

RF EXPOSURE REPORT

Applicant	:	Tsingoal (Beijing) Technology Co., Ltd.
Address	:	10th Floor, Building A, Innovation Plaza , No.1 Zhongguancun East Road, Haidian District, Beijing
Manufacturer	:	Tsingoal (Beijing) Technology Co., Ltd.
Address	:	10th Floor, Building A, Innovation Plaza , No.1 Zhongguancun East Road, Haidian District, Beijing
Equipment under Test	:	Positioning Device
Model No.	:	TB5000-BD
FCC ID	:	2BK5RTB5000-BD
Report No.	:	LS-R25103127-1F02
Issue Date	:	Jan. 29, 2026

LabSure Testing Services (Tianjin) Co., Ltd.



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TEST REPORT DECLARE

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Address	:	10th Floor, Building A, Innovation Plaza , No.1 Zhongguancun East Road, Haidian District, Beijing

Standard Used:

FCC rule part 1 (1.1307 & 1.1310) of Title 47 of the Code of Federal Regulations
FCC rule part 2 (2.1093) of Title 47 of the Code of Federal Regulations

We Declare:

The equipment described above is tested and assessed by LabSure Testing Services (Tianjin) Co., Ltd. and in the configuration assessed the equipment complied with the standards specified above. The tested and assessed results are contained in this test report and LabSure Testing Services (Tianjin) Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these assessments.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No:	LS-R25103127-1F02		
Date of Receipt:	Jan. 13, 2026	Date of Test:	Jan. 14, 2026 - Jan. 27, 2026

Prepared By:

Reviewed by:

Novak Wei

Ethan Bao

Aaron Zhang

Novak Wei/Engineer

Ethan Bao/Engineer

Aaron Zhang/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of LabSure Testing Services (Tianjin) Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Jan. 29, 2026	

1. General information

1.1. Description of Equipment

EUT* Name	: Positioning Device
Model Number	: TB5000-BD
EUT function description	: Please reference user manual of this device
Power Supply	: DC 3.7V by Battery
Radio Specification	: UWB (8 GHz)
Operation Frequency	: 7500 MHz - 8500 MHz
Data Rate	: 6.8 Mbps
Max. EIRP	: -11dBm/50MHz
Antenna Type	: PCB antenna, maximum PK gain: 3.24 dBi
Exposure category	: General population/uncontrolled environment
Device Type	: Portable devices

1.2. Assess laboratory

LabSure Testing Services (Tianjin) Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China.

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NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

2. RF Exposure Evaluation

2.1. Requirement

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions.

This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

2.2. Estimation result

Mode	Band	EIRP Tune-up (dBm)	EIRP Tune-up (mW)
Transmitter Emissions	8000MHz	-9	0.13

Conclusion: No APD test required since transmitter power is below FCC threshold 1mW.

END OF REPORT