



RF Exposure Report

For

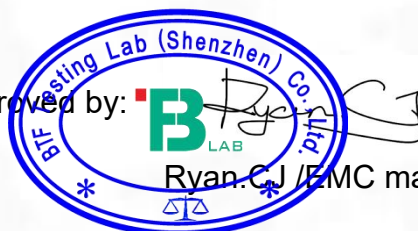
Applicant name: SHENZHEN TORRAS TECHNOLOGY CO., LTD.
Address: RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China
EUT name: Car Mount Wireless Charger
Brand name: TORRAS
Model number: WZ2A
Series model number: N/A
FCC ID: 2AN4Y-WZ2A

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: BTF251205R00102
Test standards: 47 CFR Part 1 Subpart I Section 1.1310
KDB 680106 D01 v04
Test conclusion: Pass
Date of sample receipt: 2025-12-02
Test date: 2025-12-02 to 2026-05-07
Date of issue: 2026-06-24

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	2026-06-24	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 695374.
- **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 TORRAS TECHNOLOGY CO., LTD.
Address:	RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China

2.2 Manufacturer Information

Company name:	SHENZHEN TORRAS TECHNOLOGY CO., LTD.
Address:	RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China

2.3 Factory Information

Company name:	SHENZHEN TORRAS TECHNOLOGY CO., LTD.
Address:	RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China

2.4 General Description of Equipment under Test (EUT)

EUT name:	Car Mount Wireless Charger
Under test model name:	WZ2A
Series model name:	N/A
Description of model name differentiation:	N/A
Hardware version:	N/A
Software version:	N/A
Rating:	Input: 5.0V $\overline{\text{---}}$ 3.0A/9.0V $\overline{\text{---}}$ 3.0A/12.0V $\overline{\text{---}}$ 3.0A/15.0V $\overline{\text{---}}$ 3.0A Output: 25W MAX

2.5 Test Auxiliary Equipment

No.	Description	Manufacturer	Model	Serial Number	Certification
1	iPhone	Apple	IPhone 15 pro	/	/

2.6 Test mode

No.	Test Modes	
TM1	EUT stand alone, standby.powered by AC input.	
TM2	Direct contact duringcharging/operating between theEUT& Mobile phone is poweredby AC input.	Using a mobile phone load (Battery Status:99%)
TM3		Using a mobile phone load (Battery Status:50%)
TM4		Using a mobile phone load (Battery Status:1%)
Remark:@125kHz-129kHz, 340kHz-380kHz(128kHz&360.000kHz)		

Note: All modes have been tested, only the worst case in the report. The worst mode has an output power of 25W.

3. Test Requirement

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

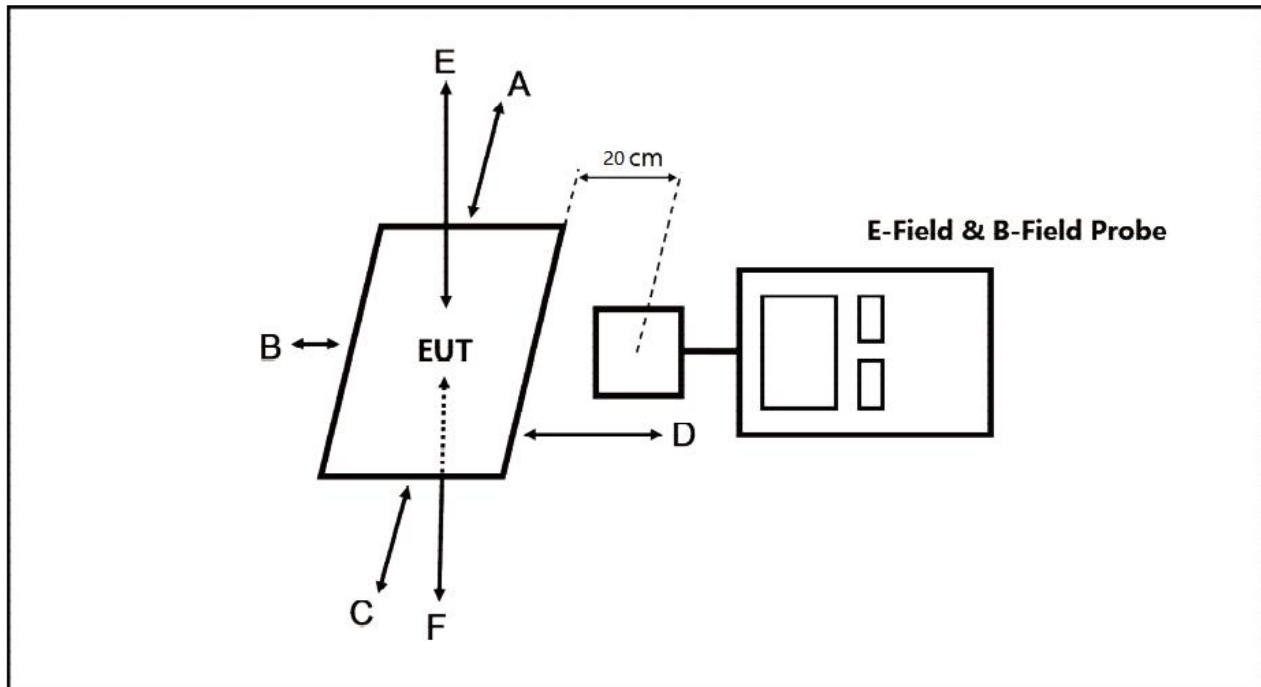
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	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	2025/11/16	2026/11/15

5. 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) were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.

6. Assessment Result

6.1 E-Field And H-Field Strength Test Date:

E-Field Strength at 20cm from the edges surrounding the EUT

Test Modes	Test Frequency (kHz)	Measured Distance (cm)	Measured E-Field Strength Values (V/m)					50% FCC E-Field Strength Limits (V/m)
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	
TM2	128.000	20	0.3648	0.1568	0.1764	0.1869	0.1246	307
TM3	128.000	20	0.2278	0.1175	0.1804	0.1552	0.1006	307
TM4	128.000	20	0.1697	0.0943	0.1157	0.1179	0.0647	307
TM2	360.000	20	0.3879	0.1764	0.1946	0.2036	0.1472	307
TM3	360.000	20	0.2463	0.1369	0.2002	0.1764	0.1162	307
TM4	360.000	20	0.1697	0.0936	0.1358	0.1366	0.0836	307

6.2 H-Field Strength Test Date:

H-Field Strength at 20cm from the edges surrounding the EUT

Test Modes	Test Frequency (kHz)	Measured Distance (cm)	Unit	Measured H-Field Strength Values (A/m)					50% FCC H-Field Strength Limits (A/m)
				Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	
TM2	128.000	20	uT	0.0508	0.0497	0.0516	0.0524	0.0507	0.815
			A/m	0.0406	0.0398	0.0413	0.0419	0.0406	
TM3	128.000	20	uT	0.0226	0.0239	0.0253	0.0246	0.0257	0.815
			A/m	0.0181	0.0191	0.0202	0.0197	0.0206	
TM4	128.000	20	uT	0.0162	0.0184	0.0167	0.0156	0.0150	0.815
			A/m	0.0130	0.0147	0.0134	0.0125	0.0120	
TM2	360.000	20	uT	0.0764	0.0738	0.0745	0.0790	0.0701	0.815
			A/m	0.0611	0.0590	0.0596	0.0632	0.0561	
TM3	360.000	20	uT	0.0654	0.0664	0.0612	0.0685	0.0614	0.815
			A/m	0.0523	0.0531	0.0490	0.0548	0.0491	
TM4	360.000	20	uT	0.0607	0.0647	0.0593	0.0599	0.0626	0.815
			A/m	0.0486	0.0518	0.0474	0.0479	0.0501	

Note: A/m=uT/1.25

7. Conclusion

When charging a smartphone, the minimum safe distance between the device and the antenna is 20 centimeters, and the emission is below the FCC KDB 680106 limit.

8. Test Set-up Photo



Side(C)



Side(A)



Side(B)



Side(D)



Top(E)



Test Report Number: BTF251205R00102



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