

# **RF Exposure Report**

#### For

#### **Applicant Name:**

#### SHEN ZHEN TOMSTAR TECHNOLOGY CO., LTD.

Address:

EUT Name: Brand Name: Model Number: Series Model Number: Room2110-2116, huafeng international building, NO.4018 BaoAn Blvd, Shenzhen, China. Smart Watch N/A TG01 Refer to section 2

## **Issued By**

#### **Company Name:**

Address:

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

Prepared By:

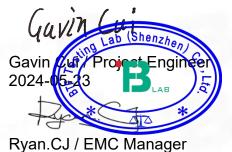
Date:

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

BTF240328R00203 47 CFR Part 2 Subpart J Section 2.1093 2APD3-TG01 Pass 2024-03-28 to 2024-04-10 2024-05-23



2024-05-23

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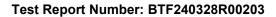
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Revision History			
Version	Issue Date	Revisions Content	
R_V0	2024-04-10	Original	
Note:			
Once the revision	has been made, then previous ve	rsions reports are invalid.	

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## 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:	SHEN ZHEN TOMSTAR TECHNOLOGY CO., LTD.		
Address:	Room2110-2116, huafeng international building, NO.4018 BaoAn Blvd, Shenzhen, China.		

## 2.2 Manufacturer Information

Company Name:	SHEN ZHEN TOMSTAR TECHNOLOGY CO., LTD.		
Address:	Room2110-2116, huafeng international building, NO.4018 BaoAn Blvd, Shenzhen, China.		

### 2.3 Factory Information

Company Name:	SHEN ZHEN TOMSTAR TECHNOLOGY CO., LTD.		
Address:	Room2110-2116, huafeng international building, NO.4018 BaoAn Blvd, Shenzhen, China.		

#### 2.4 General Description of Equipment under Test (EUT)

EUT Name:	Smart Watch
Test Model Number:	TG01
Series Model Number:	VK-5081-BK[V2], TG02, G2R, TG01-A, TRAIL FORCE S1, TG05
Description of Model name differentiation: All the models are identical to each other except for model name	
Hardware Version:	MOY.M81029.02
Software Version:	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)] • [ $\sqrt{f}(GHz)$ ]  $\leq 3.0$  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  $\leq$  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	2402	3.73	4	0.78	3.0	Pass
BLE	2402	3.92	4	0.78	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.



Test Report Number: BTF240328R00203



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## --END OF REPORT--