

## TEST REPORT



REPORT NO.: CTNT230707001R

Product name: Laser Module

Model No.: See page 3

Applicant: Shenzhen Algo Technologies Co., Ltd.

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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**TEST REPORT****IEC 60825-1****Safety of laser products – Part 1:  
Equipment classification and requirements****Report Number**.....: CTNT230707001R**Date of issue**.....: Jul 21, 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

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**Applicant's name**.....: Shenzhen Algo Technologies Co., Ltd.**Address**.....:

5th Floor, Building E5, Juyin Technology Industrial Park, Ganli Road, Longgang District, Shenzhen 518116, China

**Manufacturer's name**.....: Shenzhen Algo Technologies Co., Ltd.**Address**.....:

5th Floor, Building E5, Juyin Technology Industrial Park, Ganli Road, Longgang District, Shenzhen 518116, China

**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:**

The test results presented in this report relate only to the object tested.

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<b>Test item description</b> ..... : Laser Module		
<b>Trade Mark</b> ..... : N/A		
<b>Model/Type reference</b> ..... : ALM-20BD,ALM-20BD-MK2,ALM-5BD,ALM-5BD-MK2,ALM-10BD,ALM-10BD-MK2,ALM-40BD,ALM-40BD-MK2,ALM-60BD,ALM-60BD-MK2,ALM-80BD,ALM-80BD-MK2,ALM-5K,ALM-5K-MK2,ALM-10K,ALM-10K-MK2,ALM-20K,ALM-20K-MK2,ALM-2IE,ALM-2IF,ALM-4IE,ALM-4IF,ALM-50CO		
<b>Ratings</b> ..... : 24V= 6.0A (Adapter power supply)		
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<b>Laboratory Name</b>	Shenzhen Zhongwei Testing Technology Co., Ltd.	
<b>Testing location/ address</b> ..... :	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
<b>Tested by(Test Engineer)</b> ..... :	Rock Zhou	
<b>Reviewed By(Supervisor)</b> ..... :	Airan Lu	
<b>Approved by(Chief Engineer)</b> ..... :	Flight Lee	
<b>List of Attachments (including a total number of pages in each attachment):</b> - Photo document - Test data graph		
<b>Summary of testing:</b>		
<b>Tests performed (name of test and test clause):</b> 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. <b>The laser safety class of this laser product is Class 4.</b>	<b>Testing location:</b> 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@cnt-cert.com Web: www.cnt-cert.com	
<b>Test item particulars</b> ..... :		
<b>Supply Connection</b> ..... : Adapter power supply		

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