

TEST REPORT

Applicant: EDA Technology Shanghai Co.,Ltd
Address: Building 29, No.1661 Jialuo Road, Jiading District, Shanghai, PRC

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample name: ED-AIC2000
Model No.: ED-AIC2000
Material: /

Number of samples: 2pcs
Sample Received: 2025-03-31
Test Result: ☒ Pass ☐ NA ☐ Fail

Wrote by:

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Reviewed by:

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Approved by:

Leo Wang

Date:

2025-04-29

Authorized signatory:

Leo Wang

Test Summary:

No.	Sample Name	Test item	Conclusion
1	ED-AIC2000	Mechanical shock	Pass

Test item: Mechanical shock**(1) Test equipment(s):**

Name	Number	Model	Calibration expiration date
Shock Testing Machine	LRS-336	CL-50	2026-01-07

(2) Testing date:

2025-04-07

(3) Test standard(s):

IEC 60068-2-27:2008

(4) Laboratory environmental condition(s):

Temperature: (22.1~23.2)℃, humidity: (61~65)% (RH)

(5) Test condition(s):

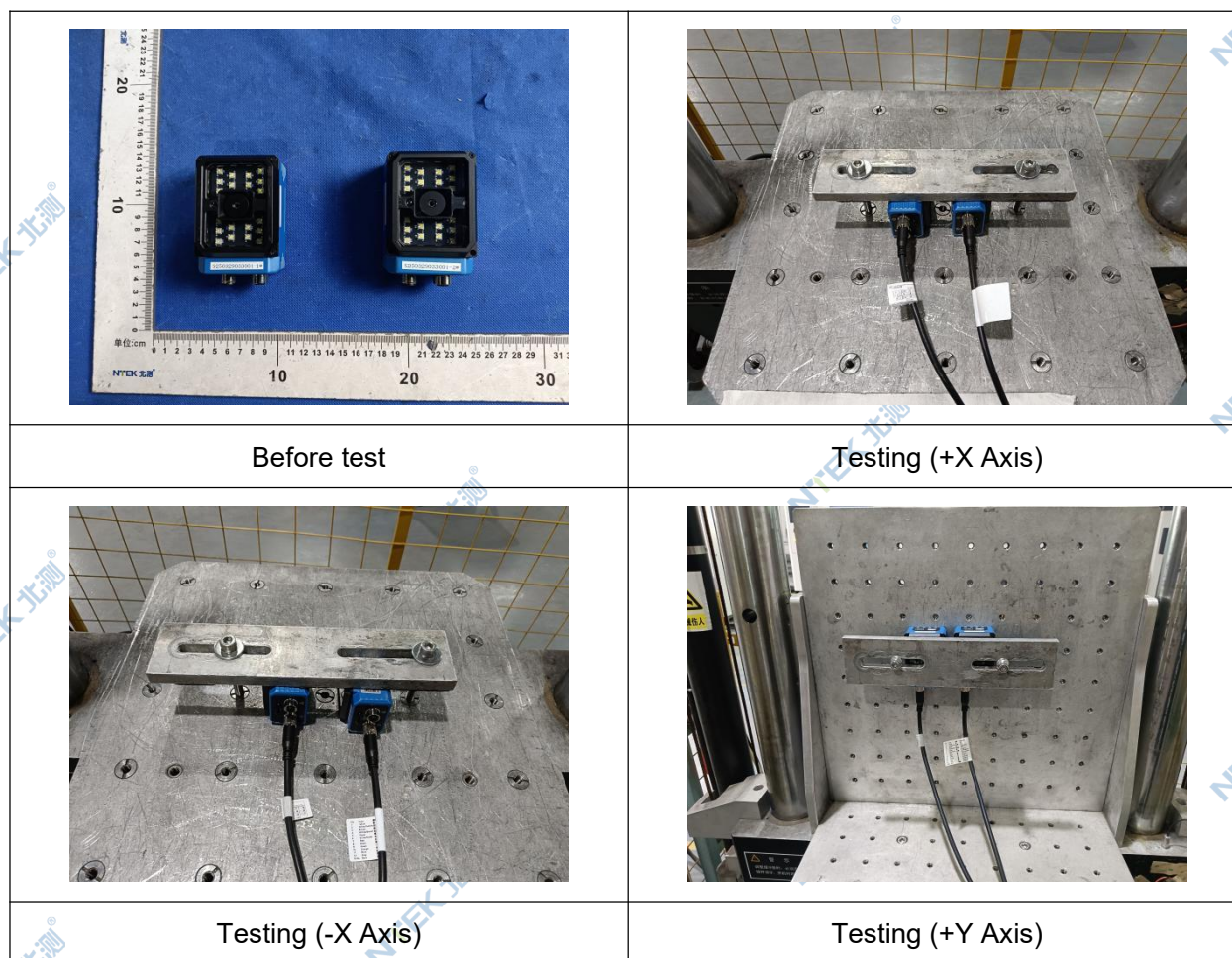
- 1) Sample test status: Unpackaged, powered on;
- 2) Peak acceleration: 50g
- 3) Pulse Duration: 11ms
- 4) Pulse waveform: Half sine
- 5) Test axial direction: $\pm X$ 、 $\pm Y$ 、 $\pm Z$
- 6) Number of shocks: 3 times per axis, a total of 18 times
- 7) Power on instructions:
 - ① Install the M12 cable onto the M12 aviation socket of the tested blue ED-AIC2000 machine;
 - ② Secure the tested blue ED-AIC2000 machine and red relay module to prevent short circuits between the two;
 - ③ Connect two 24V adapters to the DC sockets of the tested blue ED-AIC2000 machine and red relay module respectively;
 - ④ When powered on and working normally, the tested blue ED-AIC2000 will automatically flash.

(6) Test request (s):

During and after the test of the tested prototype, the flashing was normal and the relay worked normally.

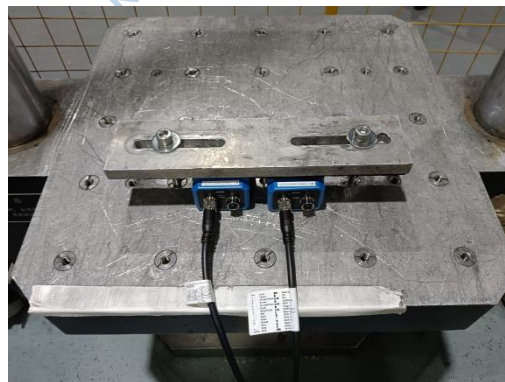
(7) Test Result(s):

Sample No.	Test result	Conclusion
S250329033001-1#	During and after the experiment, the tested prototype flashes normally and the relay works normally.	Pass
S250329033001-2#	During and after the experiment, the tested prototype flashes normally and the relay works normally.	Pass

(8) Test photo(s):



Testing (-Y Axis)



Testing (+Z Axis)



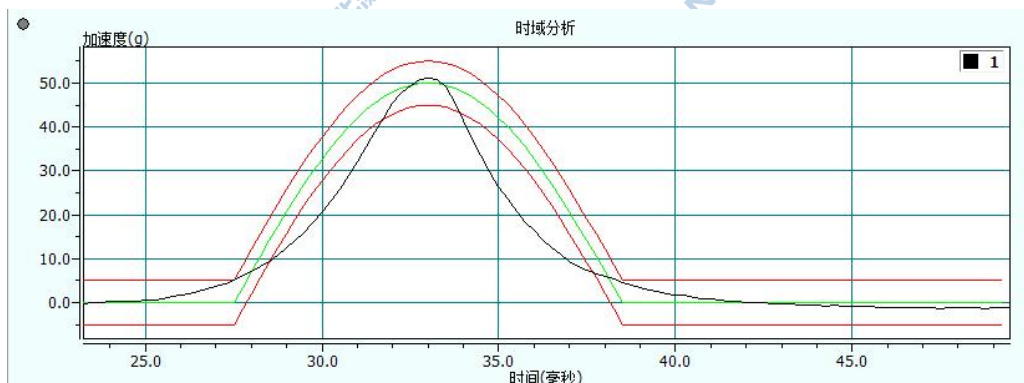
Testing (-Z Axis)



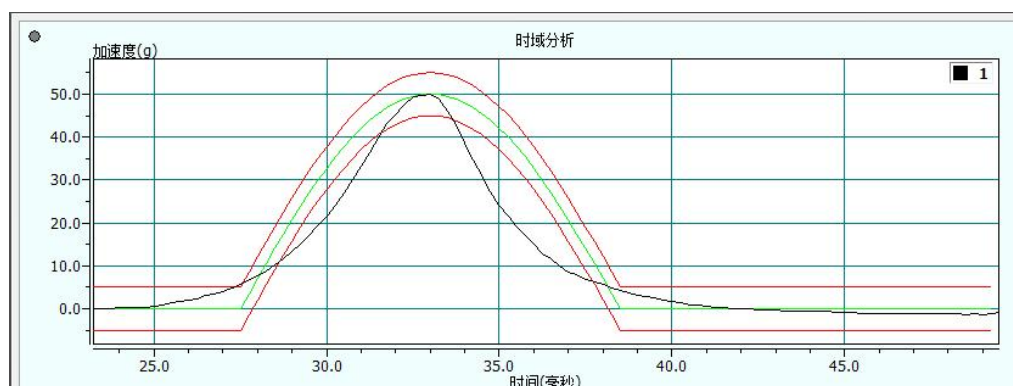
After test



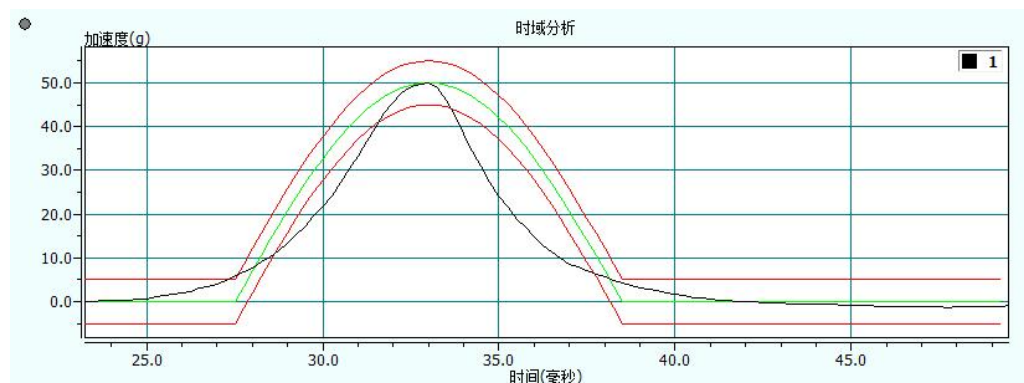
After test-Functional check



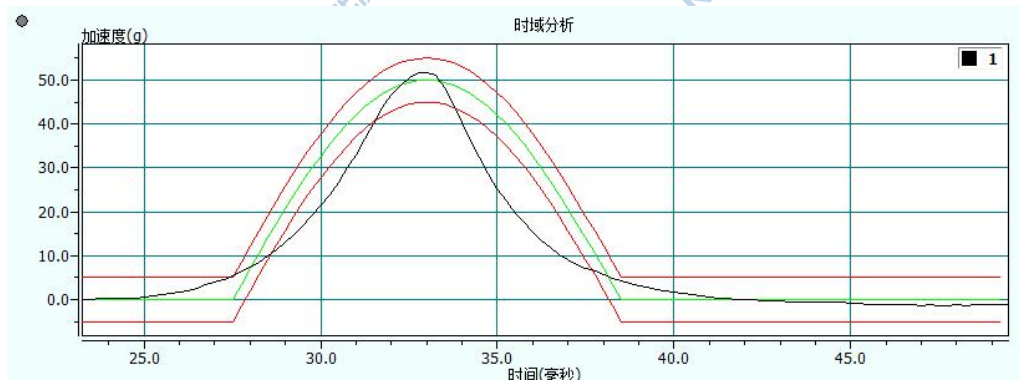
Mechanical impact curve (+X Axis)



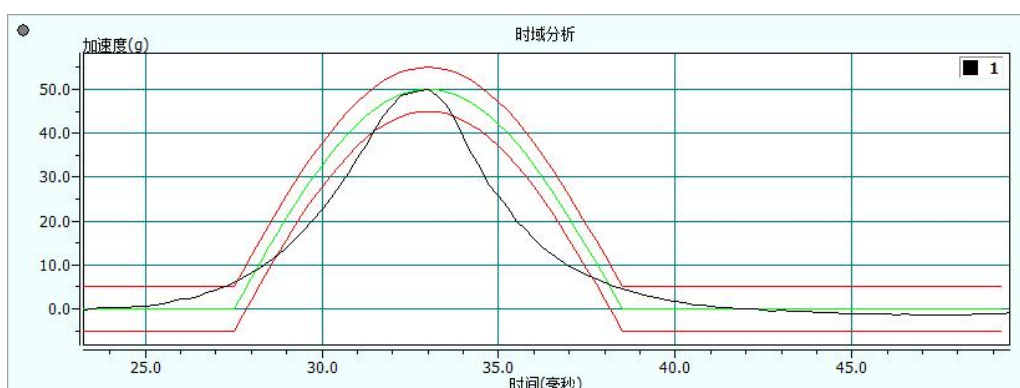
Mechanical impact curve (-X Axis)



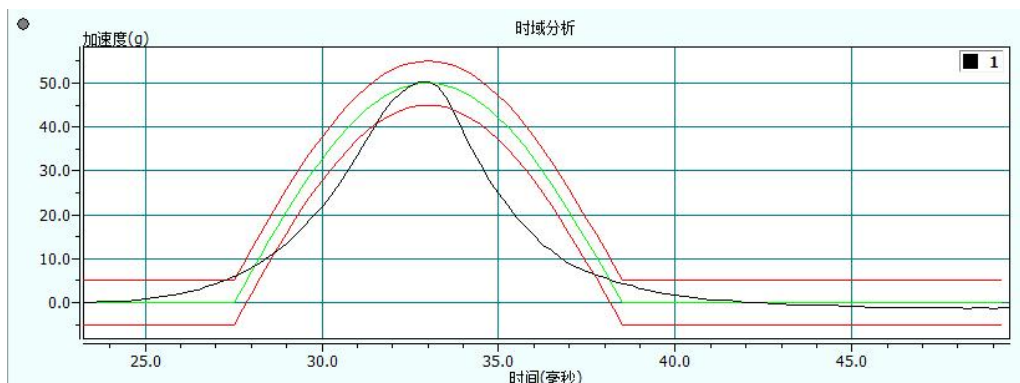
Mechanical impact curve (+Y Axis)



Mechanical impact curve (-Y Axis)



Mechanical impact curve (+Z Axis)



Mechanical impact curve (-Z Axis)

****End of Report****

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