

Testing Laboratory
3787

RADIO TEST REPORT

FCC ID : TLZ-AM510
Equipment : IEEE 802.11 1X1 a/b/g/n Wireless LAN + Bluetooth
5.1 Combo 12 x 12 LGA Module
Brand Name : AzureWave
Model Name : AW-AM510 ; AW-AM510-I
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 Nov. 14, 2024, and testing was started from Jan. 21, 2025 and completed on Jan. 23, 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 C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. 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.)



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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 20
Issued Date : Feb. 05, 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(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: Sophia Shiung



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)	1.0	1TX
2.4-2.4835GHz	BT-LE(500Kb/s)	1.0	1TX
2.4-2.4835GHz	BT-LE(125Kb/s)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

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

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Molex	1461531050	Dipole	I-PEX	Note 1
2	1	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	Note 1
3	1	LYNwave	5-PP005421	PIFA	I-PEX	Note 1
4	1	California Eastern Laboratories	Dual-Band Planar Antenna 0033	Split Ring	N/A	Note 1

Note 1:

Ant.	Antenna Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	3.20	4.25	3.20
2	2.98	5.16	2.98
3	2.90	4.30	2.90
4	1.00	4.40	1.00

Note 2: The above information was declared by manufacturer.

Note 3: **<For WLAN 2.4GHz>****For IEEE 802.11b/g/n mode (1TX/1RX)**

Only Port 1 can be used as transmitting/receiving.

<For WLAN 5GHz>**For IEEE 802.11a/n mode (1TX/1RX)**

Only Port 1 can be used as transmitting/receiving.

<For Bluetooth> (1TX/1RX)

Only Port 1 can be used as transmitting/receiving.

1.1.3 Antenna Trace Layout

Type of Antenna Trace Layout	Antenna
1	Ant. 1~3
2	Ant. 4

Note: The above information was declared by manufacturer.

**1.1.4 EUT Operational Condition**

EUT Power Type	From host system			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	DOS [ver 6.1.7601]			
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.

1.1.5 Table for Multiple Listing

Model Name	Operating Temperature
AW-AM510	0~70°C
AW-AM510-I	-40~85°C

Note 1: From the above models, model: AW-AM510 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR131001AD.

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

Modifications	Performance Checking
1. Add the Split Ring antenna with new type of antenna trace layout (Please refer to section 1.1.2 and 1.1.3, Ant. 4 for detailed information.) 2. Add new type of antenna trace layout, type 2, only for Ant. 4.	1. AC Power-line Conducted Emissions 2. Emissions in Restricted Frequency Bands (The measurement above 1GHz was based on the Output Power result in the original report.)
3. Remove model "AW-AM510MA". 4. Revise the information in Table for Multiple Listing (Please refer to section 1.1.5 for detailed information.)	After evaluation, it does not need to re-test.



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 C63.10-2013

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
Radiated	03CH05-CB	Black Lu	22.6~23.2 / 59~63	Jan. 21, 2025~ Jan. 22, 2025
AC Conduction	CO01-CB	Tim Chen	21~22 / 58~59	Jan. 23, 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)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 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 + Ant. 4 with antenna trace layout type 2_Bluetooth
2	EUT + Ant. 4 with antenna trace layout type 2_WLAN 2.4GHz
3	EUT + Ant. 4 with antenna trace layout type 2_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	

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
	"EUT in Y axis" for WLAN 2.4GHz and Bluetooth, and "EUT in X axis" for WLAN 5GHz generated the worst cases at Radiated measurement above 1GHz. Consequently, the measurement will follow these same test modes.
1	EUT in Y axis + Ant. 4 with antenna trace layout type 2_Bluetooth
2	EUT in Y axis + Ant. 4 with antenna trace layout type 2_WLAN 2.4GHz
3	EUT in X axis + Ant. 4 with antenna trace layout type 2_WLAN 5GHz
For operating, mode 1 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions, and the worst case was found at X axis for Bandedge, and at Y axis for Harmonic. Thus, the measurement will follow these same test configurations.
1	EUT in X axis (Bandedge) + Ant. 4 with antenna trace layout type 2 EUT in Y axis (Harmonic) + Ant. 4 with antenna trace layout type 2



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth (Ant. 1 with antenna trace layout type 1) + WLAN 2.4GHz (Ant. 1 with antenna trace layout type 1)
2	Bluetooth (Ant. 1 with antenna trace layout type 1) + WLAN 5GHz (Ant. 2 with antenna trace layout type 1)
Refer to Sporton Test Report No.: FA131001-03 for Co-location RF Exposure Evaluation.	

2.2 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.3 Accessories

N/A

2.4 Support Equipment

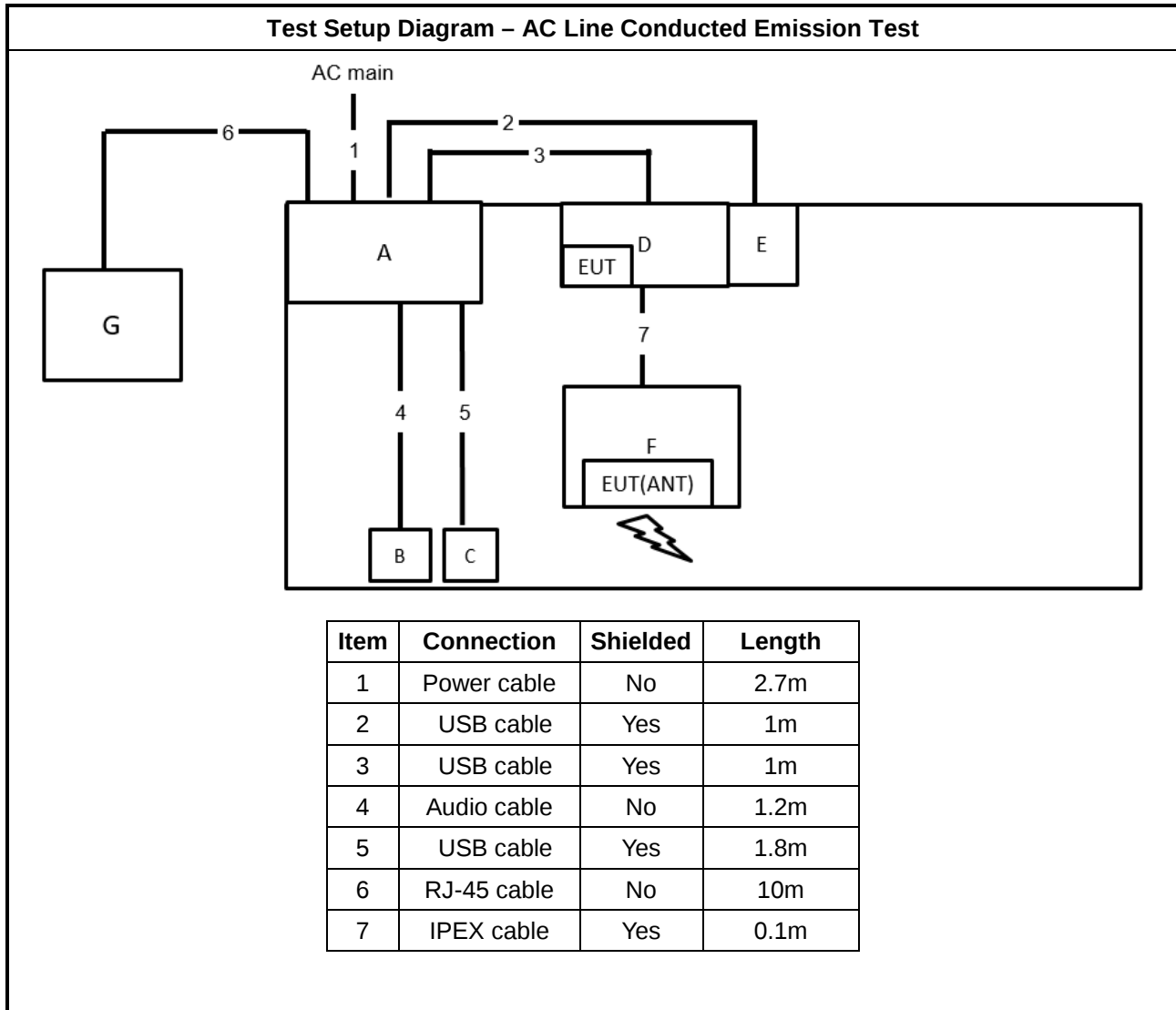
For AC Conduction:

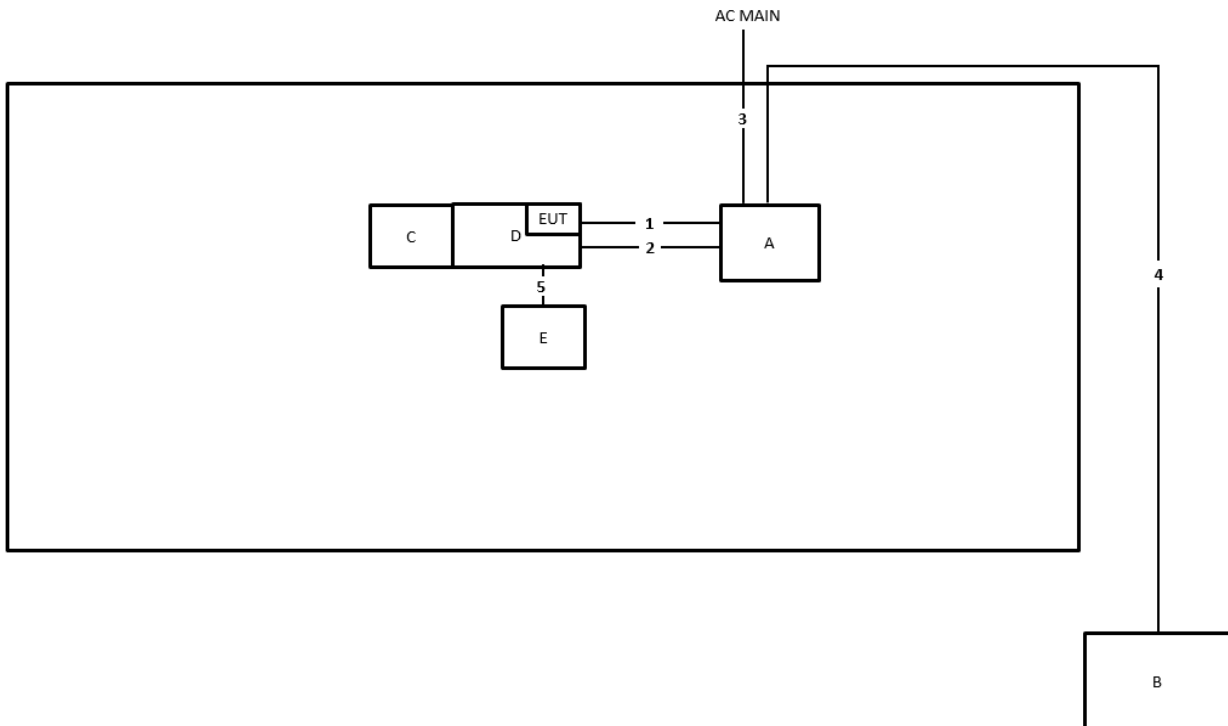
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Console NB	DELL	E4300	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	Fixure 1	AzureWave	9007 I12	N/A
E	Fixure 2	AzureWave	2510 I1	N/A
F	ANT Fixure	CEL	Variant 1	N/A
G	Device NB	DELL	E4300	N/A

For Radiated:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Fixtrue 1	AzureWave	9007 I12	N/A
D	Fixtrue 2	AzureWave	2510 I1	N/A
E	ANT Fixture	CEL	Variant 1	N/A

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	USB to Micro cable	Yes	1m
2	USB to Micro cable	Yes	1m
3	Power cable	No	2.6m
4	RJ-45 cable	No	10m
5	lpx cable	Yes	0.1m



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.

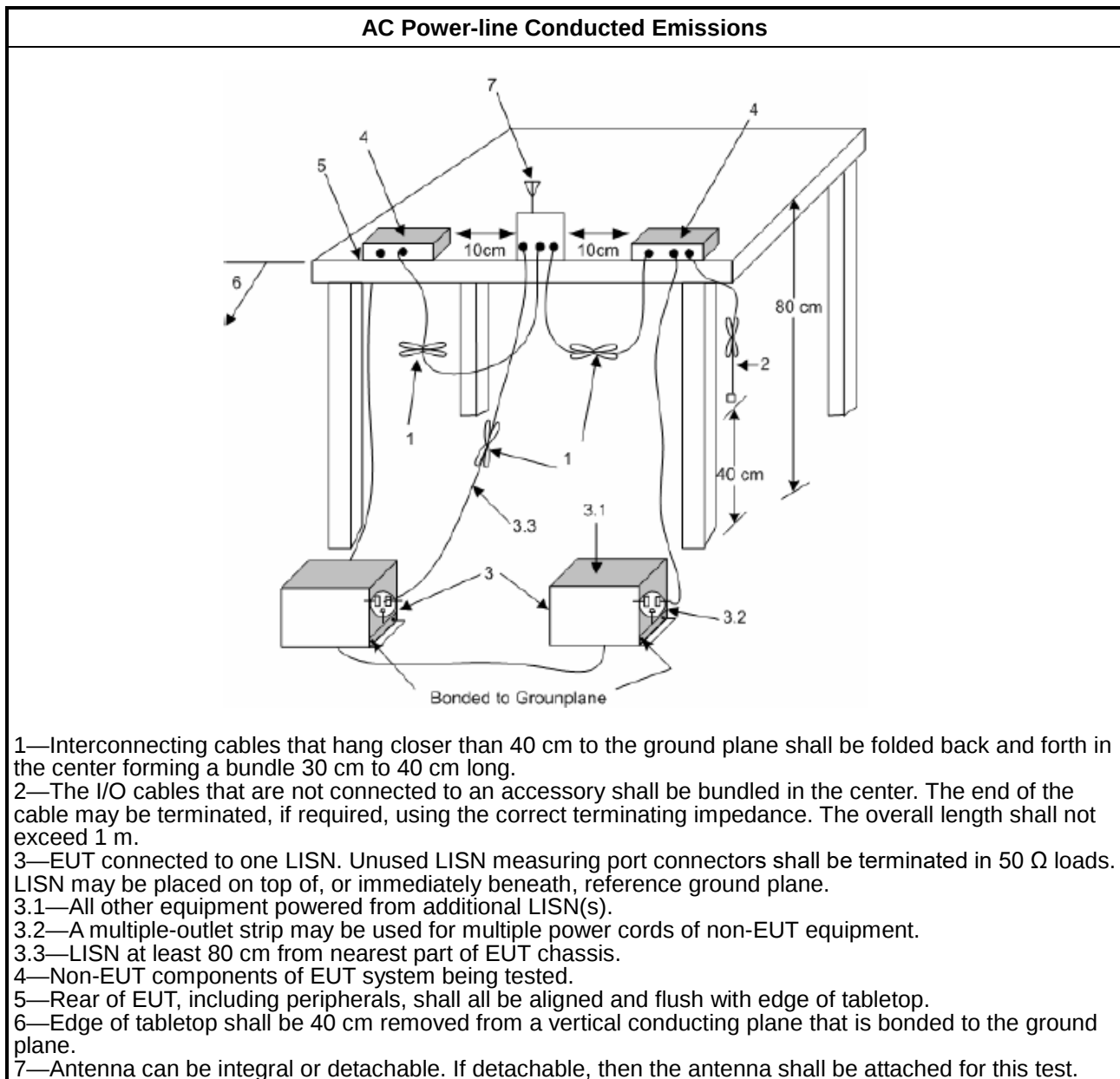
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



1.1.1. 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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A



3.2 Emissions in Restricted Frequency Bands

3.2.1 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.

3.2.2 Measuring Instruments

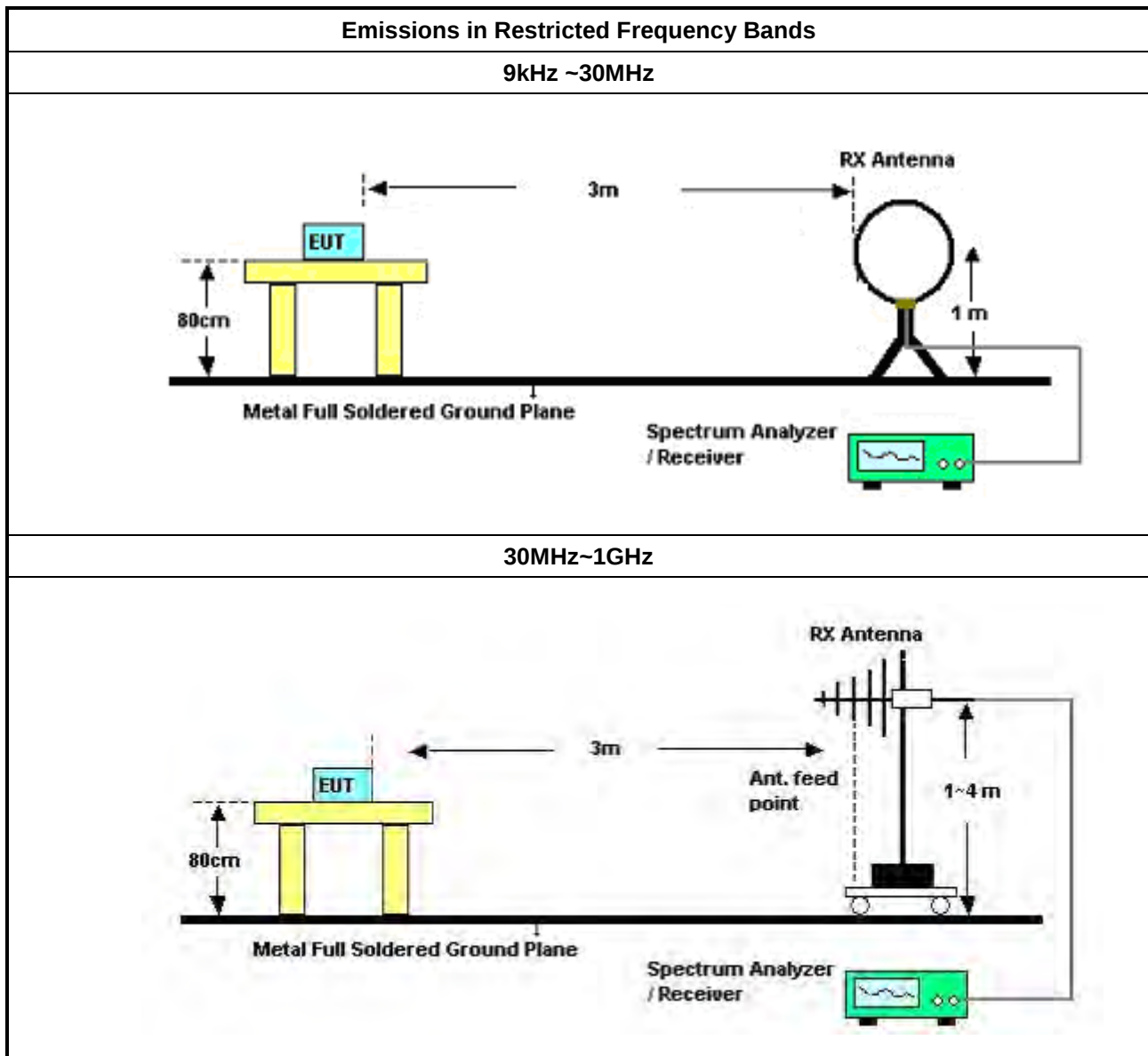
Refer a test equipment and calibration data table in this test report.

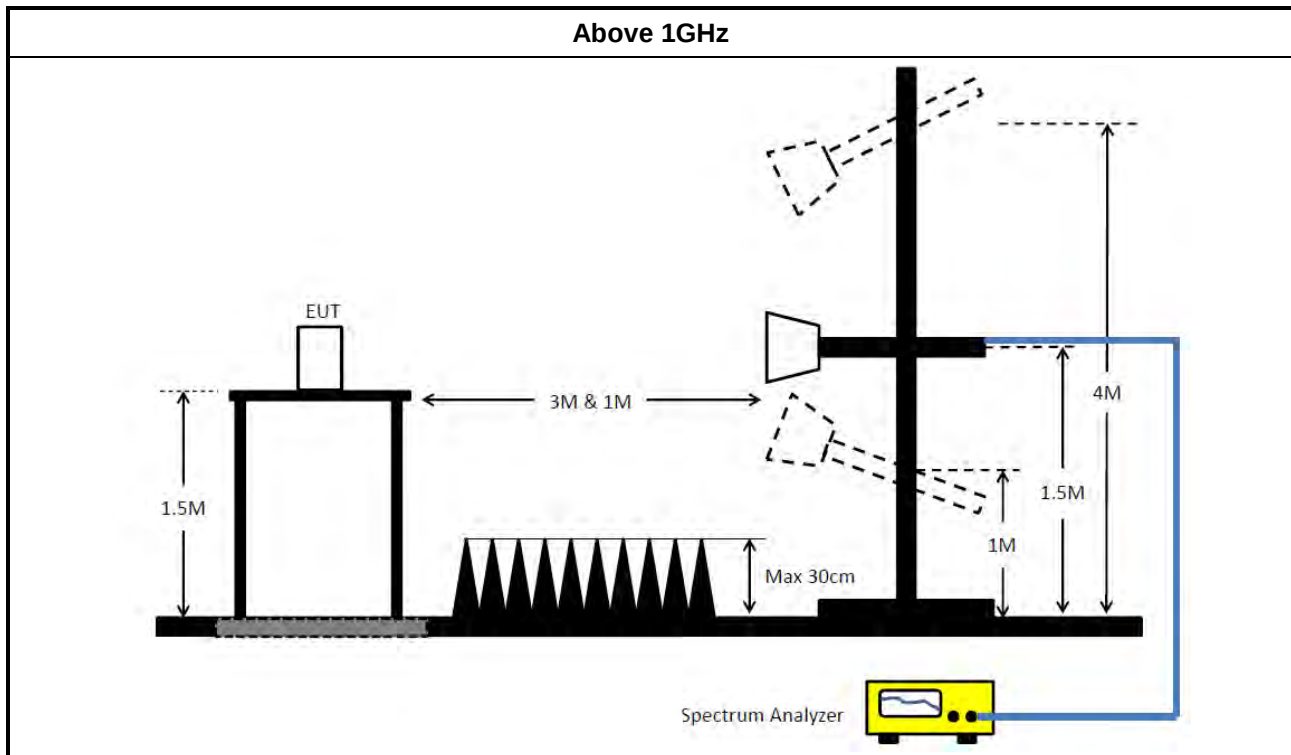


3.2.3 Test Procedures

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.

3.2.4 Test Setup





3.2.5 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.

3.2.6 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.

3.2.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix B



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. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	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	Low 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. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)



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Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)

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

NCR means Non-Calibration required.



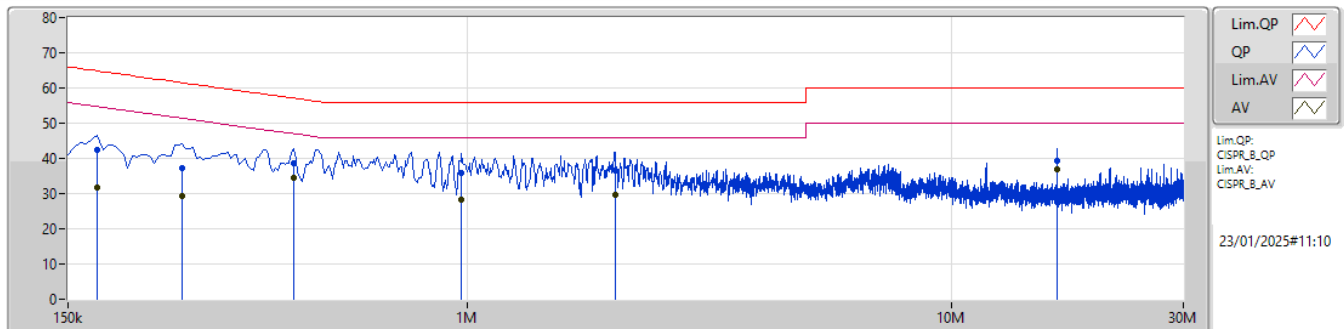
Conducted Emissions at Powerline

Appendix A

Summary

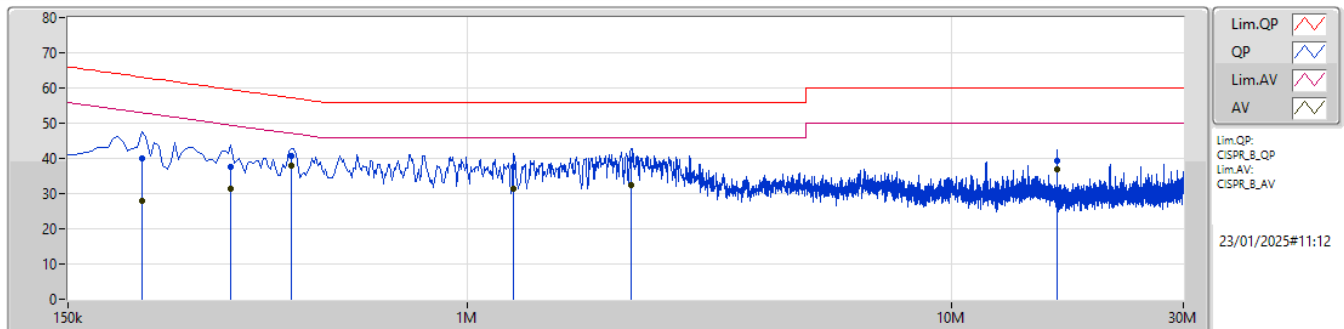
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	433.5k	37.79	47.19	-9.40	Neutral

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	172.5k	42.48	64.83	-22.35	10.04	Line	-	32.44	0.04	0.07	9.93						
AV	172.5k	31.61	54.83	-23.22	10.04	Line	-	21.57	0.04	0.07	9.93						
QP	258k	37.40	61.49	-24.09	10.11	Line	-	27.29	0.04	0.08	9.99						
AV	258k	29.42	51.49	-22.07	10.11	Line	-	19.31	0.04	0.08	9.99						
QP	438k	38.50	57.11	-18.61	10.22	Line	-	28.28	0.05	0.10	10.07						
AV	438k	34.52	47.11	-12.59	10.22	Line	"Worst"	24.30	0.05	0.10	10.07						
QP	973.5k	35.98	56.00	-20.02	10.32	Line	-	25.66	0.07	0.09	10.16						
AV	973.5k	28.28	46.00	-17.72	10.32	Line	-	17.96	0.07	0.09	10.16						
QP	2.018M	36.61	56.00	-19.39	10.18	Line	-	26.43	0.09	0.14	9.95						
AV	2.018M	29.54	46.00	-16.46	10.18	Line	-	19.36	0.09	0.14	9.95						
QP	16.467M	39.16	60.00	-20.84	10.48	Line	-	28.68	0.29	0.26	9.93						
AV	16.467M	36.80	50.00	-13.20	10.48	Line	-	26.32	0.29	0.26	9.93						

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	213k	39.89	63.09	-23.20	10.09	Neutral	-	29.80	0.06	0.07	9.96						
AV	213k	28.10	53.09	-24.99	10.09	Neutral	-	18.01	0.06	0.07	9.96						
QP	325.5k	37.55	59.56	-22.01	10.18	Neutral	-	27.37	0.06	0.09	10.03						
AV	325.5k	31.26	49.56	-18.30	10.18	Neutral	-	21.08	0.06	0.09	10.03						
QP	433.5k	40.59	57.19	-16.60	10.23	Neutral	-	30.36	0.06	0.10	10.07						
AV	433.5k	37.79	47.19	-9.40	10.23	Neutral	"Worst"	27.56	0.06	0.10	10.07						
QP	1.248M	37.65	56.00	-18.35	10.29	Neutral	-	27.36	0.09	0.11	10.09						
AV	1.248M	31.26	46.00	-14.74	10.29	Neutral	-	20.97	0.09	0.11	10.09						
QP	2.18M	39.80	56.00	-16.20	10.18	Neutral	-	29.62	0.10	0.14	9.94						
AV	2.18M	32.56	46.00	-13.44	10.18	Neutral	-	22.38	0.10	0.14	9.94						
QP	16.467M	39.26	60.00	-20.74	10.47	Neutral	-	28.79	0.28	0.26	9.93						
AV	16.467M	36.91	50.00	-13.09	10.47	Neutral	-	26.44	0.28	0.26	9.93						



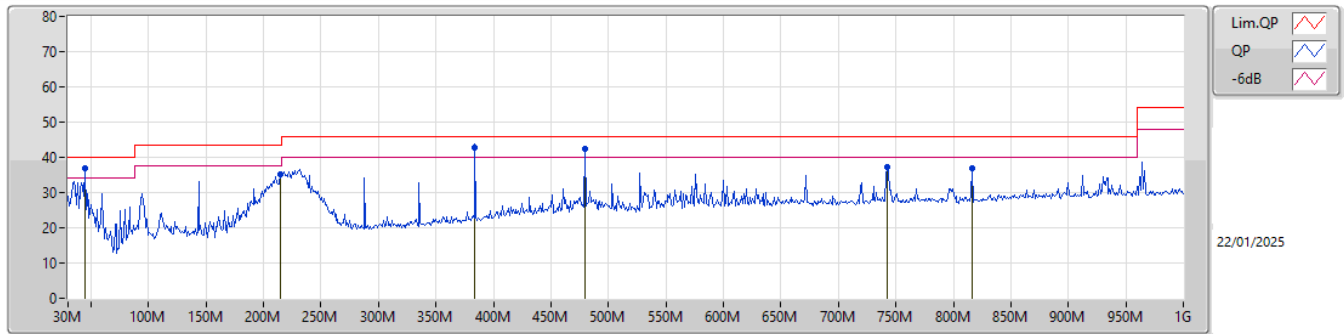
Radiated Emissions below 1GHz

Appendix B.1

Summary

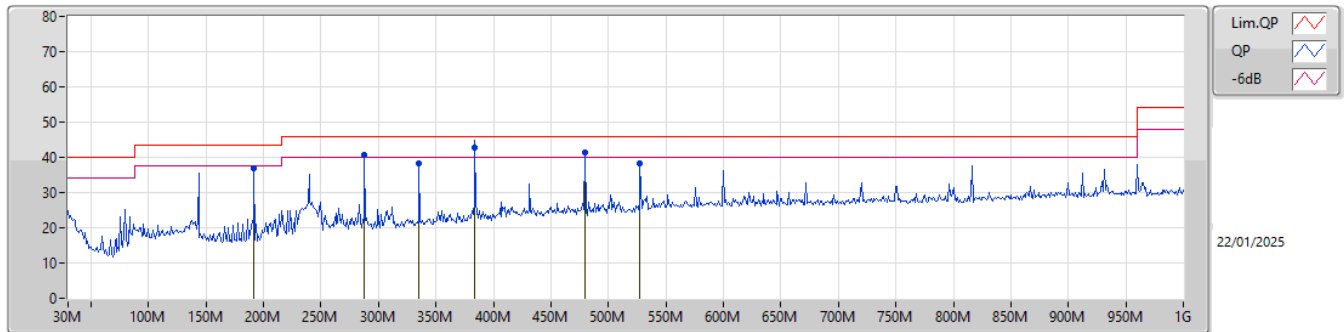
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	384.05M	42.87	46.00	-3.13	Vertical

Mode 1



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	44.55M	36.76	40.00	-3.24	-13.86	3	Vertical	360	1.00	-	50.62	16.63	1.11	31.60		
PK	214.3M	35.14	43.50	-8.36	-14.70	3	Vertical	360	1.00	-	49.84	14.87	2.21	31.78		
QP	384.05M	42.87	46.00	-3.13	-8.10	3	Vertical	154	1.25	"Worst"	50.97	20.86	3.01	31.97		
PK	480.08M	42.38	46.00	-3.62	-5.57	3	Vertical	136	1.00	-	47.95	23.15	3.36	32.08		
PK	742.95M	37.23	46.00	-8.77	-2.68	3	Vertical	297	1.00	-	39.91	25.47	4.21	32.36		
PK	816.67M	36.96	46.00	-9.04	-2.25	3	Vertical	257	1.25	-	39.21	25.65	4.43	32.33		

Mode 1



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	191.99M	37.02	43.50	-6.48	-14.72	3	Horizontal	228	1.25	-	51.74	14.96	2.09	31.77		
PK	288.02M	40.81	46.00	-5.19	-10.40	3	Horizontal	198	1.00	-	51.21	18.86	2.58	31.84		
PK	335.55M	38.37	46.00	-7.63	-9.30	3	Horizontal	167	1.00	-	47.67	19.80	2.80	31.90		
QP	384.05M	42.75	46.00	-3.25	-8.10	3	Horizontal	155	1.00	"Worst"	50.85	20.86	3.01	31.97		
PK	480.08M	41.28	46.00	-4.72	-5.57	3	Horizontal	100	2.00	-	46.85	23.15	3.36	32.08		
PK	527.61M	38.25	46.00	-7.75	-5.30	3	Horizontal	103	1.50	-	43.55	23.33	3.51	32.14		

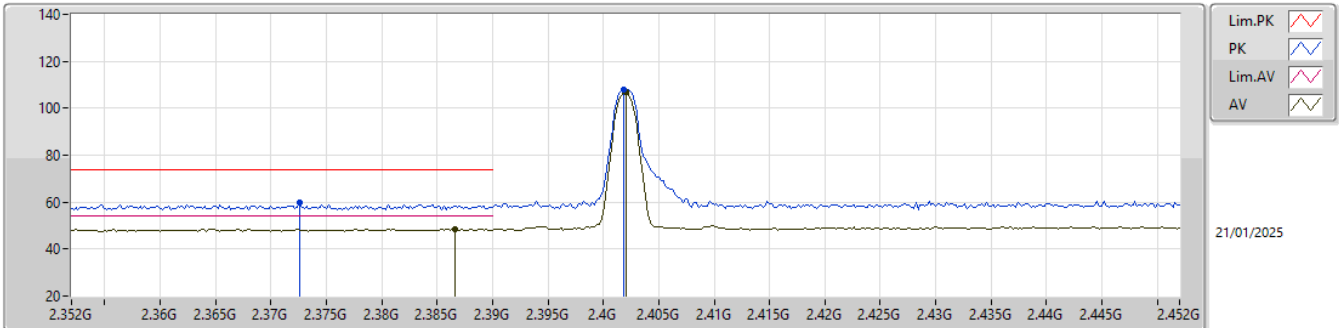


Summary

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-LTE(2Mbps)	Pass	AV	4.80302G	52.87	54.00	-1.13	3	Horizontal	212	2.54	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

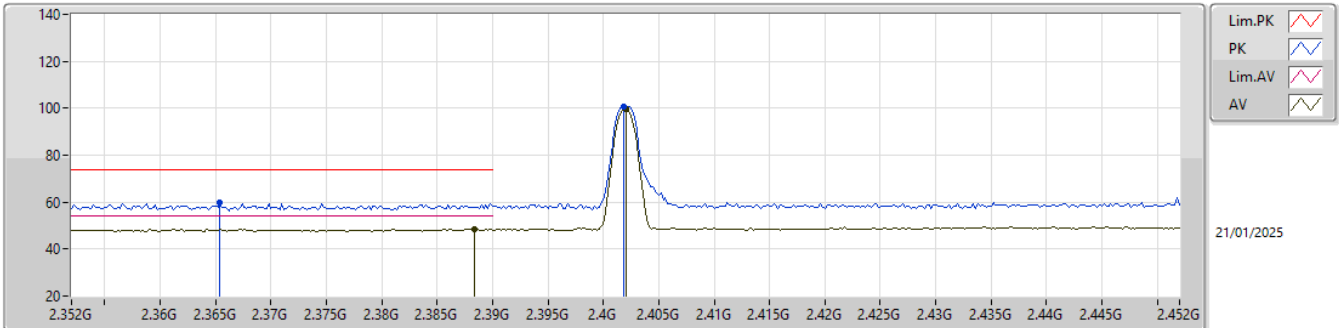


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3726G	59.82	74.00	-14.18	28.53	3	Vertical	71	1.00	-	27.30	3.99	-			
AV	2.3866G	48.46	54.00	-5.54	17.04	3	Vertical	71	1.00	-	27.43	3.99	-			
PK	2.4018G	107.69	Inf	-Inf	76.20	3	Vertical	71	1.00	-	27.50	3.99	-			
AV	2.402G	106.86	Inf	-Inf	75.37	3	Vertical	71	1.00	-	27.50	3.99	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

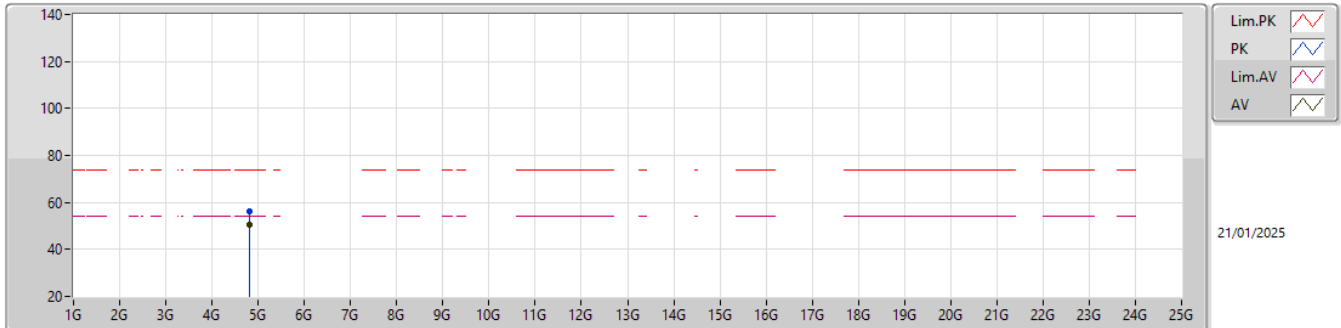


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3654G	59.86	74.00	-14.14	28.52	3	Horizontal	237	2.69	-	27.35	3.99	-				
AV	2.3884G	48.51	54.00	-5.49	17.05	3	Horizontal	237	2.69	-	27.47	3.99	-				
PK	2.4018G	100.70	Inf	-Inf	69.21	3	Horizontal	237	2.69	-	27.50	3.99	-				
AV	2.402G	99.84	Inf	-Inf	68.35	3	Horizontal	237	2.69	-	27.50	3.99	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

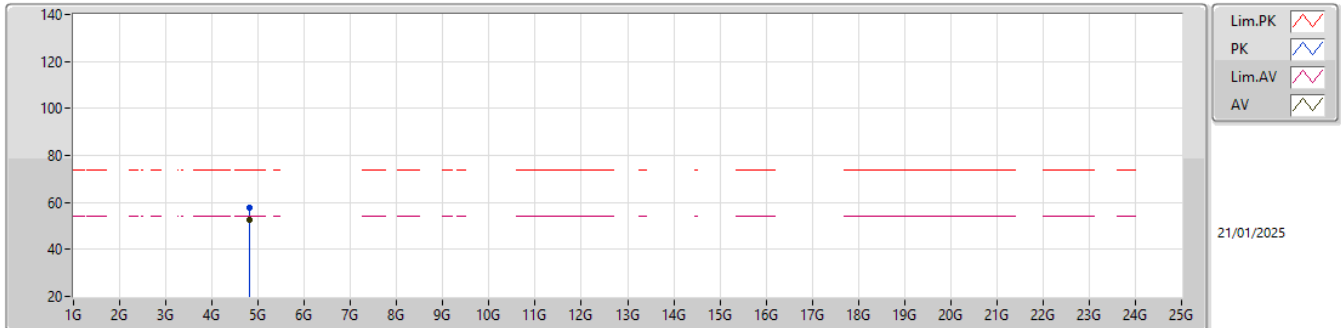


EUT_Y_1TX
Setting 8
05-L-Y-1

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	4.80468G	56.11	74.00	-17.89	51.23	3	Vertical	256	1.03	-	32.61	7.88	35.61			
AV	4.80392G	50.34	54.00	-3.66	45.46	3	Vertical	256	1.03	-	32.61	7.88	35.61			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

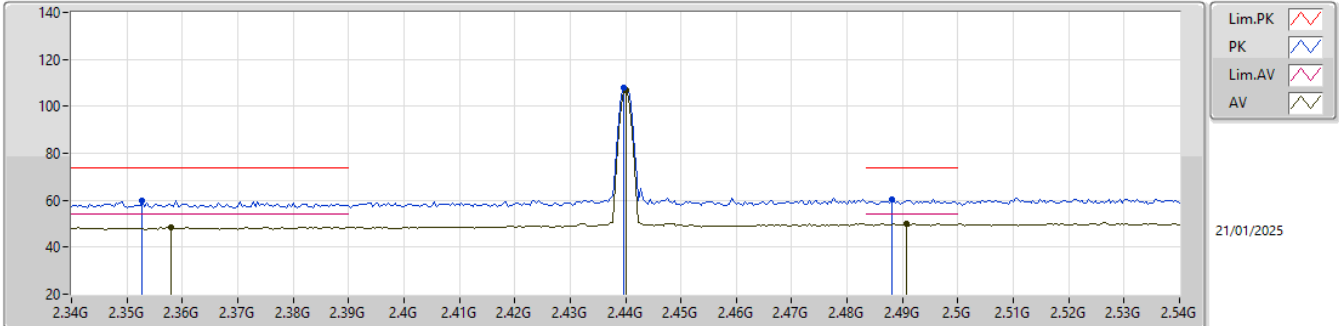


EUT_Y_1TX
Setting 8
05-L-Y-1

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	4.80453G	57.89	74.00	-16.11	53.01	3	Horizontal	214	2.52	-	32.61	7.88	35.61			
AV	4.80385G	52.78	54.00	-1.22	47.90	3	Horizontal	214	2.52	-	32.61	7.88	35.61			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

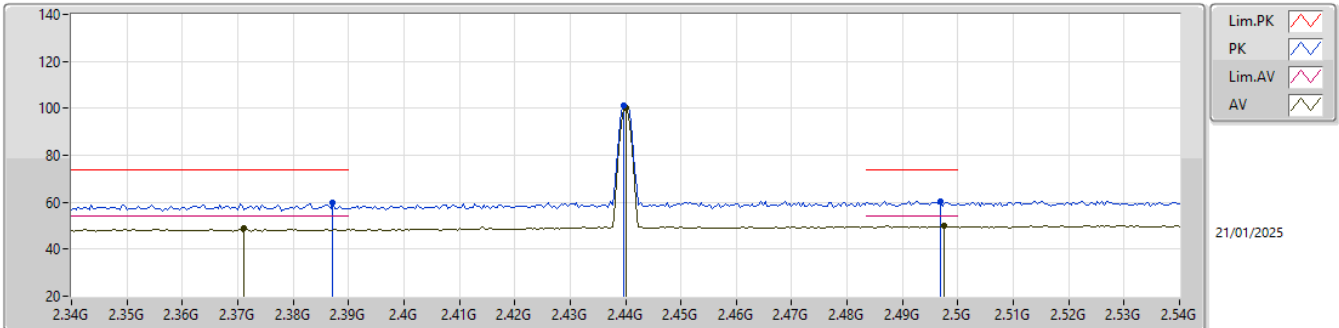


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3528G	59.86	74.00	-14.14	28.47	3	Vertical	79	1.80	-	27.40	3.99	-			
AV	2.358G	48.60	54.00	-5.40	17.21	3	Vertical	79	1.80	-	27.40	3.99	-			
PK	2.4396G	107.78	Inf	-Inf	76.05	3	Vertical	79	1.80	-	27.70	4.03	-			
AV	2.44G	106.96	Inf	-Inf	75.23	3	Vertical	79	1.80	-	27.70	4.03	-			
PK	2.488G	60.44	74.00	-13.56	28.37	3	Vertical	79	1.80	-	27.98	4.09	-			
AV	2.4908G	50.11	54.00	-3.89	18.02	3	Vertical	79	1.80	-	28.00	4.09	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

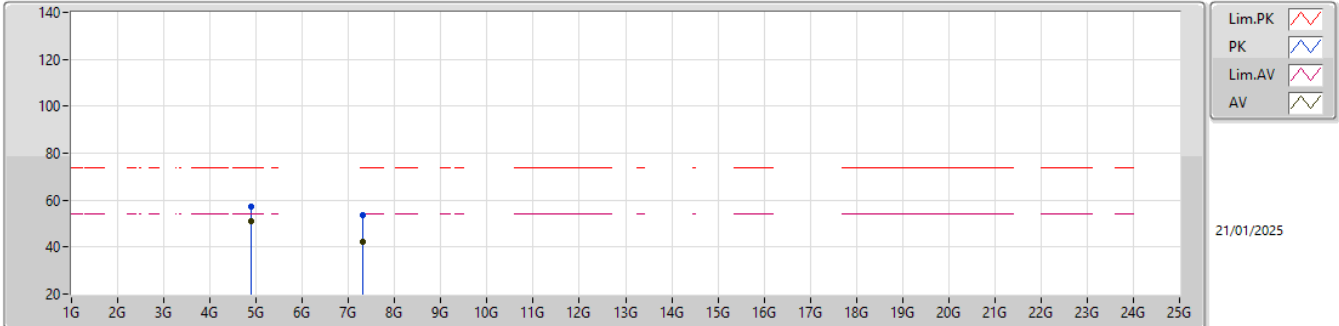


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3872G	59.70	74.00	-14.30	28.27	3	Horizontal	236	2.90	-	27.44	3.99	-			
AV	2.3712G	48.73	54.00	-5.27	17.44	3	Horizontal	236	2.90	-	27.30	3.99	-			
PK	2.4396G	101.27	Inf	-Inf	69.54	3	Horizontal	236	2.90	-	27.70	4.03	-			
AV	2.44G	100.43	Inf	-Inf	68.70	3	Horizontal	236	2.90	-	27.70	4.03	-			
PK	2.4968G	60.48	74.00	-13.52	28.38	3	Horizontal	236	2.90	-	28.00	4.10	-			
AV	2.4976G	49.90	54.00	-4.10	17.80	3	Horizontal	236	2.90	-	28.00	4.10	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

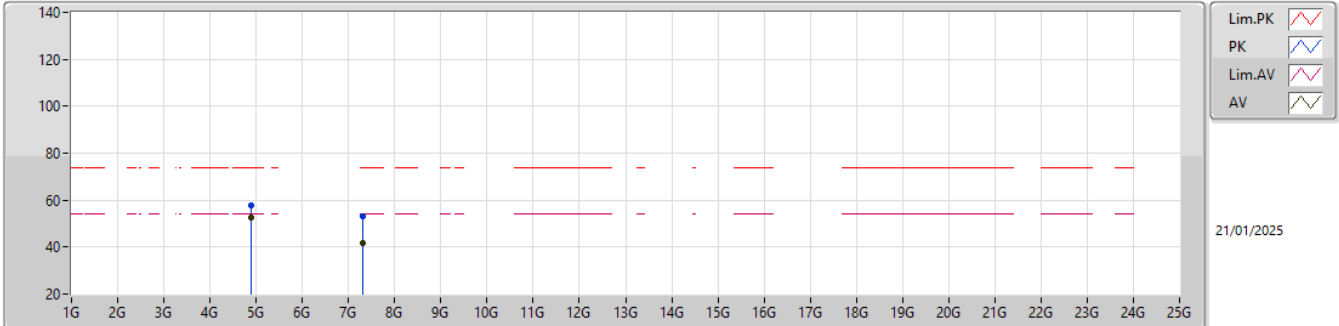


EUT_Y_1TX
Setting 9
05-L-Y-1

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	4.87952G	57.03	74.00	-16.97	51.88	3	Vertical	226	1.01	-	32.82	7.92	35.59			
AV	4.88012G	50.90	54.00	-3.10	45.75	3	Vertical	226	1.01	-	32.82	7.92	35.59			
PK	7.32057G	53.40	74.00	-20.60	41.76	3	Vertical	251	2.37	-	37.02	9.38	34.76			
AV	7.32049G	42.00	54.00	-12.00	30.36	3	Vertical	251	2.37	-	37.02	9.38	34.76			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

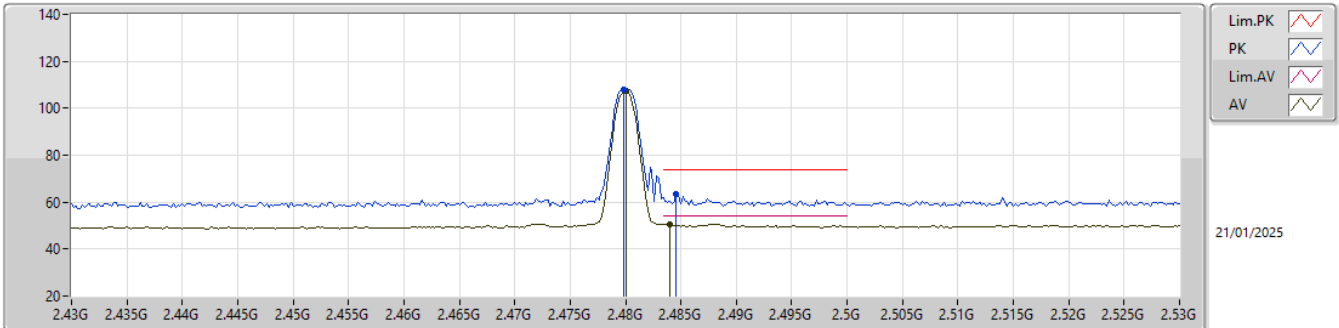


EUT_Y_1TX
Setting 9
05-L-Y-1

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	4.88047G	57.87	74.00	-16.13	52.72	3	Horizontal	211	1.02	-	32.82	7.92	35.59			
AV	4.87995G	52.80	54.00	-1.20	47.65	3	Horizontal	211	1.02	-	32.82	7.92	35.59			
PK	7.32014G	53.12	74.00	-20.88	41.48	3	Horizontal	198	1.26	-	37.02	9.38	34.76			
AV	7.32004G	41.93	54.00	-12.07	30.29	3	Horizontal	198	1.26	-	37.02	9.38	34.76			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

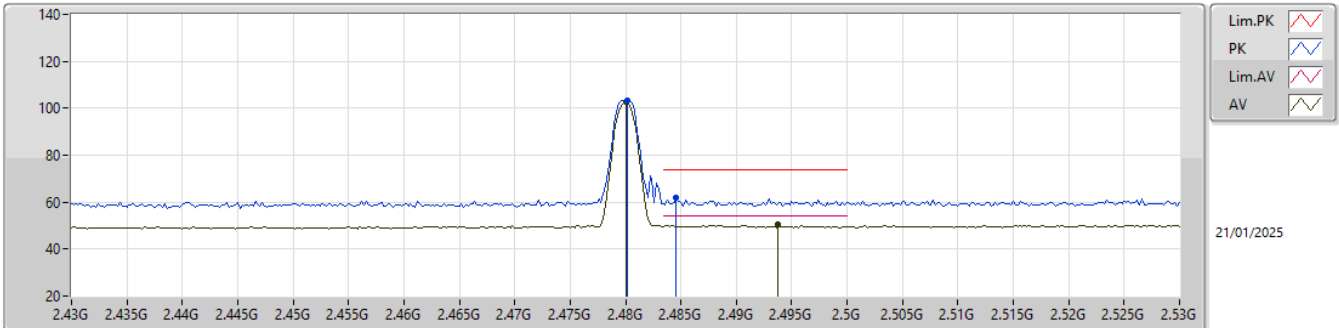


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.4798G	108.12	Inf	-Inf	76.14	3	Vertical	80	1.80	-	27.90	4.08	-				
AV	2.48G	107.28	Inf	-Inf	75.30	3	Vertical	80	1.80	-	27.90	4.08	-				
PK	2.4846G	63.53	74.00	-10.47	31.50	3	Vertical	80	1.80	-	27.95	4.08	-				
AV	2.484G	50.67	54.00	-3.33	18.65	3	Vertical	80	1.80	-	27.94	4.08	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

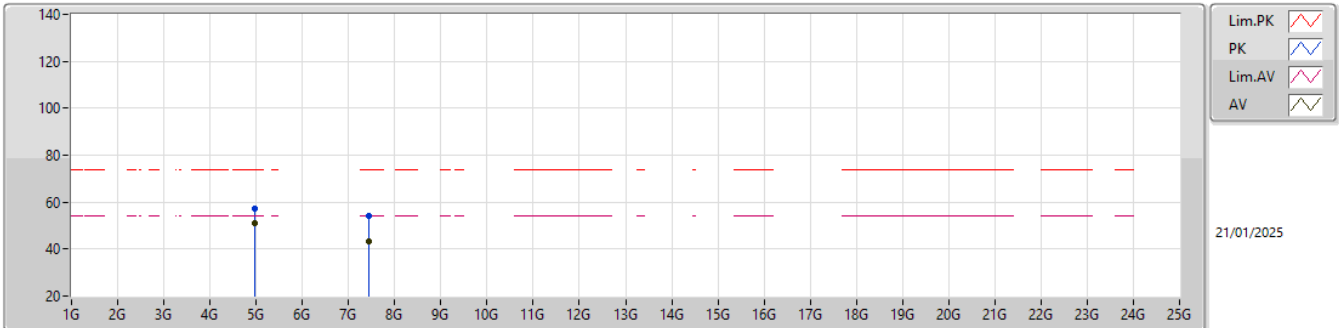


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.4802G	103.52	Inf	-Inf	71.54	3	Horizontal	107	2.89	-	27.90	4.08	-				
AV	2.48G	102.68	Inf	-Inf	70.70	3	Horizontal	107	2.89	-	27.90	4.08	-				
PK	2.4846G	62.10	74.00	-11.90	30.07	3	Horizontal	107	2.89	-	27.95	4.08	-				
AV	2.4938G	50.33	54.00	-3.67	18.24	3	Horizontal	107	2.89	-	28.00	4.09	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

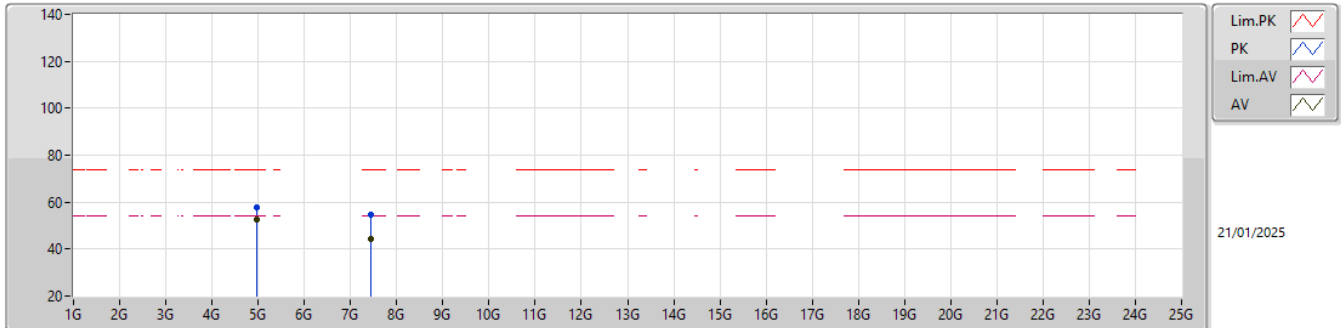


EUT_Y_1TX
Setting 9.5
05-L-Y-1

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	4.95938G	57.00	74.00	-17.00	51.39	3	Vertical	276	2.26	-	33.22	7.96	35.57			
AV	4.9599G	51.13	54.00	-2.87	45.52	3	Vertical	276	2.26	-	33.22	7.96	35.57			
PK	7.44058G	54.05	74.00	-19.95	42.58	3	Vertical	145	1.80	-	36.52	9.49	34.54			
AV	7.44055G	43.03	54.00	-10.97	31.56	3	Vertical	145	1.80	-	36.52	9.49	34.54			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

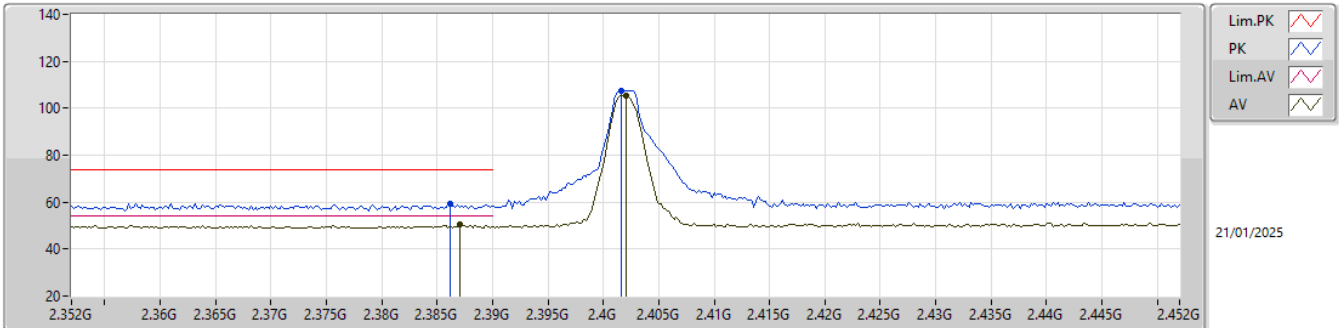


EUT_Y_1TX
Setting 9.5
05-L-Y-1

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	4.96048G	57.91	74.00	-16.09	52.30	3	Horizontal	222	2.29	-	33.22	7.96	35.57			
AV	4.95993G	52.77	54.00	-1.23	47.16	3	Horizontal	222	2.29	-	33.22	7.96	35.57			
PK	7.43926G	54.54	74.00	-19.46	43.07	3	Horizontal	237	1.80	-	36.52	9.49	34.54			
AV	7.43938G	44.35	54.00	-9.65	32.88	3	Horizontal	237	1.80	-	36.52	9.49	34.54			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

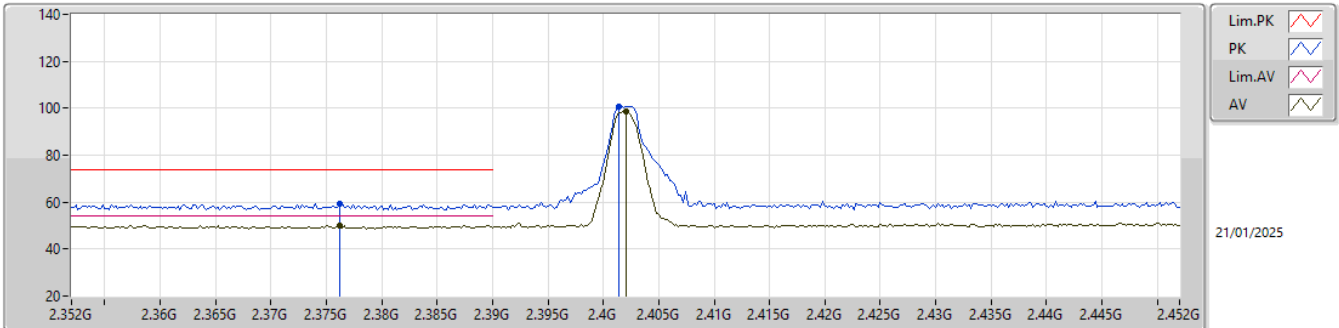


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3862G	59.22	74.00	-14.78	27.81	3	Vertical	71	1.00	-	27.42	3.99	-				
AV	2.387G	50.50	54.00	-3.50	19.07	3	Vertical	71	1.00	-	27.44	3.99	-				
PK	2.4016G	107.58	Inf	-Inf	76.09	3	Vertical	71	1.00	-	27.50	3.99	-				
AV	2.402G	105.53	Inf	-Inf	74.04	3	Vertical	71	1.00	-	27.50	3.99	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

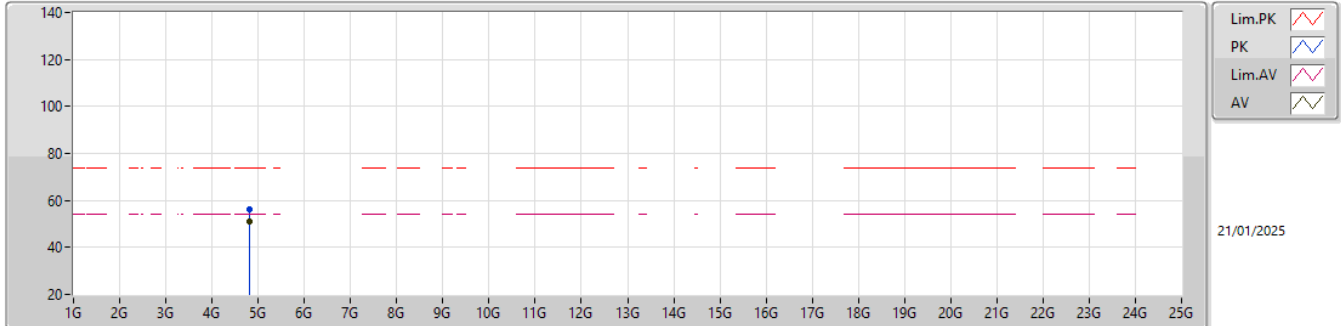


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3762G	59.46	74.00	-14.54	28.17	3	Horizontal	237	2.68	-	27.30	3.99	-			
AV	2.3762G	50.14	54.00	-3.86	18.85	3	Horizontal	237	2.68	-	27.30	3.99	-			
PK	2.4014G	100.84	Inf	-Inf	69.35	3	Horizontal	237	2.68	-	27.50	3.99	-			
AV	2.402G	98.73	Inf	-Inf	67.24	3	Horizontal	237	2.68	-	27.50	3.99	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

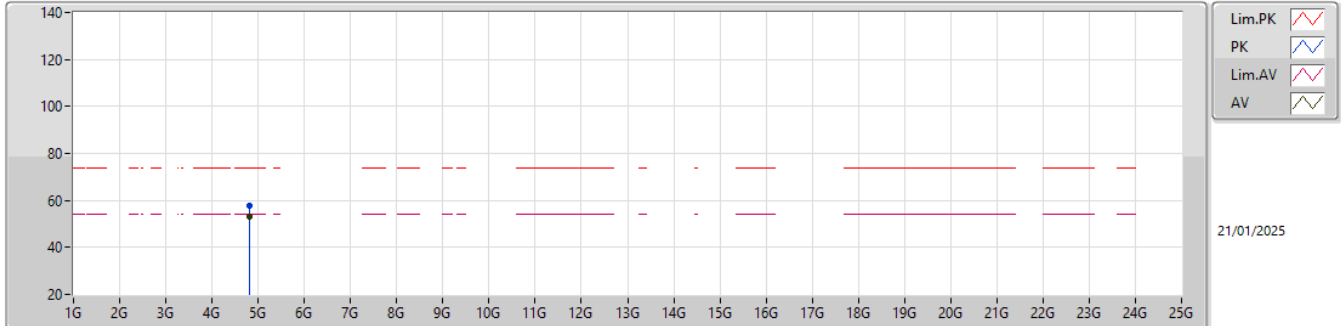


EUT_Y_1TX
Setting 8
05-L-Y-1

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	4.80298G	56.17	74.00	-17.83	51.29	3	Vertical	254	1.01	-	32.61	7.88	35.61			
AV	4.80304G	50.84	54.00	-3.16	45.96	3	Vertical	254	1.01	-	32.61	7.88	35.61			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

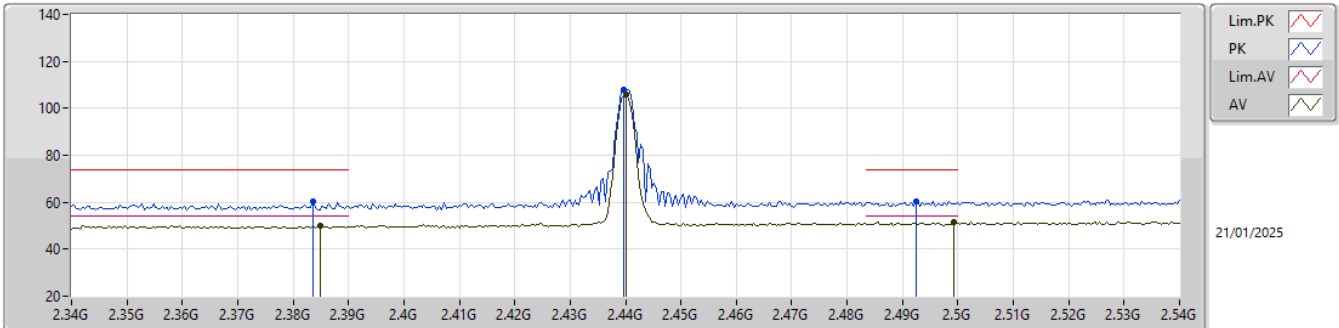


EUT_Y_1TX
Setting 8
05-L-Y-1

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	4.80393G	57.95	74.00	-16.05	53.07	3	Horizontal	212	2.54	-	32.61	7.88	35.61			
AV	4.80302G	52.87	54.00	-1.13	47.99	3	Horizontal	212	2.54	-	32.61	7.88	35.61			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

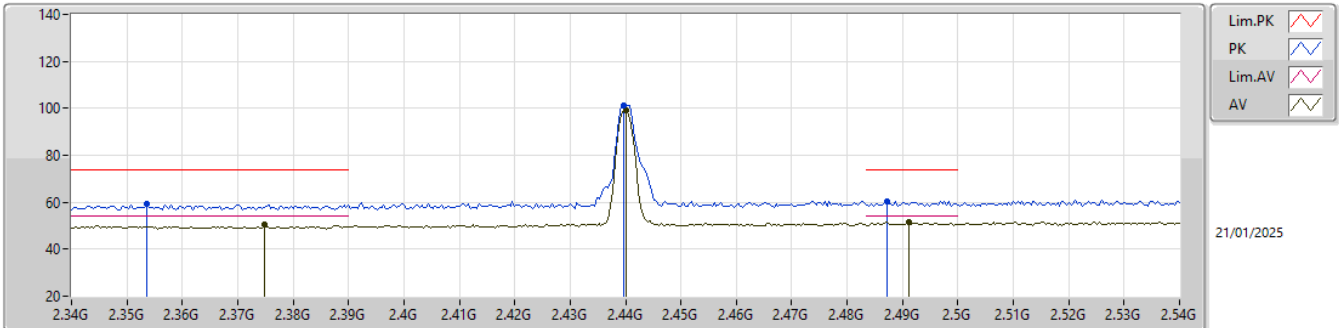


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3836G	60.09	74.00	-13.91	28.73	3	Vertical	79	1.80	-	27.37	3.99	-				
AV	2.3848G	50.07	54.00	-3.93	18.68	3	Vertical	79	1.80	-	27.40	3.99	-				
PK	2.4396G	107.82	Inf	-Inf	76.09	3	Vertical	79	1.80	-	27.70	4.03	-				
AV	2.44G	105.78	Inf	-Inf	74.05	3	Vertical	79	1.80	-	27.70	4.03	-				
PK	2.4924G	60.46	74.00	-13.54	28.37	3	Vertical	79	1.80	-	28.00	4.09	-				
AV	2.4992G	51.37	54.00	-2.63	19.27	3	Vertical	79	1.80	-	28.00	4.10	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

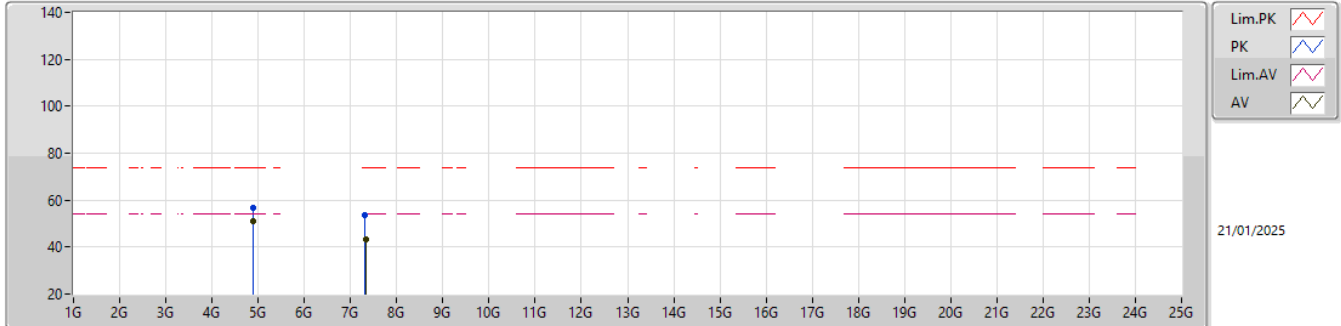


EUT_X_1TX
Setting 10
05-L-Y-1

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	2.3536G	59.30	74.00	-14.70	27.91	3	Horizontal	237	2.90	-	27.40	3.99	-				
AV	2.3748G	50.32	54.00	-3.68	19.03	3	Horizontal	237	2.90	-	27.30	3.99	-				
PK	2.4396G	101.28	Inf	-Inf	69.55	3	Horizontal	237	2.90	-	27.70	4.03	-				
AV	2.44G	99.25	Inf	-Inf	67.52	3	Horizontal	237	2.90	-	27.70	4.03	-				
PK	2.4872G	60.49	74.00	-13.51	28.43	3	Horizontal	237	2.90	-	27.97	4.09	-				
AV	2.4912G	51.35	54.00	-2.65	19.26	3	Horizontal	237	2.90	-	28.00	4.09	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

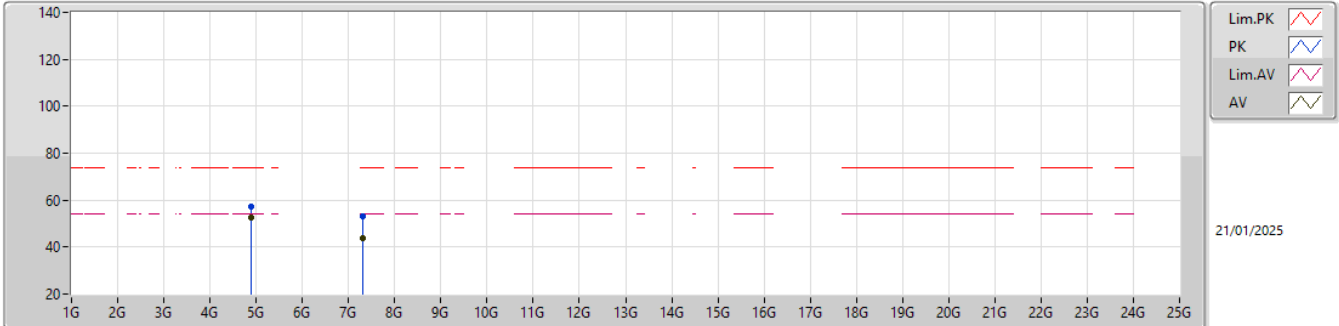


EUT_Y_1TX
Setting 8
05-L-Y-1

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	4.87892G	56.59	74.00	-17.41	51.44	3	Vertical	226	1.00	-	32.82	7.92	35.59			
AV	4.87902G	51.17	54.00	-2.83	46.02	3	Vertical	226	1.00	-	32.82	7.92	35.59			
PK	7.31891G	53.60	74.00	-20.40	41.96	3	Vertical	359	1.88	-	37.02	9.38	34.76			
AV	7.32204G	43.33	54.00	-10.67	31.69	3	Vertical	359	1.88	-	37.01	9.38	34.75			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

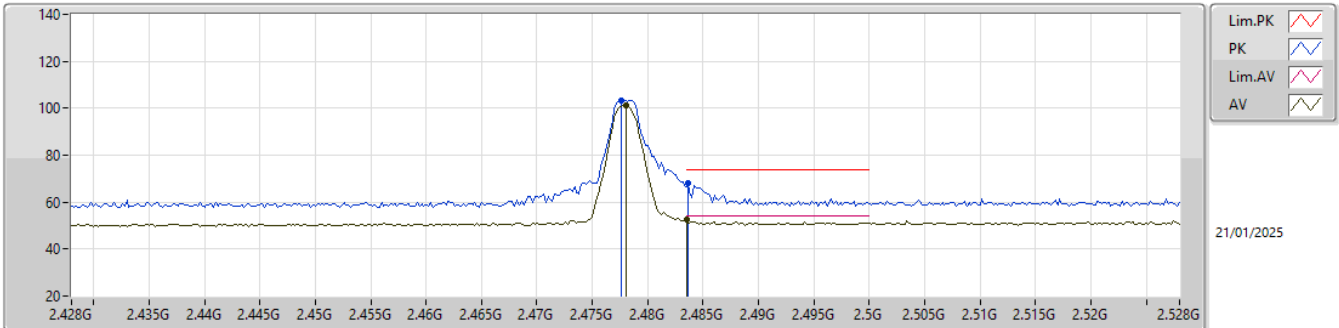


EUT_Y_1TX
Setting 8
05-L-Y-1

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	4.88083G	57.33	74.00	-16.67	52.18	3	Horizontal	210	1.02	-	32.82	7.92	35.59				
AV	4.87896G	52.52	54.00	-1.48	47.37	3	Horizontal	210	1.02	-	32.82	7.92	35.59				
PK	7.32184G	53.14	74.00	-20.86	41.50	3	Horizontal	299	1.26	-	37.01	9.38	34.75				
AV	7.32138G	43.67	54.00	-10.33	32.04	3	Horizontal	299	1.26	-	37.01	9.38	34.76				

2.4-2.4835GHz_BT-LE(2Mbps)

2478MHz_TX

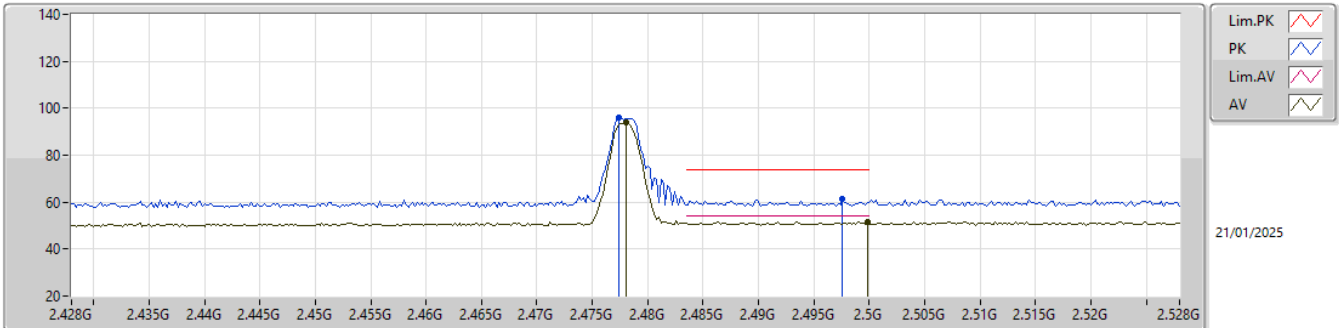


EUT X_1TX
Setting 5
05-L-Y-1

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	2.4776G	103.22	Inf	-Inf	71.26	3	Vertical	79	1.80	-	27.88	4.08	-				
AV	2.478G	101.14	Inf	-Inf	69.18	3	Vertical	79	1.80	-	27.88	4.08	-				
PK	2.4836G	68.19	74.00	-5.81	36.17	3	Vertical	79	1.80	-	27.94	4.08	-				
AV	2.4835G	52.79	54.00	-1.21	20.78	3	Vertical	79	1.80	-	27.93	4.08	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2478MHz_TX

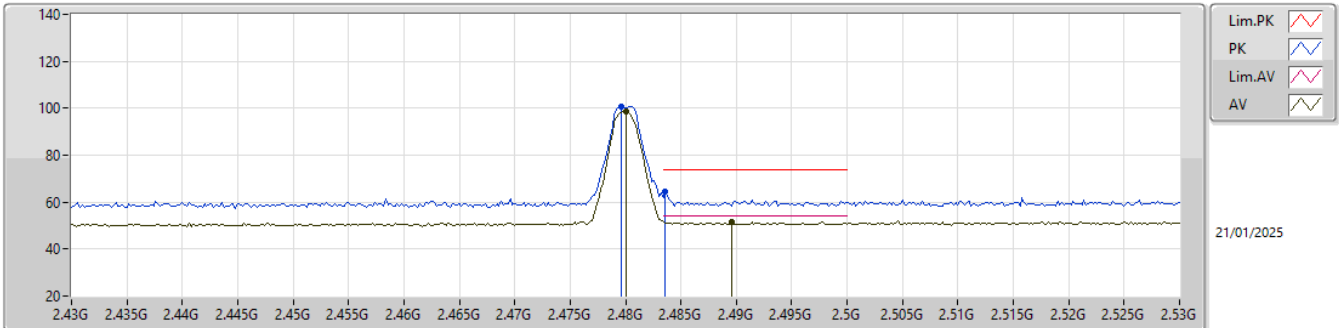


EUT X_1TX
Setting 5
05-L-Y-1

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	2.4774G	95.79	Inf	-Inf	63.84	3	Horizontal	236	2.86	-	27.87	4.08	-			
AV	2.478G	93.71	Inf	-Inf	61.75	3	Horizontal	236	2.86	-	27.88	4.08	-			
PK	2.4976G	61.55	74.00	-12.45	29.45	3	Horizontal	236	2.86	-	28.00	4.10	-			
AV	2.4998G	51.56	54.00	-2.44	19.46	3	Horizontal	236	2.86	-	28.00	4.10	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

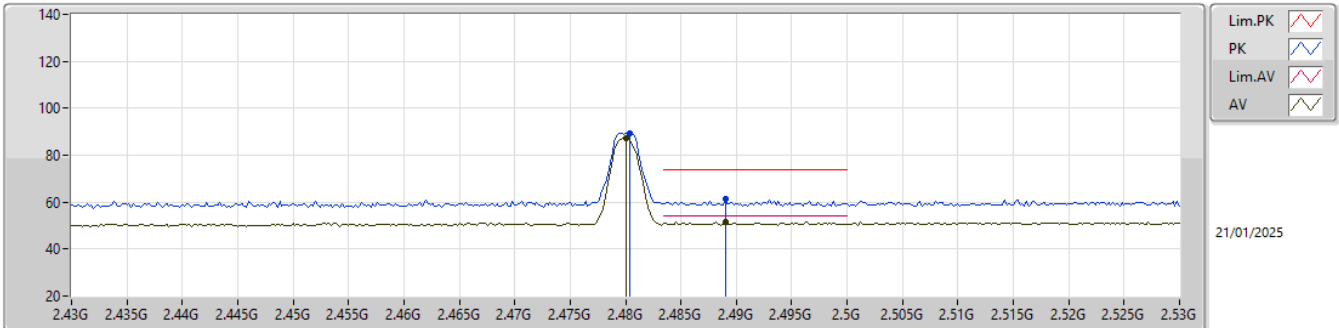


EUT_X_1TX
Setting 1.5
05-L-Y-1

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	2.4796G	100.54	Inf	-Inf	68.56	3	Vertical	84	1.04	-	27.90	4.08	-			
AV	2.48G	98.45	Inf	-Inf	66.47	3	Vertical	84	1.04	-	27.90	4.08	-			
PK	2.4836G	64.45	74.00	-9.55	32.43	3	Vertical	84	1.04	-	27.94	4.08	-			
AV	2.4896G	51.73	54.00	-2.27	19.64	3	Vertical	84	1.04	-	28.00	4.09	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

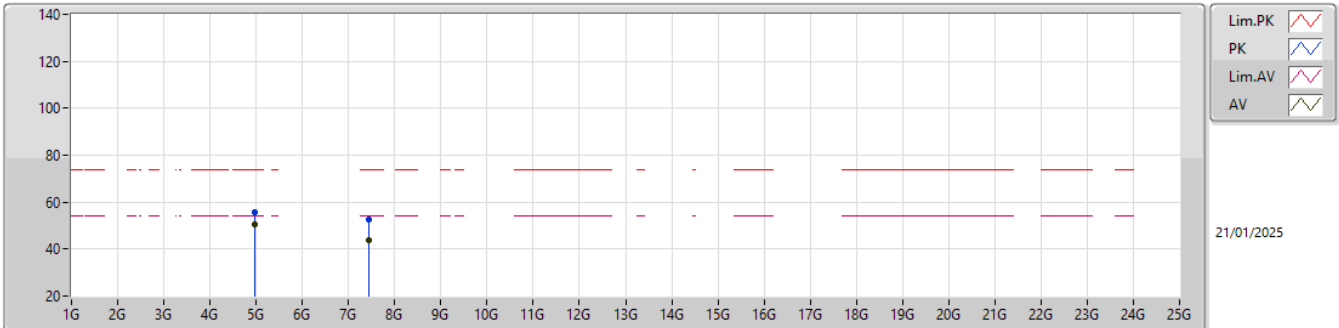


EUT_X_1TX
Setting 1.5
05-L-Y-1

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	2.4804G	89.33	Inf	-Inf	57.35	3	Horizontal	300	1.35	-	27.90	4.08	-				
AV	2.48G	87.11	Inf	-Inf	55.13	3	Horizontal	300	1.35	-	27.90	4.08	-				
PK	2.489G	61.22	74.00	-12.78	29.14	3	Horizontal	300	1.35	-	27.99	4.09	-				
AV	2.489G	51.72	54.00	-2.28	19.64	3	Horizontal	300	1.35	-	27.99	4.09	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

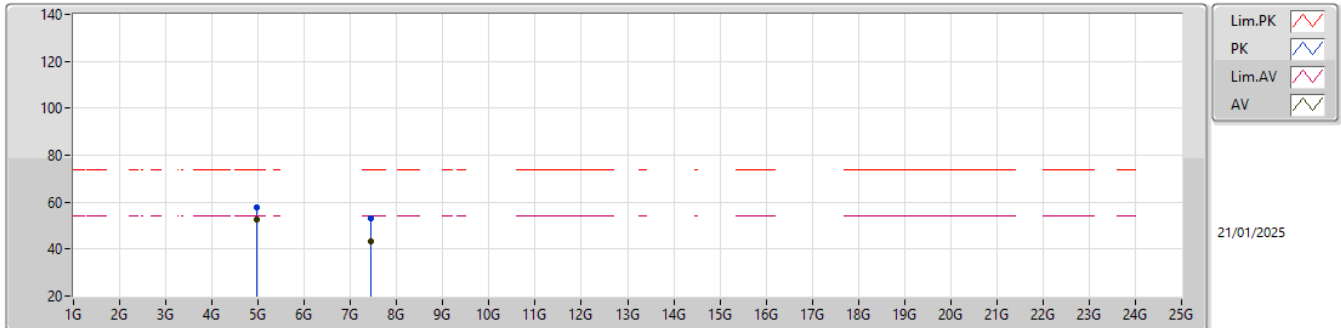


EUT_Y_1TX
Setting 9
05-L-Y-1

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	4.96106G	55.86	74.00	-18.14	50.25	3	Vertical	276	2.26	-	33.22	7.96	35.57				
AV	4.95896G	50.70	54.00	-3.30	45.09	3	Vertical	276	2.26	-	33.22	7.96	35.57				
PK	7.44187G	52.63	74.00	-21.37	41.16	3	Vertical	33	1.27	-	36.52	9.49	34.54				
AV	7.4412G	43.62	54.00	-10.38	32.15	3	Vertical	33	1.27	-	36.52	9.49	34.54				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 9
05-L-Y-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	4.95996G	57.63	74.00	-16.37	52.02	3	Horizontal	224	2.28	-	33.22	7.96	35.57				
AV	4.95898G	52.63	54.00	-1.37	47.02	3	Horizontal	224	2.28	-	33.22	7.96	35.57				
PK	7.43841G	52.87	74.00	-21.13	41.40	3	Horizontal	56	1.73	-	36.52	9.49	34.54				
AV	7.4383G	43.34	54.00	-10.66	31.87	3	Horizontal	56	1.73	-	36.52	9.49	34.54				