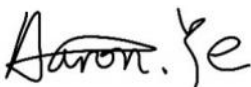


TEST REPORT

Product Name : Ittjoys AIReeplace self-cleaning litter box
Brand Name : Ittjoys AIReeplace
Model : LAB
Series Model : LAB005, LAB010, LAB011, LAB006
FCC ID : 2BVRP-LAB
Applicant : **Shanghai Omay Electronics CO., LTD.**
Address : 1/F, Building 3, 5058 Chuannanfeng Road, Zhuqiao Town,
Pudong new area, Shanghai, China
Manufacturer : **Shanghai Omay Electronics CO., LTD.**
Address : 1/F, Building 3, 5058 Chuannanfeng Road, Zhuqiao Town,
Pudong new area, Shanghai, China
Standard(s) : FCC CFR Title 47 Part 15 Subpart C Section 15.225
Date of Receipt : Apr. 20, 2026
Date of Test : Apr. 20, 2026~ May. 09, 2026
Issued Date : May. 25, 2026

Issued By: **Guangdong Asia Hongke Test Technology Limited**
B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community,
Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Tel.: +86 0755-230967639 Fax.: +86 0755-230967639

Reviewed by:


Aalen.Ye

Approved by:


Allen Wang



Note: This device has been tested and found to comply with the standard(s) listed, this test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory. This report shall not be reproduced except in full, without the written approval of Guangdong Asia Hongke Test Technology Limited. If there is a need to alter or revise this document, the right belongs to Guangdong Asia Hongke Test Technology Limited, and it should give a prior written notice of the revision document. This test report must not be used by the client to claim product endorsement.

Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China.

**Report Revise Record**

Report Version	Issued Date	Notes
M0	May. 25, 2026	Initial Release

Note: This device has been tested and found to comply with the standard(s) listed, this test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory. This report shall not be reproduced except in full, without the written approval of Guangdong Asia Hongke Test Technology Limited. If there is a need to alter or revise this document, the right belongs to Guangdong Asia Hongke Test Technology Limited, and it should give a prior written notice of the revision document. This test report must not be used by the client to claim product endorsement.

Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China.

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1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

[FCC Rules Part 15.225](#): Operation within the band 13.110–14.010 MHz

[ANSI C63.10-2020+Cor 1-2023](#): American National Standard for Testing Unlicensed Wireless Devices

1.2 Test Summary

FCC PART 15 .225		
FCC Part 15.207	AC Power Conducted Emission	PASS
FCC Part 2.1049	20dB Bandwidth	PASS
FCC Part 15.225(a) (b) (c)	In-band Emissions	PASS
FCC Part 15.225(d)/15.209	Out-of-band Emissions	PASS
FCC Part 15.225(e)	Frequency Stability Tolerance	PASS
FCC Part 15.203	Antenna Requirement	PASS

1.3 Test Facility

Test Laboratory:

Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

The test facility is recognized, certified or accredited by the following organizations:

FCC-Registration No.: 251906 Designation Number: CN1376

Guangdong Asia Hongke Test Technology Limited has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC —Registration No.: 31737 CAB identifier: CN0165

The 3m Semi-anechoic chamber of Guangdong Asia Hongke Test Technology Limited has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 31737

A2LA-Lab Cert. No.: 7133.01

Guangdong Asia Hongke Test Technology Limited has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

1.4 Measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report according to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Guangdong Asia Hongke Test Technology Limited's quality system according to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Asia Hongke laboratory is reported:

Test	Measurement Uncertainty	Notes
Power Line Conducted Emission	9KHz~30MHz ± 1.20 dB	(1)
Radiated Emission	9KHz~30MHz ± 3.10 dB	(1)
Radiated Emission	30MHz~1GHz ± 3.75 dB	(1)
Radiated Emission	1GHz~18GHz ± 3.88 dB	(1)
Radiated Emission	18GHz~40GHz ± 3.88 dB	(1)
RF power, conducted	30MHz~6GHz ± 0.16 dB	(1)
RF power density, conducted	± 0.24 dB	(1)
Spurious emissions, conducted	± 0.21 dB	(1)
Temperature	$\pm 1^{\circ}\text{C}$	(1)
Humidity	$\pm 3\%$	(1)
DC and low frequency voltages	$\pm 1.5\%$	(1)
Time	$\pm 2\%$	(1)
Duty cycle	$\pm 2\%$	(1)

The report 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%.

2 GENGGENERAL INFORMATION

2.1 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Normal Temperature:	25°C
Relative Humidity:	55 %
Air Pressure:	101 kPa

2.2 General Description of EUT

Product Name:	Ittjoys AIReeplace self-cleaning litter box
Model/Type reference:	LAB
Serial Model:	LAB005, LAB010, LAB011, LAB006
Model difference:	All models are same as the samples except model name, all the models are electrical identical same mechanical structure and design.
Power Supply:	DC 9V from adapter
Adapter:	Model:W&T-AD1818A090150U INPUT: AC100-240V~0.4A 50/60Hz OUTPUT: 9.0V=1.5A 13.5W
Hardware Version:	4.1
Software Version:	N/A
Sample(s) Status:	AiTSZ-260420027-1(Normal sample) AiTSZ-260420027-2(Engineer sample)
NFC:	
Operation frequency:	13.56MHz
Modulation :	ASK
No. of Channel :	1
Antenna type:	Loop antenna
Remark: The above DUT's information was declared by manufacturer. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.	

2.3 Special Accessories

Follow auxiliary equipment(s) test with EUT that provided by the manufacturer or laboratory is listed as follow:

Description	Manufacturer	Model	Serial No.	Provided by	Other
/	/	/	/	/	/
/	/	/	/	/	/

2.4 Equipment List for the Test

Conducted Emission measurement							
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Pre.Cal. Date	New Cal. Date	Cal.Due
☒ 1	EMI Test Receiver	R&S	ESPI	100771	2024.09.25	2025.09.23	2026.09.22
☒ 2	LISN	R&S	NNLK 8129	8130179	2024.09.24	2025.09.23	2026.09.22
☒ 3	ISN	TESEQ	T800	29429	2024.09.26	2025.09.23	2026.09.22
☒ 4	Pulse Limiter	R&S	ESH3-Z2	102789	2024.09.24	2025.09.23	2026.09.22
☒ 5	CE Software	EZ	EZ-EMC_CE	Ver.AIT-03A	N/A	N/A	N/A

Radiation Emission measurement							
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Pre.Cal. Date	New Cal. Date	Cal.Due
☒ 1	EMI Measuring Receiver	R&S	ESR	101160	2024.09.25	2025.09.23	2026.09.22
☒ 2	Low Noise Pre Amplifier	SCHWARZBECK	BBV 9745	00282	2024.09.25	2025.09.23	2026.09.22
☐ 3	Low Noise Pre Amplifier	CESHENG	CSKJLNA23 1016A	CSKJLNA23 1016A	2024.09.25	2025.09.23	2026.09.22
☐ 4	Spectrum Analyzer	R&S	FSV40	101470	2024.09.23	2025.09.23	2026.09.22
☒ 5	Passive Loop	ETS	6512	00165355	2024.08.29	/	2026.08.28
☒ 6	TRILOG Super Broadband test Antenna	SCHWARZBECK	VULB9168	01434	2024.08.29	/	2027.08.28
☐ 7	Broadband Horn Antenna	Schwarzbeck	BBHA 9120D	452	2024.08.29	/	2027.08.28
☐ 8	Horn Antenna 15-40GHz	SCHWARZBECK	BBHA9170	BBHA91703 67	2024.08.28	/	2027.08.27
☒ 9	6dB Attenuator	JFW	50FPE-006	4360846-949-1	2024.09.24	2025.09.23	2026.09.22
☒ 10	RE Software	EZ	EZ-EMC_RE	Ver.AIT-03A	N/A	N/A	N/A

RF Conducted measurement							
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Pre.Cal. Date	New Cal. Date	Cal.Due
☒ 1	Spectrum Analyzer	Agilent	N9020A	MY5342157 0	2024.09.25	2025.09.23	2026.09.22
☐ 2	Power Sensor	Agilent	8481A	MY4109769 7	2024.09.25	2025.09.23	2026.09.22
☐ 3	Vector Signal Generator	Agilent	N5182A	MY5014300 9	2024.09.25	2025.09.23	2026.09.22
☐ 4	Analog signal generator	Agilent	E8257	MY5155425 6	2024.09.25	2025.09.23	2026.09.22
☐ 5	Const Temp. & Humidity Chamber	Eastlab	YH-HW-408L	23051109	2024.09.24	2025.09.23	2026.09.22
☐ 6	Wideband Radio	R&S	CMW500	1201.0002K	2024.09.24	2025.09.23	2026.09.22



	communication tester			50			
☒ 7	DC power supply	ZHAOXIN	RXN-305D-2	2807000255 9	2024.09.24	2025.09.23	2026.09.22
☐ 8	RF Test box	TST	TSTPASS	21033016	2024.09.25	2025.09.23	2026.09.22
☐ 9	RF Software	TST	TSTPASS	Version 2.0	N/A	N/A	N/A
☐ 10	RF Software	Cesheng	WCN Regulatory	Ver 25.03.2901	N/A	N/A	N/A

Note: ☐ is not applicable in this Test Report. ☒ is applicable in this Test Report.

3 TEST CONDITIONS AND RESULTS

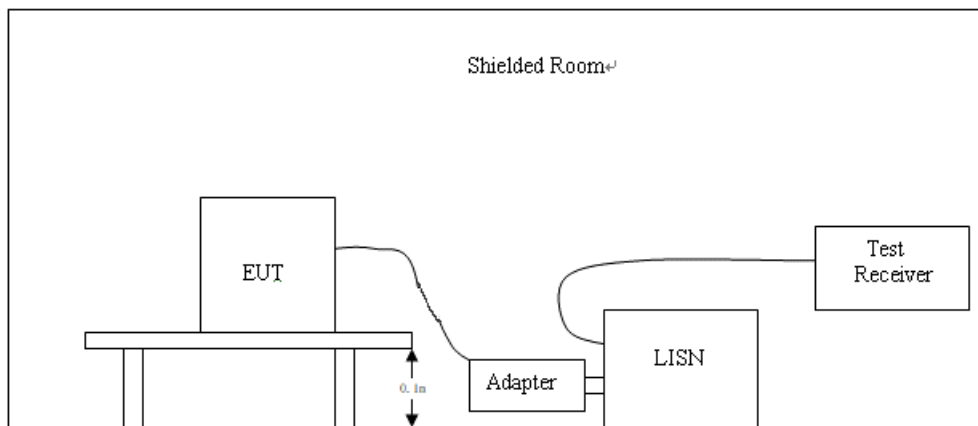
3.1 Conducted Emissions Test

LIMIT

Frequency range (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST CONFIGURATION

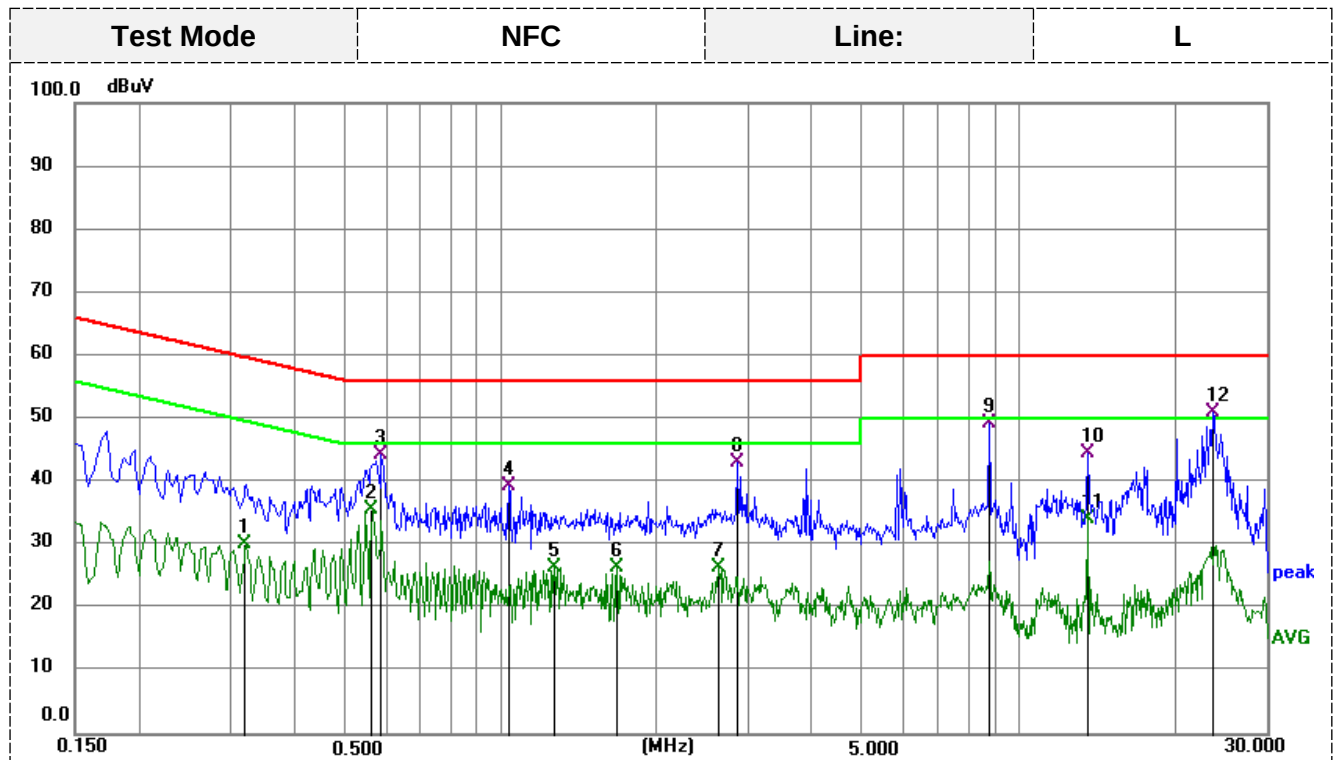


TEST PROCEDURE

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system; a wooden table with a height of 0.1 meters is used and is placed on the ground plane as per ANSI C63.10-2020+Cor 1-2023.
2. Support equipment, if needed, was placed as per ANSI C63.10-2020+Cor 1-2023.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10-2020+Cor 1-2023.
4. The adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.

TEST RESULTS

Remark: Both 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz power supply have been tested, only the worst result of 120 VAC, 60 Hz was reported as below:

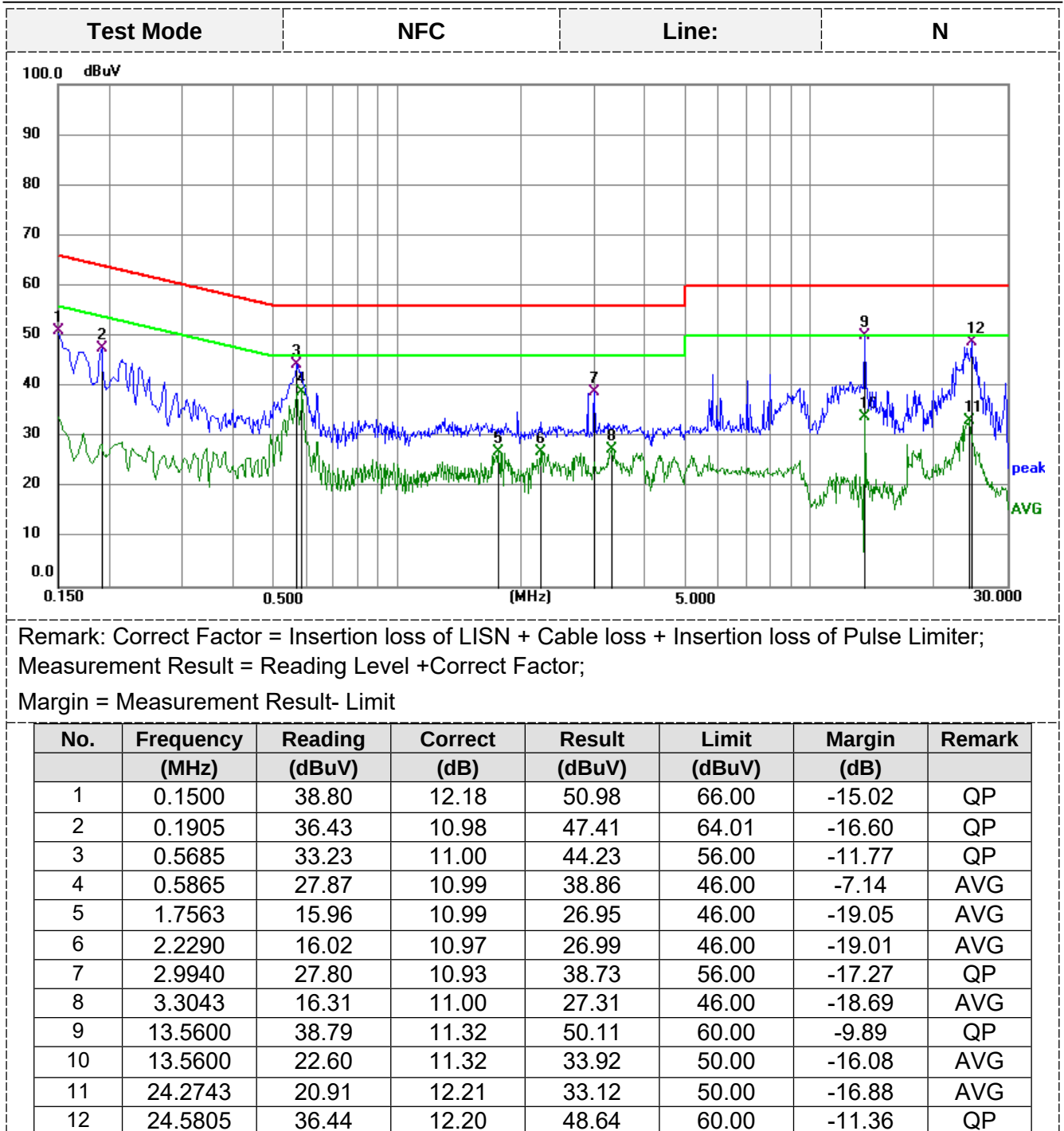


Remark: Correct Factor = Insertion loss of LISN + Cable loss + Insertion loss of Pulse Limiter;

Measurement Result = Reading Level + Correct Factor;

Margin = Measurement Result - Limit

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3209	19.01	11.07	30.08	49.68	-19.60	AVG
2	0.5639	24.51	11.06	35.57	46.00	-10.43	AVG
3	0.5865	33.23	11.05	44.28	56.00	-11.72	QP
4	1.0320	28.36	11.07	39.43	56.00	-16.57	QP
5	1.2660	15.41	11.06	26.47	46.00	-19.53	AVG
6	1.6800	15.36	11.05	26.41	46.00	-19.59	AVG
7	2.6250	15.44	11.02	26.46	46.00	-19.54	AVG
8	2.8680	32.14	11.02	43.16	56.00	-12.84	QP
9	8.7315	38.14	11.19	49.33	60.00	-10.67	QP
10	13.5600	33.06	11.46	44.52	60.00	-15.48	QP
11	13.5600	22.62	11.46	34.08	50.00	-15.92	AVG
12	23.6400	38.59	12.35	50.94	60.00	-9.06	QP



3.2 Radiated Emissions

Limit

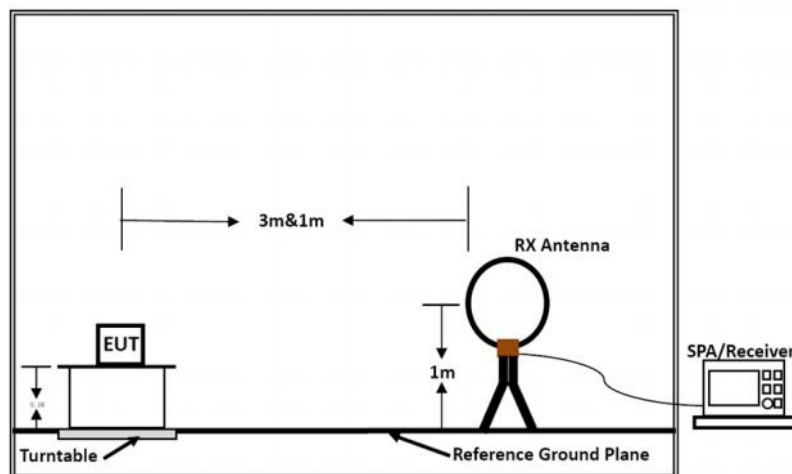
- The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/ meter at 30 meters.
- Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
- Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
- The field strength of any emissions appearing outside of the 13.110– 14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

Radiated emission limits

Frequency (MHz)	Distance (Meters)	Radiated (dBuV/m)	Radiated ($\mu\text{V/m}$)
0.009-0.49	3	$20\log(2400/F(\text{KHz}))+40\log(300/3)$	$2400/F(\text{KHz})$
0.49-1.705	3	$20\log(24000/F(\text{KHz}))+40\log(30/3)$	$24000/F(\text{KHz})$
1.705-13.110	3	69.54	30
13.110-13.410	3	80.50	106
13.410-13.553	3	90.47	334
13.553-13.567	3	124.00	15848
13.567-13.710	3	90.47	334
13.710-14.010	3	80.50	106
14.010-30.0	3	69.54	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

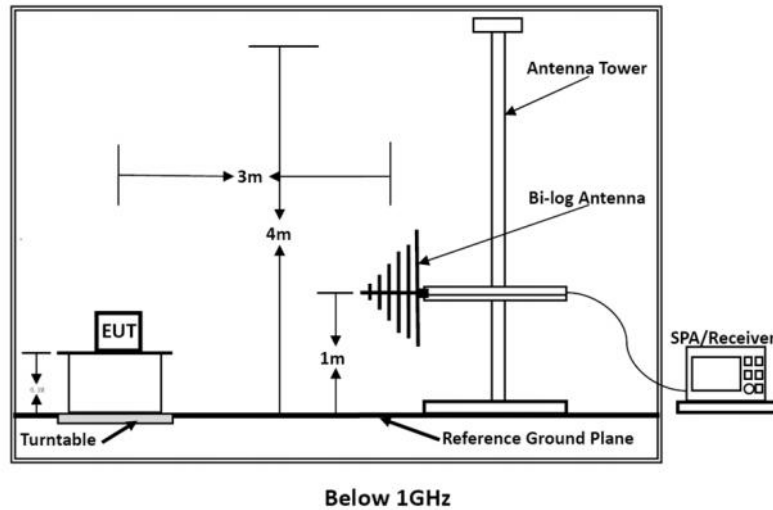
TEST CONFIGURATION

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



Below 30MHz

(B) Radiated Emission Test Set-Up, Frequency below 1000MHz



Test Procedure

- Below 1GHz measurement the EUT is placed on a turntable which is 0.1m above ground plane, and above 1GHz measurement EUT was placed on a low permittivity and low loss tangent turn table which is 1.5m above ground plane.
- Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0° to 360° to acquire the highest emissions from EUT
- And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- Repeat above procedures until all frequency measurements have been completed.
- Radiated emission test frequency band from 9KHz to 1GHz.
- The distance between test antenna and EUT as following table states:

Test Frequency range	Test Antenna Type	Test Distance
9KHz-30MHz	Active Loop Antenna	3
30MHz-1GHz	Bi-log Antenna	3

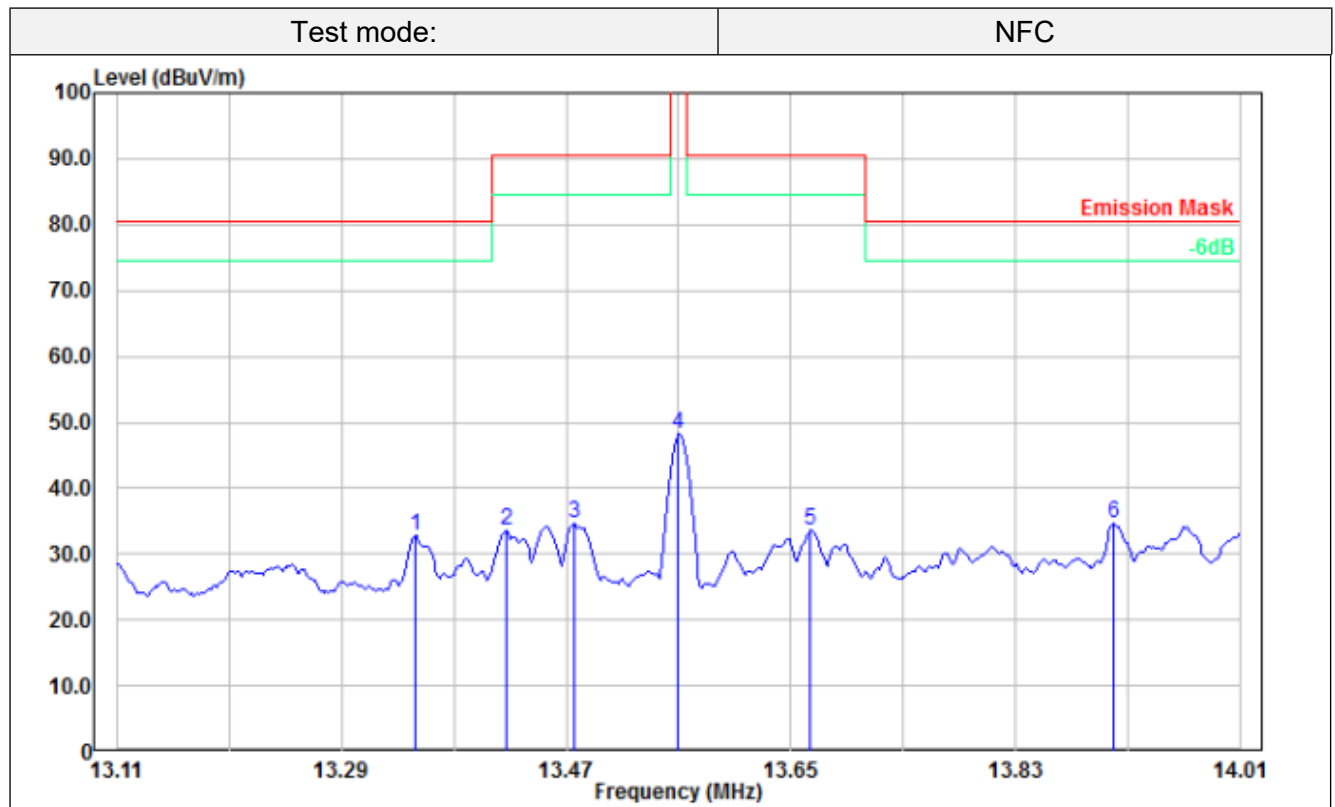
- Setting test receiver/spectrum as following table states:

Test Frequency range	Test Receiver/Spectrum Setting	Detector
9KHz-150KHz	RBW=200Hz/VBW=3KHz,Sweep time=Auto	QP
150KHz-30MHz	RBW=9KHz/VBW=100KHz,Sweep time=Auto	QP
30MHz-1GHz	RBW=120KHz/VBW=1000KHz,Sweep time=Auto	QP

TEST RESULTS

Below 30MHz

3.2.1 In-band Emissions



Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss

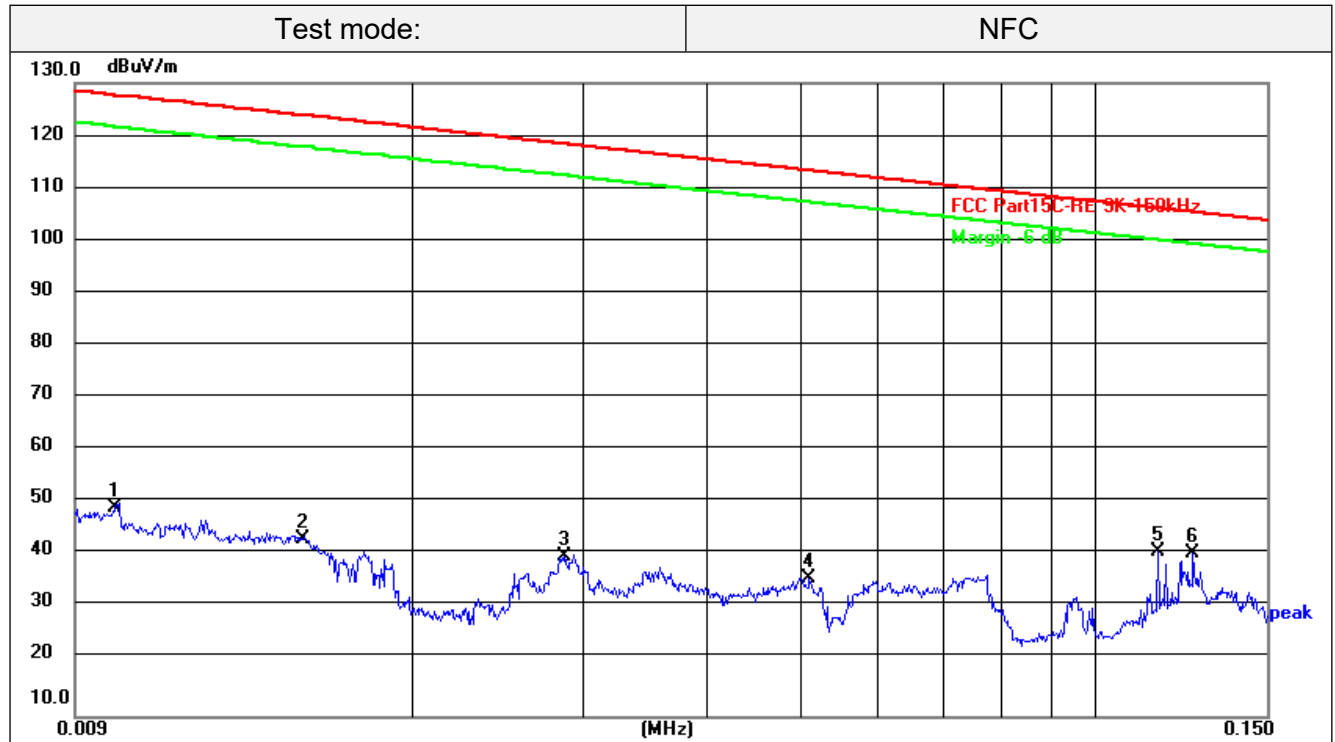
Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Det.
1	13.36	28.46	3.83	32.29	80.51	-48.22	Peak
2	13.44	30.03	3.82	33.85	90.47	-56.62	Peak
3	13.49	30.77	3.82	34.59	90.47	-55.88	Peak
4	13.56	44.80	3.81	48.61	124.00	-75.39	Peak
5	13.66	29.22	3.80	33.02	90.47	-57.45	Peak
6	13.92	30.73	3.79	34.52	80.51	-45.99	Peak

Remark: Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

3.2.2 Out-of-band Emissions

For 9KHz-150KHz



Remark:

Level(dBuV/m)=reading(dBuV/m)+factor;

Factor=ant factor+cable loss;

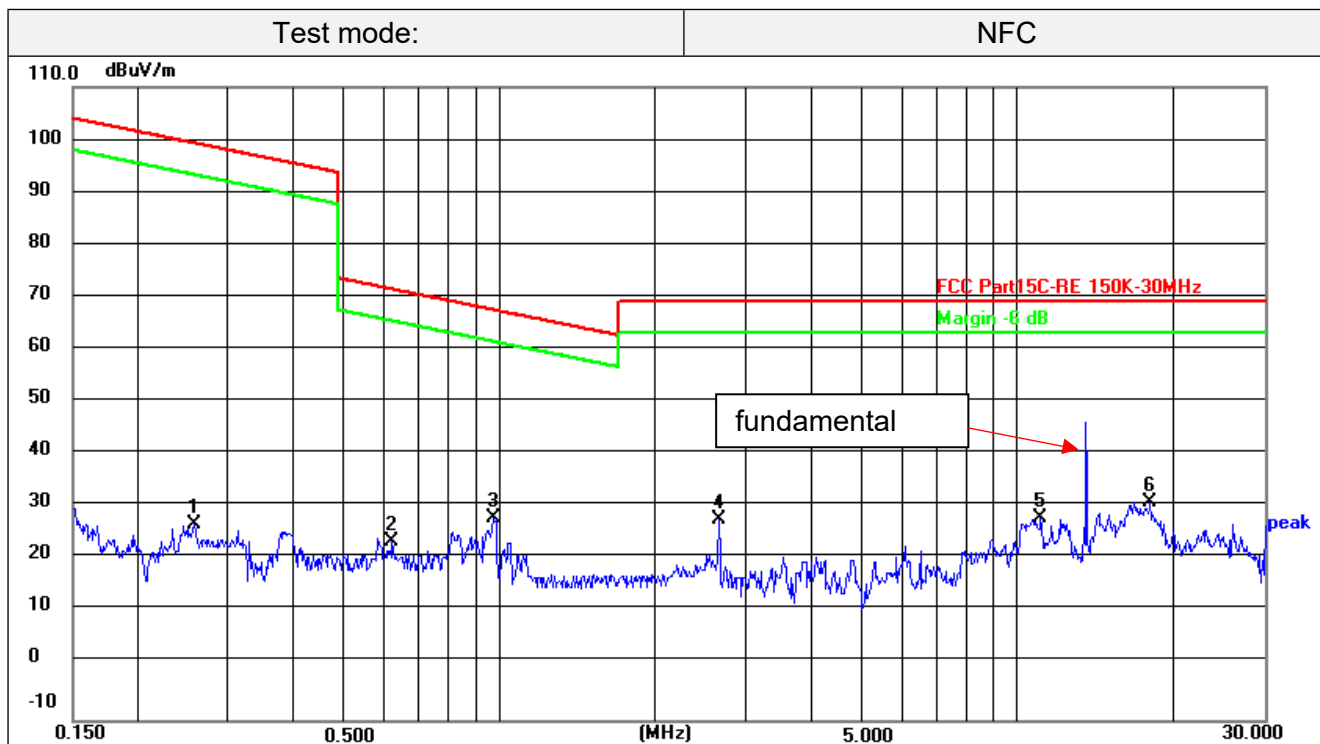
Level(dBuA/m)=level(dBuV/m)-51.5

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	0.0100	28.11	21.43	49.54	127.60	-78.06	Peak
2	0.0154	22.39	21.09	43.48	123.85	-80.37	Peak
3	0.0286	19.25	21.32	40.57	118.48	-77.91	Peak
4	0.0510	13.74	22.60	36.34	113.45	-77.11	Peak
5	0.1160	19.40	22.24	41.64	106.31	-64.67	Peak
6	0.1259	19.21	22.14	41.35	105.60	-64.25	Peak

No.	Frequency (MHz)	Level (dBuV/m)	Level (dBuA/m)	Limit (dBuA/m)	Margin (dB)	Det.
1	0.0100	49.54	-1.96	76.10	-78.06	Peak
2	0.0154	43.48	-8.02	72.35	-80.37	Peak
3	0.0286	40.57	-10.93	66.98	-77.91	Peak
4	0.0510	36.34	-15.16	61.95	-77.11	Peak
5	0.1160	41.64	-9.86	54.81	-64.67	Peak
6	0.1259	41.35	-10.15	54.10	-64.25	Peak

Remark: Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

For 150KHz-30MHz



Remark:

Level(dBuV/m)=reading(dBuV/m)+factor;

Factor=ant factor+cable loss;

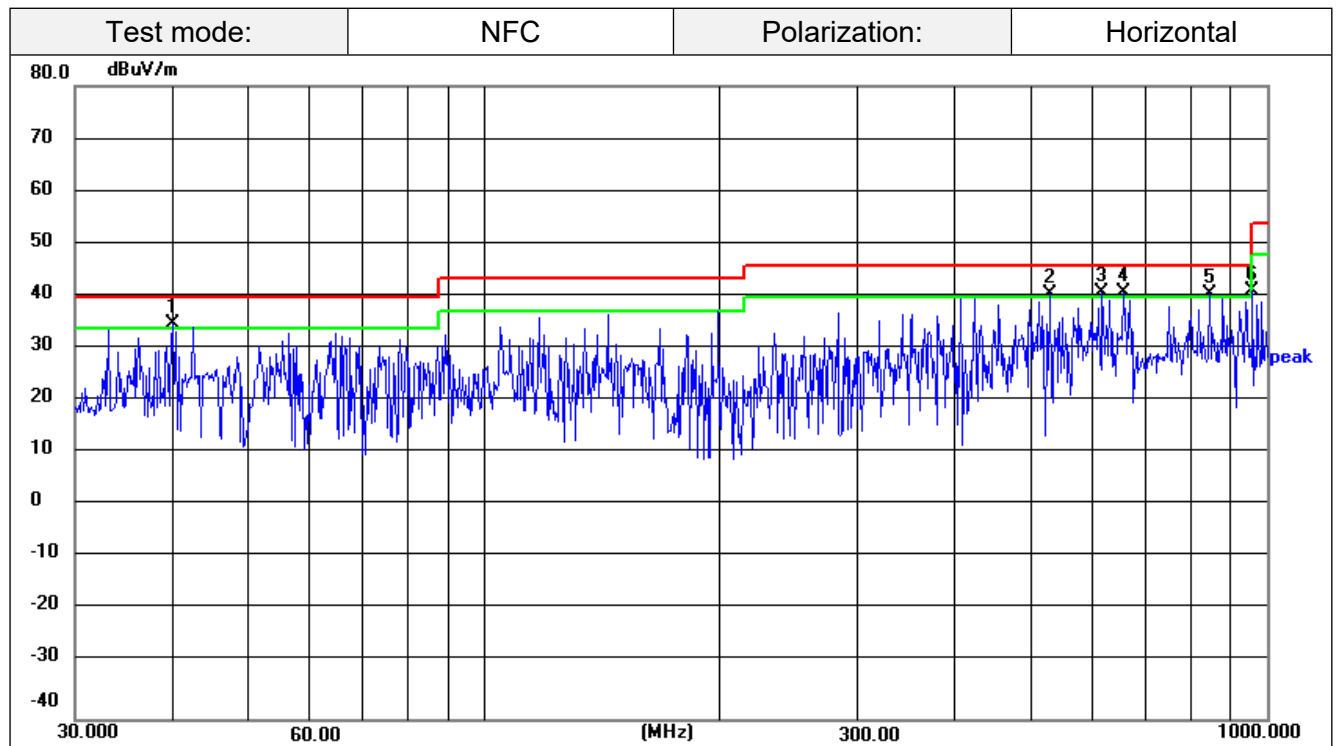
Level(dBuA/m)=level(dBuV/m)-51.5

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	0.2575	5.88	21.41	27.29	99.39	-72.10	Peak
2	0.6205	1.68	22.14	23.82	71.75	-47.93	Peak
3	0.9735	5.87	22.59	28.46	67.84	-39.38	Peak
4	2.6500	5.63	22.53	28.16	69.54	-41.38	Peak
5	11.0791	5.59	22.82	28.41	69.54	-41.13	Peak
6	18.0393	8.02	23.48	31.50	69.54	-38.04	Peak

No.	Frequency (MHz)	Level (dBuV/m)	Level (dBuA/m)	Limit (dBuA/m)	Margin (dB)	Det.
1	0.2575	21.41	-24.21	47.89	-72.10	Peak
2	0.6205	22.14	-27.68	20.25	-47.93	Peak
3	0.9735	22.59	-23.04	16.34	-39.38	Peak
4	2.6500	22.53	-23.34	18.04	-41.38	Peak
5	11.0791	22.82	-23.09	18.04	-41.13	Peak
6	18.0393	23.48	-20.00	18.04	-38.04	Peak

Remark: Measured at antenna position coaxial and coplanar, only record the worst case of Coaxial.

For 30MHz-1GHz



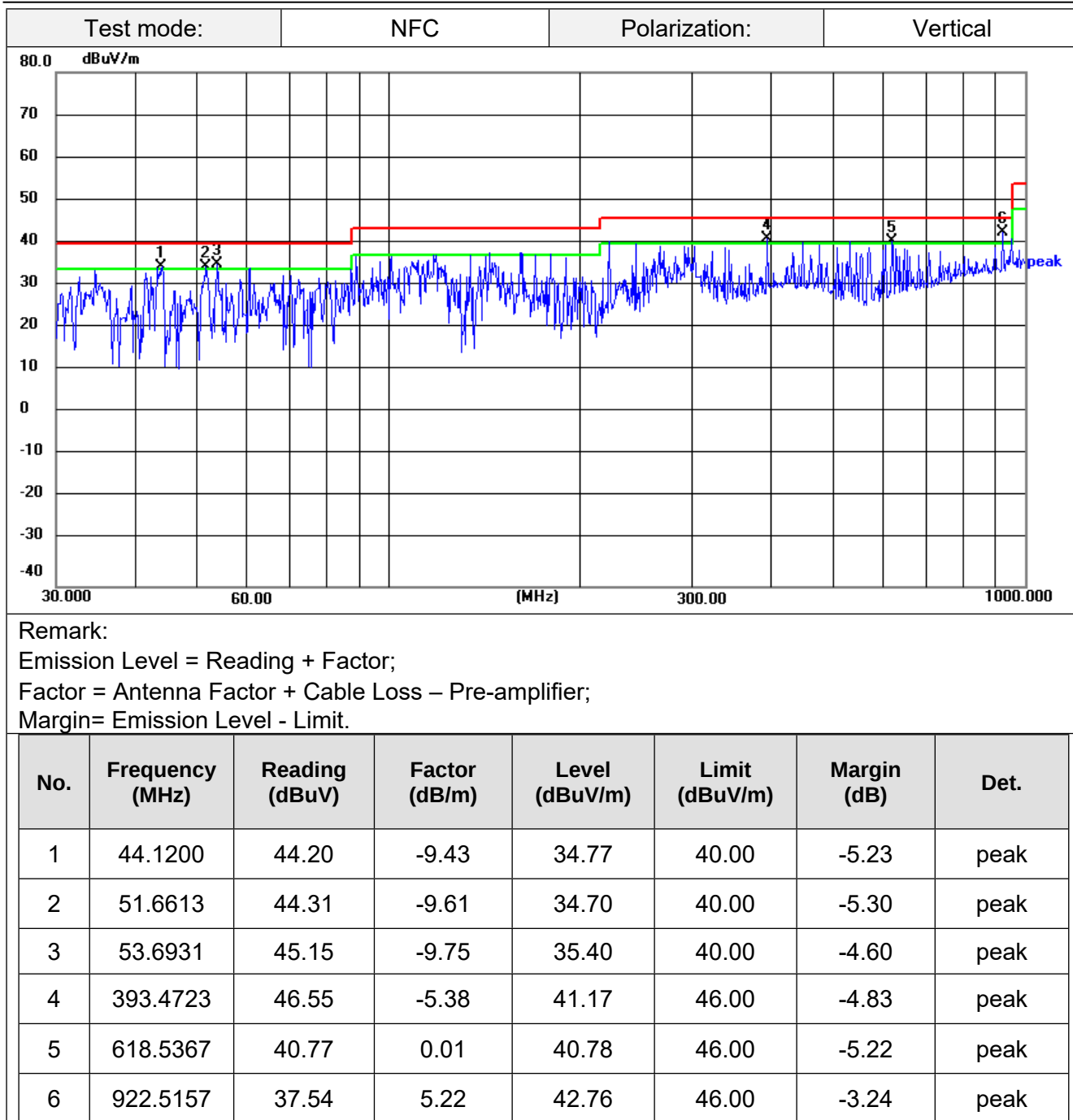
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	39.9941	44.13	-9.18	34.95	40.00	-5.05	peak
2	528.2458	42.53	-1.99	40.54	46.00	-5.46	peak
3	616.3716	40.89	-0.08	40.81	46.00	-5.19	peak
4	656.5300	39.93	0.88	40.81	46.00	-5.19	peak
5	845.0877	35.90	4.76	40.66	46.00	-5.34	peak
6	958.7943	35.15	6.07	41.22	46.00	-4.78	peak



3.3 20dB Bandwidth

Limit

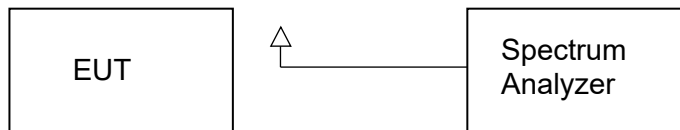
No limit for 20dB bandwidth.

Test Procedure

The 20dB bandwidth is measured with a spectrum analyzer connected via a receive antenna placed near the EUT while the EUT is operating in transmission mode.

The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

Test Configuration



Test Results

Modulation	Frequency(MHz)	20dB bandwidth (KHz)	99%dB bandwidth (KHz)	Result
ASK	13.56	0.059	1.082	Pass

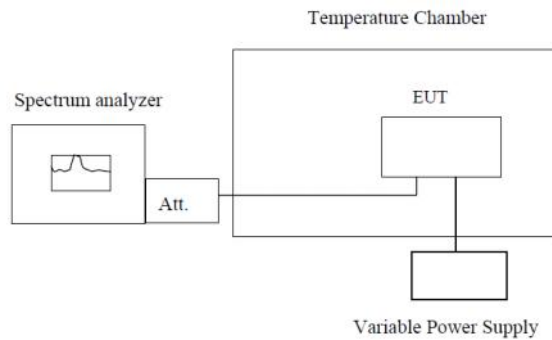


3.4 Frequency Stability

LIMIT

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency over a temperature variation of -20 degrees to $+50$ degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

TEST CONFIGURATION



Note : Measurement setup for testing on Antenna connector

TEST PROCEDURE

1. The equipment under test was connected to an external DC power supply and input rated voltage.
2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.
3. The EUT was placed inside the temperature chamber.
4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency.
5. Turn EUT off and set the chamber temperature to -20°C . After the temperature stabilized for approximately 30 minutes recorded the frequency.
6. Repeat step measure with 10°C increased per stage until the highest temperature of $+50^{\circ}\text{C}$ reached.
7. Reduce the input voltage to specified extreme voltage variation ($\pm 15\%$) or endpoint, record the maximum frequency change.

TEST RESULTS

Reference Frequency: 13.56MHz				
Voltage (V)	Temperature (°C)	Frequency (MHz)	Frequency Deviation(Hz)	Deviation (%)
9.0	+20(Ref)	13.56017	170	0.00125%
	-20	13.56020	200	0.00147%
	-10	13.56008	80	0.00059%
	0	13.56014	140	0.00103%
	+10	13.56015	150	0.00111%
	+20	13.56013	130	0.00096%
	+25	13.56005	50	0.00037%
	+30	13.56014	140	0.00103%
	+40	13.56020	200	0.00147%
	+50	13.56006	60	0.00044%
9.9	+20	13.56009	90	0.00066%
8.1	+20	13.56006	60	0.00044%

3.5 Antenna Requirement

Standard Applicable

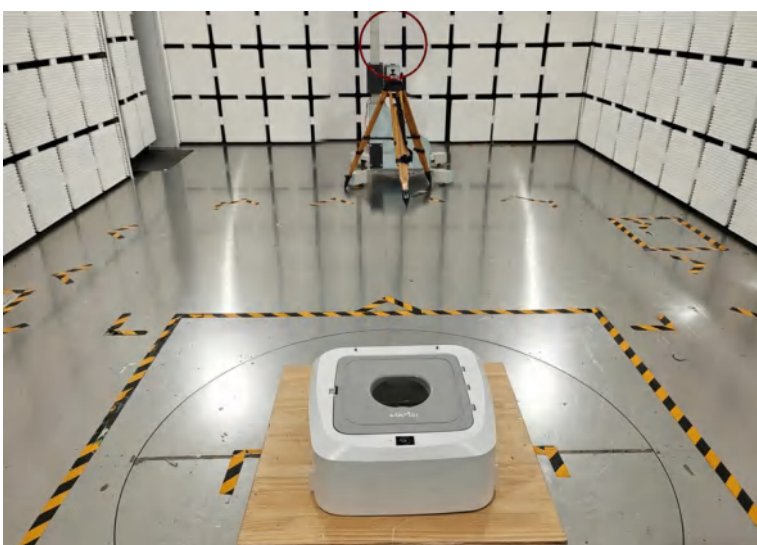
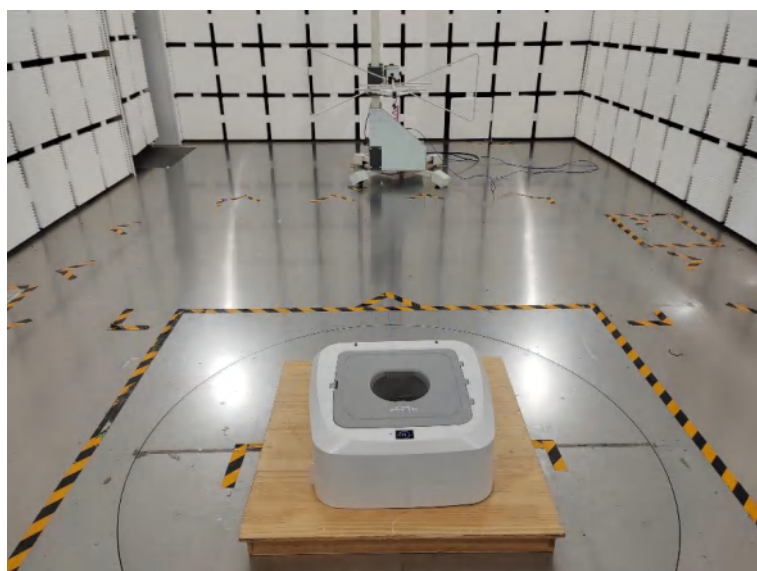
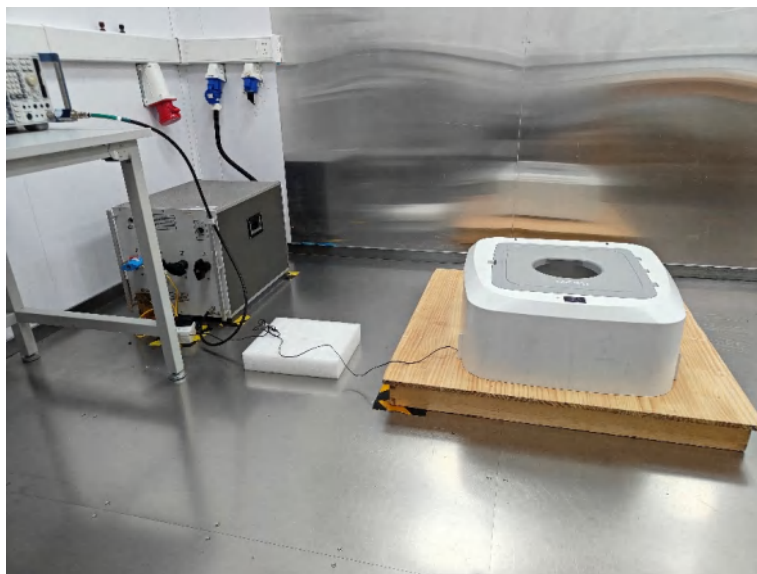
For intentional device, according to FCC 47 CFR Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

Test Result

The EUT make use of an Induction coil antenna.

4 Test Setup Photographs of EUT



5 Photos of EUT

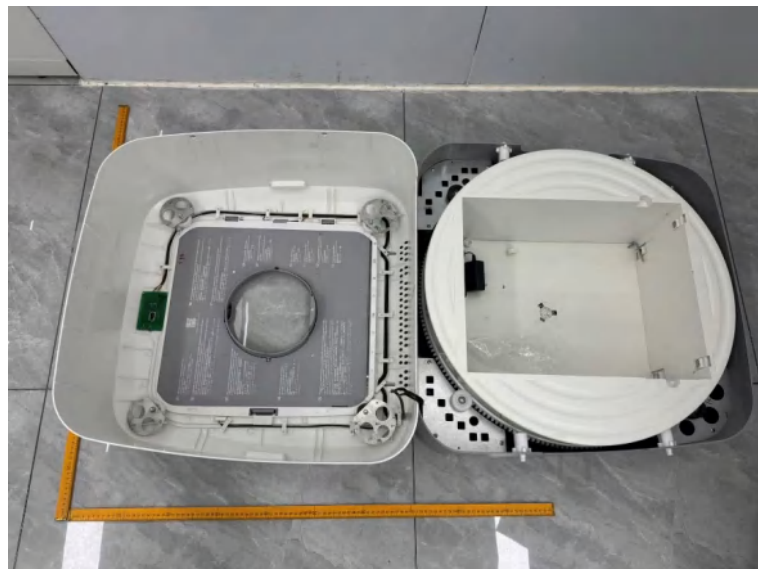
External Photos

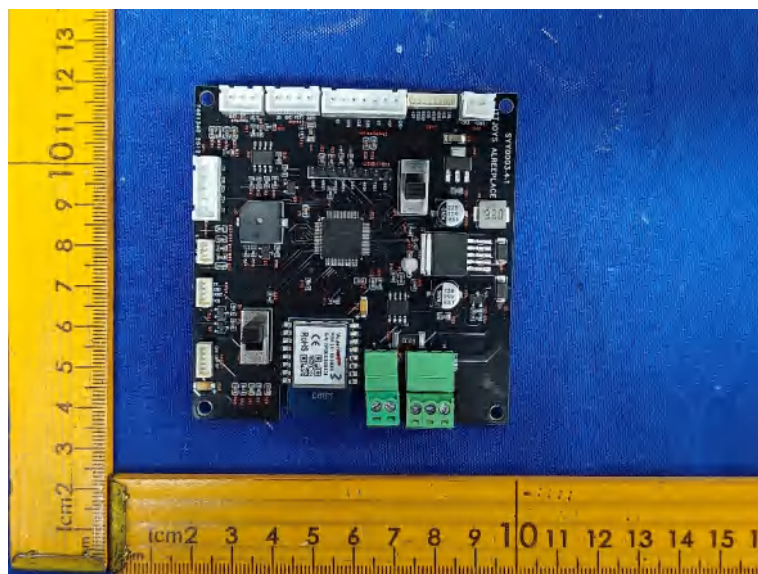
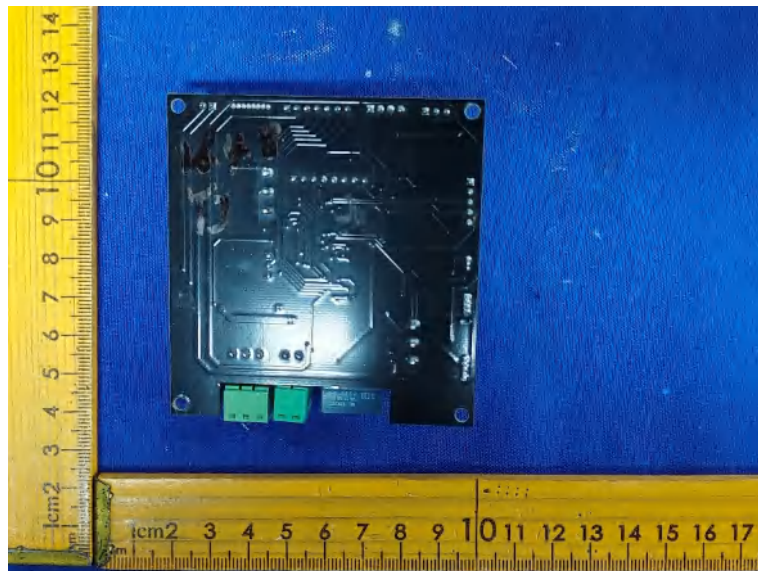


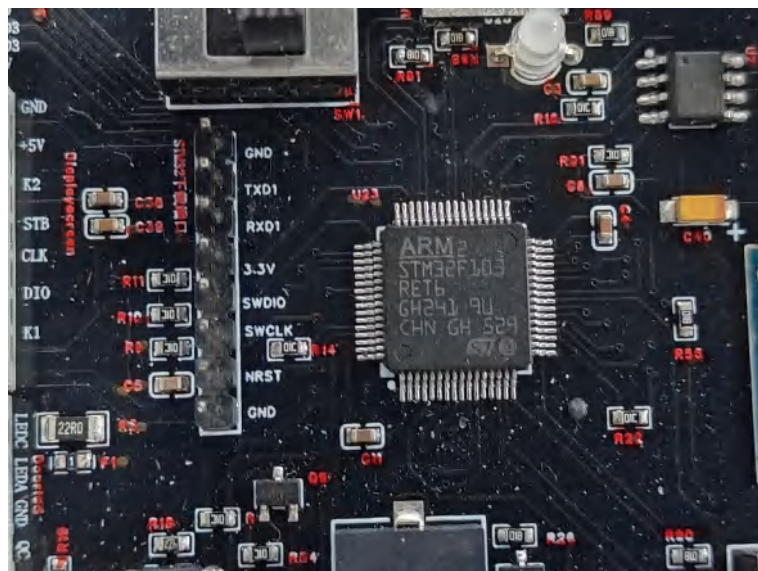
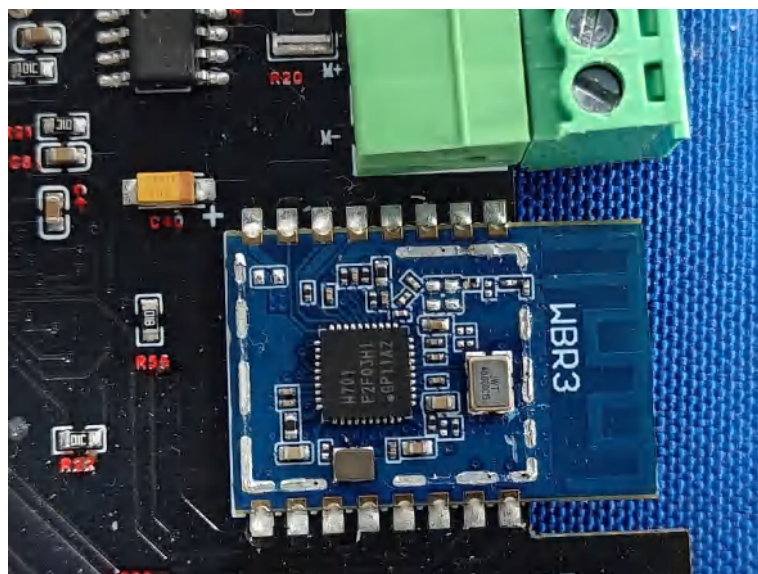
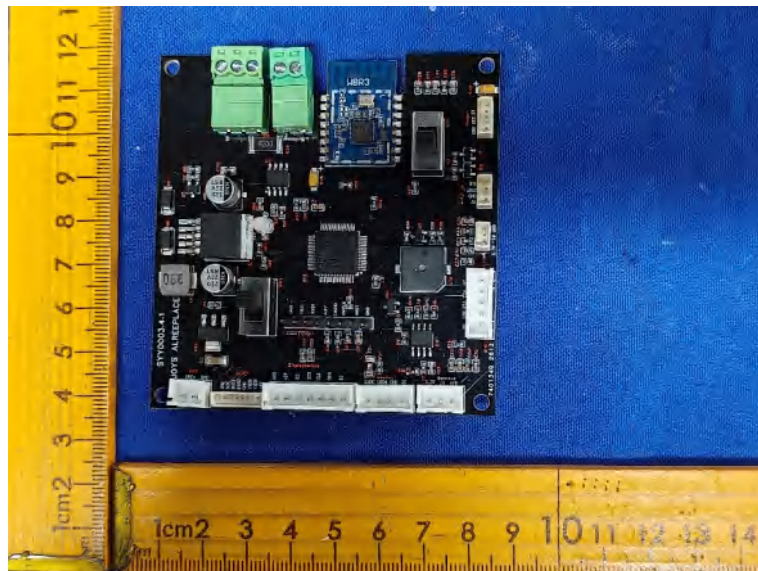


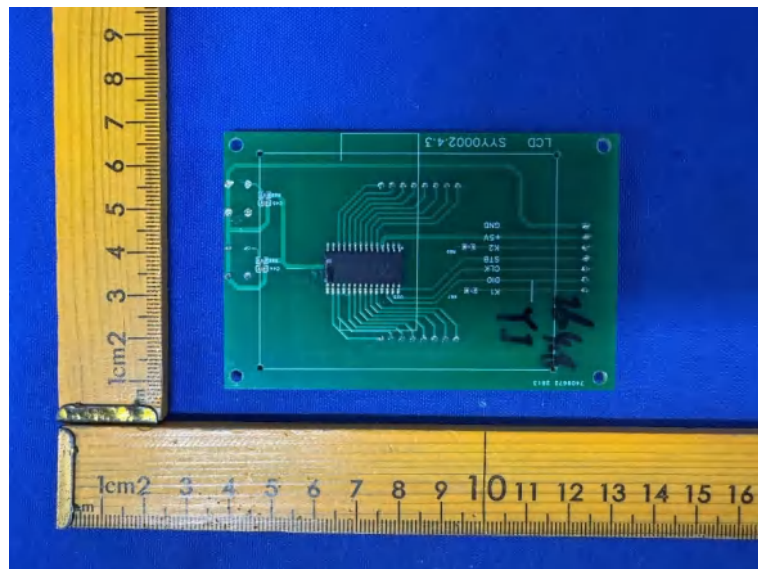
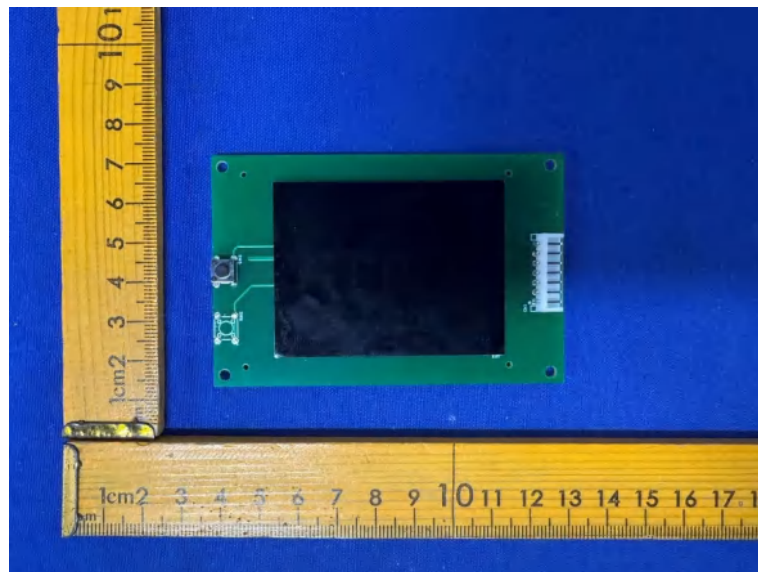
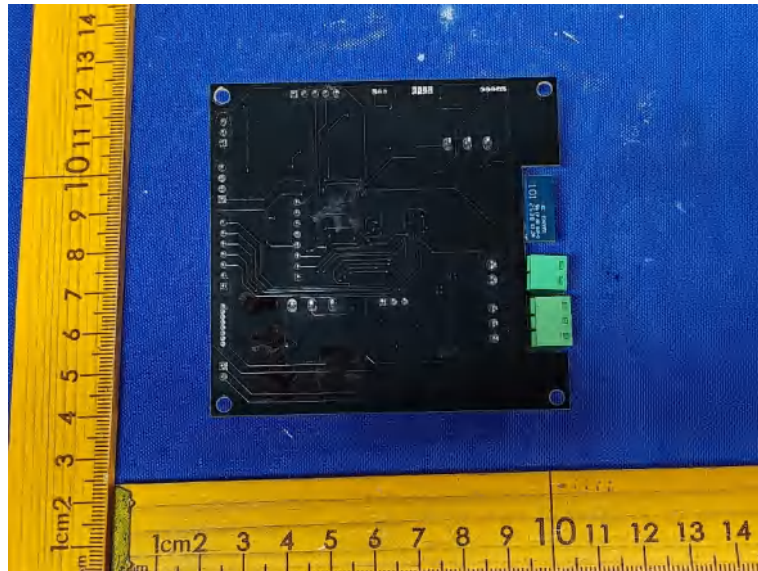


Internal Photos

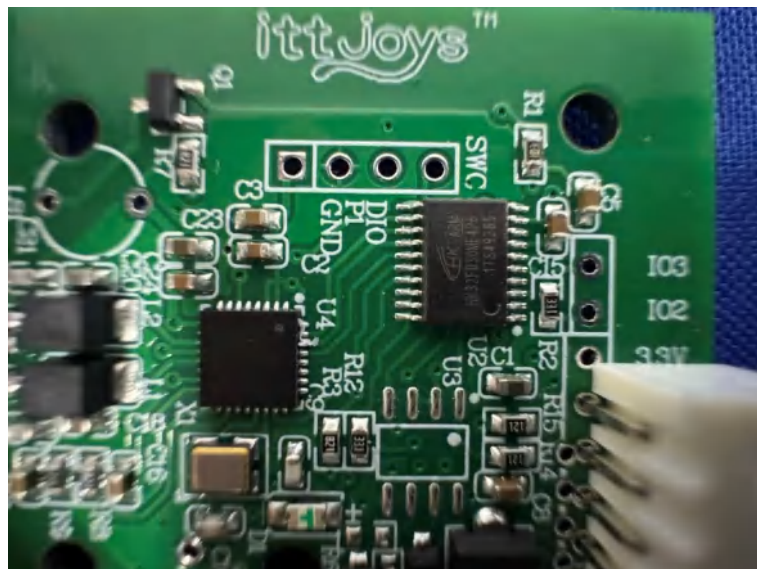
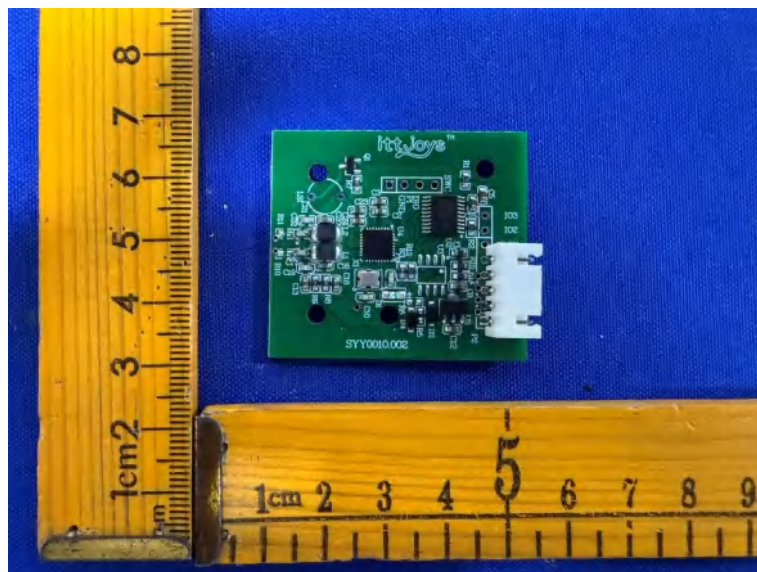
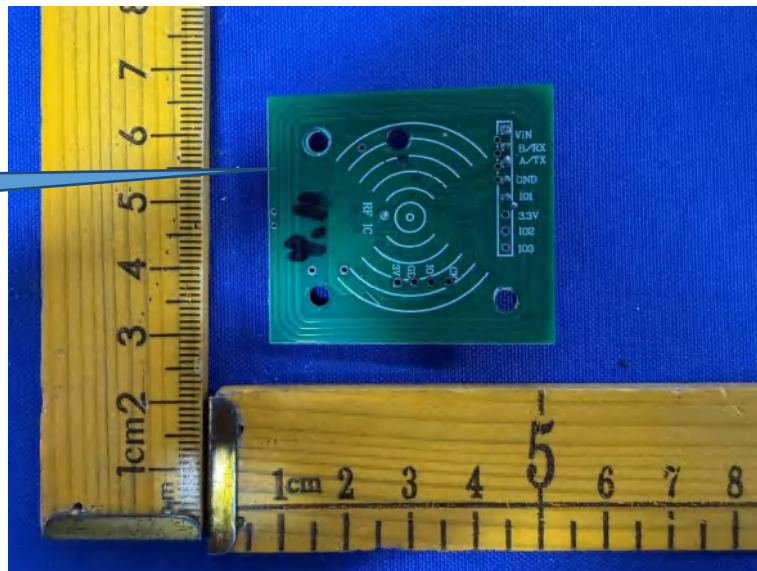


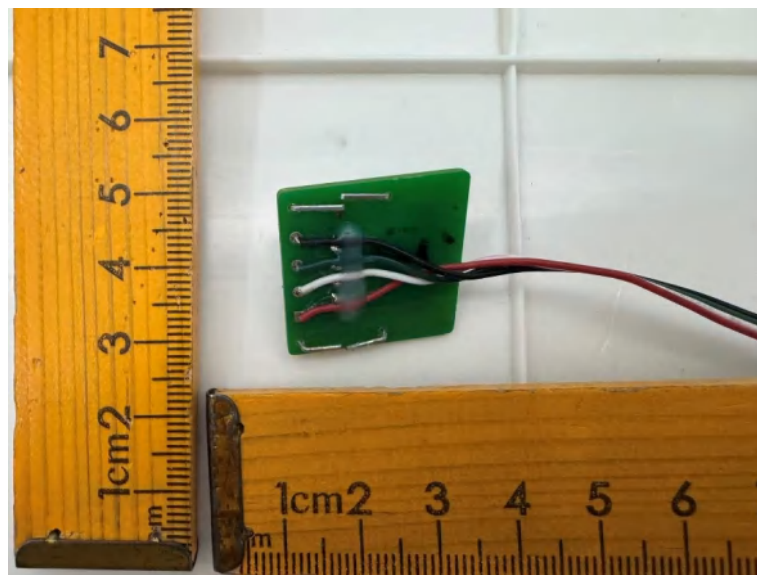
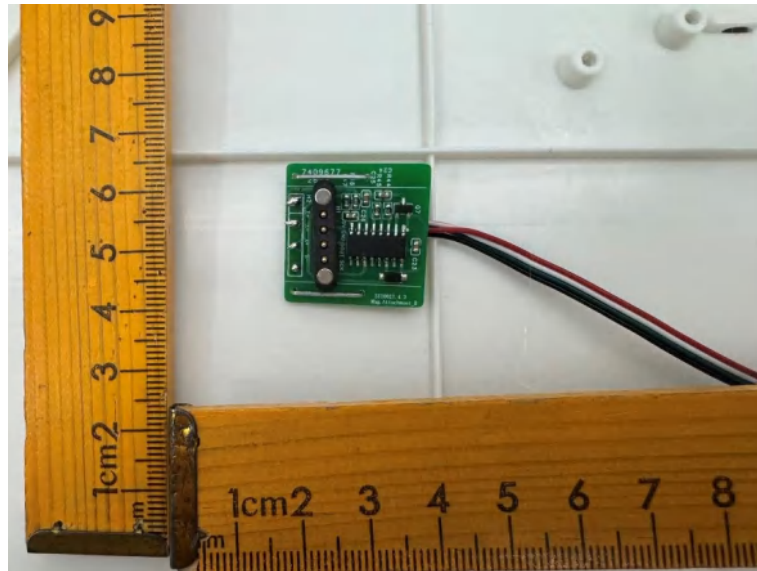






Loop Antenna





***** End of Report *****