



# 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:** Ostand Wireless Charger  
**Brand name:** TORRAS  
**Model number:** WX3A  
**Series model number:** N/A  
**FCC ID:** 2AN4Y- WX3A

## 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:** BTF250819R00202  
**Test standards:** 47 CFR Part 1 Subpart I Section 1.1310  
**Test conclusion:** Pass  
**Date of sample receipt:** 2025-08-19  
**Test date:** 2025-08-20 to 2025-08-24  
**Date of issue:** 2025-08-25  
**Test by:** Sean He

Sean He / Tester

**Prepared by:** Chris Liu

Chris Liu / Project engineer



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	2025-08-25	Original
Note:		Once the revision has been made, then previous versions reports are invalid.

## Table of Contents

<b>1. INTRODUCTION</b>	<b>4</b>
1.1 LABORATORY LOCATION	4
1.2 LABORATORY FACILITY	4
1.3 ANNOUNCEMENT	4
<b>2. PRODUCT INFORMATION</b>	<b>5</b>
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
2.5 TEST AUXILIARY EQUIPMENT	6
2.6 TEST MODE	6
<b>3. TEST REQUIREMENT</b>	<b>7</b>
<b>4. TEST EQUIPMENT LIST</b>	<b>7</b>
<b>5. TEST SETUP</b>	<b>8</b>
<b>6. ASSESSMENT RESULT</b>	<b>9</b>
6.1 E-FIELD STRENGTH TEST DATE	9
<b>7. TEST SET-UP PHOTO</b>	<b>10</b>

## 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:	Ostand Wireless Charger
Under test model name:	WX3A
Series model name:	N/A
Description of model name differentiation:	N/A
Hardware version:	N/A
Software version:	N/A
Rating:	Input:DC 5V from type-C

## 2.5 Test Auxiliary Equipment

Description	Manufacturer	Model	Serial No.	Length	Description
USB-C Power Adapter	Apple Inc.	A2166	/	/	/
Iphone	Apple Inc.	Iphone13 Pro	/	/	/

## 2.6 .Test mode

Test item	Test mode	Description
	ANT1	Mode 1: AC/DC Adapter + EUT + Iphone13 Pro (Battery Status: 1%) Mode 2: AC/DC Adapter + EUT + Iphone13 Pro (Battery Status: 50%) Mode 3: AC/DC Adapter + EUT + Iphone13 Pro (Battery Status: 99%)
	No Loads	Mode 4: AC/DC Adapter + EUT(Null Load)

Note: All modes have been tested, and only the worst case Mode 1 are in the report.

### 3. Test Requirement

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

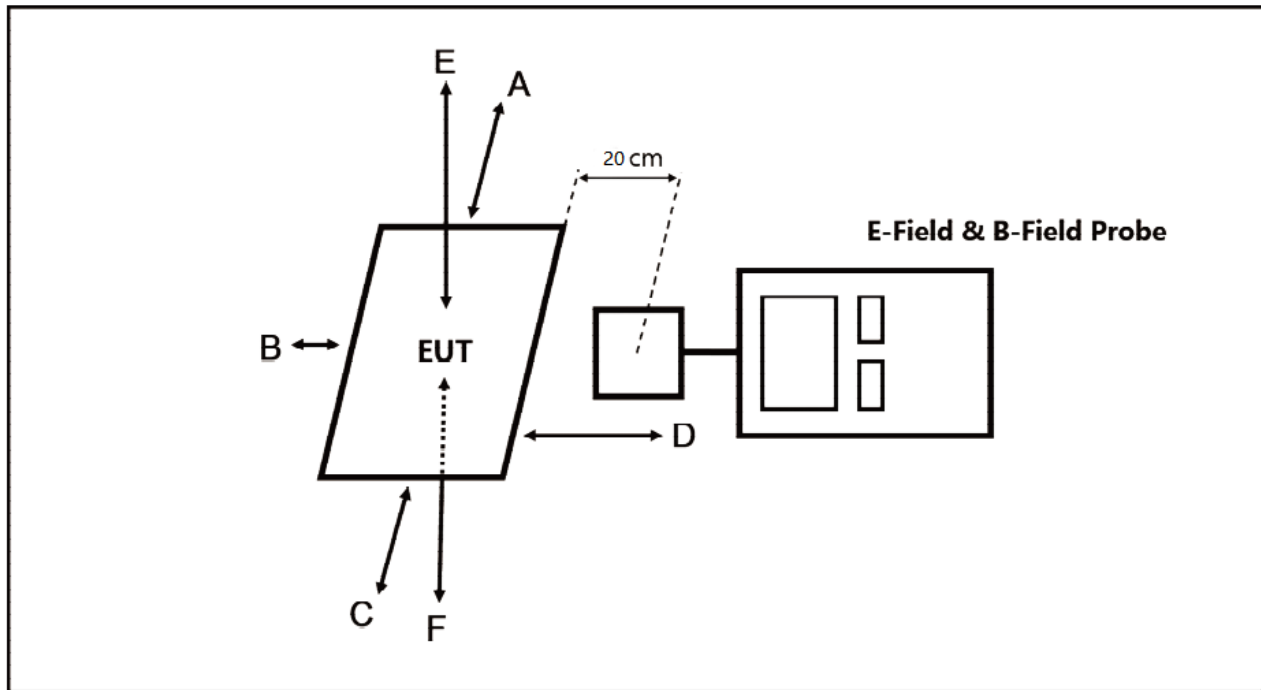
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f <sup>2</sup>	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300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



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

Note2: 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, 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 Data

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

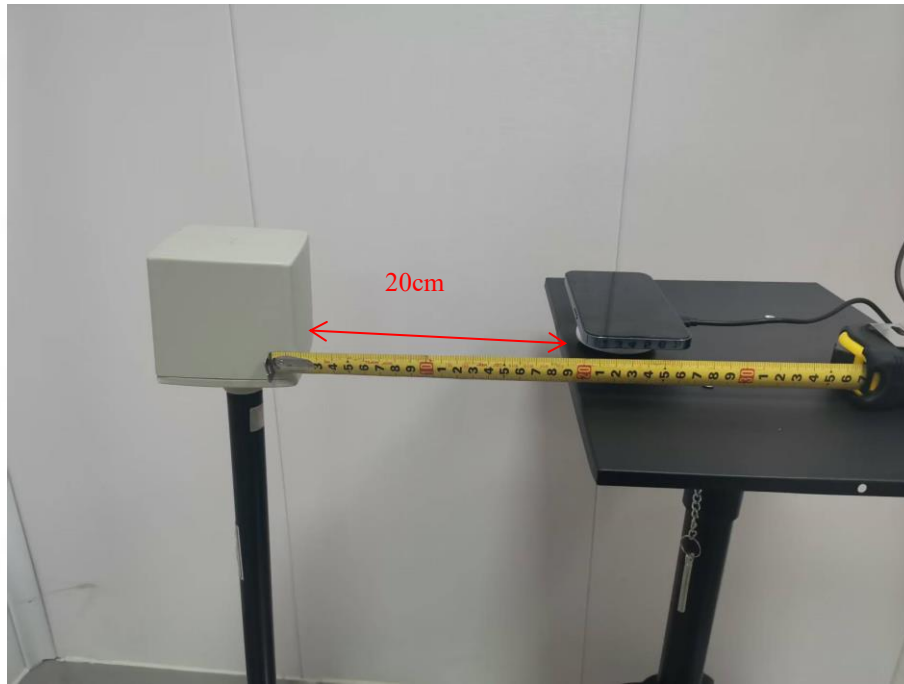
Charging Battery Level	Measured Distance (cm)	Measured E-Field Strength Values (V/m)						FCC E-Field Strength Limits (V/m)	Result
		Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F		
99%	20	0.4886	0.0651	0.1267	0.0103	0.0902	0.0787	614	Pass
50%	20	0.5658	0.1238	0.1945	0.1573	0.1467	0.1820	614	Pass
1%	20	0.6482	0.1933	0.2558	0.2243	0.1639	0.2037	614	Pass

#### H-Field Strength Test Data:

##### H-Field Strength at 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)	Result
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F		
99%	20	A/m	0.0108	0.0129	0.0142	0.0129	0.0125	0.0125	1.63	Pass
50%	20	A/m	0.0123	0.0172	0.0222	0.0197	0.0183	0.0213	1.63	Pass
1%	20	A/m	0.0200	0.0221	0.0234	0.0221	0.0217	0.0217	1.63	Pass

## 7. Test Set-up Photo





Test Report Number: BTF250819R00202



BTF Testing Lab (Shenzhen) Co., Ltd.

101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District,  
Shenzhen, China

[www.btf-lab.com](http://www.btf-lab.com)

**--END OF REPORT--**