

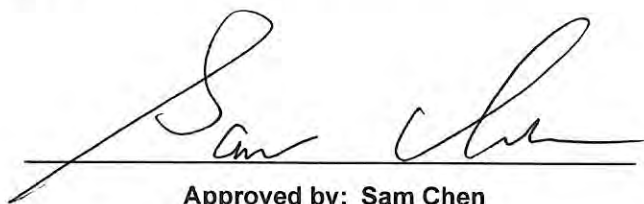


RADIO TEST REPORT

FCC ID : 2AHBN-AP27
Equipment : Wi-Fi 7 Wireless Access Point
Brand Name : Juniper
Model Name : AP27, AP27E
Applicant : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089
USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089
USA
Standard : 47 CFR FCC Part 15.247

The product was received on Nov. 19, 2025, and testing was started from Nov. 19, 2025 and completed on Mar. 25, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_9 Ver1.3



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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: **Sam Chen**Report Producer: **Vicky Huang**



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]

For Radio 4:

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

Note:

- 802.15.4 uses a O-QPSK (250kbps) modulation.
- BWch is the nominal channel bandwidth.
- The device supports Zigbee and Thread protocols over an IEEE 802.15.4 radio operating in the 2.4 GHz band using O-QPSK modulation.
- Since Zigbee and Thread share identical 802.15.4 PHY/RF characteristics, testing was performed in IEEE 802.15.4 mode to represent both Zigbee and Thread operation.


1.1.2 Antenna Information
<For EUT 1>

Ant.	RF Port					Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
	2.4G/5G	6G	IEEE 802.15.4	Bluetooth	GPS						
1	2	-	-	-	-	Juniper	AP27	PIFA	I-PEX	Note 1	WLAN 2.4GHz (Radio 2)
2	1	-	-	-	-	Juniper	AP27	PIFA	I-PEX		WLAN 5GHz UNII 1-3 (Radio 1)
3	-	2	1	-	-	Juniper	AP27	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
4	-	1	-	1	-	Juniper	AP27	PIFA	I-PEX		IEEE 802.15.4 (Radio 4)
5	1	1	-	-	-	Juniper	AP27, AP27E	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0)
6	-	-	-	-	1	Juniper	AP27, AP27E	PIFA	I-PEX	L1: 3.2 L5: 1.2	Bluetooth (Radio 4)
											WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
											GPS (Radio 5)

Note 1:

NOTE 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)		WLAN 5GHz UNII 1-3 (Radio 1)						
	2.45GHz		5.2GHz		5.3GHz		5.6GHz		5.785GHz
1	2.07		4.39		3.95		4.78		3.77
2	3.16		3.08		3.92		4.68		4.27
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					IEEE 802.15.4 (Radio 4)			
	6.175GHz	6.475GHz	6.695GHz		6.995GHz				
3	4.33	4.54	4.06		4.61				3.1
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					Bluetooth (Radio 4)			
	6.175GHz	6.475GHz	6.695GHz		6.995GHz				
4	4.03	4.46	4.39		4.53				2.5
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
5	4.9	3.52	4.07	4.19	5.01	4.42	4.36	5.86	3.44



Directional Gain (dBi)				
Item	WLAN 2.4GHz (Radio 2)			
	2.45GHz			
2T1S	4.26			
2T2S	3.16			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
2T1S	5.58	5.59	5.98	5.92
2T2S	4.39	3.95	4.78	4.27
Item	WLAN 6GHz UNII 5-8 (Radio 0)			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.72	6.5	6.87	6.83
2T2S	4.33	4.54	4.39	4.61

Note 2: The above information (excepting Ant. 1-5 (WLAN) antenna gain and directional gain) was declared by Manufacturer.

Note 3: Radio 0-3: Maximum Directional Gain following KDB662911 D03.

For Radio 0:

6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 1:

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):

2.4GHz IEEE 802.11b/g mode (1TX/1RX)

5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)

6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 4:

Bluetooth and IEEE 802.15.4 mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 5:

GPS (1RX)

Only Port 1 can be used as receiving antenna.


<For EUT 2>

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1 (V)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA	Note 1	WLAN 2.4GHz (Radio 2)
2	2 (H)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		WLAN 5GHz UNII 1-3 (Radio 1)
3	1 (V)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		<External antenna>
4	2 (H)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		WLAN 6GHz UNII 5-8 (Radio 0)
5	1	Juniper	AP27, AP27E	PIFA	I-PEX		<External antenna>
							WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3) <Internal antenna>
6	1	Juniper	AP27, AP27E	PIFA	I-PEX	2.5	Bluetooth (Radio 4) <Internal antenna>
7	1	Juniper	AP27, AP27E	PIFA	I-PEX	3.1	IEEE 802.15.4 (Radio 4) <Internal antenna>
8	1	Juniper	AP27, AP27E	PIFA	I-PEX	L1: 3.2 L5: 1.2	GPS (Radio 5) <Internal antenna>

Note 1:

NOTE 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)			WLAN 5GHz UNII 1-3 (Radio 1)					
	2.45GHz		5.2GHz	5.3GHz		5.6GHz		5.785GHz	
1	8			10	10		10		10
2	8			10	10		10		10
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)								
	6.175GHz		6.475GHz		6.695GHz		6.995GHz		
3	10		10		10		10		
4	10		10		10		10		
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
5	4.9	3.52	4.07	4.19	5.01	4.42	4.36	5.86	3.44



Ant.	Cable Loss (dB)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	0.4	0.5	0.6	0.6	0.6
2	0.4	0.5	0.6	0.6	0.6
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
	0.6	0.7	0.7	0.7	
4	0.6	0.7	0.7	0.7	

Ant.	Net Gain (dBi)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	7.6	9.5	9.4	9.4	9.4
2	7.6	9.5	9.4	9.4	9.4
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
	9.4	9.3	9.3	9.3	
4	9.4	9.3	9.3	9.3	

Note 2: The above information (excepting Ant. 5 antenna gain) was declared by Manufacturer.

Note 3: V indicates that the antenna is vertically polarized.

H indicates that the antenna is horizontally polarized.

Note 4: The antenna 1~4 are the cross-polarized antenna; it doesn't need to evaluate array gain

Note 5: The 6GHz function in the external antenna is not enabled at this time.

For Radio 0:

6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 1:

5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 3(Scanning radio):

2.4GHz IEEE 802.11b/g mode (1TX/1RX)

5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)

6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 4:

Bluetooth and IEEE 802.15.4 mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 5:

GPS (1RX)

Only Port 1 can be used as receiving antenna.

**1.1.3 Mode Test Duty Cycle**

<For EUT 1>

For Radio 4

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
IEEE 802.15.4	0.905	0.43	4.259m	300

<For EUT 2>

For Radio 4

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
IEEE 802.15.4	0.927	0.33	4.259m	300

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	accessMTool v3.3.0.9			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

EUT	Model Name	6GHz	Wi-Fi Antenna	802.15.4 Antenna	BT Antenna	Scan Antenna	GPS Antenna
1	AP27	Support (Radio 0, 3)	Internal antenna (Radio 0~3)	the same (the only difference between two model is the cable length)	the same (the only difference between two model is the cable length)	The same	The same
2	AP27E	Support (Radio 3)	external antenna (Radio 0~2) Internal antenna (Radio 3)	the same (the only difference between two model is the cable length)	the same (the only difference between two model is the cable length)	The same	The same

Note 1: All models are identical to each other in all aspects except for the listing table.

Note 2: From the above, both EUTs were tested except for Radio 1 (TPC) and Scanning Radio 3 (RF conducted and RF Radiated above 1GHz).

For Radio 1 (TPC), EUT 2 was selected as the representative model for the test.

For Scanning Radio 3 (RF conducted and RF Radiated above 1GHz), EUT 1 was selected as the representative model for the test.

Note 3: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4	GPS
0	-	-	V (UNII 5~8) (For model AP27 only)	-	-	-
1	-	V (UNII 1-3)	-	-	-	-
2	V	-	-	-	-	-
3 (Scanning radio)	V	V (UNII 1-3)	V (UNII 5~8)	-	-	-
4	-	-	-	V	V	-
5	-	-	-	-	-	V

Note 1: For WLAN 2.4GHz: The Radio 2 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 1 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 0 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2020

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

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information				
Test Lab. : Sporton International Inc. Hsinchu Laboratory				
Hsinchu ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)				
(TAF: 3787) TEL: 886-3-656-9065 FAX: 886-3-656-9085				
Test site Designation No. TW3787 with FCC.				
Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Test Mode: Mode 1)	TH01-CB	Edmund Tsai	20.5~21 / 63~67	Dec. 26, 2025~ Mar. 24, 2026
RF Conducted (Test Mode: Mode 2)	TH01-CB	Brian Sun	20.5~21 / 63~67	Dec. 29, 2025~ Mar. 24, 2026
Radiated below 1GHz	10CH01-CB	Ryan Huang	23~24 / 56~57	Feb. 06, 2026
Radiated above 1GHz (others-Test Mode: Mode 1)	03CH01-CB	Viola Huang	21.3~22.3 / 58~61	Nov. 19, 2025~ Mar. 21, 2026
Radiated above 1GHz (others-Test Mode: Mode 2)	03CH01-CB	Viola Huang	21.3~22.3 / 58~61	Nov. 24, 2025~ Mar. 20, 2026
Radiated above 1GHz (Co-location- Test Mode: Mode 1~3)	03CH06-CB	Paul Hu	21.9~23.1 / 60~62	Mar. 25, 2026
Radiated above 1GHz (Co-location- Test Mode: Mode 4)	03CH06-CB	Alex Kuo	21.9~23.1 / 60~62	Mar. 25, 2026
AC Conduction	CO01-CB	Tim Chen	23~24 / 60~61	Feb. 06, 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))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.9 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	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
IEEE 802.15.4
2405MHz
2440MHz
2475MHz
2480MHz



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	WLAN/IEEE 802.15.4: Normal Link / Bluetooth: CTX
1	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
2	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
3	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
5	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
6	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
7	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
8	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 7 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
10	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
For operating mode 7 is the worst case and it was record in this test report.	

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
1	EUT 1_R4
2	EUT 2_R4



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	WLAN/IEEE 802.15.4: Normal Link / Bluetooth: CTX
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
2	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
3	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
5	EUT 1 in Z axis_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
6	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth+R5: GPS+PoE
7	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth+R5: GPS+PoE
8	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth+R5: GPS+PoE
Mode 6 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(TX)+R5: GPS+PoE
10	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4(RX)+R5: GPS+PoE
For operating mode 6 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, the worst-case axis was found as below. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis_R4
2	EUT 2 in Y axis_R4



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, the worst-case axis was found as below. So the measurement will follow this same test configuration.	
1	EUT 1 in Y axis_R0: 6GHz+R4: Bluetooth
2	EUT 1 in Z axis_R1: 5GHz+R2: 2.4GHz
3	EUT 1 in Z axis_R0: 6GHz+R4: IEEE 802.15.4
4	EUT 2 in Z axis_R1: 5GHz+R2: 2.4GHz
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth
2	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth
3	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth
4	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4
5	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4
6	EUT 1_R0: 6GHz+R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: IEEE 802.15.4
7	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: Bluetooth
8	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: Bluetooth
9	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 2.4GHz+R4: IEEE 802.15.4
10	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 5GHz+R4: IEEE 802.15.4
11	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: Bluetooth
12	EUT 2_R1: 5GHz+R2: 2.4GHz+R3: 6GHz+R4: IEEE 802.15.4
Refer to Sporton Test Report No.: FA5N0636 for Co-location RF Exposure Evaluation.	

Note1: R means Radio.

Note2:16-pin connector port was used for debugging by the manufacturer only.

Note3: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE	PHIHONG	POE60U-BTA



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1
Antenna Bracket of External Ant. 1~4 (Used for EUT 2) / (Note)

Note: Optional, not sold with EUT

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	10G Eth0+PoE PC	ASUS	S300TA	TX2-RTL8821CE
D	Eth1 NB	Lenovo	X260	N/A
E	GPS Simulator	WELNAVIGATE	GS-100	N/A
F	2.4G NB	Lenovo	X260	N/A
G	5G NB	Lenovo	X260	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Flash disk3.0	Transcend	JetFlash-703	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A
C	10G Eth0+PoE PC	ASUS	S300TA	TX2-RTL8821CE
D	Eth1 PC	ASUS	S300TA	TX2-RTL8821CE
E	5G NB	Lenovo	X260	N/A
F	2.4G NB	Lenovo	X260	N/A
G	GPS Simulator	WELNAVIGATE	GS-100	N/A

**For Radiated (above 1GHz):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A

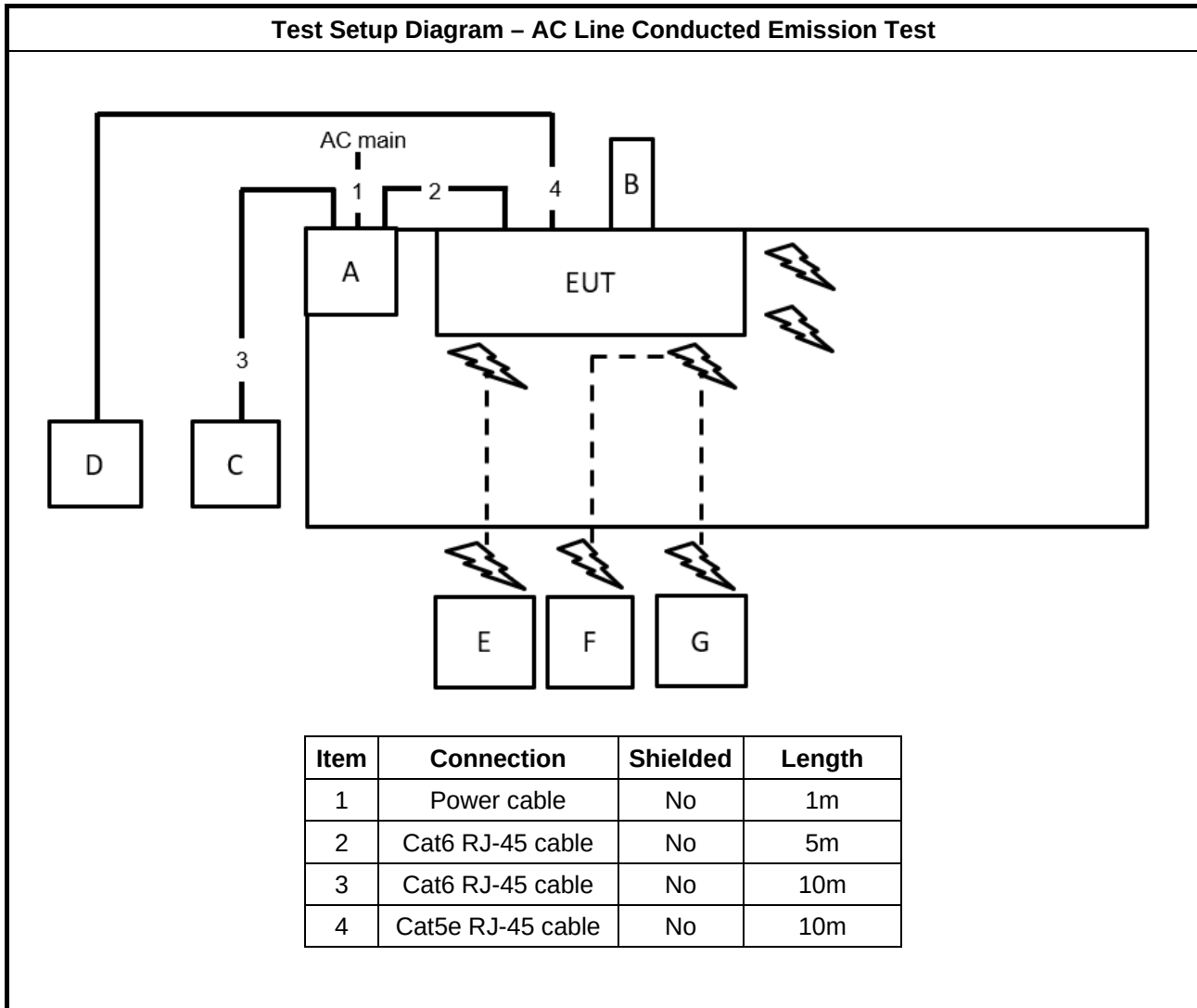
For RF Conducted:

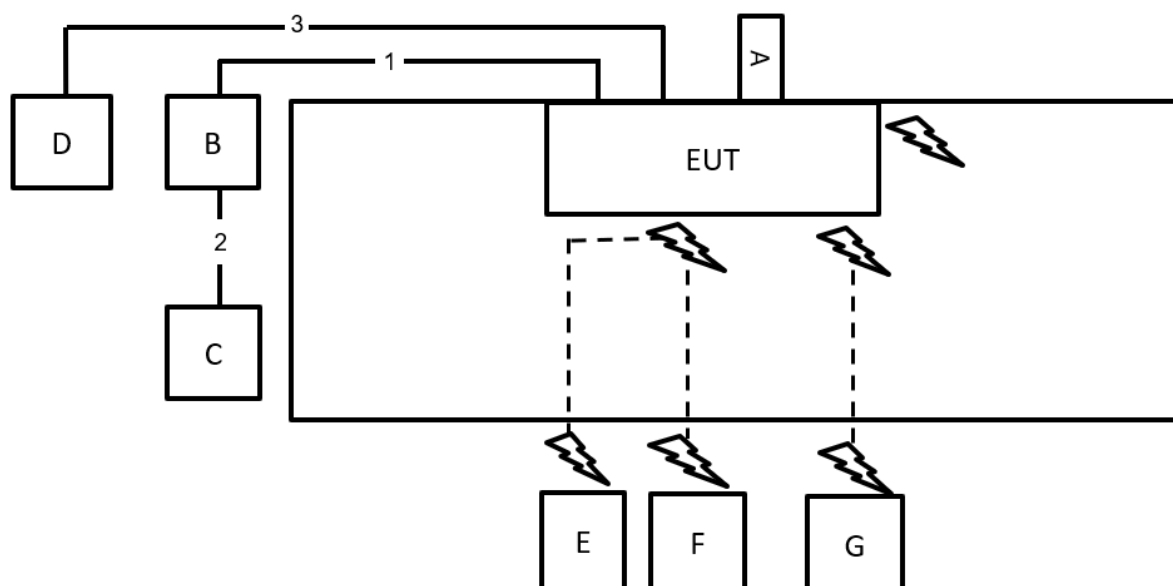
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	PHIHONG	POE60U-BTA	N/A
B	NB	Lenovo	L440	N/A

For Radiated Emission (Co-location):

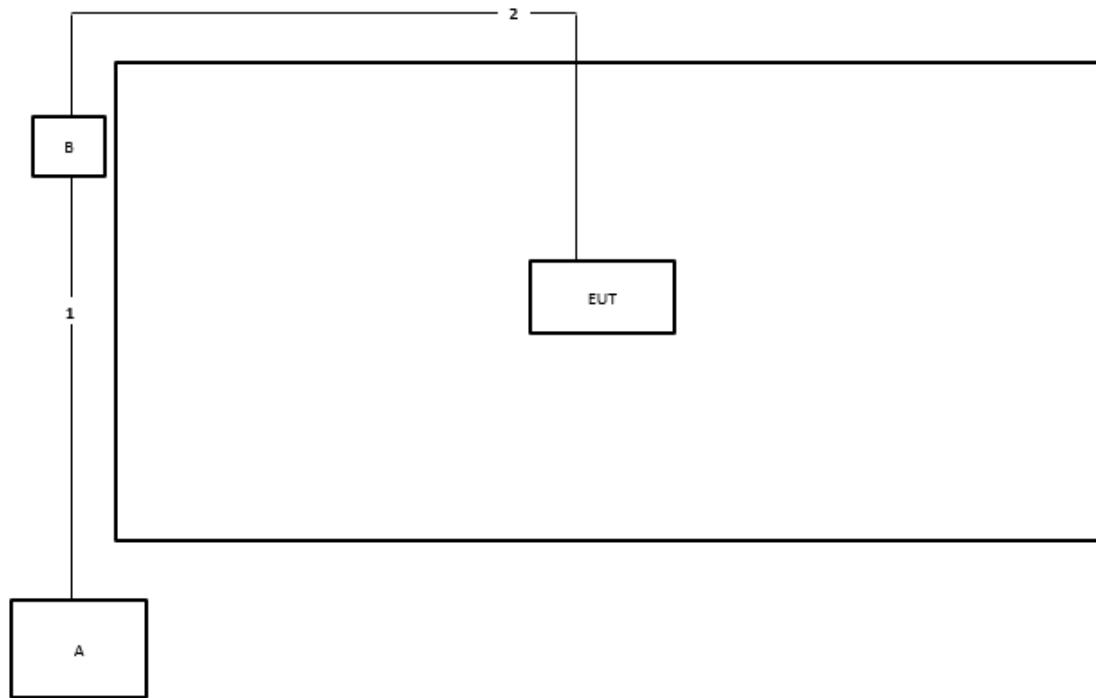
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PC	DELL	T3400	N/A
B	PoE	PHIHONG	POE60U-BTA	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A

2.6 Test Setup Diagram

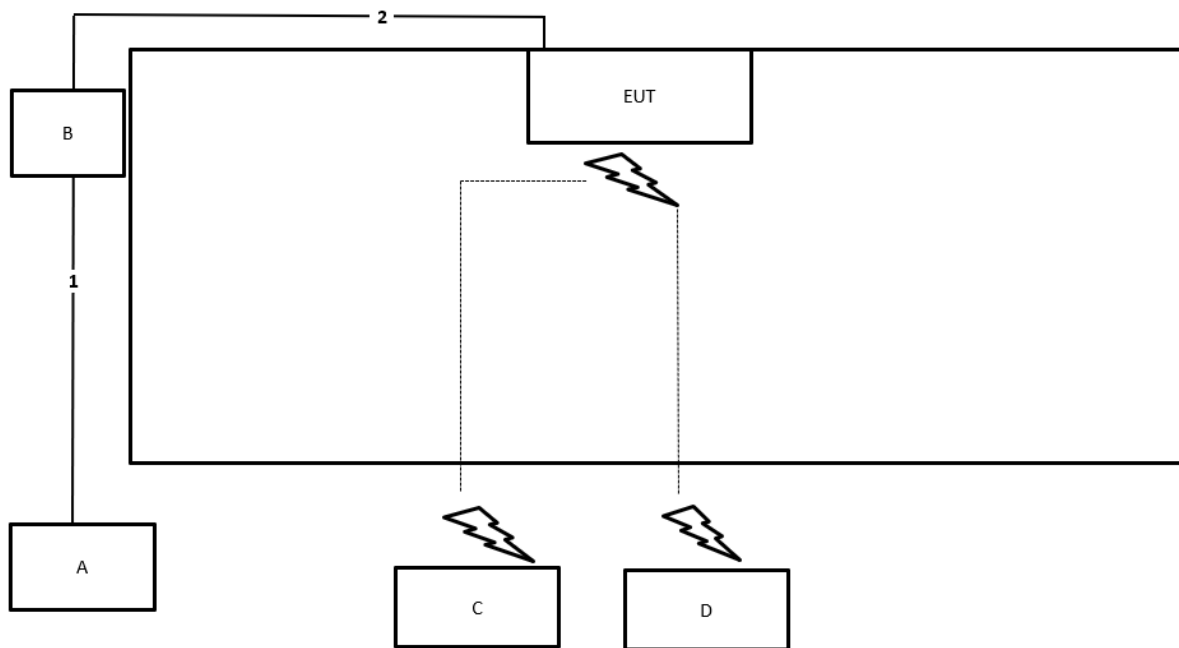


Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Cat6 RJ-45 cable	No	10m
2	Cat6 RJ-45 cable	No	5m
3	Cat5e RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Emission Co-location Test


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m



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.		

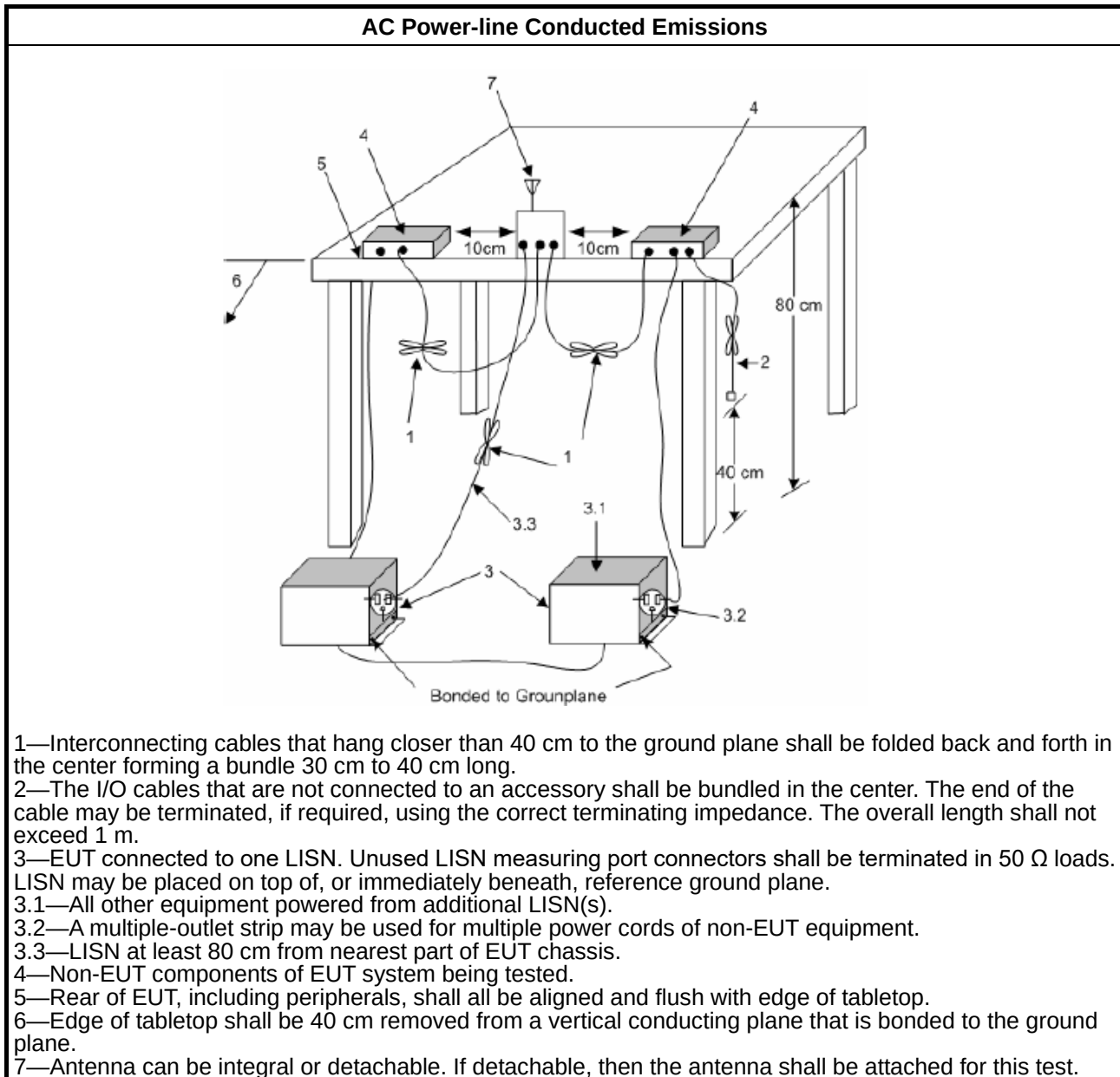
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

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.

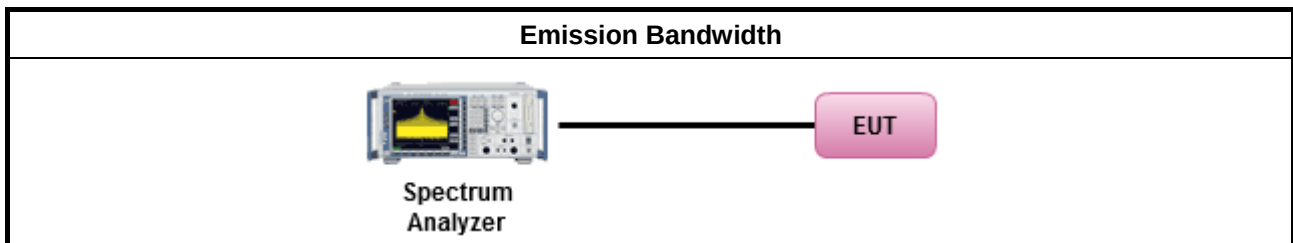
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

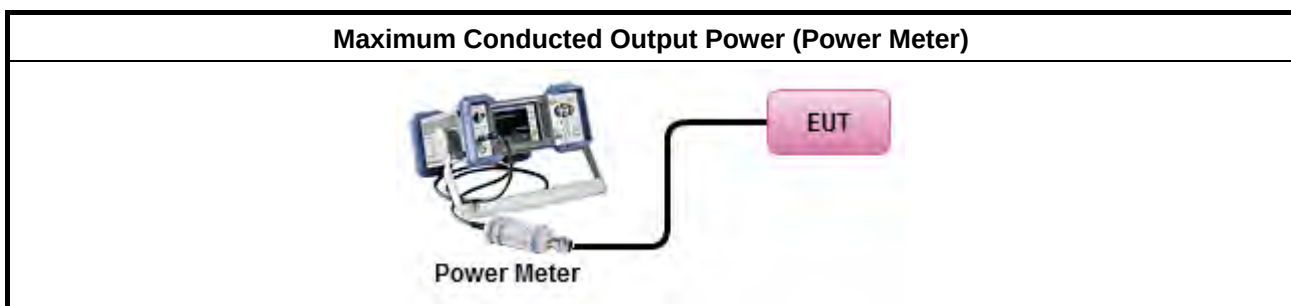
3.3.2 Measuring Instruments

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 FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC 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

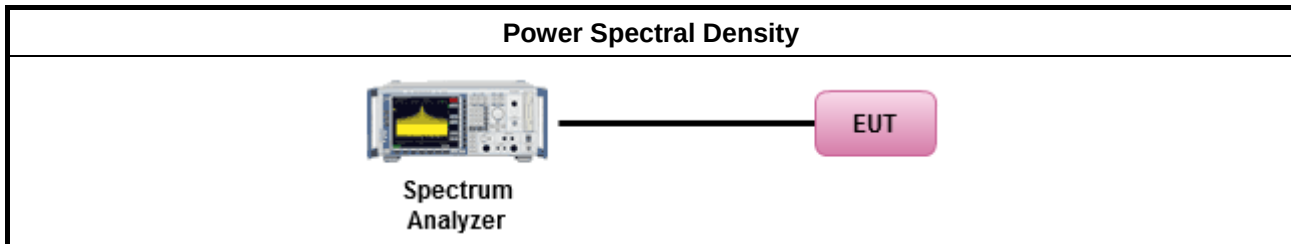
3.4.2 Measuring Instruments

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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.
▪ For conducted measurement.	
▪ If The EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

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 (dBc)
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 PSD 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 PSD level.	

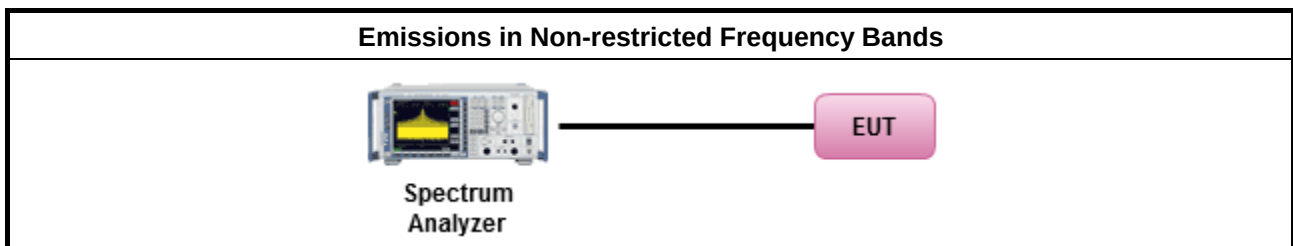
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted 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

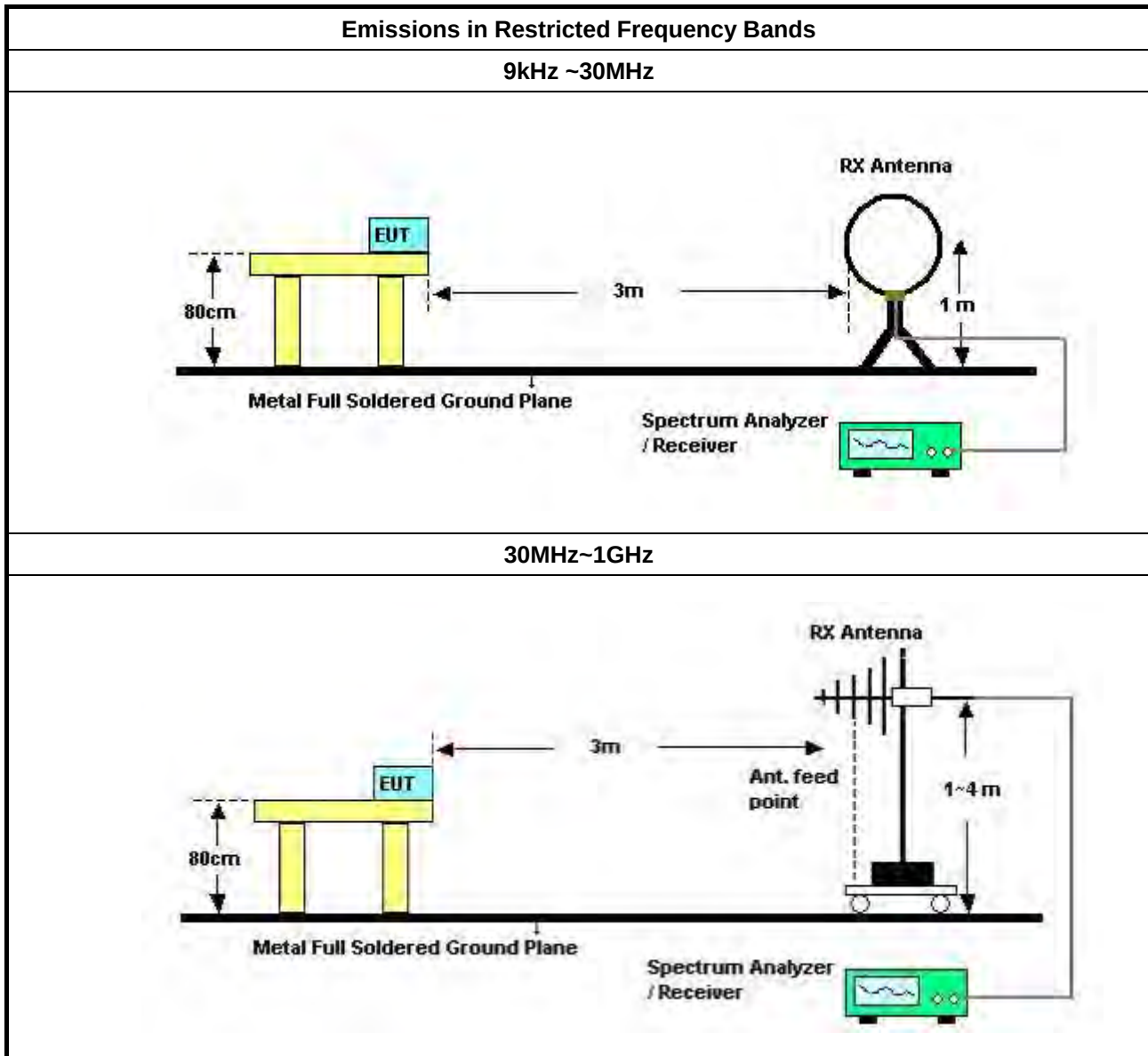
Refer a test equipment and calibration data table in this test report.



3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074 clause 8.7 & c63.10 clause 11.13.1, 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 FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

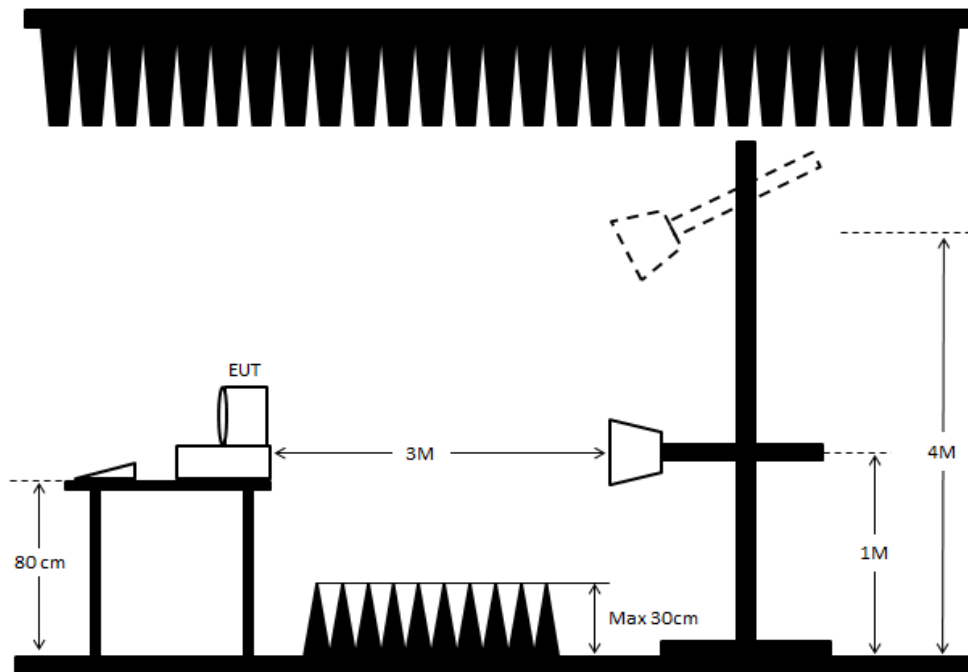
3.6.4 Test Setup



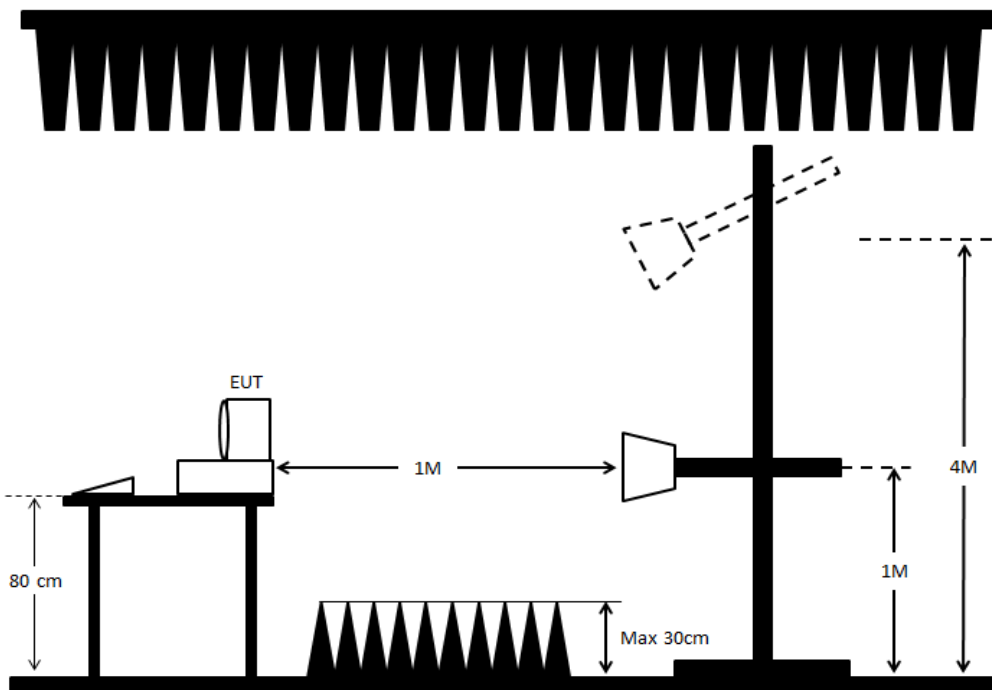
Above 1GHz

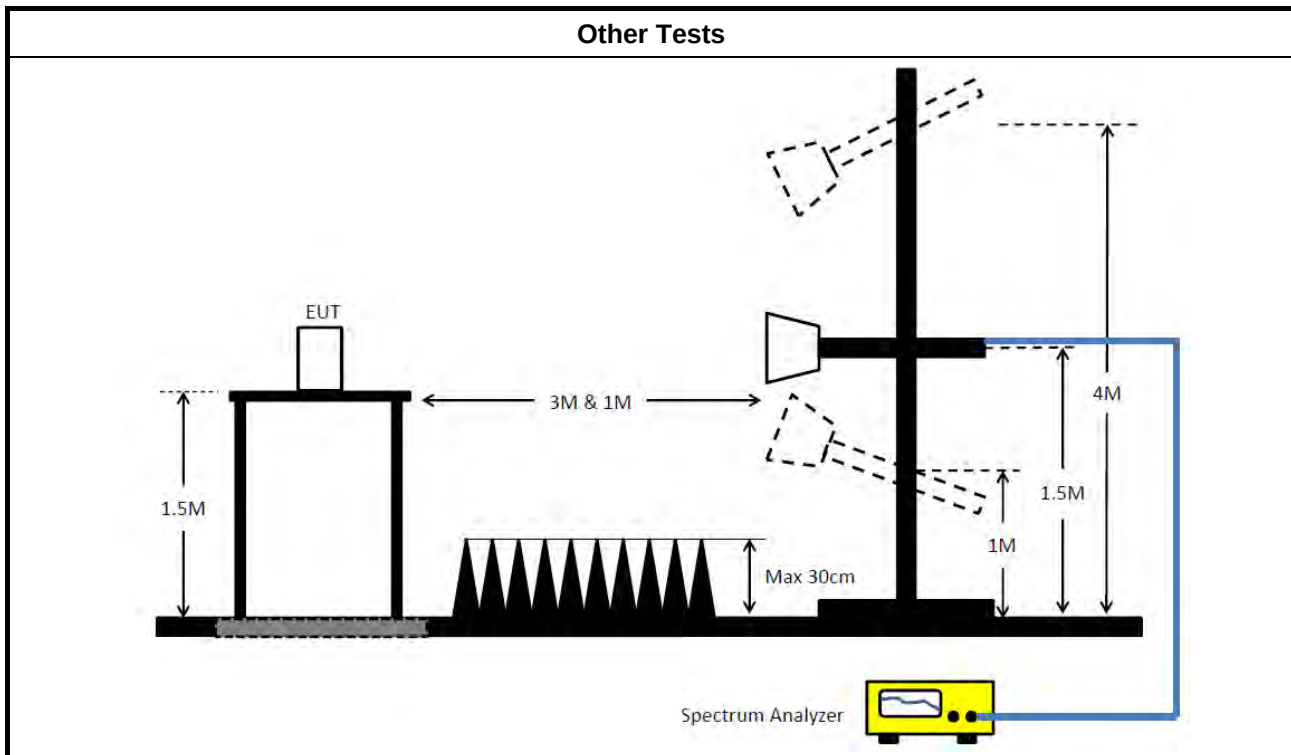
Co-location

1,000~18,000 MHz



18,000~40,000 MHz





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 04, 2026	Feb. 03, 2027	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 14, 2026	Jan. 13, 2027	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 08, 2025	Mar. 07, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 14, 2025	Oct. 13, 2026	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESR7	103076	9kHz ~ 7GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (10CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Sep. 03, 2025	Sep. 02, 2026	Radiation (10CH01-CB)
Bilog Ant & 6dB Attenuator	SCHWARZBECK & EMCI	VULB 9168 & N-6-06	1469 & AT-N06021	30MHz ~ 1GHz	Jan. 08, 2026	Jan. 07, 2027	Radiation (10CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (10CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101321	9kHz ~ 44GHz	Jul. 01, 2025	Jun. 30, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2025	May 26, 2026	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~ 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 2026	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 04, 2025	Jul. 03, 2026	Conducted (TH01-CB)



RADIO TEST REPORT

Report No. : FR5N0636AE

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



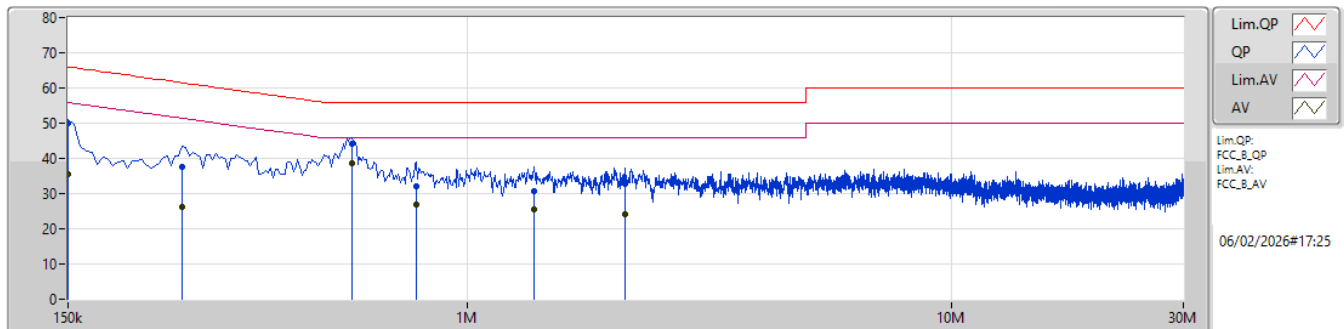
Conducted Emissions at Powerline

Appendix A

Summary

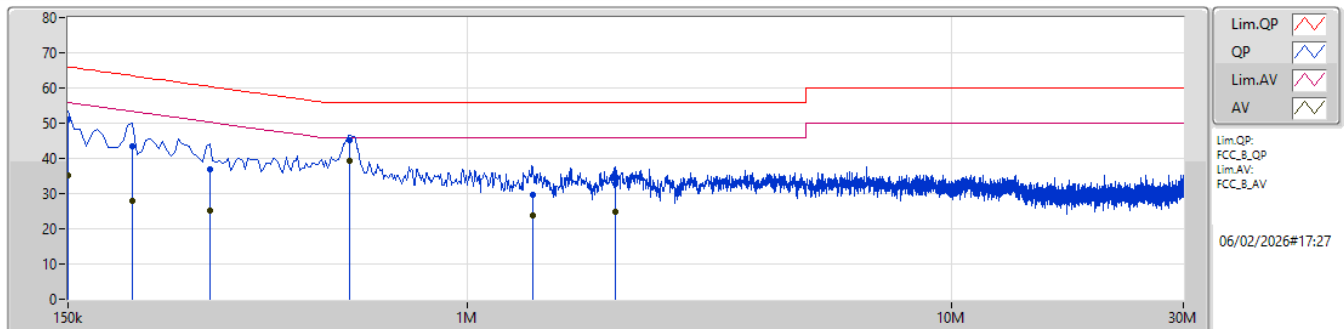
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 7	Pass	AV	573k	39.36	46.00	-6.64	Neutral

Mode 7



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	50.12	66.00	-15.88	10.03	Line	-	40.09	0.05	0.10	9.88						
AV	150k	35.56	56.00	-20.44	10.03	Line	-	25.53	0.05	0.10	9.88						
QP	258k	37.55	61.49	-23.94	9.95	Line	-	27.60	0.06	0.08	9.81						
AV	258k	26.37	51.49	-25.12	9.95	Line	-	16.42	0.06	0.08	9.81						
QP	577.5k	44.13	56.00	-11.87	10.09	Line	-	34.04	0.06	0.13	9.90						
AV	577.5k	38.67	46.00	-7.33	10.09	Line	"Worst"	28.58	0.06	0.13	9.90						
QP	784.5k	32.16	56.00	-23.84	10.10	Line	-	22.06	0.07	0.14	9.89						
AV	784.5k	26.83	46.00	-19.17	10.10	Line	-	16.73	0.07	0.14	9.89						
QP	1.37M	30.79	56.00	-25.21	10.05	Line	-	20.74	0.08	0.15	9.82						
AV	1.37M	25.48	46.00	-20.52	10.05	Line	-	15.43	0.08	0.15	9.82						
QP	2.121M	32.70	56.00	-23.30	9.97	Line	-	22.73	0.09	0.14	9.74						
AV	2.121M	24.12	46.00	-21.88	9.97	Line	-	14.15	0.09	0.14	9.74						

Mode 7



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	51.04	66.00	-14.96	10.06	Neutral	-	40.98	0.08	0.10	9.88						
AV	150k	35.16	56.00	-20.84	10.06	Neutral	-	25.10	0.08	0.10	9.88						
QP	204k	43.32	63.44	-20.12	9.90	Neutral	-	33.42	0.08	0.06	9.76						
AV	204k	27.86	53.44	-25.58	9.90	Neutral	-	17.96	0.08	0.06	9.76						
QP	294k	37.04	60.42	-23.38	10.01	Neutral	-	27.03	0.08	0.09	9.84						
AV	294k	25.13	50.42	-25.29	10.01	Neutral	-	15.12	0.08	0.09	9.84						
QP	573k	45.08	56.00	-10.92	10.11	Neutral	-	34.97	0.08	0.13	9.90						
AV	573k	39.36	46.00	-6.64	10.11	Neutral	"Worst"	29.25	0.08	0.13	9.90						
QP	1.365M	29.61	56.00	-26.39	10.07	Neutral	-	19.54	0.10	0.15	9.82						
AV	1.365M	23.79	46.00	-22.21	10.07	Neutral	-	13.72	0.10	0.15	9.82						
QP	2.018M	32.79	56.00	-23.21	9.99	Neutral	-	22.80	0.11	0.14	9.74						
AV	2.018M	24.73	46.00	-21.27	9.99	Neutral	-	14.74	0.11	0.14	9.74						



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_1TX	1.571M	2.353M	2M35 G1D	1.545M	2.345M

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



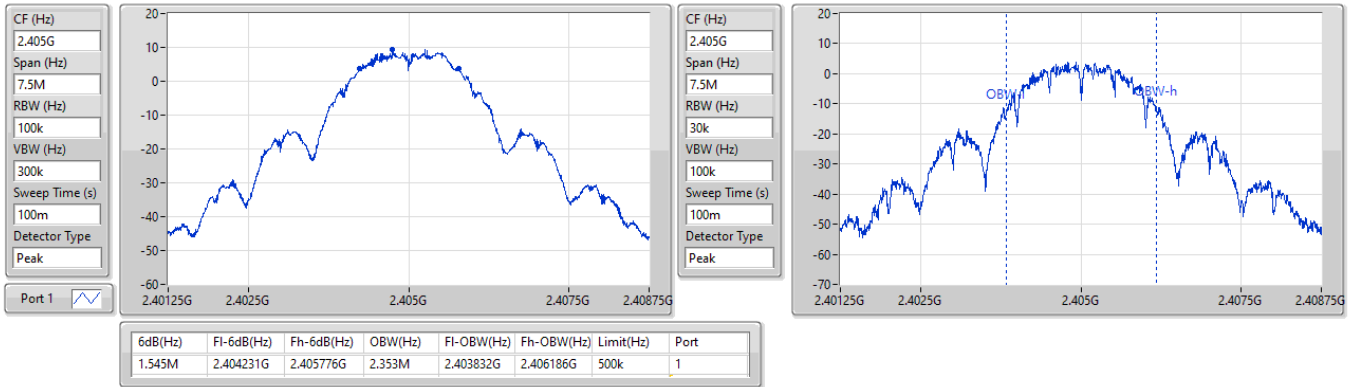
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.15.4_1TX	-	-	-	-
2405MHz	Pass	500k	1.545M	2.353M
2440MHz	Pass	500k	1.571M	2.35M
2480MHz	Pass	500k	1.549M	2.352M

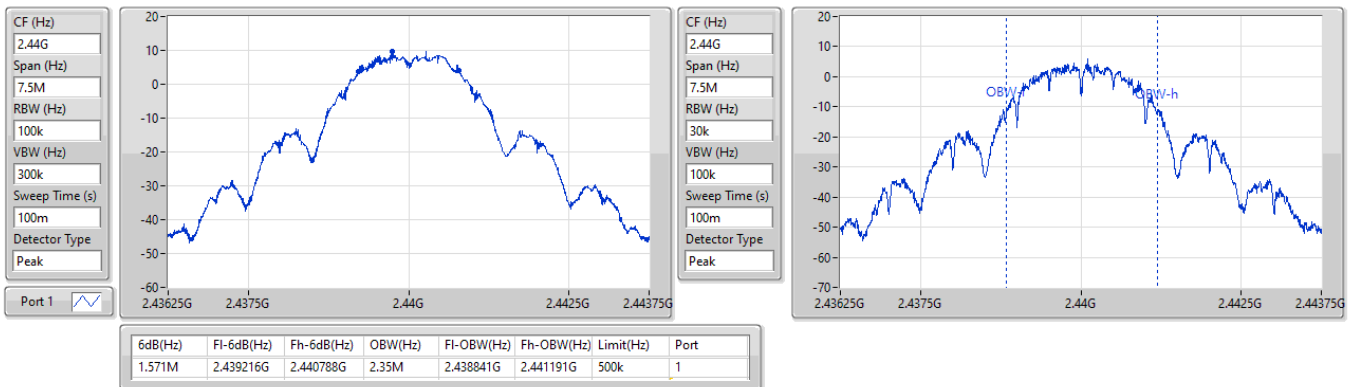
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.15.4_1TX
EBW
2405MHz

18/02/2026


2.4-2.4835GHz_802.15.4_1TX
EBW
2440MHz

18/02/2026

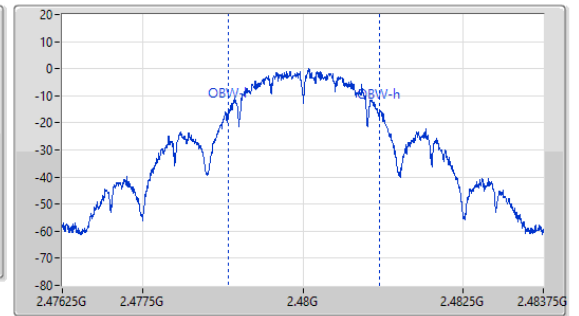
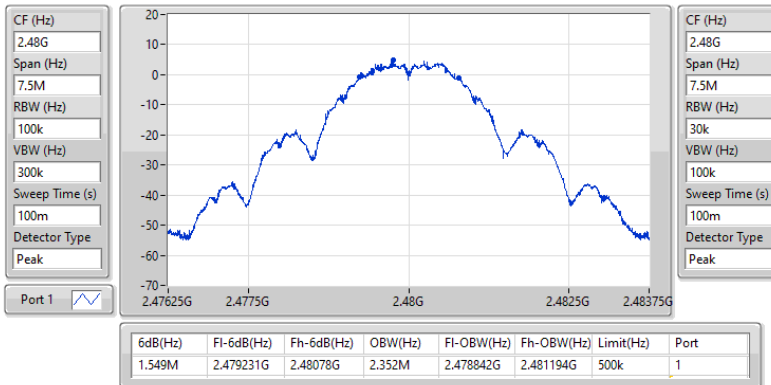


2.4-2.4835GHz_802.15.4_1TX

EBW

2480MHz

18/02/2026





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_1TX	1.575M	2.351M	2M35G1D	1.568M	2.345M

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



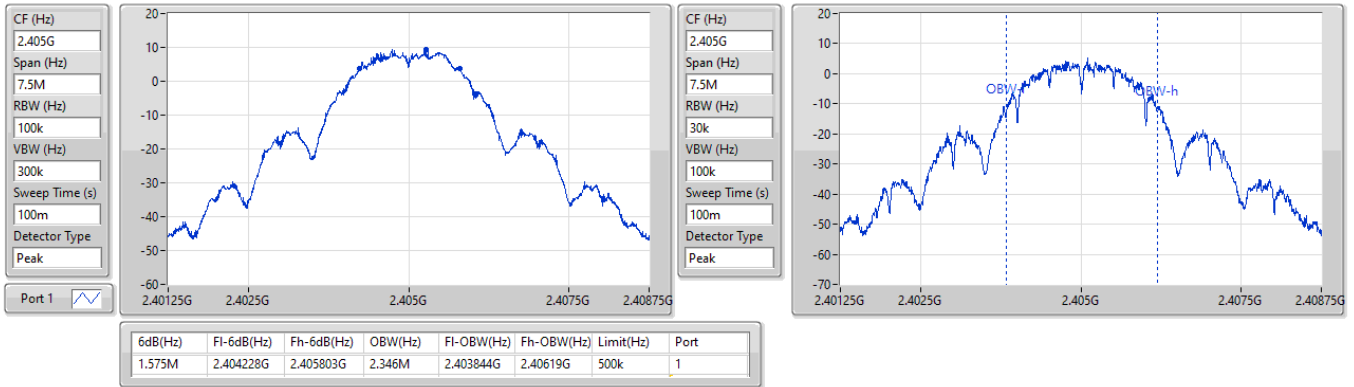
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.15.4_1TX	-	-	-	-
2405MHz	Pass	500k	1.575M	2.346M
2440MHz	Pass	500k	1.575M	2.345M
2480MHz	Pass	500k	1.568M	2.351M

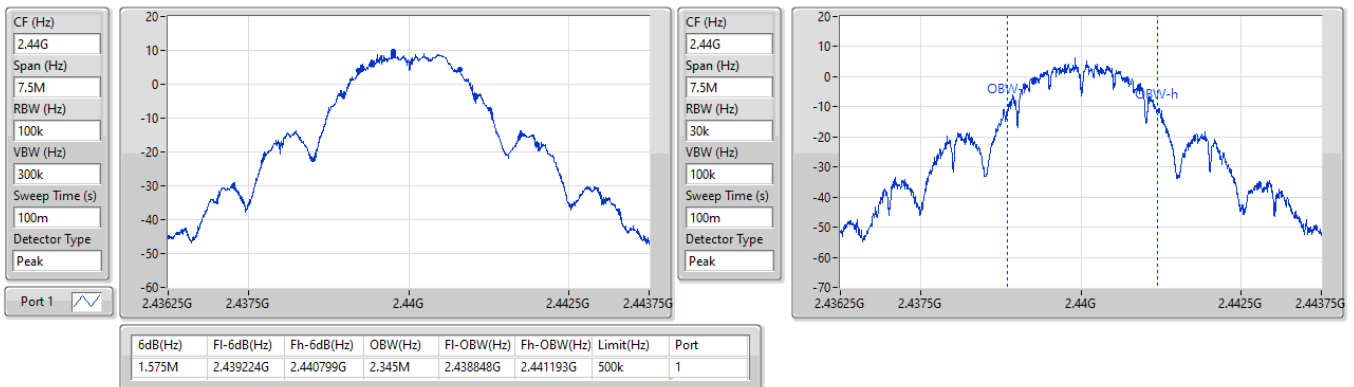
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.15.4_1TX
EBW
2405MHz

18/02/2026


2.4-2.4835GHz_802.15.4_1TX
EBW
2440MHz

18/02/2026

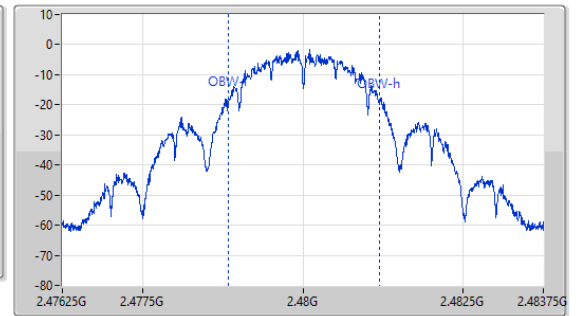
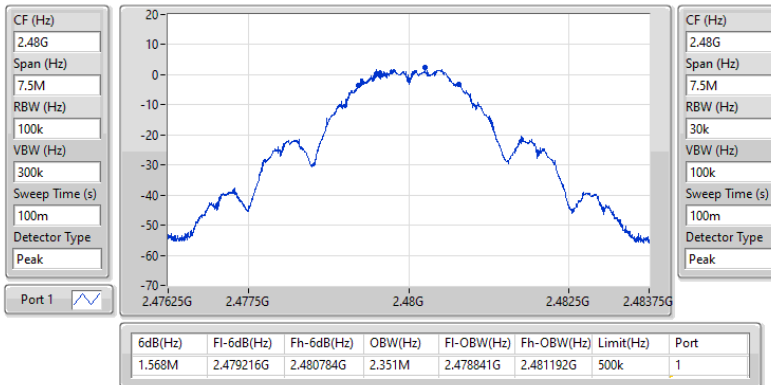


2.4-2.4835GHz_802.15.4_1TX

EBW

2480MHz

18/02/2026





Average Power_Test Mode: Mode 1

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.15.4_1TX	12.81	0.01910



Average Power_Test Mode: Mode 1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.15.4_1TX	-	-	-	-	-
2405MHz	Pass	3.10	12.57	12.57	30.00
2440MHz	Pass	3.10	12.81	12.81	30.00
2475MHz	Pass	3.10	12.21	12.21	30.00
2480MHz	Pass	3.10	7.94	7.94	30.00

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



Average Power_Test Mode: Mode 2

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.15.4_1TX	12.87	0.01936



Average Power_Test Mode: Mode 2

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.15.4_1TX	-	-	-	-	-
2405MHz	Pass	3.10	12.59	12.59	30.00
2440MHz	Pass	3.10	12.87	12.87	30.00
2475MHz	Pass	3.10	12.57	12.57	30.00
2480MHz	Pass	3.10	5.67	5.67	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_TX	2.72

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.15.4_1TX	-	-	-	-	-
2405MHz	Pass	3.10	2.46	2.46	8.00
2440MHz	Pass	3.10	2.72	2.72	8.00
2480MHz	Pass	3.10	-2.19	-2.19	8.00

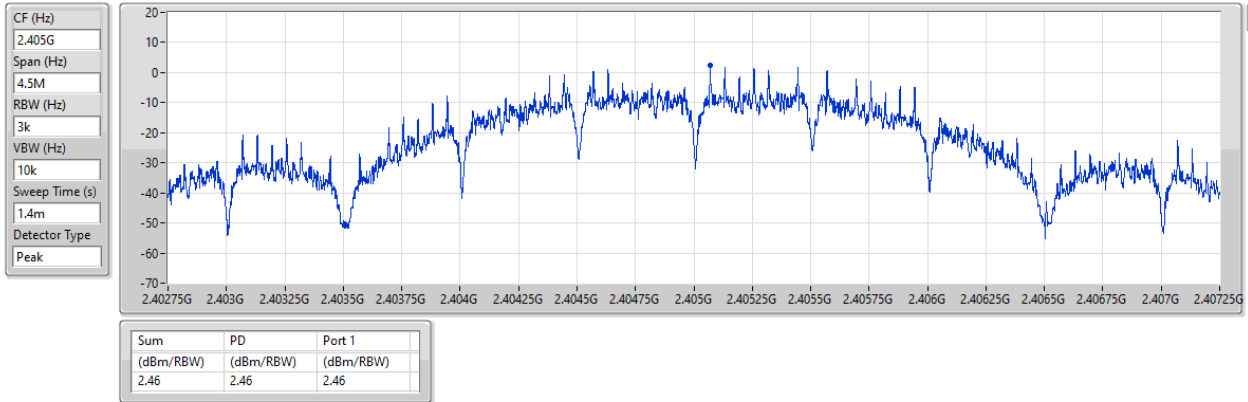
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.15.4_1TX

PSD

2405MHz

18/02/2026

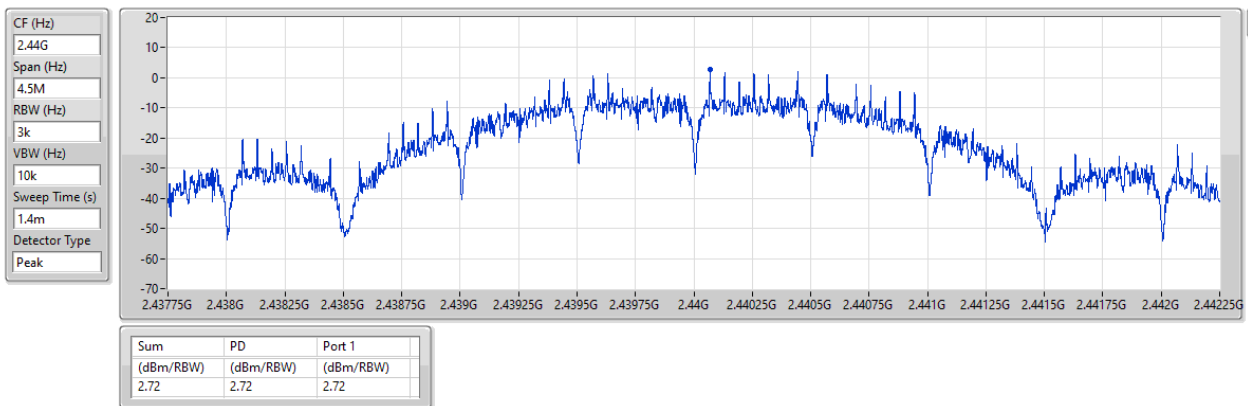


2.4-2.4835GHz_802.15.4_1TX

PSD

2440MHz

18/02/2026

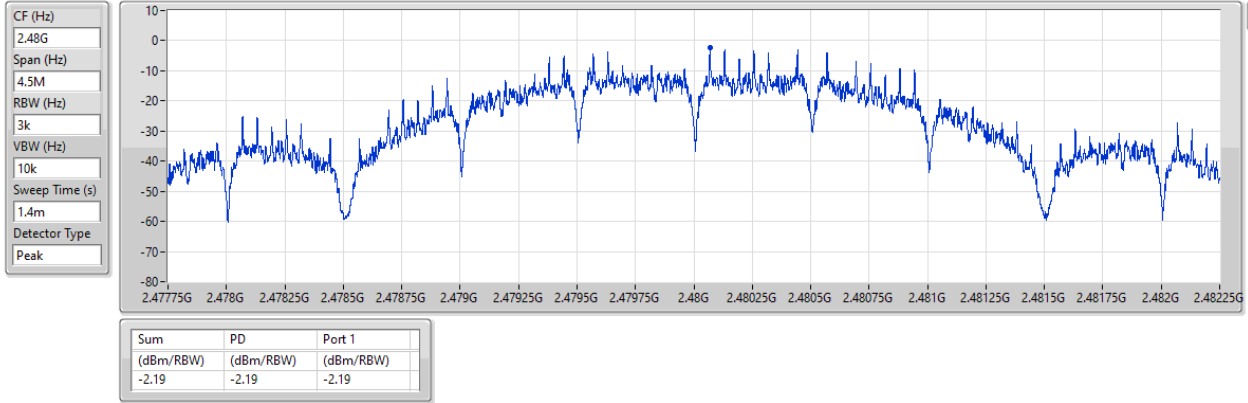


2.4-2.4835GHz_802.15.4_1TX

PSD

2480MHz

18/02/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.15.4_TX	2.77

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.15.4_1TX	-	-	-	-	-
2405MHz	Pass	3.10	2.51	2.51	8.00
2440MHz	Pass	3.10	2.77	2.77	8.00
2480MHz	Pass	3.10	-4.44	-4.44	8.00

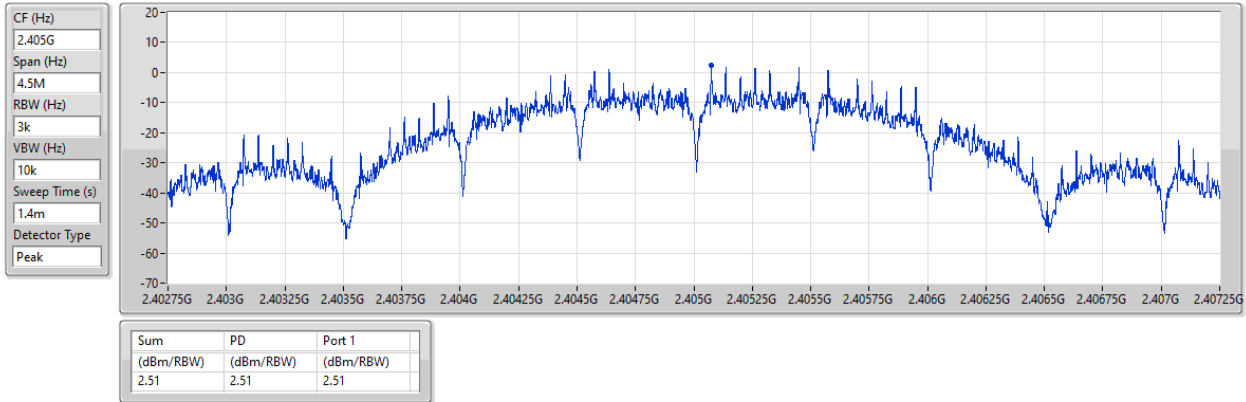
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.15.4_1TX

PSD

2405MHz

18/02/2026

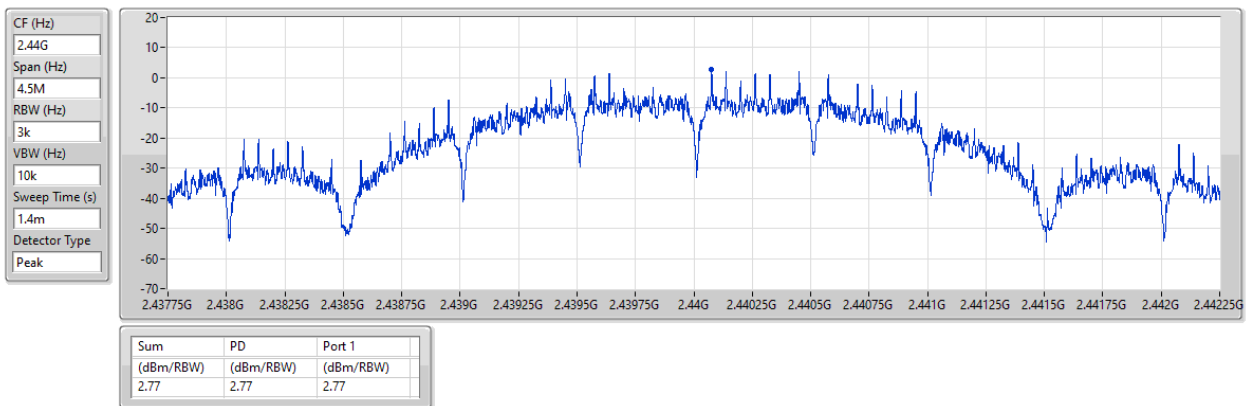


2.4-2.4835GHz_802.15.4_1TX

PSD

2440MHz

18/02/2026



2.4-2.4835GHz_802.15.4_1TX

PSD

2480MHz

18/02/2026

CF (Hz)
2.48G

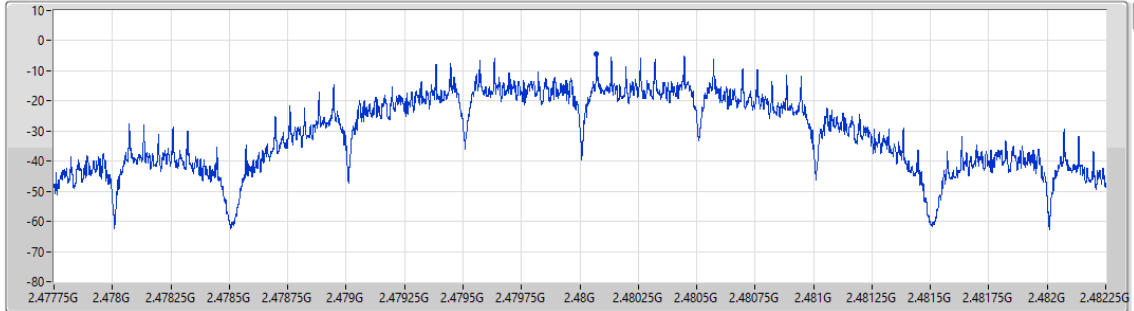
Span (Hz)
4.5M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.44	-4.44	-4.44



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_1TX	Pass	2.44041G	8.50	-21.50	2.18833G	-51.42	2.3985G	-53.56	2.4G	-55.16	22.00048G	-45.14	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_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	2.44041G	8.50	-21.50	1.78291G	-52.36	2.39976G	-51.15	2.4G	-51.39	21.96671G	-45.91	1
2440MHz	Pass	2.44041G	8.50	-21.50	2.18833G	-51.42	2.3985G	-53.56	2.4G	-55.16	22.00048G	-45.14	1
2480MHz	Pass	2.44041G	8.50	-21.50	2.14814G	-53.28	2.39736G	-53.06	2.4G	-54.96	21.86541G	-45.78	1

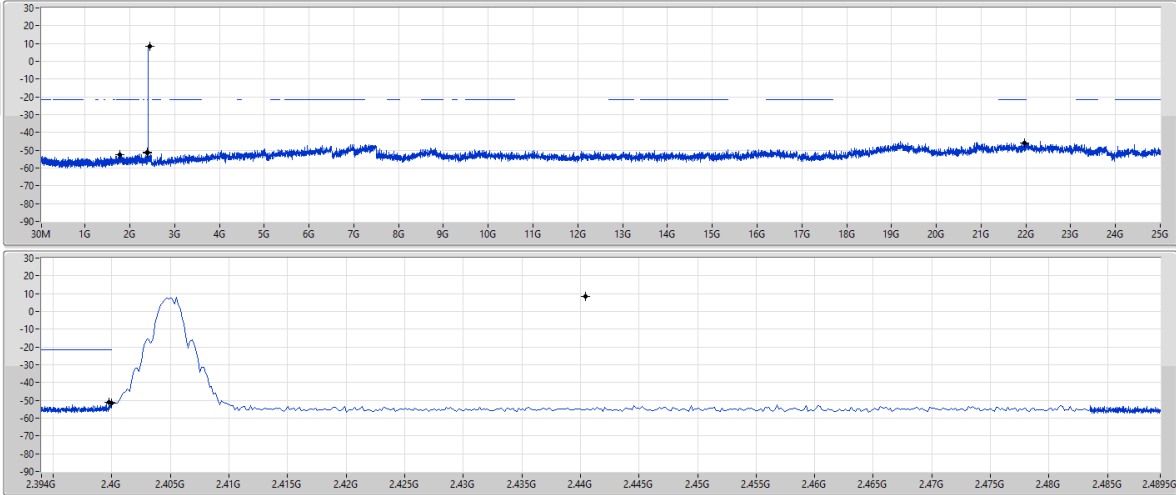
2.4-2.4835GHz_802.15.4_1TX

CSEndB

2405MHz

18/02/2026

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
2.44041G	8.50	-21.50	1.78291G	-52.36	2.39976G	-51.15	2.4G	-51.39	2.196671G	-45.91	1

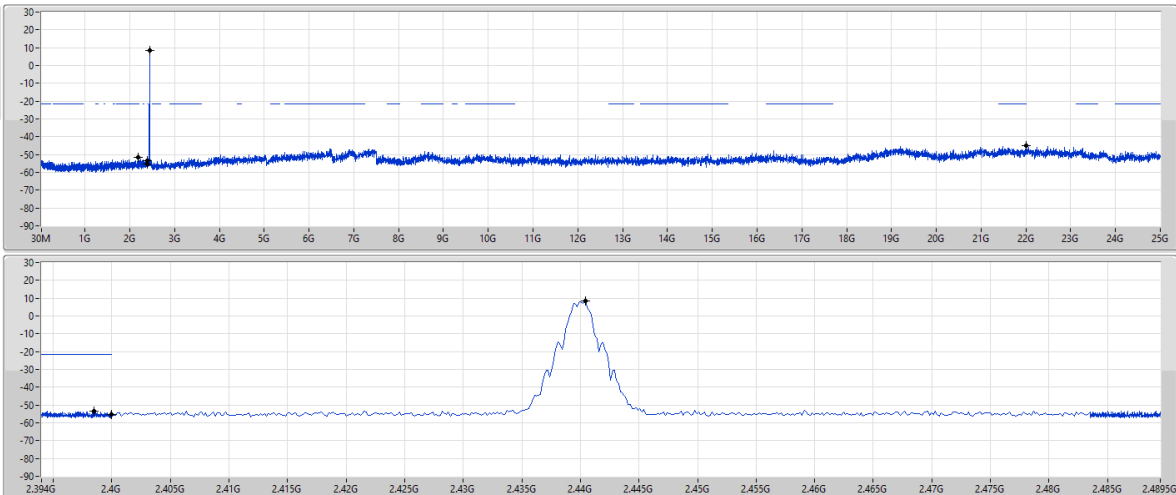
2.4-2.4835GHz_802.15.4_1TX

CSEndB

2440MHz

18/02/2026

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
2.44041G	8.50	-21.50	2.18833G	-51.42	2.3985G	-53.36	2.4G	-55.16	22.00048G	-45.14	1

2.4-2.4835GHz_802.15.4_1TX

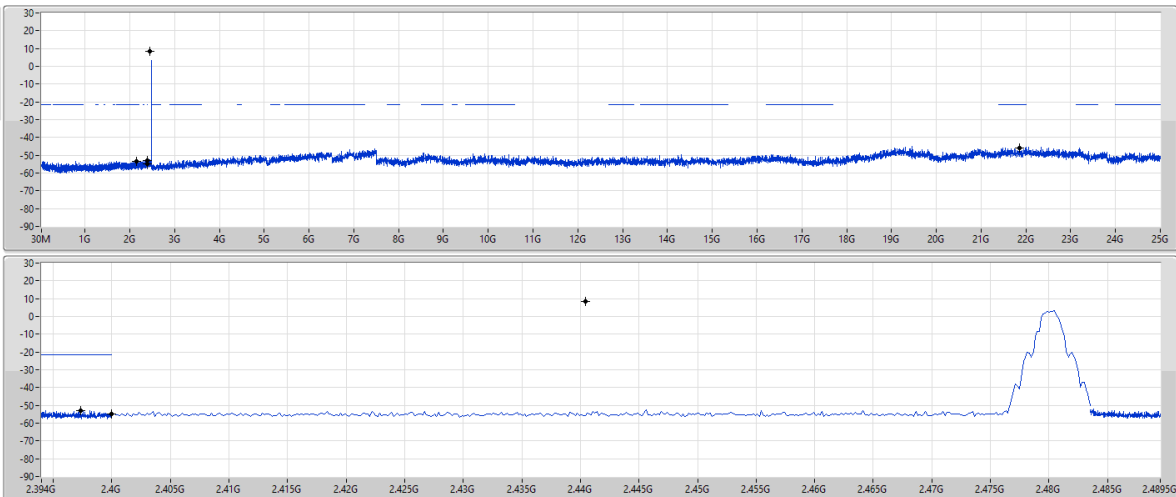
CSEndB

2480MHz

18/02/2026

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
2.44041G	8.50	-21.50	2.14814G	-53.28	2.39736G	-53.06	2.4G	-54.96	2.186541G	-45.78	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_1TX	Pass	2.43975G	7.98	-22.02	2.11505G	-52.63	2.39473G	-52.31	2.4G	-55.54	21.99485G	-44.45	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_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2405MHz	Pass	2.43975G	7.98	-22.02	31.18M	-52.54	2.39987G	-52.23	2.4G	-52.36	22.00892G	-45.56	1
2440MHz	Pass	2.43975G	7.98	-22.02	2.07722G	-51.66	2.39507G	-53.17	2.4G	-55.84	21.54464G	-45.68	1
2480MHz	Pass	2.43975G	7.98	-22.02	2.11505G	-52.63	2.39473G	-52.31	2.4G	-55.54	21.99485G	-44.45	1

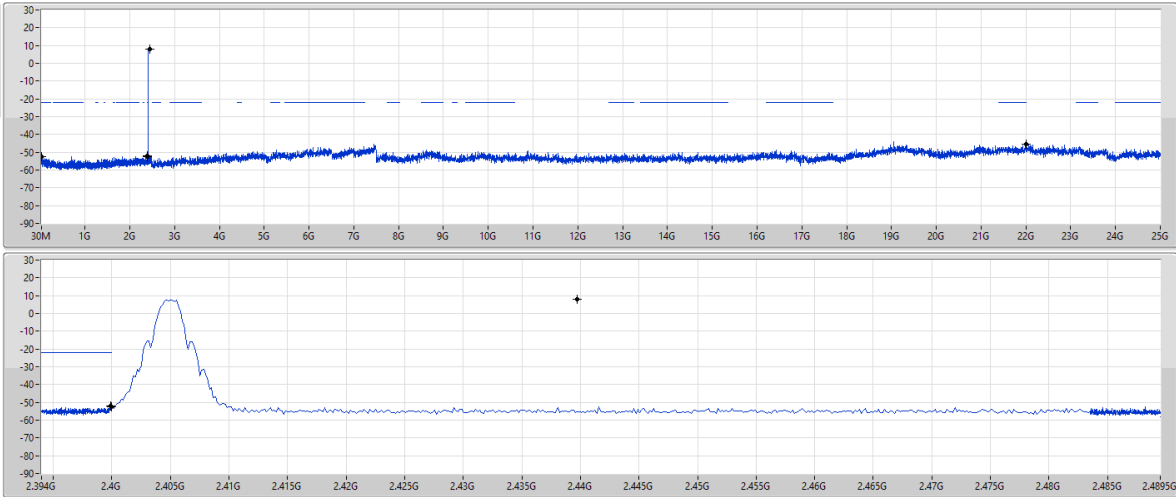
2.4-2.4835GHz_802.15.4_1TX

CSEndB

2405MHz

18/02/2026

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
2.43975G	7.98	-22.02	31.18M	-52.54	2.39987G	-52.23	2.4G	-52.36	22.00892G	-45.56	1

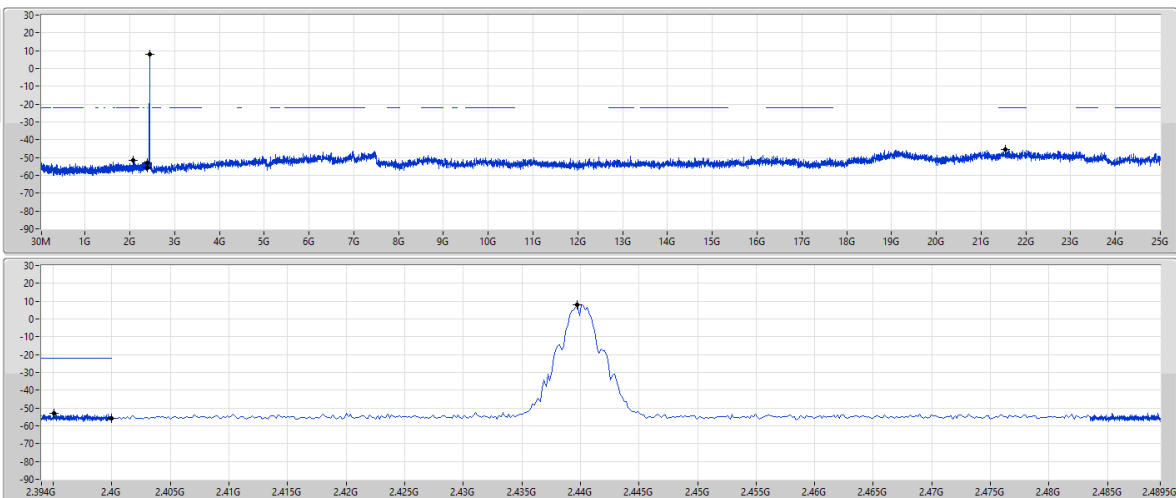
2.4-2.4835GHz_802.15.4_1TX

CSEndB

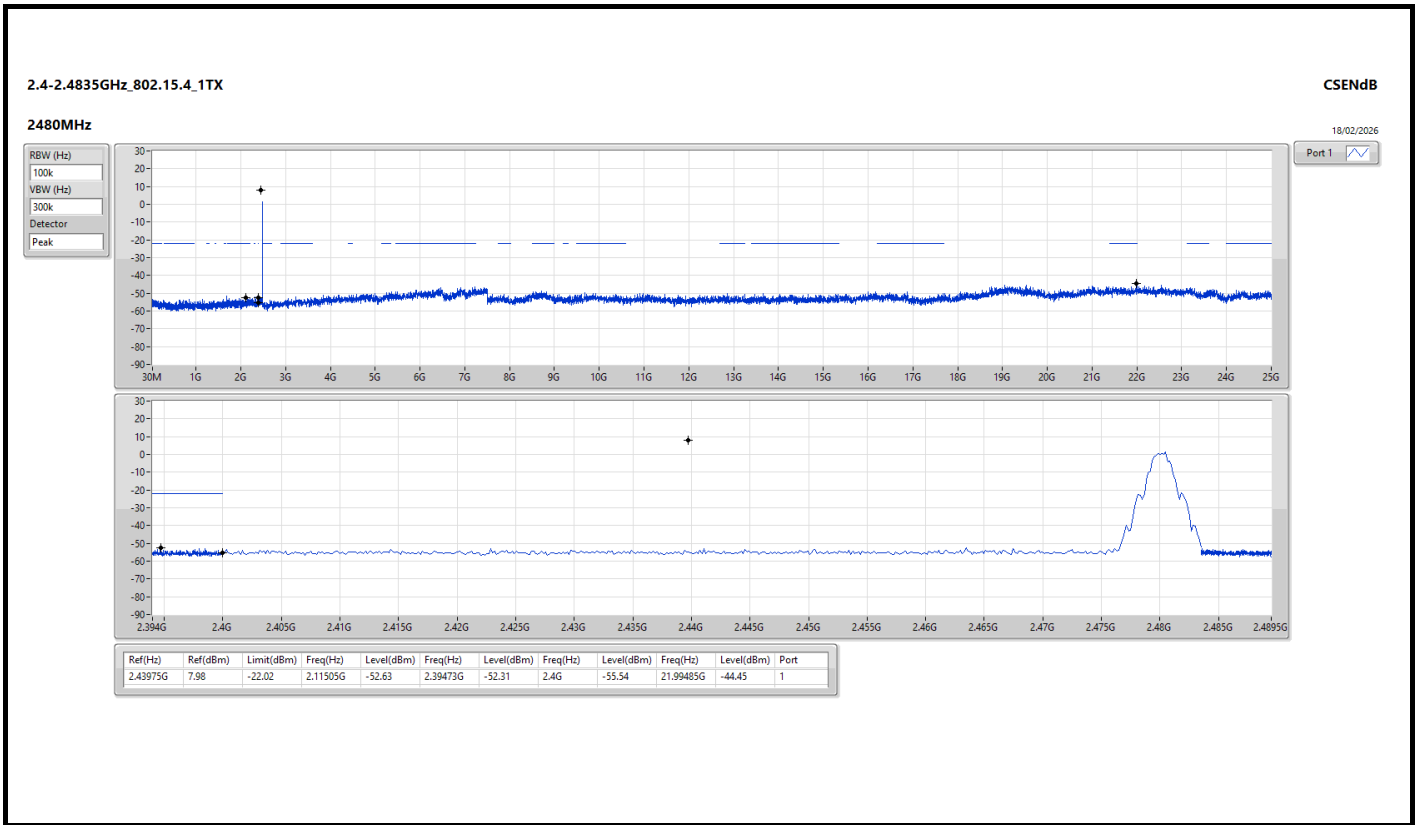
2440MHz

18/02/2026

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
2.43975G	7.98	-22.02	2.07722G	-51.66	2.39507G	-53.17	2.4G	-55.84	21.54464G	-45.68	1





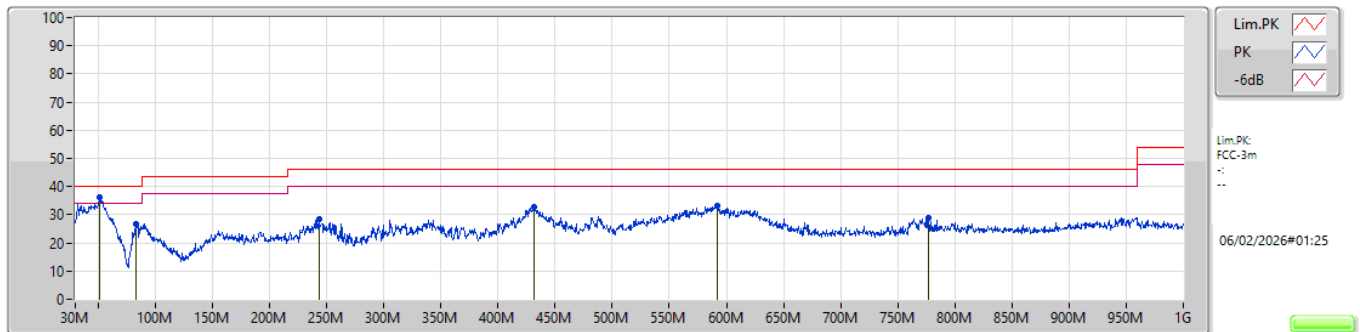
Radiated Emissions below 1GHz

Appendix F.1

Summary

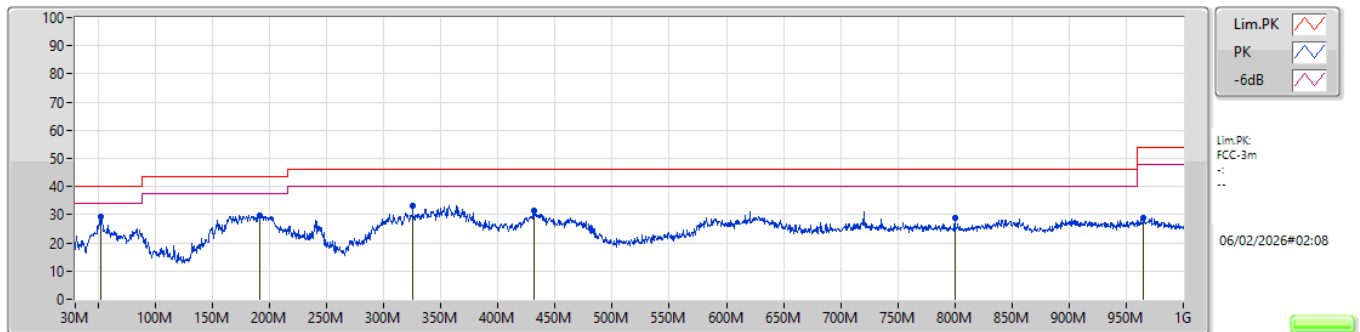
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 6	Pass	PK	51.34M	36.21	40.00	-3.79	Vertical

Mode 6



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	51.34M	36.21	40.00	-3.79	-34.18	3	Vertical	21	2.00	"Worst"	70.39	19.58	0.37	54.13		
PK	83.35M	26.88	40.00	-13.12	-39.15	3	Vertical	229	1.00	-	66.03	14.07	0.63	53.85		
PK	243.4M	28.66	46.00	-17.34	-34.32	3	Vertical	97	1.00	-	62.98	17.43	1.86	53.61		
PK	431.1M	32.97	46.00	-13.03	-28.65	3	Vertical	139	2.00	-	61.62	22.53	2.48	53.66		
PK	591.63M	33.24	46.00	-12.76	-24.17	3	Vertical	286	2.00	-	57.41	25.45	3.36	52.98		
PK	777.39M	28.81	46.00	-17.19	-20.00	3	Vertical	130	3.00	-	48.81	28.11	3.94	52.05		

Mode 6



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	52.8M	29.29	40.00	-10.71	-34.17	3	Horizontal	193	1.00	"Worst"	63.46	19.53	0.39	54.09		
PK	191.99M	29.79	43.50	-13.71	-36.12	3	Horizontal	185	2.00	-	65.91	16.02	1.62	53.76		
PK	325.37M	33.00	46.00	-13.00	-31.57	3	Horizontal	23	1.00	-	64.57	20.00	2.24	53.81		
PK	431.1M	31.44	46.00	-14.56	-28.65	3	Horizontal	220	1.00	-	60.09	22.53	2.48	53.66		
PK	800.18M	28.78	46.00	-17.22	-19.74	3	Horizontal	5	3.00	-	48.52	28.09	4.04	51.87		
PK	965.08M	28.80	54.00	-25.20	-17.44	3	Horizontal	112	4.00	-	46.24	29.72	4.54	51.70		

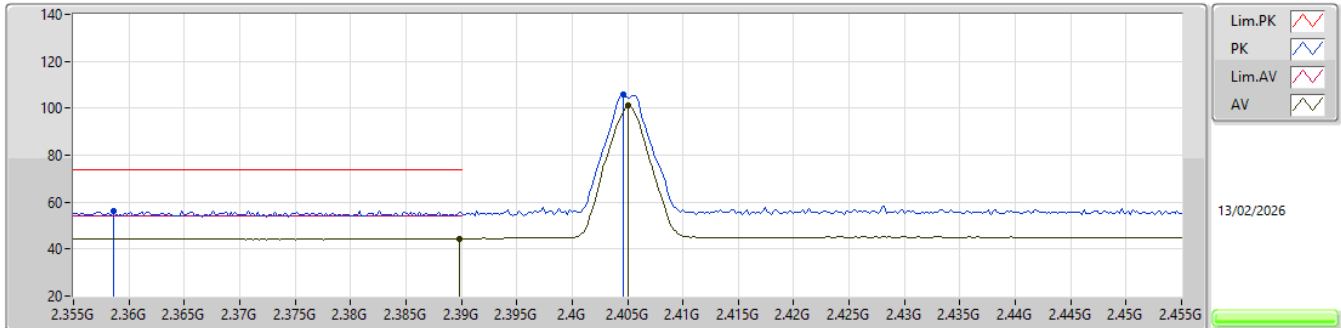


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
Zigbee	Pass	AV	2.4835G	53.71	54.00	-0.29	3	Vertical	136	2.80	-

2.4-2.4835GHz_Zigbee

2405MHz_TX

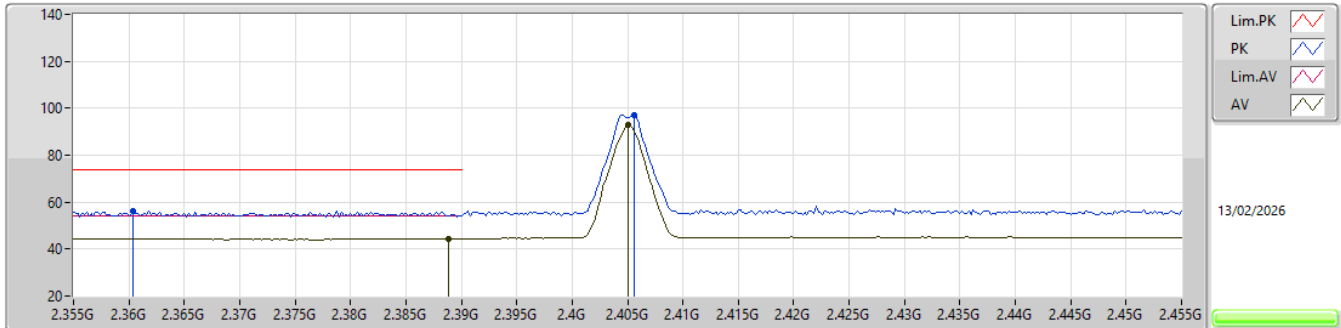


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.3586G	56.45	74.00	-17.55	23.77	3	Vertical	131	3.00	-	27.40	5.28	-				
AV	2.3898G	44.51	54.00	-9.49	11.76	3	Vertical	131	3.00	-	27.40	5.35	-				
PK	2.4046G	105.71	Inf	-Inf	72.84	3	Vertical	131	3.00	-	27.50	5.37	-				
AV	2.405G	101.44	Inf	-Inf	68.56	3	Vertical	131	3.00	-	27.50	5.38	-				

2.4-2.4835GHz_Zigbee

2405MHz_TX

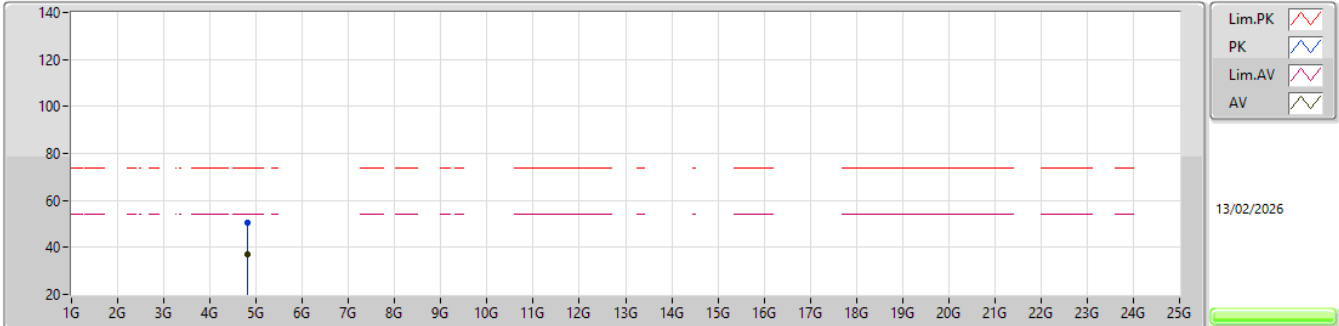


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3604G	56.13	74.00	-17.87	23.44	3	Horizontal	115	1.13	-	27.40	5.29	-				
AV	2.3888G	44.47	54.00	-9.53	11.73	3	Horizontal	115	1.13	-	27.39	5.35	-				
PK	2.4056G	97.26	Inf	-Inf	64.38	3	Horizontal	115	1.13	-	27.50	5.38	-				
AV	2.405G	93.02	Inf	-Inf	60.14	3	Horizontal	115	1.13	-	27.50	5.38	-				

2.4-2.4835GHz_Zigbee

2405MHz_TX

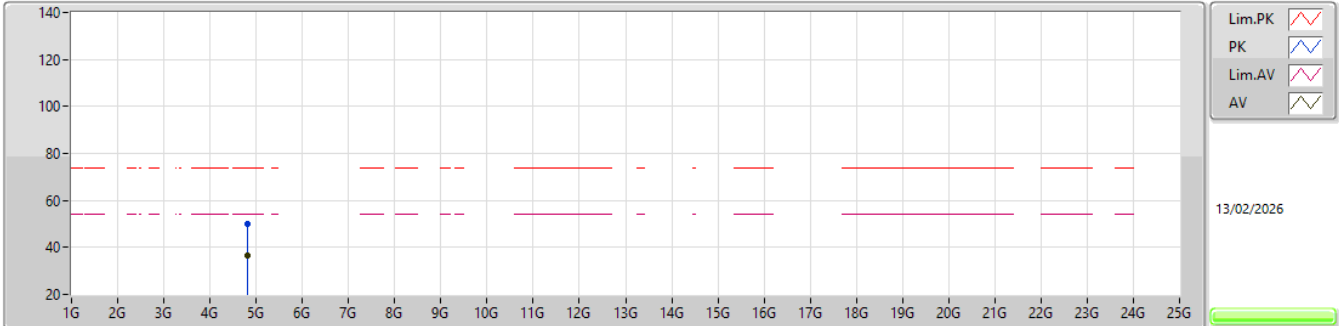


EUTZ_1TX
Setting 10.5
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82092G	50.77	74.00	-23.23	41.65	3	Vertical	188	1.80	-	32.43	9.26	32.57			
AV	4.81012G	36.83	54.00	-17.17	27.80	3	Vertical	188	1.80	-	32.36	9.24	32.57			

2.4-2.4835GHz_Zigbee

2405MHz_TX

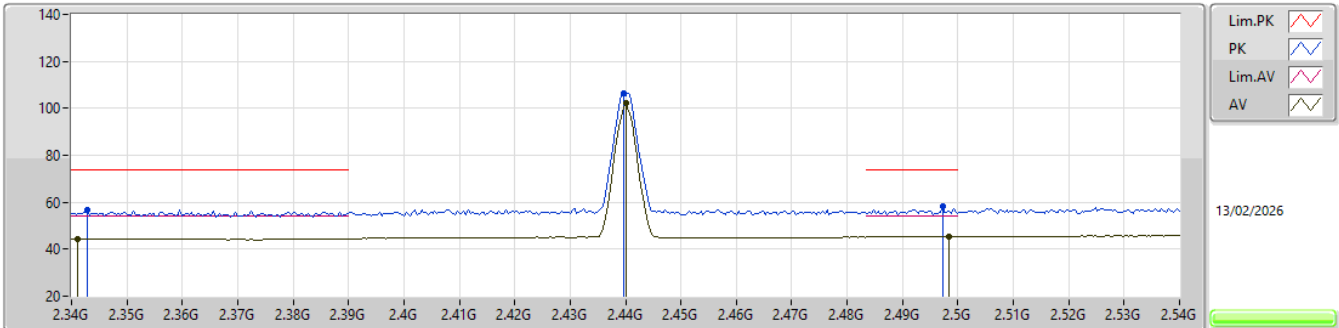


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.7998G	49.76	74.00	-24.24	40.81	3	Horizontal	330	1.00	-	32.30	9.22	32.57			
AV	4.81252G	36.80	54.00	-17.20	27.74	3	Horizontal	330	1.00	-	32.38	9.25	32.57			

2.4-2.4835GHz_Zigbee

2440MHz_TX

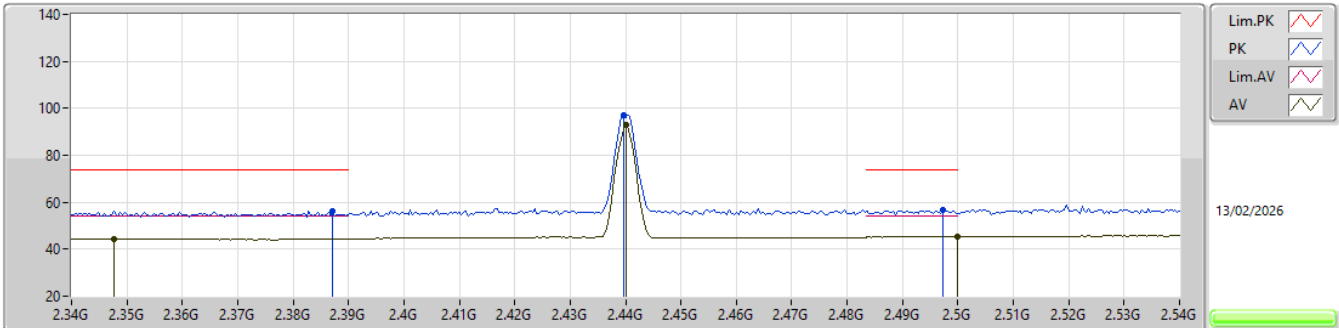


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.3428G	56.76	74.00	-17.24	24.18	3	Vertical	130	2.58	-	27.33	5.25	-				
AV	2.3412G	44.48	54.00	-9.52	11.92	3	Vertical	130	2.58	-	27.31	5.25	-				
PK	2.4396G	106.27	Inf	-Inf	73.26	3	Vertical	130	2.58	-	27.60	5.41	-				
AV	2.44G	102.13	Inf	-Inf	69.12	3	Vertical	130	2.58	-	27.60	5.41	-				
PK	2.4972G	58.43	74.00	-15.57	24.96	3	Vertical	130	2.58	-	28.00	5.47	-				
AV	2.4984G	45.42	54.00	-8.58	11.95	3	Vertical	130	2.58	-	28.00	5.47	-				

2.4-2.4835GHz_Zigbee

2440MHz_TX

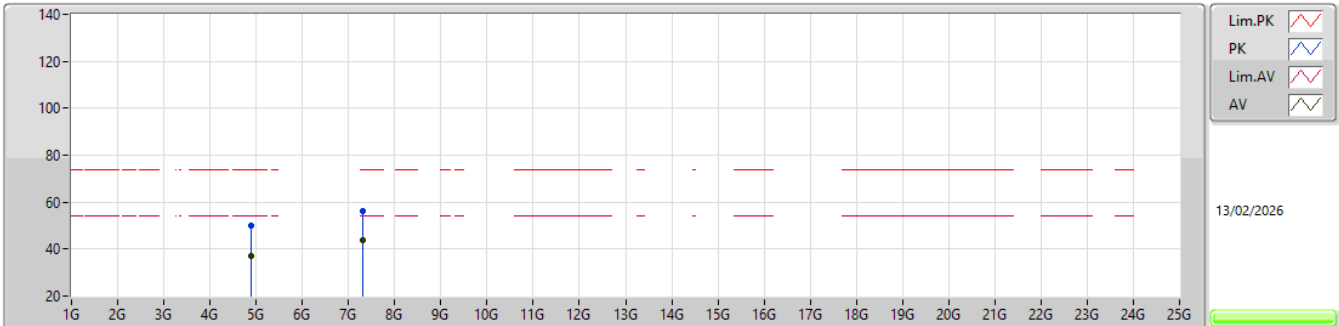


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.3872G	56.29	74.00	-17.71	23.58	3	Horizontal	291	1.12	-	27.37	5.34	-				
AV	2.3476G	44.49	54.00	-9.51	11.85	3	Horizontal	291	1.12	-	27.38	5.26	-				
PK	2.4396G	97.15	Inf	-Inf	64.14	3	Horizontal	291	1.12	-	27.60	5.41	-				
AV	2.44G	92.83	Inf	-Inf	59.82	3	Horizontal	291	1.12	-	27.60	5.41	-				
PK	2.4972G	56.81	74.00	-17.19	23.34	3	Horizontal	291	1.12	-	28.00	5.47	-				
AV	2.5G	45.36	54.00	-8.64	11.89	3	Horizontal	291	1.12	-	28.00	5.47	-				

2.4-2.4835GHz_Zigbee

2440MHz_TX

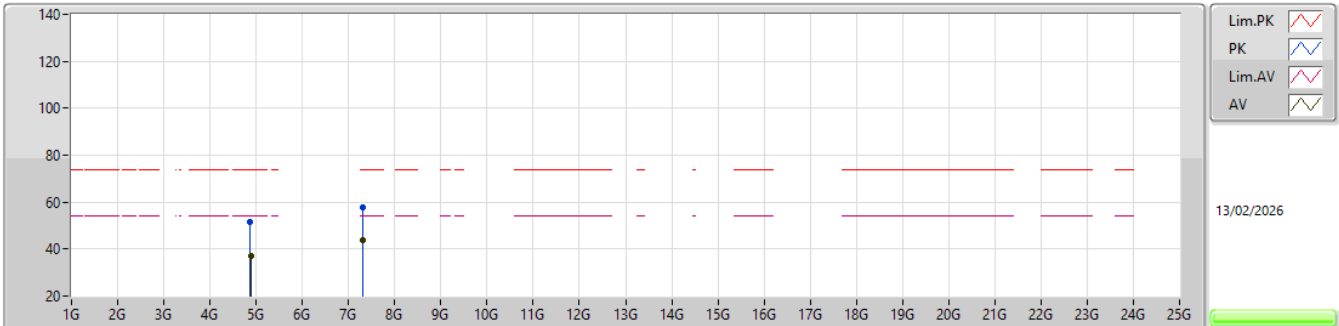


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8938G	49.85	74.00	-24.15	40.32	3	Vertical	93	1.18	-	32.69	9.42	32.58				
AV	4.89434G	37.16	54.00	-16.84	27.63	3	Vertical	93	1.18	-	32.69	9.42	32.58				
PK	7.3098G	56.46	74.00	-17.54	40.41	3	Vertical	275	2.88	-	36.96	11.72	32.63				
AV	7.3077G	43.69	54.00	-10.31	27.63	3	Vertical	275	2.88	-	36.97	11.72	32.63				

2.4-2.4835GHz_Zigbee

2440MHz_TX

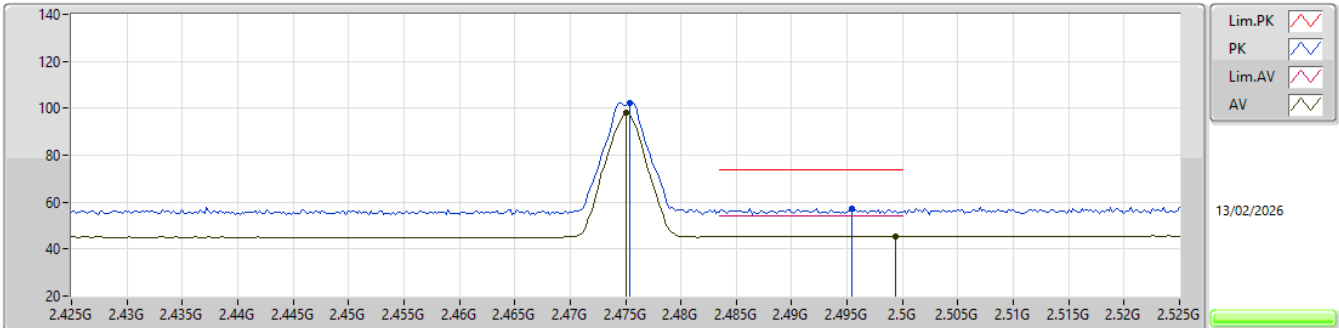


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87382G	51.72	74.00	-22.28	42.26	3	Horizontal	36	2.25	-	32.65	9.38	32.57				
AV	4.89386G	37.08	54.00	-16.92	27.55	3	Horizontal	36	2.25	-	32.69	9.42	32.58				
PK	7.30584G	57.67	74.00	-16.33	41.60	3	Horizontal	239	2.48	-	36.98	11.72	32.63				
AV	7.3074G	43.66	54.00	-10.34	27.60	3	Horizontal	239	2.48	-	36.97	11.72	32.63				

2.4-2.4835GHz_Zigbee

2475MHz_TX

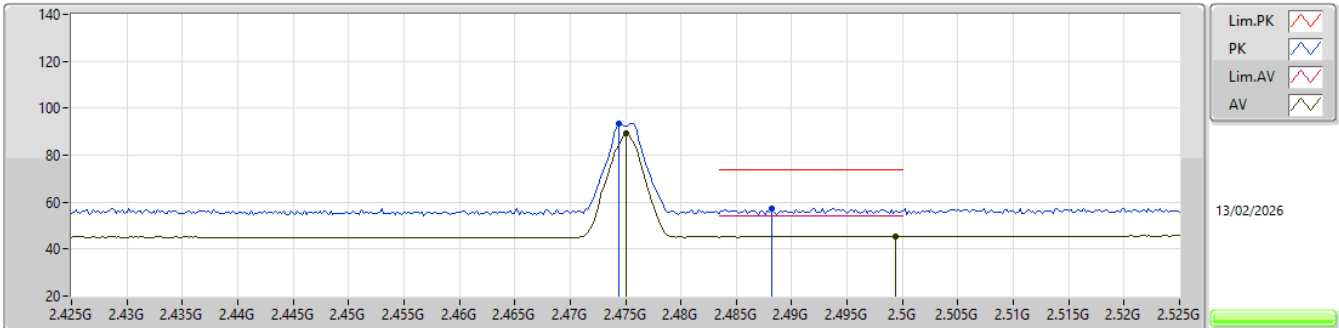


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4754G	102.46	Inf	-Inf	69.16	3	Vertical	134	2.77	-	27.85	5.45	-				
AV	2.475G	98.29	Inf	-Inf	64.99	3	Vertical	134	2.77	-	27.85	5.45	-				
PK	2.4954G	57.41	74.00	-16.59	23.94	3	Vertical	134	2.77	-	28.00	5.47	-				
AV	2.4994G	45.38	54.00	-8.62	11.91	3	Vertical	134	2.77	-	28.00	5.47	-				

2.4-2.4835GHz_Zigbee

2475MHz_TX

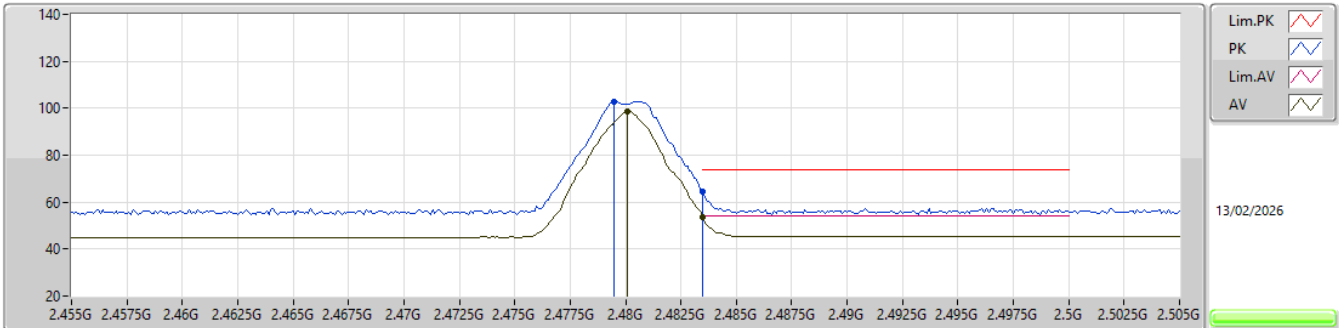


EUT_Z_1TX
Setting 10.5
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4744G	93.69	Inf	-Inf	60.40	3	Horizontal	288	1.27	-	27.84	5.45	-				
AV	2.475G	89.48	Inf	-Inf	56.18	3	Horizontal	288	1.27	-	27.85	5.45	-				
PK	2.4882G	57.18	74.00	-16.82	23.74	3	Horizontal	288	1.27	-	27.98	5.46	-				
AV	2.4994G	45.42	54.00	-8.58	11.95	3	Horizontal	288	1.27	-	28.00	5.47	-				

2.4-2.4835GHz_Zigbee

2480MHz_TX

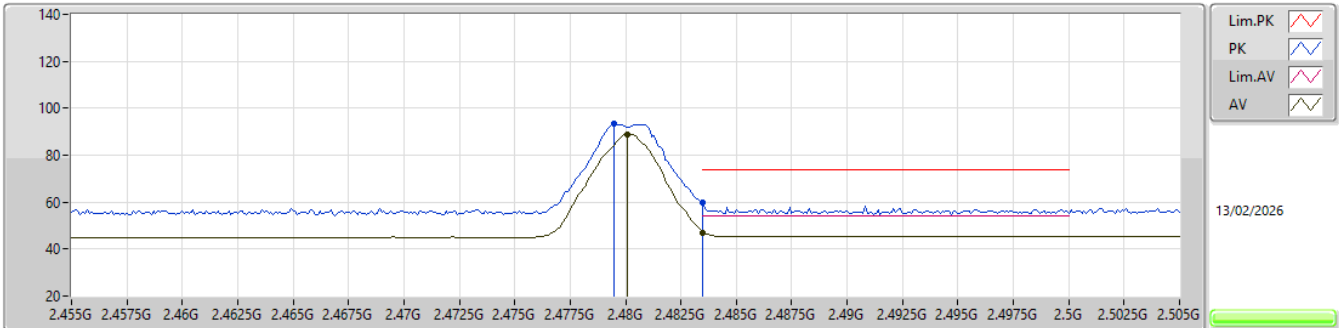


EUT_Z_1TX
Setting 6
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	2.4795G	102.89	Inf	-Inf	69.55	3	Vertical	136	2.80	-	27.89	5.45	-					
AV	2.4801G	98.65	Inf	-Inf	65.30	3	Vertical	136	2.80	-	27.90	5.45	-					
PK	2.4835G	64.57	74.00	-9.43	31.17	3	Vertical	136	2.80	-	27.94	5.46	-					
AV	2.4835G	53.71	54.00	-0.29	20.31	3	Vertical	136	2.80	-	27.94	5.46	-					

2.4-2.4835GHz_Zigbee

2480MHz_TX

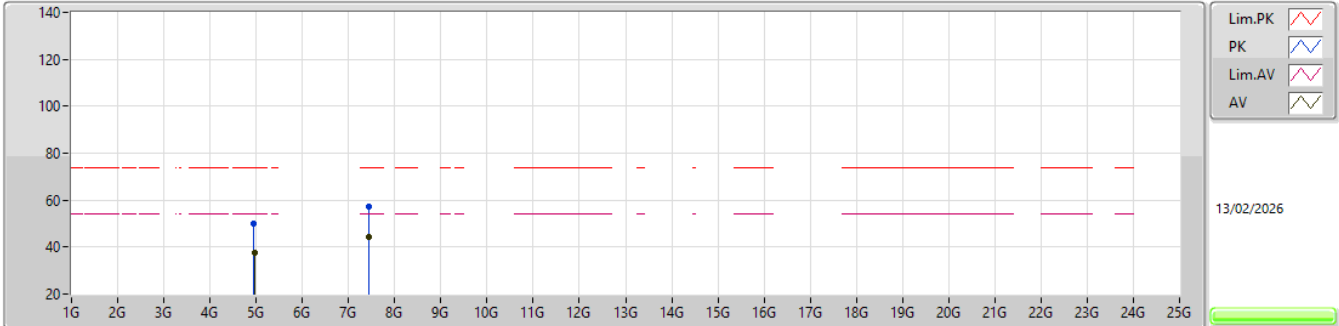


EUT_Z_1TX
Setting 6
01-U-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4795G	93.22	Inf	-Inf	59.88	3	Horizontal	291	1.14	-	27.89	5.45	-				
AV	2.4801G	89.02	Inf	-Inf	55.67	3	Horizontal	291	1.14	-	27.90	5.45	-				
PK	2.4835G	59.57	74.00	-14.43	26.17	3	Horizontal	291	1.14	-	27.94	5.46	-				
AV	2.4835G	46.86	54.00	-7.14	13.46	3	Horizontal	291	1.14	-	27.94	5.46	-				

2.4-2.4835GHz_Zigbee

2480MHz_TX

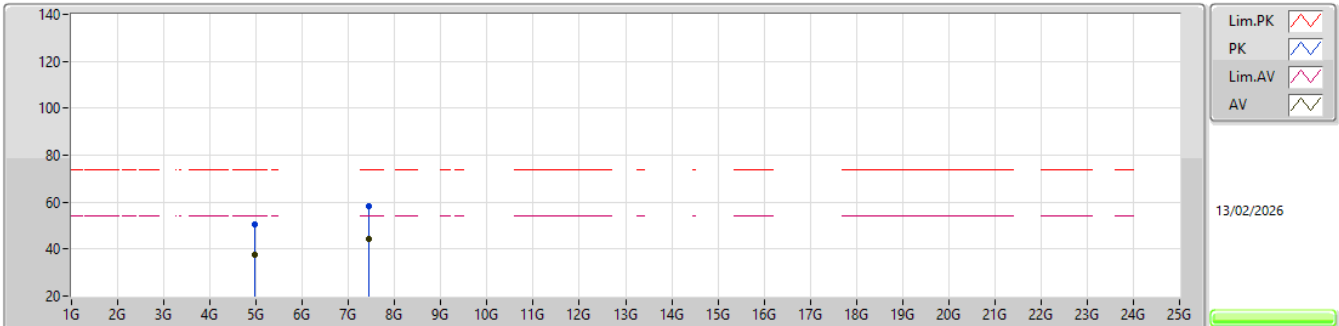


EUT_Z_1TX
Setting 6
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95208G	50.21	74.00	-23.79	40.25	3	Vertical	338	2.14	-	33.00	9.54	32.58			
AV	4.97434G	37.58	54.00	-16.42	27.52	3	Vertical	338	2.14	-	33.05	9.59	32.58			
PK	7.42806G	57.34	74.00	-16.66	41.63	3	Vertical	42	1.59	-	36.40	11.90	32.59			
AV	7.43346G	44.23	54.00	-9.77	28.52	3	Vertical	42	1.59	-	36.40	11.90	32.59			

2.4-2.4835GHz_Zigbee

2480MHz_TX



EUT_Z_1TX
Setting 6
01-U-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.97254G	50.61	74.00	-23.39	40.56	3	Horizontal	142	1.69	-	33.05	9.58	32.58				
AV	4.96612G	37.39	54.00	-16.61	27.37	3	Horizontal	142	1.69	-	33.03	9.57	32.58				
PK	7.43712G	58.28	74.00	-15.72	42.56	3	Horizontal	175	2.06	-	36.40	11.90	32.58				
AV	7.42824G	44.31	54.00	-9.69	28.60	3	Horizontal	175	2.06	-	36.40	11.90	32.59				

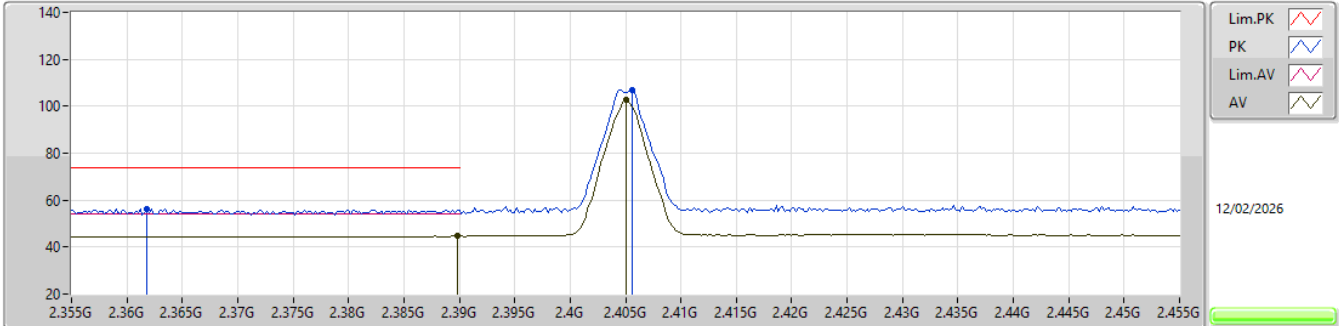


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.15.4	Pass	AV	2.4835G	53.81	54.00	-0.19	3	Horizontal	56	1.00	-

2.4-2.4835GHz_802.15.4

2405MHz_TX

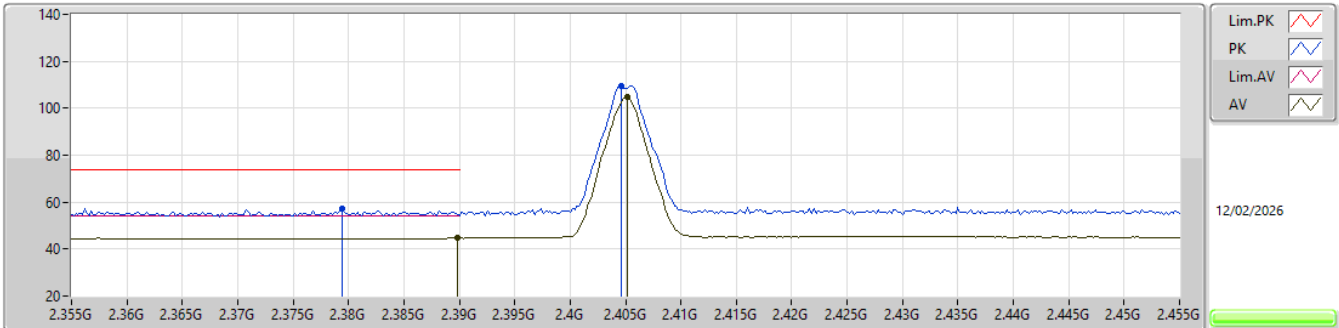


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3618G	56.41	74.00	-17.59	23.74	3	Vertical	353	2.80	-	27.38	5.29	-				
AV	2.3898G	44.62	54.00	-9.38	11.87	3	Vertical	353	2.80	-	27.40	5.35	-				
PK	2.4056G	106.88	Inf	-Inf	74.00	3	Vertical	353	2.80	-	27.50	5.38	-				
AV	2.405G	102.91	Inf	-Inf	70.03	3	Vertical	353	2.80	-	27.50	5.38	-				

2.4-2.4835GHz_802.15.4

2405MHz_TX

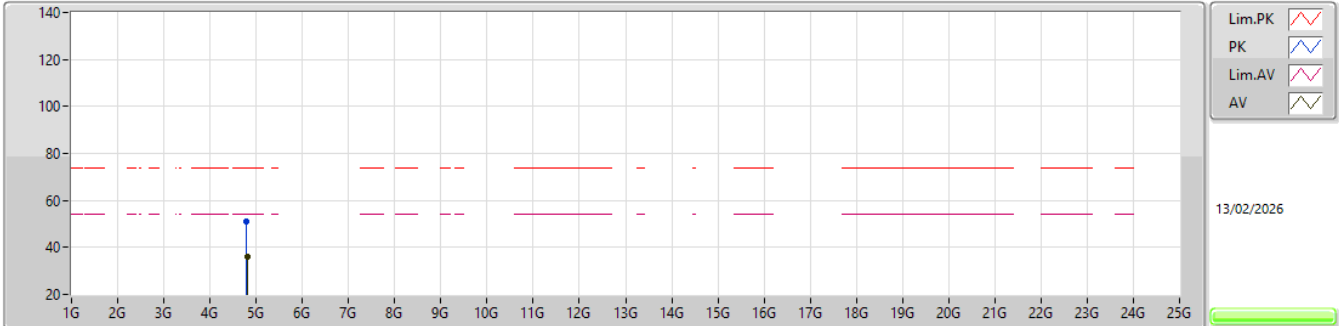


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3794G	57.05	74.00	-16.95	24.42	3	Horizontal	318	1.00	-	27.30	5.33	-				
AV	2.3898G	44.70	54.00	-9.30	11.95	3	Horizontal	318	1.00	-	27.40	5.35	-				
PK	2.4046G	109.48	Inf	-Inf	76.61	3	Horizontal	318	1.00	-	27.50	5.37	-				
AV	2.4052G	104.93	Inf	-Inf	72.05	3	Horizontal	318	1.00	-	27.50	5.38	-				

2.4-2.4835GHz_802.15.4

2405MHz_TX

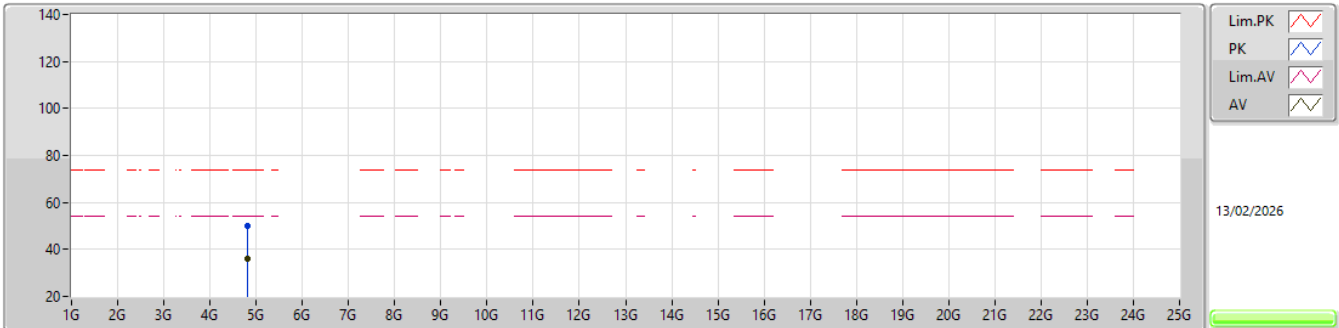


EUT_V_1TX
Setting 10.5
01-C-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.79572G	50.97	74.00	-23.03	42.06	3	Vertical	77	2.00	-	32.27	9.21	32.57			
AV	4.8109G	36.23	54.00	-17.77	27.19	3	Vertical	77	2.00	-	32.37	9.24	32.57			

2.4-2.4835GHz_802.15.4

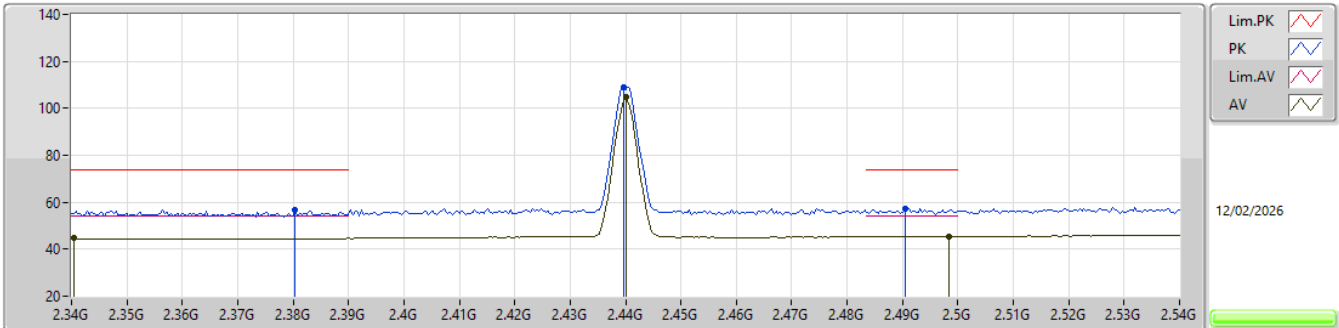
2405MHz_TX


EUT_V_1TX
Setting 10.5
01-C-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80808G	49.91	74.00	-24.09	40.89	3	Horizontal	235	1.24	-	32.35	9.24	32.57			
AV	4.81084G	36.27	54.00	-17.73	27.23	3	Horizontal	235	1.24	-	32.37	9.24	32.57			

2.4-2.4835GHz_802.15.4

2440MHz_TX

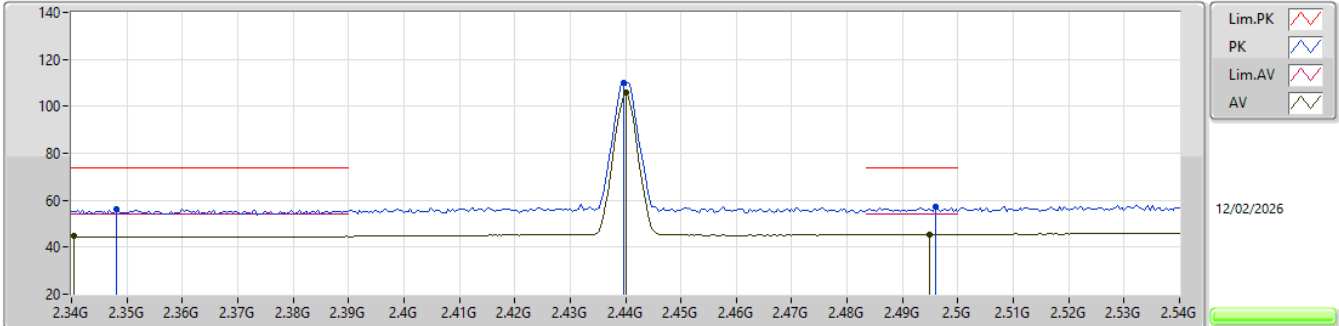


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.3804G	56.85	74.00	-17.15	24.22	3	Vertical	350	3.00	-	27.30	5.33	-				
AV	2.3404G	44.65	54.00	-9.35	12.11	3	Vertical	350	3.00	-	27.30	5.24	-				
PK	2.4396G	109.13	Inf	-Inf	76.12	3	Vertical	350	3.00	-	27.60	5.41	-				
AV	2.44G	104.95	Inf	-Inf	71.94	3	Vertical	350	3.00	-	27.60	5.41	-				
PK	2.4904G	57.35	74.00	-16.65	23.89	3	Vertical	350	3.00	-	28.00	5.46	-				
AV	2.4984G	45.46	54.00	-8.54	11.99	3	Vertical	350	3.00	-	28.00	5.47	-				

2.4-2.4835GHz_802.15.4

2440MHz_TX

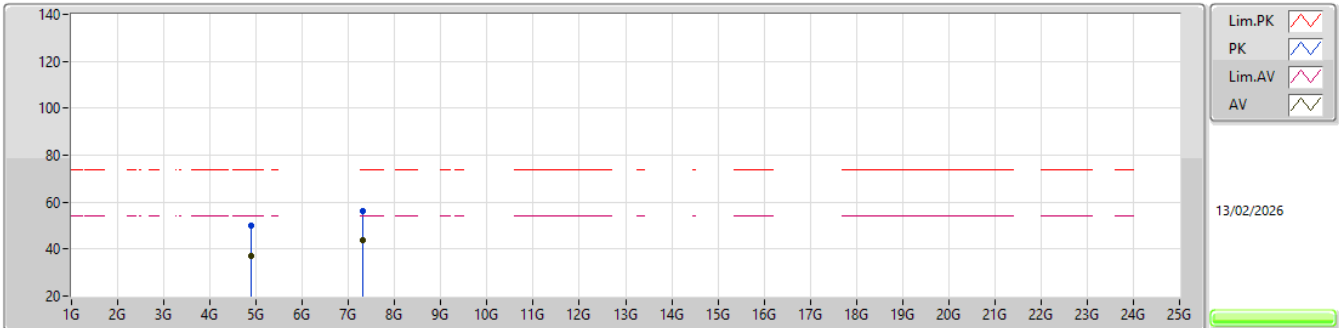


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	2.348G	56.44	74.00	-17.56	23.80	3	Horizontal	55	1.00	-	27.38	5.26	-					
AV	2.3404G	44.66	54.00	-9.34	12.12	3	Horizontal	55	1.00	-	27.30	5.24	-					
PK	2.4396G	110.21	Inf	-Inf	77.20	3	Horizontal	55	1.00	-	27.60	5.41	-					
AV	2.44G	106.09	Inf	-Inf	73.08	3	Horizontal	55	1.00	-	27.60	5.41	-					
PK	2.496G	57.25	74.00	-16.75	23.78	3	Horizontal	55	1.00	-	28.00	5.47	-					
AV	2.4948G	45.52	54.00	-8.48	12.05	3	Horizontal	55	1.00	-	28.00	5.47	-					

2.4-2.4835GHz_802.15.4

2440MHz_TX

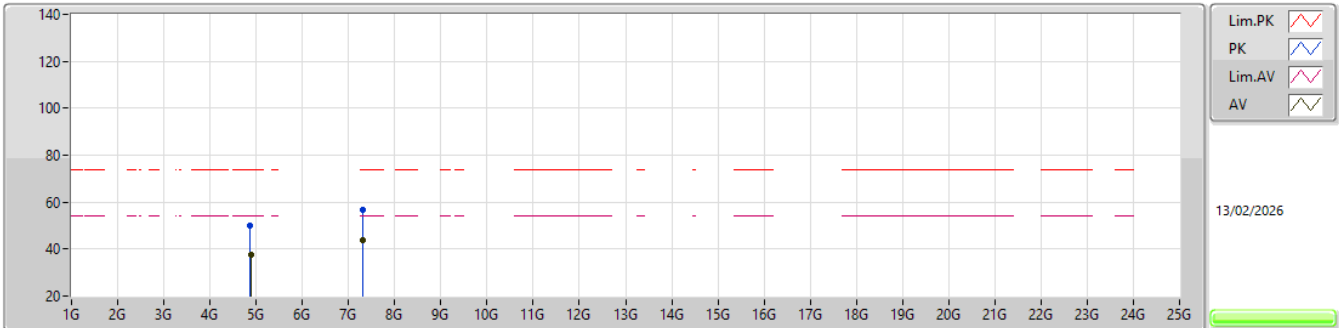


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.89398G	50.01	74.00	-23.99	40.48	3	Vertical	351	2.62	-	32.69	9.42	32.58				
AV	4.89074G	37.26	54.00	-16.74	27.75	3	Vertical	351	2.62	-	32.68	9.41	32.58				
PK	7.31184G	56.15	74.00	-17.85	40.10	3	Vertical	4	2.74	-	36.95	11.73	32.63				
AV	7.30986G	43.80	54.00	-10.20	27.75	3	Vertical	4	2.74	-	36.96	11.72	32.63				

2.4-2.4835GHz_802.15.4

2440MHz_TX

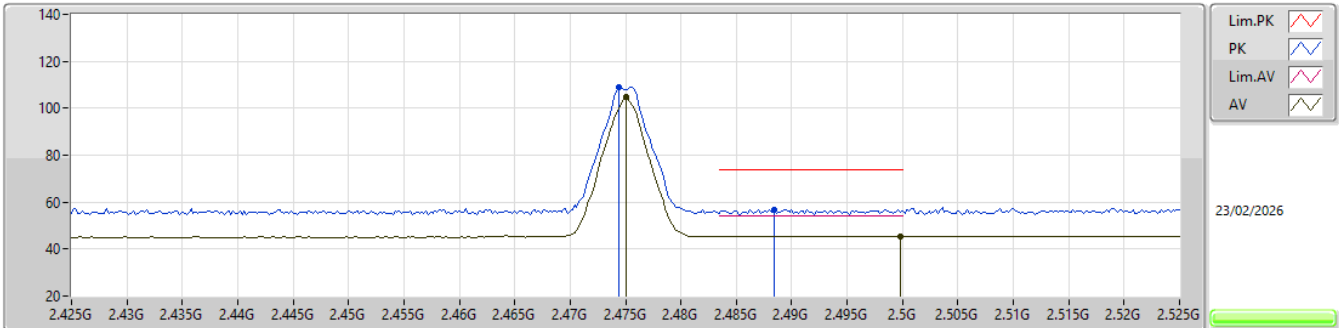


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87496G	50.21	74.00	-23.79	40.75	3	Horizontal	37	1.71	-	32.65	9.38	32.57			
AV	4.89332G	37.45	54.00	-16.55	27.92	3	Horizontal	37	1.71	-	32.69	9.42	32.58			
PK	7.30542G	56.89	74.00	-17.11	40.82	3	Horizontal	313	1.35	-	36.98	11.72	32.63			
AV	7.30572G	43.93	54.00	-10.07	27.86	3	Horizontal	313	1.35	-	36.98	11.72	32.63			

2.4-2.4835GHz_802.15.4

2475MHz_TX

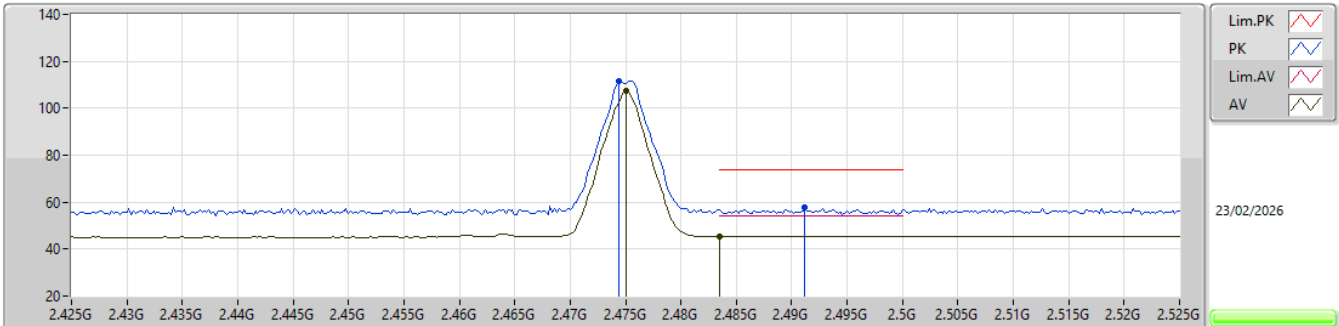


EUT_Y_1TX
Setting 10.5
02-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4744G	108.89	Inf	-Inf	76.02	3	Vertical	360	2.74	-	28.40	4.47	-				
AV	2.475G	104.71	Inf	-Inf	71.84	3	Vertical	360	2.74	-	28.40	4.47	-				
PK	2.4884G	56.89	74.00	-17.11	23.92	3	Vertical	360	2.74	-	28.48	4.49	-				
AV	2.4998G	45.45	54.00	-8.55	12.35	3	Vertical	360	2.74	-	28.60	4.50	-				

2.4-2.4835GHz_802.15.4

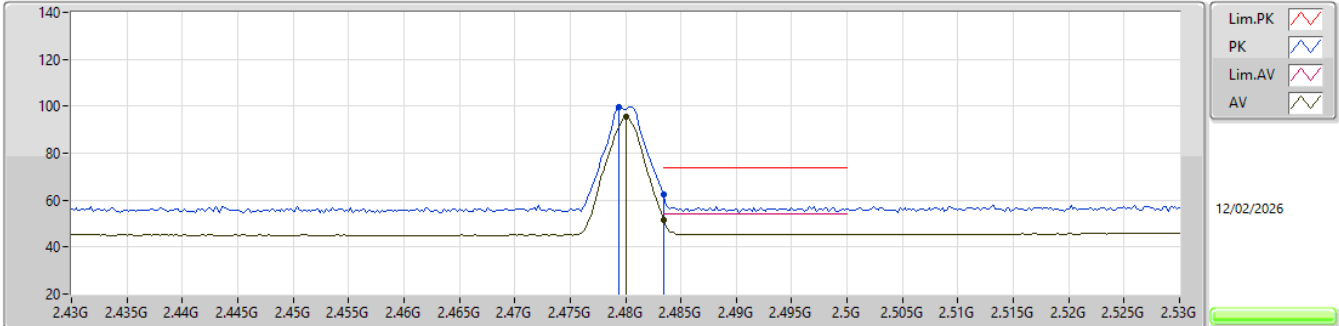
2475MHz_TX


EUT_Y_1TX
Setting 10.5
02-D-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	2.4744G	111.69	Inf	-Inf	78.82	3	Horizontal	56	1.04	-	28.40	4.47	-					
AV	2.475G	107.50	Inf	-Inf	74.63	3	Horizontal	56	1.04	-	28.40	4.47	-					
PK	2.4912G	57.65	74.00	-16.35	24.65	3	Horizontal	56	1.04	-	28.51	4.49	-					
AV	2.4835G	45.45	54.00	-8.55	12.53	3	Horizontal	56	1.04	-	28.44	4.48	-					

2.4-2.4835GHz_802.15.4

2480MHz_TX

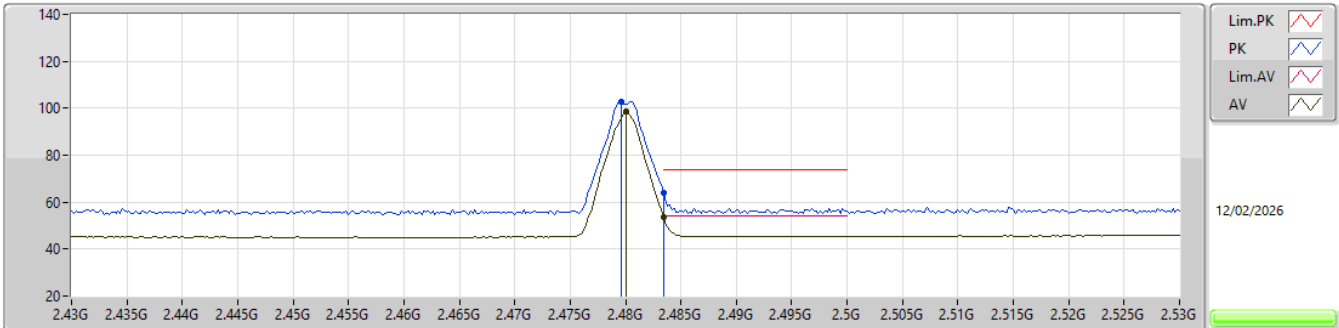


EUT_Y_1TX
Setting 4
01-C-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	2.4794G	99.89	Inf	-Inf	66.55	3	Vertical	359	2.68	-	27.89	5.45	-					
AV	2.48G	95.75	Inf	-Inf	62.40	3	Vertical	359	2.68	-	27.90	5.45	-					
PK	2.4835G	62.28	74.00	-11.72	28.89	3	Vertical	359	2.68	-	27.93	5.46	-					
AV	2.4835G	51.76	54.00	-2.24	18.37	3	Vertical	359	2.68	-	27.93	5.46	-					

2.4-2.4835GHz_802.15.4

2480MHz_TX

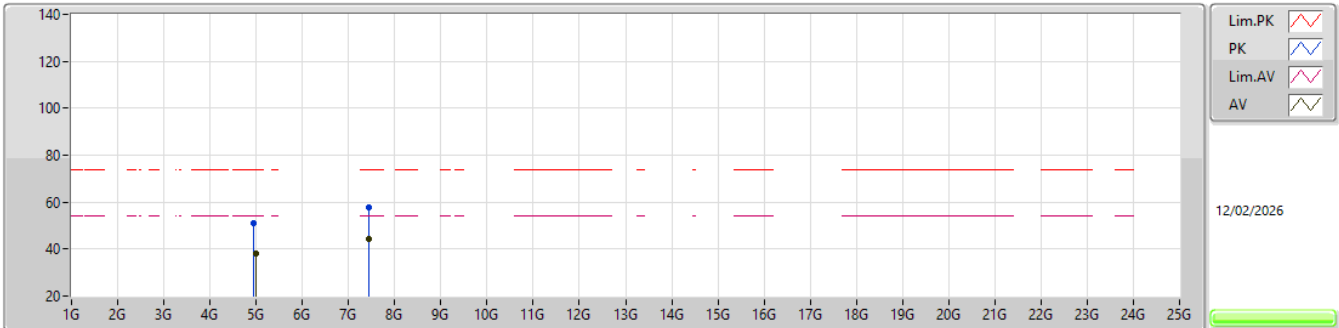


EUT_Y_1TX
Setting 4
01-C-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4796G	102.78	Inf	-Inf	69.43	3	Horizontal	56	1.00	-	27.90	5.45	-				
AV	2.48G	98.59	Inf	-Inf	65.24	3	Horizontal	56	1.00	-	27.90	5.45	-				
PK	2.4835G	63.99	74.00	-10.01	30.59	3	Horizontal	56	1.00	-	27.94	5.46	-				
AV	2.4835G	53.81	54.00	-0.19	20.41	3	Horizontal	56	1.00	-	27.94	5.46	-				

2.4-2.4835GHz_802.15.4

2480MHz_TX

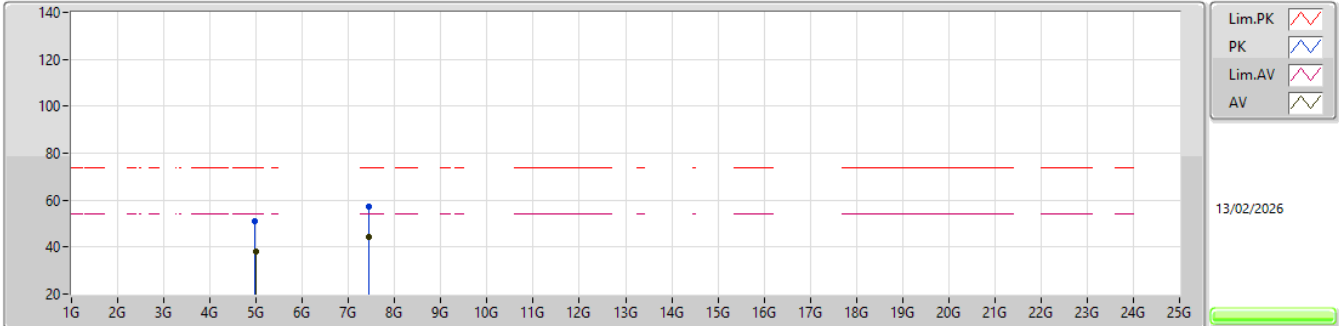


EUT_Y_1TX
Setting 10.5
01-C-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.9468G	51.05	74.00	-22.95	41.12	3	Vertical	359	1.80	-	32.98	9.53	32.58				
AV	4.9826G	37.94	54.00	-16.06	27.85	3	Vertical	359	1.80	-	33.07	9.60	32.58				
PK	7.4452G	57.59	74.00	-16.41	41.87	3	Vertical	104	1.80	-	36.40	11.90	32.58				
AV	7.4292G	44.50	54.00	-9.50	28.79	3	Vertical	104	1.80	-	36.40	11.90	32.59				

2.4-2.4835GHz_802.15.4

2480MHz_TX



EUT_Y_1TX
Setting 10.5
01-C-C-6

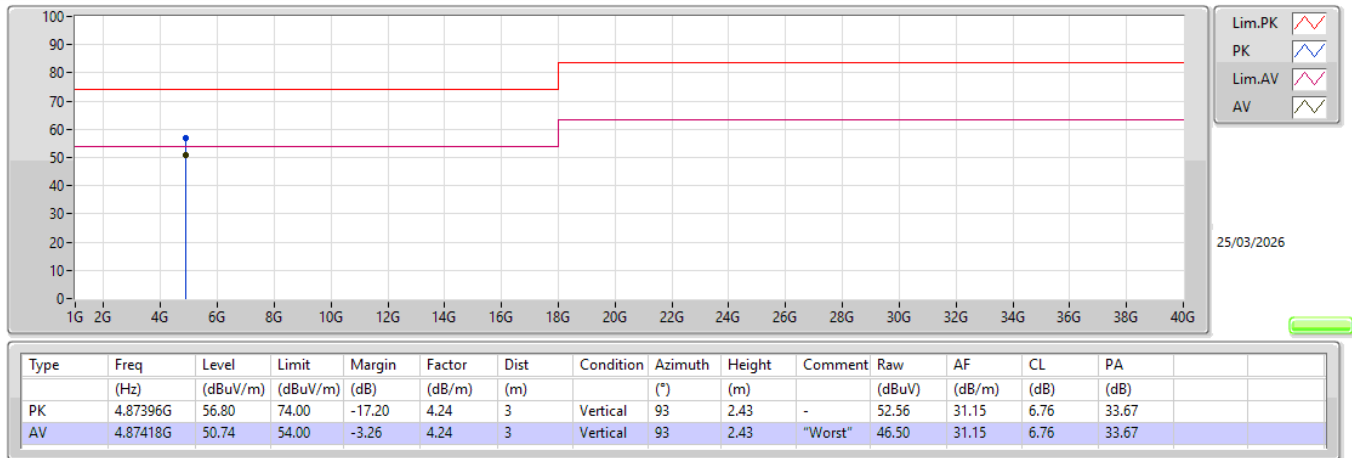
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.9742G	51.06	74.00	-22.94	41.00	3	Horizontal	133	2.70	-	33.05	9.59	32.58				
AV	4.9854G	37.90	54.00	-16.10	27.80	3	Horizontal	133	2.70	-	33.07	9.61	32.58				
PK	7.4488G	57.47	74.00	-16.53	41.75	3	Horizontal	171	1.56	-	36.40	11.90	32.58				
AV	7.4296G	44.36	54.00	-9.64	28.65	3	Horizontal	171	1.56	-	36.40	11.90	32.59				



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	4.87418G	50.74	54.00	-3.26	Vertical

Mode 2



Mode 2

