

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 TS137L-A TS137, TS137L, TS137L-B, H12

Issued By

Company Name:

Address:

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

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

Prepared By:

Date of Issue:

Date:

Approved By:

Date:

BTF240408R00703 47 CFR Part 2 Subpart J Section 2.1093 2APD3-TS137L-A Pass 2024-04-08 to 2024-04-19 2024-04-20

Gavin Gavin Cullerioject 2024-04-20 Ryan.CJ / EMC Manager

2024-04-20

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Revision History				
Version	Issue Date	Revisions Content		
R_V0	2024-04-20	Original		
and the second sec				
Note:Once the revision has	been made, then previous version	ns reports are invalid.		

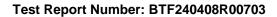
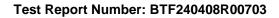




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1. Introduction

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, Ta 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℃ to 25℃
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,		

2.2 Manufacturer Information

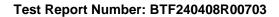
Company Name:	SHEN ZHEN TOMSTAR TECHNOLOGY CO.,LTD.
Address:	Room2110-2116, huafeng international building,NO.4018 BaoAn Blvd, Shenzhen,China.

2.3 Factory Information

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

2.4 General Description of Equipment under Test (EUT)

EUT Name	Smart Watch	
Under Test Model Name	TS137L-A	
Series Model Name	TS137, TS137L, TS137L-B, H12	
Description of Model name differentiation	All the models are identical to each other except for model name.	
Hardware Version	v5.3.1.81	
Software and Firmware Version	MOY.M81008.02	





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-EDR	2402	6.96	7	1.554	7.5	Pass
BT-BLE	2440	6.31	7	1.566	7.5	Pass

Note: The exposure evaluation safety distance is 5mm.



Test Report Number: BTF240408R00703



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

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