



中国认可
国际互认
检测
TESTING
CNAS L11555

Test Report

Sample Name	: Industrial Operation Panel
Sample Model	: IDD5919L-R2-18K-Tpunch
Inspection Classification	: Commission test
Manufacturer	: Shanghai Panelmate Electronics Co., Ltd.
Client	: Shanghai Panelmate Electronics Co., Ltd.



Guangzhou LCS Compliance Testing Laboratory Ltd.



Guangzhou LCS Compliance Testing Laboratory Ltd.
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Test Report

Client : Shanghai Panelmate Electronics Co., Ltd.
Address : Building 18th, No.177 Fulian 2nd Rd. Baoshan District, Shanghai, 201906
Manufacturer : Shanghai Panelmate Electronics Co., Ltd.
Address : Building 18th, No.177 Fulian 2nd Rd. Baoshan District, Shanghai, 201906

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

Sample Name : Industrial Operation Panel
Sample Model : IDD5919L-R2-18K-Tpunch
Sample Quantity : 1PC
Sample tested Status : Normal
Sample received Date : Aug.2, 2022
Sample tested Date : Aug.15, 2022~Aug.16, 2022

Test result information:

Test item : See the text
Test standard : IEC 60068-2-27:2008, IEC 60068-2-6:2007
Test result : PASS

Leo Huang
Edited by Leo Huang
Aug.18, 2022

Sound.chen
Checked by Sound Chen
Aug.18, 2022

Approved by Kizard Zhang
Aug.18, 2022





Test Report

Revise Record

[illegible]

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1. Test Result Summary

No.	Test Item	Test Standard	Test sample	Test date	Result
1	Package mechanical shock test	IEC 60068-2-27:2008	Industrial Operation Panel	Aug.15, 2022	PASS
2	Package vibration test	IEC 60068-2-6:2007	Industrial Operation Panel	Aug.15, 2022	PASS
3	Mechanical shock test	IEC 60068-2-27:2008	Industrial Operation Panel	Aug.15, 2022	PASS
4	Vibration test	IEC 60068-2-6:2007	Industrial Operation Panel	Aug.16, 2022	PASS

2. Sample Information

2.1. Client Information

Client Name :Shanghai Panelmate Electronics Co., Ltd.

Client Address :Building 18th, No.177 Fulian 2nd Rd. Baoshan District, Shanghai, 201906

2.2 Manufacturer Information

Manufacturer Name :Shanghai Panelmate Electronics Co., Ltd.

Manufacturer Address :Building 18th, No.177 Fulian 2nd Rd. Baoshan District, Shanghai, 201906

2.3 Sample Information

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C072722001-001	Industrial Operation Panel	IDD5919L-R2-18K-Tpunch	1PC	Normal

3. Test Laboratory

This test report was provided by Guangzhou LCS Compliance Testing Laboratory Ltd.

Lab Address: No 44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

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Fax: +(86) 020-39166689



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4. Test Items

4.1 Package mechanical shock test

1) Environment conditions:

Temperature: 24.3℃ Humidity: 52%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C072722001-001	Industrial Operation Panel	IDD5919L-R2-18K-Tpunch	1PC	Normal

3) Reference Basis: IEC 60068-2-27:2008

4) Test Condition:

1. Acceleration: 10g;
2. Pulse duration: 7ms;
3. Test axis: $\pm X$, $\pm Y$, $\pm Z$;
4. Shock times: 3/axis;
5. Test times : total 18;
6. Sample test condition: Package;
7. Judgment requirements: After the test, there is no obvious damage to the package.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	GLCS-S-177	Nov.29, 2022

6) Test Results:

Sample No.	Test Result	Judgment
C072722001-001	After the test, there is no obvious damage to the package, the sample appearance and function are normal.	PASS



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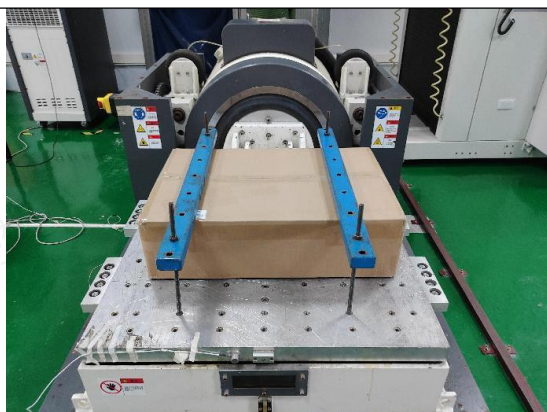
Test Report

7) Test Photos

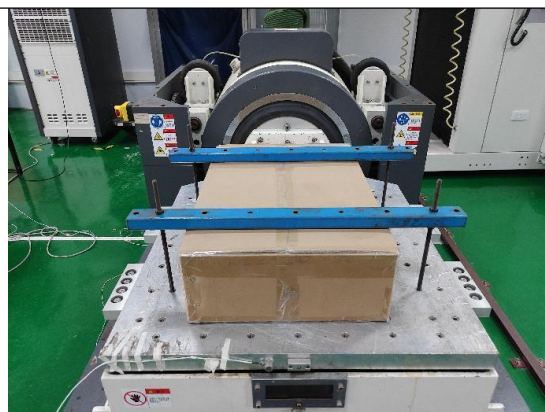
Sample Photo before the Test:



Sample Photo during the Test:



±X axis



±Y axis



±Z axis



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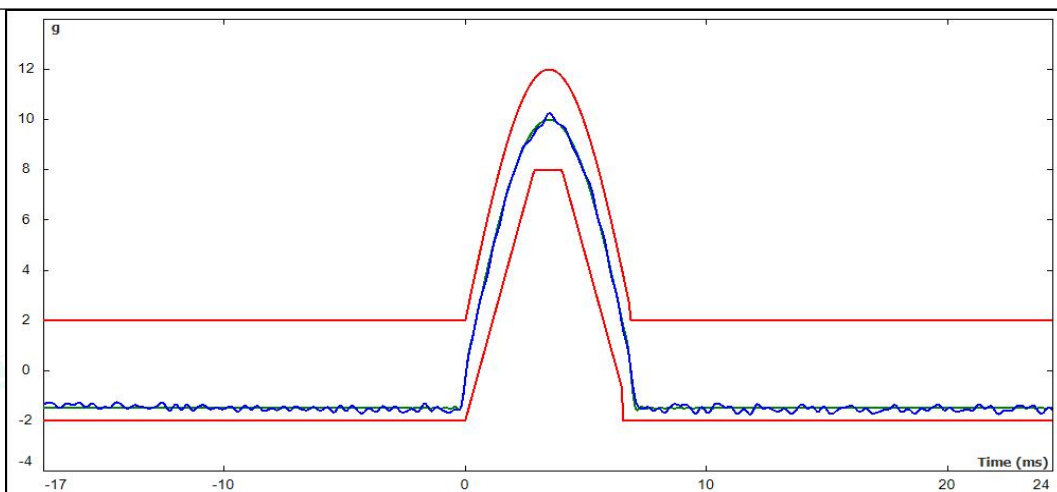


Test Report

Sample Photo after the Test:



Test curve



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Test Report

4.2 Package vibration test

1) Environment conditions:

Temperature: 24.5°C Humidity: 55%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C072722001-001	Industrial Operation Panel	IDD5919L-R2-18K-Tpunch	1PC	Normal

3) Reference Basis: IEC 60068-2-6:2007

4) Test Condition:

Frequency(Hz)	Acceleration (g)	Application(mm)
1~9	/	3.5
9~500	1	/

1. Test axis: X, Y, Z;
2. Test time: 1h/axis;
3. Sample test condition: Package;
4. Judgment requirements: After the test, there is no obvious damage to the package.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	GLCS-S-177	Nov.29, 2022

6) Test Results:

Sample No.	Test Result	Judgment
C072722001-001	After the test, there is no obvious damage to the package, the sample appearance and function are normal.	PASS



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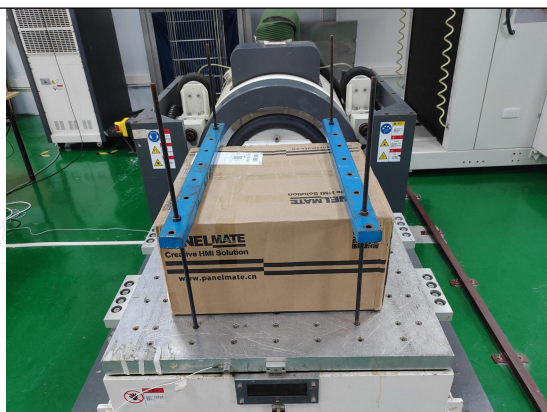
Test Report

7) Test Photos

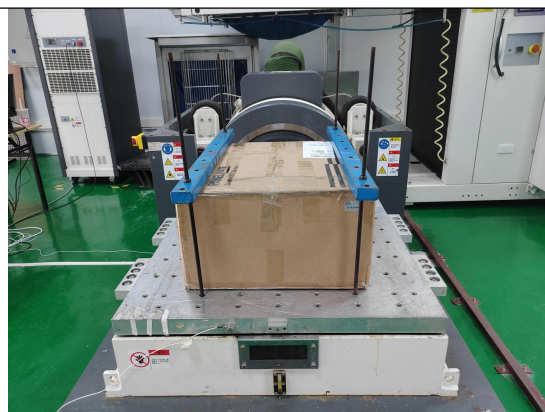
Sample Photo before the Test:



Sample Photo during the Test:



X axis



Y axis



Z axis



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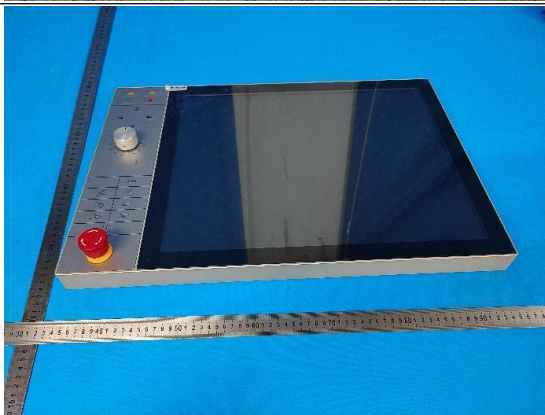
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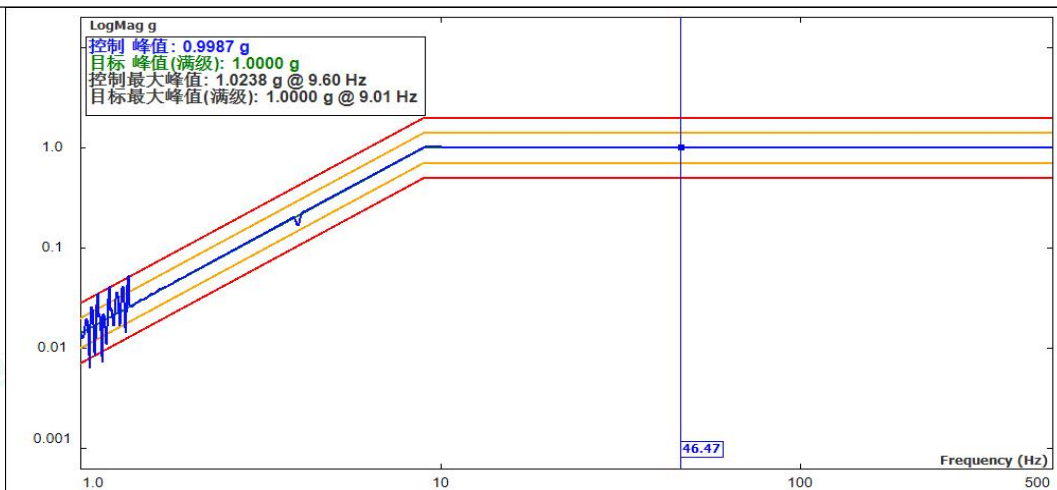


Test Report

Sample Photo after the Test:



Test curve



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4.3 Mechanical shock test

1) Environment conditions:

Temperature: 24.2°C Humidity: 52%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C072722001-001	Industrial Operation Panel	IDD5919L-R2-18K-Tpunch	1PC	Normal

3) Reference Basis: IEC 60068-2-27:2008

4) Test Condition:

1. Acceleration: 10g;
2. Pulse duration: 11ms;
3. Test axis: $\pm X$, $\pm Y$, $\pm Z$;
4. Shock times: 3/axis;
5. Test times : total 18;
6. Sample test condition: Non-package/Operation;
7. Judgment requirements: During the test, the sample function is normal; After the test, the sample appearance and function are normal.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	GLCS-S-177	Nov.29, 2022

6) Test Results:

Sample No.	Test Result	Judgment
C072722001-001	During the test, the sample function is normal; After the test, the sample appearance and function are normal.	PASS



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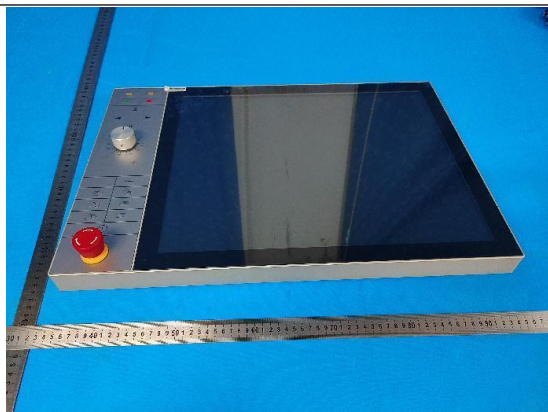
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Test Report

7) Test Photos

Sample Photo before the Test:



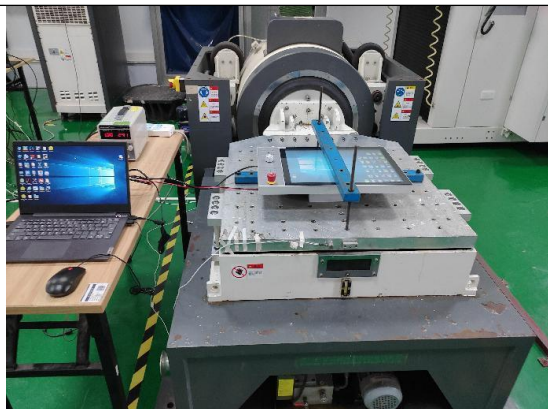
Sample Photo during the Test:



±X axis



±X axis



±Y axis



±Y axis



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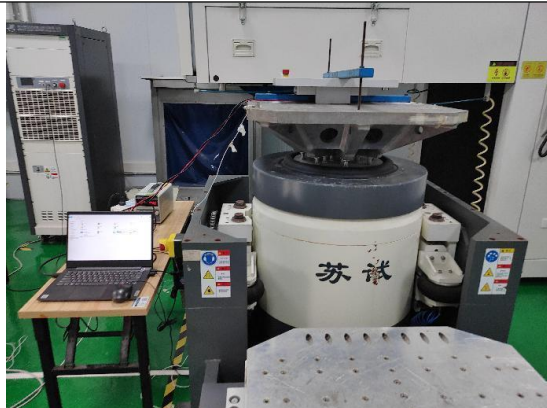
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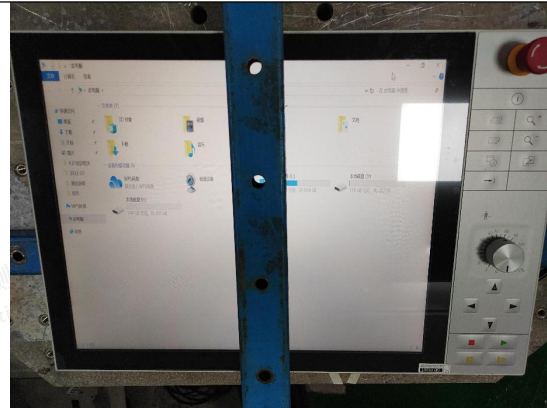


Test Report

Sample Photo during the Test:



±Z axis

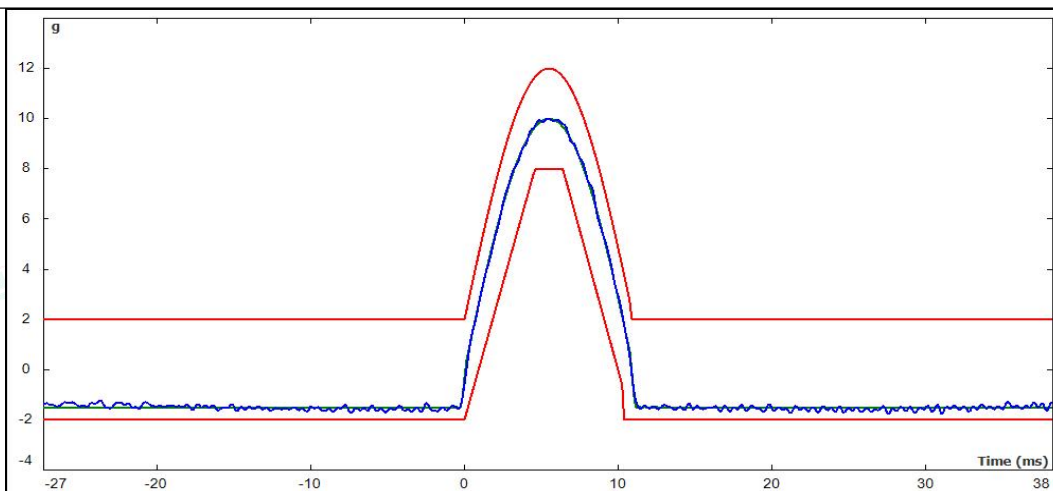


±Z axis

Sample Photo after the Test:



Test curve



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Test Report

4.4 Vibration test

1) Environment conditions:

Temperature: 23.9°C Humidity: 54%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
C072722001-001	Industrial Operation Panel	IDD5919L-R2-18K-Tpunch	1PC	Normal

3) Reference Basis: IEC 60068-2-6:2007

4) Test Condition:

Frequency(Hz)	Acceleration (g)	Application(mm)
5~9	/	3.5
9~150	1	/

1. Test axis: X, Y, Z;
2. Test time: 1h/axis;
3. Sample test condition: Non-package/Operation;
4. Judgment requirements: During the test, the sample function is normal; After the test, the sample appearance and function are normal.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	GLCS-S-177	Nov.29, 2022

6) Test Results:

Sample No.	Test Result	Judgment
C072722001-001	During the test, the sample function is normal; After the test, the sample appearance and function are normal.	PASS



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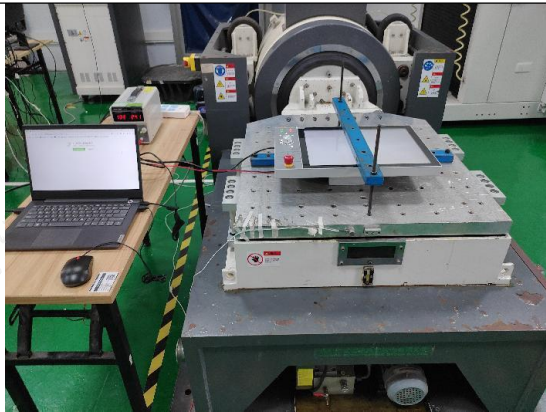
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7) Test Photos

Sample Photo before the Test:



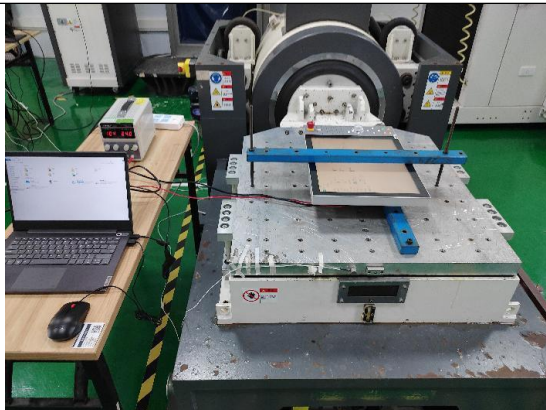
Sample Photo during the Test:



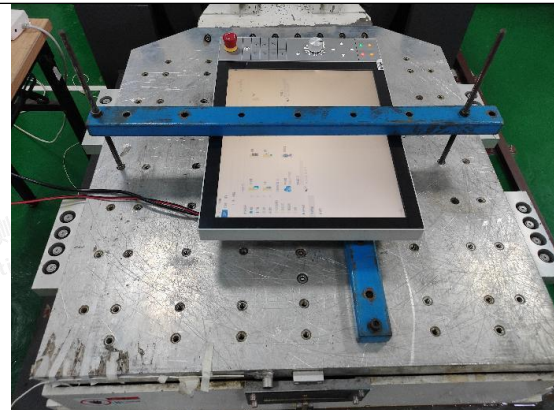
X axis



X axis



Y axis



Y axis



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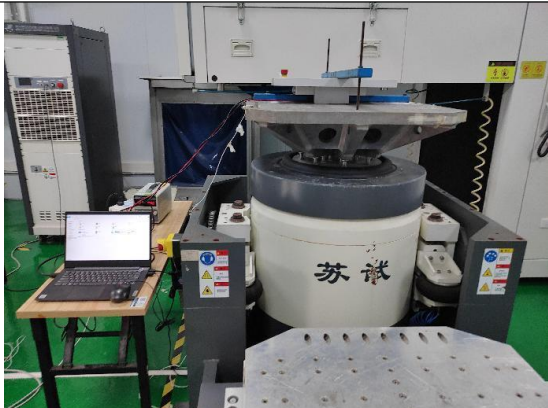
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Test Report

Sample Photo during the Test:

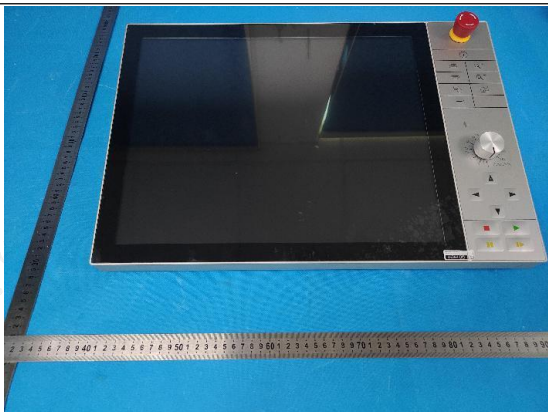


Z axis

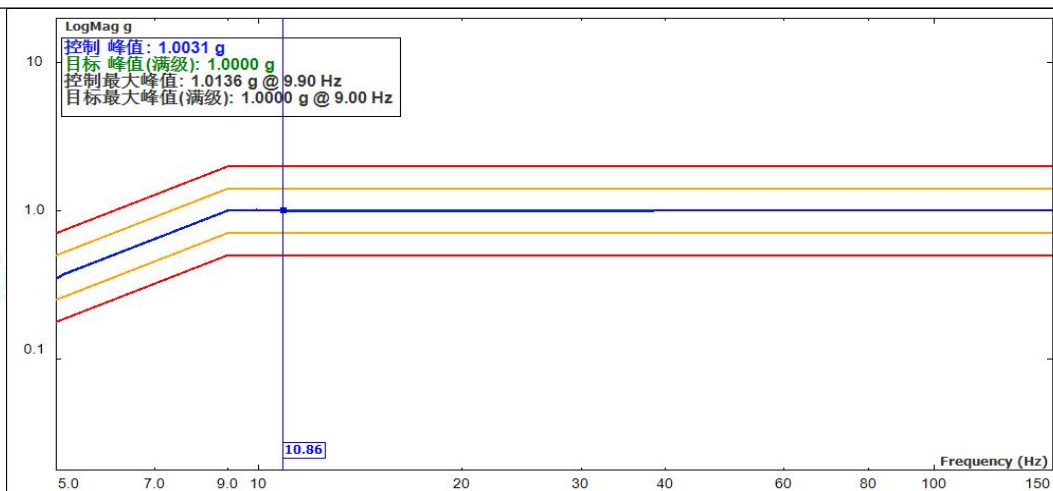


Z axis

Sample Photo after the Test:



Test curve



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3. The report will be invalid without signature of testing person, review person and approved person.
4. Report will be invalid if altered.
5. If there is any objection to the test report, it should be submitted to the lab within 15 days.
Otherwise, objection invalid.
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