



Shenzhen Global Test Service Co.,Ltd.

No.7-101 and 8A-104,Building 7 and 8,DCC Cultural and Creative Garden No.98,Pingxin North Road,Shangmugu,Pinghu Street, Longgang District,Shenzhen,Guangdong,China

TEST REPORT

Report Reference No......: **GTS20260410006-3-02**

FCC ID.....: **2BTLP-HSK20**

Compiled by

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Date of issue.....: Apr.21, 2026

Representative Laboratory Name. : **Shenzhen Global Test Service Co.,Ltd.**

Address.....: No.7-101 and 8A-104,Building 7 and 8,DCC Cultural and Creative Garden No.98,Pingxin North Road,Shangmugu,Pinghu Street,Longgang District,Shenzhen,Guangdong,China

Applicant's name.....: **Dongguan Xingweiming Electronic Technology Co., Ltd.**

Address.....: Room 302, Building 1, No.23, Guest Road, Huangjiang Town, Dongguan City, Guangdong Province, China

Test specification.....:

Standard.....: FCC KDB 680106 D01 v04

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Test item description.....: **charger**

Trade Mark.....: N/A

Manufacturer.....: Dongguan Heshunkang Intelligent Technology Co., Ltd.

Model/Type reference.....: HSK20

List Model.....: N/A

Modulation Type.....: ASK

Operation Frequency.....: 115-205KHz

Ratings.....: Input: DC 5.0V/1A

Output/ Wireless: 2.5W

Result.....: **PASS**

TEST REPORT

Test Report No. :	GTS20260410006-3-02	Apr.21, 2026
		Date of issue

Equipment under Test : charger

Model /Type : HSK20

Listed Models : N/A

Applicant : **Dongguan Xingweiming Electronic Technology Co., Ltd.**

Address : Room 302, Building 1, No.23, Guest Road, Huangjiang Town, Dongguan City, Guangdong Province, China

Manufacturer **Dongguan Heshunkang Intelligent Technology Co., Ltd.**

Address : Room 302, Building 1, No.23, Guest Road, Huangjiang Town, Dongguan City, Guangdong Province, China

Test Result:	PASS
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The 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.

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1. SUMMARY

1.1. General Remarks

Date of receipt of test sample	:	Apr.15, 2026
Testing commenced on	:	Apr.15, 2026
Testing concluded on	:	Apr.21, 2026

1.2. Product Description

Product Name:	charger
Trade Mark:	N/A
Model/Type reference:	HSK20
List Model:	N/A
Model Declaration	N/A
Power supply:	Input: DC 5.0V/1A Output/ Wireless: 2.5W
Hardware version	N/A
Software version	N/A
Sample ID	GTS20260410006-3-S0001-1#>S20260410006-3-S0001-2#
WPT	
Operation frequency	115-205KHz
Modulation Type	ASK
Load Sensing	Contact transmission
Antenna Type	Coil Antenna
Antenna Gain	0.0 dBi

1.3. Equipment Under Test

Power supply system utilised

Power supply voltage	:	☐ 230V / 50 Hz	☐ 120V / 60Hz
		☐ 12 V DC	☐ 24 V DC
		☒ Other (specified in blank below)	

Input: DC 5.0V/1A
Output/ Wireless: 2.5W

Description of the test mode

Operation Frequency each of channel	
Channel	Frequency
1	127.352KHz

Mode	AC mode
Mode 1	5W Wireless Charging (No battery, sim load <1%)
	5W Wireless Charging (No battery, sim load 50%)
	5W Wireless Charging (No battery, sim load 99%)

Note :1.EUT has one port, The supports wireless charging in AC mode.

2. All modes were tested for load states less than 1%, less than 50%, and less than 99%.

1.4. Modifications

No modifications were implemented to meet testing criteria.

1.5. Address of the test laboratory

Shenzhen Global Test Service Co.,Ltd.

No.7-101 and 8A-104,Building 7 and 8,DCC Cultural and Creative Garden No.98,Pingxin North Road,Shangmugu,Pinghu Street,Longgang District,Shenzhen,Guangdong,China

1.6. Test Facility

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

CNAS (No. CNAS L8169)

Shenzhen Global Test Service Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2019 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA (Certificate No. 4758.01)

Shenzhen Global Test Service Co., Ltd. has been assessed by the American Association for Laboratory Accreditation (A2LA). Certificate No. 4758.01.

Industry Canada Registration Number. is 24189.

FCC Designation Number is CN1234.

FCC Registered Test Site Number is 165725.

CAB identifier is CN0082.

1.7. Statement of the measurement uncertainty

Test Item	Frequency Range	Uncertainty
H-Field Strength Uncertainty	1Hz~400KHz	3.12dB, k=2
F-Field Strength Uncertainty	1Hz~400KHz	2.68dB, k=2

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.8. TEST STANDARDS

[ANSI C95.1-1999](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

[KDB Publication 680106 D01 v04](#): Wireless Power Transfer Devices (WPT) - RF Exposure Evaluation Guidelines

[FCC CFR 47 part1 1.1310](#): Radiofrequency radiation exposure limits.

[FCC CFR 47 part2 2.1091](#): Radiofrequency radiation exposure evaluation: mobile devices

[FCC CFR 47 part 18.107](#): Industrial, Scientific, and Medical Equipment

1.9. Equipments Used during the Test

Description	Brand	Model No.	Serial no.	Calibrated Date	Calibrated Until
Exposure Level Tester	NARDA	ELT-400	N-0713	2025/12/01	2026/11/30
B-Field Probe	NARDA	ELT-400	M-1154	2025/12/01	2026/11/30

NOTE: 1. The calibration interval of the above test instruments is 12 months .

2. TEST CONDITIONS AND RESULTS

2.1 Applicable Standard

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1091 RF exposure is calculated.

According KDB 680106 D01 RF Exposure Wireless Charging App v04

2.2 Limit

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
3.0 – 30	1842/f	4.89/f	(900/f)*	6
30 – 300	61.4	0.163	1.0	6
300 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

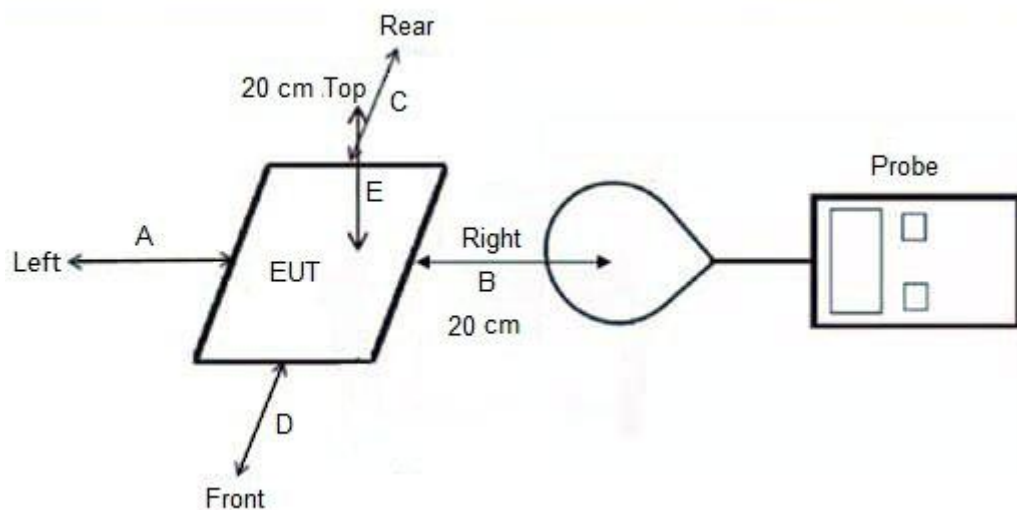
Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 30	824/f	2.19/f	(180/f)*	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

2.3 Test Setup



Note: A, B, C, D, E, F for six surfaces of the product.

2.4 Measurement Procedure

- The RF exposure test was performed on 360 degree turn table in anechoic chamber.
- The measurement probe was placed at test distance (20 cm from all sides) which is between the edge of the charger and the geometric centre of probe.
- The turn table was rotated 360 degree 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 v04.

2.5 Test Result of E and H field Strength

MPE_Coil_phone@(115K-205KHz)

Test distance	Battery levels	Probe from EUT Side	E-field (V/m)	H-field (A/m)
20cm	< 1%	Top	0.79	0.54
20cm	< 1%	Left	1.03	0.60
20cm	< 1%	Right	0.54	0.25
20cm	< 1%	Front	0.72	0.57
20cm	< 1%	Rear	1.13	0.68
Limit			614	1.63

MPE_Coil_phone@(115K-205KHz)

Test distance	Battery levels	Probe from EUT Side	E-field (V/m)	H-field (A/m)
20cm	< 50%	Top	0.79	0.50
20cm	< 50%	Left	1.03	0.56
20cm	< 50%	Right	0.53	0.23
20cm	< 50%	Front	0.70	0.53
20cm	< 50%	Rear	1.10	0.66
Limit			614	1.63

MPE_Coil_phone@(115K-205KHz)

Test distance	Battery levels	Probe from EUT Side	E-field (V/m)	H-field (A/m)
20cm	< 99%	Top	0.79	0.47
20cm	< 99%	Left	1.01	0.56
20cm	< 99%	Right	0.53	0.23
20cm	< 99%	Front	0.68	0.50
20cm	< 99%	Rear	1.10	0.62
Limit			614	1.63

2.6 Conclusion

The detected emissions with a distance of 20cm surrounding the device are below the FCC E-Field Strength & H-Field Strength limits; and comply with the requirements of FCC KDB 680106 D01.

3. Test Setup Photos of the EUT

20cm Front



20cm Rear





20cm Right



20cm top



.....End of Report.....