

RF EXPOSURE REPORT

Applicant: Shenzhen Kaihuo Energy Technology Co., Ltd.

Address of Applicant: Guanghong Center, Pinghu, Longgang District, Shenzhen City, Guangdong Province

Manufacturer/Factory: Shenzhen Kaihuo Energy Technology Co., Ltd.

Address of Manufacturer/Factory: Guanghong Center, Pinghu, Longgang District, Shenzhen City, Guangdong Province

Equipment Under Test (EUT)

Product Name: Wireless charging phone holder

Model No.: K5, K3,K3S,K5S,K13

Trade Mark: N/A

FCC ID: 2BQ95-K5

Applicable standards : FCC CFR Title 47 Part 1 §1.1307
FCC CFR Title 47 Part 1 §1.1310
FCC CFR Title 47 Part 2 §2.1091
KDB 680106 D01 Wireless Power Transfer v04

Date of sample receipt: Jul. 22, 2025

Date of Test: Jul. 22, 2025 to Aug. 06, 2025

Date of report issued: Aug. 06, 2025

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

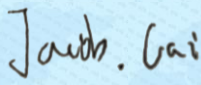
Robinson Luo
Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

2 Version

Version No.	Date	Description
00	Aug. 06, 2025	Original

Tested By:

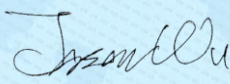


Date:

Aug. 06, 2025

Test Engineer

Prepared By:

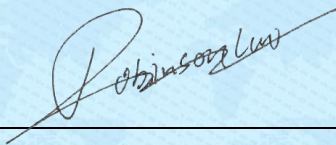


Date:

Aug. 06, 2025

Project Engineer

Check By:



Date:

Aug. 06, 2025

Reviewer

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4 General Information

4.1 General Description of EUT

Product Name:	Wireless charging phone holder
Model No.:	K5
Serial No.:	K3,K3S,K5S,K13
Test sample(s) ID:	GTSL2025070005-1
Sample(s) Status	Engineer sample
Operation Frequency:	110-205kHz
Modulation type:	ASK
Wireless Charging Output Power:	5W/7.5W/10W/15W(MAX)
Antenna Type:	Coil Antenna
Antenna gain:	0dBi
Power supply:	DC 5/9V from adapter

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Test Facility

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

- **FCC—Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory 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 files.

- **ISED—Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

4.3 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123- 128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

4.4 Description of Support Units

Manufacturer	Description	Model	S/N
YBZ	Intelligent wireless charging full function test module (5W/7.5W/10W/15W MAX) (110-205kHz)	001	N/A

4.5 Deviation from Standards

None.

4.6 Abnormalities from Standard Conditions

None.

4.7 Other Information Requested by the Customer

None.

5 Requirements

Test Methodology:

The tests documented in this report were performed in accordance with FCC CFR Title 47 Part 1 §1.1307, FCC CFR Title 47 Part 1 §1.1310, FCC CFR Title 47 Part 2 §2.1091 and KDB 680106 D01 Wireless Power Transfer v04

Limit:

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

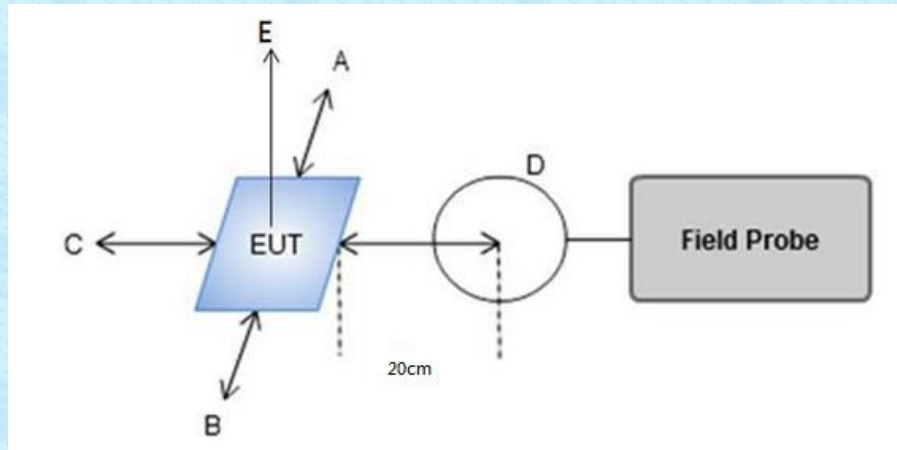
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) 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
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

Method Of Measurement:

- The RF exposure test was performed in shielded chamber.
- The geometric centre of probe was placed at 20 cm test distance surrounding the device and 20 cm above the top surface.
- The measurement probe used to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106 D01 RF Exposure Wireless Charging App v03r01.

Test Setup:



Note: Position A: Front of EUT; Position B: Left of EUT; Position C: back of EUT; Position D: Right of EUT; Position E: Top of EUT(20 cm measure distance)

Equipment Approval Considerations:

The EUT comply with 680106 D01 Wireless Power Transfer v04.

1. Power transfer frequency is less than 1 MHz.
Yes, the device operated in the frequency range from 110kHz to 205kHz.
2. Output power from each primary coil is less than or equal to 15 Watts.
Yes, The maximum output power is 15 watts.
3. The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.
Yes, the client device includes only single primary coil.
4. Client device is placed directly in contact with the transmitter.
Yes, Client device is placed directly in contact with the transmitter.
5. Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).
Yes, The EUT is a mobile device.
6. The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.
Yes; The EUT's field strength levels are less than 50% of the MPE limit.

Measuring Instrument Used:

Description	Brand	Model No.	Frequency Range	Calibrated Until
Broadband Field Meter	NARDA	NBM-550	—	Jan. 01, 2026
Magnetic Field Meter	NARDA	ELT-400	1–400kHz	Jan. 01, 2026
Magnetic Probe	NARDA	HF-3061	300kHz–30MHz	Jan. 01, 2026
Magnetic Probe	NARDA	HF-0191	27–1000MHz	Jan. 01, 2026
Broadband Field Meter	NARDA	NBM-550	—	Jan. 01, 2026
Electric Field Meter	COMBINOVA	EFM 200	5Hz–400kHz	Jan. 01, 2026
E-Field Probe	NARDA	EF-0391	100kHz–3GHz	Jan. 01, 2026
E-Field Probe	NARDA	EF-6091	100MHz–60GHz	Jan. 01, 2026

NOTE: The calibration interval of the above test instruments is 12 month.

H Field Strength Test Result:

NO.	TEST MODE DESCRIPTION
1	Keep the EUT charging with wireless charging load (99% load).
2	Keep the EUT charging with wireless charging load (50% load).
3	Keep the EUT charging with wireless charging load (1% load).
Note: The mode 1 was the worst case and only the data of the worst case record in this report.	

RESULT OF MAXIMUM PERMISSIBLE EXPOSURE

For Mode 1:

H-Filed Strength at 20 cm surrounding the device and 20 cm above the top surface (A/m)

Filed Strength	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
uT	0.17	0.17	0.21	0.18	0.19	/	/
A/m	0.15	0.14	0.16	0.14	0.16	0.815	1.63

Note: Calculation: $A/m = uT/1.25$

For Mode 2:

H-Filed Strength at 20 cm surrounding the device and 20 cm above the top surface (A/m)

Filed Strength	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
uT	0.18	0.2	0.17	0.18	0.16	/	/
A/m	0.14	0.16	0.14	0.14	0.13	0.815	1.63

Note: Calculation: $A/m = uT/1.25$

For Mode 3:

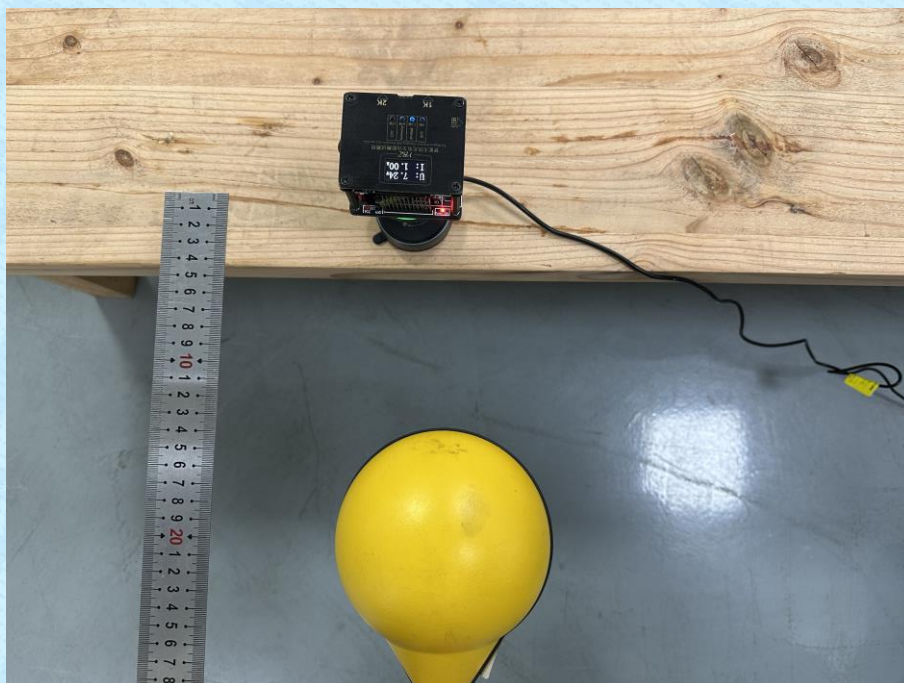
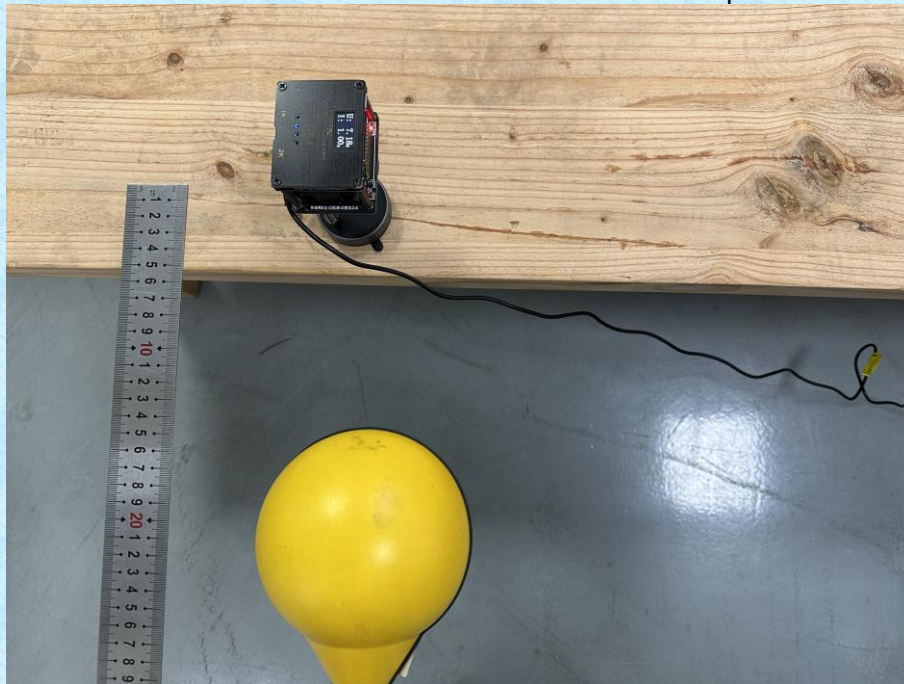
H-Filed Strength at 20 cm surrounding the device and 20 cm above the top surface (A/m)

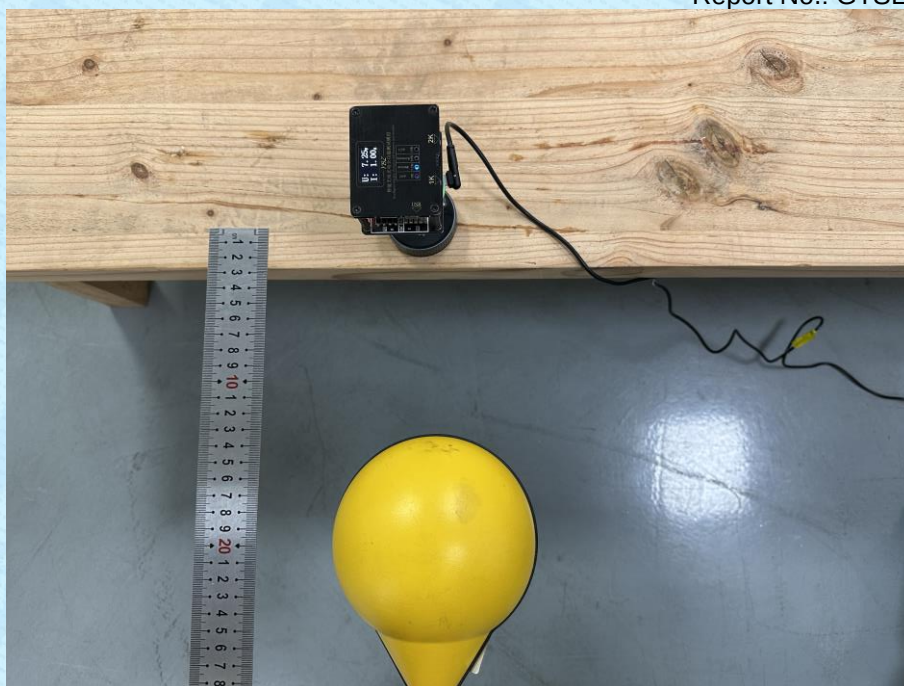
Filed Strength	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
uT	0.18	0.17	0.21	0.17	0.17	/	/
A/m	0.15	0.14	0.16	0.14	0.14	0.815	1.63

Note: Calculation: $A/m = uT/1.25$

6 Test Setup Photo







-----End-----