



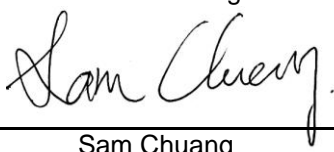
FCC Radio Test Report

FCC ID: 2BFPW-DT201A

This report concerns: Original Grant

Report No. : eLab-FCCP-2-2401X002
Equipment : Creo Compact Hand Held Combo Bar-code/RFID Scanner
Model Name : FHR-004, FXR-XXX(x=0~9,A~Z,a~z,"-" or blank ,for marketing use only,
with no impact on RADIO compliance of the product)
Brand Name :  **Diamond**
Technologies
Getting data where it needs to be.
Applicant : Diamond Technologies Inc.
Address : 43 Broad Street, Unit C103 Hudson, MA 01749 United States
Radio Function : RFID (125 kHz)
FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.209)
Measurement : ANSI C63.10-2013
Procedure(s)
Date of Receipt : 2024/1/9
Date of Test : 2024/2/21 ~ 2024/3/1
Issued Date : 2024/5/20

The above equipment has been tested and found in compliance with the requirement of the above standards by eLab Inc.

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

CONTENTS

REVISION HISTORY	4
1 SUMMARY OF TEST RESULTS	5
1.1 TEST FACILITY	6
1.2 MEASUREMENT UNCERTAINTY	6
1.3 TEST ENVIRONMENT CONDITIONS	6
2 GENERAL INFORMATION	7
2.1 DESCRIPTION OF EUT	7
2.2 TEST MODES	8
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	9
2.4 SUPPORT UNITS	10
3 AC POWER LINE CONDUCTED EMISSIONS TEST	11
3.1 LIMIT	11
3.2 TEST PROCEDURE	11
3.3 DEVIATION FROM TEST STANDARD	12
3.4 TEST SETUP	12
3.5 TEST RESULT	12
4 RADIATED EMISSIONS TEST	13
4.1 LIMIT	13
4.2 TEST PROCEDURE	13
4.3 DEVIATION FROM TEST STANDARD	14
4.4 TEST SETUP	14
4.5 EUT OPERATING CONDITIONS	15
4.6 TEST RESULT – 9 KHZ TO 30 MHZ	15
4.7 TEST RESULT – 30 MHZ TO 1 GHZ	15
5 20 DB BANDWIDTH	16
5.1 LIMIT	16
5.2 TEST PROCEDURE	16
5.3 DEVIATION FROM TEST STANDARD	16
5.4 TEST SETUP	16
5.5 EUT OPERATING CONDITIONS	16
5.6 TEST RESULT	16
6 LIST OF MEASURING EQUIPMENTS	17
7 EUT TEST PHOTO	18
8 EUT PHOTOS	18
APPENDIX A AC POWER LINE CONDUCTED EMISSIONS	19
APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ	24
APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ	27
APPENDIX D 20 DB BANDWIDTH	30

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
eLab-FCCP-2-2401X002	R00	Original Report.	2024/5/20	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.209	Radiated Emissions	APPENDIX B APPENDIX C	Pass	-----
15.215(c)	20 dB Bandwidth	APPENDIX D	Pass	-----

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

No.64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

The test sites and facilities are covered under FCC RN: 681248 and DN: TW4045.

☒ C01 ☒ CB01 ☒ TR01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %.

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The eLab measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

A. AC Power Line Conducted Emissions test:

Test Site	Method	Measurement Frequency Range	$U, (\text{dB})$
C01	CISPR	150 kHz ~ 30MHz	1.2249

B. Radiated emissions test :

Test Site	Measurement Frequency Range	$U, (\text{dB})$
CB01	0.03 GHz ~ 0.2 GHz	2.08
	0.2 GHz ~ 1 GHz	2.36
	1 GHz ~ 6 GHz	2.60
	6 GHz ~ 18 GHz	2.75
	18 GHz ~ 26 GHz	1.85
	26 GHz ~ 40 GHz	2.12

C. Conducted test:

Test Item	$U, (\text{dB})$
Occupied Bandwidth	0.2670

NOTE:


Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	Refer to data	DC 5V	Hunter Chiang
Radiated emissions (9KHz TO 30MHz)	Refer to data	AC 120V/60Hz	Hunter Chiang
Radiated emissions (30MHz TO 1000MHz)	Refer to data	AC 120V/60Hz	Hunter Chiang
20 dB Bandwidth	23°C, 55%	AC 120V/60Hz	Cheng Tsai

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Creo Compact Hand Held Combo Bar-code/Rfid Scanner
Model Name	FHR-004, FXR-XXX(x=0~9,A~Z,a~z,"-" or blank ,for marketing use only, with no impact on RADIO compliance of the product)
Brand Name	 Diamond Technologies <small>Getting data where it needs to be.</small>
Model Difference	Differ in marketing purpose and case color.
Power Supply	5VDC form USB Port, 200mA / 3.3VDC for Digital I/O Level
Frequency Range	125 kHz
Modulation Technology	ASK
Test Model	FHR-004
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

Channel	Frequency (kHz)
-	125

(3) Table for Filed Antenna:

Ant.	Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	N/A

(4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

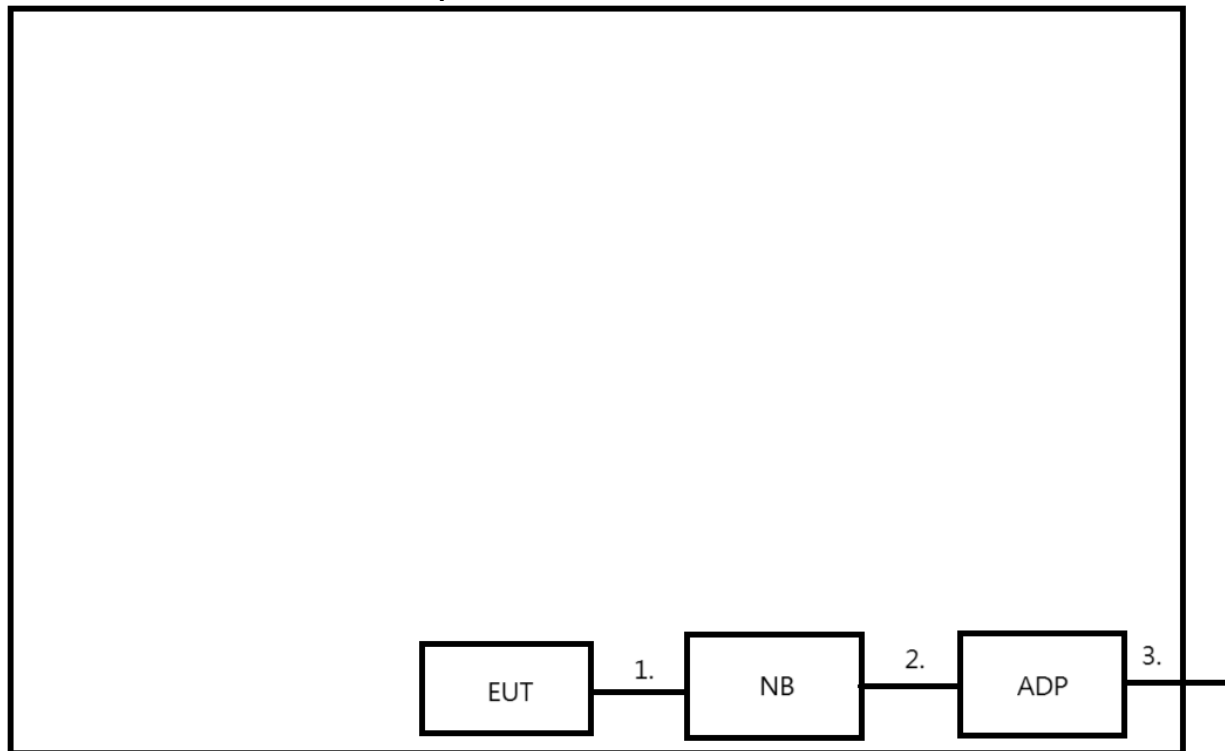
2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Radiated emissions (9KHz TO 30MHz)	TX	-	-
Radiated emissions (30MHz TO 1000MHz)	TX	-	-
20 dB Bandwidth	TX	-	-

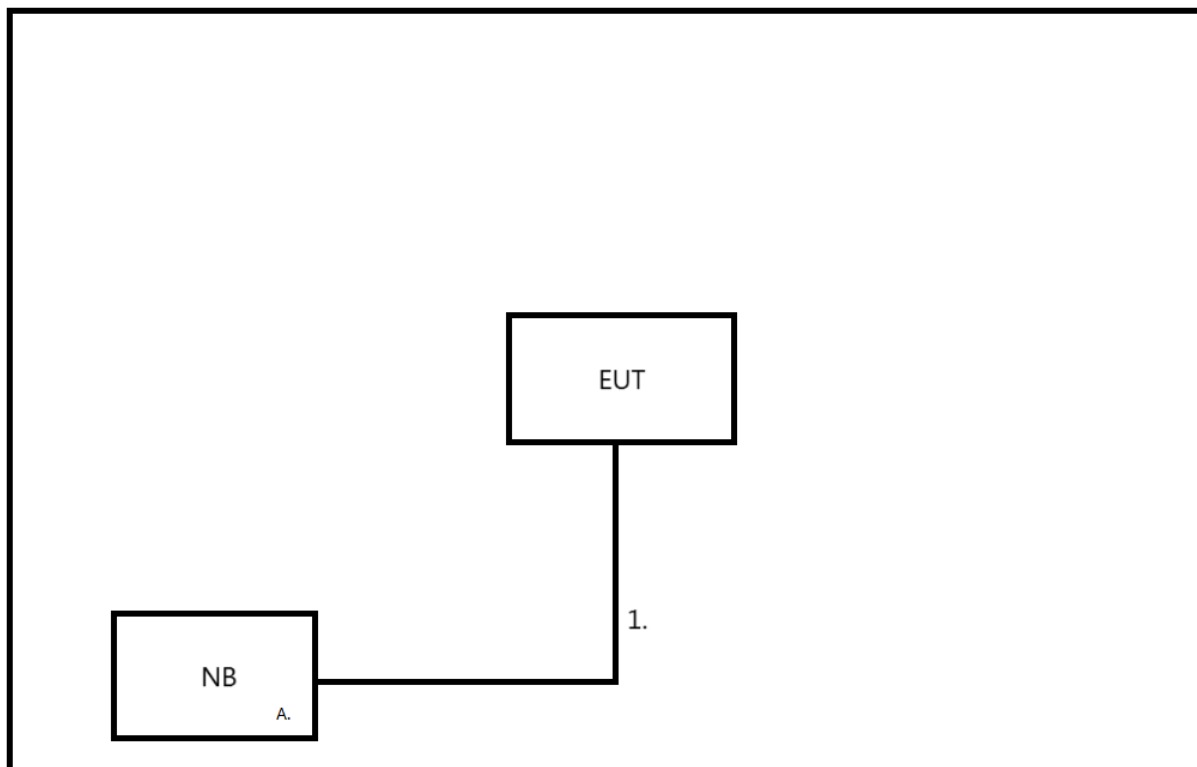
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC power line conducted emissions



Radiated emissions



2.4 SUPPORT UNITS

AC power line conducted emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	Lenovo	ThinkBook 14 G4 IAP	N/A	Furnished by test lab.
B	ADP	Lenovo	ADLX65YCC3D	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	NO	NO	2m	RJ45 to USB Cable	Supplied by test requester.
2	NO	NO	1.5m	Power Cable	Furnished by test lab.
3	NO	NO	1m	Power Cable	Furnished by test lab.

Radiated emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	Lenovo	ThinkBook 14 G4 IAP	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	NO	NO	2m	RJ45 to USB Cable	Supplied by test requester.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level (dBμV)		Correct Factor (dB)		Measurement Value (dBμV)
38.22	+	3.45	=	41.67

Measurement Value (dBμV)		Limit Value (dBμV)		Margin Level (dB)
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item - EUT TEST PHOTO.

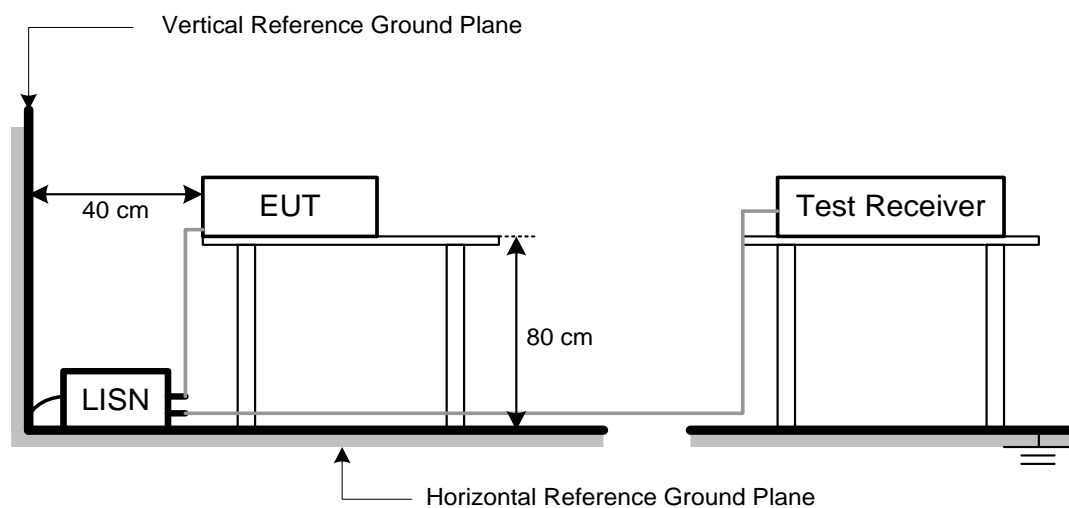
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT(9 kHz-1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

- (1) The limit for radiated test was performed according to FCC Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBuV)		Correct Factor (dB/m)		Measurement Value (dBuV/m)
19.11	+	2.11	=	21.22

Measurement Value (dBuV/m)		Limit Value (dBuV/m)		Margin Level (dB)
21.22	-	40	=	-18.78

4.2 TEST PROCEDURE

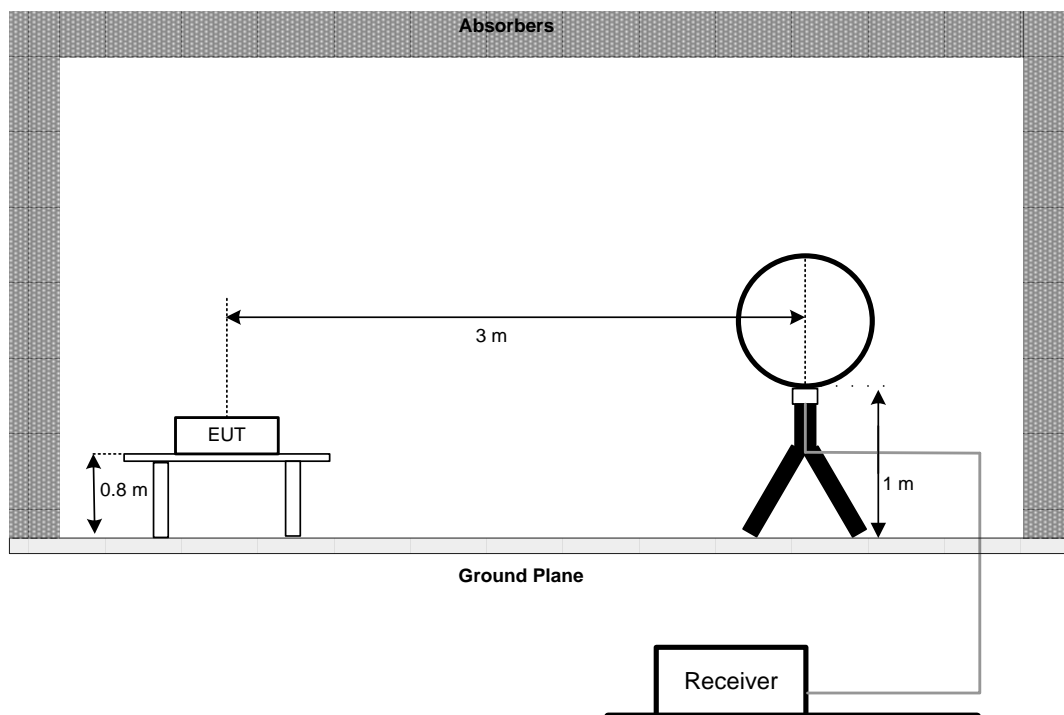
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

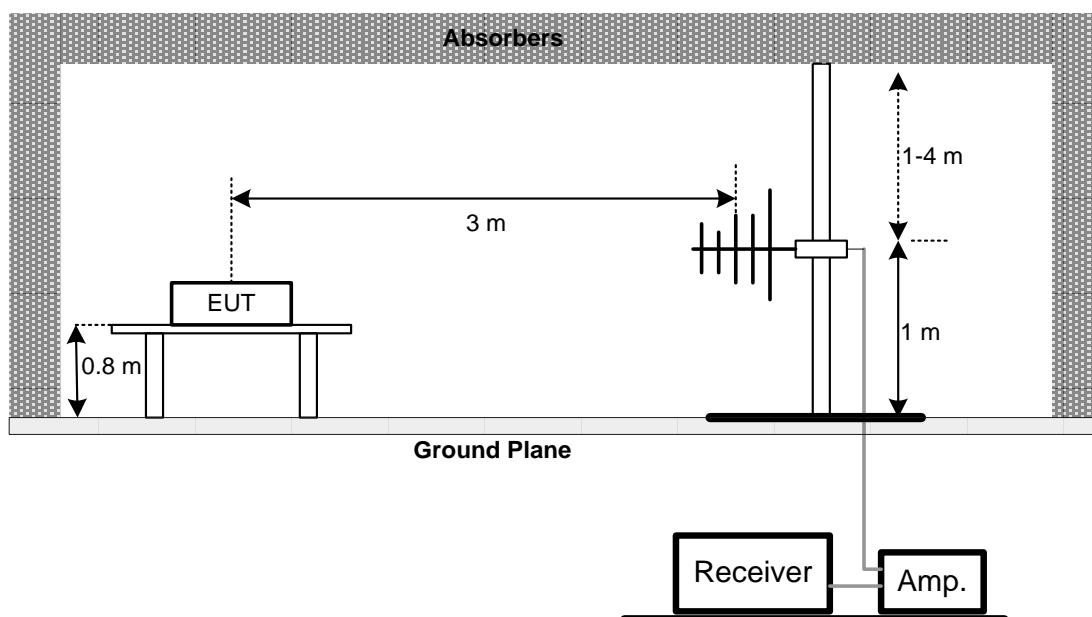
No deviation.

4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

NOTE:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5 20 DB BANDWIDTH

5.1 LIMIT

N/A

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 1 kHz, VBW=3 kHz, Sweep time = 20 ms.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2023/7/21	2024/7/20
2	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
3	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2023/12/11	2024/12/10

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Pre-Amplifier	EMCI	EMC001330-202 01222	980807	2023/12/11	2024/12/10
2	Pre-Amplifier	EMCI	EMC001340	980555	2023/12/1	2024/11/30
3	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
4	Loop Ant.	Electro-Metrics	EMCI-LPA600	274	2023/6/28	2024/6/27
5	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
6	6dB Attenuator	EMCI	EMCI-N-6-05	N/A	2023/12/18	2024/12/17
7	Test Cable	EMCI	EMC-8D-NM-NM -5000	150106	2023/12/11	2024/12/10
8	Test Cable	EMCI	EMC-CFD-400-N M-NM-8000	200348	2023/12/11	2024/12/10
9	Test Cable	EMCI	EMC-CFD-400-N M-NM-3300	200343	2023/12/11	2024/12/10

20 dB Bandwidth Measurement						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

7 EUT TEST PHOTO

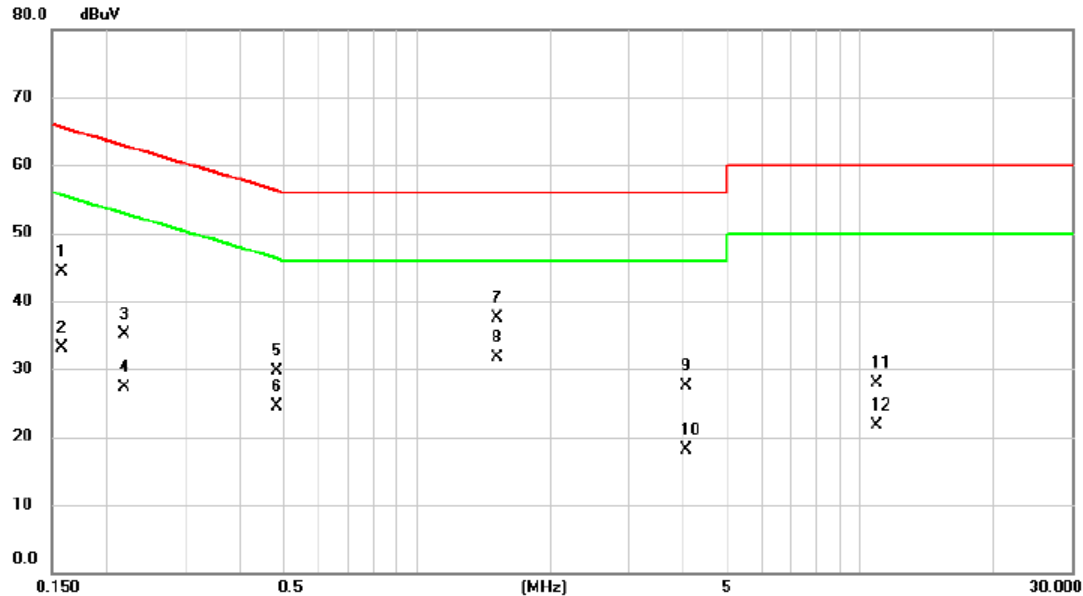
Please refer to document Appendix No.: TP-2401X002-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2401X002-2 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/3/1
Test Frequency	-	Phase	Line
Temp.	25°C	Hum.	45%

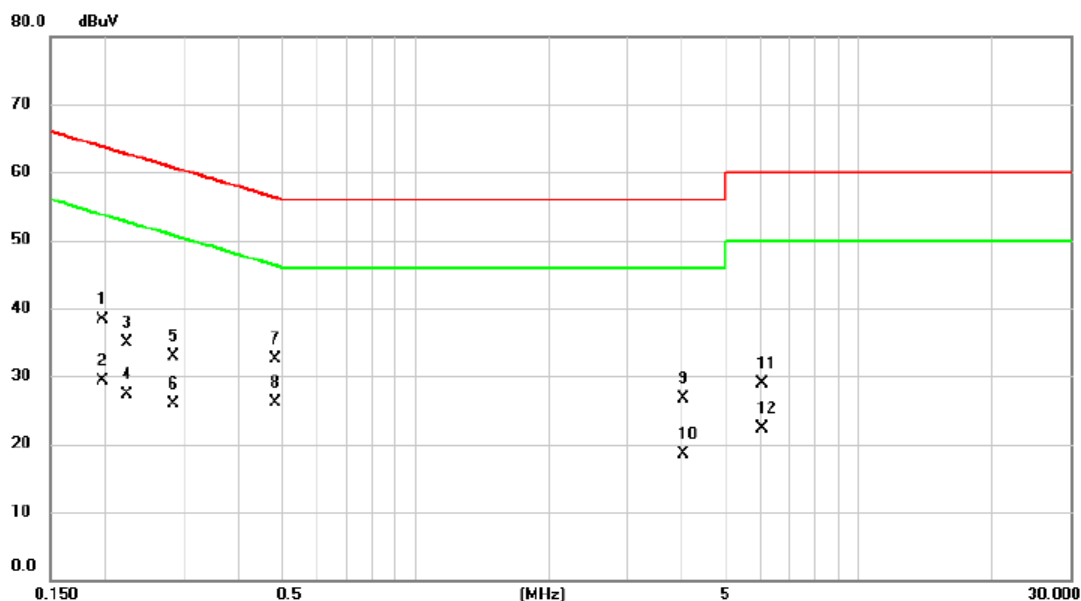


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1584	34.71	9.67	44.38	65.55	-21.17	QP	
2		0.1584	23.45	9.67	33.12	55.55	-22.43	AVG	
3		0.2186	25.45	9.67	35.12	62.87	-27.75	QP	
4		0.2186	17.59	9.67	27.26	52.87	-25.61	AVG	
5		0.4840	20.07	9.69	29.76	56.27	-26.51	QP	
6		0.4840	14.81	9.69	24.50	46.27	-21.77	AVG	
7		1.5215	27.69	9.75	37.44	56.00	-18.56	QP	
8	*	1.5215	22.05	9.75	31.80	46.00	-14.20	AVG	
9		4.0370	17.61	9.88	27.49	56.00	-28.51	QP	
10		4.0370	8.28	9.88	18.16	46.00	-27.84	AVG	
11		10.8500	17.87	10.07	27.94	60.00	-32.06	QP	
12		10.8500	11.55	10.07	21.62	50.00	-28.38	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	Normal	Tested Date	2024/3/1
Test Frequency	-	Phase	Neutral
Temp.	25°C	Hum.	45%

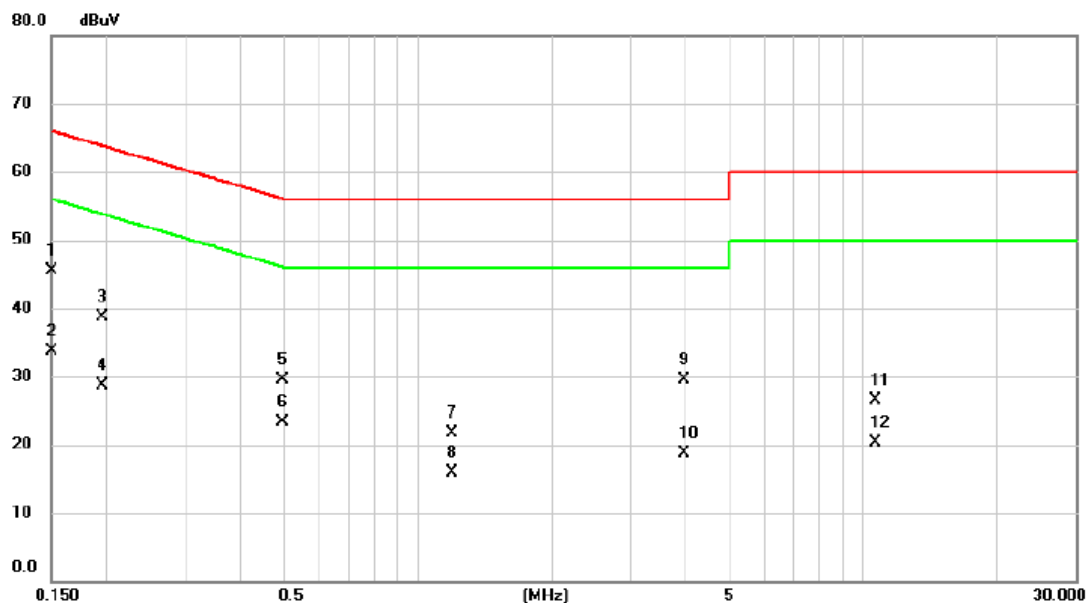


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1972	28.74	9.66	38.40	63.73	-25.33	QP	
2		0.1972	19.57	9.66	29.23	53.73	-24.50	AVG	
3		0.2242	25.24	9.66	34.90	62.66	-27.76	QP	
4		0.2242	17.58	9.66	27.24	52.66	-25.42	AVG	
5		0.2844	23.24	9.65	32.89	60.69	-27.80	QP	
6		0.2844	16.22	9.65	25.87	50.69	-24.82	AVG	
7		0.4815	22.74	9.69	32.43	56.31	-23.88	QP	
8	*	0.4815	16.33	9.69	26.02	46.31	-20.29	AVG	
9		4.0190	16.82	9.88	26.70	56.00	-29.30	QP	
10		4.0190	8.72	9.88	18.60	46.00	-27.40	AVG	
11		6.0500	19.00	9.94	28.94	60.00	-31.06	QP	
12		6.0500	12.36	9.94	22.30	50.00	-27.70	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	Idle	Tested Date	2024/3/1
Test Frequency	-	Phase	Line
Temp.	25°C	Hum.	45%

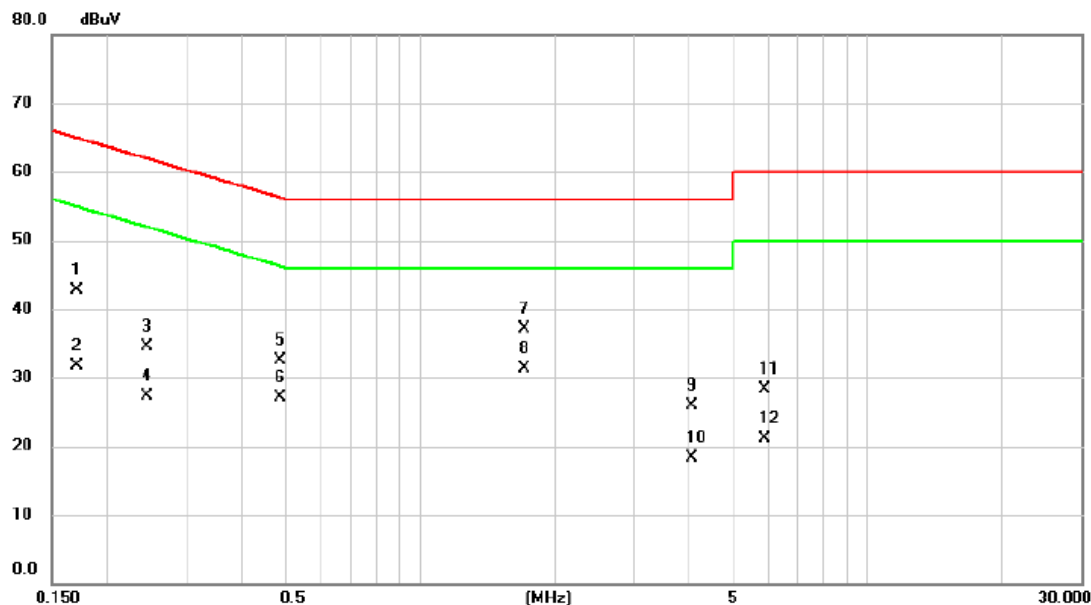


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1510	35.89	9.67	45.56	65.94	-20.38	QP	
2		0.1510	24.11	9.67	33.78	55.94	-22.16	AVG	
3		0.1951	29.01	9.67	38.68	63.82	-25.14	QP	
4		0.1951	19.05	9.67	28.72	53.82	-25.10	AVG	
5		0.4970	19.73	9.69	29.42	56.05	-26.63	QP	
6		0.4970	13.61	9.69	23.30	46.05	-22.75	AVG	
7		1.1930	11.91	9.74	21.65	56.00	-34.35	QP	
8		1.1930	6.07	9.74	15.81	46.00	-30.19	AVG	
9		3.9605	19.72	9.87	29.59	56.00	-26.41	QP	
10		3.9605	8.87	9.87	18.74	46.00	-27.26	AVG	
11		10.6250	16.34	10.07	26.41	60.00	-33.59	QP	
12		10.6250	10.27	10.07	20.34	50.00	-29.66	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Idle	Tested Date	2024/3/1
Test Frequency	-	Phase	Neutral
Temp.	25°C	Hum.	45%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1706	33.00	9.67	42.67	64.93	-22.26	QP	
2		0.1706	22.04	9.67	31.71	54.93	-23.22	AVG	
3		0.2448	24.87	9.66	34.53	61.93	-27.40	QP	
4		0.2448	17.61	9.66	27.27	51.93	-24.66	AVG	
5		0.4857	22.75	9.69	32.44	56.24	-23.80	QP	
6		0.4857	17.32	9.69	27.01	46.24	-19.23	AVG	
7		1.7150	27.25	9.78	37.03	56.00	-18.97	QP	
8	*	1.7150	21.58	9.78	31.36	46.00	-14.64	AVG	
9		4.0370	16.01	9.88	25.89	56.00	-30.11	QP	
10		4.0370	8.41	9.88	18.29	46.00	-27.71	AVG	
11		5.8750	18.46	9.93	28.39	60.00	-31.61	QP	
12		5.8750	11.23	9.93	21.16	50.00	-28.84	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	TX	Test Date	2024/2/16
Test Frequency	125kHz	Polarization	Horizontal
Temp.	25°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.1250	41.05	14.15	55.20	105.67	-50.47	peak		
2	*	1.6285	38.60	-2.59	36.01	63.37	-27.36	peak		
3		6.2771	29.67	-4.05	25.62	69.54	-43.92	peak		
4		10.0260	29.41	-4.13	25.28	69.54	-44.26	peak		
5		20.0430	30.09	-4.52	25.57	69.54	-43.97	peak		
6		27.7207	30.30	-6.01	24.29	69.54	-45.25	peak		

*:Maximum data x:Over limit !:over margin

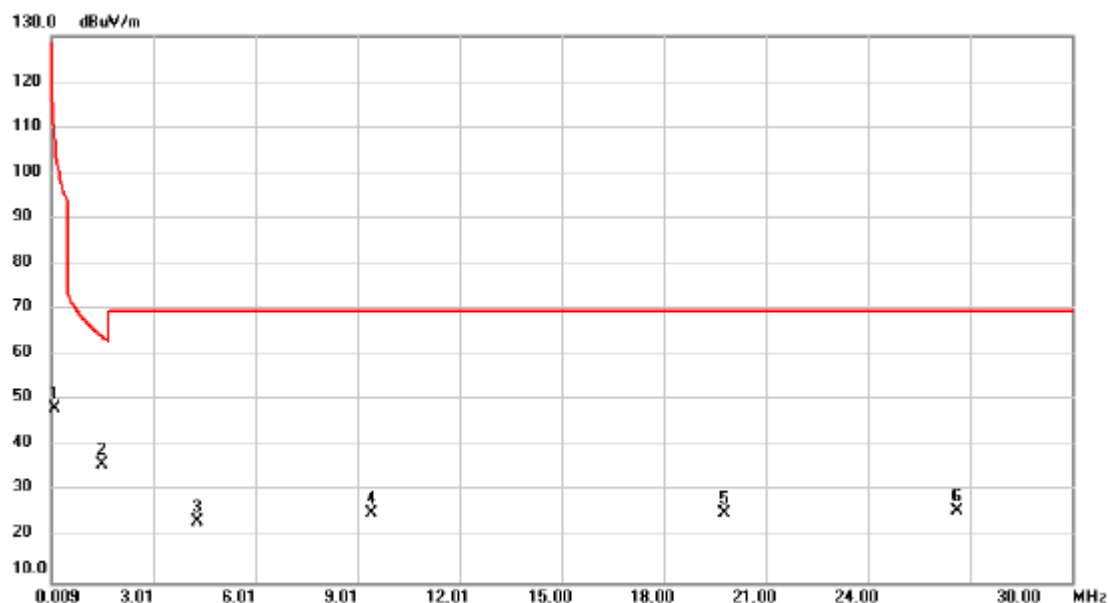
•For Report

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX	Test Date	2024/2/16
Test Frequency	125kHz	Polarization	Vertical
Temp.	25°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.1250	33.95	14.15	48.10	105.67	-57.57			peak
2	*	1.5086	38.17	-2.26	35.91	64.03	-28.12			peak
3		4.2977	28.91	-5.67	23.24	69.54	-46.30			peak
4		9.4262	29.37	-4.12	25.25	69.54	-44.29			peak
5		19.7731	29.63	-4.48	25.15	69.54	-44.39			peak
6		26.6410	32.31	-6.51	25.80	69.54	-43.74			peak

*:Maximum data x:Over limit !:over margin

•For Report

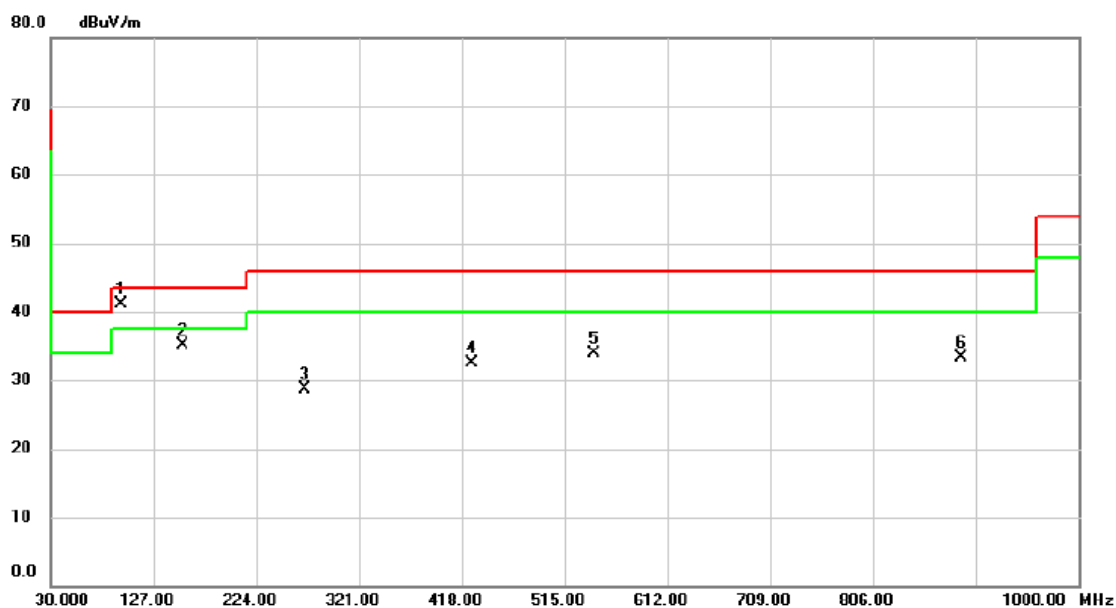
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	TX	Test Date	2024/1/11
Test Frequency	125kHz	Polarization	Horizontal
Temp.	25°C	Hum.	60%

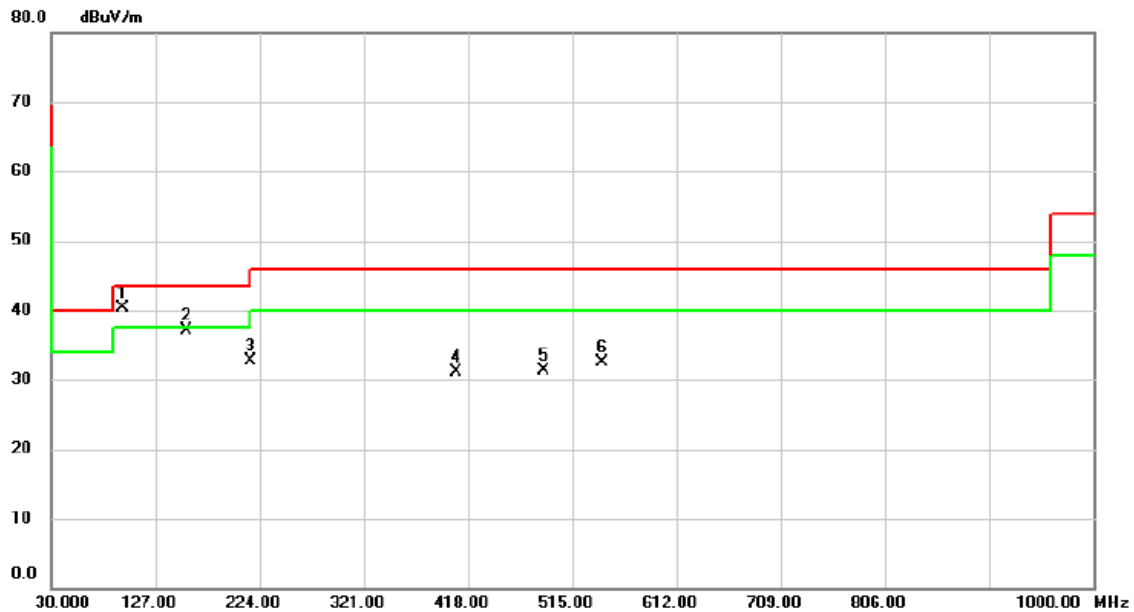


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	95.9600	57.74	-16.64	41.10	43.50	-2.40	peak	100	225
2		155.1300	46.23	-11.09	35.14	43.50	-8.36	peak	100	162
3		269.5900	40.06	-11.30	28.76	46.00	-17.24	peak	100	117
4		427.7000	39.17	-6.66	32.51	46.00	-13.49	peak	112	360
5		542.1600	38.25	-4.38	33.87	46.00	-12.13	peak	100	278
6		889.4200	31.67	1.67	33.34	46.00	-12.66	peak	100	234

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX	Test Date	2024/1/11
Test Frequency	125kHz	Polarization	Vertical
Temp.	25°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	95.9600	56.99	-16.64	40.35	43.50	-3.15	peak	200	308
2		156.1000	48.16	-11.08	37.08	43.50	-6.42	peak	100	87
3		215.2700	46.90	-14.14	32.76	43.50	-10.74	peak	100	69
4		406.3600	38.42	-7.29	31.13	46.00	-14.87	peak		
5		487.8400	36.77	-5.43	31.34	46.00	-14.66	peak	200	219
6		542.1600	36.93	-4.38	32.55	46.00	-13.45	peak	100	142

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

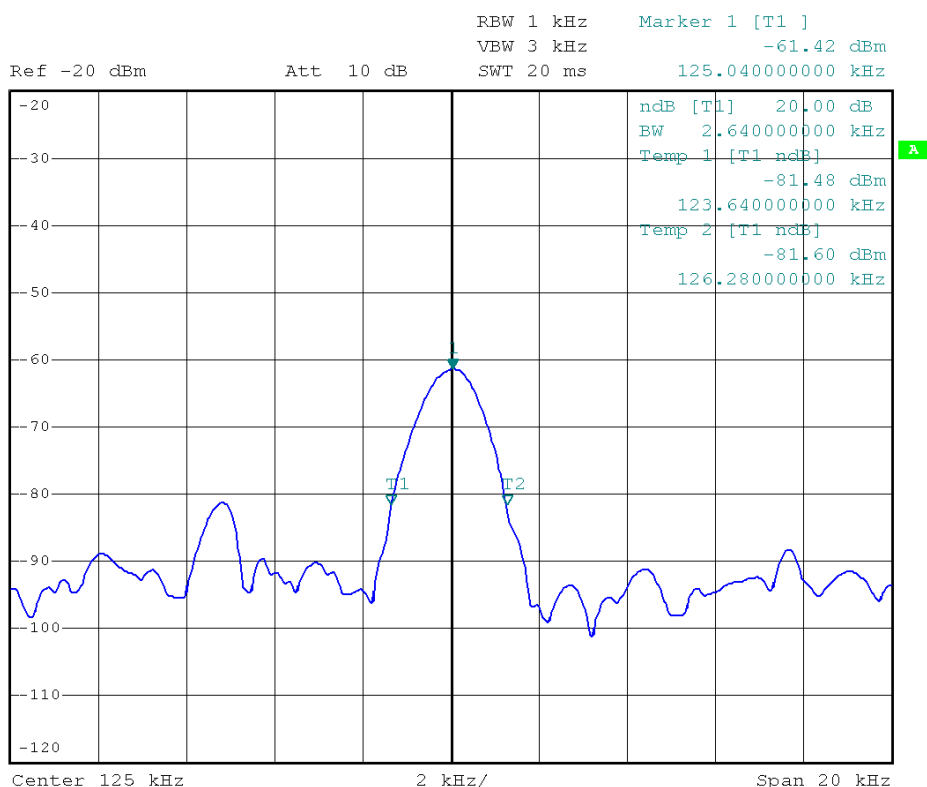
APPENDIX D 20 DB BANDWIDTH

Test Mode	TX
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Frequency (kHz)	20 dB Bandwidth (kHz)	Result
125	2.64	Complied



1 PK
VIEW



Date: 1.MAR.2024 19:37:36

End of Test Report