

Health Test Report

For

Applicant name: Dongguan Besky Industrial Co., LTD
Address: No.20, Chengtian Road, Shatian Town, Dongguan City, Guangdong Province, China
EUT name: Magnetic wireless charging power bank
Brand name: N/A
Model number: WW-T188BLF
Series model number: /
FCC ID: 2BVQB-T188BLF

Issued By

Company name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China
Report number: BTF260413R00202
Test standards: 47 CFR Part 1 Subpart I Section 1.1310
KDB 680106 D01 RF Exposure Wireless Charging App v04
Test conclusion: Pass
Date of sample receipt: 2026-4-10
Test date: 2026-4-10 to 2026-4-17
Date of issue: 2026-4-20

Prepared by:

Chris Liu

Chris Liu /Project engineer



Approved
by:

Ryan.CJ /EMC manager

Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd., All the objections should be raised within thirty days from the date of issue. To validate the report, you can contact us.

Revision History		
Version	Issue date	Revisions content
R_V0	2026-4-20	Original

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1 Introduction

1.1 Laboratory Location

Test location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China
Description:	All measurement facilities used to collect the measurement data are located at Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China
Phone number:	+86-0755-23146130
Fax number:	+86-0755-23146130

1.2 Laboratory Facility

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

- **FCC - Designation No.: CN1409**
BTF Testing Lab (Shenzhen) Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 695374.
- **ISED – CAB identifier.: CN0135**
The 3m Semi-anechoic chamber of BTF Testing Lab (Shenzhen) Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 27844.
- **CNAS - Registration No.: CNAS L17568**
BTF Testing Lab (Shenzhen) Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L17568.
- **A2LA - Registration No.: 6660.01**
BTF Testing Lab (Shenzhen) Co., Ltd. is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.

1.3 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.
- (7) All entrusted information in this report is provided by the client and has been confirmed through consultation with the client; The testing items for this report have been discussed and confirmed with the client, and our company is only responsible for the content reflected in the report.

2 Product Information

2.1 Application Information

Company name:	Dongguan Besky Industrial Co., LTD
Address:	No.20, Chengtian Road, Shatian Town, Dongguan City, Guangdong Province, China

2.2 Manufacturer Information

Company name:	Dongguan Besky Industrial Co., LTD
Address:	No.20, Chengtian Road, Shatian Town, Dongguan City, Guangdong Province, China

2.3 Factory Information

Company name:	Dongguan Besky Industrial Co., LTD
Address:	No.20, Chengtian Road, Shatian Town, Dongguan City, Guangdong Province, China

2.4 General Description of Equipment under Test (EUT)

EUT name	Magnetic wireless charging power bank
Under test model name	WW-T188BLF
Series model name	/
Description of model name differentiation	/
Hardware Version	/
Software Version	/
Rating:	Battery Energy: 10000mAh, 3.85V/38.5Wh USB-C / USB-C cable Input: DC 5V/3A, DC 9V/2A USB-C / USB-C cable Output: DC 5V/3A, DC 9V/2.22A, DC 10V/2.25A, DC 12V/1.67A Wireless Output for Mobile Phones: 15W Max Wireless Output for iWatch: 2.5W Max

2.5 Technical Information

Operation frequency:	111kHz ~ 360kHz
Modulation technology:	MSK
Antenna type:	Coil Antenna

3 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Electric and Magnetic Field Analyzer	Narda	EHP-200A	180ZX11001	2025/11/21	2026/11/20

4 Applied Reference Documents

Identity	Document Title
47 CFR Part 1 Subpart I Section 1.1310	Radiofrequency radiation exposure limits.

5 Test Auxiliary Equipment

Description	Manufacturer	Model	Serial No.	Length	Description
Phone	HONOR	PGT-AN10	/	/	/
iwatch	Apple Inc.	SE3	/	/	/
Adapter	Apple Inc.	A2166	/	/	/

6 Test Requirement

KDB 680106 D01 RF Exposure Wireless Charging App v04

According to the item 5.2 of KDB 680106 D01v03:

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

a) Power transfer frequency is less than 1 MHz.

Yes, the device operate in the frequency range from 111-360KHz

b) Output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.

Yes, the maximum output power of the primary coil is 15W.

c) A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)

The EUT is in physical contact with the client device.

d) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions)

Portable Exposure.

e) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1.

Yes, E-field and H-field strengths meet the requirements

f) For systems with more than one radiating structure, the conditions specified in (e) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested.

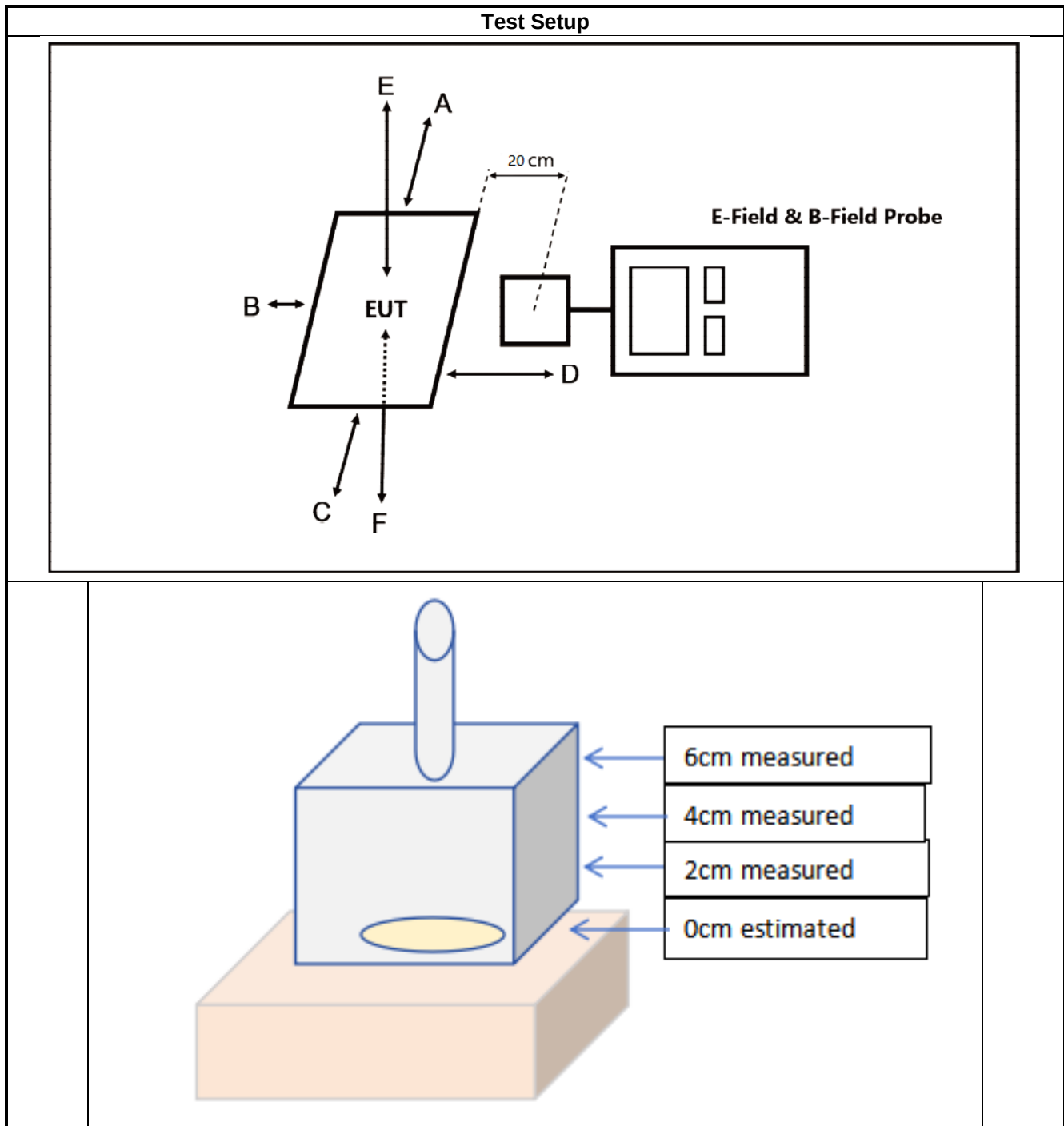
Yes, All the modes were tested

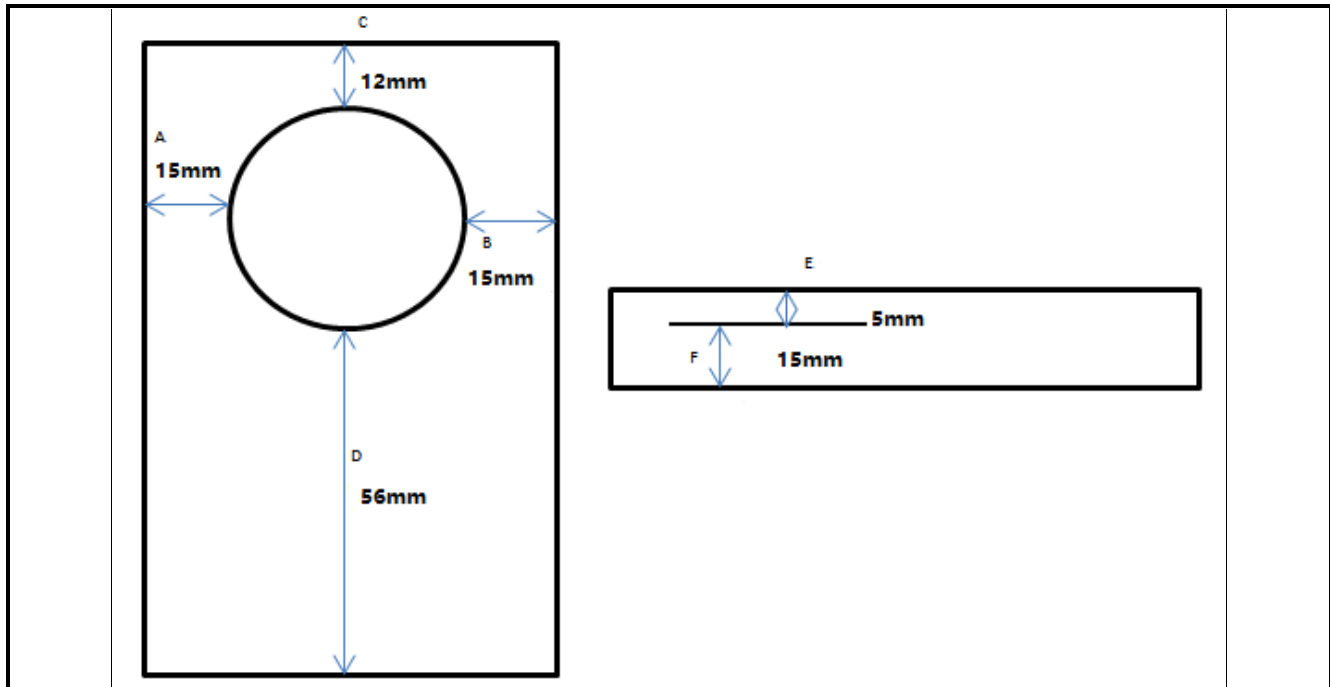
TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

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 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
(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
300-1,500			f/1500	30
1,500-100,000			1.0	30

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

7 Test Settings





Note: Length × Width × Height= 107.5*69*20.3 mm

Note1: The sensitive elements are located approximately 8mm below the exxternal surface

Note2: Measurements should be made from all sides and the top of the primary/client pair, with the 0/2/4/6/8/10/12/14/16/18/20cm measured from the center of the probe(s) to the edge of the device.

The RF exposure test was performed in anechoic chamber.

The measurement probe was placed at test distance (0/2/4/6/8/10/12/14/16/18/20cm) which is between the edge of the charger and the geometric center of probe.

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.

The EUT was measured according to the dictates of KDB 680106 D01 v04.

8 Exposure Assessment

8.1 Test mode

No.	Test Modes
TM1	Charging(DC 5V/3A) + Wireless output (5W, max allowed)
TM2	Wireless output (15W)
TM3	Wireless output (2.5W)
TM4	Charging(DC 9V/2A) + Wireless output (5W, max allowed)
TM5	Charging(DC 5V/3A) + Wireless output (2.5W)
TM6	Charging(DC 9V/2A) + Wireless output (2.5W)
TM7	Wireless output (10W)
TM8	Wireless output (5W)
Remark: All modes have been tested. The worst mode reported	

8.2 H-Field Strength Test Date(worst condition 15W)

➤ H-Field Strength at 2/4/6/8/10/12/14/16/18/20cm from the edges surrounding the EUT:

Measured Distance (cm)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limits (A/m)
2	0.2589	0.2267	0.2958	0.1366	0.2873	0.2119	1.63
4	0.0964	0.0875	0.1014	0.0687	0.1009	0.0928	1.63
6	0.0782	0.0756	0.0872	0.0576	0.0809	0.0771	1.63
8	0.0701	0.0652	0.0768	0.0459	0.0665	0.0687	1.63
10	0.0618	0.0573	0.0661	0.0377	0.0579	0.0567	1.63
12	0.0556	0.0513	0.0541	0.0316	0.0493	0.0455	1.63
14	0.0487	0.0442	0.0462	0.0282	0.0427	0.0385	1.63
16	0.0422	0.0354	0.0400	0.0251	0.0358	0.0319	1.63
18	0.0361	0.0303	0.0317	0.0213	0.0314	0.0252	1.63
20	0.0287	0.0251	0.0268	0.0170	0.0248	0.0218	1.63

Estimated the results of 2cm through 4 cm

Test Position	Measured Value (A/m)	Estimated Value (A/m)	Agreement Ratio	Limits (%)
A	0.2589	0.2956	12.42	30
B	0.2267	0.2683	15.51	30
C	0.2958	0.3226	8.31	30
D	0.1366	0.1599	14.57	30
E	0.2873	0.3262	11.93	30

F	0.2139	0.2545	15.95	30
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The value of 0cm can be estimated through the results of 2 cm

Test Position	Estimated Value (A/m)	Limits (A/m)
A	0.2956	1.63
B	0.2683	1.63
C	0.3226	1.63
D	0.1599	1.63
E	1.4838	1.63
F	1.5643	1.63

➤ **Conclusion:**

A minimum safety distance of 0 cm to the antenna is required when the device is charging a smart phone for mobile exposure. The detected emissions are below the limitations according FCC KDB 680106. The model was established with a 30% agreement, so it was considered to be approved. The estimated test distances of 0cm are reliable.

9 Test Setup Photos

Please refer to the Appendix I Test Setup Photos

10 EUT Constructional Details (EUT Photos)

Please refer to the Appendix II External Photos & Appendix III External Photos



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