



RF Exposure Report

For

Applicant Name: GOJU INC.
Address: 701-1 Toronto st. Toronto, M5C 2V6
EUT Name: Magnetic Wireless Power Bank
Brand Name: N/A
Model Number: P10

Issued By

Company Name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park,
Tantou Community, Songgang Street, Bao'an District, Shenzhen,
China

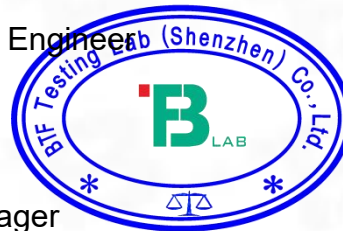
Report Number: BTF230626R00102
Test Standards: 47 CFR Part 1 Subpart I Section 1.1310
FCC ID: 2BBWX-P10
Test Conclusion: Pass
Test Date: 2023-06-26 to 2023-07-07
Date of Issue: 2023-07-12

Prepared By: Elma.yang

Date: Elma.yang / Project Engineer
2023-07-12

Approved By: Ryan.CJ

Date: Ryan.CJ / EMC Manager
2023-07-12



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	2023-07-12	Original
Note:		Once the revision has been made, then previous versions reports are invalid.

Table of Contents

1. Introduction	4
1.1 Identification of Testing Laboratory	4
1.2 Identification of the Responsible Testing Location	4
1.3 Laboratory Condition	4
1.4 Announcement	4
2. Product Information	5
2.1 Application Information	5
2.2 Manufacturer Information	5
2.3 Factory Information	5
2.4 General Description of Equipment under Test (EUT)	5
3. Test Requirement	6
3.1 Assessment Result	8
3.2 Test Set-up Photo	14

1. Introduction

1.1 Identification of Testing Laboratory

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130

1.2 Identification of the Responsible Testing Location

Test Location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Description:	All measurement facilities used to collect the measurement data are located at F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
FCC Registration Number:	518915
Designation Number:	CN1330

1.3 Laboratory Condition

Ambient Temperature:	20°C to 25°C
Ambient Relative Humidity:	45% to 55%
Ambient Pressure:	100 kPa to 102 kPa

1.4 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.

2. Product Information

2.1 Application Information

Company Name:	GOJU INC.
Address:	701-1 Toronto st. Toronto,M5C 2V6

2.2 Manufacturer Information

Company Name:	Wellgreen Technology Inc.
Address:	605, Building 8, Zhicheng Road, Songshan Lake , Dongguan, Guangdong

2.3 Factory Information

Company Name:	Shenzhen Mofhie Technology Co.,Ltd.
Address:	Floor 12, Building 4, Bangyan Green Valley, No. 98, Zhihe Road, Yuanshan, Longgang District, Shenzhen City, Guangdong Province, China.

2.4 General Description of Equipment under Test (EUT)

EUT Name	Magnetic Wireless Power Bank
Under Test Model Name	P10
Hardware Version	POWER10-CCX1033 REV:1.3

3. Test Requirement

KDB 680106 D01 RF Exposure Wireless Charging App v03

Human exposure to RF Low frequency emissions from portable devices (47 CFR § 2.1093) may be evaluated based on the MPE limits adopted by the FCC for electric and magnetic field strength and/or power density.

According to the item 5.2 of KDB 680106 D01v03:

TCB Workshop and combine the actual situation of the EUT, For the portable wireless charger, RF exposure evaluation should be made from all sides(six sides) of EUT, with the 0cm to 20cm measured from the center of the probe to the edge of the EUT, in 2cm minimum increment.

E and H field strength measurements or numerical modelling may be used to demonstrate compliance.

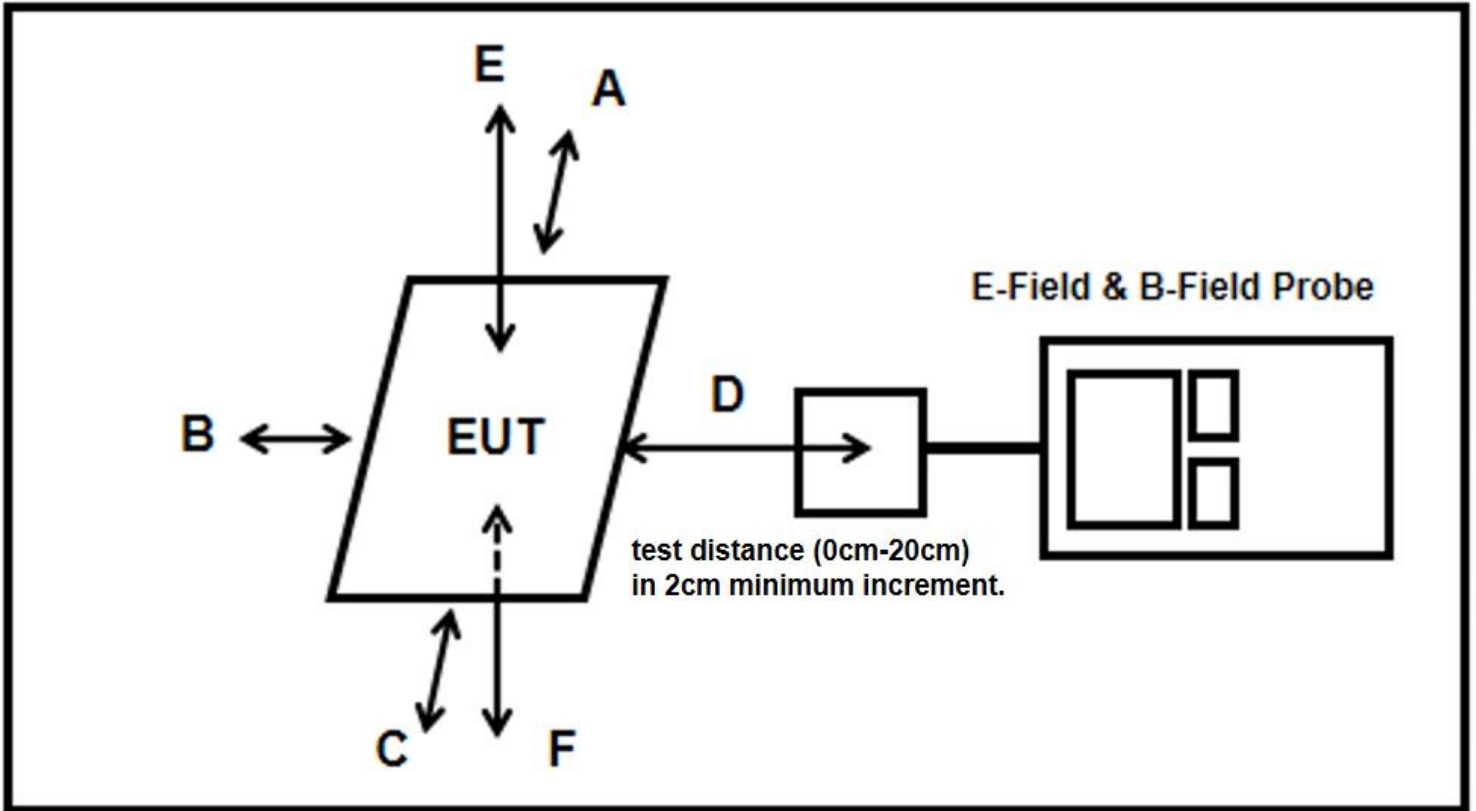
TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

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

Test Equipment List

Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)
Electric and Magnetic Field Analyzer	Narda	EHP-200A	180ZX11001	2023.3.29	2024.3.28

Test Setup

Note: Measurements should be made from all sides and the top of the primary/client pair, the test distance of A, B, C, D, E, F side is 0cm to 20cm.

- 1) The RF exposure test was performed in anechoic chamber.
- 2) 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.
- 3) The EUT was measured according to the dictates of KDB 680106 D01 v03.

3.1 Assessment Result

Empty load, half load and full load have been tested, and only the worst cast of full load mode are in the report.

0cm

Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	0	1.257	1.63
Bottom	0	1.013	1.63
Front	0	1.058	1.63
Rear	0	1.043	1.63
Left	0	1.124	1.63
Right	0	1.115	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	0	7.958	614
Bottom	0	6.224	614
Front	0	2.547	614
Rear	0	2.129	614
Left	0	2.682	614
Right	0	2.757	614

2cm

Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	2	1.147	1.63
Bottom	2	1.023	1.63
Front	2	1.024	1.63
Rear	2	1.035	1.63
Left	2	1.058	1.63
Right	2	1.033	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	2	6.667	614
Bottom	2	5.268	614
Front	2	1.582	614
Rear	2	1.928	614
Left	2	1.257	614
Right	2	1.681	614

4cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	4	1.058	1.63
Bottom	4	1.011	1.63
Front	4	0.959	1.63
Rear	4	0.988	1.63
Left	4	0.937	1.63
Right	4	0.987	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	4	5.223	614
Bottom	4	4.257	614
Front	4	1.224	614
Rear	4	1.295	614
Left	4	1.237	614
Right	4	1.282	614

6cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	6	1.034	1.63
Bottom	6	1.022	1.63
Front	6	0.854	1.63
Rear	6	0.758	1.63
Left	6	0.628	1.63
Right	6	0.582	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	6	5.147	614
Bottom	6	4.258	614
Front	6	1.958	614
Rear	6	1.258	614
Left	6	1.627	614
Right	6	1.527	614

8cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	8	1.088	1.63
Bottom	8	0.985	1.63
Front	8	0.574	1.63
Rear	8	0.968	1.63
Left	8	1.505	1.63
Right	8	1.505	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	8	5.482	614
Bottom	8	4.695	614
Front	8	1.105	614
Rear	8	0.824	614
Left	8	1.247	614
Right	8	1.264	614

10cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	10	0.872	1.63
Bottom	10	0.724	1.63
Front	10	0.628	1.63
Rear	10	0.715	1.63
Left	10	0.823	1.63
Right	10	0.872	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	10	4.214	614
Bottom	10	3.958	614
Front	10	0.822	614
Rear	10	0.708	614
Left	10	0.824	614
Right	10	0.551	614

12cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	12	0.634	1.63
Bottom	12	0.685	1.63
Front	12	0.492	1.63
Rear	12	0.587	1.63
Left	12	0.592	1.63
Right	12	0.482	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	12	1.885	614
Bottom	12	1.628	614
Front	12	0.628	614
Rear	12	0.613	614
Left	12	0.628	614
Right	12	0.633	614

14cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	14	0.527	1.63
Bottom	14	0.599	1.63
Front	14	0.428	1.63
Rear	14	0.436	1.63
Left	14	0.328	1.63
Right	14	0.392	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	14	1.088	614
Bottom	14	1.052	614
Front	14	0.587	614
Rear	14	0.628	614
Left	14	0.571	614
Right	14	0.429	614

16cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	16	0.483	1.63
Bottom	16	0.469	1.63
Front	16	0.435	1.63
Rear	16	0.392	1.63
Left	16	0.358	1.63
Right	16	0.396	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	16	0.887	614
Bottom	16	0.958	614
Front	16	0.431	614
Rear	16	0.420	614
Left	16	0.419	614
Right	16	0.407	614

18cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	18	0.461	1.63
Bottom	18	0.439	1.63
Front	18	0.392	1.63
Rear	18	0.387	1.63
Left	18	0.351	1.63
Right	18	0.307	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	18	0.728	614
Bottom	18	0.724	614
Front	18	0.429	614
Rear	18	0.411	614
Left	18	0.392	614
Right	18	0.347	614

20cm
Magnetic Field Strength Measurement

Test Position	Distance (cm)	Measured Value(A/m)	Limit(A/m)
Top	20	0.339	1.63
Bottom	20	0.341	1.63
Front	20	0.282	1.63
Rear	20	0.257	1.63
Left	20	0.261	1.63
Right	20	0.271	1.63

Test Position	Distance (cm)	Measured Value(V/m)	Limit(V/m)
Top	20	0.441	614
Bottom	20	0.429	614
Front	20	0.468	614
Rear	20	0.413	614
Left	20	0.314	614
Right	20	0.308	614

3.2 Test Set-up Photo









Test Report Number: BTF230626R00102



BTF Testing Lab (Shenzhen) Co., Ltd.

F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street,
Bao'an District, Shenzhen, China

www.btf-lab.com

--END OF REPORT--