FCC Radio Test Report

FCC ID: GM8MCG100

Report No.	:	BTL-FCCP-1-2407T131
Equipment	:	Attract-Action Camera Grip
Model Name	:	MCG-100
Brand Name	:	ORtek
Applicant	:	ORtek Technology, Inc.
Address	:	13F-5, No. 150, Jian-Yi Rd., Zhonghe Dist., New Taipei City, Taiwan, R.O.C.
Radio Function	:	WPC-Qi (111 ~ 200 kHz)
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart C (15.209)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2024/8/2
Date of Test	:	2024/8/8 ~ 2024/8/12
Issued Date	:	2024/10/18

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL 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 assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2407T131	R00	Original Report.	2024/10/18	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	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	------

Statement of Conformity
The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C05 ☐ CB08 ☐ CB11 ☐ SR10 ☒ SR11

No. 68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☒ SR05

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C06 ☒ CB21 ☐ CB22

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **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 %**.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
SR05	CISPR	150 kHz ~ 30 MHz	3.44

B. Radiated emissions below 1 GHz test :

Test Site	Measurement Frequency Range	U (dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U (dB)
Bandwidth	1.13

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	25 °C, 46 %	AC 120V	Easton Tsai
Radiated emissions (9KHz TO 30MHz)	Refer to data	DC 3.7 V	Mark Wang
Radiated emissions (30MHz TO 1000MHz)	Refer to data	DC 3.7 V	Mark Wang
20 dB Bandwidth	24 °C, 43 %	DC 3.7 V	Easton Tsai

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Attract-Action Camera Grip
Model Name	MCG-100
Brand Name	ORtek
Model Difference	N/A
Power Source	Supplied from USB port and Battery.
Power Rating	I/P: 5Vdc/2A/10W WPC: 5W Battery: 3.7V 2600mAh
Products Covered	1 * Bluetooth Remote Control: ORtek Technology, Inc. / BRC-10 1 * Type-C to USB Cable
Frequency Range	119 kHz
Modulation Technology	ASK
Max H-field strength	90.30 dBuV/m
Test Model	MCG-100
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)
-	119

(3) Table for Filed Antenna:

Ant.	Brand	Model	Type	Connector	Gain (dBi)
1	SIQORE	20.5*38.5-6.3H-0.08*70P-20mm-41.5	Coil	N/A	N/A

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.

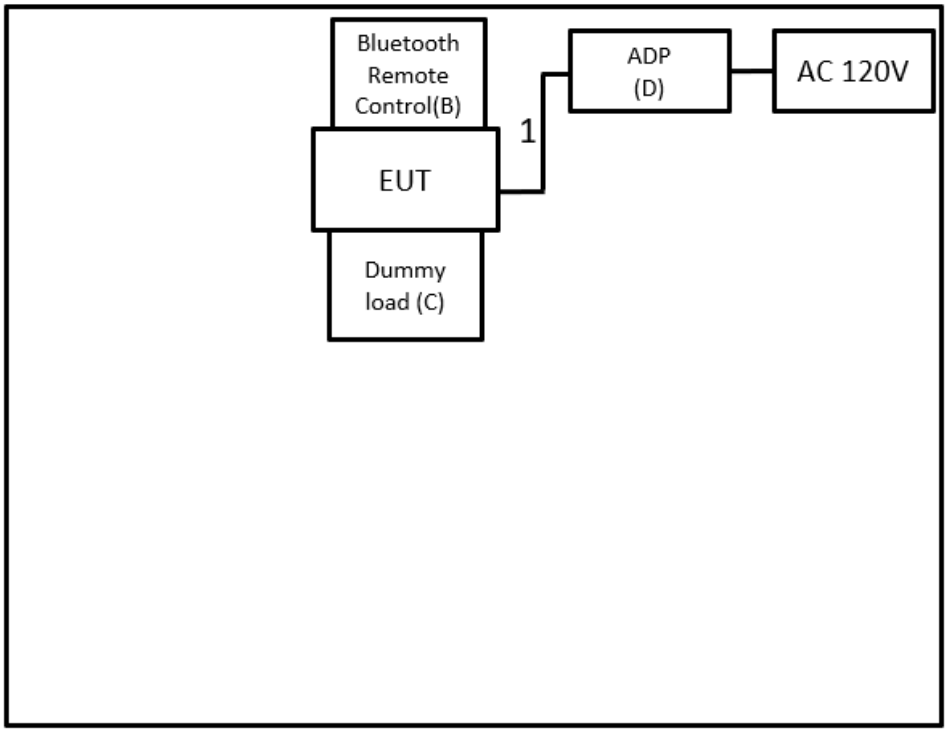
2.2 TEST MODES

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

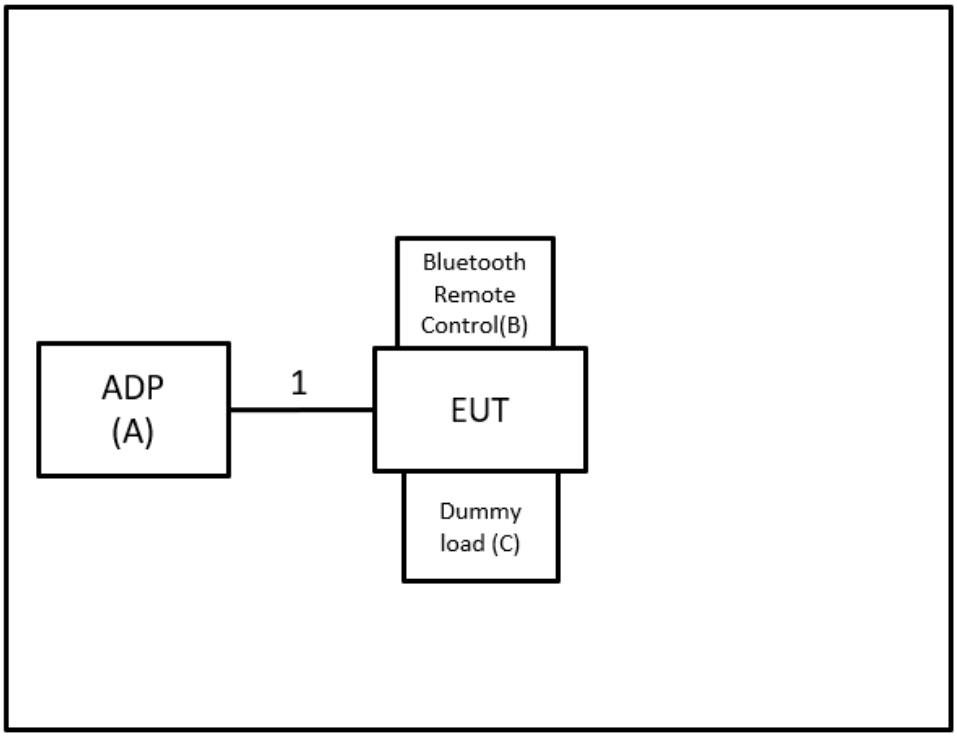
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	XIAOMI	AD652G	N/A	Furnished by test lab.
B	Bluetooth Remote Control	ORtek	BRC-10	N/A	Supplied by test requester.
C	Dummy load	YBZ	Wireless Charging Tester	N/A	Furnished by test lab.
D	ADP	SAMSUNG	EP-TA 20 JWS	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	NO	NO	0.5m	Type-C to USB	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

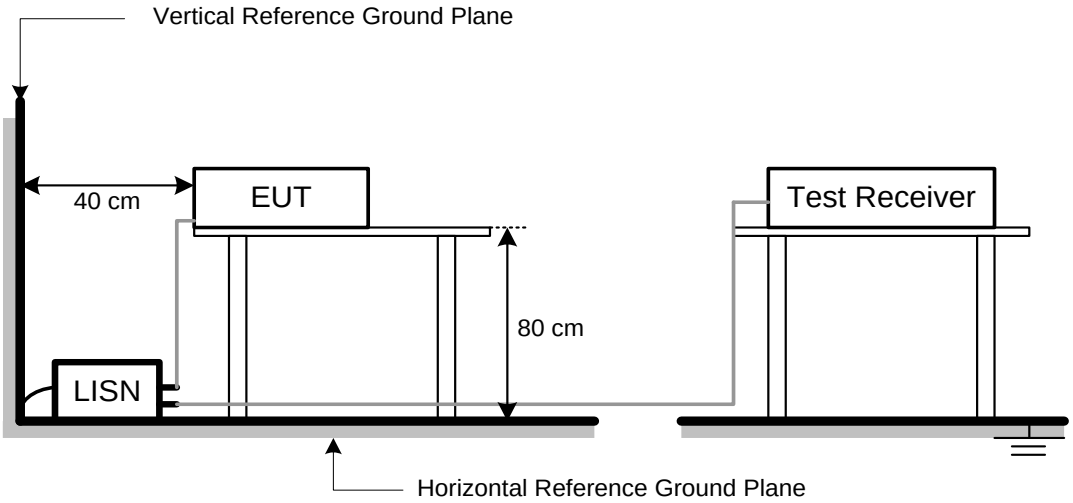
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
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 (dBμV)		Correct Factor (dB/m)		Measurement Value (dBμV/m)
19.11	+	2.11	=	21.22

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

4.2 TEST PROCEDURE

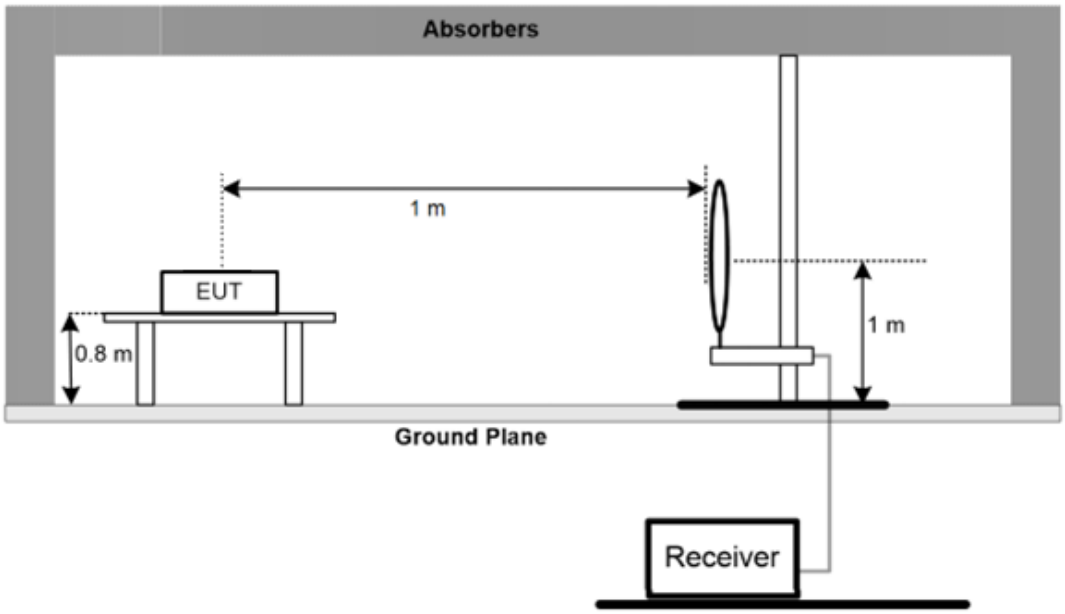
a. The measuring distance of 1 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 30MHz)
b. The measuring distance 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)
c. 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.
d. 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).
e. 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.
f. 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)
g. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

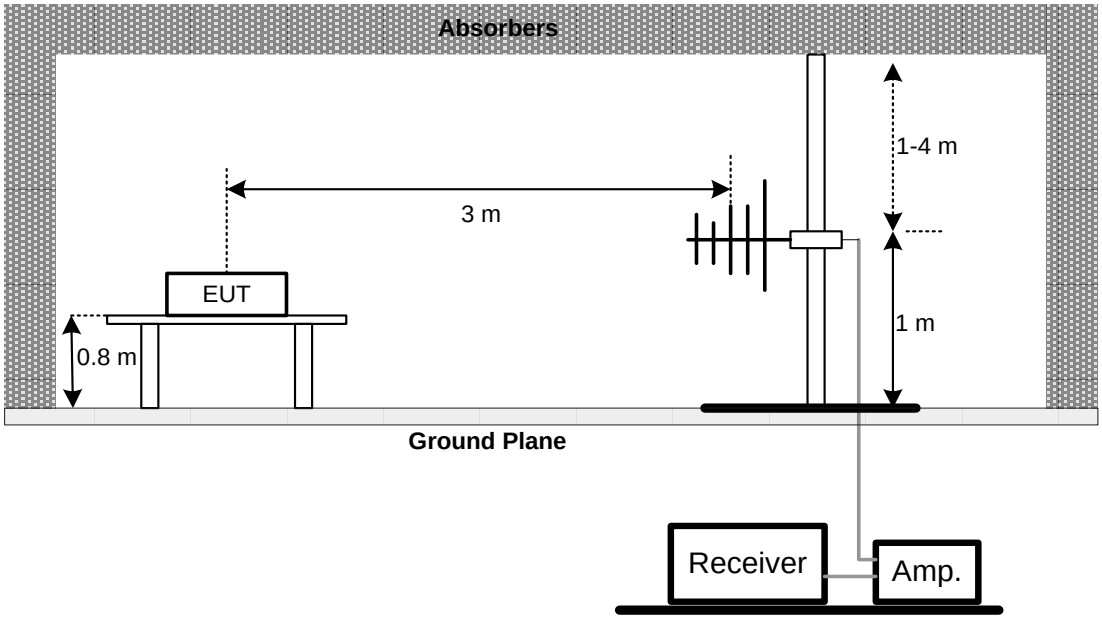
No deviation.

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

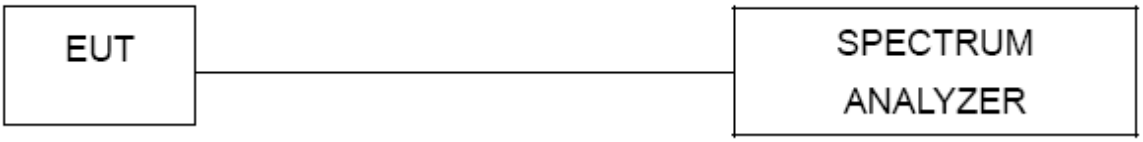
5.2 TEST PROCEDURE

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=1 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	101497	2024/5/20	2025/5/19
2	Test Cable	EMCI	EMC400-BM-BM-5000	170501	2024/7/31	2025/7/30
3	EMI Test Receiver	R&S	ESR3	102950	2024/4/12	2025/4/11
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC001340	980579	2023/9/6	2024/9/5
3	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/7
4	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/7
5	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/7
6	EXA Signal Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
7	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2023/9/12	2024/9/11
8	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2024/6/14	2025/6/13
9	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2024/6/14	2025/6/13
10	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

20 dB Bandwidth Measurement						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2024/3/8	2025/3/7
2	Thermal Chamber	HOLINK	H-TH-2SP-B	EK04101902	2024/6/28	2025/6/27

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

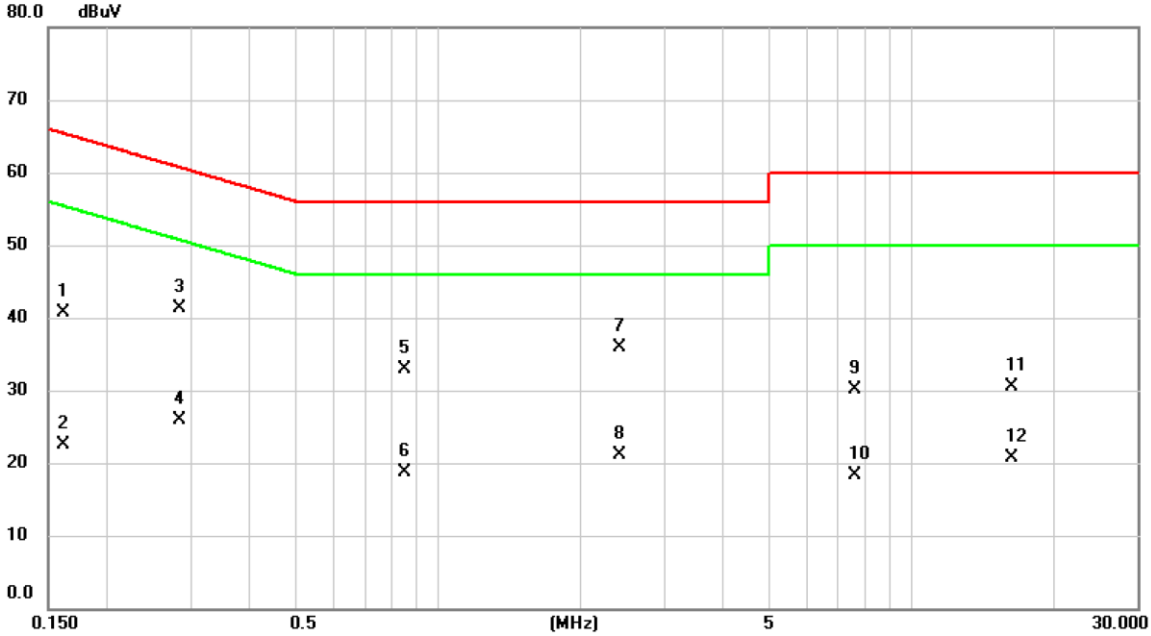
Please refer to document Appendix No.: TP-2407T131-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2407T131-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

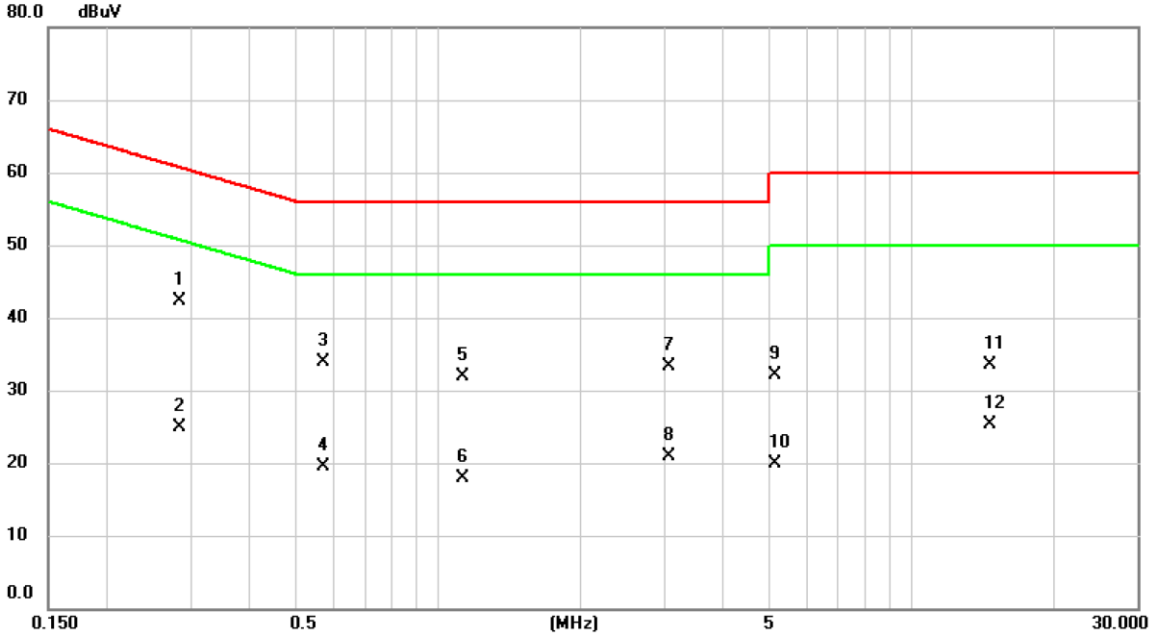
Test Mode	Normal	Tested Date	2024/8/12
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1613	31.11	9.59	40.70	65.40	-24.70	QP	
2		0.1613	12.98	9.59	22.57	55.40	-32.83	AVG	
3	*	0.2850	31.79	9.58	41.37	60.67	-19.30	QP	
4		0.2850	16.26	9.58	25.84	50.67	-24.83	AVG	
5		0.8497	23.30	9.61	32.91	56.00	-23.09	QP	
6		0.8497	9.12	9.61	18.73	46.00	-27.27	AVG	
7		2.4180	26.16	9.65	35.81	56.00	-20.19	QP	
8		2.4180	11.37	9.65	21.02	46.00	-24.98	AVG	
9		7.5818	20.23	9.80	30.03	60.00	-29.97	QP	
10		7.5818	8.46	9.80	18.26	50.00	-31.74	AVG	
11		16.2690	20.41	10.09	30.50	60.00	-29.50	QP	
12		16.2690	10.55	10.09	20.64	50.00	-29.36	AVG	

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

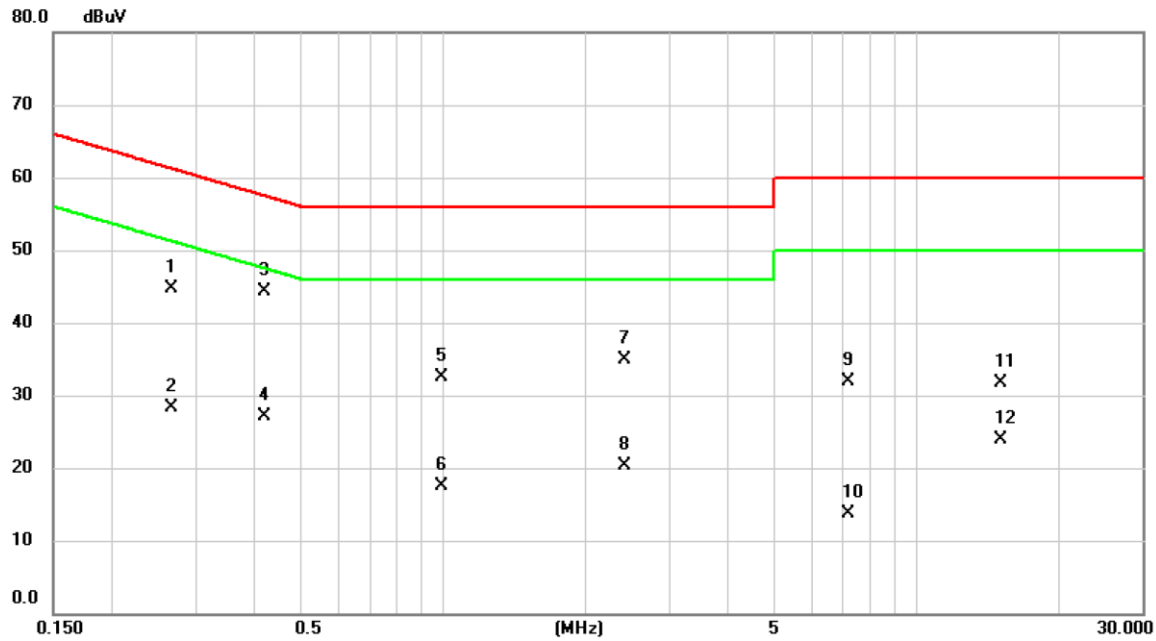
Test Mode	Normal	Tested Date	2024/8/12
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2850	32.63	9.58	42.21	60.67	-18.46	QP	
2		0.2850	15.26	9.58	24.84	50.67	-25.83	AVG	
3		0.5730	24.39	9.59	33.98	56.00	-22.02	QP	
4		0.5730	9.86	9.59	19.45	46.00	-26.55	AVG	
5		1.1265	22.18	9.63	31.81	56.00	-24.19	QP	
6		1.1265	8.24	9.63	17.87	46.00	-28.13	AVG	
7		3.0638	23.69	9.70	33.39	56.00	-22.61	QP	
8		3.0638	11.27	9.70	20.97	46.00	-25.03	AVG	
9		5.1585	22.36	9.81	32.17	60.00	-27.83	QP	
10		5.1585	10.03	9.81	19.84	50.00	-30.16	AVG	
11		14.6693	23.30	10.13	33.43	60.00	-26.57	QP	
12		14.6693	15.14	10.13	25.27	50.00	-24.73	AVG	

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

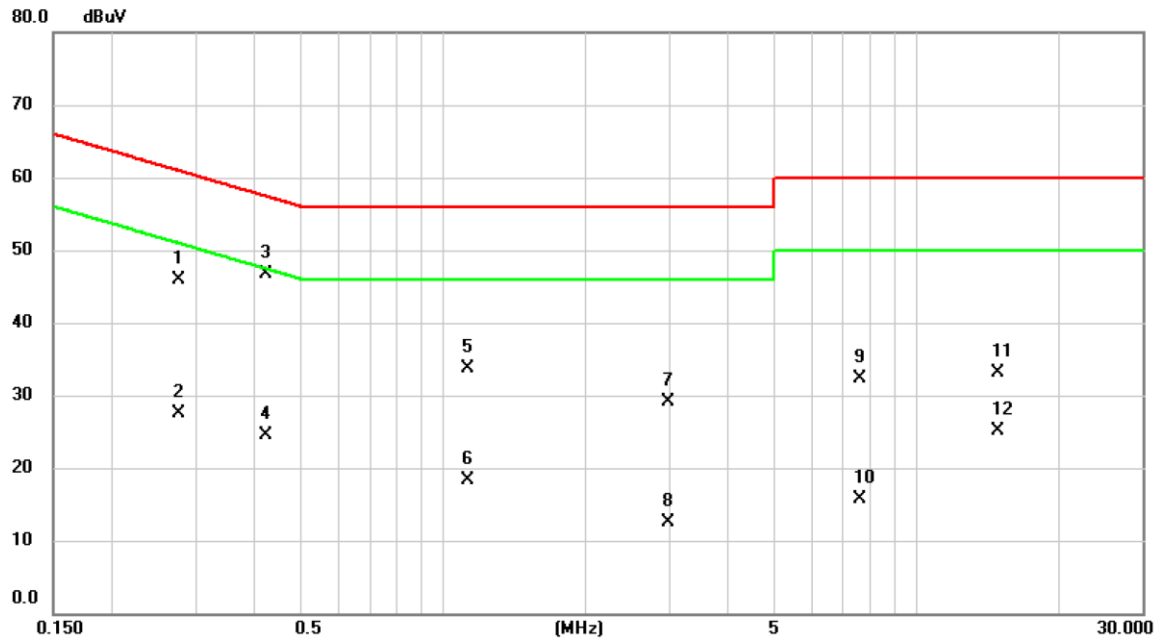
Test Mode	Idle	Tested Date	2024/8/12
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2670	35.12	9.59	44.71	61.21	-16.50	QP	
2		0.2670	18.77	9.59	28.36	51.21	-22.85	AVG	
3	*	0.4200	34.63	9.58	44.21	57.45	-13.24	QP	
4		0.4200	17.48	9.58	27.06	47.45	-20.39	AVG	
5		0.9960	22.98	9.62	32.60	56.00	-23.40	QP	
6		0.9960	7.95	9.62	17.57	46.00	-28.43	AVG	
7		2.4203	25.16	9.65	34.81	56.00	-21.19	QP	
8		2.4203	10.69	9.65	20.34	46.00	-25.66	AVG	
9		7.1723	22.14	9.80	31.94	60.00	-28.06	QP	
10		7.1723	3.98	9.80	13.78	50.00	-36.22	AVG	
11		15.0653	21.77	10.03	31.80	60.00	-28.20	QP	
12		15.0653	13.90	10.03	23.93	50.00	-26.07	AVG	

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

Test Mode	Idle	Tested Date	2024/8/12
Test Frequency	-	Phase	Neutral

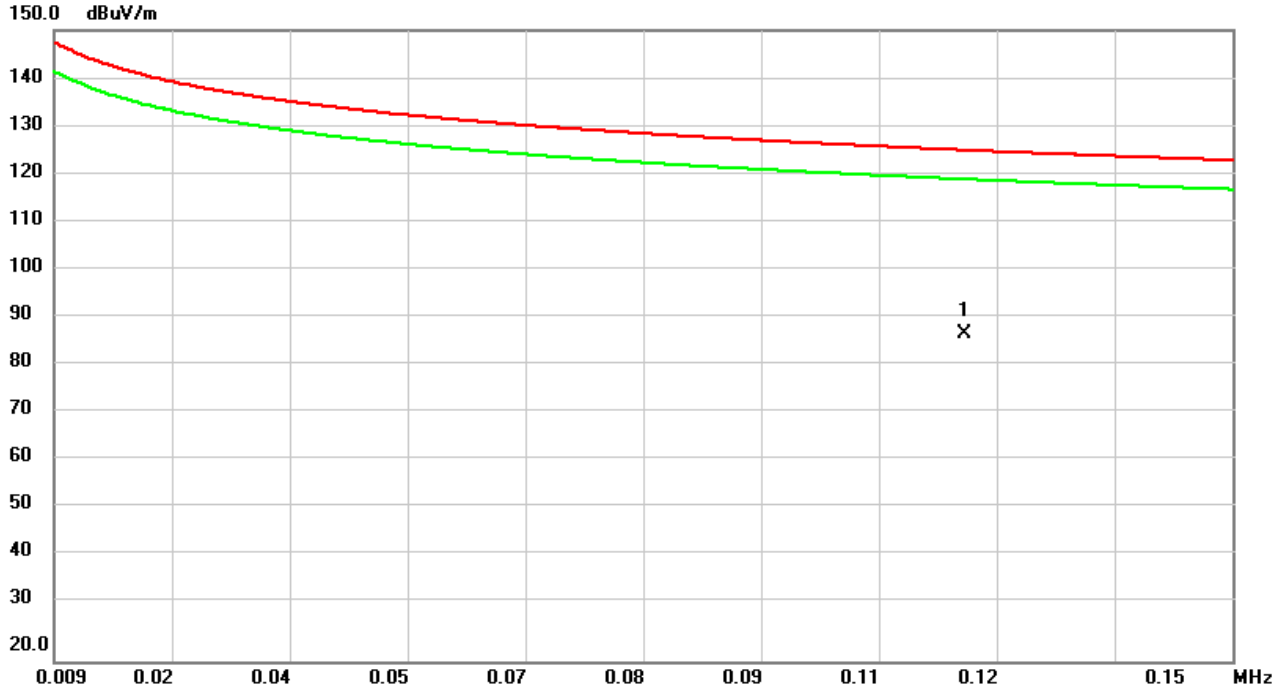


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2760	36.25	9.58	45.83	60.94	-15.11	QP	
2		0.2760	18.02	9.58	27.60	50.94	-23.34	AVG	
3	*	0.4222	37.04	9.58	46.62	57.40	-10.78	QP	
4		0.4222	14.85	9.58	24.43	47.40	-22.97	AVG	
5		1.1286	24.15	9.63	33.78	56.00	-22.22	QP	
6		1.1286	8.59	9.63	18.22	46.00	-27.78	AVG	
7		2.9985	19.36	9.70	29.06	56.00	-26.94	QP	
8		2.9985	2.87	9.70	12.57	46.00	-33.43	AVG	
9		7.5840	22.39	9.84	32.23	60.00	-27.77	QP	
10		7.5840	5.89	9.84	15.73	50.00	-34.27	AVG	
11		14.8155	22.96	10.13	33.09	60.00	-26.91	QP	
12		14.8155	14.90	10.13	25.03	50.00	-24.97	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

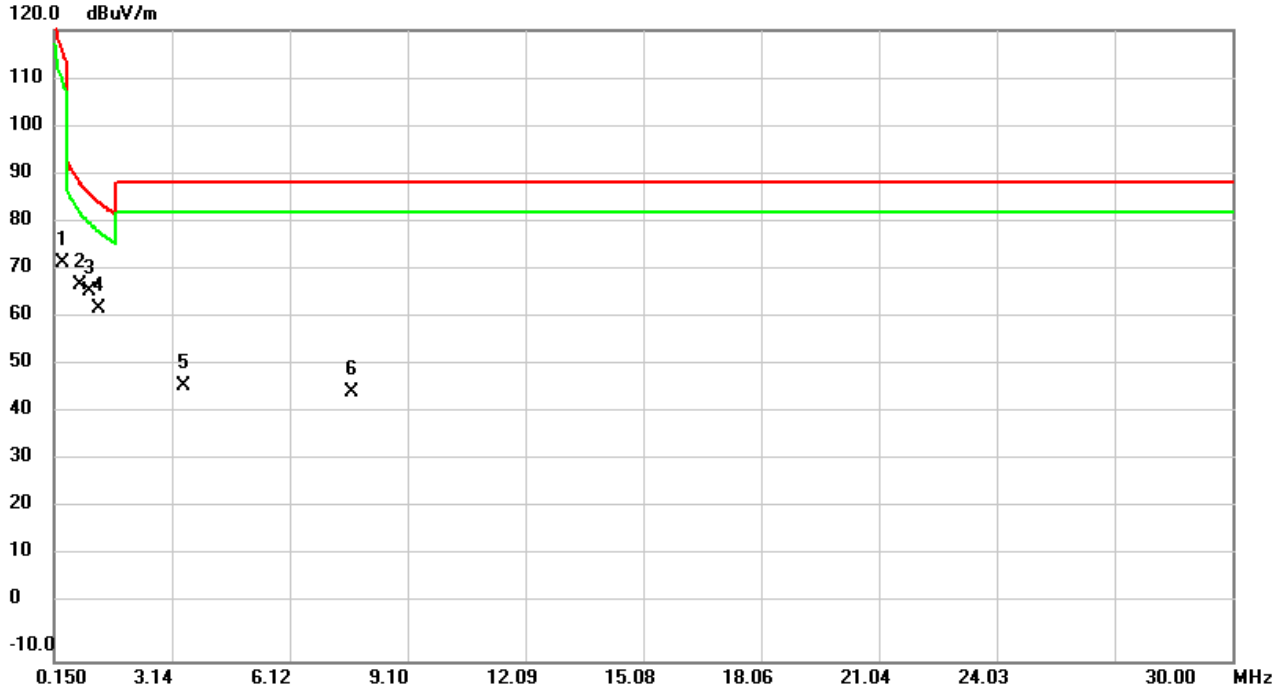
Test Mode	TX	Test Date	2024/8/8
Test Frequency	119KHz	Polarization	Vertical
Temp	24°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.1180	71.57	15.87	87.44	125.25	-37.81	AVG	

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

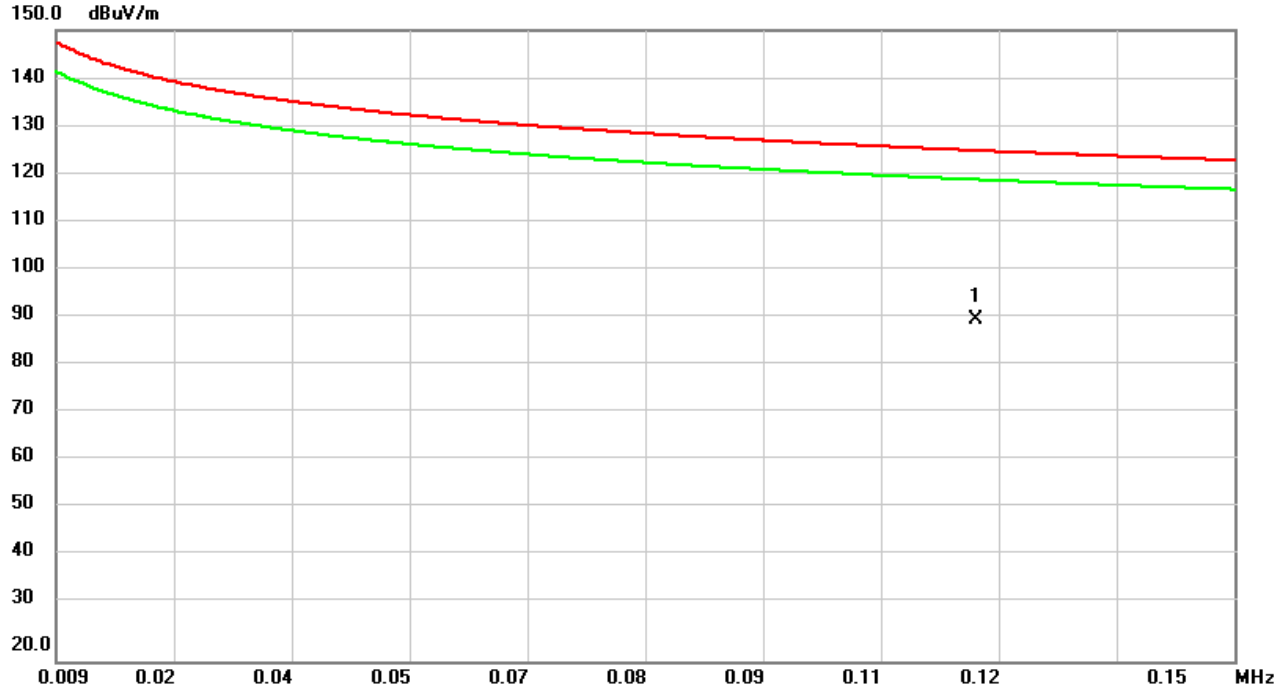
Test Mode	TX	Test Date	2024/8/8
Test Frequency	119KHz	Polarization	Vertical
Temp	24°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3520	64.84	7.27	72.11	115.75	-43.64	AVG	
2		0.8216	65.22	2.45	67.67	88.39	-20.72	QP	
3	*	1.0564	65.55	0.73	66.28	86.20	-19.92	QP	
4		1.2912	62.46	0.11	62.57	84.46	-21.89	QP	
5		3.4464	50.73	-3.89	46.84	88.62	-41.78	QP	
6		7.6771	49.12	-3.74	45.38	88.62	-43.24	QP	

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

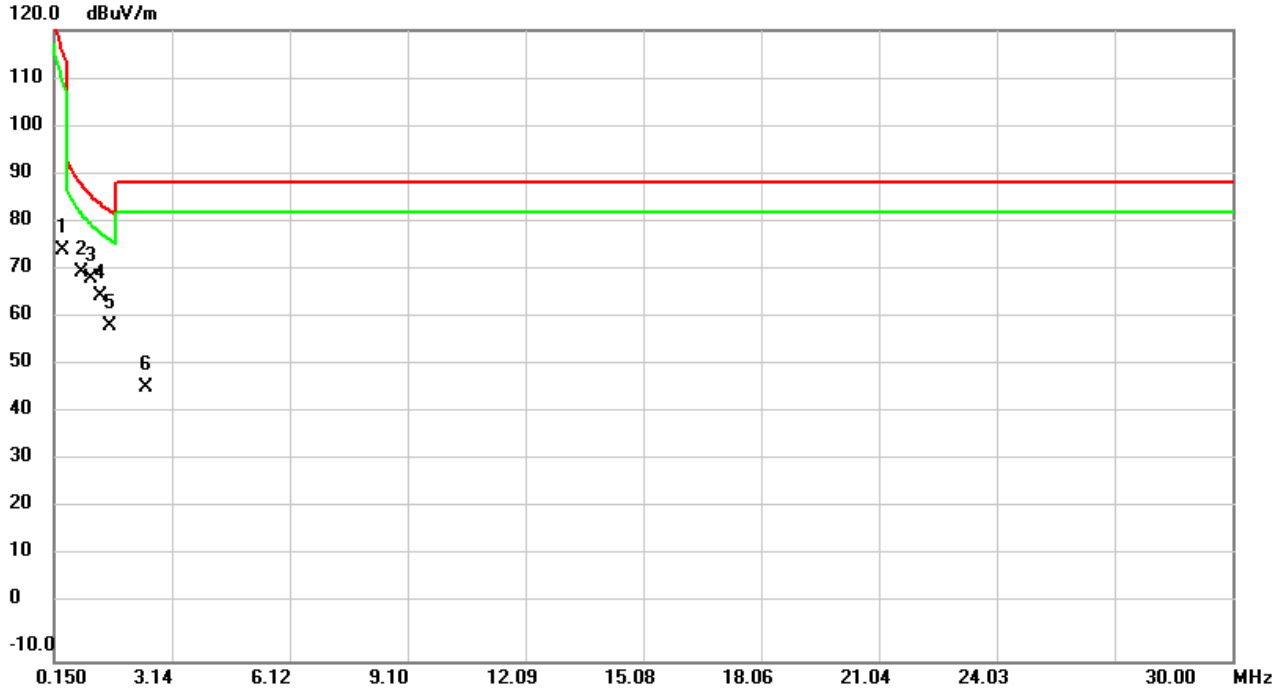
Test Mode	TX	Test Date	2024/8/8
Test Frequency	119KHz	Polarization	Horizontal
Temp	24°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.1191	74.48	15.82	90.30	125.17	-34.87	AVG	

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

Test Mode	TX	Test Date	2024/8/8
Test Frequency	119KHz	Polarization	Horizontal
Temp	24°C	Hum.	56%

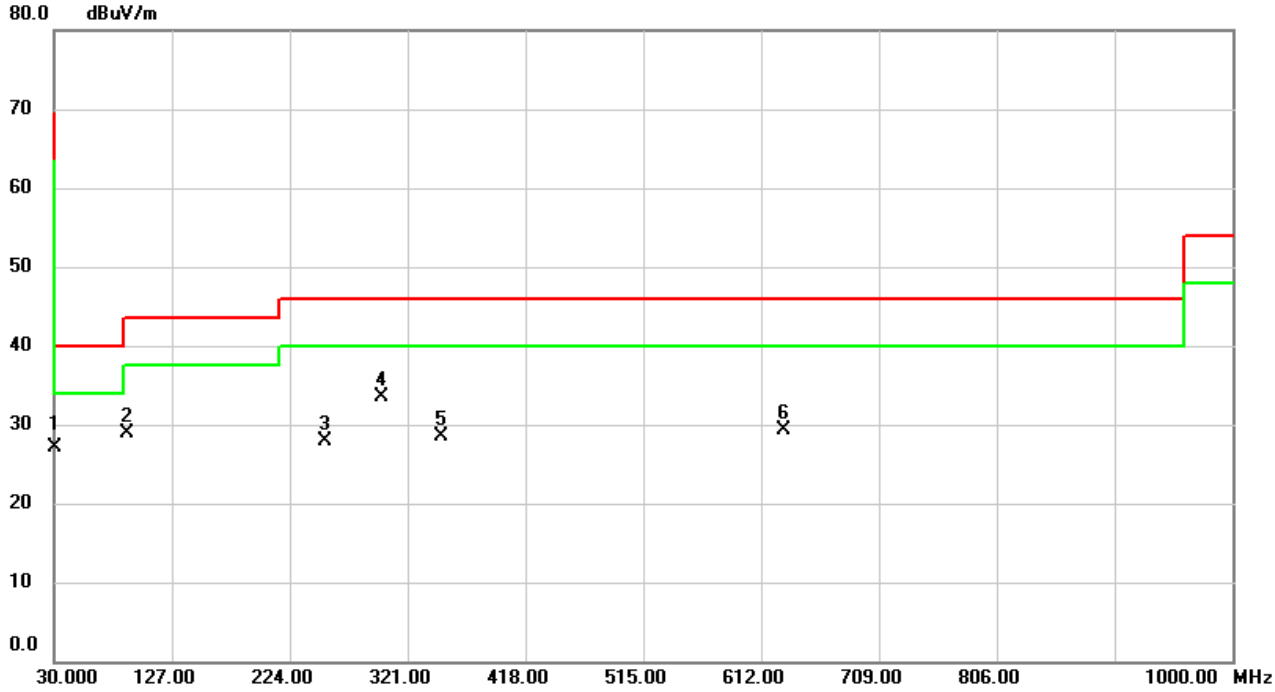


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3580	67.55	7.19	74.74	115.61	-40.87	AVG	
2		0.8296	67.58	2.37	69.95	88.30	-18.35	QP	
3	*	1.0664	68.09	0.70	68.79	86.12	-17.33	QP	
4		1.3102	65.25	0.07	65.32	84.33	-19.01	QP	
5		1.5568	59.70	-0.59	59.11	82.83	-23.72	QP	
6		2.4892	49.01	-2.72	46.29	88.62	-42.33	QP	

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

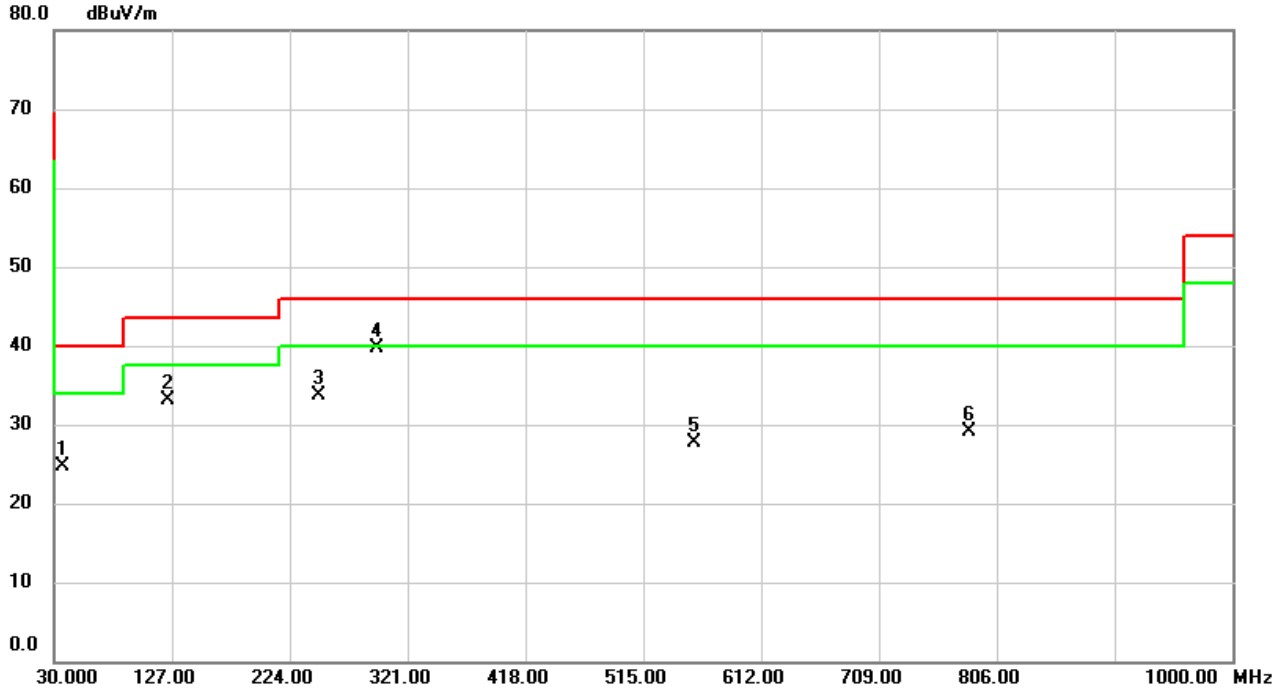
Test Mode	TX	Test Date	2024/8/8
Test Frequency	119KHz	Polarization	Vertical
Temp	24°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.0000	40.64	-13.46	27.18	40.00	-12.82	QP	
2		89.7520	47.05	-18.09	28.96	43.50	-14.54	peak	
3		253.5526	41.17	-13.19	27.98	46.00	-18.02	peak	
4	*	299.3366	45.11	-11.53	33.58	46.00	-12.42	peak	
5		348.3863	38.95	-10.43	28.52	46.00	-17.48	peak	
6		631.1090	33.23	-3.86	29.37	46.00	-16.63	peak	

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

Test Mode	TX	Test Date	2024/8/8
Test Frequency	119KHz	Polarization	Horizontal
Temp	24°C	Hum.	56%



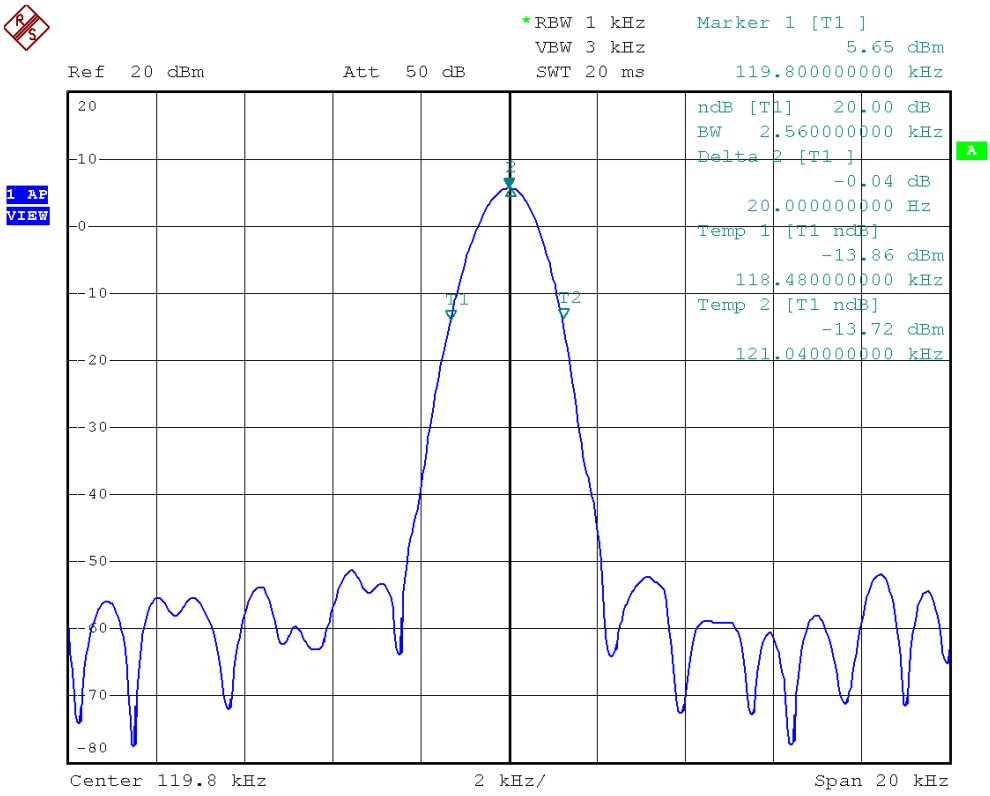
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		37.4043	37.31	-12.54	24.77	40.00	-15.23	peak	
2		123.1846	47.21	-14.19	33.02	43.50	-10.48	peak	
3		247.7973	47.12	-13.35	33.77	46.00	-12.23	peak	
4	*	295.2626	51.25	-11.62	39.63	46.00	-6.37	peak	
5		556.8393	33.31	-5.58	27.73	46.00	-18.27	peak	
6		783.6253	30.58	-1.43	29.15	46.00	-16.85	peak	

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

APPENDIX D 20 DB BANDWIDTH

Test Mode	TX

Frequency (KHz)	20dB Bandwidth (KHz)	Operated Frequency Range (KHz)	Result
118.48	2.56	121.04	Complied



Date: 9.AUG.2024 16:58:21

End of Test Report