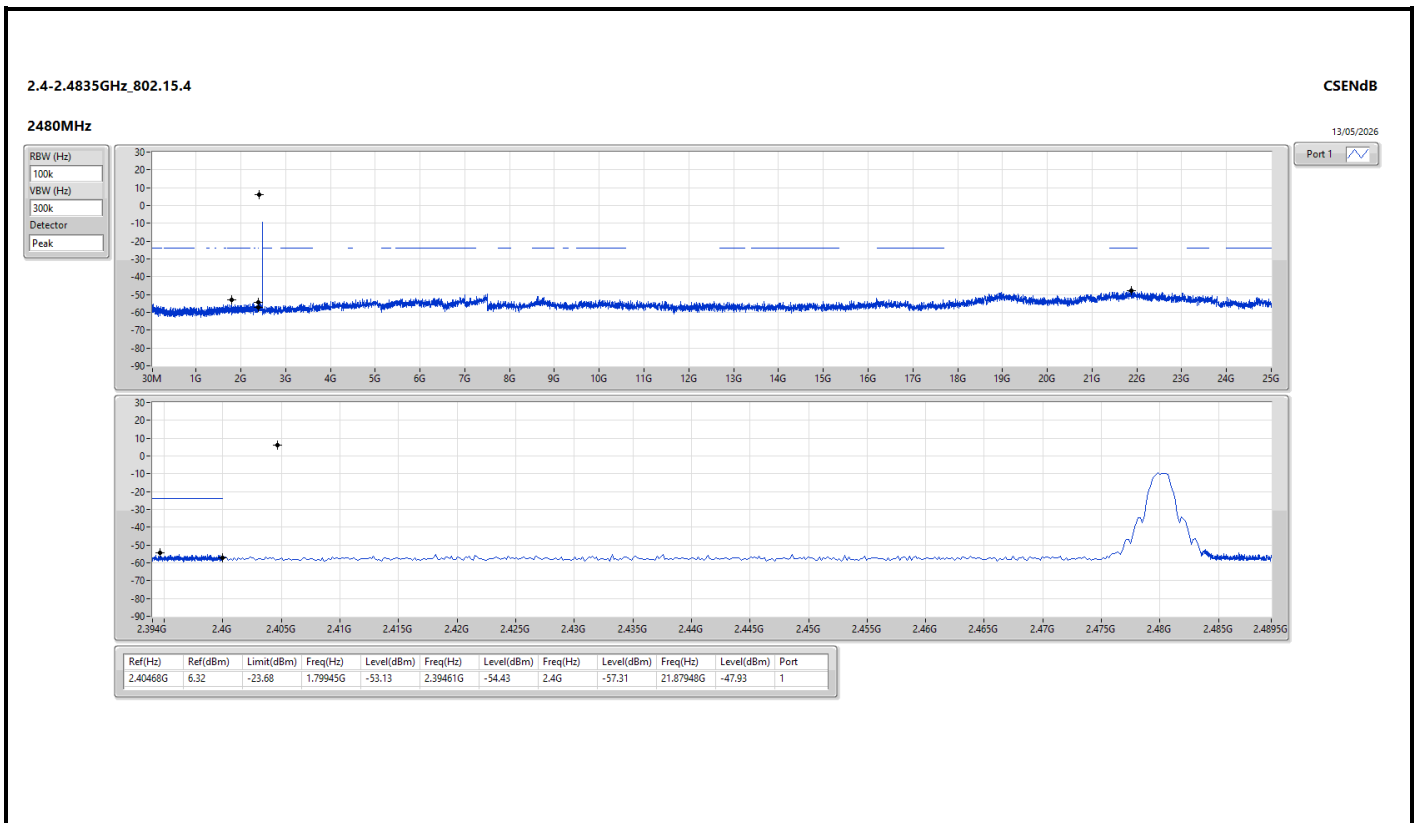
2440MHz

13/05/2026

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)	Port
2.40468G	6.32	-23.68	1.96966G	-54.84	2.39486G	-54.44	2.4G	-55.73	2.184009G	-46.78	1



**Summary**

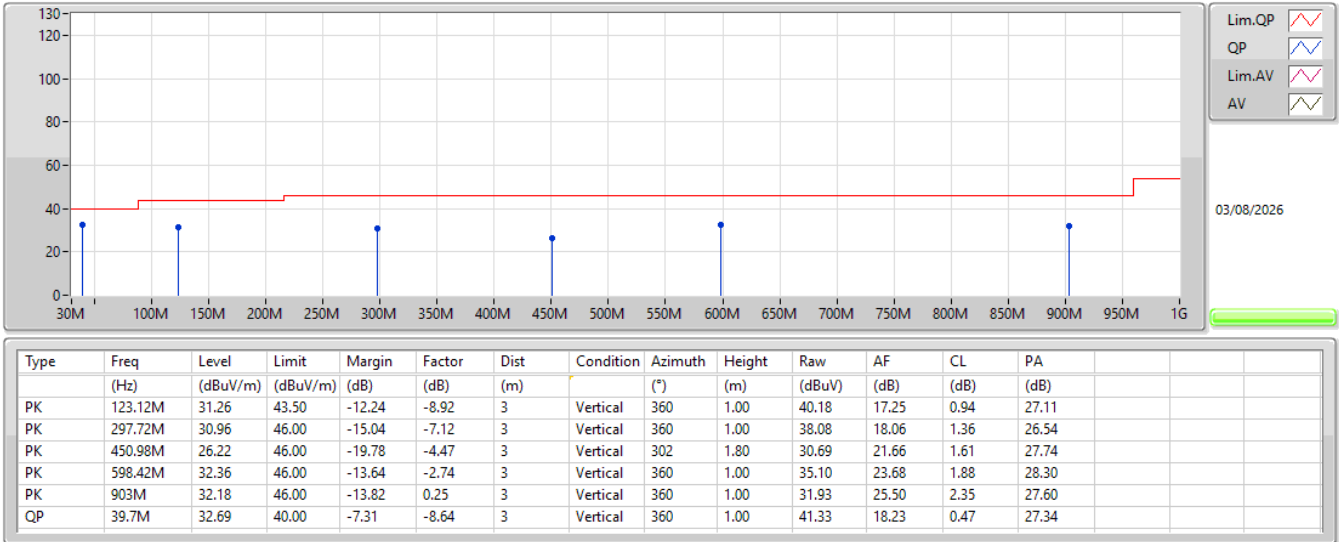
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.15.4_5MHz_Nss1_1TX	Pass	QP	39.7M	32.69	40.00	-7.31	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.15.4_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	123.12M	31.26	43.50	-12.24	3	Vertical	360	1.00
2440MHz	Pass	PK	297.72M	30.96	46.00	-15.04	3	Vertical	360	1.00
2440MHz	Pass	PK	450.98M	26.22	46.00	-19.78	3	Vertical	302	1.80
2440MHz	Pass	PK	598.42M	32.36	46.00	-13.64	3	Vertical	360	1.00
2440MHz	Pass	PK	903M	32.18	46.00	-13.82	3	Vertical	360	1.00
2440MHz	Pass	QP	39.7M	32.69	40.00	-7.31	3	Vertical	360	1.00
2440MHz	Pass	PK	39.7M	27.18	40.00	-12.82	3	Horizontal	0	1.00
2440MHz	Pass	PK	111.48M	32.63	43.50	-10.87	3	Horizontal	0	1.00
2440MHz	Pass	PK	206.54M	29.54	43.50	-13.96	3	Horizontal	0	1.00
2440MHz	Pass	PK	249.22M	32.30	46.00	-13.70	3	Horizontal	0	1.00
2440MHz	Pass	PK	460.68M	31.02	46.00	-14.98	3	Horizontal	0	1.00
2440MHz	Pass	PK	825.4M	37.33	46.00	-8.67	3	Horizontal	0	1.00

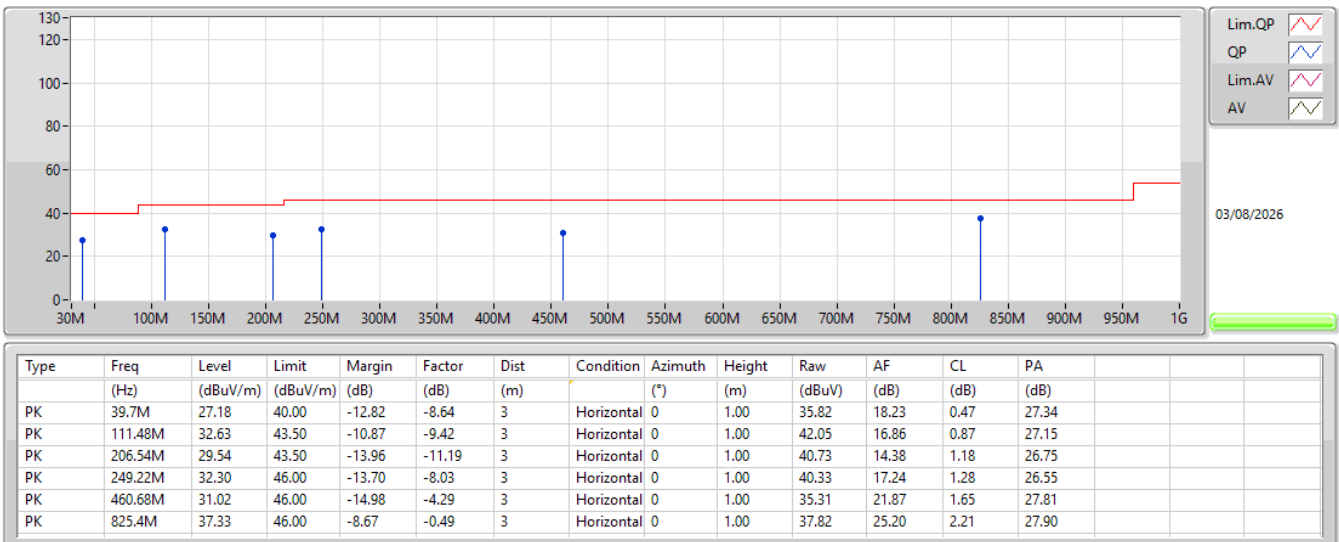
2.4-2.4835GHz_802.15.4_5MHz_Nss1_1TX

2440MHz_Test Fixture



2.4-2.4835GHz_802.15.4_5MHz_Nss1_1TX

2440MHz_Test Fixture





Summary

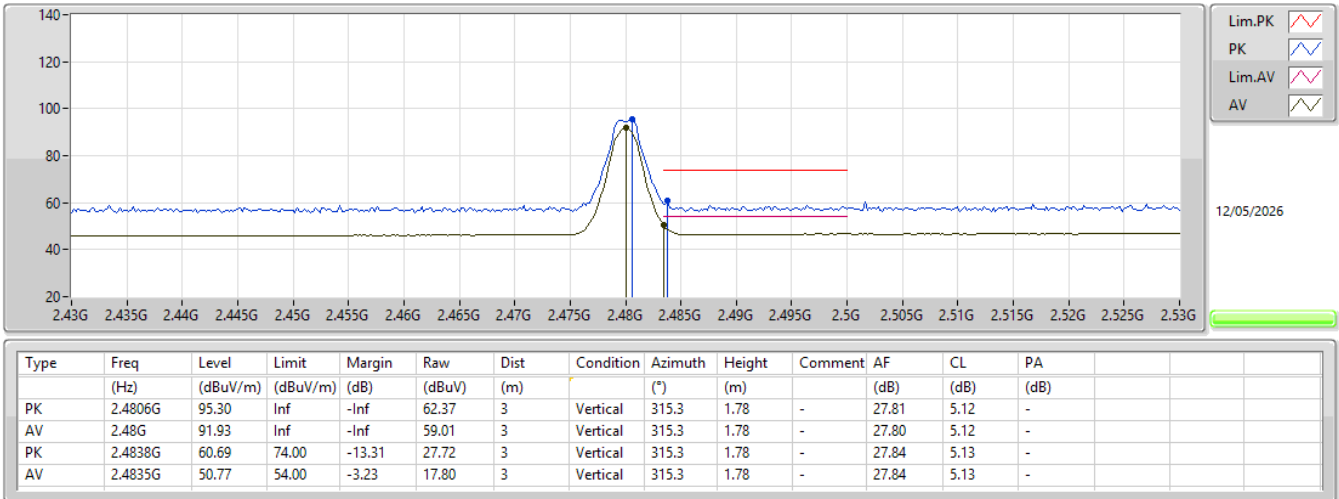
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.15.4	Pass	AV	2.4835G	50.77	54.00	-3.23	3	Vertical	315.3	1.78

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.15.4	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	PK	2.3662G	58.41	74.00	-15.59	3	Vertical	349	1.80
2405MHz	Pass	AV	2.39G	45.97	54.00	-8.03	3	Vertical	349	1.80
2405MHz	Pass	PK	2.4056G	110.98	Inf	-Inf	3	Vertical	349	1.80
2405MHz	Pass	AV	2.405G	107.56	Inf	-Inf	3	Vertical	349	1.80
2405MHz	Pass	PK	2.3702G	58.40	74.00	-15.60	3	Horizontal	292	1.80
2405MHz	Pass	AV	2.3888G	45.87	54.00	-8.13	3	Horizontal	292	1.80
2405MHz	Pass	PK	2.4056G	103.24	Inf	-Inf	3	Horizontal	292	1.80
2405MHz	Pass	AV	2.405G	99.79	Inf	-Inf	3	Horizontal	292	1.80
2405MHz	Pass	PK	4.8109G	47.79	74.00	-26.21	3	Vertical	258	1.39
2405MHz	Pass	AV	4.80901G	35.89	54.00	-18.11	3	Vertical	258	1.39
2405MHz	Pass	PK	4.80841G	48.00	74.00	-26.00	3	Horizontal	43	1.04
2405MHz	Pass	AV	4.80896G	35.86	54.00	-18.14	3	Horizontal	43	1.04
2440MHz	Pass	PK	2.348G	58.06	74.00	-15.94	3	Vertical	319	1.80
2440MHz	Pass	AV	2.3892G	45.79	54.00	-8.21	3	Vertical	319	1.80
2440MHz	Pass	PK	2.4396G	110.54	Inf	-Inf	3	Vertical	319	1.80
2440MHz	Pass	AV	2.44G	107.18	Inf	-Inf	3	Vertical	319	1.80
2440MHz	Pass	PK	2.4972G	59.32	74.00	-14.68	3	Vertical	319	1.80
2440MHz	Pass	AV	2.4972G	46.73	54.00	-7.27	3	Vertical	319	1.80
2440MHz	Pass	PK	2.3892G	58.53	74.00	-15.47	3	Horizontal	294	1.93
2440MHz	Pass	AV	2.3856G	45.71	54.00	-8.29	3	Horizontal	294	1.93
2440MHz	Pass	PK	2.4404G	103.36	Inf	-Inf	3	Horizontal	294	1.93
2440MHz	Pass	AV	2.44G	99.99	Inf	-Inf	3	Horizontal	294	1.93
2440MHz	Pass	PK	2.4992G	58.49	74.00	-15.51	3	Horizontal	294	1.93
2440MHz	Pass	AV	2.4996G	46.69	54.00	-7.31	3	Horizontal	294	1.93
2440MHz	Pass	PK	4.8809G	50.02	74.00	-23.98	3	Vertical	224	1.80
2440MHz	Pass	AV	4.88096G	37.60	54.00	-16.40	3	Vertical	224	1.80
2440MHz	Pass	PK	7.32142G	52.94	74.00	-21.06	3	Vertical	309	1.80
2440MHz	Pass	AV	7.32156G	40.37	54.00	-13.63	3	Vertical	309	1.80
2440MHz	Pass	PK	4.87885G	49.39	74.00	-24.61	3	Horizontal	48	1.80
2440MHz	Pass	AV	4.88101G	37.21	54.00	-16.79	3	Horizontal	48	1.80
2440MHz	Pass	PK	7.32098G	52.65	74.00	-21.35	3	Horizontal	127	1.54
2440MHz	Pass	AV	7.32147G	40.71	54.00	-13.29	3	Horizontal	127	1.54
2475MHz	Pass	PK	2.4756G	108.17	Inf	-Inf	3	Vertical	278	1.81
2475MHz	Pass	AV	2.475G	104.88	Inf	-Inf	3	Vertical	278	1.81
2475MHz	Pass	PK	2.4942G	61.82	74.00	-12.18	3	Vertical	278	1.81
2475MHz	Pass	AV	2.497G	49.93	54.00	-4.07	3	Vertical	278	1.81
2475MHz	Pass	PK	2.4744G	102.93	Inf	-Inf	3	Horizontal	306	1.54
2475MHz	Pass	AV	2.475G	99.69	Inf	-Inf	3	Horizontal	306	1.54
2475MHz	Pass	PK	2.4892G	61.76	74.00	-12.24	3	Horizontal	306	1.54
2475MHz	Pass	AV	2.4868G	49.83	54.00	-4.17	3	Horizontal	306	1.54
2480MHz	Pass	PK	2.4806G	95.30	Inf	-Inf	3	Vertical	315.3	1.78
2480MHz	Pass	AV	2.48G	91.93	Inf	-Inf	3	Vertical	315.3	1.78
2480MHz	Pass	PK	2.4838G	60.69	74.00	-13.31	3	Vertical	315.3	1.78
2480MHz	Pass	AV	2.4835G	50.77	54.00	-3.23	3	Vertical	315.3	1.78
2480MHz	Pass	PK	2.4804G	88.65	Inf	-Inf	3	Horizontal	293.5	1.84
2480MHz	Pass	AV	2.48G	85.22	Inf	-Inf	3	Horizontal	293.5	1.84
2480MHz	Pass	PK	2.495G	60.01	74.00	-13.99	3	Horizontal	293.5	1.84
2480MHz	Pass	AV	2.4835G	47.57	54.00	-6.43	3	Horizontal	293.5	1.84
2480MHz	Pass	PK	4.9596G	47.21	74.00	-26.79	3	Vertical	190	1.02
2480MHz	Pass	AV	4.96143G	34.92	54.00	-19.08	3	Vertical	190	1.02
2480MHz	Pass	PK	7.44043G	53.25	74.00	-20.75	3	Vertical	238	2.26
2480MHz	Pass	AV	7.4376G	40.36	54.00	-13.64	3	Vertical	238	2.26
2480MHz	Pass	PK	4.96027G	47.54	74.00	-26.46	3	Horizontal	301	1.07
2480MHz	Pass	AV	4.96057G	34.85	54.00	-19.15	3	Horizontal	301	1.07
2480MHz	Pass	PK	7.43859G	53.28	74.00	-20.72	3	Horizontal	263	1.80
2480MHz	Pass	AV	7.43756G	40.30	54.00	-13.70	3	Horizontal	263	1.80

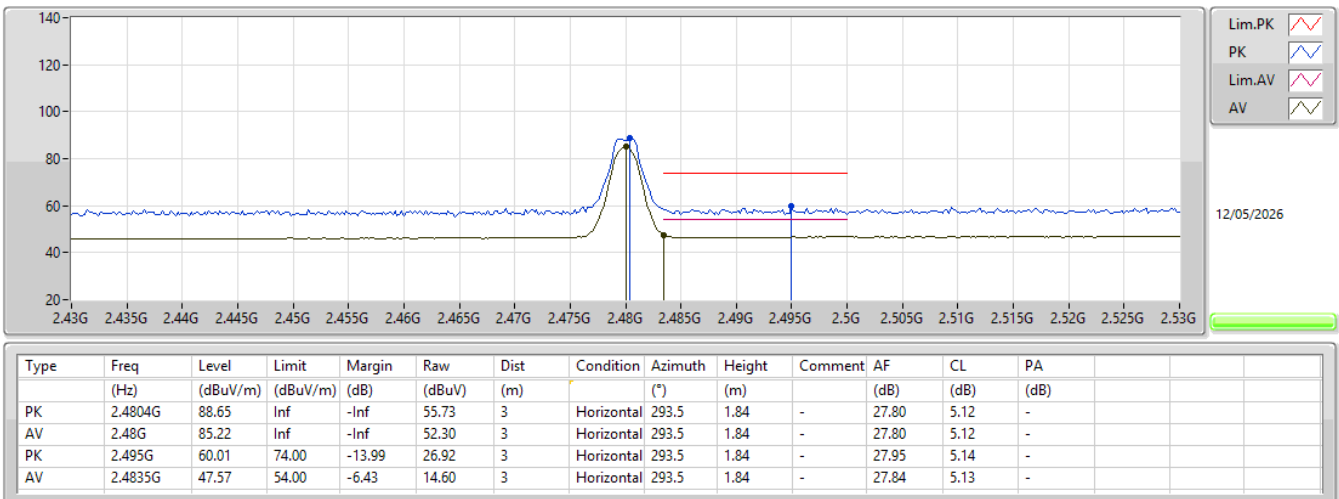
2.4-2.4835GHz_802.15.4

2480MHz_TX



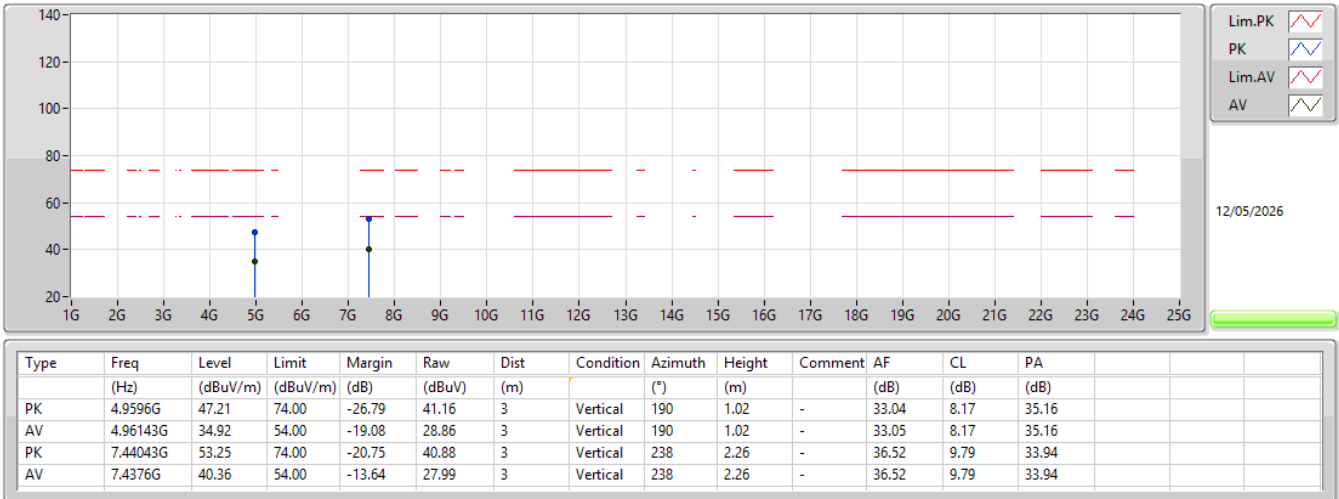
2.4-2.4835GHz_802.15.4

2480MHz_TX



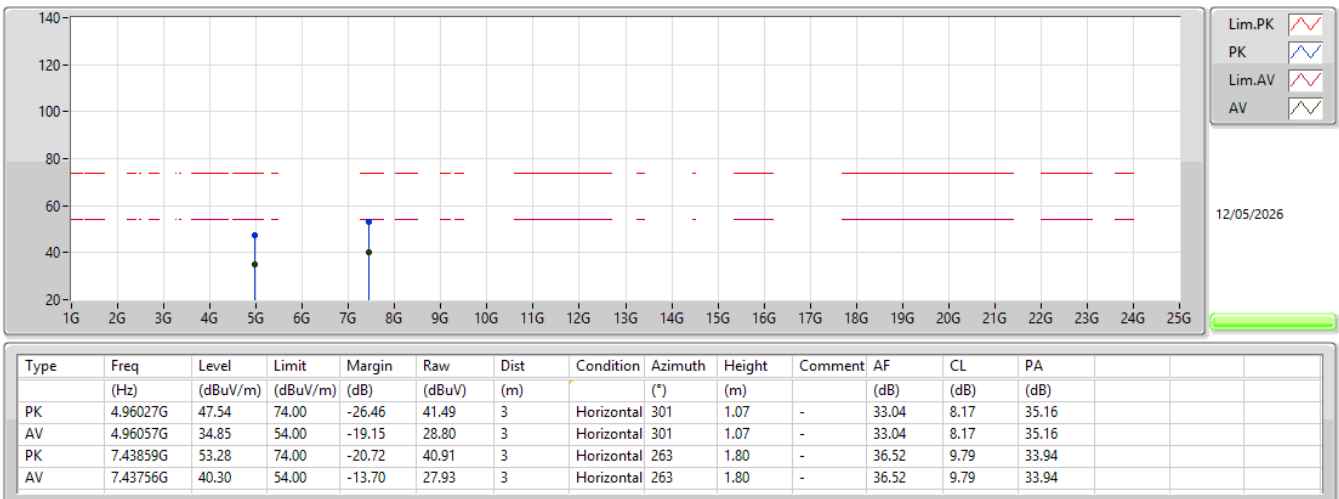
2.4-2.4835GHz_802.15.4

2480MHz_TX



2.4-2.4835GHz_802.15.4

2480MHz_TX





Summary

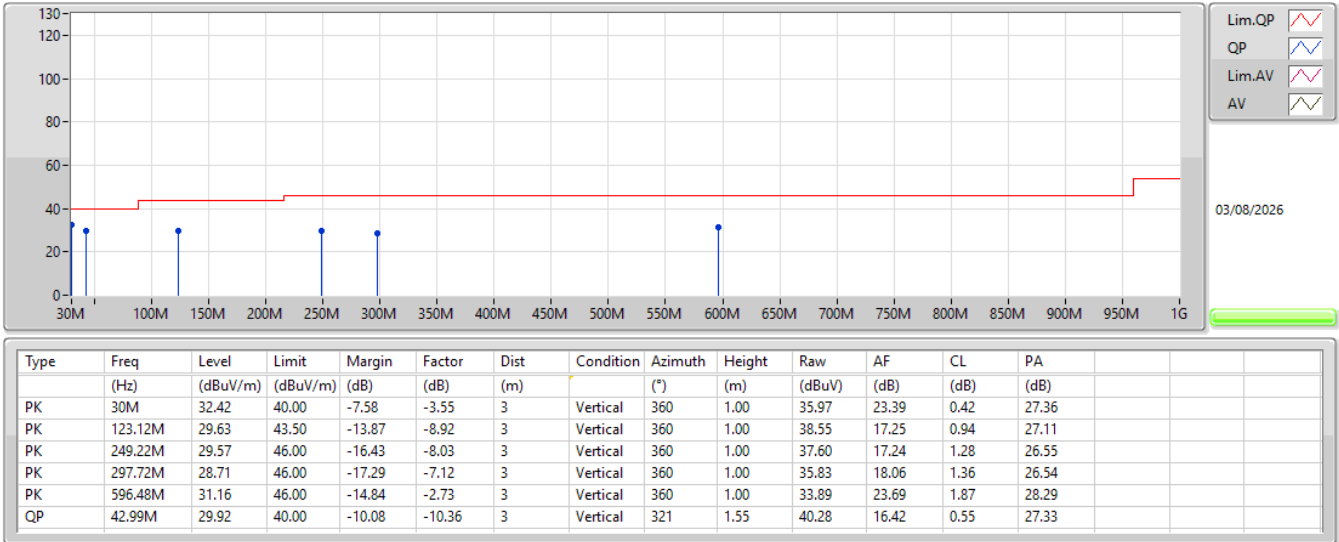
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.15.4_5MHz_Nss1_1TX	Pass	PK	41.64M	34.31	40.00	-5.69	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.15.4_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	32.42	40.00	-7.58	3	Vertical	360	1.00
2440MHz	Pass	PK	123.12M	29.63	43.50	-13.87	3	Vertical	360	1.00
2440MHz	Pass	PK	249.22M	29.57	46.00	-16.43	3	Vertical	360	1.00
2440MHz	Pass	PK	297.72M	28.71	46.00	-17.29	3	Vertical	360	1.00
2440MHz	Pass	PK	596.48M	31.16	46.00	-14.84	3	Vertical	360	1.00
2440MHz	Pass	QP	42.99M	29.92	40.00	-10.08	3	Vertical	321	1.55
2440MHz	Pass	PK	41.64M	34.31	40.00	-5.69	3	Horizontal	0	1.00
2440MHz	Pass	PK	111.48M	33.34	43.50	-10.16	3	Horizontal	0	1.00
2440MHz	Pass	PK	146.4M	32.92	43.50	-10.58	3	Horizontal	0	1.00
2440MHz	Pass	PK	249.22M	33.40	46.00	-12.60	3	Horizontal	0	1.00
2440MHz	Pass	PK	485.9M	33.60	46.00	-12.40	3	Horizontal	0	1.00
2440MHz	Pass	PK	825.4M	36.92	46.00	-9.08	3	Horizontal	0	1.00

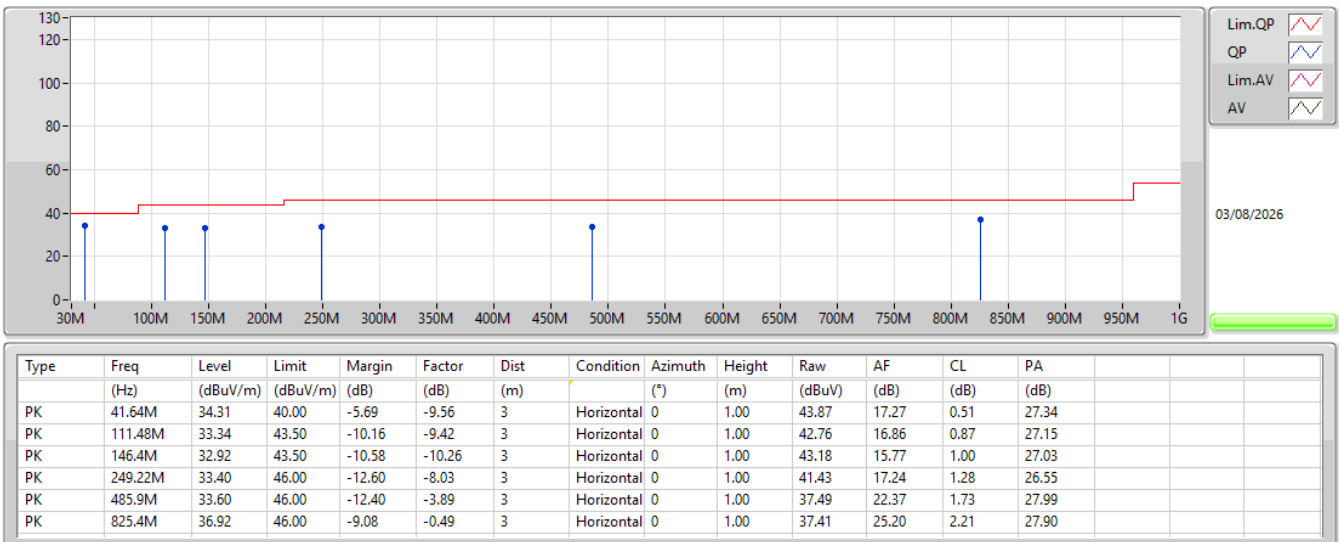
2.4-2.4835GHz_802.15.4_5MHz_Nss1_1TX

2440MHz_Test Fixture



2.4-2.4835GHz_802.15.4_5MHz_Nss1_1TX

2440MHz_Test Fixture



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.15.4	Pass	AV	2.4835G	44.07	54.00	-9.93	3	Horizontal	152	2.52

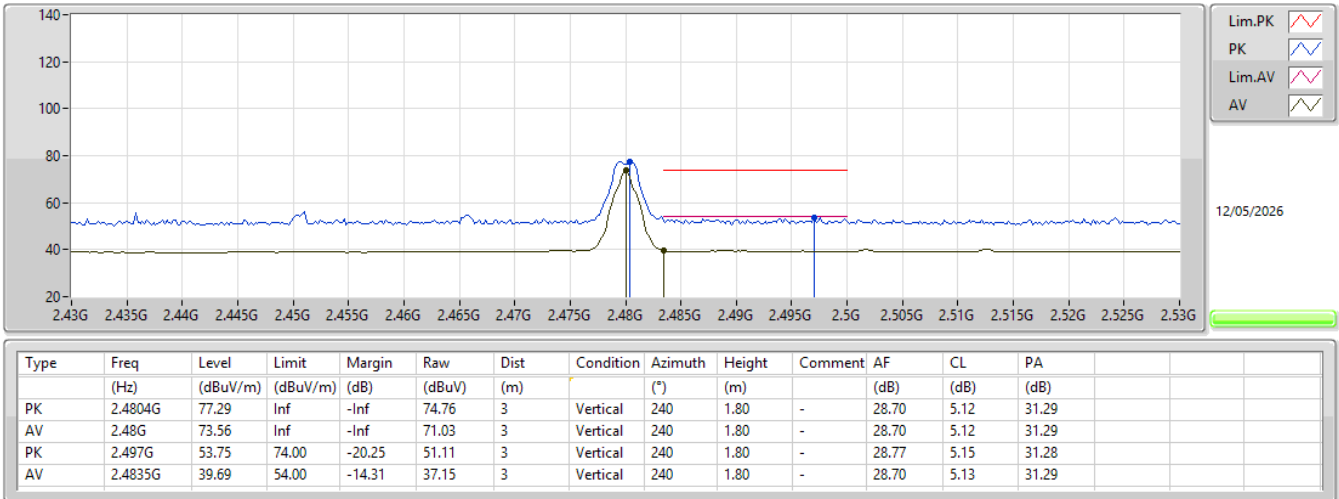


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.15.4	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	PK	2.3552G	53.44	74.00	-20.56	3	Vertical	330	2.97
2405MHz	Pass	AV	2.384G	39.21	54.00	-14.79	3	Vertical	330	2.97
2405MHz	Pass	PK	2.4056G	97.60	Inf	-Inf	3	Vertical	330	2.97
2405MHz	Pass	AV	2.405G	94.13	Inf	-Inf	3	Vertical	330	2.97
2405MHz	Pass	PK	2.3898G	53.47	74.00	-20.53	3	Horizontal	356	2.78
2405MHz	Pass	AV	2.387G	39.24	54.00	-14.76	3	Horizontal	356	2.78
2405MHz	Pass	PK	2.4054G	106.57	Inf	-Inf	3	Horizontal	356	2.78
2405MHz	Pass	AV	2.405G	103.11	Inf	-Inf	3	Horizontal	356	2.78
2405MHz	Pass	PK	4.82446G	48.97	74.00	-25.03	3	Vertical	77	1.80
2405MHz	Pass	AV	4.82002G	36.71	54.00	-17.29	3	Vertical	77	1.80
2405MHz	Pass	PK	4.80082G	49.72	74.00	-24.28	3	Horizontal	224	2.59
2405MHz	Pass	AV	4.81102G	35.66	54.00	-18.34	3	Horizontal	224	2.59
2440MHz	Pass	PK	2.3836G	53.33	74.00	-20.67	3	Vertical	348	1.84
2440MHz	Pass	AV	2.3848G	39.18	54.00	-14.82	3	Vertical	348	1.84
2440MHz	Pass	PK	2.4396G	97.00	Inf	-Inf	3	Vertical	348	1.84
2440MHz	Pass	AV	2.44G	93.22	Inf	-Inf	3	Vertical	348	1.84
2440MHz	Pass	PK	2.488G	53.05	74.00	-20.95	3	Vertical	348	1.84
2440MHz	Pass	AV	2.4852G	39.67	54.00	-14.33	3	Vertical	348	1.84
2440MHz	Pass	PK	2.3496G	54.03	74.00	-19.97	3	Horizontal	14	1.78
2440MHz	Pass	AV	2.3748G	39.13	54.00	-14.87	3	Horizontal	14	1.78
2440MHz	Pass	PK	2.4396G	109.03	Inf	-Inf	3	Horizontal	14	1.78
2440MHz	Pass	AV	2.44G	105.37	Inf	-Inf	3	Horizontal	14	1.78
2440MHz	Pass	PK	2.4924G	52.92	74.00	-21.08	3	Horizontal	14	1.78
2440MHz	Pass	AV	2.4848G	39.75	54.00	-14.25	3	Horizontal	14	1.78
2440MHz	Pass	PK	4.8836G	49.09	74.00	-24.91	3	Vertical	15	1.80
2440MHz	Pass	AV	4.87904G	37.04	54.00	-16.96	3	Vertical	15	1.80
2440MHz	Pass	PK	7.30968G	54.24	74.00	-19.76	3	Vertical	15	1.80
2440MHz	Pass	AV	7.30986G	41.66	54.00	-12.34	3	Vertical	15	1.80
2440MHz	Pass	PK	4.86692G	49.48	74.00	-24.52	3	Horizontal	14	2.19
2440MHz	Pass	AV	4.88096G	37.66	54.00	-16.34	3	Horizontal	14	2.19
2440MHz	Pass	PK	7.33464G	54.86	74.00	-19.14	3	Horizontal	355	1.80
2440MHz	Pass	AV	7.30962G	41.66	54.00	-12.34	3	Horizontal	355	1.80
2475MHz	Pass	PK	2.4744G	99.81	Inf	-Inf	3	Vertical	321	1.86
2475MHz	Pass	AV	2.475G	96.42	Inf	-Inf	3	Vertical	321	1.86
2475MHz	Pass	PK	2.4854G	54.83	74.00	-19.17	3	Vertical	321	1.86
2475MHz	Pass	AV	2.491G	43.03	54.00	-10.97	3	Vertical	321	1.86
2475MHz	Pass	PK	2.4744G	110.47	Inf	-Inf	3	Horizontal	-0	1.57
2475MHz	Pass	AV	2.475G	107.15	Inf	-Inf	3	Horizontal	-0	1.57
2475MHz	Pass	PK	2.4918G	55.61	74.00	-18.39	3	Horizontal	-0	1.57
2475MHz	Pass	AV	2.489G	43.01	54.00	-10.99	3	Horizontal	-0	1.57
2480MHz	Pass	PK	2.4804G	77.29	Inf	-Inf	3	Vertical	240	1.80
2480MHz	Pass	AV	2.48G	73.56	Inf	-Inf	3	Vertical	240	1.80
2480MHz	Pass	PK	2.497G	53.75	74.00	-20.25	3	Vertical	240	1.80
2480MHz	Pass	AV	2.4835G	39.69	54.00	-14.31	3	Vertical	240	1.80
2480MHz	Pass	PK	2.4794G	91.63	Inf	-Inf	3	Horizontal	152	2.52
2480MHz	Pass	AV	2.48G	88.29	Inf	-Inf	3	Horizontal	152	2.52
2480MHz	Pass	PK	2.4835G	55.21	74.00	-18.79	3	Horizontal	152	2.52
2480MHz	Pass	AV	2.4835G	44.07	54.00	-9.93	3	Horizontal	152	2.52
2480MHz	Pass	PK	4.96894G	50.20	74.00	-23.80	3	Vertical	108	2.62
2480MHz	Pass	AV	4.96966G	37.21	54.00	-16.79	3	Vertical	108	2.62
2480MHz	Pass	PK	7.4403G	54.49	74.00	-19.51	3	Vertical	290	1.80
2480MHz	Pass	AV	7.45434G	41.82	54.00	-12.18	3	Vertical	290	1.80
2480MHz	Pass	PK	4.9684G	49.12	74.00	-24.88	3	Horizontal	178	1.17
2480MHz	Pass	AV	4.97392G	37.24	54.00	-16.76	3	Horizontal	178	1.17
2480MHz	Pass	PK	7.42842G	54.81	74.00	-19.19	3	Horizontal	200	1.42
2480MHz	Pass	AV	7.42686G	41.73	54.00	-12.27	3	Horizontal	200	1.42

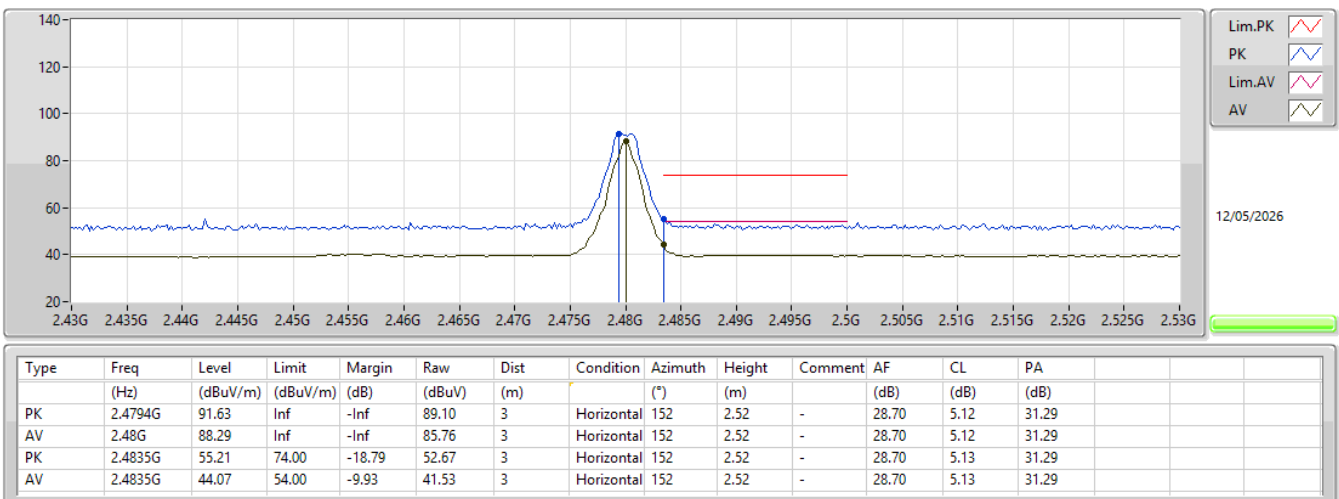
2.4-2.4835GHz_802.15.4

2480MHz_TX



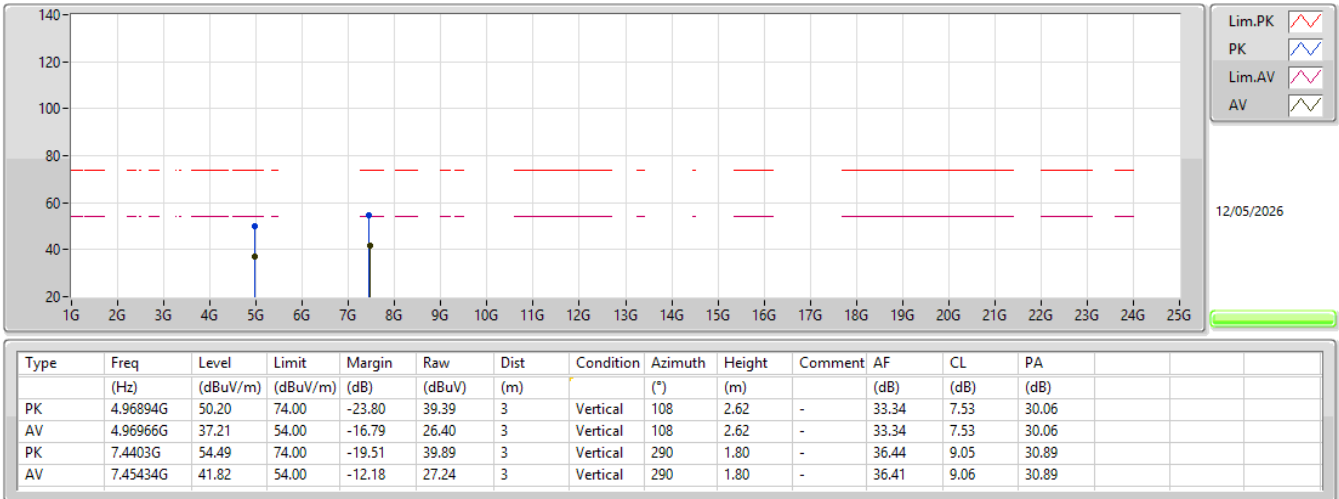
2.4-2.4835GHz_802.15.4

2480MHz_TX



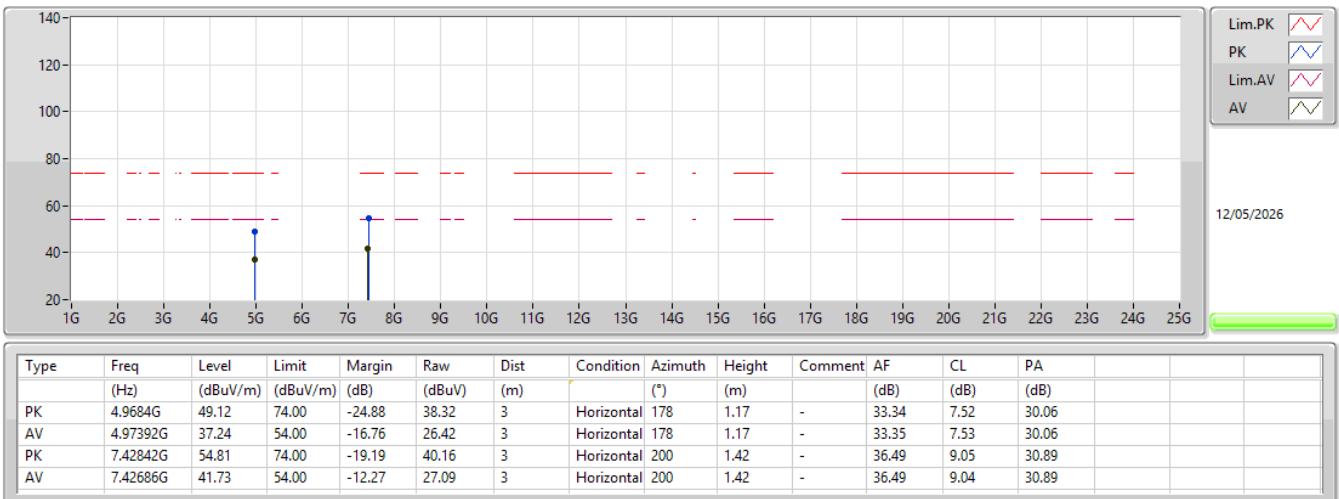
2.4-2.4835GHz_802.15.4

2480MHz_TX



2.4-2.4835GHz_802.15.4

2480MHz_TX





Summary

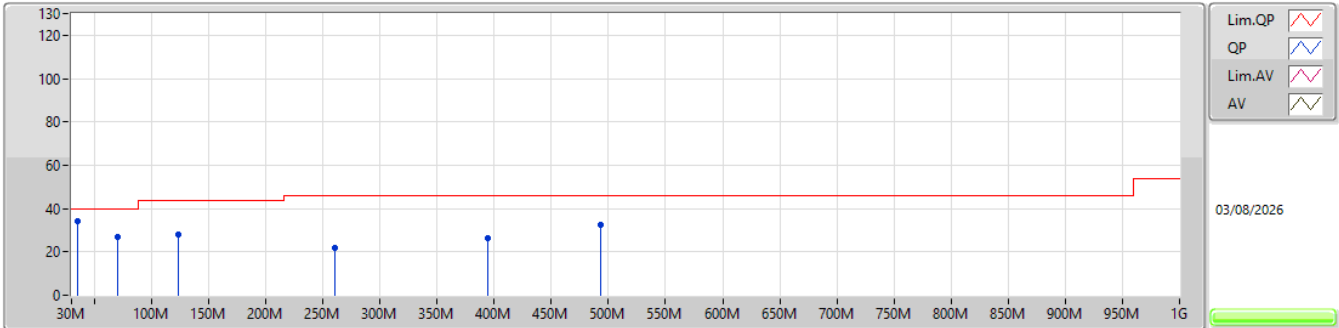
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.15.4_5MHz_Nss1_1TX	Pass	PK	35.82M	34.23	40.00	-5.77	3	Vertical	360	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.15.4_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	35.82M	34.23	40.00	-5.77	3	Vertical	360	1.00
2440MHz	Pass	PK	70.74M	26.88	40.00	-13.12	3	Vertical	360	1.00
2440MHz	Pass	PK	123.12M	27.88	43.50	-15.62	3	Vertical	360	1.00
2440MHz	Pass	PK	260.86M	21.84	46.00	-24.16	3	Vertical	360	1.00
2440MHz	Pass	PK	394.72M	26.60	46.00	-19.40	3	Vertical	360	1.00
2440MHz	Pass	PK	493.66M	32.32	46.00	-13.68	3	Vertical	360	1.00
2440MHz	Pass	PK	35.82M	33.94	40.00	-6.06	3	Horizontal	0	1.00
2440MHz	Pass	PK	123.12M	30.69	43.50	-12.81	3	Horizontal	0	1.00
2440MHz	Pass	PK	357.86M	29.22	46.00	-16.78	3	Horizontal	0	1.00
2440MHz	Pass	PK	489.78M	29.87	46.00	-16.13	3	Horizontal	0	1.00
2440MHz	Pass	PK	623.64M	29.04	46.00	-16.96	3	Horizontal	0	1.00
2440MHz	Pass	PK	707.06M	28.80	46.00	-17.20	3	Horizontal	0	1.00

2.4-2.4835GHz_802.15.4_5MHz_Nss1_1TX

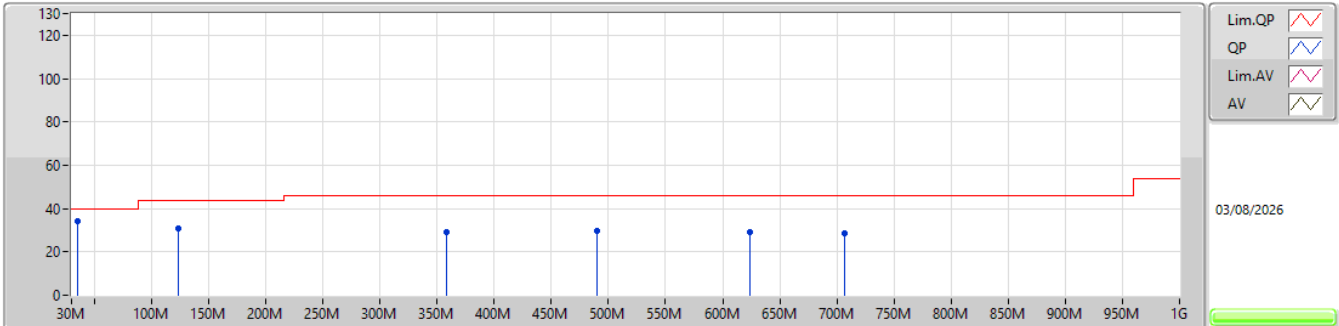
2440MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	35.82M	34.23	40.00	-5.77	-6.54	3	Vertical	360	1.00	40.77	20.32	0.49	27.35				
PK	70.74M	26.88	40.00	-13.12	-15.29	3	Vertical	360	1.00	42.17	11.24	0.74	27.27				
PK	123.12M	27.88	43.50	-15.62	-8.92	3	Vertical	360	1.00	36.80	17.25	0.94	27.11				
PK	260.86M	21.84	46.00	-24.16	-6.71	3	Vertical	360	1.00	28.55	18.54	1.30	26.55				
PK	394.72M	26.60	46.00	-19.40	-5.49	3	Vertical	360	1.00	32.09	20.34	1.53	27.36				
PK	493.66M	32.32	46.00	-13.68	-3.88	3	Vertical	360	1.00	36.20	22.40	1.76	28.04				

2.4-2.4835GHz_802.15.4_5MHz_Nss1_1TX

2440MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	35.82M	33.94	40.00	-6.06	-6.54	3	Horizontal	0	1.00	40.48	20.32	0.49	27.35				
PK	123.12M	30.69	43.50	-12.81	-8.92	3	Horizontal	0	1.00	39.61	17.25	0.94	27.11				
PK	357.86M	29.22	46.00	-16.78	-5.85	3	Horizontal	0	1.00	35.07	19.68	1.48	27.01				
PK	489.78M	29.87	46.00	-16.13	-3.87	3	Horizontal	0	1.00	33.74	22.40	1.75	28.02				
PK	623.64M	29.04	46.00	-16.96	-2.45	3	Horizontal	0	1.00	31.49	23.88	1.92	28.25				
PK	707.06M	28.80	46.00	-17.20	-2.01	3	Horizontal	0	1.00	30.81	24.11	2.05	28.17				



Summary

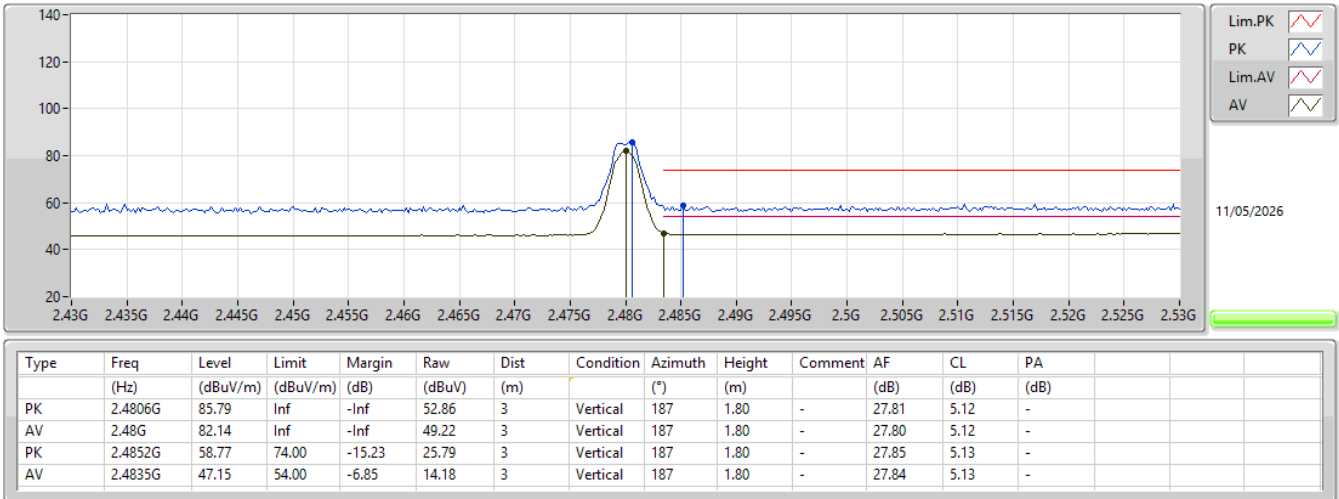
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.15.4	Pass	AV	2.4835G	50.17	54.00	-3.83	3	Horizontal	136	1.63

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.15.4	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	PK	2.3702G	58.33	74.00	-15.67	3	Vertical	62	2.88
2405MHz	Pass	AV	2.3888G	45.60	54.00	-8.40	3	Vertical	62	2.88
2405MHz	Pass	PK	2.4056G	101.11	Inf	-Inf	3	Vertical	62	2.88
2405MHz	Pass	AV	2.405G	97.52	Inf	-Inf	3	Vertical	62	2.88
2405MHz	Pass	PK	2.3762G	57.54	74.00	-16.46	3	Horizontal	298	1.06
2405MHz	Pass	AV	2.3888G	45.60	54.00	-8.40	3	Horizontal	298	1.06
2405MHz	Pass	PK	2.4056G	108.68	Inf	-Inf	3	Horizontal	298	1.06
2405MHz	Pass	AV	2.405G	105.13	Inf	-Inf	3	Horizontal	298	1.06
2405MHz	Pass	PK	4.80998G	48.07	74.00	-25.93	3	Vertical	206	1.02
2405MHz	Pass	AV	4.80758G	34.27	54.00	-19.73	3	Vertical	206	1.02
2405MHz	Pass	PK	4.808G	46.92	74.00	-27.08	3	Horizontal	212	1.09
2405MHz	Pass	AV	4.80844G	34.27	54.00	-19.73	3	Horizontal	212	1.09
2440MHz	Pass	PK	2.388G	58.47	74.00	-15.53	3	Vertical	71	2.74
2440MHz	Pass	AV	2.3856G	45.62	54.00	-8.38	3	Vertical	71	2.74
2440MHz	Pass	PK	2.4396G	89.59	Inf	-Inf	3	Vertical	71	2.74
2440MHz	Pass	AV	2.44G	86.18	Inf	-Inf	3	Vertical	71	2.74
2440MHz	Pass	PK	2.4884G	58.76	74.00	-15.24	3	Vertical	71	2.74
2440MHz	Pass	AV	2.5G	46.65	54.00	-7.35	3	Vertical	71	2.74
2440MHz	Pass	PK	2.3796G	57.73	74.00	-16.27	3	Horizontal	301	1.03
2440MHz	Pass	AV	2.3832G	45.55	54.00	-8.45	3	Horizontal	301	1.03
2440MHz	Pass	PK	2.4396G	95.96	Inf	-Inf	3	Horizontal	301	1.03
2440MHz	Pass	AV	2.44G	92.60	Inf	-Inf	3	Horizontal	301	1.03
2440MHz	Pass	PK	2.4848G	58.71	74.00	-15.29	3	Horizontal	301	1.03
2440MHz	Pass	AV	2.4932G	46.53	54.00	-7.47	3	Horizontal	301	1.03
2440MHz	Pass	PK	4.88172G	47.24	74.00	-26.76	3	Vertical	48	2.96
2440MHz	Pass	AV	4.87898G	34.75	54.00	-19.25	3	Vertical	48	2.96
2440MHz	Pass	PK	7.32142G	52.44	74.00	-21.56	3	Vertical	128	2.57
2440MHz	Pass	AV	7.32472G	41.15	54.00	-12.85	3	Vertical	128	2.57
2440MHz	Pass	PK	4.88448G	47.66	74.00	-26.34	3	Horizontal	181	1.25
2440MHz	Pass	AV	4.88052G	34.73	54.00	-19.27	3	Horizontal	181	1.25
2440MHz	Pass	PK	7.32272G	52.66	74.00	-21.34	3	Horizontal	194	2.42
2440MHz	Pass	AV	7.32466G	40.95	54.00	-13.05	3	Horizontal	194	2.42
2475MHz	Pass	PK	2.4744G	98.13	Inf	-Inf	3	Vertical	58	2.51
2475MHz	Pass	AV	2.475G	93.69	Inf	-Inf	3	Vertical	58	2.51
2475MHz	Pass	PK	2.488G	54.23	74.00	-19.77	3	Vertical	58	2.51
2475MHz	Pass	AV	2.491G	42.75	54.00	-11.25	3	Vertical	58	2.51
2475MHz	Pass	PK	2.4744G	107.46	Inf	-Inf	3	Horizontal	304	1.57
2475MHz	Pass	AV	2.475G	104.43	Inf	-Inf	3	Horizontal	304	1.57
2475MHz	Pass	PK	2.4918G	54.56	74.00	-19.44	3	Horizontal	304	1.57
2475MHz	Pass	AV	2.489G	42.87	54.00	-11.13	3	Horizontal	304	1.57
2480MHz	Pass	PK	2.4806G	85.79	Inf	-Inf	3	Vertical	187	1.80
2480MHz	Pass	AV	2.48G	82.14	Inf	-Inf	3	Vertical	187	1.80
2480MHz	Pass	PK	2.4852G	58.77	74.00	-15.23	3	Vertical	187	1.80
2480MHz	Pass	AV	2.4835G	47.15	54.00	-6.85	3	Vertical	187	1.80
2480MHz	Pass	PK	2.4806G	93.86	Inf	-Inf	3	Horizontal	136	1.63
2480MHz	Pass	AV	2.48G	90.37	Inf	-Inf	3	Horizontal	136	1.63
2480MHz	Pass	PK	2.4835G	59.26	74.00	-14.74	3	Horizontal	136	1.63
2480MHz	Pass	AV	2.4835G	50.17	54.00	-3.83	3	Horizontal	136	1.63
2480MHz	Pass	PK	4.95574G	47.33	74.00	-26.67	3	Vertical	102	1.71
2480MHz	Pass	AV	4.95648G	34.67	54.00	-19.33	3	Vertical	102	1.71
2480MHz	Pass	PK	7.43538G	52.73	74.00	-21.27	3	Vertical	337	2.15
2480MHz	Pass	AV	7.4374G	40.40	54.00	-13.60	3	Vertical	337	2.15
2480MHz	Pass	PK	4.9612G	47.37	74.00	-26.63	3	Horizontal	136	1.21
2480MHz	Pass	AV	4.95748G	34.63	54.00	-19.37	3	Horizontal	136	1.21
2480MHz	Pass	PK	7.43888G	53.01	74.00	-20.99	3	Horizontal	274	2.93
2480MHz	Pass	AV	7.43534G	40.39	54.00	-13.61	3	Horizontal	274	2.93

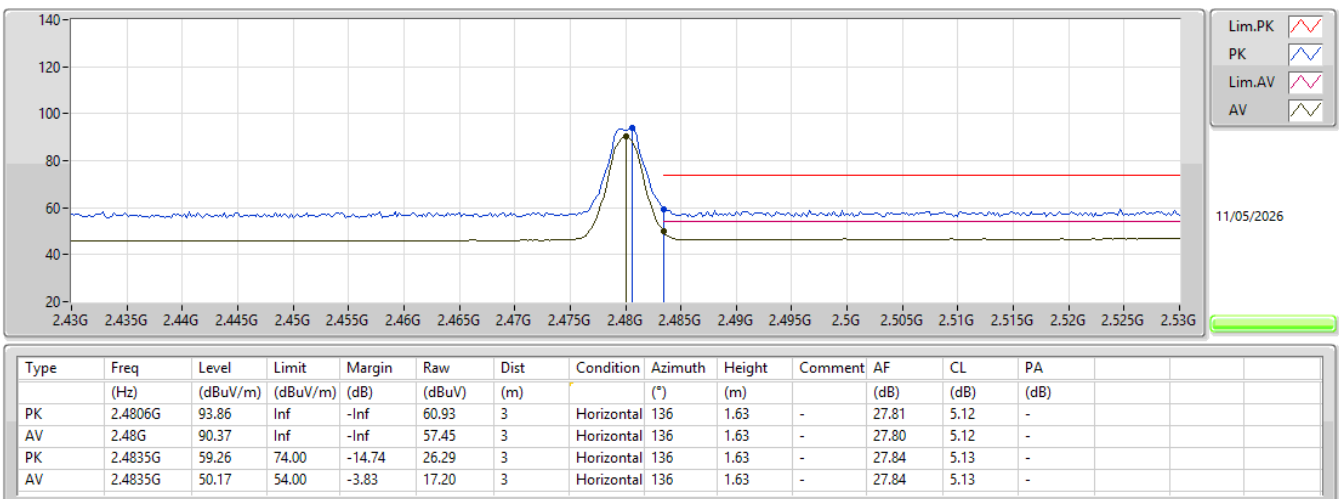
2.4-2.4835GHz_802.15.4

2480MHz_TX



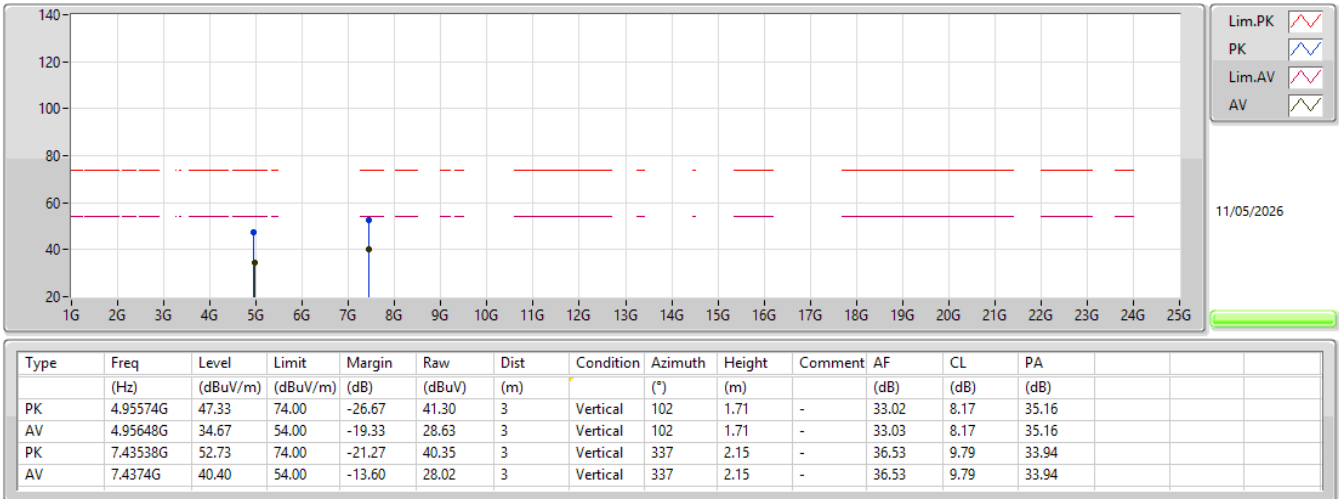
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2480MHz_TX



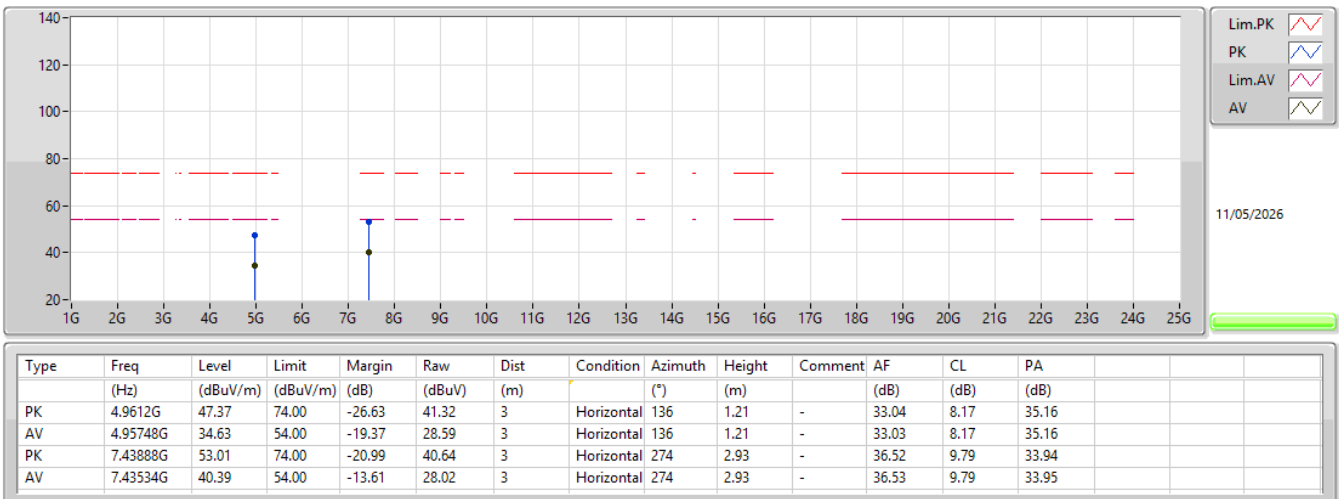
2.4-2.4835GHz_802.15.4

2480MHz_TX



2.4-2.4835GHz_802.15.4

2480MHz_TX





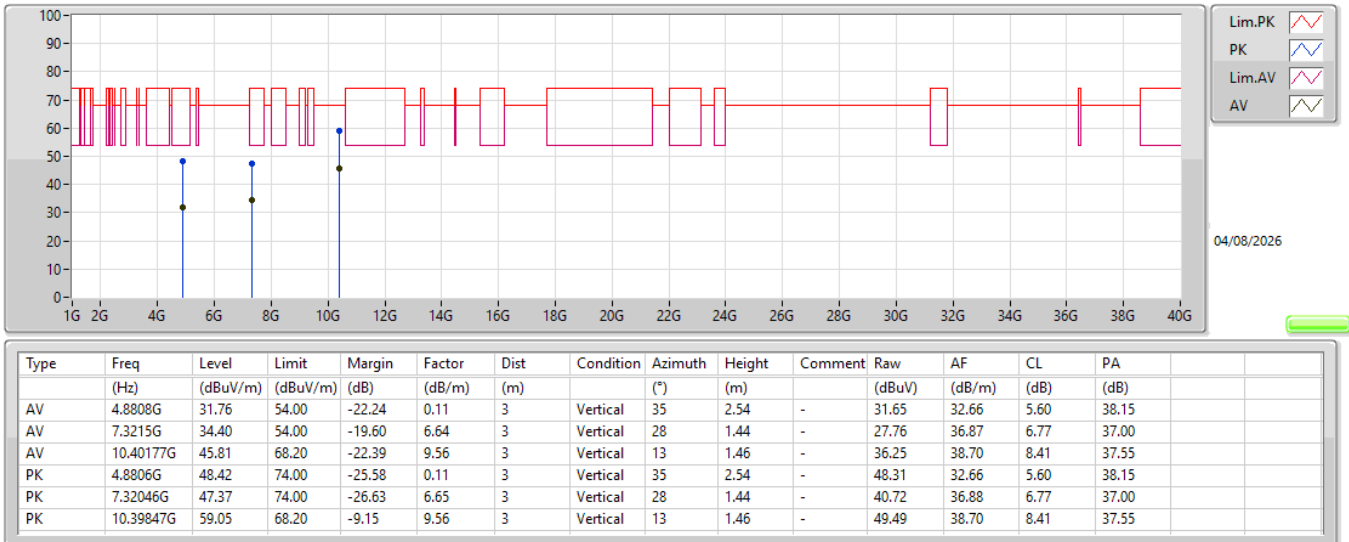
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	10.39823G	59.93	68.20	-8.27	Horizontal
Mode 2	Pass	PK	10.3985G	59.84	68.20	-8.36	Horizontal

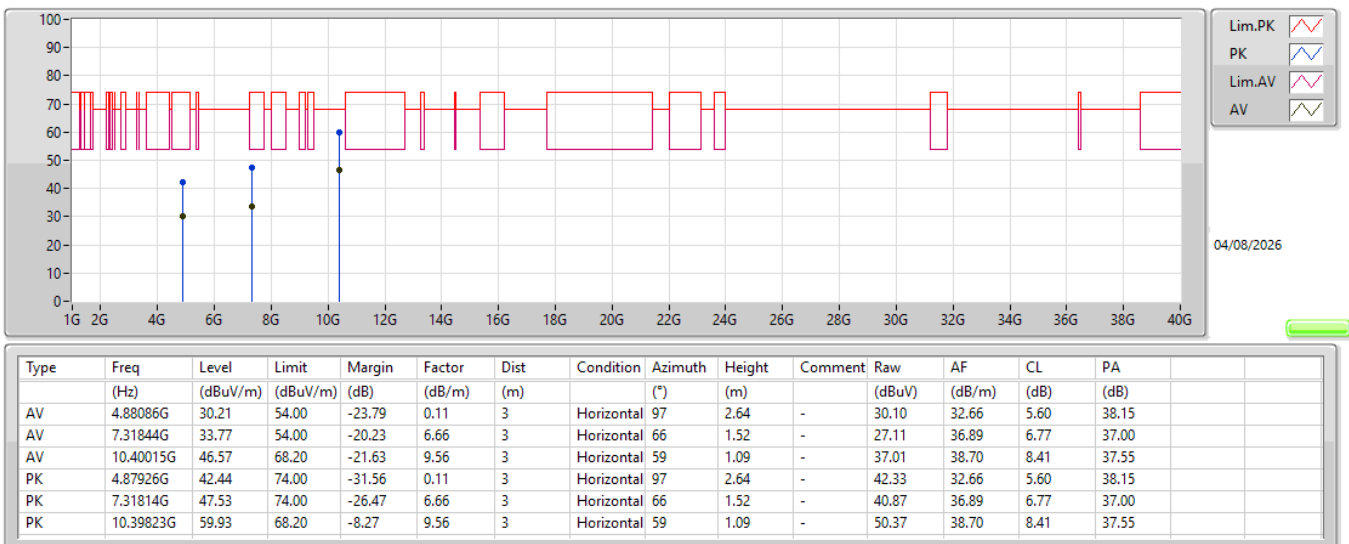
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.8808G	31.76	54.00	-22.24	3	Vertical	35	2.54	-
Mode 1	Pass	AV	7.3215G	34.40	54.00	-19.60	3	Vertical	28	1.44	-
Mode 1	Pass	AV	10.40177G	45.81	68.20	-22.39	3	Vertical	13	1.46	-
Mode 1	Pass	PK	4.8806G	48.42	74.00	-25.58	3	Vertical	35	2.54	-
Mode 1	Pass	PK	7.32046G	47.37	74.00	-26.63	3	Vertical	28	1.44	-
Mode 1	Pass	PK	10.39847G	59.05	68.20	-9.15	3	Vertical	13	1.46	-
Mode 1	Pass	AV	4.88086G	30.21	54.00	-23.79	3	Horizontal	97	2.64	-
Mode 1	Pass	AV	7.31844G	33.77	54.00	-20.23	3	Horizontal	66	1.52	-
Mode 1	Pass	AV	10.40015G	46.57	68.20	-21.63	3	Horizontal	59	1.09	-
Mode 1	Pass	PK	4.87926G	42.44	74.00	-31.56	3	Horizontal	97	2.64	-
Mode 1	Pass	PK	7.31814G	47.53	74.00	-26.47	3	Horizontal	66	1.52	-
Mode 1	Pass	PK	10.39823G	59.93	68.20	-8.27	3	Horizontal	59	1.09	-
Mode 2	Pass	AV	4.8809G	33.46	54.00	-20.54	3	Vertical	3	1.46	-
Mode 2	Pass	AV	7.31858G	34.90	54.00	-19.10	3	Vertical	64	2.78	-
Mode 2	Pass	AV	10.40084G	45.00	68.20	-23.20	3	Vertical	15	1.80	-
Mode 2	Pass	PK	4.88086G	44.51	74.00	-29.49	3	Vertical	3	1.46	-
Mode 2	Pass	PK	7.31604G	47.84	74.00	-26.16	3	Vertical	64	2.78	-
Mode 2	Pass	PK	10.39952G	59.01	68.20	-9.19	3	Vertical	15	1.80	-
Mode 2	Pass	AV	4.88096G	30.25	54.00	-23.75	3	Horizontal	25	2.22	-
Mode 2	Pass	AV	7.31872G	34.10	54.00	-19.90	3	Horizontal	157	1.43	-
Mode 2	Pass	AV	10.40081G	46.67	68.20	-21.53	3	Horizontal	59	1.10	-
Mode 2	Pass	PK	4.88102G	43.25	74.00	-30.75	3	Horizontal	25	2.22	-
Mode 2	Pass	PK	7.31614G	47.31	74.00	-26.69	3	Horizontal	157	1.43	-
Mode 2	Pass	PK	10.3985G	59.84	68.20	-8.36	3	Horizontal	59	1.10	-

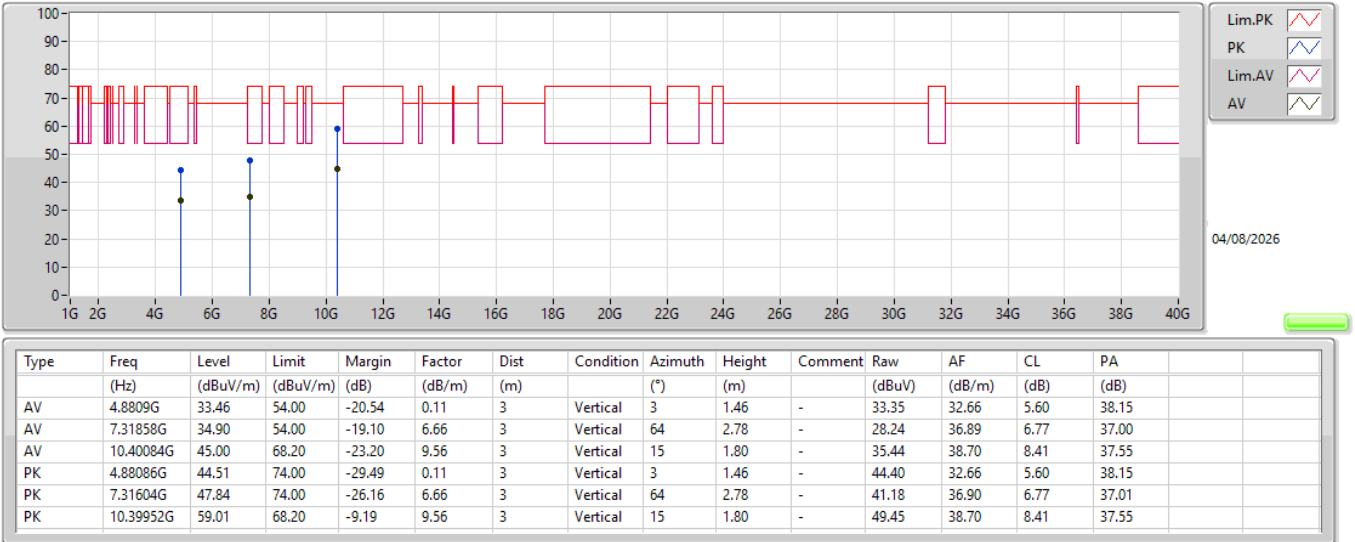
Radiated Emissions above 1GHz_Mode 1



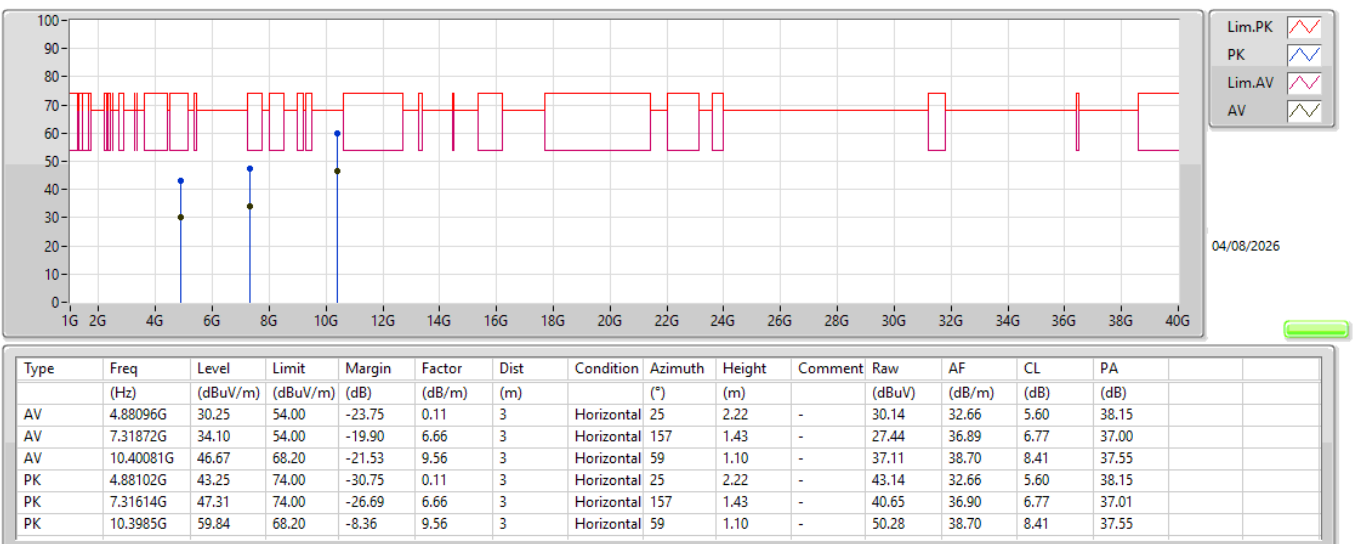
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2





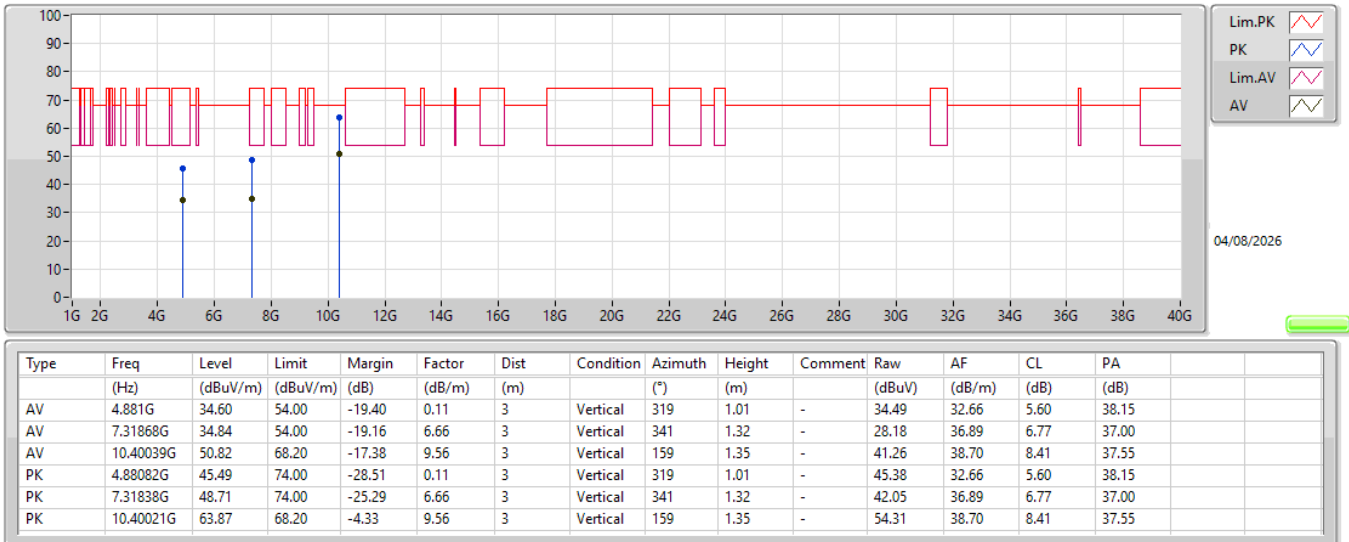
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	10.40021G	63.87	68.20	-4.33	Vertical
Mode 2	Pass	PK	10.39709G	64.14	68.20	-4.06	Vertical

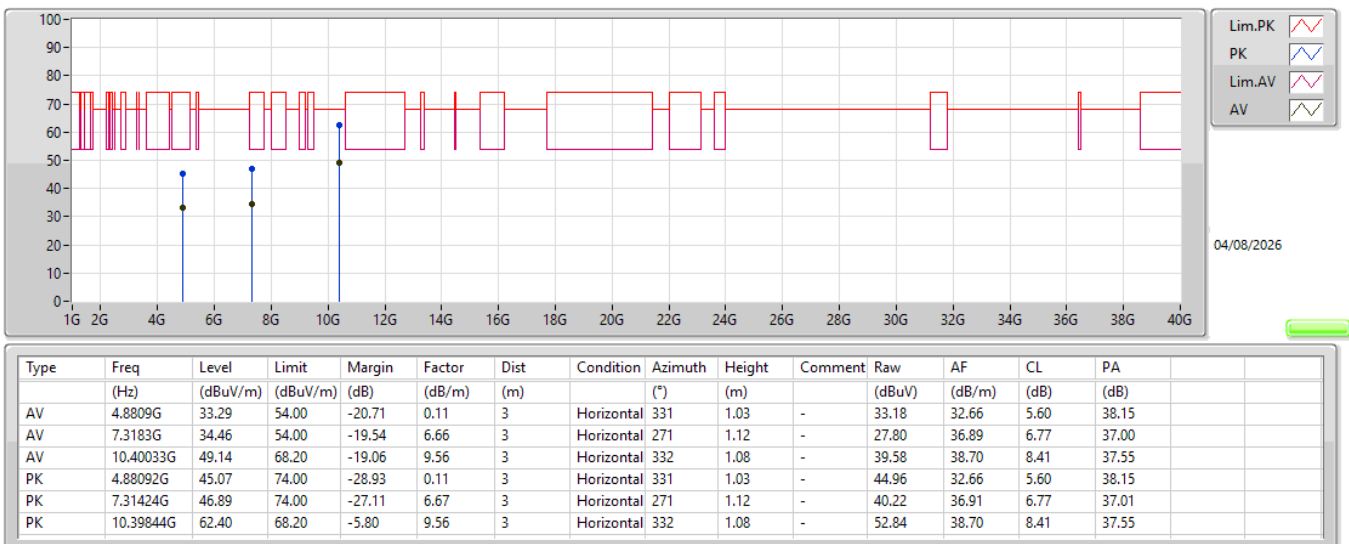
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.881G	34.60	54.00	-19.40	3	Vertical	319	1.01
Mode 1	Pass	AV	7.31868G	34.84	54.00	-19.16	3	Vertical	341	1.32
Mode 1	Pass	AV	10.40039G	50.82	68.20	-17.38	3	Vertical	159	1.35
Mode 1	Pass	PK	4.88082G	45.49	74.00	-28.51	3	Vertical	319	1.01
Mode 1	Pass	PK	7.31838G	48.71	74.00	-25.29	3	Vertical	341	1.32
Mode 1	Pass	PK	10.40021G	63.87	68.20	-4.33	3	Vertical	159	1.35
Mode 1	Pass	AV	4.8809G	33.29	54.00	-20.71	3	Horizontal	331	1.03
Mode 1	Pass	AV	7.3183G	34.46	54.00	-19.54	3	Horizontal	271	1.12
Mode 1	Pass	AV	10.40033G	49.14	68.20	-19.06	3	Horizontal	332	1.08
Mode 1	Pass	PK	4.88092G	45.07	74.00	-28.93	3	Horizontal	331	1.03
Mode 1	Pass	PK	7.31424G	46.89	74.00	-27.11	3	Horizontal	271	1.12
Mode 1	Pass	PK	10.39844G	62.40	68.20	-5.80	3	Horizontal	332	1.08
Mode 2	Pass	AV	4.88096G	34.76	54.00	-19.24	3	Vertical	22	1.48
Mode 2	Pass	AV	7.3184G	34.91	54.00	-19.09	3	Vertical	338	1.75
Mode 2	Pass	AV	10.39967G	50.86	68.20	-17.34	3	Vertical	160	2.05
Mode 2	Pass	PK	4.87912G	46.39	74.00	-27.61	3	Vertical	22	1.48
Mode 2	Pass	PK	7.32174G	47.54	74.00	-26.46	3	Vertical	338	0.00
Mode 2	Pass	PK	10.39709G	64.14	68.20	-4.06	3	Vertical	160	2.05
Mode 2	Pass	AV	4.881G	33.20	54.00	-20.80	3	Horizontal	57	1.57
Mode 2	Pass	AV	7.31842G	34.68	54.00	-19.32	3	Horizontal	97	1.47
Mode 2	Pass	AV	10.40054G	49.13	68.20	-19.07	3	Horizontal	329	1.10
Mode 2	Pass	PK	4.87884G	44.27	74.00	-29.73	3	Horizontal	57	1.57
Mode 2	Pass	PK	7.3202G	47.09	74.00	-26.91	3	Horizontal	97	1.47
Mode 2	Pass	PK	10.39622G	62.48	68.20	-5.72	3	Horizontal	329	1.10

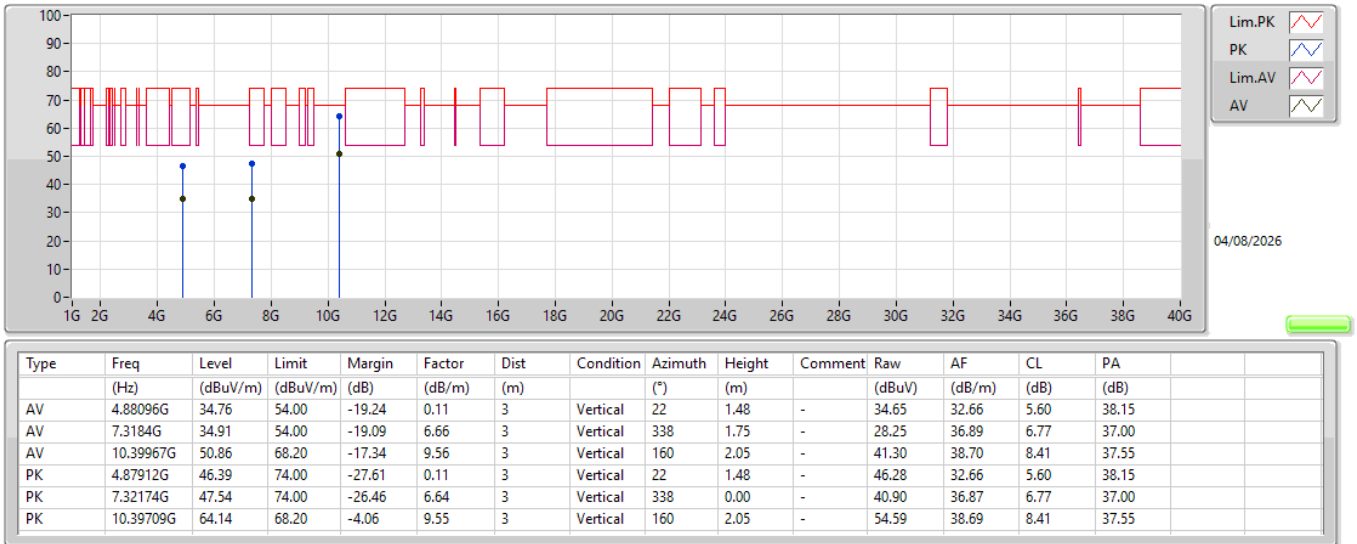
Radiated Emissions above 1GHz_Mode 1



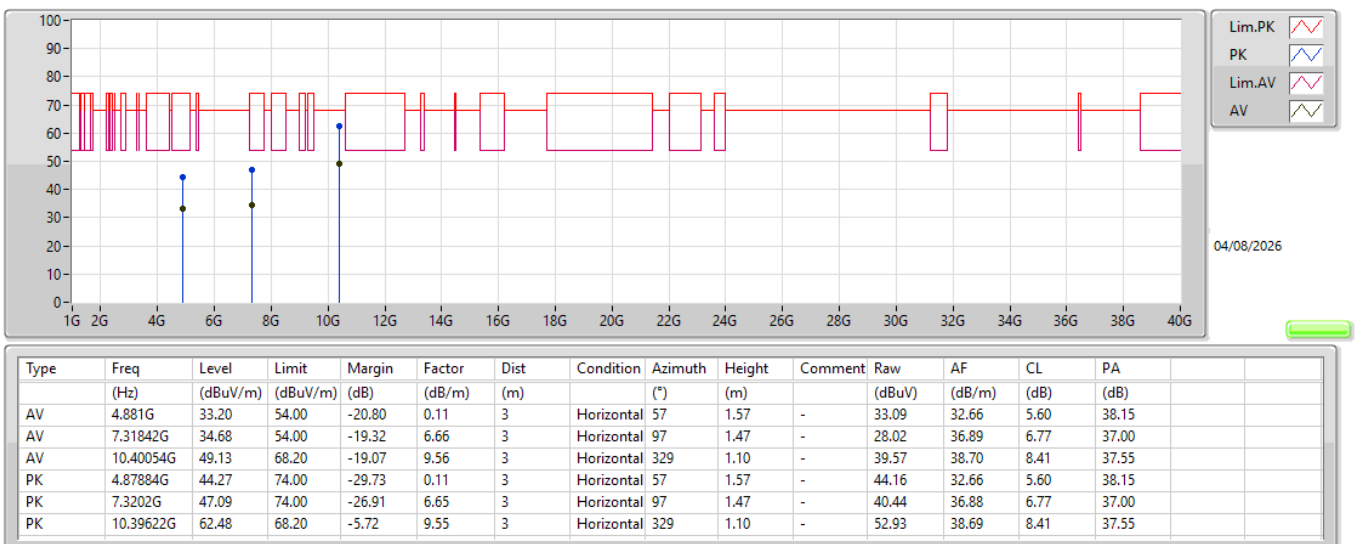
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2





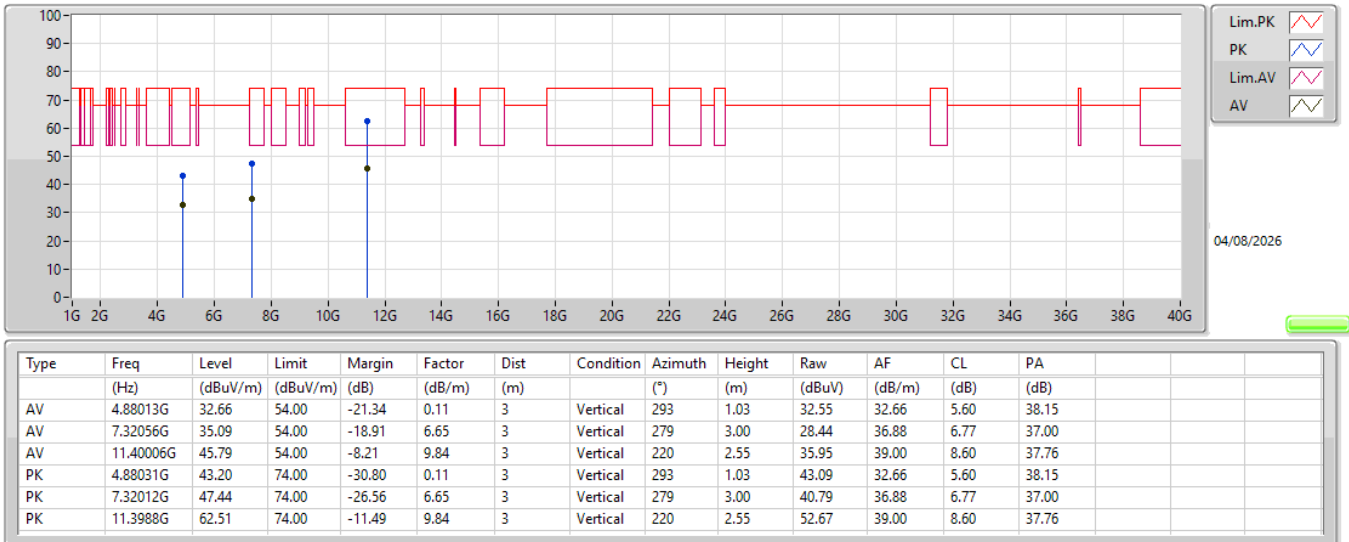
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.40006G	45.79	54.00	-8.21	Vertical
Mode 2	Pass	AV	11.39918G	50.35	54.00	-3.65	Vertical

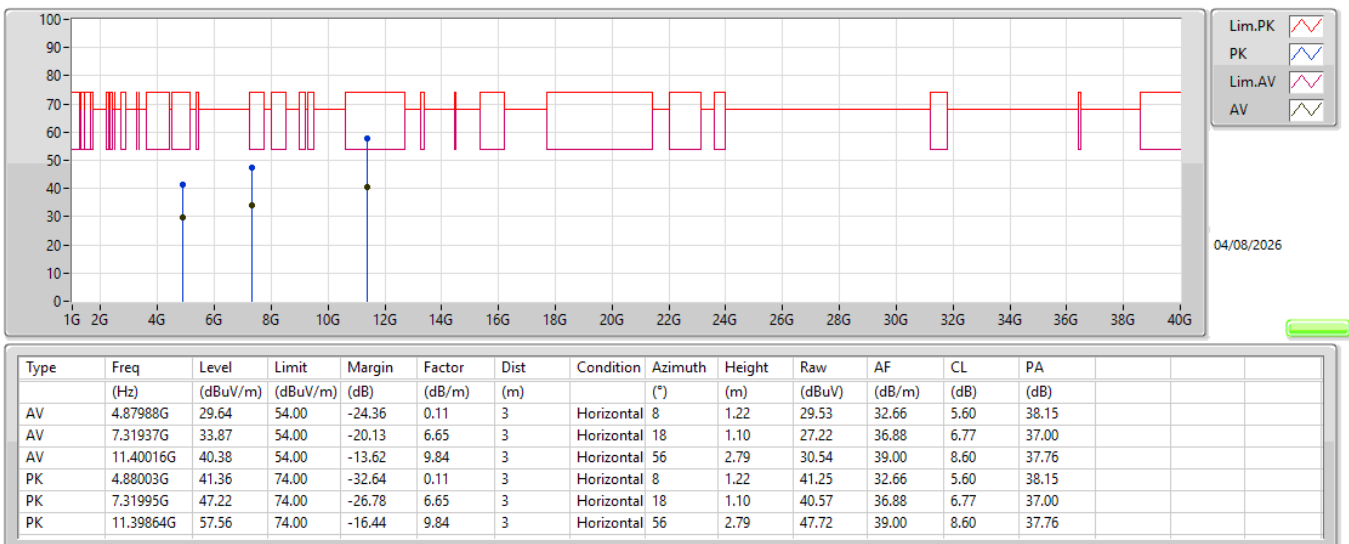
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.88013G	32.66	54.00	-21.34	3	Vertical	293	1.03
Mode 1	Pass	AV	7.32056G	35.09	54.00	-18.91	3	Vertical	279	3.00
Mode 1	Pass	AV	11.40006G	45.79	54.00	-8.21	3	Vertical	220	2.55
Mode 1	Pass	PK	4.88031G	43.20	74.00	-30.80	3	Vertical	293	1.03
Mode 1	Pass	PK	7.32012G	47.44	74.00	-26.56	3	Vertical	279	3.00
Mode 1	Pass	PK	11.3988G	62.51	74.00	-11.49	3	Vertical	220	2.55
Mode 1	Pass	AV	4.87988G	29.64	54.00	-24.36	3	Horizontal	8	1.22
Mode 1	Pass	AV	7.31937G	33.87	54.00	-20.13	3	Horizontal	18	1.10
Mode 1	Pass	AV	11.40016G	40.38	54.00	-13.62	3	Horizontal	56	2.79
Mode 1	Pass	PK	4.88003G	41.36	74.00	-32.64	3	Horizontal	8	1.22
Mode 1	Pass	PK	7.31995G	47.22	74.00	-26.78	3	Horizontal	18	1.10
Mode 1	Pass	PK	11.39864G	57.56	74.00	-16.44	3	Horizontal	56	2.79
Mode 2	Pass	AV	4.88096G	32.29	54.00	-21.71	3	Vertical	284	1.00
Mode 2	Pass	AV	7.31826G	34.35	54.00	-19.65	3	Vertical	266	2.87
Mode 2	Pass	AV	11.39918G	50.35	54.00	-3.65	3	Vertical	204	2.81
Mode 2	Pass	PK	4.88104G	43.87	74.00	-30.13	3	Vertical	284	1.00
Mode 2	Pass	PK	7.31374G	47.43	74.00	-26.57	3	Vertical	266	2.87
Mode 2	Pass	PK	11.3941G	63.56	74.00	-10.44	3	Vertical	204	2.81
Mode 2	Pass	AV	4.87902G	32.07	54.00	-21.93	3	Horizontal	12	1.00
Mode 2	Pass	AV	7.31886G	33.78	54.00	-20.22	3	Horizontal	0	1.17
Mode 2	Pass	AV	11.39876G	44.48	54.00	-9.52	3	Horizontal	327	1.19
Mode 2	Pass	PK	4.88122G	43.44	74.00	-30.56	3	Horizontal	12	1.00
Mode 2	Pass	PK	7.31058G	47.02	74.00	-26.98	3	Horizontal	0	1.17
Mode 2	Pass	PK	11.39862G	57.43	74.00	-16.57	3	Horizontal	327	1.19

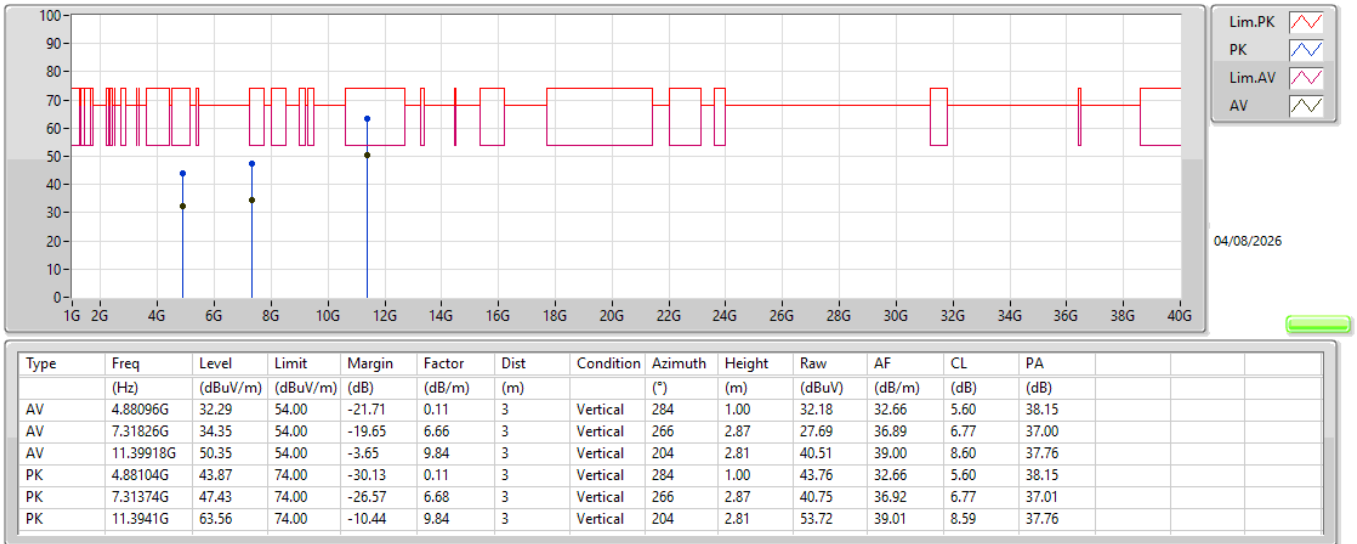
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

