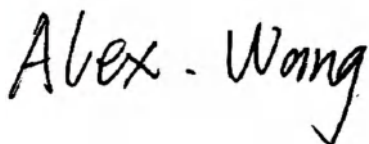


TEST REPORT

Application No.: BTEK260106004A01E01
Applicant: Shenzhen Utopia-Originality Technology Co., Ltd
Address of Applicant: 2F, Building7, TaihuaWutongdao, Sanwei Community Hangcheng Avenue
Gushu, BaoanDistrict, Shenzhen, Guangdong, P.R.China
Manufacturer: Dong guan Utopia-Originality Technology Co.,Ltd
Address of Manufacturer: NO.2,moushan Road,Chang'an Town, Dongguan City, Guangdong
Province
Equipment Under Test (EUT):
EUT Name: AC Wall Charger
Test Model.: W002
Adding Model(s): /
Trade Mark: 
FCC ID: 2BUM8-W002
Standard(s) : 47 CFR PART 1, Subpart I, Section 1.1310
47 CFR PART 2, Subpart J, Section 2.1091
KDB 680106 D01
Date of Receipt Sample(s): 2026-01-07
Date of Test: 2026-01-07 to 2026-01-18
Date of Issue: 2026-01-19

Test Result:	Pass*
---------------------	--------------

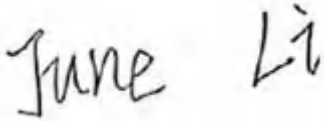
* In the configuration tested, the EUT complied with the standards specified above.



Alex Wang/ Approved & Authorized
EMC Laboratory Manager



Revision Record			
Version	Issue Date	Revisions	Remarks
V0	2026-01-19	Initial	Valid

Authorized for issue by:			
			
		Karl Liu / File Editor	
			
		June Li /Reviewer	

Remarks:

The 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 Contents

	Page
1 Cover Page	1
2 Contents	3
3 General Information	4
3.1 Details of E.U.T.	4
3.2 Description of EUT Test Mode	4
3.3 Description of Support Units	4
3.4 Test Location	4
3.5 Deviation from Standards	4
3.6 Abnormalities from Standard Conditions	4
4 Test Requirement	5
4.1 Equipment List	7
4.2 Assessment Result	8
4.3 Test Set-up Photo	9



3 General Information

3.1 Details of E.U.T.

Power Supply	IN:100-240V~ 50/60Hz 0.6A USB-C OUT:5V== 3.0A/9V== 2.22A/12V== 1.67A/20V== 1.0A USB-A OUT:5V== 3.0A/9V== 2.0A/12V== 1.5A USB-A+USB-C OUT:5V== 3.0A WirelessCharging:5.0W OUT MAX:25W(20W+5W)
Modulation Type	FSK
Operating frequency	Wireless Charging:315kHz~330kHz
Antenna Type	Induction Coil Antenna
Hardware Version	V1
Software Version	V1
Sample number	BTEK260106004A01E01-1/1
Model(s) Difference Statement	☒ Single Model. ☐ Multi-Models:

3.2 Description of EUT Test Mode

Test Mode	Description	Remark
1	Wireless output:5W Load 1%	Keep the EUT Wireless output:5W worst case
2	Wireless output:5W Load 50%	Keep the EUT Wireless output:5W worst case
3	Wireless output:5W Load 99%	Keep the EUT Wireless output:5W worst case

3.3 Description of Support Units

Auxiliary Equipment			
Description	Manufacturer	Model	Serial Number
WPT charging load	EESON	2S	/

3.4 Test Location

All tests were performed at:
Shenzhen BANTEK Testing Co., Ltd.,
A5&A6, Building B1&B2, No.45 Gangtuo Road, Bogang Community, Shajing Street, Bao'an District,
Shenzhen, Guangdong, China 518104
Tel:0755-2334 4200 Fax: 0755-2334 4200
FCC Registration Number: 264293
Designation Number: CN1356
No tests were sub-contracted.

3.5 Deviation from Standards

None

3.6 Abnormalities from Standard Conditions

None



4 RF Exposure Evaluation

4.1 RF Exposure Compliance Requirement

4.1.1 Limits

According to FCC Part1.1310: 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 part1.1307(b)

TABLE 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)
(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

Note 1: f = frequency in MHz ; *Plane-wave equivalent power density

Note 2: For the applicable limit, see FCC 1.1310, 680106 D01 RF Exposure Wireless Charging Apps v04

Note 3: Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.

Note 4: The aggregate H-field strengths 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit .

4.1.2 Test Procedure

For devices designed for typical desktop applications, such a wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 20 cm(Top) . E and H field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 20 cm(Top) from the center of the probe(s) to the edge of the device.



4.1.3 Test Requirement

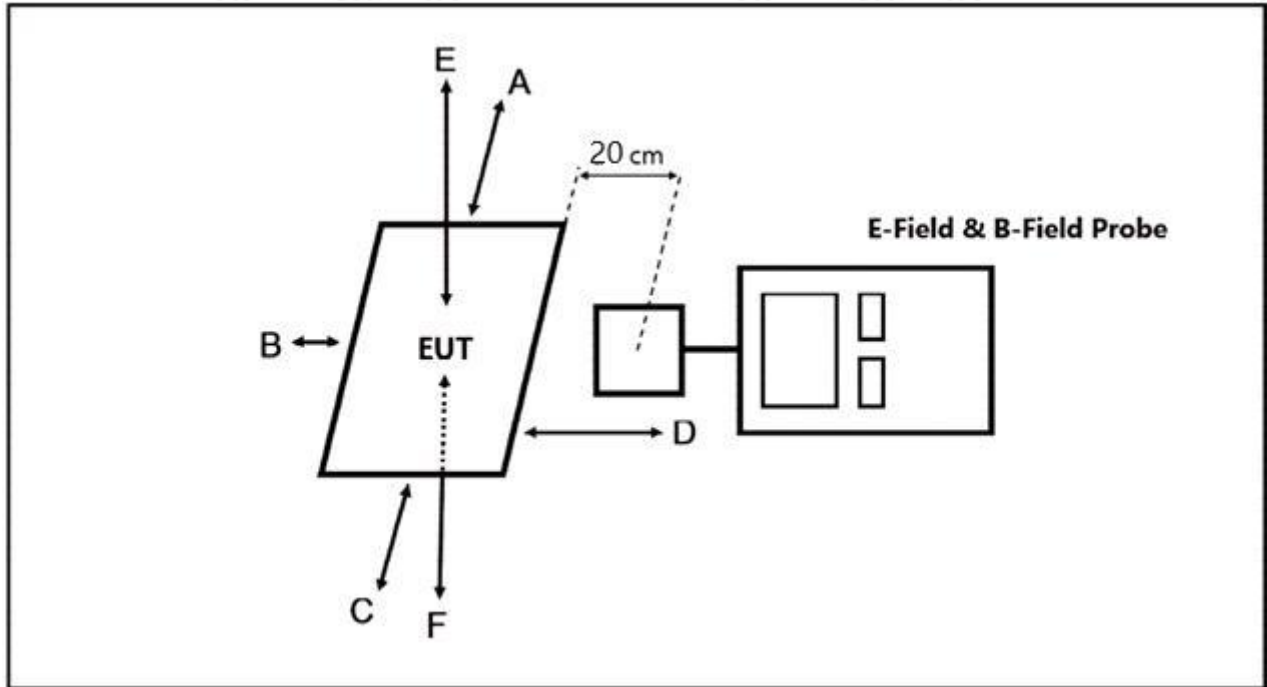
KDB 680106 D01 Wireless Power Transfer v04

According to KDB 680106 D01:

Requirements of KDB 680106 D01	Description
1.Power transfer frequency is less than 1 MHz	315-330kHz
2. Output power from each primary coil is less than or equal to 15 watts	Maximum 5W
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.	One radiated Coil
4. Client device is placed directly in contact with the transmitter.	Yes. The client device is placed directly in contact with the transmitter.
5.Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)	Mobile device
6. The aggregate H-field strengths anywhere at or beyond 20 cm surrounding the device, and 20cm 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 H-field strengths anywhere at or beyond 20 cm surrounding the device



4.1.4 Test Setup



Note: Measurements should be made from all sides and the top of the primary/client pair, with the 20cm measured from the center of the probe(s) to the edge of the device.

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (20cm) 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, F) were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.

4.2 Equipment List

Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
Electromagnetic field analyzer	Narda	EHP-200A	AC-012	2024/3/12	2026/3/11



4.3 Assessment Result

☒ Passed ☐ Not Applicable

320.16KHz

Maximum permissible Exposure				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
<1%	Top	20	0.6167	0.0135
<1%	Left	20	0.6124	0.0228
<1%	Right	20	0.1147	0.0236
<1%	Front	20	1.1275	0.0447
<1%	Back	20	0.3234	0.0242
Limit			614	1.63
test result			PASS	PASS

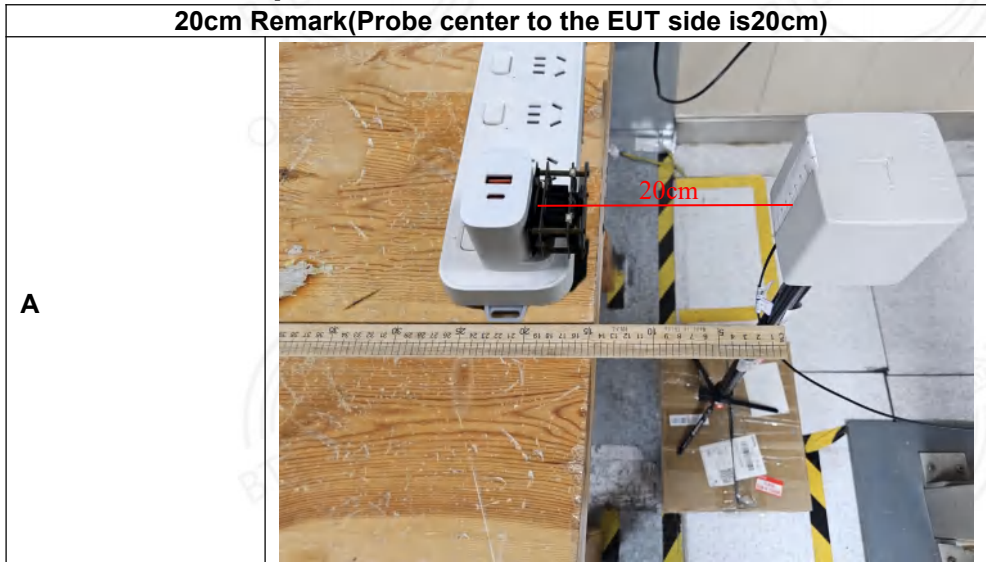
Maximum permissible Exposure				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
<50%	Top	20	0.5167	0.0217
<50%	Left	20	0.6050	0.0216
<50%	Right	20	0.2266	0.0337
<50%	Front	20	1.1273	0.0231
<50%	Back	20	0.5236	0.0218
Limit			614	1.63
test result			PASS	PASS

Maximum permissible Exposure				
Battery levels	Test sides	Test distance(cm)	E -field(V/m)	H-field(A/m)
<99%	Top	20	0.7028	0.0263
<99%	Left	20	0.7275	0.0252
<99%	Right	20	0.3037	0.0632
<99%	Front	20	1.6135	0.0433
<99%	Back	20	0.3295	0.0157
Limit			614	1.63
test result			PASS	PASS

Note: All test modes were pre-tested, but we only recorded the worst case in this report.



4.4 Test Set-up Photo



- End of the Report -

