



RF Exposure Report

For

Applicant name: Shenzhen Fulei Technology Co., Ltd.
Address: Room 402, No. 45, Block 2, Dunbei New Village, Xianglian Community, Longhua Street, Longhua District, Shenzhen
EUT name: FS
Brand name: N/A
Model number: FS1
Series model number: FS2, FS3, FS4, FS5, FS6, FS7, FS8
FCC ID: 2BQLV-FS1

Issued By

Company name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: 101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China
Report number: BTF250609R01304
Test standards: 47 CFR Part 1 Subpart I Section 1.1310
Test conclusion: Pass
Date of sample receipt: 2025-06-09
Test date: 2025-06-09 to 2025-07-01
Date of issue: 2025-07-03

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	2025-07-03	Original
Note:		Once the revision has been made, then previous versions reports are invalid.

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1. Introduction

1.1 Laboratory Location

Test location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, 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 518915.
- **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:	Shenzhen Fulei Technology Co., Ltd.
Address:	Room 402, No. 45, Block 2, Dunbei New Village, Xianglian Community, Longhua Street, Longhua District, Shenzhen

2.2 Manufacturer Information

Company name:	Shenzhen Fulei Technology Co., Ltd.
Address:	Room 402, No. 45, Block 2, Dunbei New Village, Xianglian Community, Longhua Street, Longhua District, Shenzhen

2.3 Factory Information

Company name:	Shenzhen Fulei Technology Co., Ltd.
Address:	Room 402, No. 45, Block 2, Dunbei New Village, Xianglian Community, Longhua Street, Longhua District, Shenzhen

2.4 General Description of Equipment under Test (EUT)

EUT name:	FS
Under test model name:	FS1
Series model name:	FS2, FS3, FS4, FS5, FS6, FS7,FS8
Description of model name differentiation:	Only the model name is different, everything else is the same
Hardware version:	N/A
Software version:	N/A
Rating:	Input: Type-c1:5V-3A/9V-3A/12V-2.5A(30W) Input: Type-c2:5V-3A/9V-3A/12V-2.5A(30W) Output: Type-c1+Type-c2: 30W+30W=60W Wireless charging output: 5W, TYPE-C Maximum input: 5V 3A Wireless charging output: 7.5W, 10W, TYPE-C Maximum input: 9V 2.2A Wireless charging output: 7.5W, 10W, 15W, TYPE-C Maximum input: 12V1.67A

2.5 Test Auxiliary Equipment

Description	Manufacturer	Model	Serial No.	Length	Description
Adapter	Apple	A2244	/	/	/
Mobile phone	Apple	iphone 14	/	/	/

3. Test Requirement

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

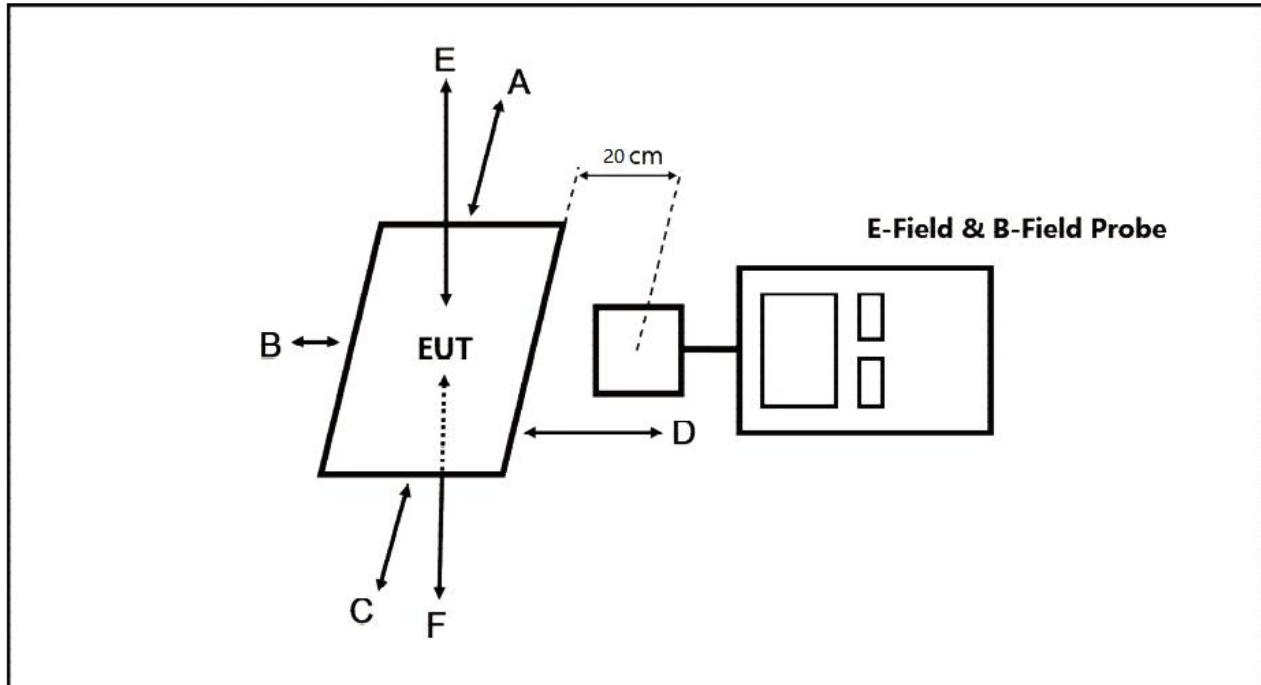
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	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

4. 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	2024/11/16	2025/11/15

5. Test Setup



- 1) The RF exposure test was performed in anechoic chamber.
- 2) 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.
- 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.

6. Assessment Result

Note: The sensitive elements are located approximately 8mm below the external surface

6.1 E-Field Strength Test Date

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

Charging Battery Level	Measured Distance (cm)	Measured E-Field Strength Values (V/m)						FCC E-Field Strength Limits (V/m)
		Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	
Full load	20	0.1595	1.7536	1.5274	1.5275	2.9507	2.6685	614
Half load	20	0.2357	1.7915	1.6034	1.5656	3.0265	2.7817	614
No load	20	0.3104	1.864	1.6407	1.5925	3.1016	2.8573	614

Note: $V/m = A/m \times 377$

6.2 H-Field Strength Test Date:

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

Charging Battery Level	Measured Distance (cm)	Unit	Measured H-Field Strength Values (A/m)						FCC H-Field Strength Limits (A/m)
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	
Full load	20	uT	0.0085	0.0064	0.0054	0.0054	0.0105	0.0095	--
Full load	20	A/m	0.0066	0.0056	0.0042	0.0046	0.0084	0.0076	1.63
Half load	20	uT	0.0087	0.0064	0.0055	0.0058	0.0106	0.0104	--
Half load	20	A/m	0.0066	0.0055	0.0048	0.0049	0.0086	0.0083	1.63
No load	20	uT	0.0084	0.0065	0.0059	0.0054	0.0104	0.0102	--
No load	20	A/m	0.0074	0.0054	0.0044	0.0042	0.0087	0.0081	1.63

Note: A/m=uT/1.25

Note: A/m=uT/1.25

7. Test Set-up Photo





Test Report Number: BTF250609R01304



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