

RF Exposure Report

For

Applicant name: STONEX SRL

Address: via dei Mille 4, 20900 Monza-MB Italy

EUT name: Total Station

Brand name: STONEX

Model number: R40

Series model number: N/A

FCC ID: Y44-R40

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: BTF250312R00305

Test standards: 47 CFR Part 2 Subpart J Section 2.1091

Test conclusion: Pass

Date of sample

receipt: 2025-03-12

Test date: 2025-04-16 to 2025-05-19

Date of issue: 2025-06-05

Test by: Sean. He

Sean He / Tester

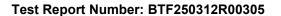
Prepared by: Chris Liu

Chris Liu /Project engineer

Approved by:



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	2025-06-05	Original		
Note:	Once the revision has b	Once the revision has been made, then previous versions reports are invalid.		

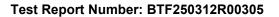




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Test Report Number: BTF250312R00305

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 518915.

CNAS - Registration No.: CNAS L17568

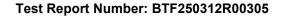
BTF Testing Lab (Shenzhen) Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L17568.

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.





2. Product Information

2.1 Application Information

Company Name:	STONEX SRL
Address:	via dei Mille 4, 20900 Monza-MB Italy

2.2 Manufacturer Information

Company Name:	STONEX SRL
Address:	via dei Mille 4, 20900 Monza-MB Italy

2.3 Factory Information

Company Name:	STONEX SRL
Address:	via dei Mille 4, 20900 Monza-MB Italy

2.4 General Description of Equipment under Test (EUT)

General Description of Equipment under Test (EOT)				
EUT name	Total Station			
Under test model name	R40			
Series model name	N/A			
Description of model name differentiation	N/A			
Hardware Version	N/A			
Software Version	N/A			
Rating:	Rechargeable Li-ion Battery: Model:LB-001 7.4V===2600mAh 19.24Wh Li-ion Battery Charger: MODEL:LC-001 INPUT:100-240VAC~50/60Hz 0.2A OUTPUT:8.4V===1000mA			



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3. Test Requirement

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b), Limits for Maximum Permissible Exposure (MPE),

Frequency range	Electric field	Magnetic field strength	Power density	Averaging time (minutes)	
(MHz)	strength(V/m)	(A/m)	(mW/cm ²)		
	(A) Limits	for Occupational/Controlled	Exposures		
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	
300-1500	-	-	f/300	6	
1500-100,000	-	-	5	6	
	(B) Limits for (General Population/Uncontr	olled 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	
300-1500	-	-	f/1500	30	
1500-100,000	- 1	-	1.0	30	

Note: f = frequency in MHz

EVALUATION METHOD

Transmission formula: $Pd = (Pout*G)/(4*pi*r^2)$

Where

Pd = power density in mW/cm², **Pout** = output power to antenna in mW, **G** = gain of antenna in linear scale; **Pi** = 3.1416, **R** = distance between observation point and center of the radiator in cm

3.1 Assessment Result

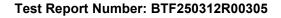
Frequency (MHz)	Туре	Conducted Power (dBm)	Maximum Tune- up (dBm)	AntennaGain (dBi)	Power Density (mW/cm2)	Limit (mW/cm2)	Result
2480	BT-EDR	1.85	2	2.0	0.00050	1.0000	Pass
2480	BT-BLE	-4.86	-3	2.0	0.00016	1.0000	Pass
2462	802.11g	14.64	15	2.0	0.00997	1.0000	Pass
5210	802.11ac (VHT80)	13.56	14	4.13	0.01293	1.0000	Pass

Note: The exposure evaluation safety distance is 20cm.

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-- END OF REPORT--