



RADIO TEST REPORT

FCC ID : TLZ-XMA06
Equipment : IEEE 802.11 2X2 a/b/g/n/ac/ax WiFi 6/6E Wireless LAN + Bluetooth 5.3 LGA Module
Brand Name : AzureWave
Model Name : AW-XMA06-T
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 01, 2025, and testing was started from Jun. 13, 2025 and completed on Aug. 04, 2025. 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

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	10
2 Test Configuration of EUT.....	11
2.1 Test Channel Mode	11
2.2 The Worst Case Measurement Configuration.....	12
2.3 EUT Operation during Test	13
2.4 Accessories	13
2.5 Support Equipment.....	14
2.6 Test Setup Diagram	15
3 Transmitter Test Result	17
3.1 AC Power-line Conducted Emissions	17
3.2 DTS Bandwidth	19
3.3 Maximum Conducted Output Power	20
3.4 Power Spectral Density	23
3.5 Emissions in Non-restricted Frequency Bands	25
3.6 Emissions in Restricted Frequency Bands.....	26
4 Test Equipment and Calibration Data	30
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of DTS Bandwidth	
Appendix C. Test Results of Maximum Conducted Output Power	
Appendix D. Test Results of Power Spectral Density	
Appendix E. Test Results of Emissions in Non-restricted Frequency Bands	
Appendix F. Test Results of Emissions in Restricted Frequency Bands	
Appendix G. Test Results of Radiated Emission Co-location	
Appendix H. Test Photos	
Photographs of EUT v01	



History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_6 Ver1.3

Page Number : 3 of 31
Issued Date : Aug. 21, 2025
Report Version : 01



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:

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.

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



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1	1
2.4-2.4835GHz	BT-LE(500Kb/s)	1	1
2.4-2.4835GHz	BT-LE(125Kb/s)	1	1
2.4-2.4835GHz	BT-LE(2Mbps)	2	1

Note:

- ♦ Bluetooth LE uses a GFSK modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Set	Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1~3	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA	I-PEX	Note 1
2	1~3	ARISTOTLE	RFA-27-JP326-C198	PIFA	I-PEX	

Note 1:

Set	Ant.	Port	Gain (dBi)		
			WLAN 2.4GHz	Bluetooth	WLAN 5GHz / WLAN 6GHz
1	1	1	3.5	-	5
	2	2	3.5	-	5
	3	1	-	3.5	-
2	1	1	3.5	-	5
	2	2	3.5	-	5
	3	1	-	3.5	-

Note 2: The above information was declared by manufacturer.

Note 3: The EUT has two sets of antennas, each with three antennas. Because antenna sets 1 and 2 are the same type and gain, only antenna set 1 was tested.

Note 4:

For 2.4GHz function:**For IEEE 802.11 b/g/n/VHT/ax (2TX/2RX):**

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11a/n/ac/ax (2TX/2RX):**

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11ax (2TX/2RX):**

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

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

Note 5: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} \varepsilon_{j,k} \right)^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} \varepsilon_{j,k} \right)^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} \varepsilon_{j,k} \right)^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} \varepsilon_{j,k} \right)^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 3.5 \text{ dBi} ; G2 = 3.5 \text{ dBi} ; DG = 6.51 \text{ dBi}$$

$$5G \text{ UNII-1} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-2A} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-2C} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-3} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-4} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-5} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-6} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-7} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-8} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-LE(1Mbps)	0.625	2.04	390.937u	3k
BT-LE(2Mbps)	0.332	4.79	208.125u	5k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	DutApiMimoApApp_LABTOOL_UNIFIED.exe			
Support Mode	☒	LE 1M PHY: 1 Mb/s		
	☒	LE Coded PHY (S=2): 500 Kb/s		
	☒	LE Coded PHY (S=8): 125 Kb/s		
	☒	LE 2M PHY: 2 Mb/s		

Note: 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 ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Brian Sun	21~22.6 / 61~61	Jul. 23, 2025~ Aug. 04, 2025
Radiated (Below 1GHz)	03CH01-CB	Nyle Chang	21.3~22.3 / 58~61	Jul. 24, 2025~ Jul. 25, 2025
Radiated (Above 1GHz)	03CH01-CB	Nyle Chang	21.3~22.3 / 58~61	Aug. 01, 2025~ Aug. 04, 2025
Radiated (Co-location)	03CH01-CB	Nyle Chang	21.3~22.3 / 58~61	Jul. 24, 2025~ Jul. 25, 2025
AC Conduction	CO01-CB	Gray Lee	22~23 / 58~60	Jun. 13, 2025



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 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
BT-LE(1Mbps)
2402MHz
2440MHz
2480MHz
BT-LE(2Mbps)
2402MHz
2440MHz
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	CTX
1	EUT+WLAN 2.4GHz+Antenna set 1
2	EUT+Bluetooth+Antenna set 1
3	EUT+WLAN 5GHz+Antenna set 1
4	EUT+WLAN 6GHz+Antenna set 1
For operating mode 1 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

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 After evaluating, the worst case axis was found as below from the Radiated emission above 1GHz. So the measurement will follow this same test configuration.
1	EUT in Z axis+WLAN 2.4GHz+Antenna set 1
2	EUT in Z axis+Bluetooth+Antenna set 1
3	EUT in X axis+WLAN 5GHz+Antenna set 1
4	EUT in X axis+WLAN 6GHz+Antenna set 1
For operating mode 2 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 in X axis for Harmonic+Antenna set 1 EUT in Z axis for Bandedge+Antenna set 1

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 from the Radiated emission above 1GHz. So the measurement will follow this same test configuration.
1	EUT in X axis+Bluetooth+WLAN 2.4GHz+Antenna set 1
2	EUT in X axis+Bluetooth+WLAN 5GHz+Antenna set 1
3	EUT in X axis+Bluetooth+WLAN 6GHz+Antenna set 1
For operating mode 1 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+Bluetooth+WLAN 2.4GHz+Antenna set 1
2	EUT+Bluetooth+WLAN 5GHz+Antenna set 1
3	EUT+Bluetooth+WLAN 6GHz+Antenna set 1
Refer to Sporton Test Report No.: FA521125 for Co-location RF Exposure Evaluation.	

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

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	Lenovo	X260	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	Fixture	Azurewave	2460-i11	N/A
E	Fixture	Azurewave	2A06-I3	N/A

For Radiated:

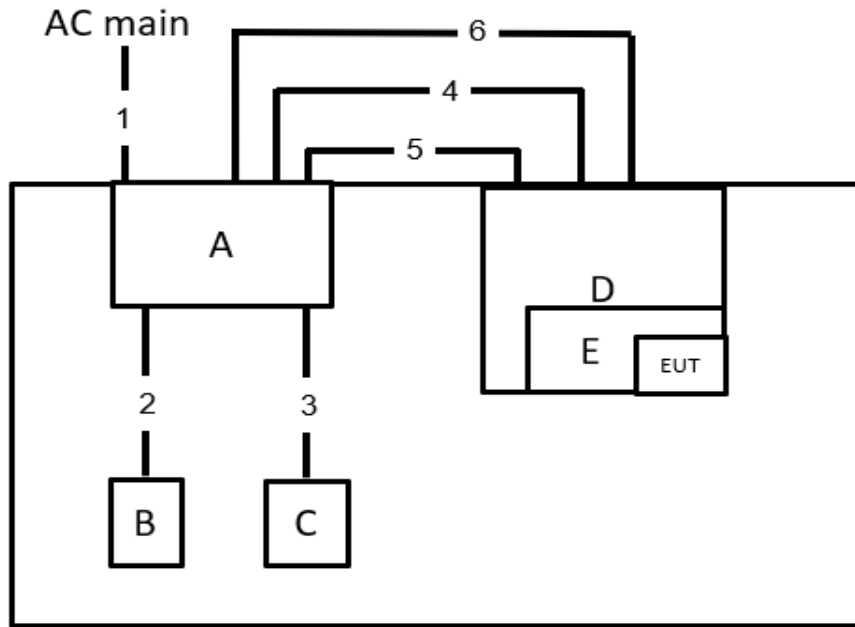
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	Azurewave	2460-i11	N/A
B	Fixture	Azurewave	2A06-I3	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

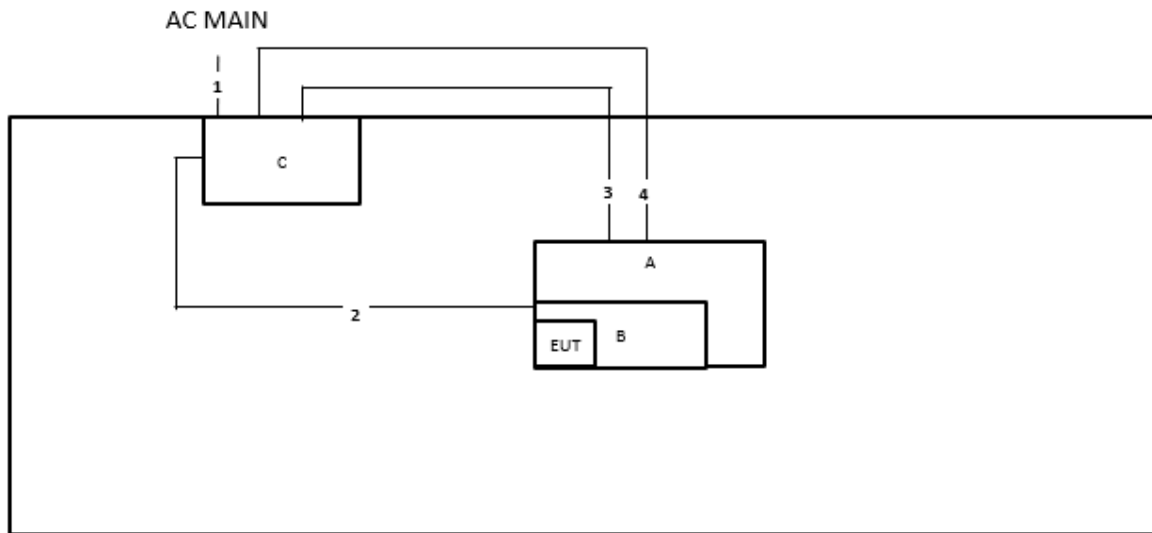
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	Azurewave	2A06-I3	N/A
C	Fixture	Azurewave	2460-i11	N/A

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Audio cable	No	1.2m
3	USB cable	Yes	1.8m
4	Type C USB cable	Yes	1.8m
5	Micro USB cable	Yes	1.5m
6	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	USB to Type C cable	Yes	0.3m
3	USB to Micro cable	Yes	0.7m
4	RJ-45 cable	No	1.5m



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.

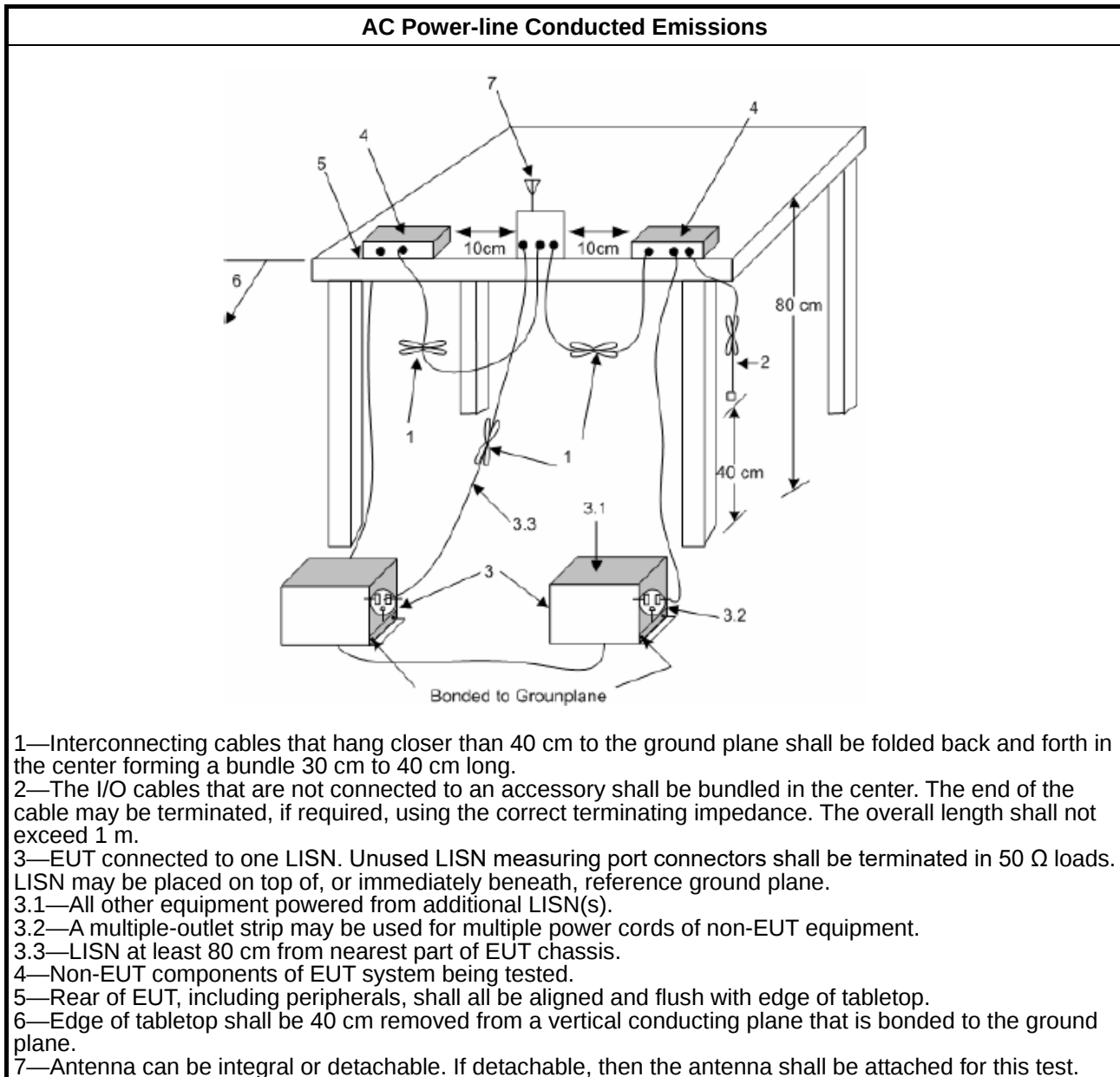
3.1.2 Measuring Instruments

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.

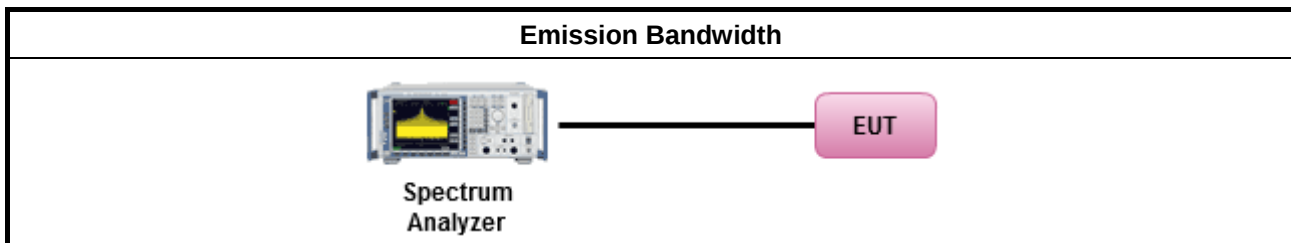
3.2.2 Measuring Instruments

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.	

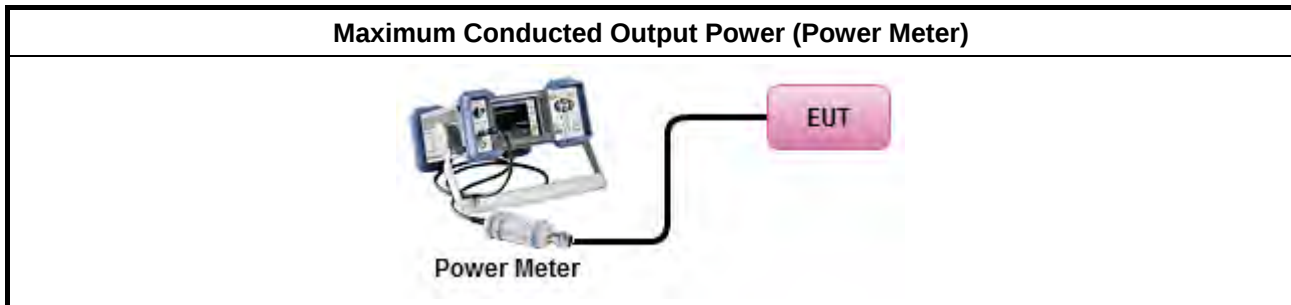
3.3.2 Measuring Instruments

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

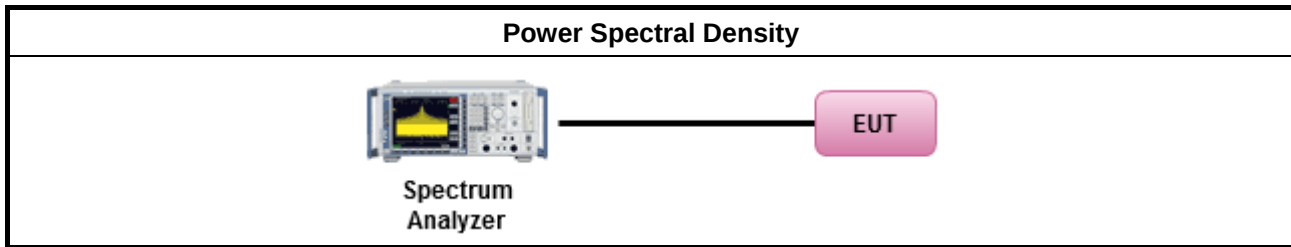
3.4.2 Measuring Instruments

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. [duty cycle $\geq 98\%$ or external video / power trigger]
▪ 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.	

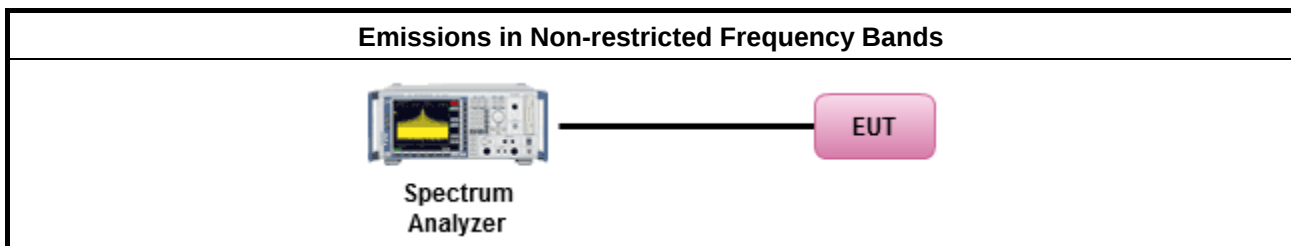
3.5.2 Measuring Instruments

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.

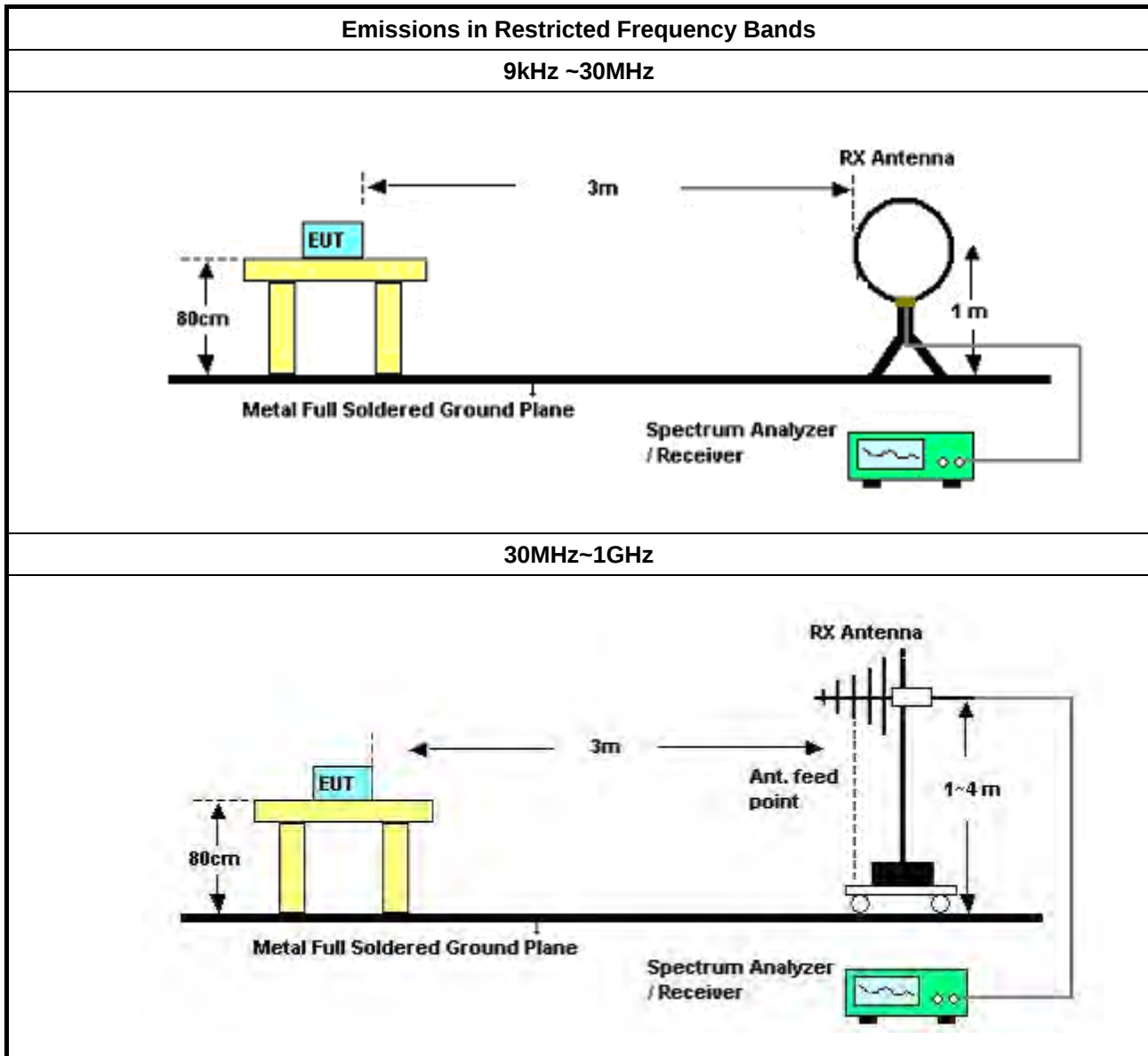
3.6.2 Measuring Instruments

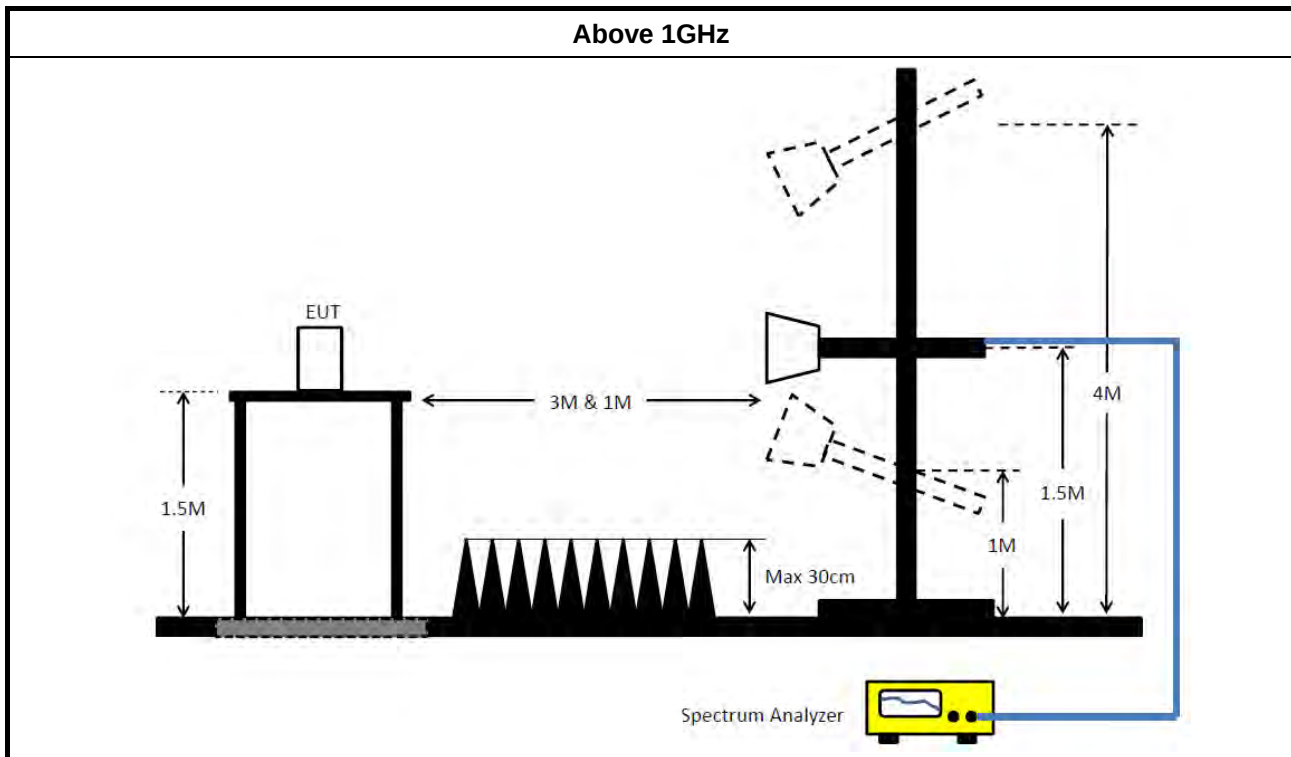
Refer a test equipment and calibration data table in this test report.

**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





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. 18, 2025	Feb. 17, 2026	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	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 17, 2024	Oct. 16, 2025	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH01-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	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Amplifier	Agilent	8447D	2944A10259	30M~1GHz	Jan. 07, 2025	Jan. 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)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15247_FS	V5.11.25	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 02, 2025	Jan. 01, 2026	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.25	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



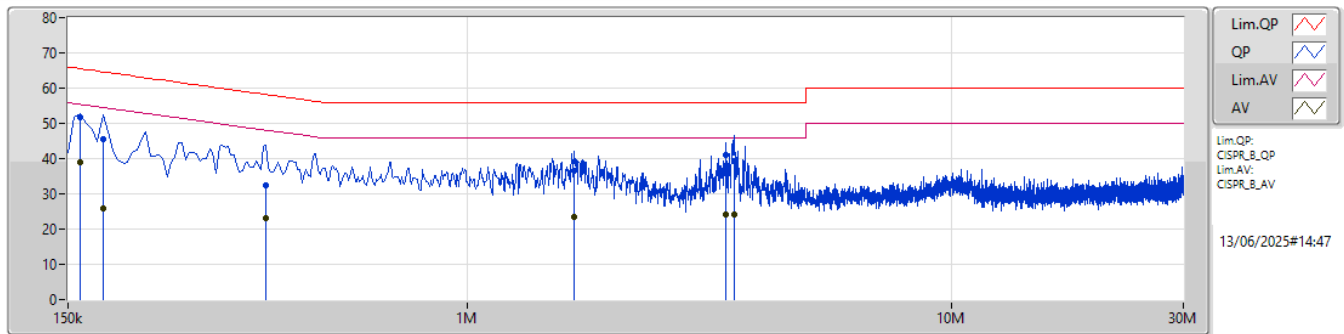
Conducted Emissions at Powerline

Appendix A

Summary

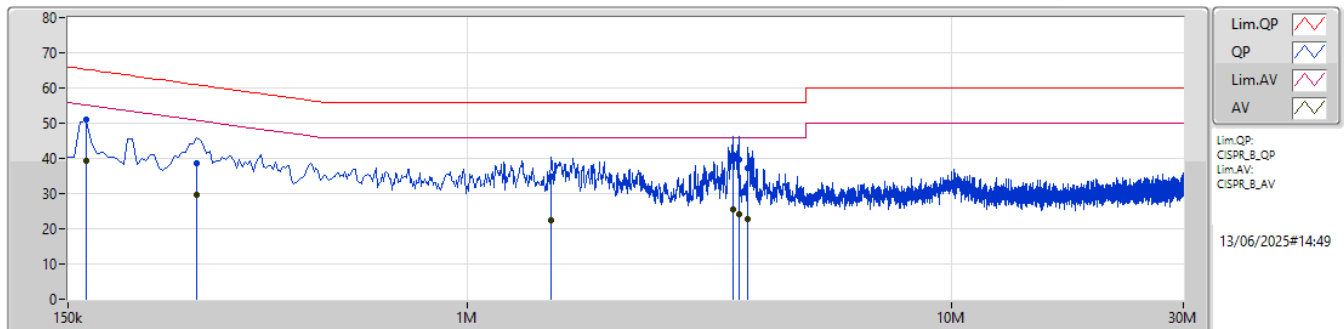
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159k	51.67	65.52	-13.85	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	51.67	65.52	-13.85	10.05	Line	"Worst"	41.62	0.05	0.08	9.92						
AV	159k	38.89	55.52	-16.63	10.05	Line	-	28.84	0.05	0.08	9.92						
QP	177k	45.57	64.62	-19.05	10.06	Line	-	35.51	0.06	0.07	9.93						
AV	177k	25.81	54.62	-28.81	10.06	Line	-	15.75	0.06	0.07	9.93						
QP	384k	32.45	58.20	-25.75	10.20	Line	-	22.25	0.05	0.10	10.05						
AV	384k	23.21	48.20	-24.99	10.20	Line	-	13.01	0.05	0.10	10.05						
QP	1.662M	36.71	56.00	-19.29	10.23	Line	-	26.48	0.09	0.13	10.01						
AV	1.662M	23.57	46.00	-22.43	10.23	Line	-	13.34	0.09	0.13	10.01						
QP	3.413M	40.88	56.00	-15.12	10.18	Line	-	30.70	0.12	0.15	9.91						
AV	3.413M	24.12	46.00	-21.88	10.18	Line	-	13.94	0.12	0.15	9.91						
QP	3.552M	39.45	56.00	-16.55	10.18	Line	-	29.27	0.12	0.15	9.91						
AV	3.552M	24.11	46.00	-21.89	10.18	Line	-	13.93	0.12	0.15	9.91						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	51.08	65.27	-14.19	10.08	Neutral	"Worst"	41.00	0.08	0.08	9.92						
AV	163.5k	39.35	55.27	-15.92	10.08	Neutral	-	29.27	0.08	0.08	9.92						
QP	276k	38.67	60.93	-22.26	10.16	Neutral	-	28.51	0.08	0.08	10.00						
AV	276k	29.77	50.93	-21.16	10.16	Neutral	-	19.61	0.08	0.08	10.00						
QP	1.487M	35.00	56.00	-21.00	10.26	Neutral	-	24.74	0.10	0.12	10.04						
AV	1.487M	22.51	46.00	-23.49	10.26	Neutral	-	12.25	0.10	0.12	10.04						
QP	3.53M	40.89	56.00	-15.11	10.21	Neutral	-	30.68	0.15	0.15	9.91						
AV	3.53M	25.65	46.00	-20.35	10.21	Neutral	-	15.44	0.15	0.15	9.91						
QP	3.633M	39.60	56.00	-16.40	10.21	Neutral	-	29.39	0.15	0.15	9.91						
AV	3.633M	24.09	46.00	-21.91	10.21	Neutral	-	13.88	0.15	0.15	9.91						
QP	3.786M	37.24	56.00	-18.76	10.21	Neutral	-	27.03	0.16	0.15	9.90						
AV	3.786M	22.83	46.00	-23.17	10.21	Neutral	-	12.62	0.16	0.15	9.90						

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)	741.25k	1.034M	1M03F1D	666.25k	1.021M
BT-LE(2Mbps)	1.388M	2.058M	2M06F1D	1.125M	2.039M

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

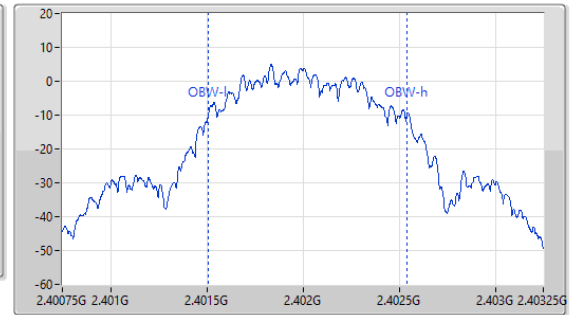
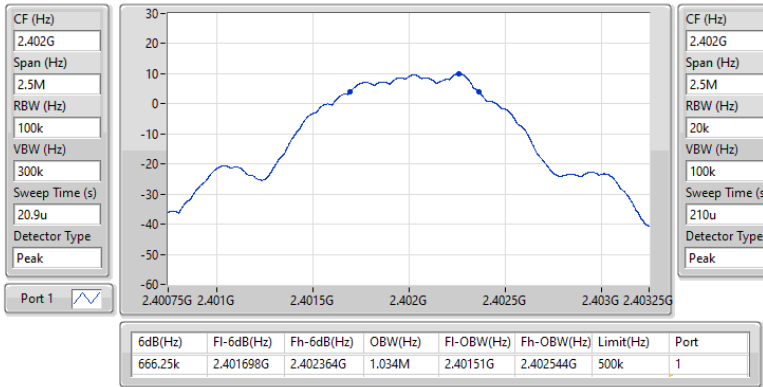
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	666.25k	1.034M
2440MHz	Pass	500k	673.75k	1.021M
2480MHz	Pass	500k	741.25k	1.021M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.245M	2.058M
2440MHz	Pass	500k	1.125M	2.039M
2480MHz	Pass	500k	1.388M	2.054M

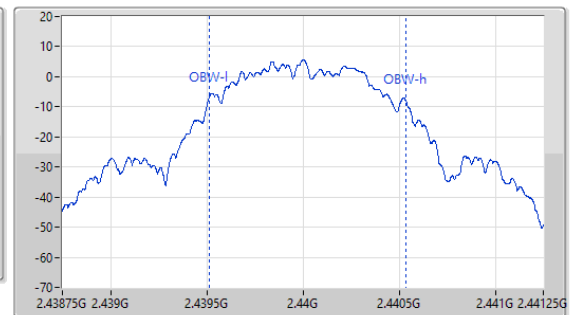
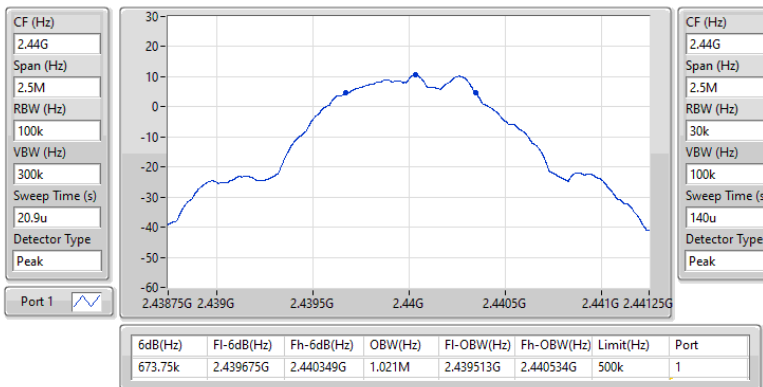
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2402MHz

30/07/2025


2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2440MHz

30/07/2025

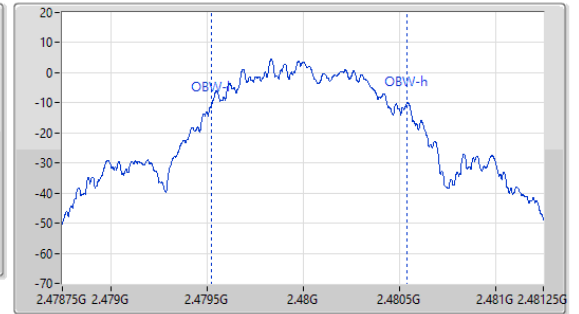
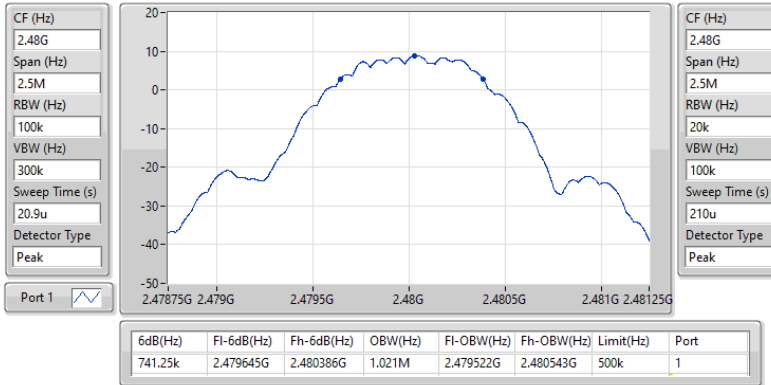


2.4-2.4835GHz_BT-LE(1Mbps)

EBW-DTS

2480MHz

30/07/2025

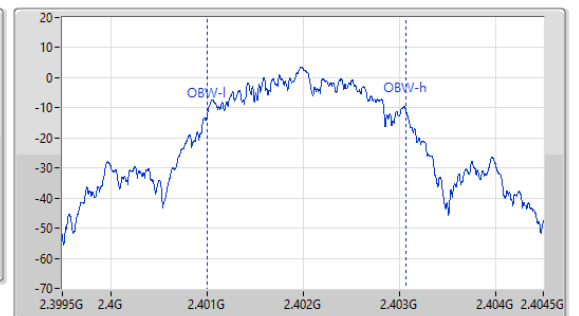
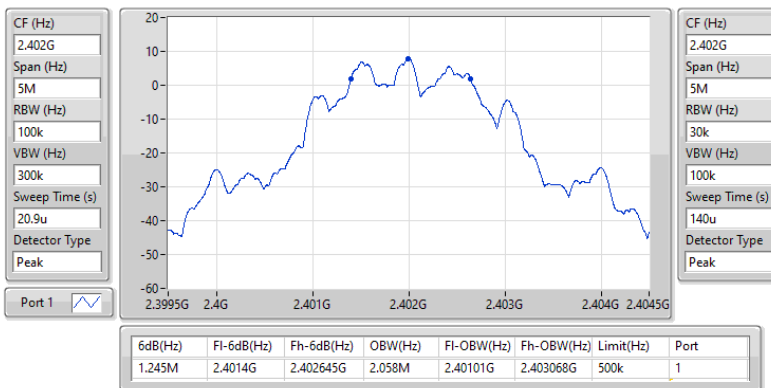


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

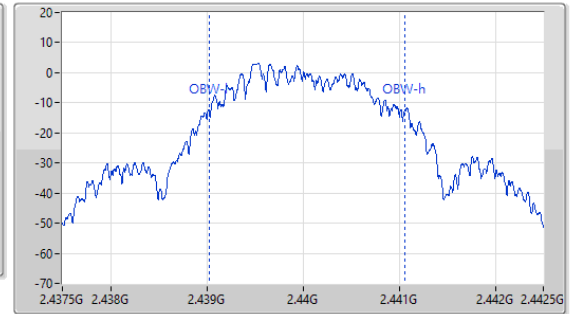
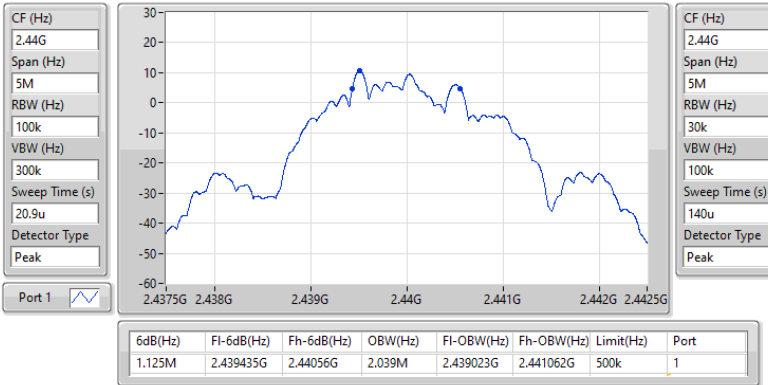
2402MHz

30/07/2025

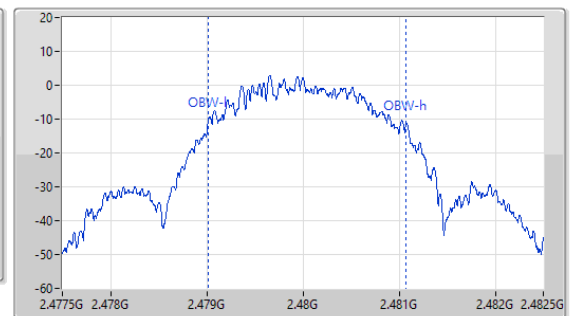
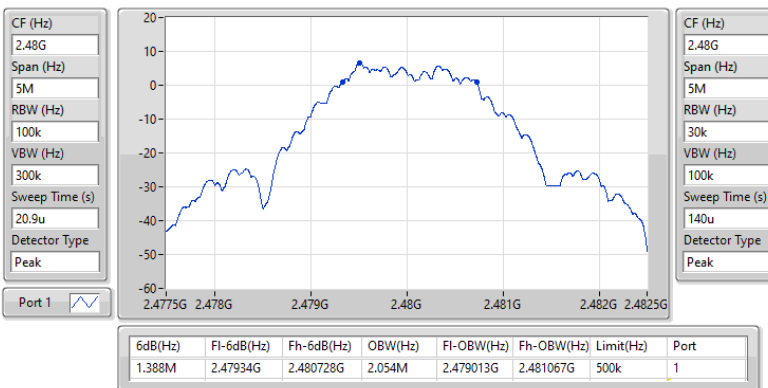


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2440MHz

30/07/2025


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2480MHz

30/07/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	10.91	0.01233
BT-LE(2Mbps)	10.91	0.01233



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.50	10.91	30.00
2440MHz	Pass	3.50	10.72	30.00
2480MHz	Pass	3.50	10.58	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.50	10.91	30.00
2440MHz	Pass	3.50	10.41	30.00
2480MHz	Pass	3.50	10.37	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	-
BT-LE(1Mbps)	-4.48
BT-LE(2Mbps)	-7.25

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.50	-4.48	8.00
2440MHz	Pass	3.50	-4.68	8.00
2480MHz	Pass	3.50	-4.77	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.50	-7.25	8.00
2440MHz	Pass	3.50	-7.65	8.00
2480MHz	Pass	3.50	-7.76	8.00

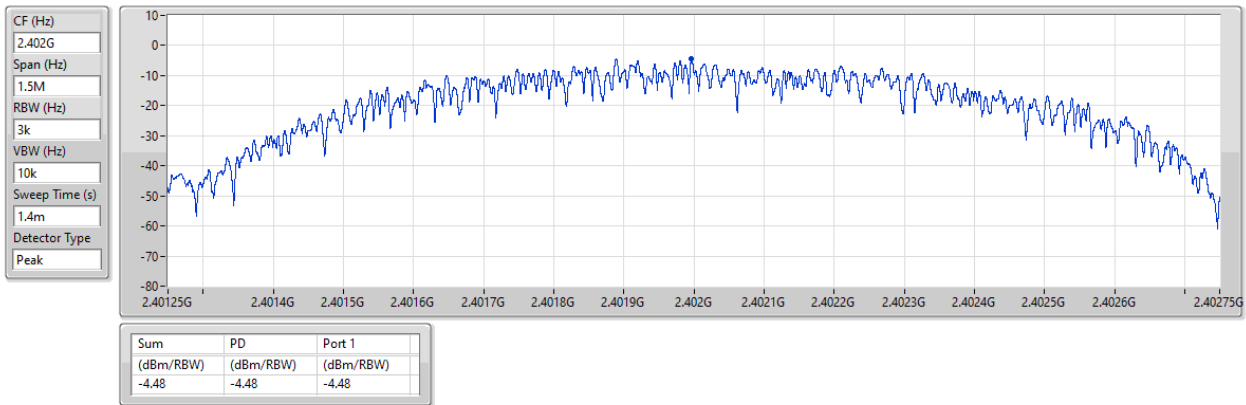
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2402MHz

30/07/2025

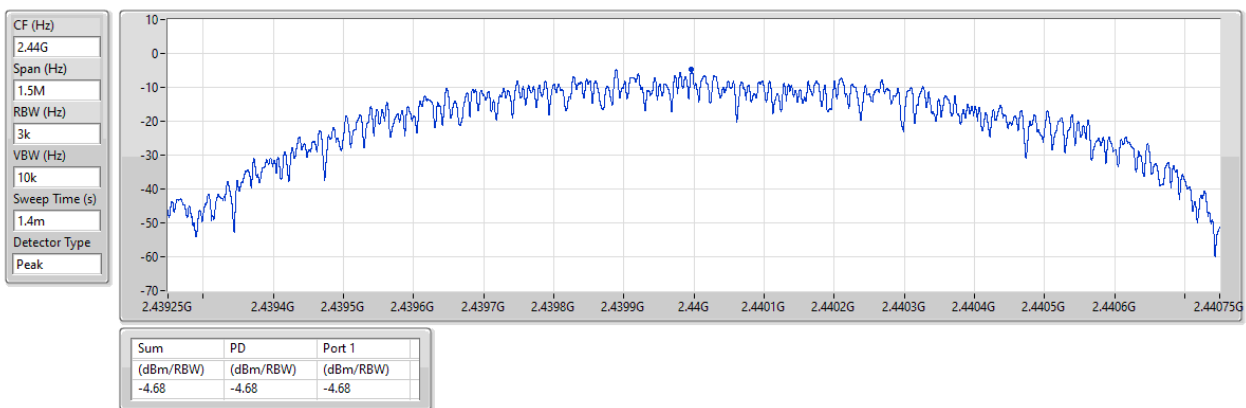


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

30/07/2025

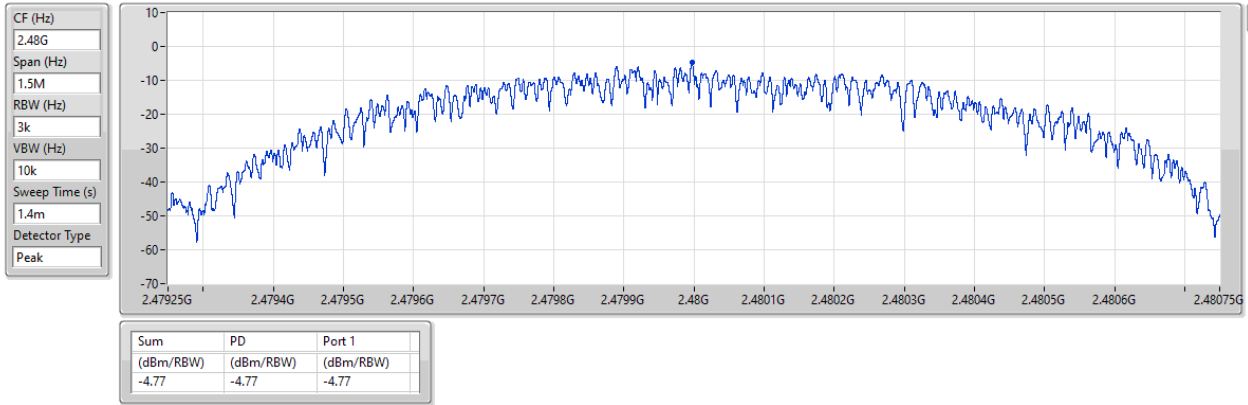


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

30/07/2025

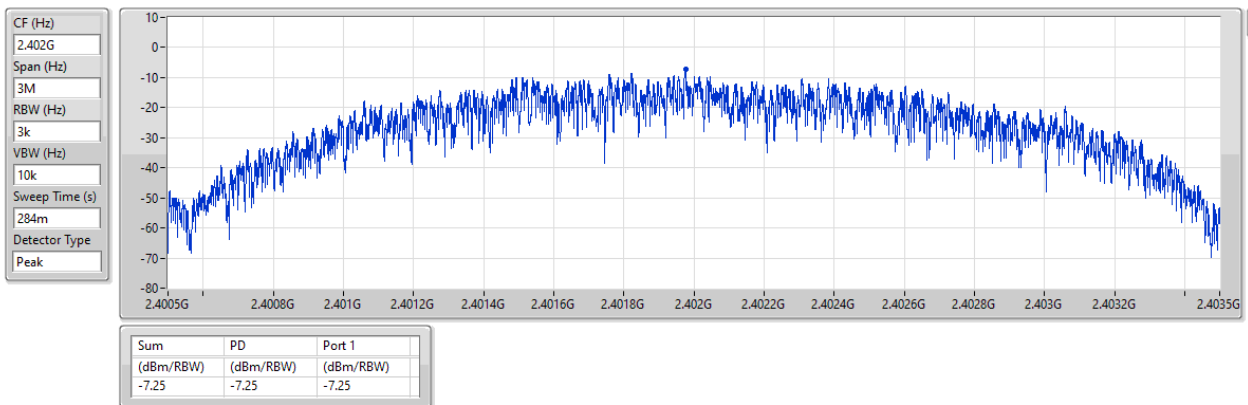


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

30/07/2025



2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2440MHz

30/07/2025

CF (Hz)
2.44G

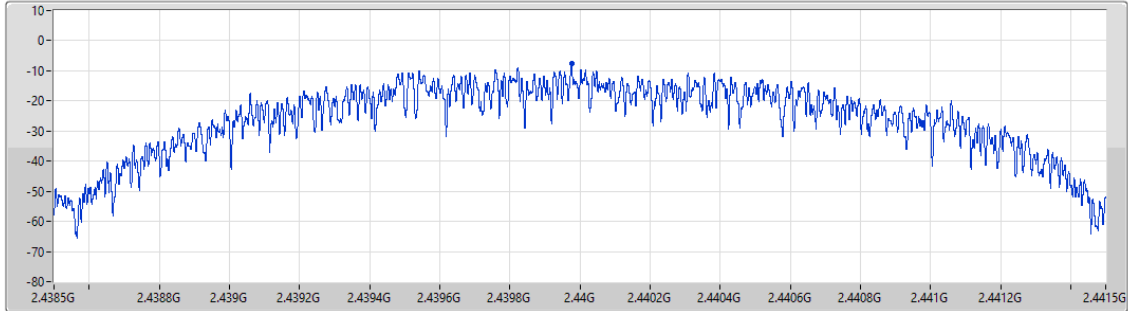
Span (Hz)
3M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.65	-7.65	-7.65

2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz

30/07/2025

CF (Hz)
2.48G

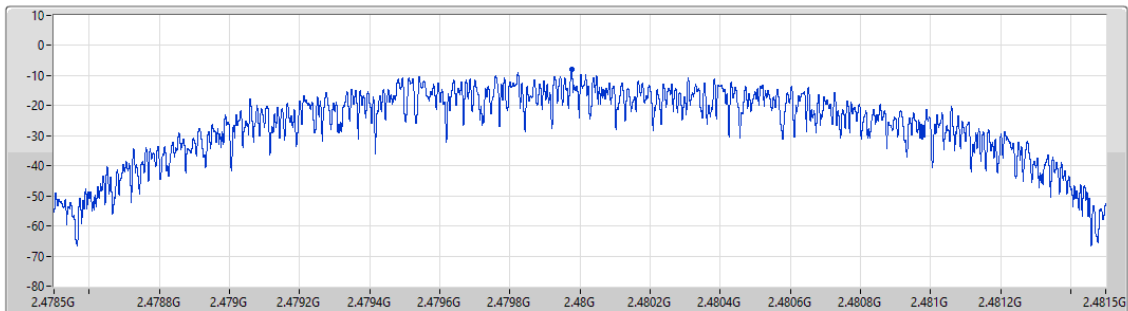
Span (Hz)
3M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.76	-7.76	-7.76

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.402G	10.67	-19.33	59.38M	-53.26	2.4G	-48.28	2.4G	-47.84	2.50322G	-54.37	21.66208G	-46.23	1
BT-LE(2Mbps)	Pass	2.4015G	10.77	-19.23	2.19905G	-53.36	2.4G	-21.49	2.4G	-21.00	2.5019G	-53.72	21.5721G	-47.07	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	10.67	-19.33	59.38M	-53.26	2.4G	-48.28	2.4G	-47.84	2.50322G	-54.37	21.66208G	-46.23	1
2440MHz	Pass	2.402G	10.67	-19.33	2.16263G	-53.07	2.39272G	-53.74	2.4G	-56.04	2.5023G	-54.56	21.99391G	-46.08	1
2480MHz	Pass	2.402G	10.67	-19.33	1.8442G	-52.83	2.39216G	-52.92	2.4G	-55.71	2.5029G	-53.72	21.92923G	-46.41	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.4015G	10.77	-19.23	2.19905G	-53.36	2.4G	-21.49	2.4G	-21.00	2.5019G	-53.72	21.5721G	-47.07	1
2440MHz	Pass	2.4015G	10.77	-19.23	30M	-52.90	2.3966G	-53.24	2.4G	-56.33	2.50198G	-53.84	23.18341G	-46.68	1
2480MHz	Pass	2.4015G	10.77	-19.23	37.05M	-52.80	2.39776G	-54.28	2.4G	-56.27	2.50322G	-55.00	21.99391G	-46.61	1

2.4-2.4835GHz_BT-LE(1Mbps)

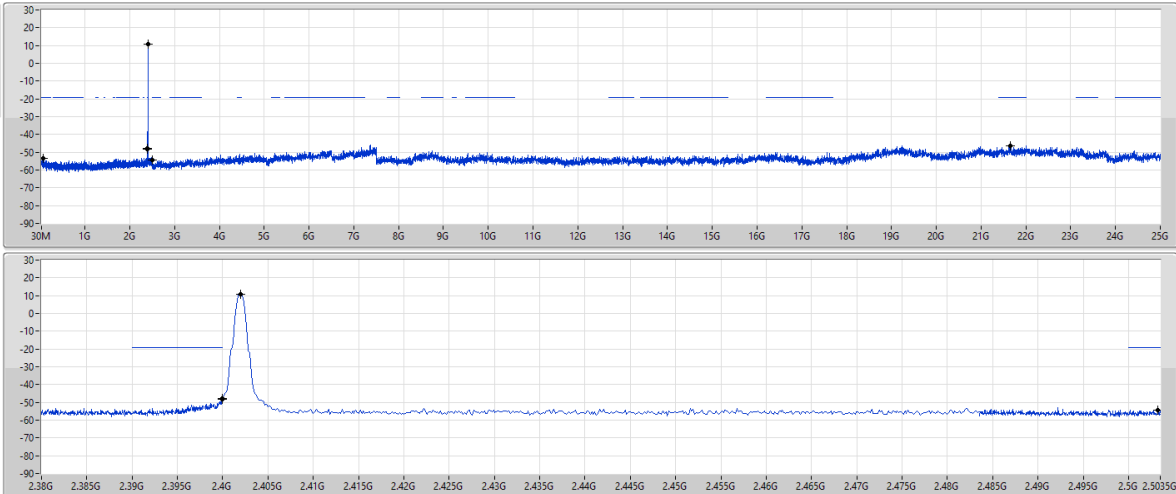
CSEndB-DTS

2402MHz

30/07/2025

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)	Freq(Hz)	Level(dBm)	Port
2.402G	10.67	-19.33	59.38M	-53.26	2.4G	-48.28	2.4G	-47.84	2.50322G	-54.37	21.66208G	-46.23	1

2.4-2.4835GHz_BT-LE(1Mbps)

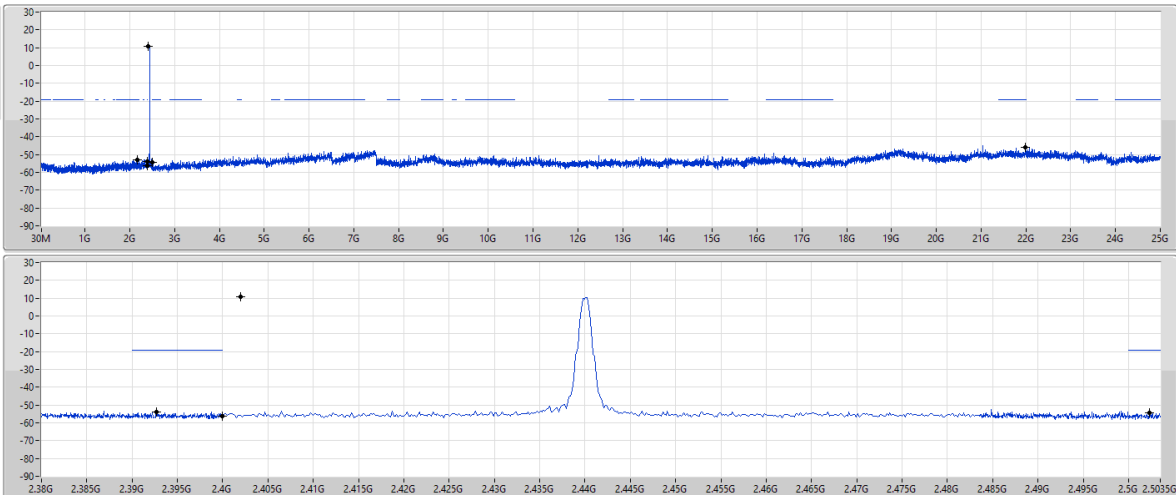
CSEndB-DTS

2440MHz

30/07/2025

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)	Freq(Hz)	Level(dBm)	Port
2.402G	10.67	-19.33	2.16263G	-53.07	2.39272G	-53.74	2.4G	-56.04	2.5023G	-54.56	21.99391G	-46.08	1

2.4-2.4835GHz_BT-LE(1Mbps)

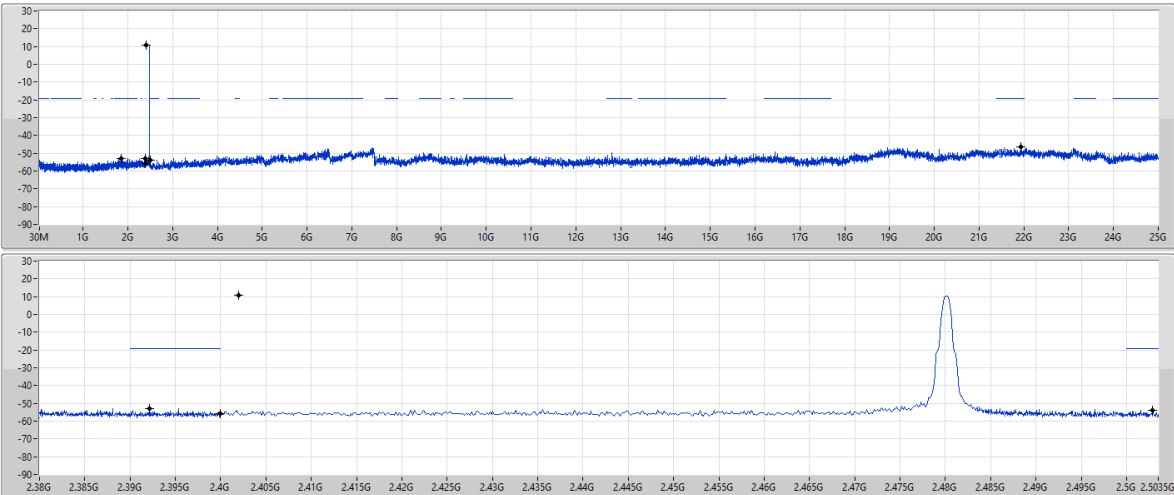
CSEndB-DTS

2480MHz

30/07/2025

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)	Freq(Hz)	Level(dBm)	Port
2.402G	10.67	-19.33	1.8442G	-52.83	2.39216G	-52.92	2.4G	-55.71	2.5029G	-53.72	21.92923G	-46.41	1

2.4-2.4835GHz_BT-LE(2Mbps)

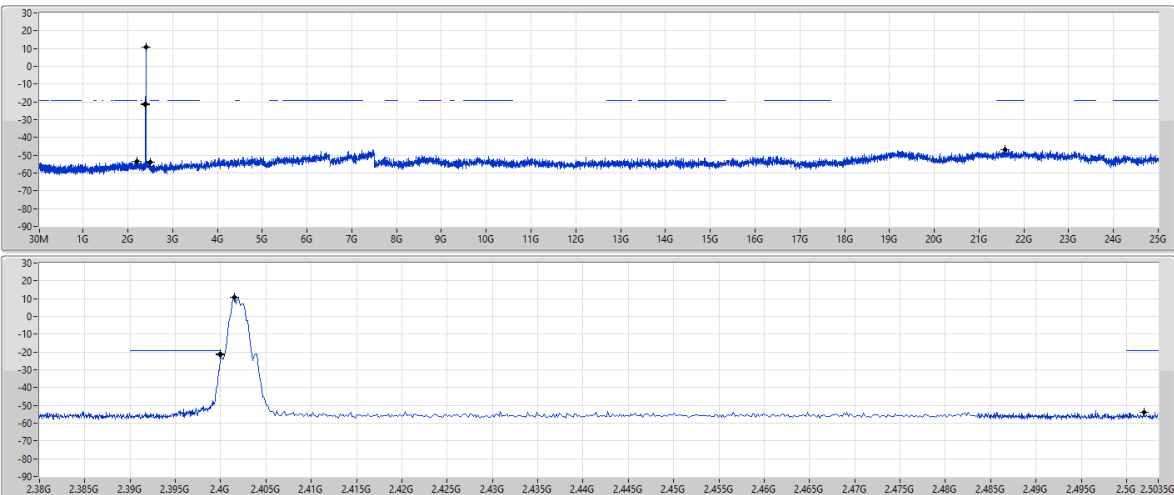
CSEndB-DTS

2402MHz

30/07/2025

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

Port 1

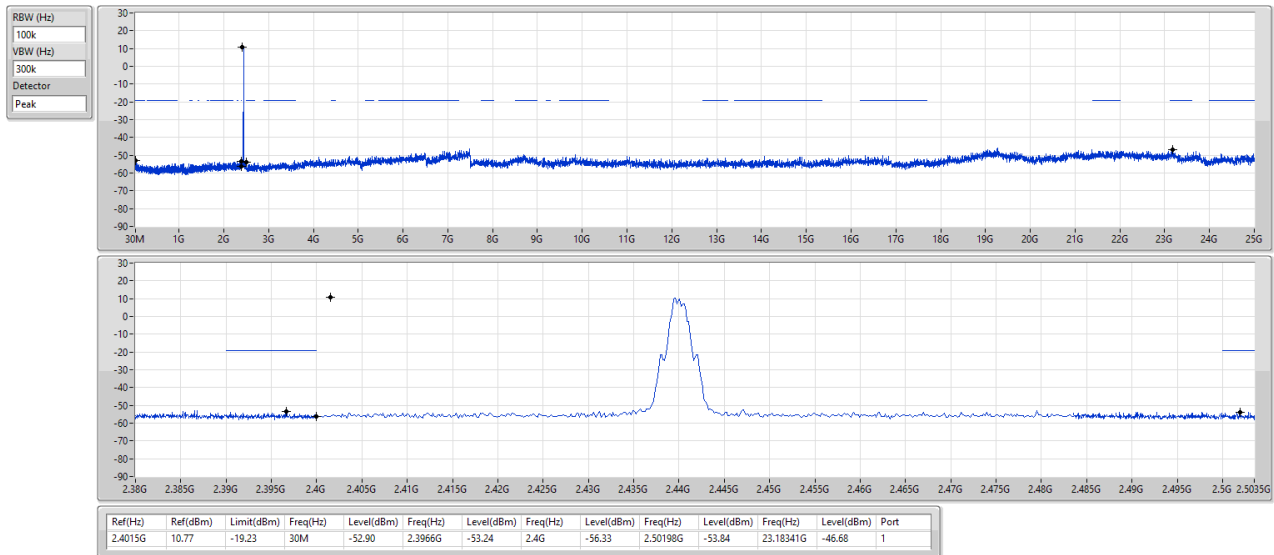


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4015G	10.77	-19.23	2.19905G	-53.36	2.4G	-21.49	2.4G	-21.00	2.5019G	-53.72	21.5721G	-47.07	1

2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

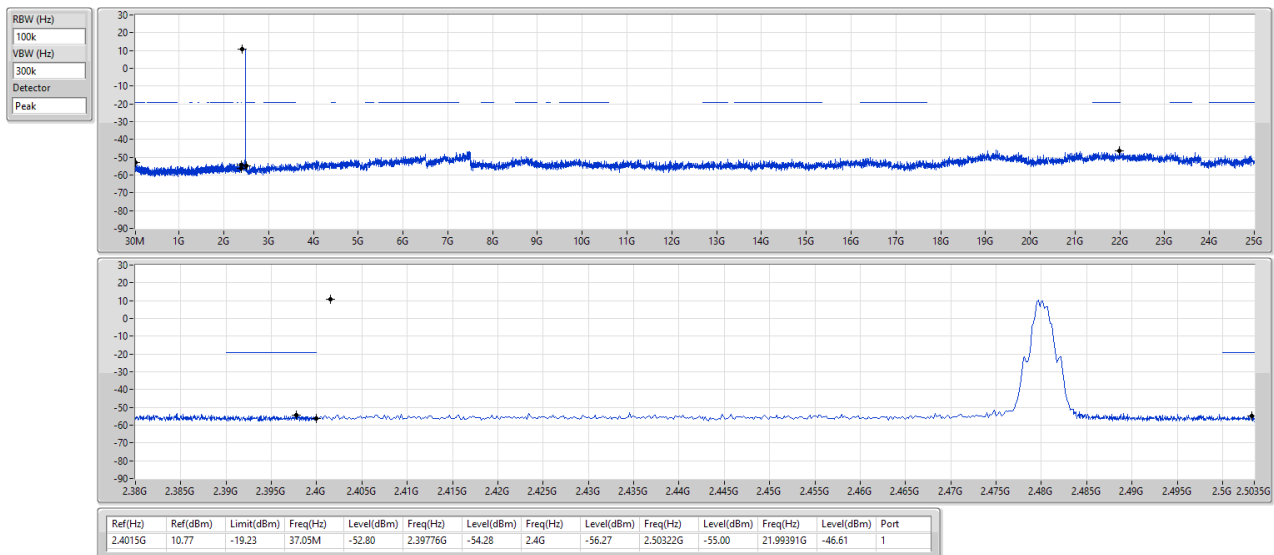
2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2480MHz





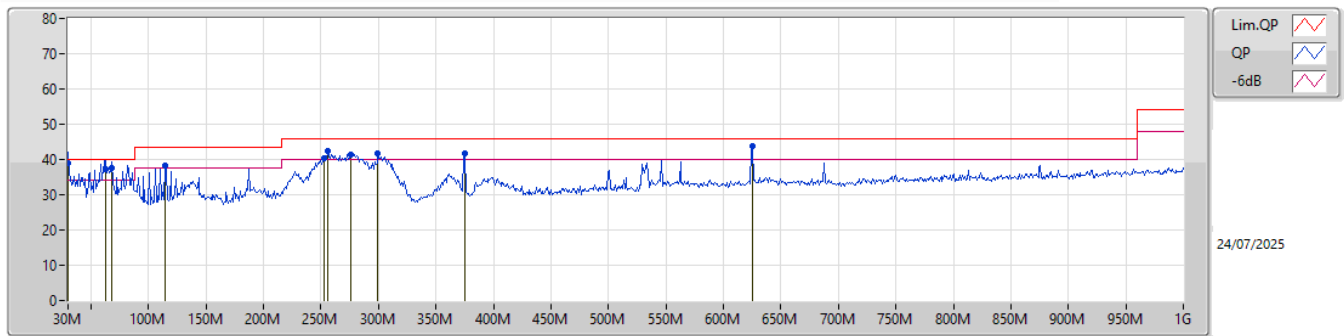
Radiated Emissions below 1GHz

Appendix F.1

Summary

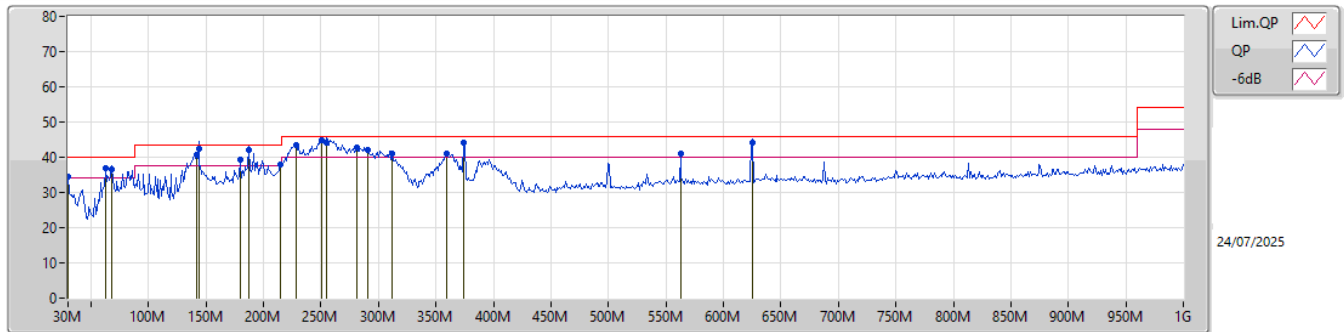
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	30M	38.93	40.00	-1.07	Vertical

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30M	38.93	40.00	-1.07	-19.19	3	Vertical	154	1.00	"Worst"	58.12	24.35	0.89	44.43		
QP	62.98M	37.29	40.00	-2.71	-31.03	3	Vertical	36	2.00	-	68.32	12.36	1.28	44.67		
QP	67.83M	37.45	40.00	-2.55	-31.10	3	Vertical	202	2.00	-	68.55	12.28	1.28	44.66		
PK	114.39M	38.12	43.50	-5.38	-25.10	3	Vertical	24	1.00	-	63.22	17.83	1.73	44.66		
PK	253.1M	40.32	46.00	-5.68	-23.04	3	Vertical	229	2.00	-	63.36	18.72	2.63	44.39		
PK	256.01M	42.49	46.00	-3.51	-22.61	3	Vertical	237	1.50	-	65.10	19.13	2.64	44.38		
PK	275.41M	41.51	46.00	-4.49	-22.84	3	Vertical	200	2.00	-	64.35	18.77	2.75	44.36		
PK	299.66M	41.80	46.00	-4.20	-22.29	3	Vertical	183	1.25	-	64.09	19.16	2.88	44.33		
PK	375.32M	41.68	46.00	-4.32	-20.20	3	Vertical	123	1.25	-	61.88	20.78	3.22	44.20		
QP	625.58M	43.66	46.00	-2.34	-14.29	3	Vertical	120	1.50	-	57.95	25.22	4.35	43.86		

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	30M	34.58	40.00	-5.42	-19.19	3	Horizontal	0	1.00	-	53.77	24.35	0.89	44.43		
PK	62.98M	36.79	40.00	-3.21	-31.03	3	Horizontal	121	2.00	-	67.82	12.36	1.28	44.67		
QP	67.83M	36.42	40.00	-3.58	-31.10	3	Horizontal	107	3.00	-	67.52	12.28	1.28	44.66		
QP	141.55M	40.82	43.50	-2.68	-25.77	3	Horizontal	252	2.00	-	66.59	17.02	1.90	44.69		
QP	143.49M	42.43	43.50	-1.07	-25.89	3	Horizontal	252	2.00	"Worst"	68.32	16.87	1.92	44.68		
PK	179.38M	39.31	43.50	-4.19	-27.08	3	Horizontal	107	1.50	-	66.39	15.19	2.20	44.47		
QP	187.14M	42.07	43.50	-1.43	-27.26	3	Horizontal	103	1.25	-	69.33	14.97	2.26	44.49		
PK	214.3M	38.08	43.50	-5.42	-27.11	3	Horizontal	113	1.50	-	65.19	14.95	2.42	44.48		
QP	228.85M	43.45	46.00	-2.55	-25.98	3	Horizontal	118	1.00	-	69.43	15.96	2.50	44.44		
QP	250.19M	44.91	46.00	-1.09	-23.41	3	Horizontal	107	1.25	-	68.32	18.37	2.61	44.39		
QP	255.04M	44.24	46.00	-1.76	-22.74	3	Horizontal	101	1.25	-	66.98	19.00	2.64	44.38		
PK	281.23M	42.84	46.00	-3.16	-22.72	3	Horizontal	153	1.25	-	65.56	18.85	2.78	44.35		
PK	290.93M	42.02	46.00	-3.98	-22.51	3	Horizontal	164	1.00	-	64.53	19.00	2.83	44.34		
PK	312.27M	40.89	46.00	-5.11	-22.03	3	Horizontal	174	1.00	-	62.92	19.37	2.93	44.33		
PK	358.83M	40.87	46.00	-5.13	-20.64	3	Horizontal	68	1.00	-	61.51	20.51	3.13	44.28		
QP	374.35M	44.00	46.00	-2.00	-20.24	3	Horizontal	156	1.00	-	64.24	20.76	3.21	44.21		
PK	562.53M	41.01	46.00	-4.99	-15.06	3	Horizontal	356	3.00	-	56.07	24.99	3.93	43.98		
QP	625.58M	44.03	46.00	-1.97	-14.29	3	Horizontal	51	1.50	-	58.32	25.22	4.35	43.86		

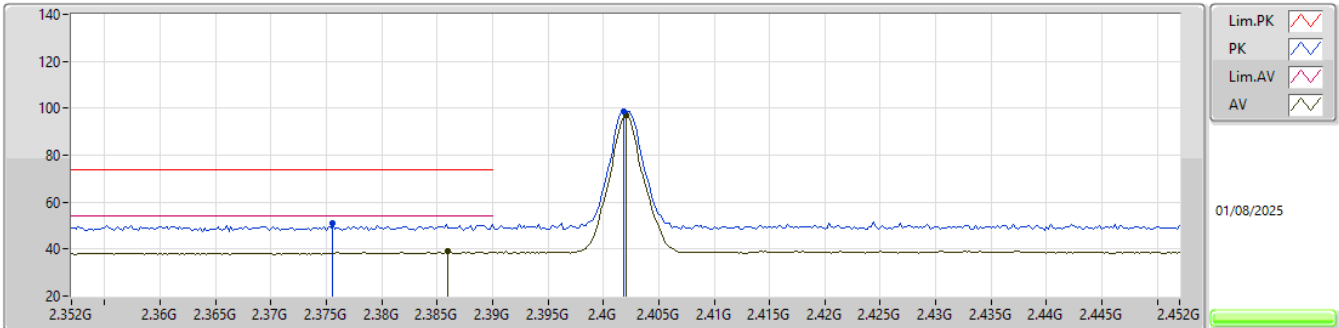


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	2.4835G	45.71	54.00	-8.29	3	Vertical	233	1.70	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

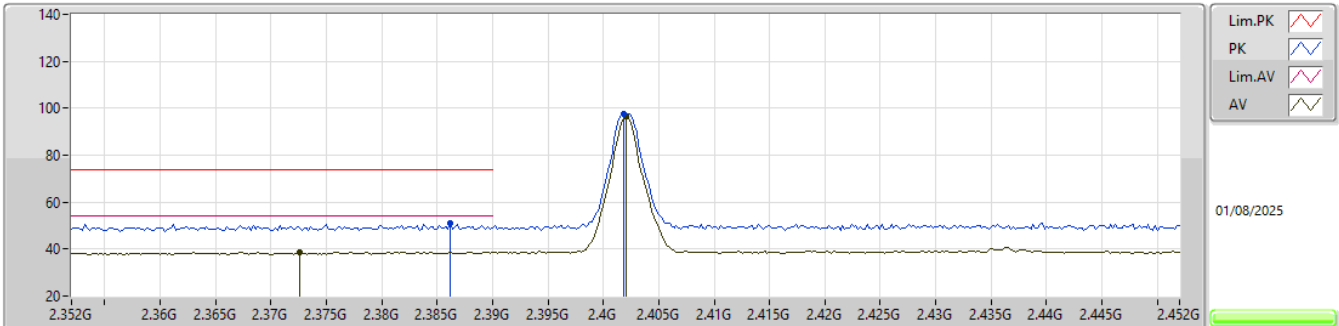


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3756G	50.78	74.00	-23.22	51.24	3	Vertical	234	1.86	-	28.16	4.61	33.23			
AV	2.386G	38.90	54.00	-15.10	39.20	3	Vertical	234	1.86	-	28.32	4.62	33.24			
PK	2.4018G	98.49	Inf	-Inf	98.61	3	Vertical	234	1.86	-	28.50	4.63	33.25			
AV	2.402G	97.12	Inf	-Inf	97.24	3	Vertical	234	1.86	-	28.50	4.63	33.25			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

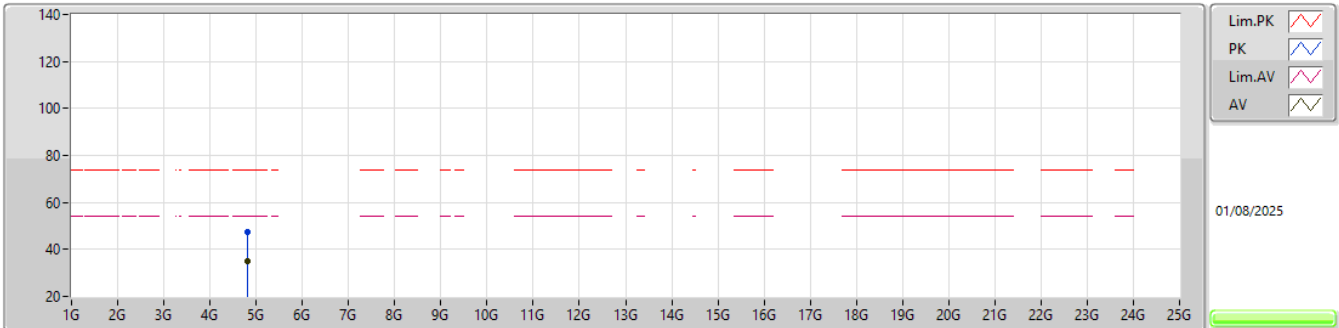


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3862G	50.84	74.00	-23.16	51.14	3	Horizontal	296	2.99	-	28.32	4.62	33.24				
AV	2.3726G	38.86	54.00	-15.14	39.35	3	Horizontal	296	2.99	-	28.13	4.61	33.23				
PK	2.4018G	97.84	Inf	-Inf	97.96	3	Horizontal	296	2.99	-	28.50	4.63	33.25				
AV	2.402G	96.48	Inf	-Inf	96.60	3	Horizontal	296	2.99	-	28.50	4.63	33.25				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

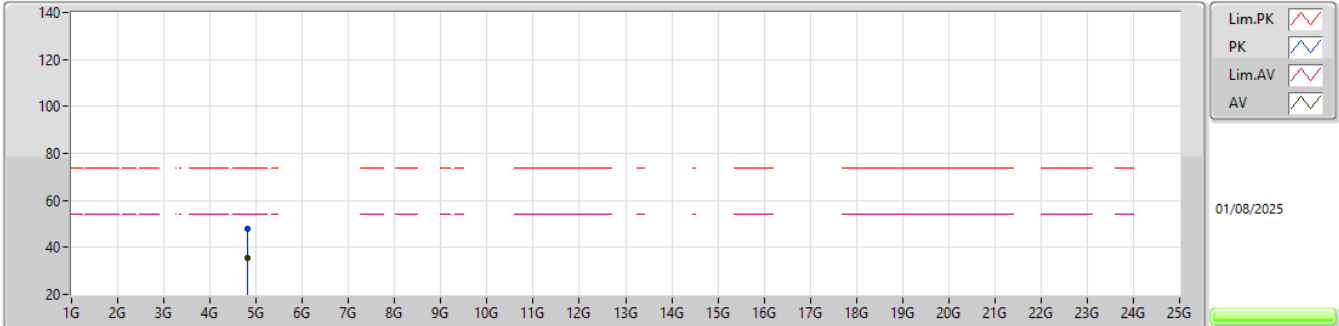


EUT_X_1TX
Setting 10
06-E-G-4

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	4.80538G	47.65	74.00	-26.35	41.76	3	Vertical	295	2.90	-	33.00	6.55	33.66			
AV	4.79902G	35.12	54.00	-18.88	29.23	3	Vertical	295	2.90	-	33.00	6.55	33.66			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

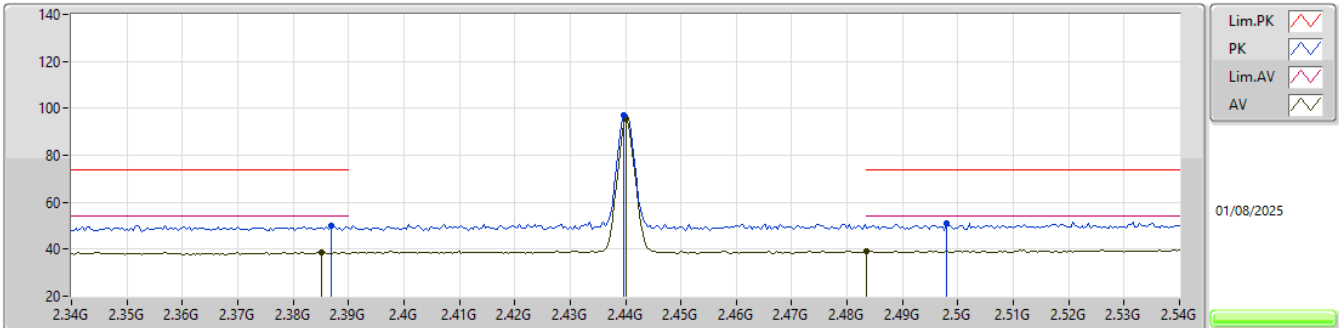


EUT_X_1TX
Setting 10
06-E-G-4

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	4.8039G	47.72	74.00	-26.28	41.83	3	Horizontal	248	1.38	-	33.00	6.55	33.66			
AV	4.80386G	35.34	54.00	-18.66	29.45	3	Horizontal	248	1.38	-	33.00	6.55	33.66			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

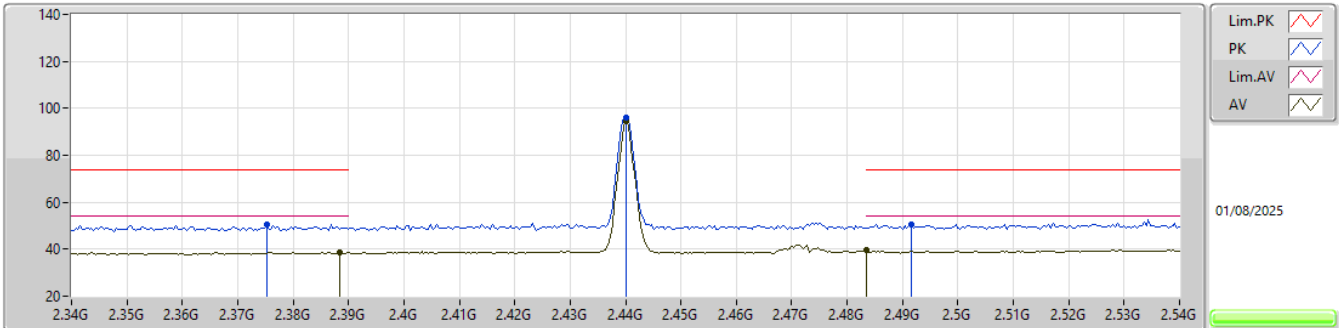


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3868G	50.11	74.00	-23.89	50.39	3	Vertical	228	1.83	-	28.34	4.62	33.24			
AV	2.3852G	38.80	54.00	-15.20	39.12	3	Vertical	228	1.83	-	28.30	4.62	33.24			
PK	2.4396G	97.20	Inf	-Inf	97.19	3	Vertical	228	1.83	-	28.60	4.70	33.29			
AV	2.44G	95.71	Inf	-Inf	95.70	3	Vertical	228	1.83	-	28.60	4.70	33.29			
PK	2.498G	50.82	74.00	-23.18	50.56	3	Vertical	228	1.83	-	28.80	4.80	33.34			
AV	2.4835G	39.03	54.00	-14.97	38.79	3	Vertical	228	1.83	-	28.80	4.77	33.33			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

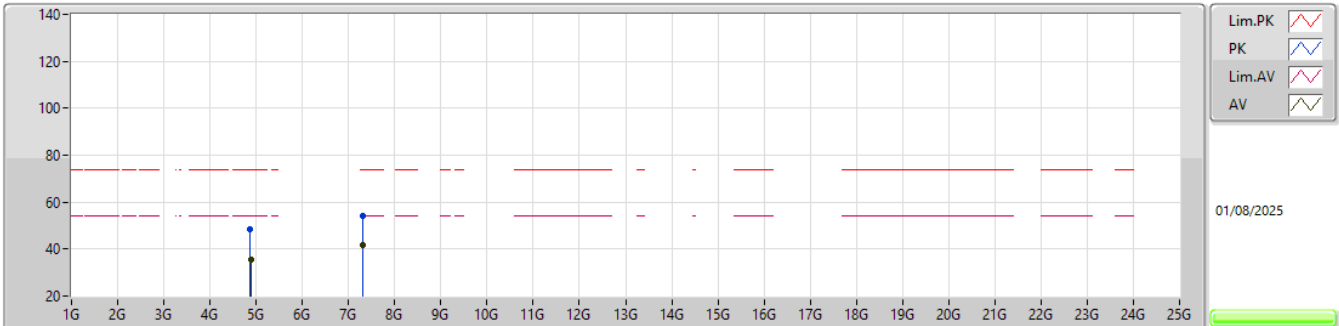


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3752G	50.71	74.00	-23.29	51.18	3	Horizontal	146	1.17	-	28.15	4.61	33.23			
AV	2.3884G	38.62	54.00	-15.38	38.87	3	Horizontal	146	1.17	-	28.37	4.62	33.24			
PK	2.44G	96.03	Inf	-Inf	96.02	3	Horizontal	146	1.17	-	28.60	4.70	33.29			
AV	2.44G	94.74	Inf	-Inf	94.73	3	Horizontal	146	1.17	-	28.60	4.70	33.29			
PK	2.4916G	50.66	74.00	-23.34	50.40	3	Horizontal	146	1.17	-	28.80	4.79	33.33			
AV	2.4835G	39.42	54.00	-14.58	39.18	3	Horizontal	146	1.17	-	28.80	4.77	33.33			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

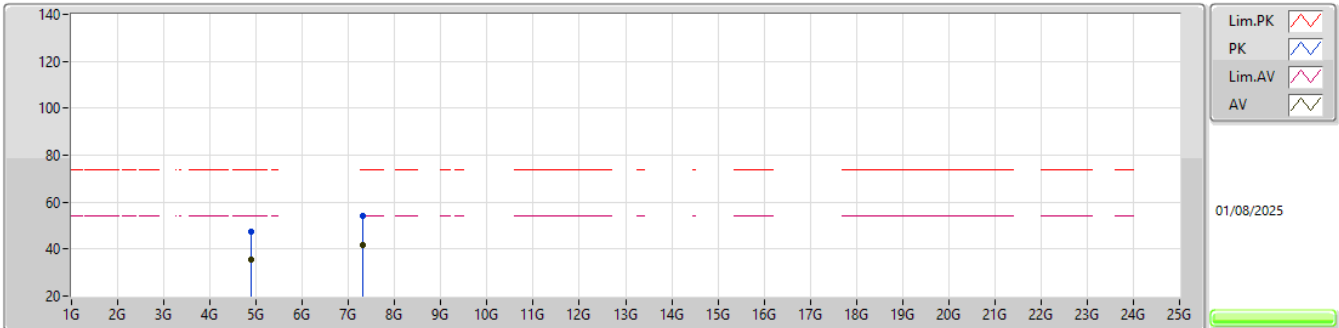


EUT_X_1TX
Setting 10
06-E-G-4

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	4.87612G	48.42	74.00	-25.58	42.44	3	Vertical	268	1.69	-	33.10	6.55	33.67				
AV	4.88398G	35.50	54.00	-18.50	29.48	3	Vertical	268	1.69	-	33.14	6.55	33.67				
PK	7.32138G	54.12	74.00	-19.88	41.74	3	Vertical	65	2.81	-	37.34	8.58	33.54				
AV	7.31712G	41.56	54.00	-12.44	29.19	3	Vertical	65	2.81	-	37.33	8.58	33.54				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

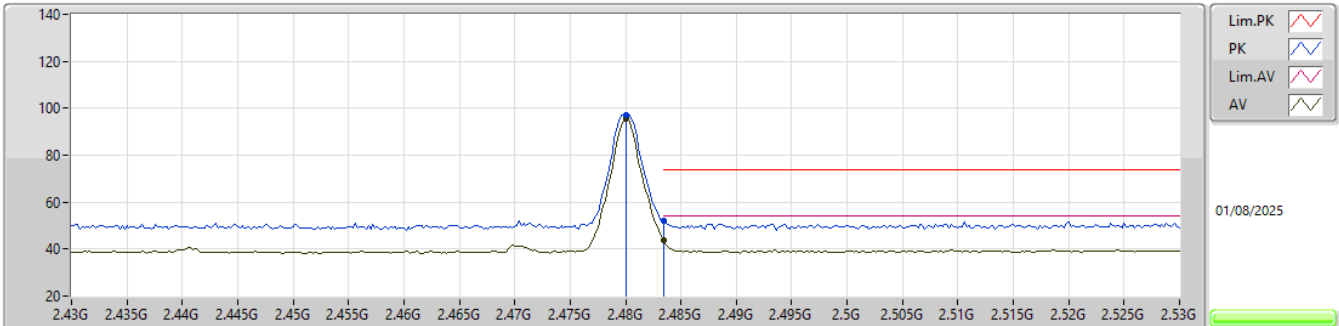


EUT_X_1TX
Setting 10
06-E-G-4

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	4.87784G	47.54	74.00	-26.46	41.55	3	Horizontal	267	2.61	-	33.11	6.55	33.67			
AV	4.88004G	35.76	54.00	-18.24	29.76	3	Horizontal	267	2.61	-	33.12	6.55	33.67			
PK	7.31994G	54.15	74.00	-19.85	41.77	3	Horizontal	97	2.19	-	37.34	8.58	33.54			
AV	7.31784G	41.86	54.00	-12.14	29.48	3	Horizontal	97	2.19	-	37.34	8.58	33.54			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

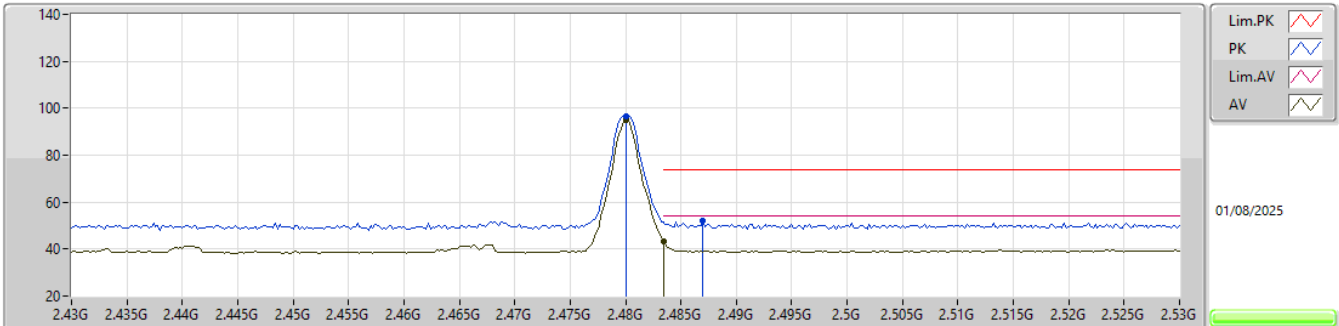


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.48G	97.01	Inf	-Inf	96.76	3	Vertical	235	1.71	-	28.80	4.77	33.32			
AV	2.48G	95.68	Inf	-Inf	95.43	3	Vertical	235	1.71	-	28.80	4.77	33.32			
PK	2.4835G	51.95	74.00	-22.05	51.71	3	Vertical	235	1.71	-	28.80	4.77	33.33			
AV	2.4835G	43.79	54.00	-10.21	43.55	3	Vertical	235	1.71	-	28.80	4.77	33.33			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

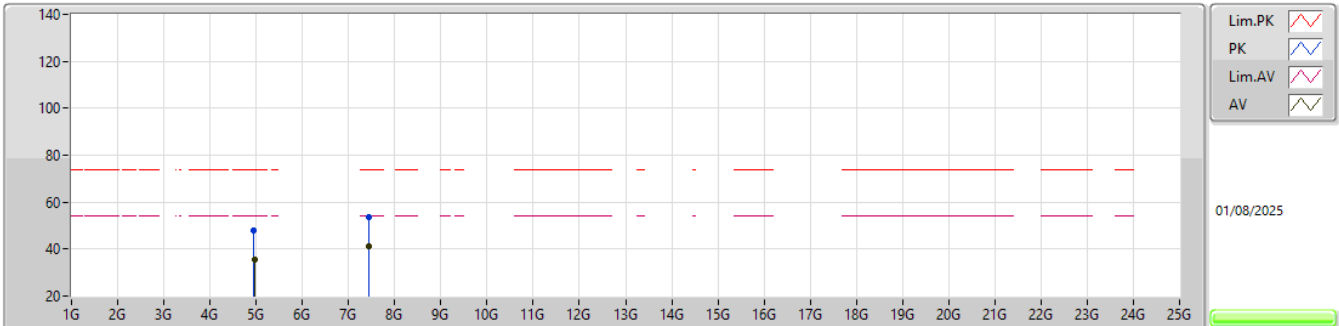


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.48G	96.47	Inf	-Inf	96.22	3	Horizontal	143	1.57	-	28.80	4.77	33.32			
AV	2.48G	95.16	Inf	-Inf	94.91	3	Horizontal	143	1.57	-	28.80	4.77	33.32			
PK	2.487G	51.84	74.00	-22.16	51.59	3	Horizontal	143	1.57	-	28.80	4.78	33.33			
AV	2.4835G	43.41	54.00	-10.59	43.17	3	Horizontal	143	1.57	-	28.80	4.77	33.33			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

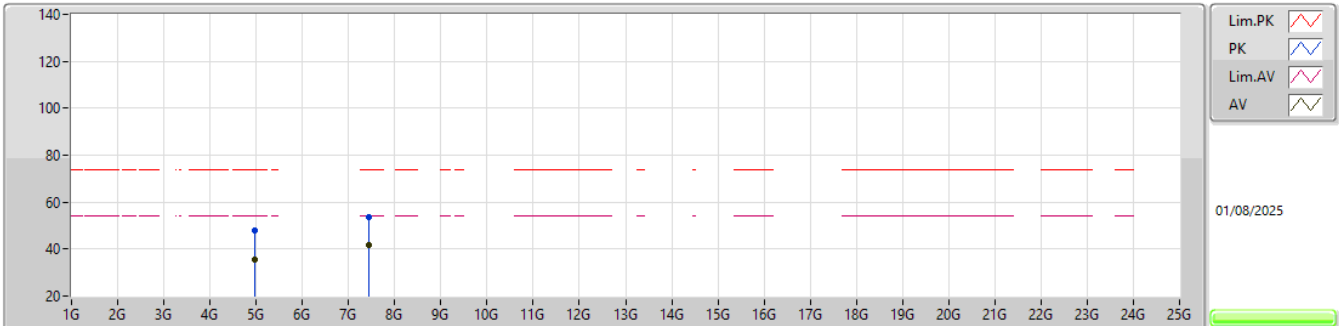


EUT_X_1TX
Setting 10
06-E-G-4

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	4.95594G	48.05	74.00	-25.95	41.97	3	Vertical	232	2.38	-	33.20	6.56	33.68				
AV	4.95772G	35.49	54.00	-18.51	29.41	3	Vertical	232	2.38	-	33.20	6.56	33.68				
PK	7.44214G	53.48	74.00	-20.52	40.98	3	Vertical	136	2.01	-	37.38	8.71	33.59				
AV	7.44298G	41.45	54.00	-12.55	28.94	3	Vertical	136	2.01	-	37.39	8.71	33.59				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

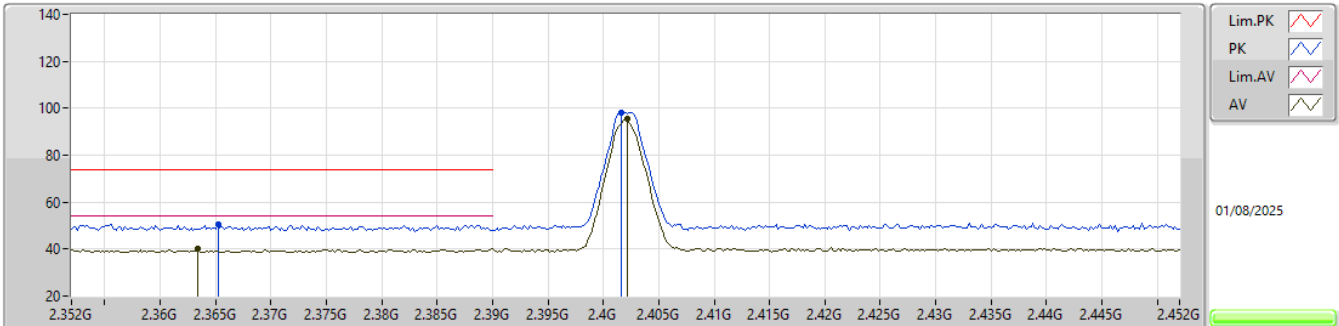


EUT_X_1TX
Setting 10
06-E-G-4

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	4.95766G	48.01	74.00	-25.99	41.93	3	Horizontal	136	1.47	-	33.20	6.56	33.68			
AV	4.96294G	35.75	54.00	-18.25	29.67	3	Horizontal	136	1.47	-	33.20	6.56	33.68			
PK	7.44382G	53.81	74.00	-20.19	41.31	3	Horizontal	325	1.54	-	37.39	8.71	33.60			
AV	7.44328G	41.58	54.00	-12.42	29.08	3	Horizontal	325	1.54	-	37.39	8.71	33.60			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

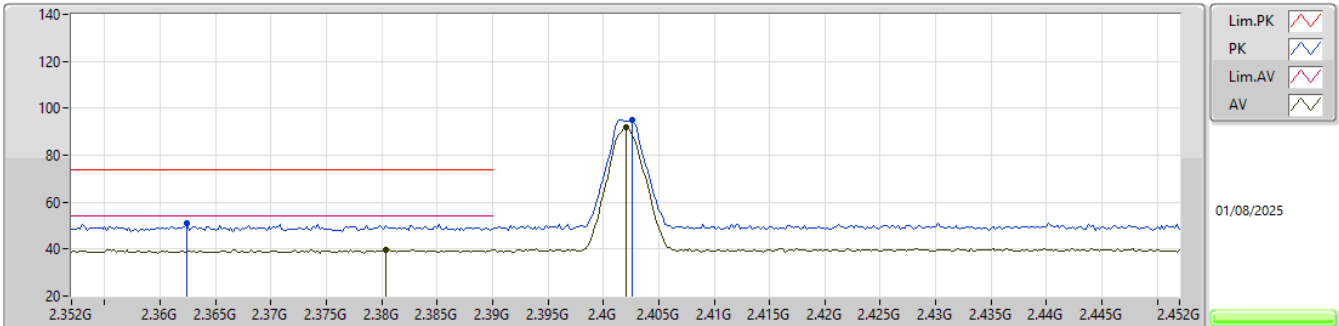


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3652G	50.55	74.00	-23.45	51.06	3	Vertical	231	1.80	-	28.10	4.61	33.22			
AV	2.3634G	39.93	54.00	-14.07	40.44	3	Vertical	231	1.80	-	28.10	4.61	33.22			
PK	2.4016G	98.15	Inf	-Inf	98.27	3	Vertical	231	1.80	-	28.50	4.63	33.25			
AV	2.4022G	95.32	Inf	-Inf	95.44	3	Vertical	231	1.80	-	28.50	4.63	33.25			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

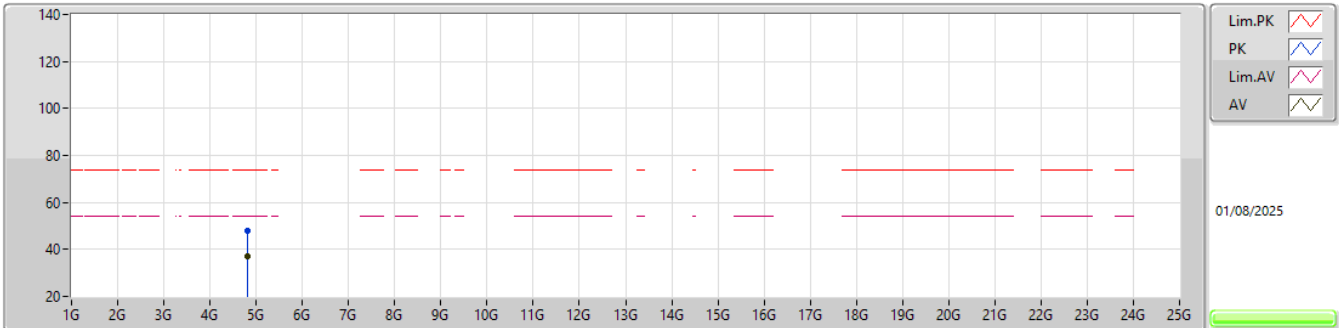


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3624G	50.78	74.00	-23.22	51.29	3	Horizontal	293	1.80	-	28.10	4.61	33.22			
AV	2.3804G	39.88	54.00	-14.12	40.28	3	Horizontal	293	1.80	-	28.21	4.62	33.23			
PK	2.4026G	94.81	Inf	-Inf	94.93	3	Horizontal	293	1.80	-	28.50	4.63	33.25			
AV	2.402G	92.08	Inf	-Inf	92.20	3	Horizontal	293	1.80	-	28.50	4.63	33.25			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

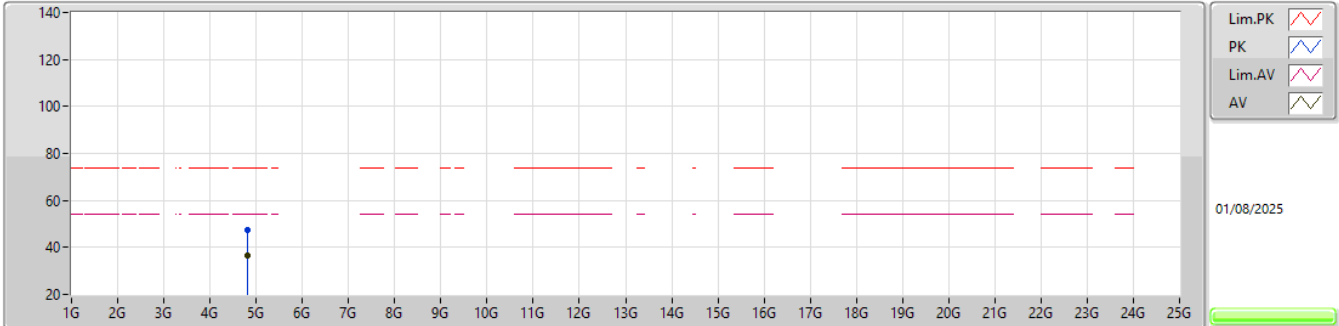


EUT_X_1TX
Setting 10
06-E-G-4

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	4.80252G	48.17	74.00	-25.83	42.28	3	Vertical	106	1.20	-	33.00	6.55	33.66			
AV	4.80398G	36.91	54.00	-17.09	31.02	3	Vertical	106	1.20	-	33.00	6.55	33.66			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

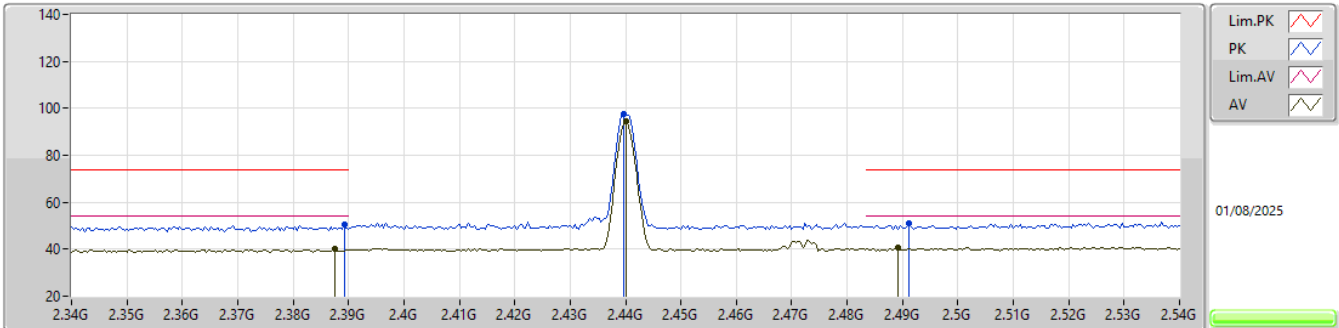


EUT_X_1TX
Setting 10
06-E-G-4

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	4.80328G	47.54	74.00	-26.46	41.65	3	Horizontal	190	1.23	-	33.00	6.55	33.66			
AV	4.8063G	36.76	54.00	-17.24	30.87	3	Horizontal	190	1.23	-	33.00	6.55	33.66			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

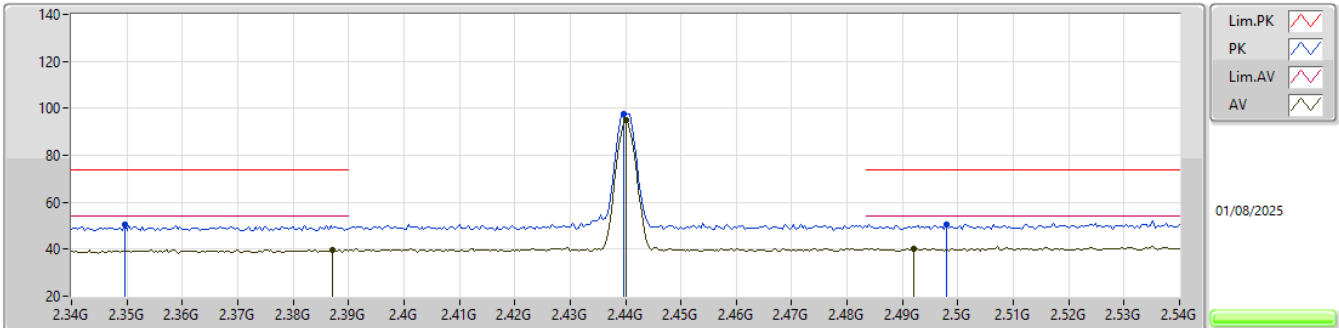


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3892G	50.51	74.00	-23.49	50.75	3	Vertical	231	1.84	-	28.38	4.62	33.24					
AV	2.3876G	40.17	54.00	-13.83	40.44	3	Vertical	231	1.84	-	28.35	4.62	33.24					
PK	2.4396G	97.36	Inf	-Inf	97.35	3	Vertical	231	1.84	-	28.60	4.70	33.29					
AV	2.44G	94.52	Inf	-Inf	94.51	3	Vertical	231	1.84	-	28.60	4.70	33.29					
PK	2.4912G	51.00	74.00	-23.00	50.74	3	Vertical	231	1.84	-	28.80	4.79	33.33					
AV	2.4892G	40.45	54.00	-13.55	40.20	3	Vertical	231	1.84	-	28.80	4.78	33.33					

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

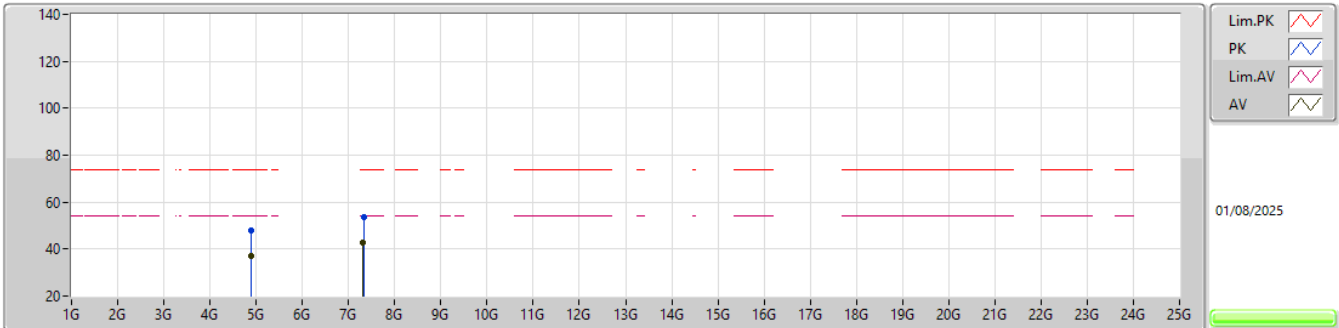


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.3496G	50.26	74.00	-23.74	50.77	3	Horizontal	292	2.91	-	28.10	4.60	33.21			
AV	2.3872G	39.91	54.00	-14.09	40.19	3	Horizontal	292	2.91	-	28.34	4.62	33.24			
PK	2.4396G	97.66	Inf	-Inf	97.65	3	Horizontal	292	2.91	-	28.60	4.70	33.29			
AV	2.44G	94.84	Inf	-Inf	94.83	3	Horizontal	292	2.91	-	28.60	4.70	33.29			
PK	2.498G	50.49	74.00	-23.51	50.23	3	Horizontal	292	2.91	-	28.80	4.80	33.34			
AV	2.492G	40.33	54.00	-13.67	40.07	3	Horizontal	292	2.91	-	28.80	4.79	33.33			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

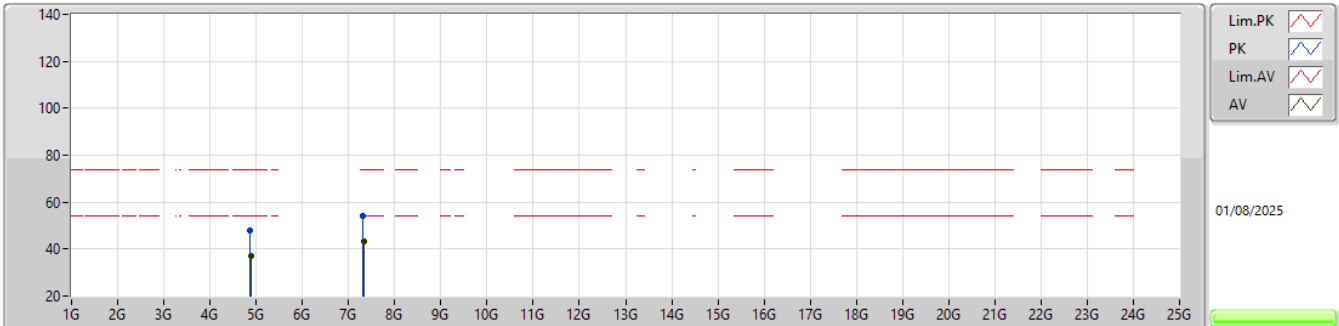


EUT_X_1TX
Setting 10
06-E-G-4

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	4.8787G	47.74	74.00	-26.26	41.75	3	Vertical	140	1.61	-	33.11	6.55	33.67			
AV	4.88076G	37.00	54.00	-17.00	31.00	3	Vertical	140	1.61	-	33.12	6.55	33.67			
PK	7.3247G	53.84	74.00	-20.16	41.44	3	Vertical	248	1.44	-	37.35	8.59	33.54			
AV	7.3197G	42.99	54.00	-11.01	30.61	3	Vertical	248	1.44	-	37.34	8.58	33.54			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

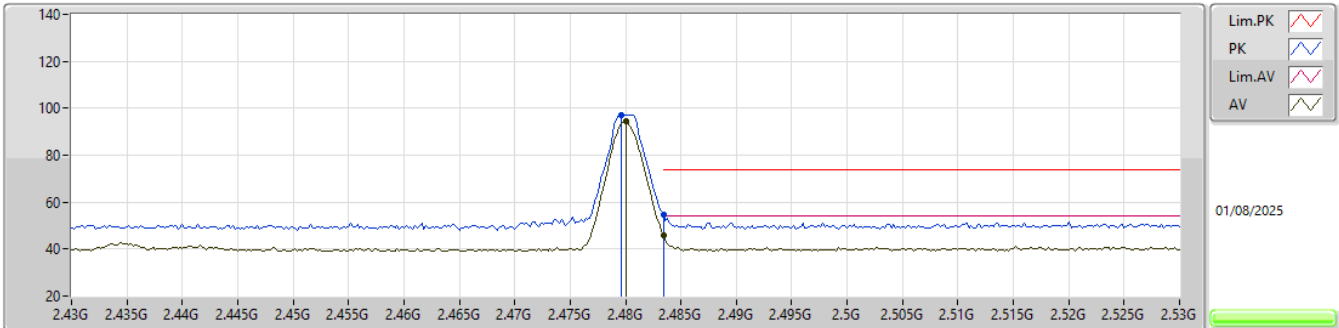


EUT_X_1TX
Setting 10
06-E-G-4

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	4.87684G	47.84	74.00	-26.16	41.85	3	Horizontal	356	2.05	-	33.11	6.55	33.67			
AV	4.8798G	37.21	54.00	-16.79	31.21	3	Horizontal	356	2.05	-	33.12	6.55	33.67			
PK	7.3207G	53.98	74.00	-20.02	41.60	3	Horizontal	170	1.45	-	37.34	8.58	33.54			
AV	7.32324G	43.45	54.00	-10.55	31.06	3	Horizontal	170	1.45	-	37.35	8.58	33.54			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

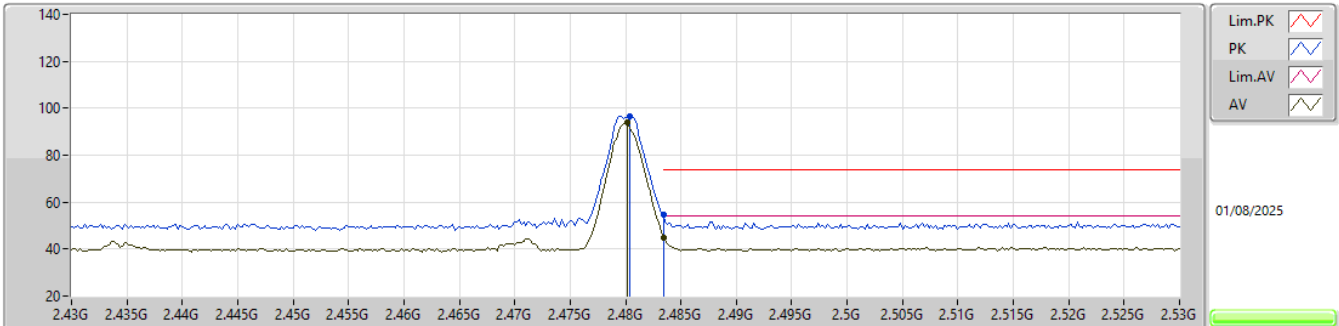


EUT_Z_1TX
Setting 10
06-E-G-4

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	97.23	Inf	-Inf	96.99	3	Vertical	233	1.70	-	28.79	4.77	33.32			
AV	2.48G	94.44	Inf	-Inf	94.19	3	Vertical	233	1.70	-	28.80	4.77	33.32			
PK	2.4835G	54.57	74.00	-19.43	54.33	3	Vertical	233	1.70	-	28.80	4.77	33.33			
AV	2.4835G	45.71	54.00	-8.29	45.47	3	Vertical	233	1.70	-	28.80	4.77	33.33			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

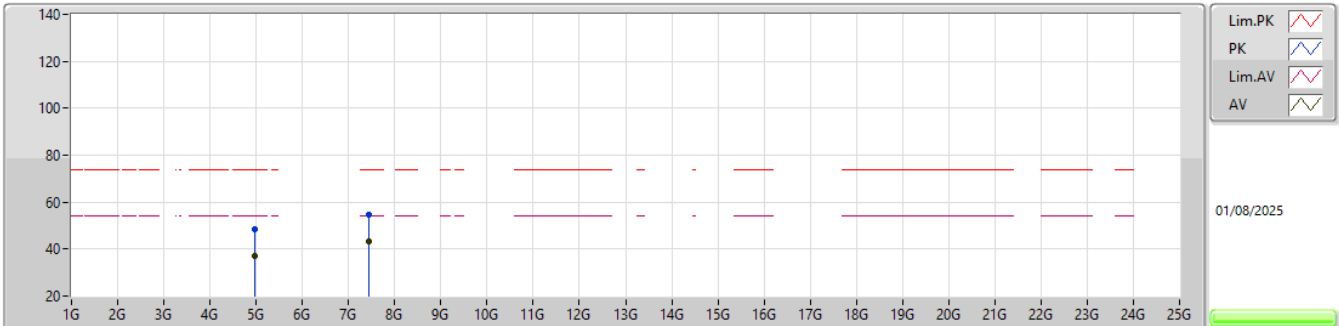


EUT_Z_1TX
Setting 10
06-E-G-4

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	2.4804G	96.44	Inf	-Inf	96.19	3	Horizontal	291	2.84	-	28.80	4.77	33.32			
AV	2.4802G	93.77	Inf	-Inf	93.52	3	Horizontal	291	2.84	-	28.80	4.77	33.32			
PK	2.4835G	54.45	74.00	-19.55	54.21	3	Horizontal	291	2.84	-	28.80	4.77	33.33			
AV	2.4835G	44.75	54.00	-9.25	44.51	3	Horizontal	291	2.84	-	28.80	4.77	33.33			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

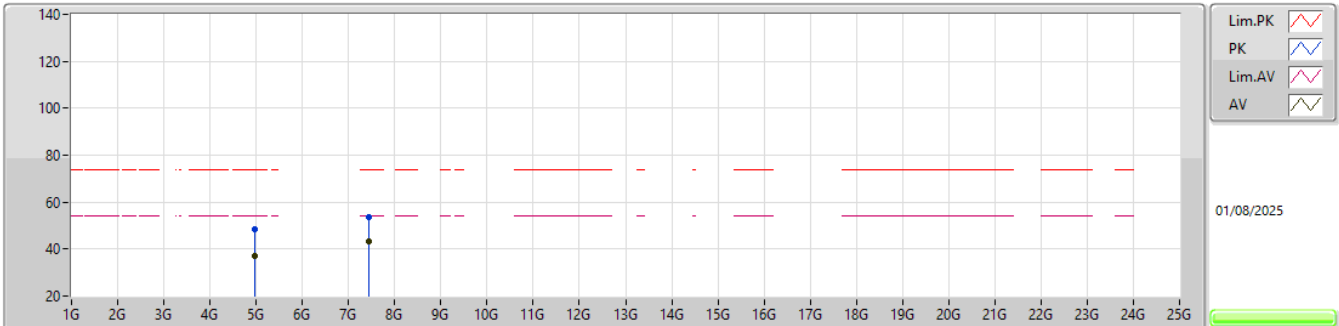


EUT_X_1TX
Setting 10
06-E-G-4

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	4.96394G	48.24	74.00	-25.76	42.16	3	Vertical	71	3.00	-	33.20	6.56	33.68				
AV	4.96454G	37.27	54.00	-16.73	31.19	3	Vertical	71	3.00	-	33.20	6.56	33.68				
PK	7.44158G	54.66	74.00	-19.34	42.16	3	Vertical	82	2.06	-	37.38	8.71	33.59				
AV	7.4409G	43.07	54.00	-10.93	30.57	3	Vertical	82	2.06	-	37.38	8.71	33.59				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_X_1TX
Setting 10
06-E-G-4

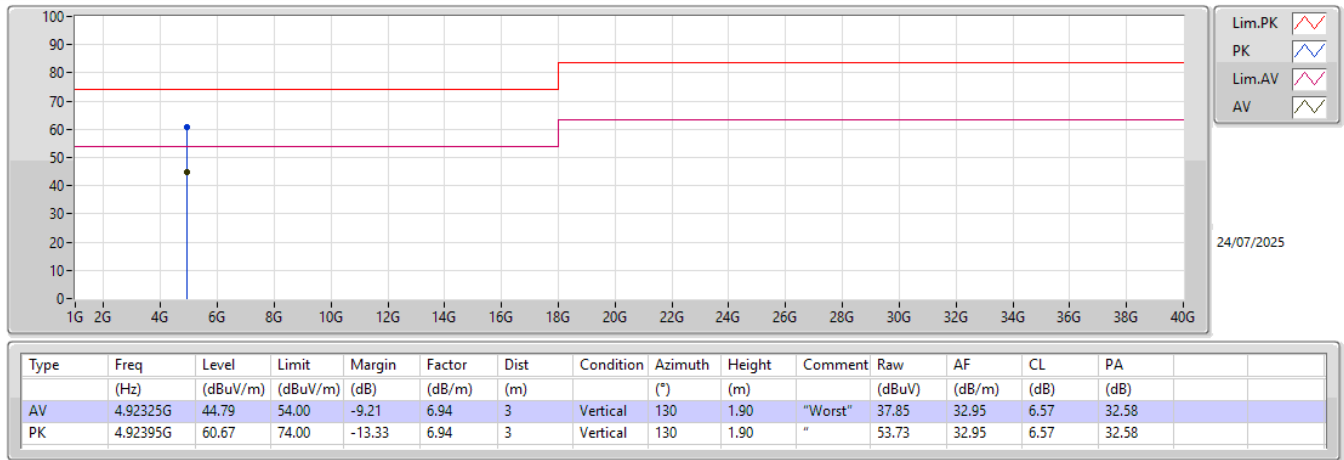
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95888G	48.25	74.00	-25.75	42.17	3	Horizontal	290	1.52	-	33.20	6.56	33.68			
AV	4.96104G	37.15	54.00	-16.85	31.07	3	Horizontal	290	1.52	-	33.20	6.56	33.68			
PK	7.4364G	53.84	74.00	-20.16	41.36	3	Horizontal	187	2.64	-	37.37	8.70	33.59			
AV	7.44124G	43.17	54.00	-10.83	30.67	3	Horizontal	187	2.64	-	37.38	8.71	33.59			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.92325G	44.79	54.00	-9.21	Vertical

Mode 1



Mode 1

