


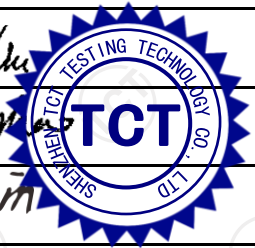


TEST REPORT

Test Report No..... :	TCT230508E002	
Date of issue..... :	May 25, 2023	
Testing laboratory	Shenzhen TCT Testing Technology Co., Ltd.	
Testing location/ address:	2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China	
Applicant's name..... :	LINKCOM MANUFACTURING CO., LTD	
Address..... :	Building 1, No.21 Huanqi Avenue, Qishi Town Dongguan Guangdong Sheng China	
Manufacturer's name ... :	LINKCOM MANUFACTURING CO., LTD	
Address..... :	Building 1, No.21 Huanqi Avenue, Qishi Town Dongguan Guangdong Sheng China	
Standard(s)	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01)	
Product Name..... :	wireless charging pad	
Trade Mark	N/A	
Model/Type reference..... :	OPP130, OPP002	
Rating(s)..... :	DC 5V(Adapter input AC 230 V/ 50 Hz)	
Date of receipt of test item	May 08, 2023	
Date (s) of performance of test..... :	May 08, 2023 - May 25, 2023	
Tested by (+signature) ... :	Rleo LIU	
Check by (+signature).... :	Beryl ZHAO	
Approved by (+signature):	Tomsin	



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1. General Product Information

1.1. EUT description

Product Name.....:	wireless charging pad
Model/Type reference.....:	OPP130
Operation Frequency	115.38kHz – 150.64kHz
Test Frequency.....:	137.60kHz
Modulation Technology	Load modulation
Operational Mode.....:	Mode 4: energy transmission
Antenna Type.....:	Inductive loop coil Antenna
Rating(s).....:	DC 5V(Adapter input AC 230 V/ 50 Hz)

1.2. Model(s) list

No.	Model No.	Tested with
1	OPP130	<input checked="" type="checkbox"/>
Other models	OPP002	<input type="checkbox"/>

Note: OPP130 is tested model, other models are derivative models. The models are identical in circuit and PCB layout, only different on the model names. So the test data of OPP130 can represent the remaining models.

2. Test Result Summary

EMI Test				
Test Item	Test Requirement	Test Method	Application	Result
Radiated Emission	ETSI EN301 489-1	EN 55032	Enclosure	PASS
Conducted Emission	ETSI EN301 489-1	EN 55032	AC port	PASS
Harmonic Current Emissions	ETSI EN301 489-1	EN 61000-3-2	AC port	N/A
Voltage Fluctuations and Flicker	ETSI EN301 489-1	EN 61000-3-3	AC port	N/A
EMS Test				
ESD (Electrostatic Discharge)	ETSI EN301 489-1	EN 61000-4-2	Enclosure	PASS
Radiated Immunity	ETSI EN301 489-1	EN 61000-4-3	Enclosure	PASS
EFT (Electrical Fast Transients)	ETSI EN301 489-1	EN 61000-4-4	AC port	N/A
Surge Immunity	ETSI EN301 489-1	EN 61000-4-5	AC port	N/A
Injected Currents	ETSI EN301 489-1	EN 61000-4-6	AC port	N/A
Voltage Dips and Interruptions	ETSI EN301 489-1	EN 61000-4-11	AC port	N/A
Note:				
1 Pass: Test item meets the requirement.				
2. N/A: Test case does not apply to the test object.				
3. The test result judgment is decided by the limit of test standard.				

3. General Information

3.1. Test environment and mode

Item	Normal condition
Temperature	+25°C
Voltage	DC 5V(Adapter input AC 230 V/ 50 Hz)
Humidity	55%
Atmospheric Pressure:	1008 mbar
Test Mode:	
TM1	Wireless Charging(15 W)

3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
Adapter	EP-TA200	R37M4PR3QD1SE3	/	SAMSUNG
Coil Load	/	/	/	/

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

3.3. Test Instruments List

Equipment	Manufacturer	Model No.	Serial No.	Cal. Due
Disturbance voltage at mains terminals				
EMI Test Receiver	R&S	ESCI3	100898	2023/07/03
Line Impedance Stabilisation Newtork(LISN)	Schwarzbeck	NSLK 8126	8126453	2024/02/20
Attenuator	N/A	10 dB	164080	2023/07/03
Radiated emission (30 MHz to 1 GHz)				
Broadband Antenna	Schwarzbeck	VULB9163	340	2023/07/05
EMI Test Receiver	R&S	ESIB7	100197	2023/07/03
Pre-amplifier	HP	8447D	2727A05017	2023/07/03
Electrostatic discharge immunity (ESD)				
Electrostatic Discharge Generator	HAEFELY	PESD300	H012056	2023/07/01
Radiated, radio-frequency, electromagnetic field immunity (RS)				
Antenna	SKET	STLP 9129_Plus	/	/
Signal Generator	Agilent	N5181A	MY50141997	2024/02/20
Amplifier	SKET	HAP_80M01 G-250W	/	2024/02/23
Amplifier	SKET	HAP_01G03 G-75W	202104180	2023/07/03
Amplifier	SKET	HAP_03G06 G-80W	202004044	2023/07/03
Field Probe	Narda	EP-601	811ZX01057	2023/07/05
USB Power Sensor	Agilent	U2000A	MY53410013	2024/02/21
USB Power Sensor	Agilent	U2001A	MZ54330012	2024/02/21

4. Facilities and Accreditations

4.1. Facilities

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

- FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

4.2. Location

Shenzhen TCT Testing Technology Co., Ltd.

Address: 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: +86-755-27673339

4.3. 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 %.

No.	Item	MU
1	Temperature	$\pm 0.1^\circ\text{C}$
2	Humidity	$\pm 1.0 \%$
3	Spurious Emissions, Conducted	$\pm 3.10 \text{ dB}$
4	All Emissions, Radiated (30 MHz to 1 GHz)	$\pm 4.56 \text{ dB}$
5	All Emissions, Radiated (1 GHz to 6 GHz)	$\pm 4.22 \text{ dB}$

5. Emission Test

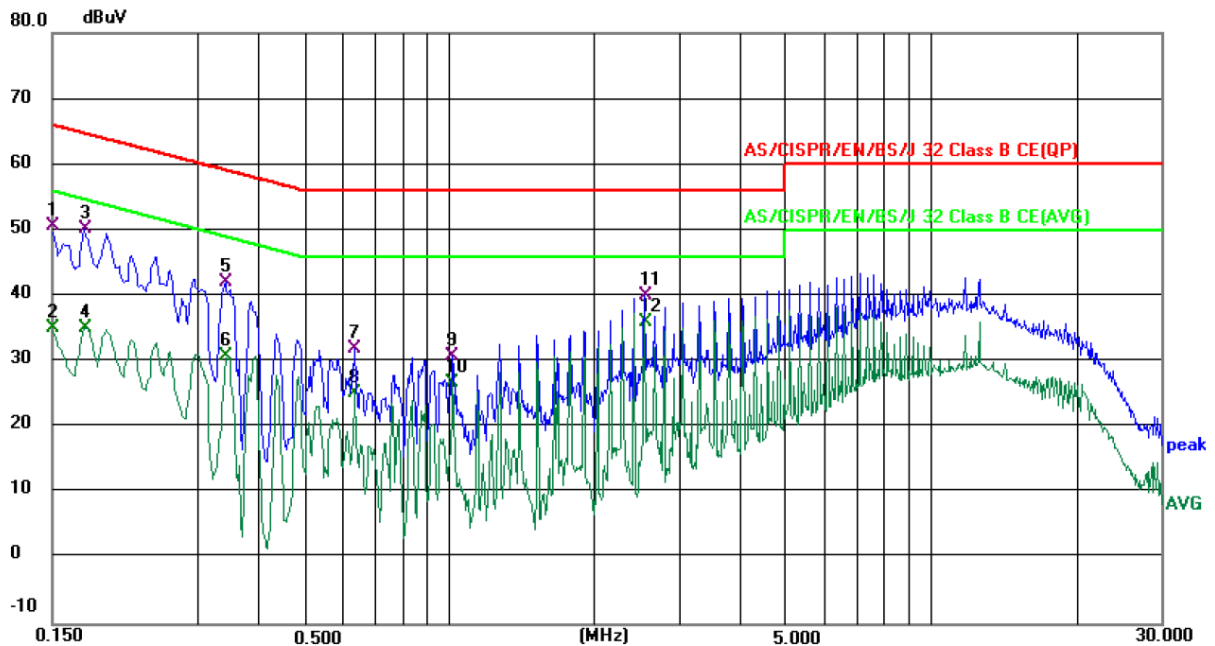
5.1. Conducted Emission

5.1.1. Test Specification

Test Requirement:	ETSI EN 301 489-1		
Test Method:	EN 55032		
Test Frequency Range:	150kHz to 30MHz		
Class / Severity: Class B	Class B		
Receiver Setup:	RBW=9kHz, VBW=30kHz		
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 Setup:	<p>Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p>		
Test Procedure	<p>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to EN55032 Class B on conducted measurement.</p>		
Test Instrument:	Refer to section 3.3 for details		
Test Mode:	Refer to section 3.1 for details		
Test Results:	PASS		

5.1.2. Test Data

Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)



Site 844 Shielding Room

Phase: **L1**

Temperature: 23.5 (°C)

Humidity: 52 %

Limit: AS/CISPR/EN/BS/J 32 Class B CE(QP)

Power: DC 5 V(Adapter Input AC 230 V/50 Hz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	40.58	10.11	50.69	66.00	-15.31	QP	
2		0.1500	25.11	10.11	35.22	56.00	-20.78	AVG	
3		0.1740	40.01	10.13	50.14	64.77	-14.63	QP	
4		0.1740	25.03	10.13	35.16	54.77	-19.61	AVG	
5		0.3420	32.09	9.95	42.04	59.15	-17.11	QP	
6		0.3420	20.97	9.95	30.92	49.15	-18.23	AVG	
7		0.6380	22.63	9.32	31.95	56.00	-24.05	QP	
8		0.6380	15.90	9.32	25.22	46.00	-20.78	AVG	
9		1.0180	21.92	8.96	30.88	56.00	-25.12	QP	
10		1.0180	17.89	8.96	26.85	46.00	-19.15	AVG	
11		2.5460	30.07	10.02	40.09	56.00	-15.91	QP	
12	*	2.5460	26.05	10.02	36.07	46.00	-9.93	AVG	

Note:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = LISN factor + Cable loss

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

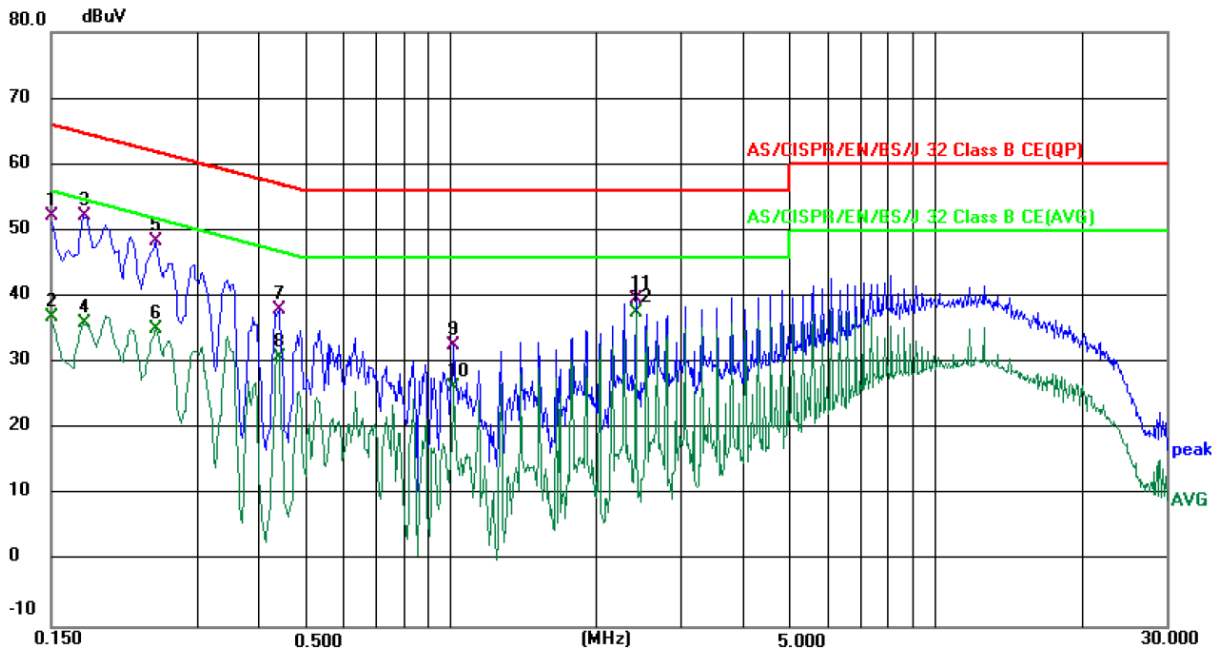
Margin (dB) = Measurement (dBuV) – Limits (dBuV)

Q.P. =Quasi-Peak

AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)



Site 844 Shielding Room

Phase: **N**

Temperature: 23.5 (°C)

Humidity: 52 %

Limit: AS/CISPR/EN/BS/J 32 Class B CE(QP)

Power: DC 5 V(Adapter Input AC 230 V/50 Hz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	42.21	10.09	52.30	66.00	-13.70	QP	
2		0.1500	26.81	10.09	36.90	56.00	-19.10	AVG	
3		0.1739	42.11	10.11	52.22	64.77	-12.55	QP	
4		0.1739	25.81	10.11	35.92	54.77	-18.85	AVG	
5		0.2459	38.37	9.95	48.32	61.89	-13.57	QP	
6		0.2459	25.06	9.95	35.01	51.89	-16.88	AVG	
7		0.4420	28.51	9.51	38.02	57.02	-19.00	QP	
8		0.4420	21.29	9.51	30.80	47.02	-16.22	AVG	
9		1.0180	23.61	8.97	32.58	56.00	-23.42	QP	
10		1.0180	17.44	8.97	26.41	46.00	-19.59	AVG	
11		2.4140	29.52	10.04	39.56	56.00	-16.44	QP	
12	*	2.4140	27.49	10.04	37.53	46.00	-8.47	AVG	

Note:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = LISN factor + Cable loss

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

Q.P. =Quasi-Peak

AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

5.2. Radiated Emission

5.2.1. Test Specification

Test Requirement:	ETSI EN 301 489-1				
Test Method:	EN 55032				
Test Frequency Range:	30MHz to 6GHz				
Test Site:	Measurement Distance: 3m				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak Average	1MHz 1MHz	3MHz 10Hz	Peak Value Average Value
Limit:	Frequency		Limit (dBuV/m @3m)		Remark
	30MHz-230MHz		40.0		Quasi-peak Value
	230MHz-1GHz		47.0		Quasi-peak Value
	1GHz-6GHz		54.0 74.0		Average Value Peak Value
Test Setup:	Below 1GHz				
Test Setup:	Above 1GHz				
For 3m distance description:					

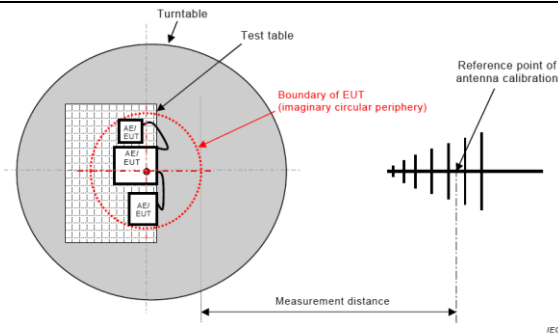


Figure C.1 – Measurement distance

Test Procedure:

From 30MHz to 1GHz:

1. The radiated emissions test was conducted in a semi-anechoic chamber.
2. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
3. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emissions spectrum plots of the EUT.
4. The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

Above 1GHz:

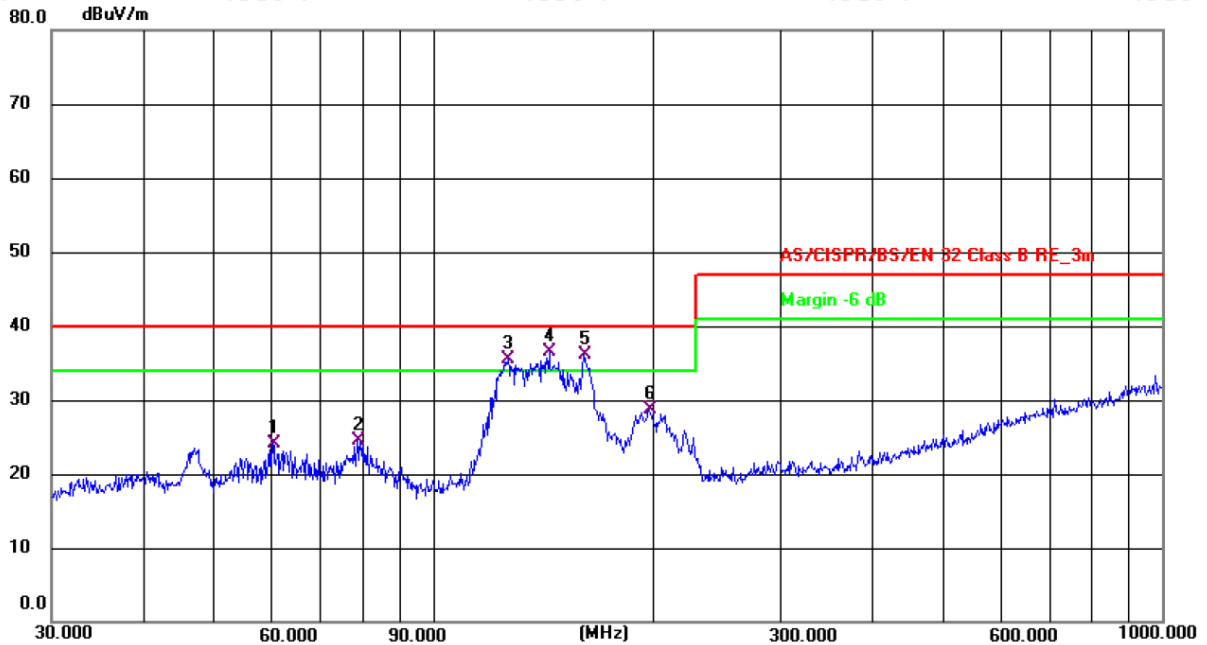
1. The radiated emissions test was conducted in a fully-anechoic chamber.
2. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
3. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum plots of the EUT.
4. The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

Test Instrument:	Refer to section 3.3 for details
Test Mode:	Refer to section 3.1 for details
Test Results:	PASS



5.2.2. Test Data

Radiated Emission In Horizontal (30MHz----1000MHz)



Site #2 3m Anechoic Chamber Polarization: **Horizontal** Temperature: 25.8(C) Humidity: 53 %

Limit: AS/CISPR/BS/EN 32 Class B RE_3m

Power: AC 230 V/50 Hz

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	60.2801	10.89	13.25	24.14	40.00	-15.86	QP	P	
2	78.6887	14.21	10.27	24.48	40.00	-15.52	QP	P	
3 !	126.7723	21.80	13.62	35.42	40.00	-4.58	QP	P	
4 *	144.3347	21.87	14.59	36.46	40.00	-3.54	QP	P	
5 !	160.9089	21.20	14.93	36.13	40.00	-3.87	QP	P	
6	197.8928	17.78	10.85	28.63	40.00	-11.37	QP	P	

Note:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

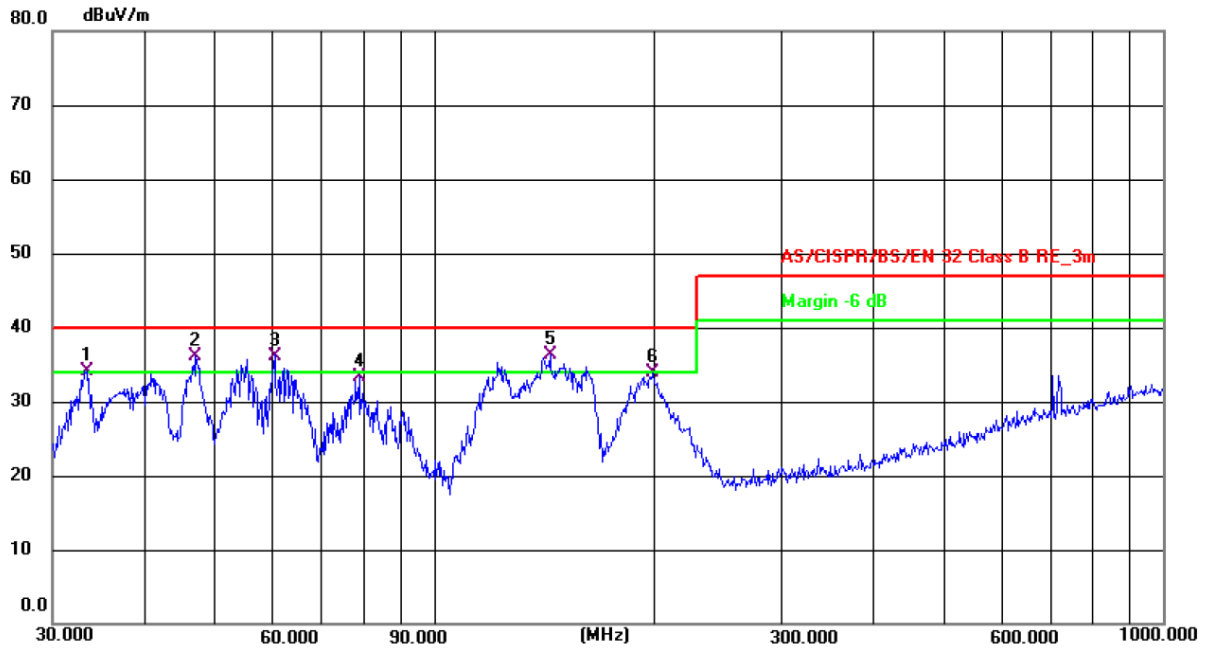
Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

* is meaning the worst frequency has been tested in the test frequency range

Radiated Emission In Vertical (30MHz----1000MHz)



Site #2 3m Anechoic Chamber Polarization: **Vertical** Temperature: 25.8(C) Humidity: 53 %

Limit: AS/CISPR/BS/EN 32 Class B RE_3m Power: AC 230 V/50 Hz

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 !	33.4448	20.68	13.38	34.06	40.00	-5.94	QP	P	
2 !	47.1597	22.34	13.74	36.08	40.00	-3.92	QP	P	
3 !	60.4917	23.02	13.18	36.20	40.00	-3.80	QP	P	
4	78.9651	23.11	10.23	33.34	40.00	-6.66	QP	P	
5 *	144.3346	21.71	14.59	36.30	40.00	-3.70	QP	P	
6	199.9855	23.03	10.95	33.98	40.00	-6.02	QP	P	

Note:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

* is meaning the worst frequency has been tested in the test frequency range

5.3. Harmonic Current Emissions

5.3.1. Test Specification

Test Result:	EUT is supplied by DC, Not applicable
--------------	---------------------------------------

5.4. Flicker and Voltage Fluctuation

5.4.1. Test Specification

Test result:	EUT is supplied by DC, Not applicable
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6. Immunity Test

6.1. Performance Criteria

Performance Criteria of ETSI EN 301 489-1, sub clause 6

Criteria	Performance Criteria
CT/CR	During and after the test, the apparatus shall continue to operate as intended. No degradation of performance or loss of function is allowed below a permissible performance level specified by the manufacturer when the apparatus is used as intended. In some cases this permissible performance level may be replaced by a permissible loss of performance.
TT/TR	After the test, the apparatus shall continue to operate as intended. No degradation of performance or loss of function is allowed below a permissible performance level specified by the manufacturer, when the apparatus is used as intended. In some cases this permissible performance level may be replaced by a permissible loss of performance.

Performance Criteria of ETSI EN 301 489-3, sub clause 6

Criteria	Performance Criteria
CT/CR	For equipment with primary function type I or II including ancillary equipment tested on a stand alone basis, the performance criteria A of the applicable device type as given in clause 6.3 shall apply. For equipment with primary function type II or III that requires a communication link that is maintained during the test, it shall be verified by appropriate means supplied by the manufacturer that the communication link is maintained during each individual exposure in the test sequence. Where the EUT is a transmitter, tests shall be repeated with the EUT in standby mode to ensure that any unintentional transmission does not occur. Where the EUT is a transceiver, under no circumstances shall the transmitter operate unintentionally during the test.
TT/TR	For equipment with primary function type I or II, including ancillary equipment tested on a stand alone basis, the performance criteria B of the applicable device type as given in clause 6.3 shall apply, except for power interruptions exceeding a certain time the performance criteria deviations are specified in clause 7.2.2. For equipment with primary function type II or III that requires a communication link that is maintained during the test, this shall be verified by appropriate means supplied by the manufacturer during each individual exposure in the test sequence. Where the EUT is a transmitter, tests shall be repeated with the EUT in standby mode to ensure that any unintentional transmission does not occur. Where the EUT is a transceiver, under no circumstances shall the transmitter operate unintentionally during the test.

6.2. Surges

6.2.1. Test Specification

Test result:	EUT is supplied by DC, Not applicable
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6.3. Electrical Fast Transient (EFT)

6.3.1. Test Specification

Test result:	EUT is supplied by DC, Not applicable
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6.4. Radio-frequency Continuous Conducted (CS)

6.4.1. Test Specification

Test result:	EUT is supplied by DC, Not applicable
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6.5. Voltage Dips and Voltage Interruption

6.5.1. Test Specification

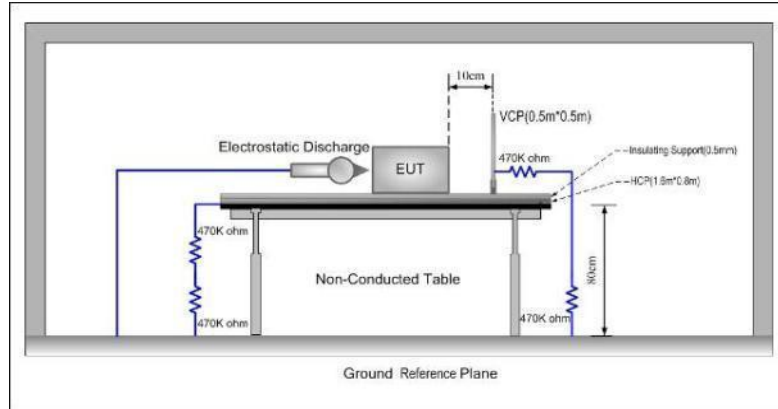
Test result:	EUT is supplied by DC, Not applicable
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6.6. Electrostatic Discharge

6.6.1. Test Specification

Test Requirement:	EN 301489-1
Test Method:	EN 61000-4-2
Discharge Voltage:	Contract Discharge: $\pm 2\text{kV}$, $\pm 4\text{kV}$ Air Discharge: $\pm 2\text{kV}$, $\pm 4\text{kV}$, $\pm 8\text{kV}$ HCP/VCP: $\pm 2\text{kV}$, $\pm 4\text{kV}$
Polarity:	Positive & Negative
Number of Discharge:	Contact Discharge: Minimum 25 times at each test point, Air Discharge: Minimum 10 times at each test point.
Discharge Mode:	Single Discharge
Discharge Period:	1 second minimum

Test Setup:



Test Procedure:

1) Air discharge:

The test was applied on non-conductive surfaces of EUT. The round discharge tip of the discharge electrode was approached as fast as possible to touch the EUT. After each discharge, the discharge electrode was removed from the EUT. The generator was re-triggered for a new single discharge and repeated 10 times for each pre-selected test point. This procedure was repeated until all the air discharge completed

2) Contact Discharge:

The test was applied on conductive surfaces of EUT. the generator was re-triggered for a new single discharge and repeated 10 times for each pre-selected test point. the tip of the discharge electrode was touch the EUT before the discharge switch was operated.

3) Indirect discharge for horizontal coupling plane

At least 10 single discharges shall be applied at the front edge of each HCP opposite the centre point of each unit of the EUT and 0.1m from the front of the EUT. The long axis of the discharge electrode shall be in the plane of the HCP and perpendicular to its front edge during the discharge. Consideration should be given to exposing all sides of the EUT.

4) Indirect discharge for vertical coupling plane

At least 10 single discharges were applied to the centre of one vertical edge of the coupling plane. The coupling plane, of dimensions 0.5m X 0.5m, was placed parallel to, and positioned at a distance of 0.1m from the EUT. Discharges were applied to the coupling plane, with this plane in sufficient different positions that the four faces of the EUT are completely illuminated.

Test Instrument:

Refer to Section 3.3 for Details

Test Mode:

Refer to Section 3.1 for Details

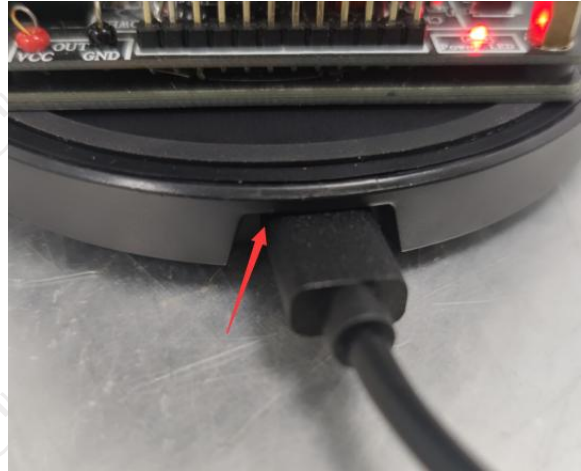
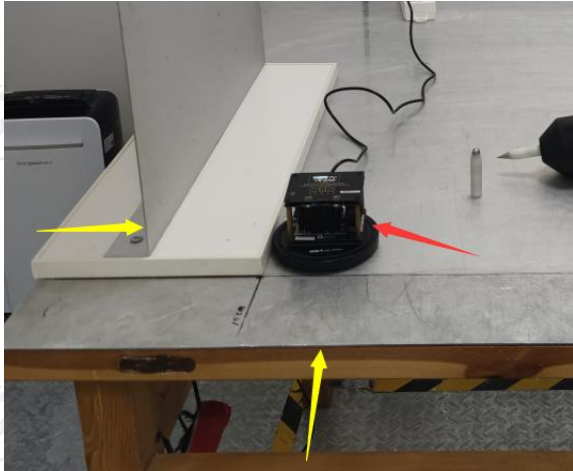
Test Results:

PASS

6.6.2. Test data

Test points:		I: Please refer to red arrows as below plots		
		II: Please refer to yellow arrows as below plots		
Air Discharge				
Discharge Voltage (KV)	Type of discharge	Test points	Observation Criterion	Result
± 2, ± 4	Contact	II	N/A	N/A
± 2, ± 4, ± 8	Air	I	A	PASS
Indirect Discharge				
Discharge Voltage (KV)	Type of discharge	Test points	Observation Criterion	Result
± 2, ± 4	HCP-Bottom/Top/ Front/Back/Left/ Right	Edge of the HCP	A	PASS
± 2, ± 4	VCP-Front/Back/ /Left/Right	Centre of the VCP	A	PASS

Test point as follows:



6.7. Radio-frequency Electromagnetic Field Amplitude Modulated (RS)

6.7.1. Test Specification

Test Requirement:	ETSI EN 301 489-1
Test Method:	EN 61000-4-3
Frequency Range:	80MHz to 6.0GHz
Test Level:	3V/m
Modulation:	80%, 1kHz Amplitude Modulation
Test Setup:	
Test Procedure:	<ol style="list-style-type: none"> 1. For table-top equipment, the EUT was placed in the chamber on a non-conductive table 0.8m high. For arrangement of floor-standing equipment, the EUT was mounted on a non-conductive support 0.1m above the supporting plane. For human body-mounted equipment, the EUT may be tested in the same manner as table top items. 2. If possible, a minimum of 1 m of cable is exposed to the electromagnetic field. Excess length of cables interconnecting units of the EUT shall be bundled low-inductively in the approximate centre of the cable to form a bundle 30 cm to 40 cm in length. 3. The EUT was initially placed with one face coincident with the calibration plane. The EUT face being illuminated was contained within the UFA (Uniform Field Area). 4. The frequency ranges to be considered were swept with the signal modulated and pausing to adjust the RF signal level or to switch oscillators and antennas as necessary. Where the frequency range was swept incrementally, the step size was not exceeding 1 % of the preceding frequency value. 5. The dwell time of the amplitude modulated carrier at each frequency was not be less than the time necessary for the EUT to be exercised and to respond, and was not less than 0,5 s.

	<p>6. The test normally was performed with the generating antenna facing each side of the EUT.</p> <p>7. The polarization of the field generated by each antenna necessitates testing each selected side twice, once with the antenna positioned vertically and again with the antenna positioned horizontally.</p> <p>The EUT was performed in a configuration to actual installation conditions, a video camera and/or audio monitor were used to monitor the performance of the EUT.</p>
Test Instrument:	Refer to Section 3.3 for Details
Test Mode:	Refer to Section 3.1 for Details
Test Result:	PASS

6.7.2. Test data

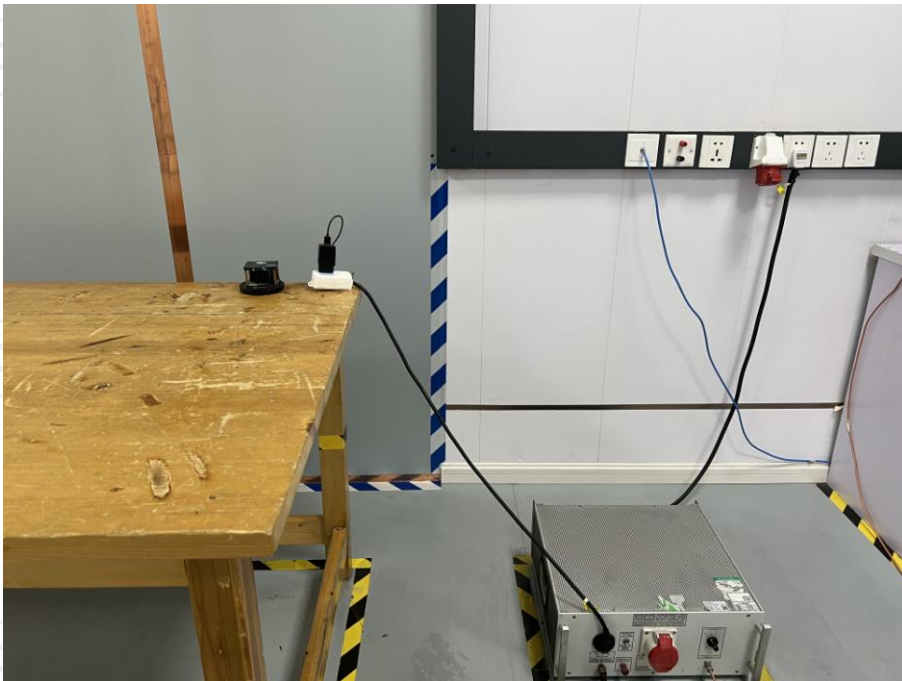
Frequency	Level	Modulation	Antenna Polarization	EUT Face	Observation Criterion
80MHz-6.0GHz	3 V/m	1 kHz, 80 % Amp. Mod, 1 % increment, dwell time=3 seconds	V	Front	A
			H		
			V	Rear	
			H		
			V	Left	
			H		
			V	Right	
			H		
			V	Top	
			H		
			V	Bottom	
			H		

7. Photographs of Test Configuration

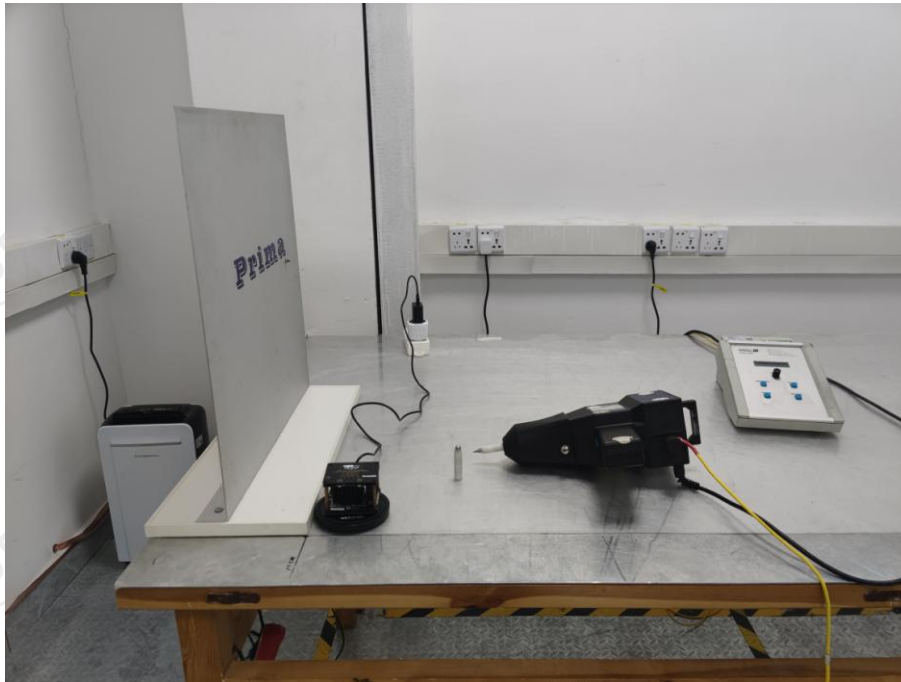
Radiated Emission



CE



ESD



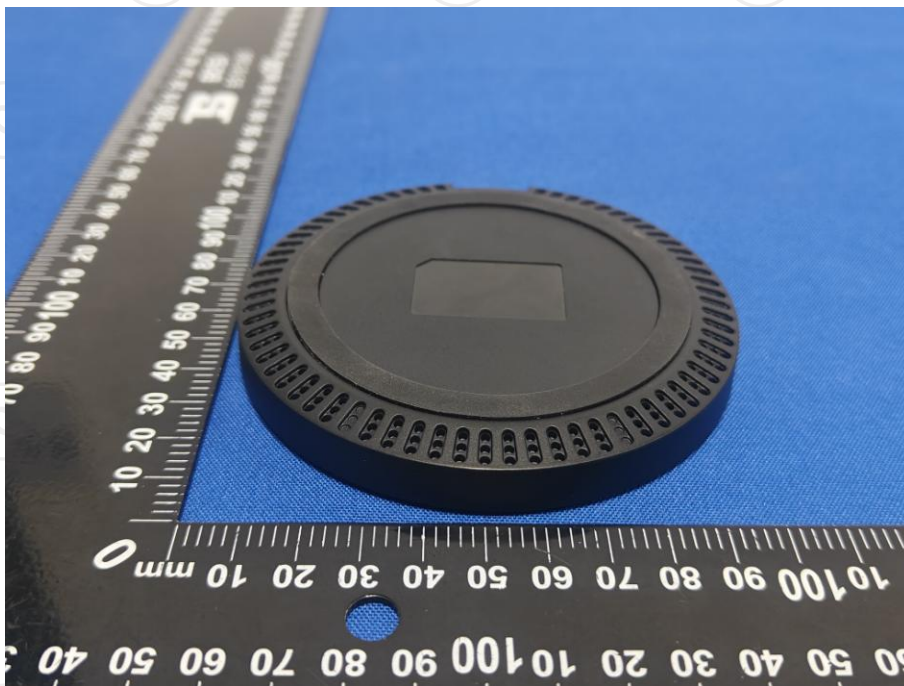
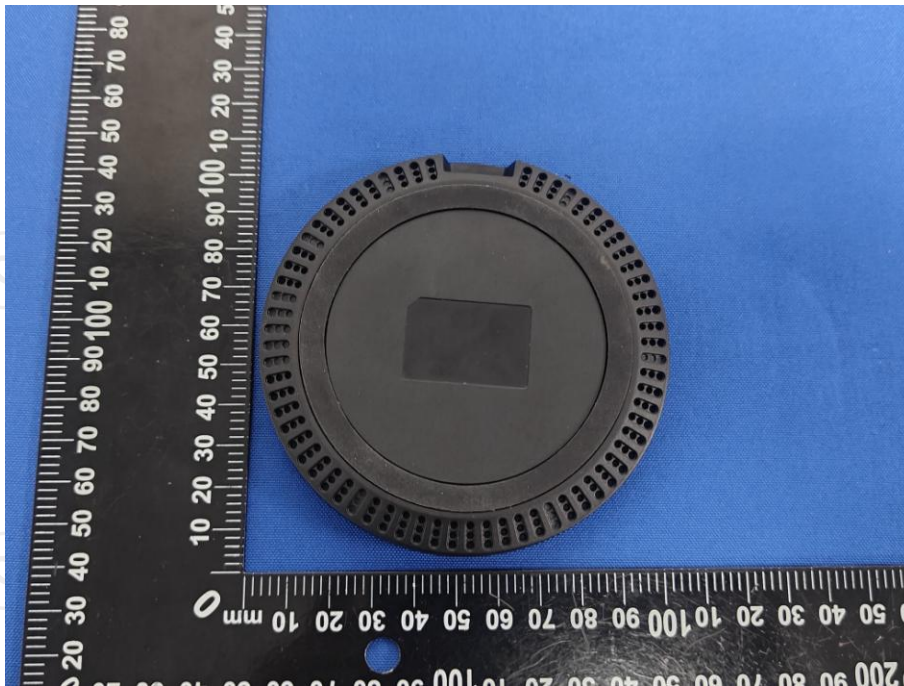
RS

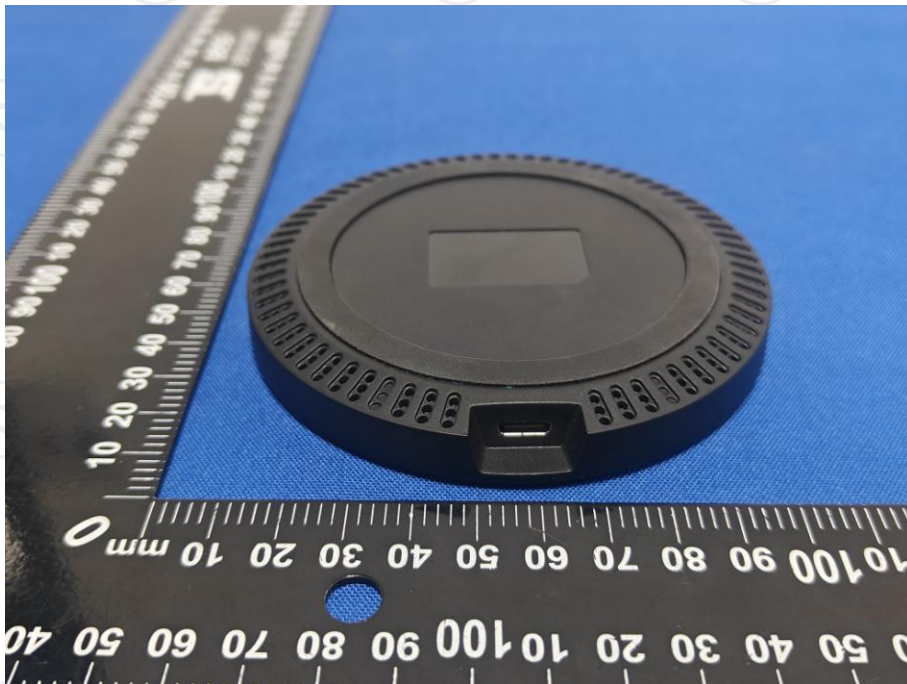
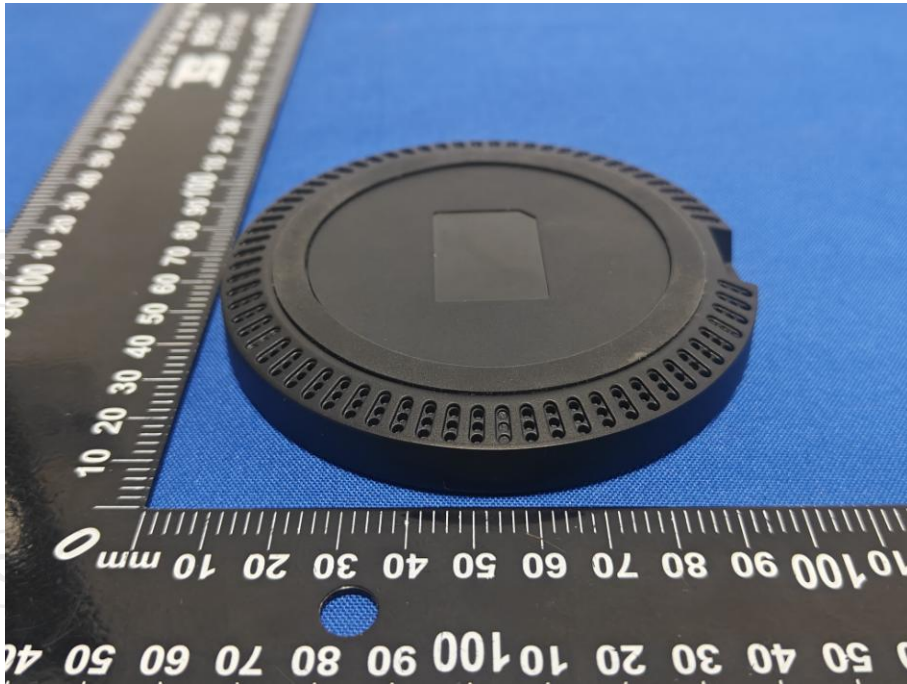


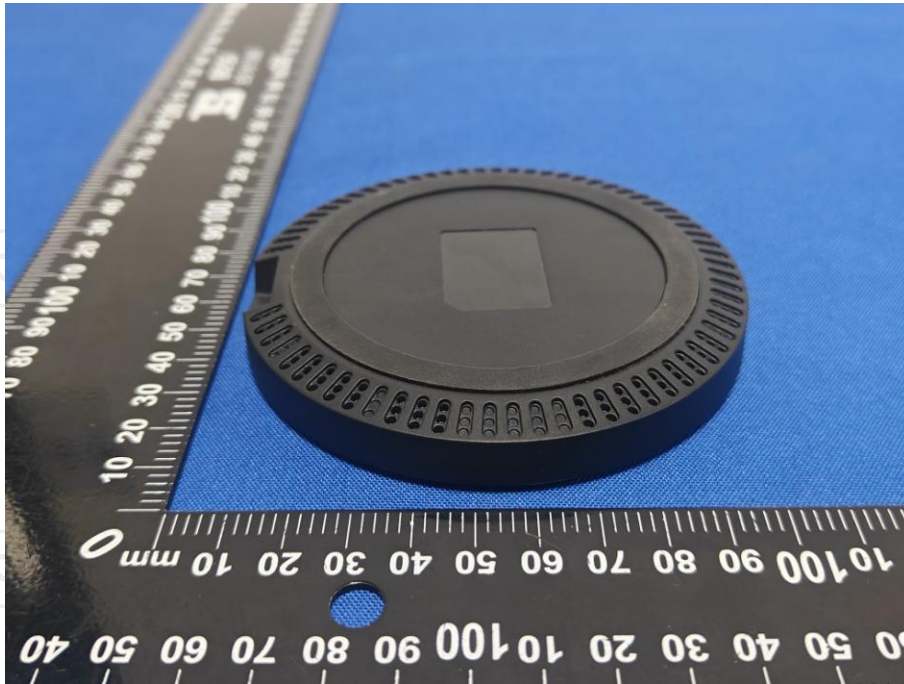
8. Photographs of EUT

Outside View

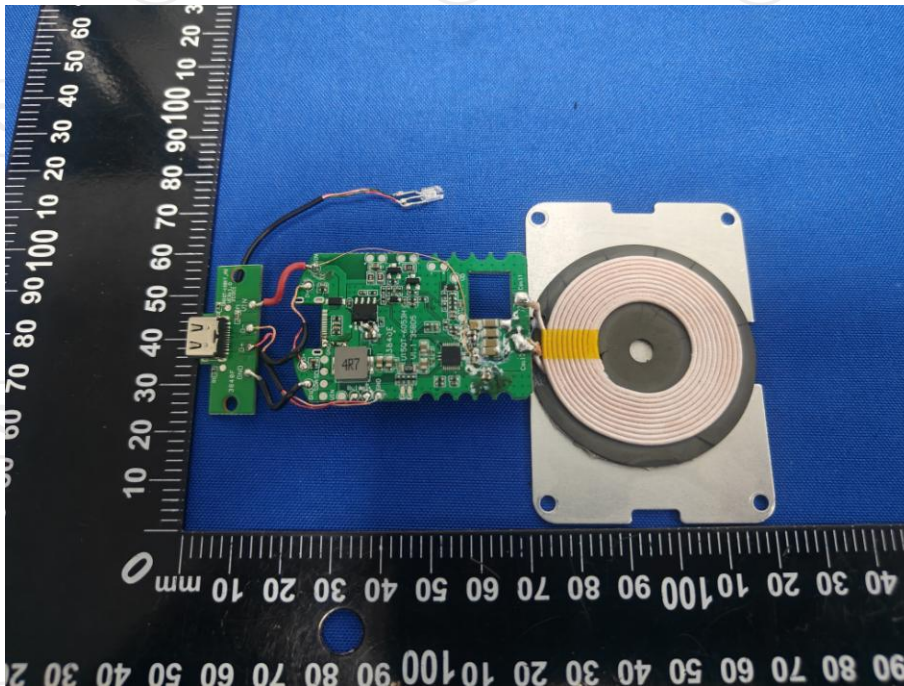
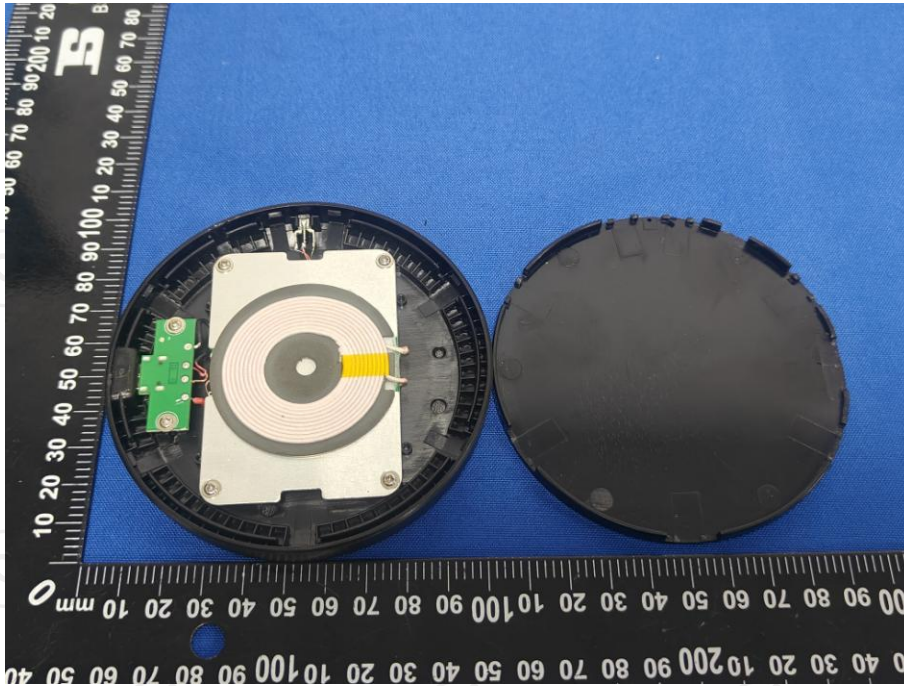


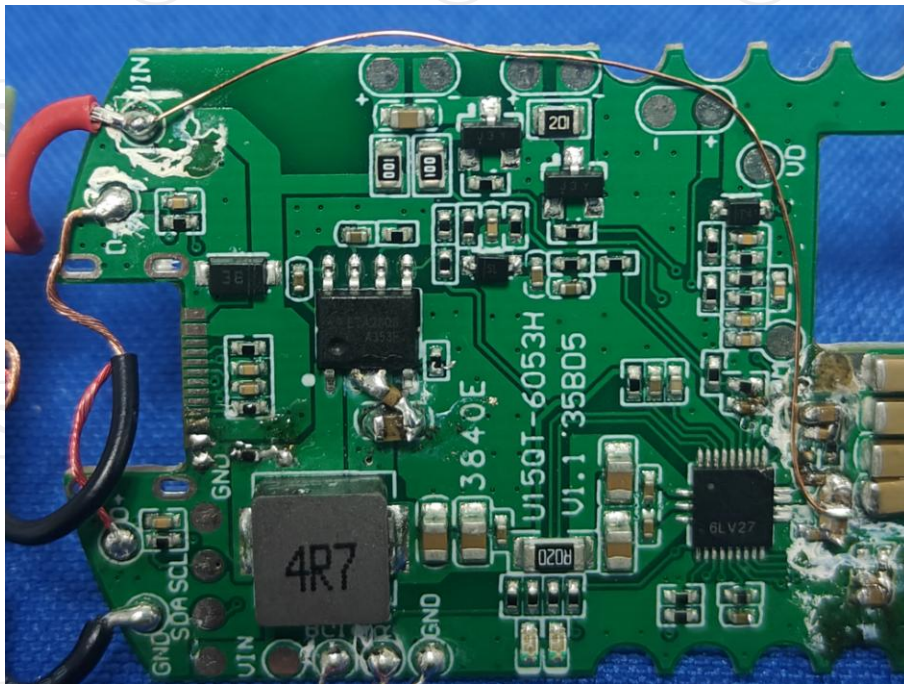
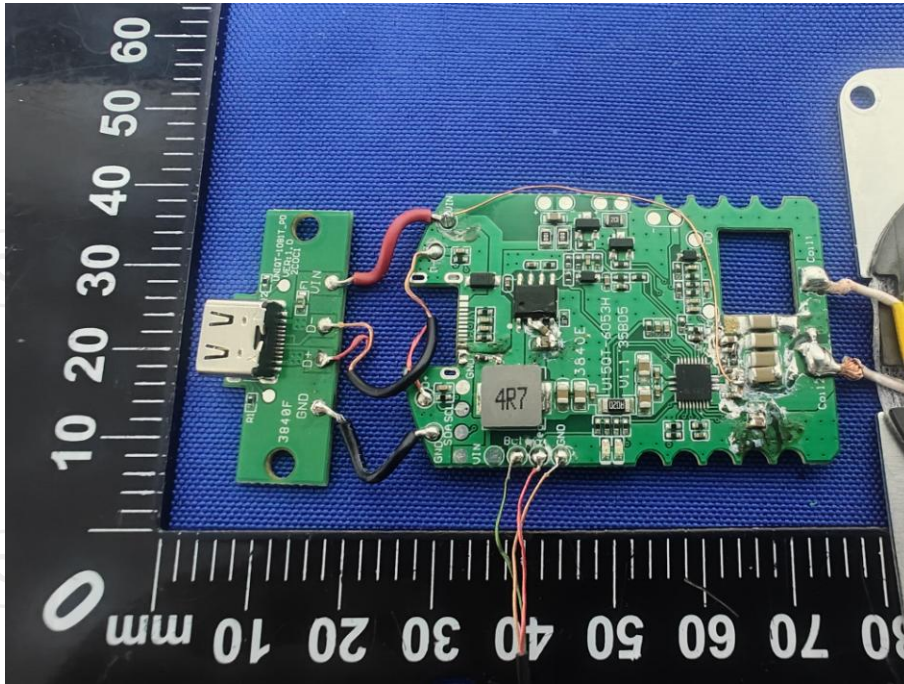


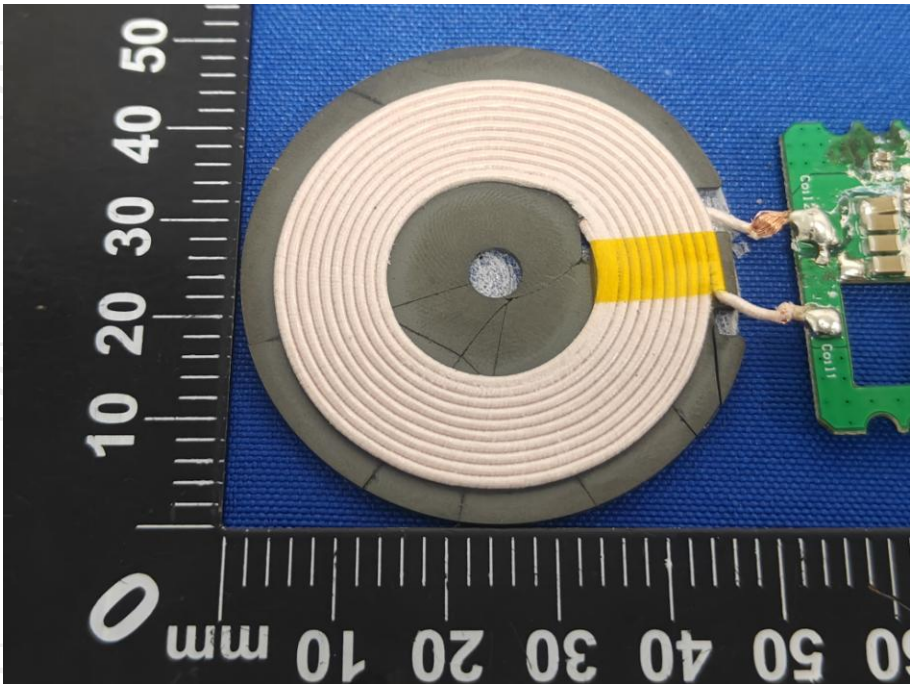
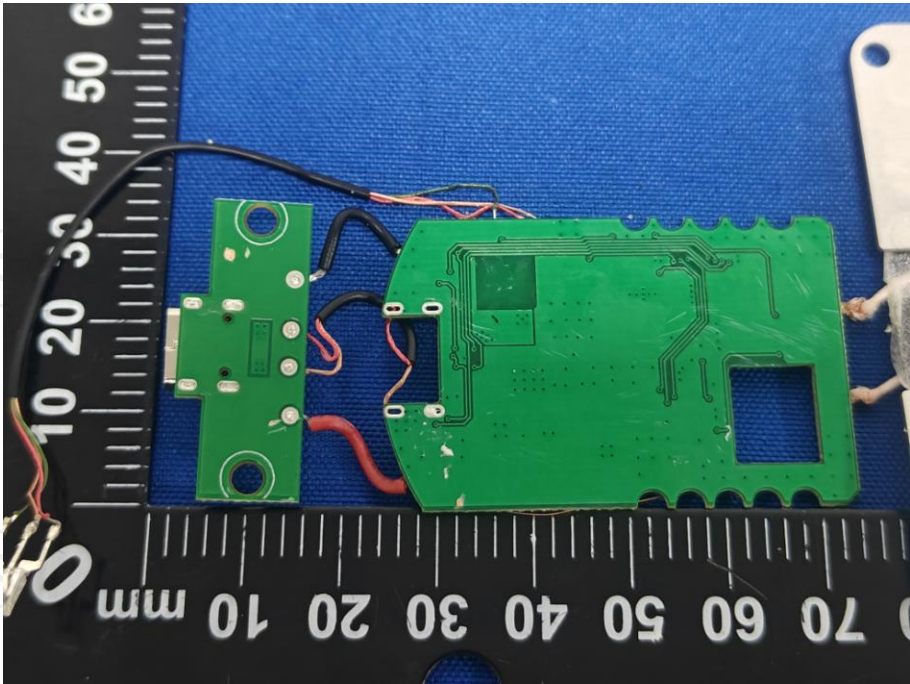


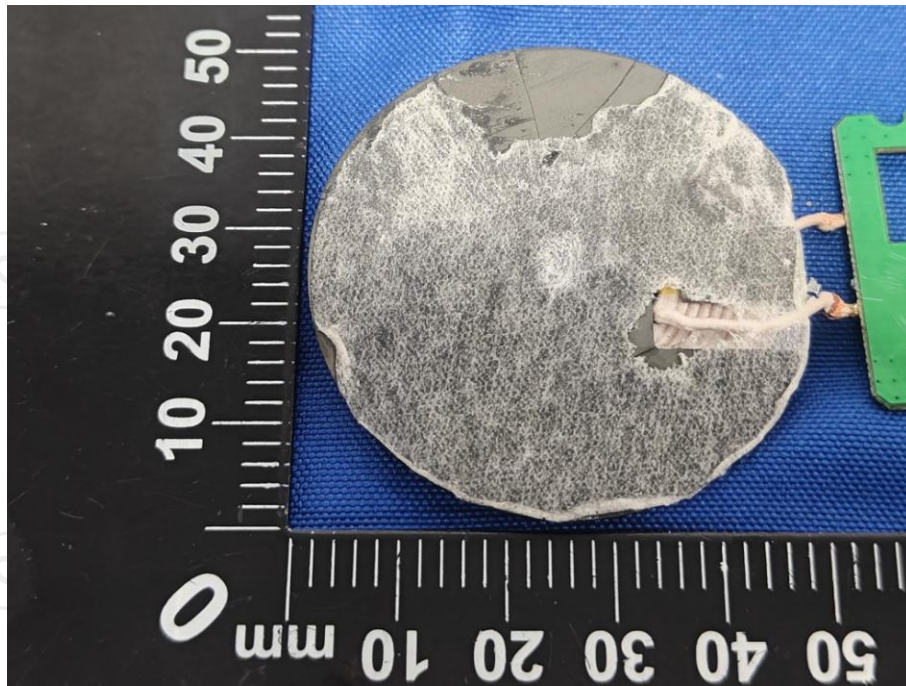


Inside View









*******END OF REPORT*******