

TEST REPORT



REPORT NO.: CTNT230830002

Product name: DTOF LIDAR

Model No.: T5A

Applicant: Zhuhai Zhenghe Microchip Technology Co., Ltd

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



<p>TEST REPORT</p> <p>IEC 60825-1</p> <p>Safety of laser products – Part 1:</p> <p>Equipment classification and requirements</p>	
Report Number	CTNT230830002
Date of issue	September 6, 2023
Name of Testing Laboratory preparing the Report	Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-13662574496 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name	Zhuhai Zhenghe Microchip Technology Co., Ltd
Address	Room 603, 6th Floor, No. 58 Wanchuang Road, Tangjiawan Town, High tech Zone, Zhuhai City, Guangdong Province
Manufacturer's name	Zhuhai Zhenghe Microchip Technology Co., Ltd
Address	Room 603, 6th Floor, No. 58 Wanchuang Road, Tangjiawan Town, High tech Zone, Zhuhai City, Guangdong Province
Test specification:	
Standard	IEC 60825-1: 2014
Test procedure	Entrustment Test
Non-standard test method	N/A
Test Report Form No.	IEC60825_1G
Test Report Form(s) Originator	OVE
Master TRF	Dated 2021-10-05
General disclaimer:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.</p> <p>The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.</p>	
Test item description	DTOF LIDAR
Trade Mark(s)	N/A
Model/Type reference	T5A, T5X (X=A~Z or ' ')
Ratings	5 V==

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This report can be checked and verified in the following ways.

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Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen Zhongwei Testing Technology Co., Ltd.	
Testing location/ address:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer)	Andrea Xie	<i>Andrea Xie</i>
Reviewed By(Supervisor):	Airan Lu	<i>Airan Lu</i>
Approved by(Chief Engineer)	Flight Lee	<i>Flight Lee</i>
List of Attachments (including a total number of pages in each attachment): - Photo document - Test data graph		
Summary of testing:		
Tests performed (name of test and test clause): Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. According to the test of IEC 60825-1 Safety of laser products – Part 1: Equipment classification and requirements. This product complied with the requirements of Class 1.	Testing location: Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com	
Test item particulars		
Supply Connection:	Power supply	
Possible test case verdicts:		
- test case does not apply to the test object..... :	N/A	
- test object does meet the requirement	P (Pass)	
- test object does not meet the requirement	F (Fail)	
Testing		
Date of receipt of test item :	August 30, 2023	
Date (s) of performance of tests :	September 5, 2023	



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