

# **RF Exposure Report**

#### For

#### **Applicant Name:**

#### Shenzhen Boshan Intelligent Electronics Co., Ltd

Address:

EUT Name: Brand Name: Model Number: Series Model Number: 406 DiLi building,Meiheyigu, Xin'an 3 road, Bao'an district Shenzhen. Smart hand grip ring N/A SI0160 Refer to section 2

# **Issued By**

#### **Company Name:**

Address:

Report Number: Test Standards: FCC ID: Test Conclusion: Test Date: Date of Issue:

Prepared By:

Date:

Approved By:

Date:

**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

BTF231215R00702 47 CFR Part 2 Subpart J Section 2.1093 2BD7S-SI0160 Pass 2023-12-16 to 2023-12-20 2023-12-21

Aria Zhang

Aria Zhang / Project Engineerhen 2023-12-21 Ryan.CJ / EMC Manager 2023-12-21

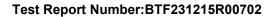
Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd., All the objections should be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

Total or partial reproduction of this document without permission of the Laboratory is not allowed. 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

Page 1 of 7



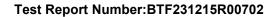
Revision History				
Version	Issue Date	Revisions Content		
R_V0	2023-12-21	Original		
Note:	Once the revision has	Once the revision has been made, then previous versions reports are invalid.		





#### **Table of Contents**

1.	Introd	uction	4
	1.1	Identification of Testing Laboratory	4
	1.2	Identification of the Responsible Testing Location	4
		Laboratory Condition	
	1.4	Announcement	
2.	Produ	ct Information	5
	2.1	Application Information	5
	2.2	Manufacturer Information	
	2.3	Factory Information	5
	2.4	General Description of Equipment under Test (EUT)	5
3.		Requirement	
	3.1	Assessment Result	6





# 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:	Shenzhen Boshan Intelligent Electronics Co., Ltd	
Address:	406 DiLi building,Meiheyigu, Xin'an 3 road, Bao'an district Shenzhen.	

# 2.2 Manufacturer Information

Company Name:	Shenzhen Boshan Intelligent Electronics Co., Ltd
Address:	406 DiLi building,Meiheyigu, Xin'an 3 road, Bao'an district Shenzhen.

# 2.3 Factory Information

Company Name:	Shenzhen Boshan Intelligent Electronics Co., Ltd
Address:	406 DiLi building,Meiheyigu, Xin'an 3 road, Bao'an district Shenzhen.

# 2.4 General Description of Equipment under Test (EUT)

EUT Name	Smart hand grip ring			
Under Test Model Name	SI0160			
Series Model Name	N/A			
Description of Model name differentiation	N/A			





# 3. Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] • [  $\sqrt{f(GHz)}$ ]  $\leq 7.5$  Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is  $\leq$  50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

#### 3.1 Assessment Result

⊠ Passed

Not Applicable

Туре	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BT-BLE	2402	-7.07	1.0	0.31	7.5	Pass

Note: The exposure evaluation safety distance is 5mm.







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--