

Test Report issued under the responsibility of:

Itestek Testing Co., Ltd. (Dongguan)



TEST REPORT	
Report number	ITA26B06001047W 002
Test date	2026-06-10 to 2026-07-01
Issue date	2026-07-16
Total number of pages	12
Standard/according to	KDB 680106 D01 Wireless Power Transfer v04
Testing laboratory	Itestek Testing Co., Ltd.(Dongguan)
Address	Floor 6, Building 3, Innovation Port of Hanyuwan, Liyuan Road, Tangwei, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Template version	V2.0
Tested by	Tom Zhang 
Checked by	Oliver Qiao 
Approved by	Rock Huang 
	
Applicant's name	Shenzhen Autige Technology Co., Ltd
Address	3rd Floor, Building A, Zhaofeng Industrial Zone, No. 3 Hangkong Road, Hangcheng Street, Baoan District, 518126, Shenzhen, China
Manufacturer's name.....	Shenzhen Autige Technology Co., Ltd
Address	3rd Floor, Building A, Zhaofeng Industrial Zone, No. 3 Hangkong Road, Hangcheng Street, Baoan District, 518126, Shenzhen, China
Factory's name	Shenzhen Autige Technology Co., Ltd
Address	3rd Floor, Building A, Zhaofeng Industrial Zone, No. 3 Hangkong Road, Hangcheng Street, Baoan District, 518126, Shenzhen, China
Trade mark	N/A
Product description.....	25W Magnetic Wireless Charger
Model/Type reference.....	W76A, W76B, W76C
Ratings.....	Input: 5Vdc 3A, 9Vdc 3A, 12Vdc 3A, 15Vdc 3A PPS: 5V-21Vdc, 2A Wireless charging output: 5W, 7.5W, 10W, 15W, 25W
FCC ID	2A5UA-W76C
Test result.....	Pass

VERSION

Revision History of Report

Report No.	Version	Description	Issue Date
ITA26B06001047W 002	Rev.01	Initial report	2026-07-01

1. GENERAL TEST INFORMATION

1.1 DESCRIPTION OF EUT

Details of technical specification refer to the description in follows:

Product:	25W Magnetic Wireless Charger
Model Number:	W76C
Additional Model:	W76A, W76B
Different:	All models are identical, except model name.
Frequency Range:	110.1kHz-205kHz, 360kHz
Modulation Technique:	ASK
Antenna Type:	Coil Antenna
Antenna Gain:	0 dBi
Temperature Range:	-20°C ~ +35°C
Hardware version:	V1.0
Software version:	V1.0

1.2 TEST MODES

Test Modes:	
Mode 1	AC Mains + Mobile phone charging mode for output 5W (110.1k-205kHz) (Battery Status: ≤1%)
Mode 2	AC Mains + Mobile phone charging mode for output 5W (110.1k-205kHz) (Battery Status: 50%)
Mode 3	AC Mains + Mobile phone charging mode for output 5W (110.1k-205kHz) (Battery Status: ≥99%)
Mode 4	AC Mains + Mobile phone charging mode for output 7.5W (110.1k-205kHz) (Battery Status: ≤1%)
Mode 5	AC Mains + Mobile phone charging mode for output 7.5W (110.1k-205kHz) (Battery Status: 50%)
Mode 6	AC Mains + Mobile phone charging mode for output 7.5W (110.1k-205kHz) (Battery Status: ≥99%)
Mode 7	AC Mains + Mobile phone charging mode for output 10W (110.1k-205kHz) (Battery Status: ≤1%)
Mode 8	AC Mains + Mobile phone charging mode for output 10W (110.1k-205kHz) (Battery Status: 50%)
Mode 9	AC Mains + Mobile phone charging mode for output 10W (110.1k-205kHz) (Battery Status: ≥99%)
Mode 10	AC Mains + Mobile phone charging mode for output 15W (110.1k-205kHz) (Battery Status: ≤1%)
Mode 11	AC Mains + Mobile phone charging mode for output 15W (110.1k-205kHz) (Battery Status: 50%)
Mode 12	AC Mains + Mobile phone charging mode for output 15W (110.1k-205kHz) (Battery Status: ≥99%)
Mode 13	AC Mains + Mobile phone charging mode for output 25W (360kHz) (Battery Status: ≤1%)
Mode 14	AC Mains + Mobile phone charging mode for output 25W (360kHz) (Battery Status: 50%)
Mode 15	AC Mains + Mobile phone charging mode for output 25W (360kHz) (Battery Status: ≥99%)
Note: All modes have been tested, and only the most severe test data is presented.	

1.3 AUXILIARY EQUIPMENT

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	Load	Apple	Iphone 17	--	--
2	Power supply	Autige	PD power 45W	--	--

2. RF EXPOSURE TEST

2.1 MEASURING STANDARD

KDB 680106 D01 Wireless Power Transfer v04

2.2 LIMITS

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

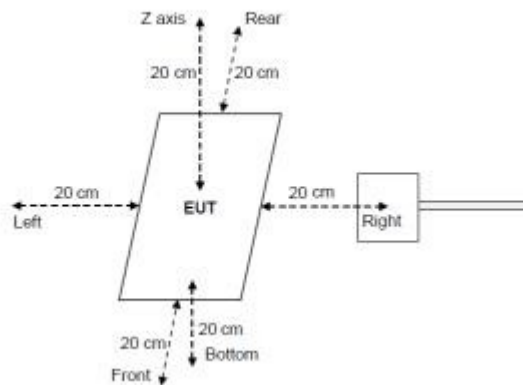
Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

F=frequency in MHz
 * = Plane-wave equivalent power density
 RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310 (use the 300kHz limits for 150kHz: 614V/m, 1.63A/m).

2.3 TEST SETUP

For mobile exposure conditions:



2.4 TEST PROCEDURE

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (20 cm from all sides and 20 cm from the top) which is between the edge of the charger and the geometric center of probe.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.

Remark: The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

2.5 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	Uncertainty
1	E-field	14.72%
2	H-field	15.48%
3	Temperature	±0.5°C
4	Humidity	±2%

Decision Rule

- ☒ Uncertainty is not included
- ☐ Uncertainty is included

2.6 TEST INSTRUMENTS LIST

Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Next Cal.
Near-field Electric and Electric Field Sensor System	Schmid & Partner Engineering AG	MAGPy-8H3D + E3D V2	3127	2025-09-09	2026-09-08
Near-field Electric and Electric Field Sensor System	Schmid & Partner Engineering AG	MAGPy-DASV2	3121	2025-09-09	2026-09-08

2.7 TEST RESULT

H-Filed Strength at 20 cm from the edges surrounding the EUT (360kHz)

Test Mode	Unit	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	50% Limits (A/m)	Limits (A/m)	test result
Mode 13	(A/m)	0.02	0.02	0.04	0.02	0.02	0.01	0.815	1.63	PASS

E-Filed Strength at 20 cm from the edges surrounding the EUT (360kHz)

Test Mode	Unit	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	50% Limits (V/m)	Limits (V/m)	test result
Mode 13	(V/m)	1.48	0.81	0.58	0.37	0.51	0.49	307	614	PASS

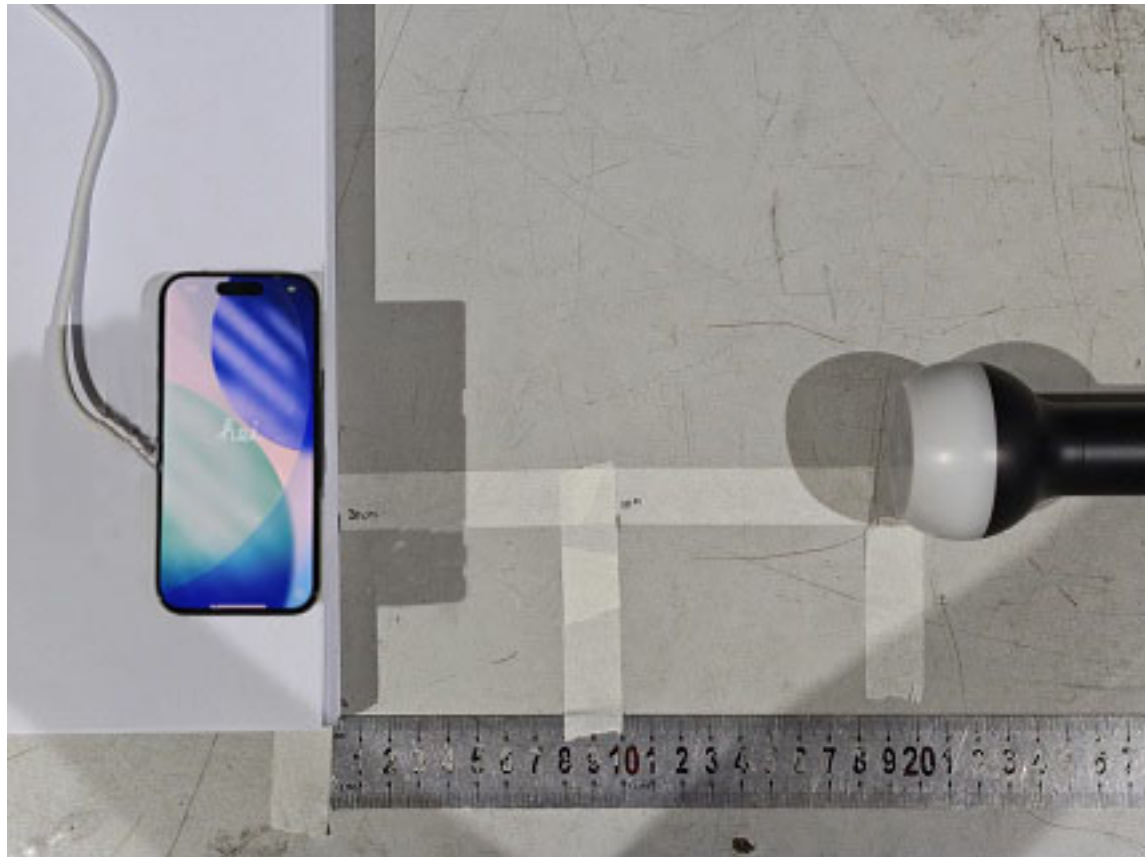
H-Filed Strength at 20 cm from the edges surrounding the EUT (110.1k-205kHz)

Test Mode	Unit	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	50% Limits (A/m)	Limits (A/m)	test result
Mode 10	(A/m)	0.01	0.02	0.01	0.04	0.02	0.02	0.815	1.63	PASS

E-Filed Strength at 20 cm from the edges surrounding the EUT (110.1k-205kHz)

Test Mode	Unit	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	50% Limits (V/m)	Limits (V/m)	test result
Mode 10	(V/m)	0.94	0.72	0.49	0.29	0.47	0.41	307	614	PASS

2.8 TEST PHOTO

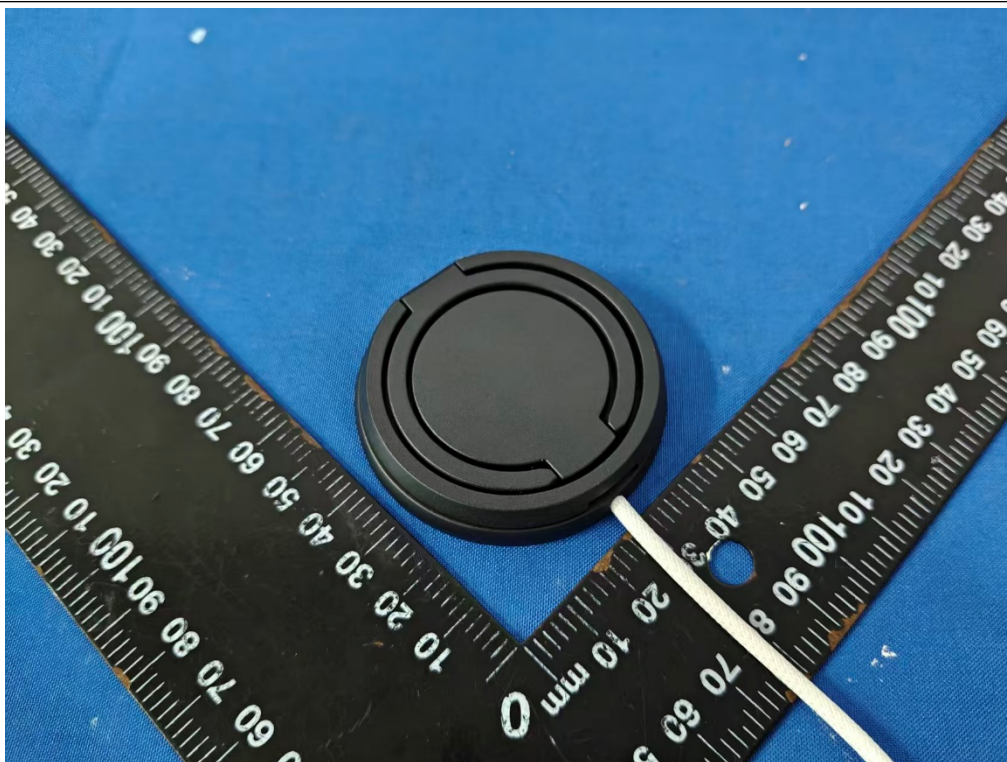


3. PHOTOS OF EUT

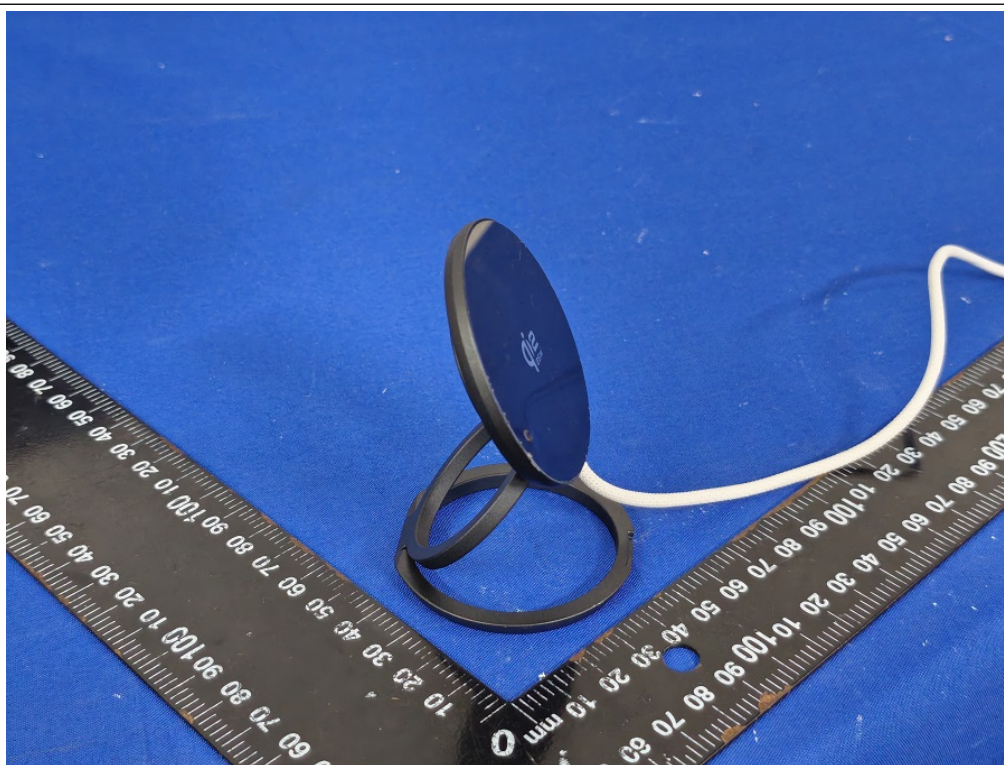
Details of: External view



Details of: External view



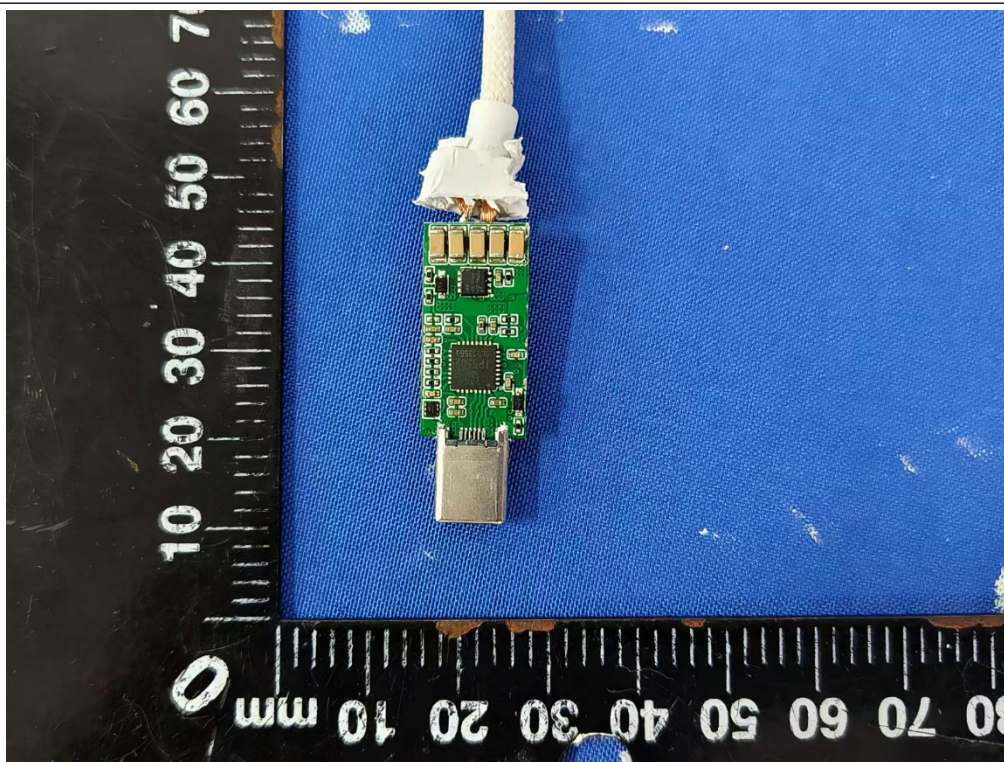
Details of: External view



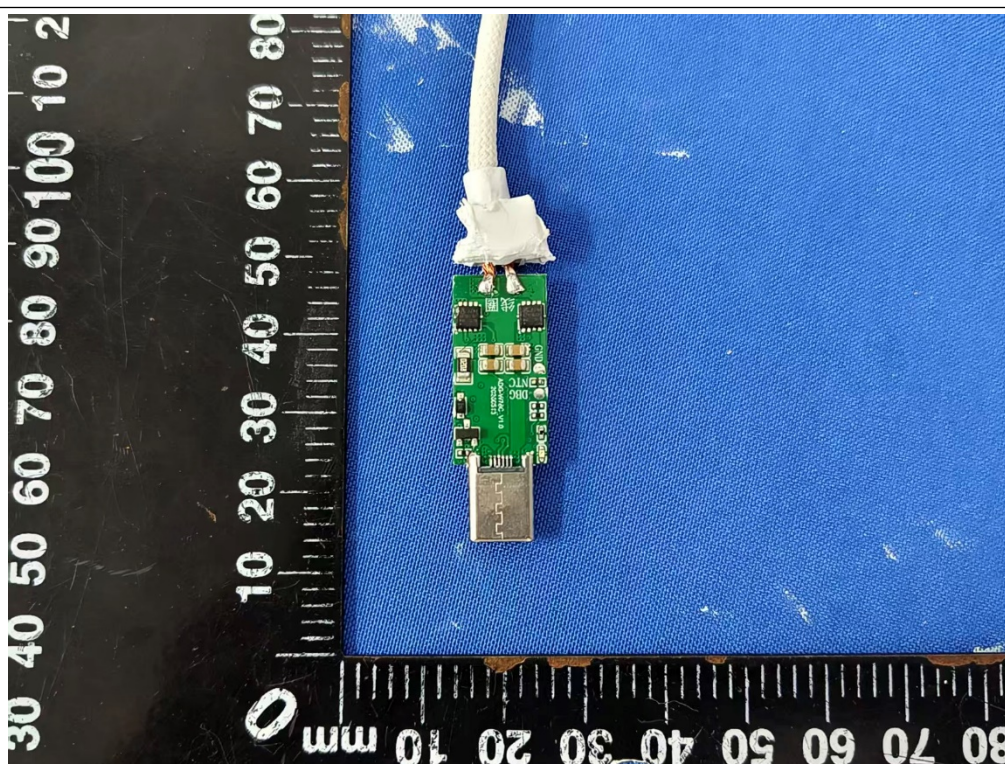
Details of: External view



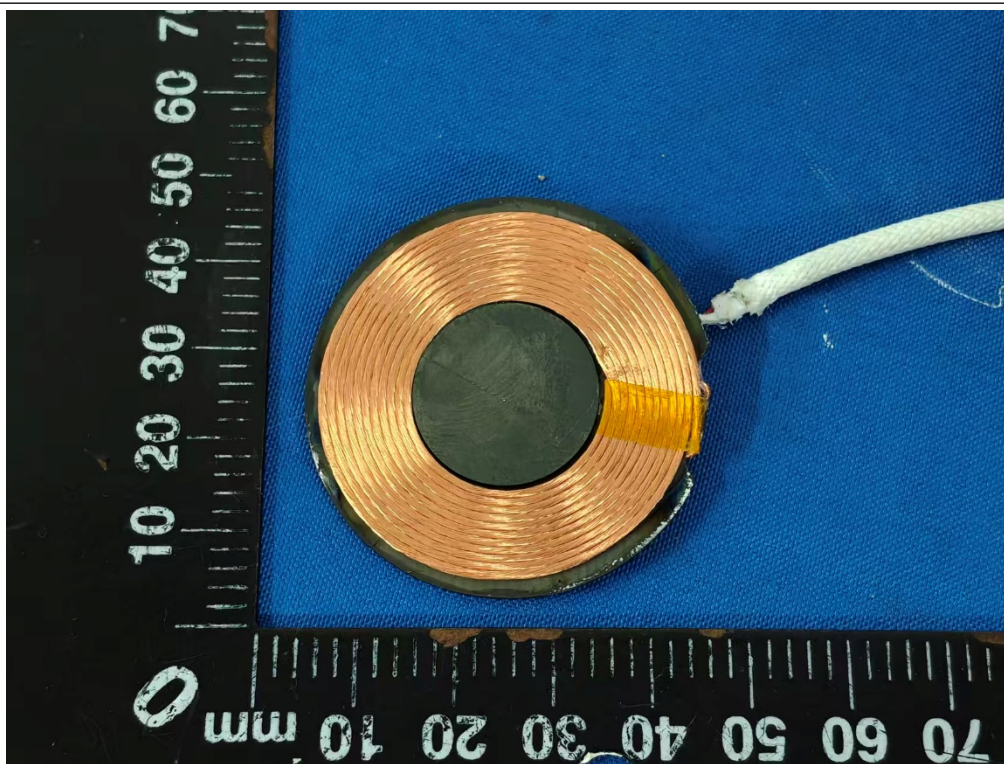
Details of: PCB view



Details of: PCB view



Details of: Wireless charging winding view



END OF REPORT