

TEST REPORT

Report No.: BCTC2608721783-2E

Applicant: Shenzhen Baseus Technology Co., Ltd.

Product Name: Power Bank

Test Model: E00365

Tested Date: 2026-08-14 to 2026-08-27

Issued Date: 2026-08-27



Shenzhen BCTC Technology Co., Ltd.



FCC ID: 2A482-E00365

Product Name: Power Bank

Trademark: baseus

Model/Type reference: E00365

Prepared For: Shenzhen Baseus Technology Co., Ltd.

Address: 2nd Floor, Building B, Baseus Intelligence Park, No.2008, Xuegang Rd, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China.

Manufacturer: Shenzhen Baseus Technology Co., Ltd.

Address: 2nd Floor, Building B, Baseus Intelligence Park, No.2008, Xuegang Rd, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China.

Prepared By: Shenzhen BCTC Technology Co., Ltd.

Address: Room 101M, Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang, Nanwan Subdistrict, Longgang District, Shenzhen, Guangdong, China.

Sample Received Date: 2026-08-14

Sample tested Date: 2026-08-14 to 2026-08-27

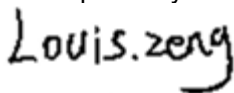
Report No.: BCTC2608721783-2E

Test Standards: FCC CFR 47 part1, 1.1307(b), 1.1310

Reference document: KDB 680106 D01 Wireless Power Transfer v04

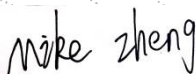
Test Results: PASS

Prepared by :



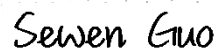
Louis Zeng /Editor

Reviewer by :



Mike Zheng / Supervisor

Approved by:



Sewen Guo/Manager

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Table Of Content

Test Report Declaration	Page
1. Version	4
2. Product Information	5
2.1 Product Information	5
2.2 Test Setup Configuration	5
2.3 Support Equipment	6
2.4 Test Mode	6
3. Measurement Uncertainty	7
4. Test Facility And Test Instrument Used	8
4.1 Test Facility	8
4.2 Test Instrument Used	8
5. Method Of Measurement	9
5.1 Applicable Standard	9
5.2 Block Diagram Of Test Setup	9
5.3 Limit	10
5.4 Test procedure	10
5.5 E and H field Strength	12
6. Photographs Of Test Set-Up	17

(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2608721783-2E	2026-08-27	Original	Valid

2. Product Information

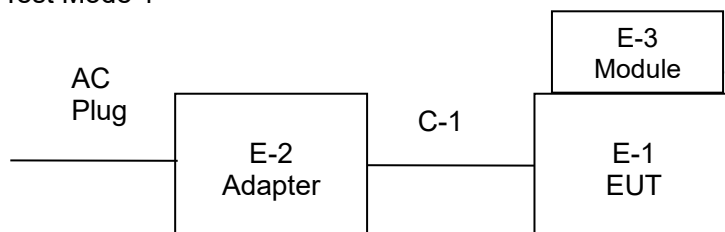
2.1 Product Information

Model/Type reference:	E00365
Model differences:	N/A
Hardware Version:	N/A
Software Version:	N/A
Type of Modulation:	ASK
Operation Frequency:	110.5-148.5kHz, 360kHz
Antenna installation:	Loop coil antenna
Ratings:	USB-C Input: 5V=3A, 9V=2A USB-C Output: 5V=2.4A, 9V=2.77A, 10V=2.25A, 12V=1.5A Wireless Output: 5W/7.5W/10W/15W Total Output: 5V=2.4A Battery: DC 3.91V

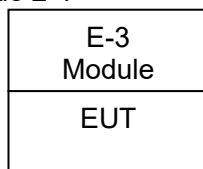
2.2 Test Setup Configuration

See test photographs attached in *EUT TEST SETUP PHOTOGRAPHS* for the actual connections between Product and support equipment.

Test Mode 1



Test Mode 2-4



2.3 Support Equipment

No.	Cable Type	Quantity	Provider	Length (m)	Shielded	Note
1	DC Cable	--	---	0.8m	---	C-1
2	--	--	---	---	---	---

No.	Device Type	Brand	Model	Series No.	Note
E-1	Power Bank	N/A	E00365	N/A	EUT
E-2	AC Adapter	TEKA	TEKA-UCA20US	/	Auxiliary
E-3	Intelligent wireless charging full function test module	EESON	V3.1.1		Auxiliary

Notes:

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.

2.4 Test Mode

Test Mode 1	Charging+5W(110.5-148.5kHz)
Test Mode 2	5V/1A output +5W(110.5-148.5kHz)
Test Mode 3	7.5W(110.5-148.5kHz)
Test Mode 4	10W(110.5-148.5kHz)
Test Mode 5	15W(360kHz)

3. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2:2011/AMD2:2018. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

No.	Item	Uncertainty
1	H-Field Strength	$U_{rel}=1.2\%$
2	E-Field Strength	MPE: $\pm 0.5\%$

4. Test Facility And Test Instrument Used

4.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Technology Co., Ltd.

Address: Room 101M, Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang, Nanwan Subdistrict, Longgang District, Shenzhen, Guangdong, China.

The site and apparatus are constructed in conformance with the requirements of ANSI C63.4a-2017 and CISPR 16-1-1:2019 other equivalent standards.

FCC Test Firm Registration Number: 754702

ANAB certificate registration number is: CN3479

4.2 Test Instrument Used

Name of instrument	Model	Manufacturer	Cal. Date	Due Date
Electro magnetic radiation tester	SMP160	Wavecontrol	May 12, 2026	May 13, 2027



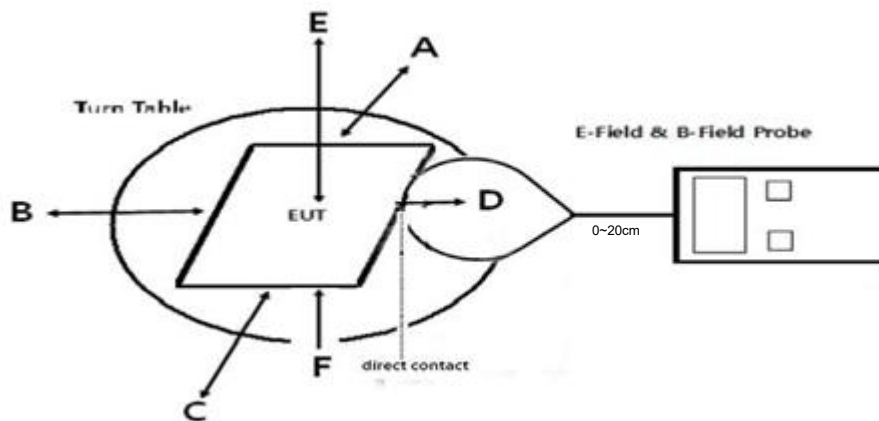
5. Method Of Measurement

5.1 Applicable Standard

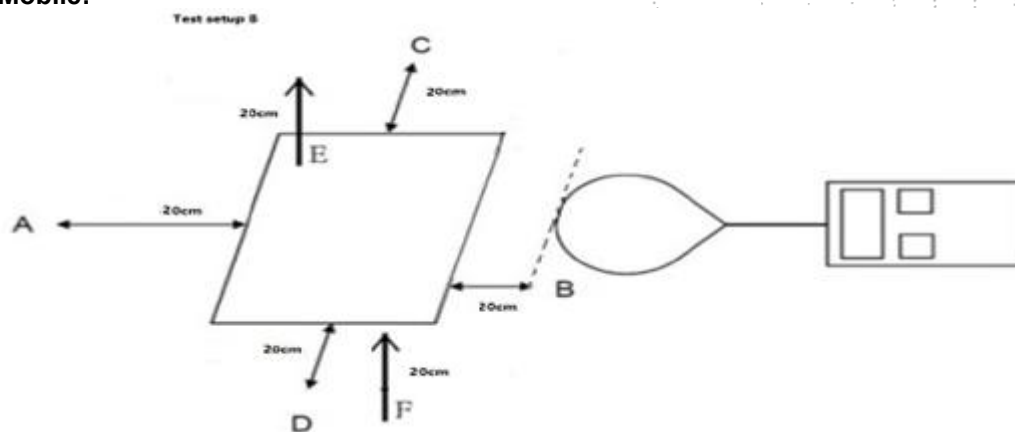
According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01v04: RF Exposure Wireless Charging Apps v04.

5.2 Block Diagram Of Test Setup

Portable:



Mobile:



5.3 Limit

Limits for Occupational / Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
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 General Population / Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	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	30

5.4 Test procedure

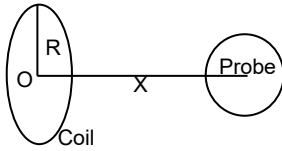
- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (2cm increments from 0 ~ 20 cm for all sides for portable mode, 20 cm from all sides for mobile mode) which is between the edge of the charger and the geometric edge of probe.
- 3) The 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 Wireless Power Transfer v04.
- 5) According to the requirements in KDB 680106 D01 v04, if the center of the probe sensing element is located more than 5mm from the probe outer surface, the field strengths need to be estimated through modeling for those positions that are not reachable. Use Biot-Savart Law, the value of 0 cm can be estimated through the results of 2 cm.
- 6) Operating modes with client device (1 %, 50%, 99% battery status of client device) have been test, only show the data of worst case of 1% battery status of client device.

Electromagnetic field probe dimensions is: 27.5*3.3cm(H*Φ)

For portable mode, we use Biot-Savart formula theory to estimate the strength of the magnetic field that the measuring instrument cannot measure. According to Biot-Savart formula:

The magnetic field on the axis of the circular current loop:

For Top and Bottom side:



$$B = \frac{\mu_0 I R^2}{2(R^2 + x^2)^{3/2}}$$

B: Magnetic induction (magnetic field strength), unit: Tesla (T) or Gauss (Gs)

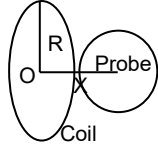
μ_0 : Vacuum permeability.

I: Current intensity in the coil, unit: Ampere (A).

R: Radius of the circular coil, unit: Meter (m).

x: Vertical distance from the observation point to the center axis of the coil (or distance from the coil plane to the observation point, when the observation point is on the axis), unit: Meter (m).

For Left, Right, Front, Rear side,



$x^2 + R^2 \approx x^2$, the formula simplifies to:

$$B(x) \approx \frac{\mu_0 I R^2}{2x^3}$$

Note: If the value to show a 30% agreement between the mode and the (E- and/or H-field) probe measurements for the two closest points to the device surface, and with 2cm increments. Then this extrapolation method is reasonable.

For this product, R=0.0195 m. I=1A(5W, 7.5W), 1.1A(10W), 1.67A(15W)

5.5 E and H field Strength

We measured the H-Field Strength of 20cm, 22cm and 24cm, and recorded the test data of the worst 20cm Mobile: Test Mode 1 (Worst mode)

H-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT

Frequency Range (MHz)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position Top(uT)
0.110.5-0.148.5	0.0149	0.0058	0.0071	0.0118	0.0069	0.0068

Frequency Range (MHz)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position Top(A/m)	50% Limits Test (A/m)	Limits Test (A/m)
0.110.5-0.148.5	0.0119	0.0047	0.0057	0.0095	0.0055	0.0054	0.815	1.63

Note:A/m=uT÷1.25

Frequency Range (MHz)	Test Position Front (V/m)	Test Position Rear (V/m)	Test Position Left (V/m)	Test Position Right (V/m)	Test Position Top (V/m)	50% Limits Test (V/m)	Limits (V/m)
0.110.5-0.148.5	0.081	0.073	0.069	0.075	0.067	307	614

KJ CO., LTD

Portable:

Test Mode 4 (the worst mode)

Transmitter Battery level: 100% battery

H-Filed Strength at (distance from 2cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)
2	0.1398	0.1033	0.0931	0.1169	0.0561	0.0574
4	0.0539	0.0315	0.0339	0.0384	0.0221	0.0223
6	0.0256	0.0130	0.0161	0.0200	0.0116	0.0125
8	0.0205	0.0070	0.0100	0.0140	0.0070	0.0091
10	0.0201	0.0058	0.0102	0.0132	0.0059	0.0079
12	0.0198	0.0061	0.0088	0.0130	0.0071	0.0081
14	0.0199	0.0059	0.0101	0.0140	0.0059	0.0082
16	0.0200	0.0066	0.0091	0.0128	0.0058	0.0081
18	0.0195	0.0060	0.0100	0.0129	0.0067	0.0083
20	0.0203	0.0059	0.0092	0.0132	0.0060	0.0092

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
2	0.1118	0.0826	0.0745	0.0935	0.0449	0.0459	1.63
4	0.0431	0.0252	0.0271	0.0307	0.0177	0.0178	1.63
6	0.0205	0.0104	0.0129	0.0160	0.0093	0.0100	1.63
8	0.0164	0.0056	0.0080	0.0112	0.0056	0.0073	1.63
10	0.0161	0.0046	0.0082	0.0106	0.0047	0.0063	1.63
12	0.0158	0.0049	0.0070	0.0104	0.0057	0.0065	1.63
14	0.0159	0.0047	0.0081	0.0112	0.0047	0.0066	1.63
16	0.0160	0.0053	0.0073	0.0102	0.0046	0.0065	1.63
18	0.0156	0.0048	0.0080	0.0103	0.0054	0.0066	1.63
20	0.0162	0.0047	0.0074	0.0106	0.0048	0.0074	1.63

Note: A/m=uT/1.25

Using Biot-Savart Law, the value of 2cm can be estimated through the test results of 4cm:

Distance: 2cm

Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0.1437	0.0840	0.0904	0.1024	0.0536	0.0541	1.63

Agreement Ratio

Distance: 2cm

Transmitter Battery level: 100% battery						
Test Position	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)
Measure Value (A/m)	0.1118	0.0826	0.0745	0.0935	0.0449	0.0459
Valuation (A/m)	0.1437	0.0840	0.0904	0.1024	0.0536	0.0541
Agreement ratio	24.97	1.63	19.31	9.06	17.71	16.36
Limit	30%	30%	30%	30%	30%	30%
Test result	Pass	Pass	Pass	Pass	Pass	Pass

Using Biot-Savart Law, the value of 4cm can be estimated through the test results of 6cm:

Distance: 4cm

Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0.0483	0.0245	0.0303	0.0377	0.0216	0.0232	1.63

Agreement Ratio

Distance: 4cm

Transmitter Battery level: 100% battery						
Test Position	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)
Measure Value (A/m)	0.0431	0.0252	0.0271	0.0307	0.0177	0.0178
Valuation(A/m)	0.0483	0.0245	0.0303	0.0377	0.0216	0.0232
Agreement ratio	11.38	-2.82	11.08	20.40	19.96	26.12
Limit	30%	30%	30%	30%	30%	30%
Test result	Pass	Pass	Pass	Pass	Pass	Pass

As the model is sufficient, the value of 0cm can be estimated through the results of 2 cm

Using Biot-Savart Law, the value of 0cm can be estimated through the test results of 2cm:

Distance: 0cm

Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0.8621	0.6372	0.5743	0.7211	0.1827	0.1870	1.63
Test result: Pass						

Portable: Test Mode 5 (the worst mode)
Transmitter Battery level: 100% battery

H-Filed Strength at (distance from 2cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)
2	0.1391	0.1040	0.0918	0.1166	0.0571	0.0566
4	0.0539	0.0319	0.0336	0.0383	0.0221	0.0214
6	0.0248	0.0141	0.0150	0.0201	0.0119	0.0114
8	0.0189	0.0084	0.0101	0.0143	0.0083	0.0085
10	0.0181	0.0082	0.0090	0.0142	0.0074	0.0076
12	0.0188	0.0085	0.0090	0.0133	0.0073	0.0083
14	0.0183	0.0077	0.0094	0.0130	0.0077	0.0074
16	0.0191	0.0080	0.0098	0.0141	0.0080	0.0073
18	0.0185	0.0072	0.0098	0.0132	0.0084	0.0076
20	0.0177	0.0077	0.0089	0.0141	0.0073	0.0084

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
2	0.1113	0.0832	0.0734	0.0933	0.0457	0.0453	1.63
4	0.0431	0.0255	0.0269	0.0306	0.0177	0.0171	1.63
6	0.0198	0.0113	0.0120	0.0161	0.0095	0.0091	1.63
8	0.0151	0.0067	0.0081	0.0114	0.0066	0.0068	1.63
10	0.0145	0.0066	0.0072	0.0114	0.0059	0.0061	1.63
12	0.0150	0.0068	0.0072	0.0106	0.0058	0.0066	1.63
14	0.0146	0.0062	0.0075	0.0104	0.0062	0.0059	1.63
16	0.0153	0.0064	0.0078	0.0113	0.0064	0.0058	1.63
18	0.0148	0.0058	0.0078	0.0106	0.0067	0.0061	1.63
20	0.0142	0.0062	0.0071	0.0113	0.0058	0.0067	1.63

Note: A/m=uT/1.25

Using Biot-Savart Law, the value of 2cm can be estimated through the test results of 4cm:

Distance: 2cm

Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0.1437	0.0851	0.0896	0.1021	0.0536	0.0519	1.63

Agreement Ratio

Distance: 2cm

Transmitter Battery level: 100% battery						
Test Position	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)
Measure Value (A/m)	0.1113	0.0832	0.0734	0.0933	0.0457	0.0453
Valuation (A/m)	0.1437	0.0851	0.0896	0.1021	0.0536	0.0519
Agreement ratio	25.41	2.26	19.82	9.03	15.95	13.62
Limit	30%	30%	30%	30%	30%	30%
Test result	Pass	Pass	Pass	Pass	Pass	Pass

Using Biot-Savart Law, the value of 4cm can be estimated through the test results of 6cm:

Distance: 4cm

Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0.0466	0.0266	0.0283	0.0379	0.0221	0.0212	1.63

Agreement Ratio

Distance: 4cm

Transmitter Battery level: 100% battery						
Test Position	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)
Measure Value (A/m)	0.0431	0.0255	0.0269	0.0306	0.0177	0.0171
Valuation(A/m)	0.0466	0.0266	0.0283	0.0379	0.0221	0.0212
Agreement ratio	7.80	4.14	5.15	21.18	22.22	21.29
Limit	30%	30%	30%	30%	30%	30%
Test result	Pass	Pass	Pass	Pass	Pass	Pass

As the model is sufficient, the value of 0cm can be estimated through the results of 2 cm

Using Biot-Savart Law, the value of 0cm can be estimated through the test results of 2cm:

Distance: 0cm

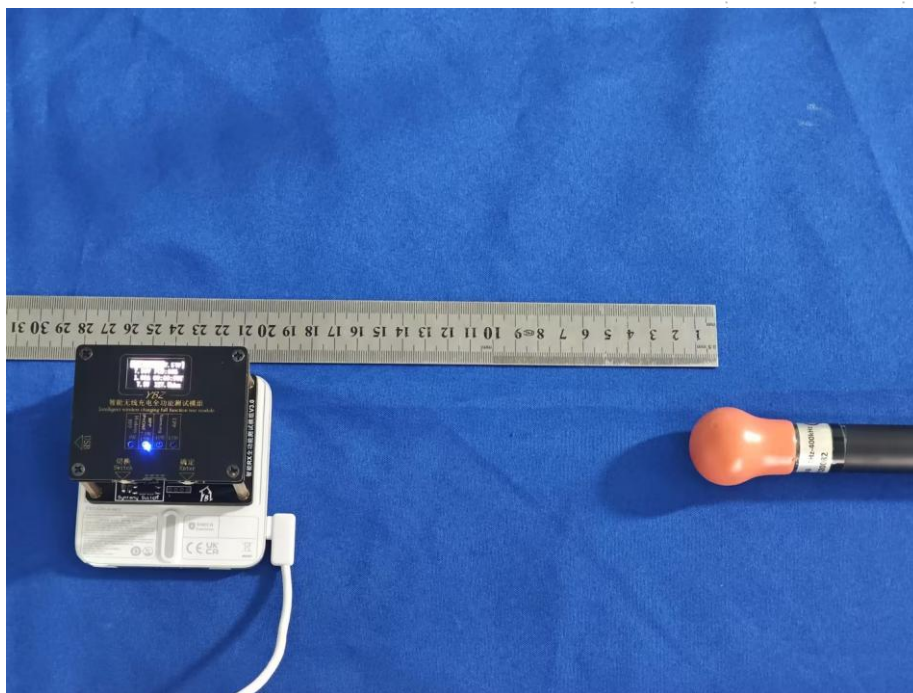
Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0.8582	0.6415	0.5663	0.7193	0.1860	0.1844	1.63
Test result: Pass						

6. Photographs Of Test Set-Up

0cm



20cm



STATEMENT

1. The equipment lists are traceable to the International System of Units (SI)
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC 17025:2017.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

Room 101M, Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang, Nanwan Subdistrict, Longgang District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: <http://www.chnbctc.com>

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

***** END *****