

Test Report

Sample Name: _____ VCCR300

Sample Type: _____ VCCR300

Applicant: _____ Panyu Trio Microtronics Co.Ltd

Fugang Testing Service (Dongguan) Co., Ltd.



Fugang Testi

Test Report

No. : FTS2305015DG-1E-1/A

Date : May 23, 2023

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Applicant Information

Applicant : Panyu Trio Microtronics Co.Ltd

Address : Shiji Village Industrial District Dongyong Town nansha District Canton City

Sample Information

Sample Name : VCCR300

Sample Model : VCCR300

Production Lot Number : /

The above sample information is provided by the client

Packing Description : Double corrugated box, connection method is adhesive, the box is not printed, and the sealing method is tape sealing

Package Dimension : (l)385mm*(w)220mm*(h)170mm (Actual measurement in laboratory)

Package Weight : 10.65kg (Actual measurement in laboratory)

Sample Quantity : 1 carton (12 units)

Sample Number : FTS2305015DG-01-1

Received Date : May 19, 2023

Test information

Test Methods : ISTA 3A: 2018 (Standard)

Test Result : The outer packing box is not damaged; The inner packaging boxes are not damaged; The sample has no visible damage.

Lab.Temperature : 23.2°C~26.3°C

Lab.Humidity : 53%RH~56%RH

Test Date : May 19, 2023~May 22, 2023

Report Date : May 23, 2023

Report Preparer :

Rocd

Report Reviewer :

Kema

Report Approver :

Selak

Authorized signatory



1. 本检测报告中的检测结果仅对提交本次试验的样品有效。

The test results in this test report are only valid for the samples submitted for this test.

2. 本检测报告无报告专用章、无报告编制、审核、批准人签字无效。

The test report is invalid without special seal for report and without signature of the person preparing, reviewing and approving the report.

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If there is any discrepancy between the Chinese version and the English version of the report, the Chinese version shall prevail.

检测单位(Detection unit): 富港检测技术(东莞)有限公司(Fugang Testing Service (Dongguan) Co., Ltd.)

地址(Address): 中国广东省东莞市东城街道皂三市场街5号(No.5 Zaosan Market Street, Dongcheng Street, Dongguan City, Guangdong Province, China)

电话(Tel): 4001810036

Form Number: FTS-ZL-7.8-3

Fugang Testing Service (Dongguan) Co., Ltd.

Version: 1A

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No. : FTS2305015DG-1E-1/A

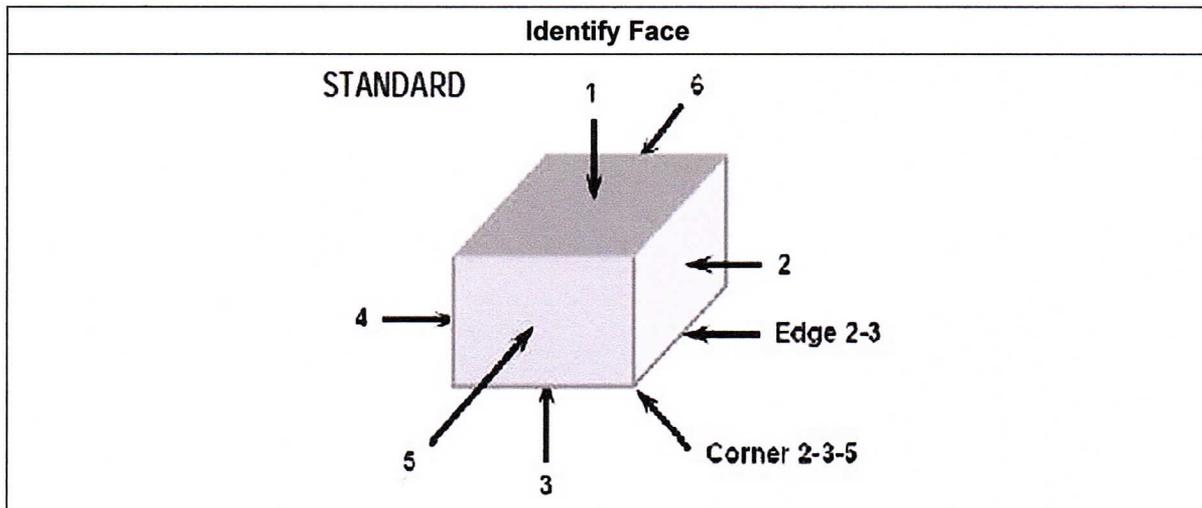
Date : May 23, 2023

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1、 Test Process

| Sequence | Test Category | Test Type | Test Level | For ISTA Certification |
|----------|-----------------------------|----------------------------------|---|------------------------|
| 1 | Atmospheric Preconditioning | Temperature and Humidity | Ambient | Required |
| 2 | Shock | Drop | 9 Drops - height varies with packaged-product weight | Required |
| 3 | Vibration | Random With and Without Top Load | Overall G _{rms} level of 0.53 and Overall G _{rms} level of 0.46 | Required |
| 4 | Shock | Drop | 8 Drops - height varies with packaged-product weight; Includes drop on hazard. | Required |

2、 Orientation Identification



3、 Test Schedule

3.1 Sample state before test

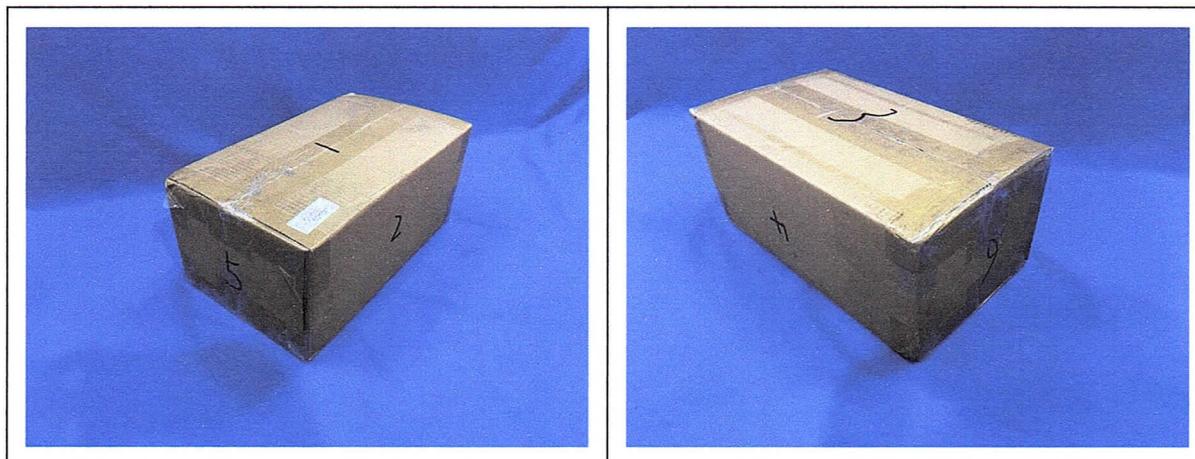
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3.2 Atmospheric Preconditioning

The product is placed under laboratory temperature and humidity (23 °C ± 5 °C, 50% RH ± 10% RH) for 12 hours.

3.3 Drop

3.3.1 Test conditions

| No. | Impact Orientation | Drop height |
|-----|--------------------|-------------|
| 1 | Edge (3-4) | 460mm |
| 2 | Edge (3-6) | |
| 3 | Edge (4-6) | |
| 4 | Corner (3-4-6) | |
| 5 | Corner (2-3-5) | |
| 6 | Edge (2-3) | |
| 7 | Edge (1-2) | |
| 8 | Face (3) | 910mm |
| 9 | Face (3) | 460mm |

3.3.2 Test picture

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Edge (3-4)



Edge (3-6)



Edge (4-6)



Corner (3-4-6)



Corner (2-3-5)



Edge (2-3)

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| | |
|--|--|
|  |  |
| Edge (1-2) | Face (3) |
|  | / |
| Face (3) | / |

3.4 Random With and Without Top Load

3.4.1 Test Conditions

| Test face | Load formula | Top-Load (kg) | Test time |
|-------------------------------|------------------|--|-----------|
| L=0.385m; W=0.220m; H=0.170m. | | | |
| Face (3) | (2.7-H) xLxWx100 | 22kg | 60 min |
| Face (4) | (2.7-W) xLxHx100 | 18kg | 30 min |
| Face (6) | (2.7-L) xWxHx100 | Without Top Load (Less than 11kg,do not use a Top-load) | 30 min |
| Face (3) | Without Top Load | | 30 min |

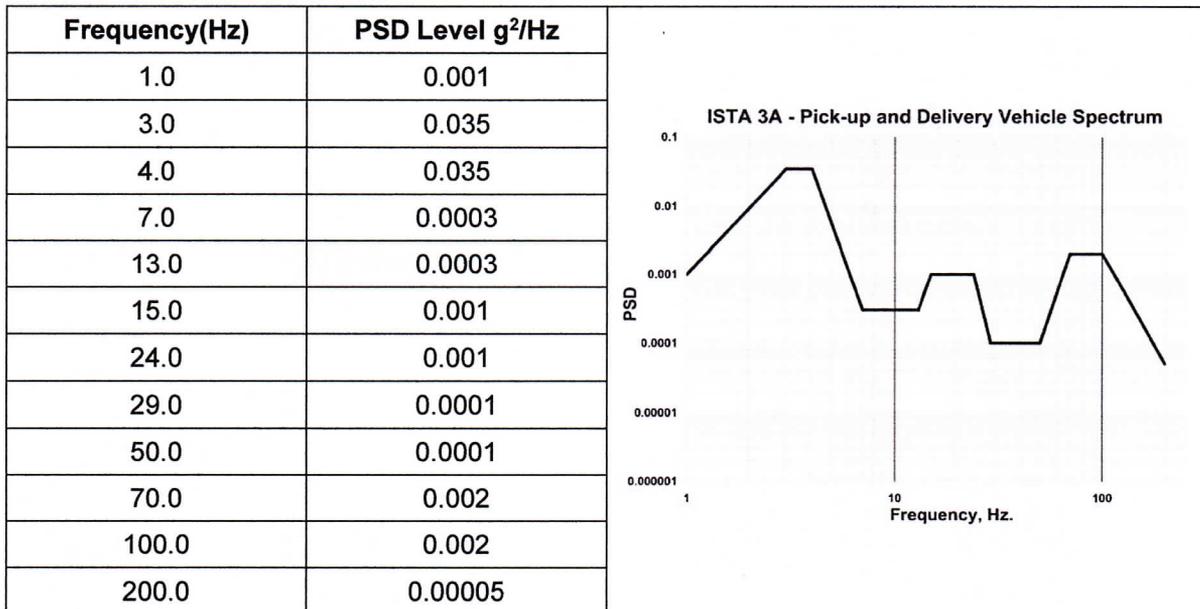
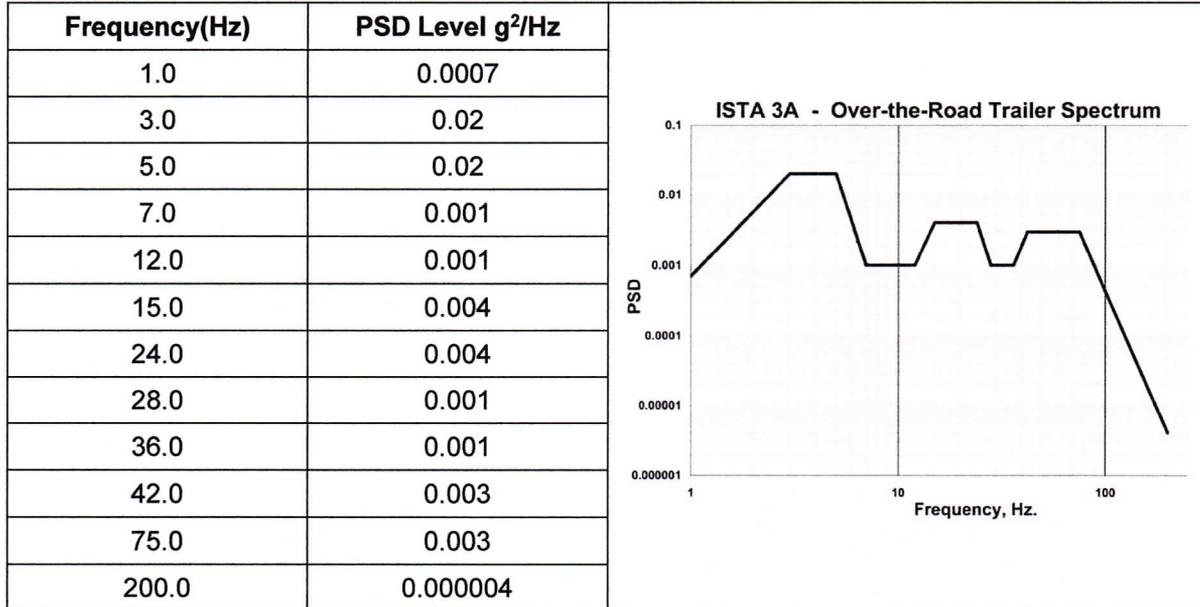
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3.4.2 Test picture

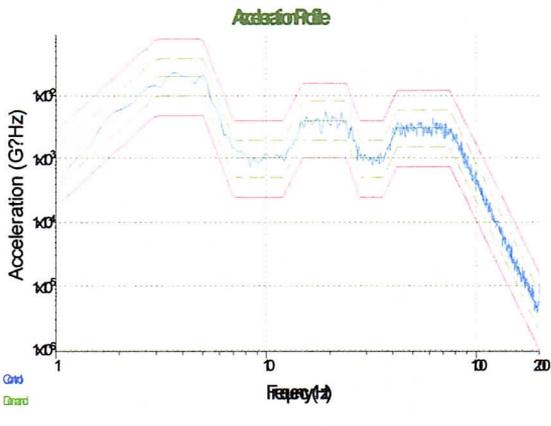
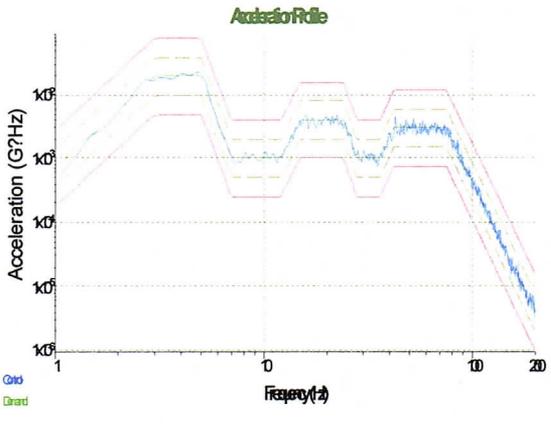
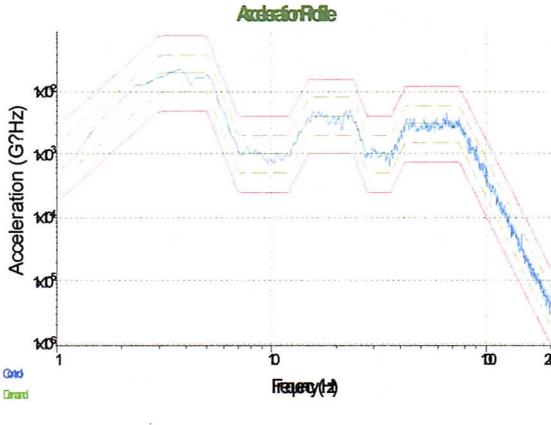
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| | |
|---|--|
|  |  |
| <p>Face (3)</p> | <p>Test curve</p> |
|  |  |
| <p>Face (4)</p> | <p>Test curve</p> |
|  |  |
| <p>Face (6)</p> | <p>Test curve</p> |

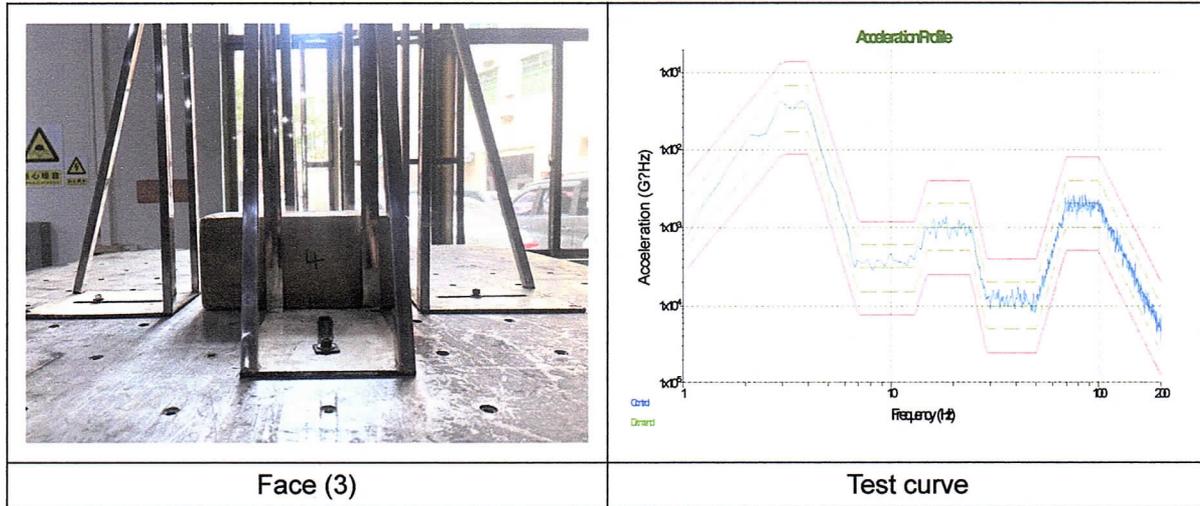
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3.5 Drop

3.5.1 Test conditions

| No. | Impact Orientation | Drop height |
|-----|--------------------|-----------------------------------|
| 1 | Edge (3-4) | 460mm |
| 2 | Edge (3-6) | |
| 3 | Edge (1-5) | |
| 4 | Corner (3-4-6) | |
| 5 | Corner (1-2-6) | |
| 6 | Corner (1-4-5) | |
| 7 | Face (3) | 910mm |
| 8 | Face (3) | 460mm(Standard: Face 3 on hazard) |

3.5.2 Test picture

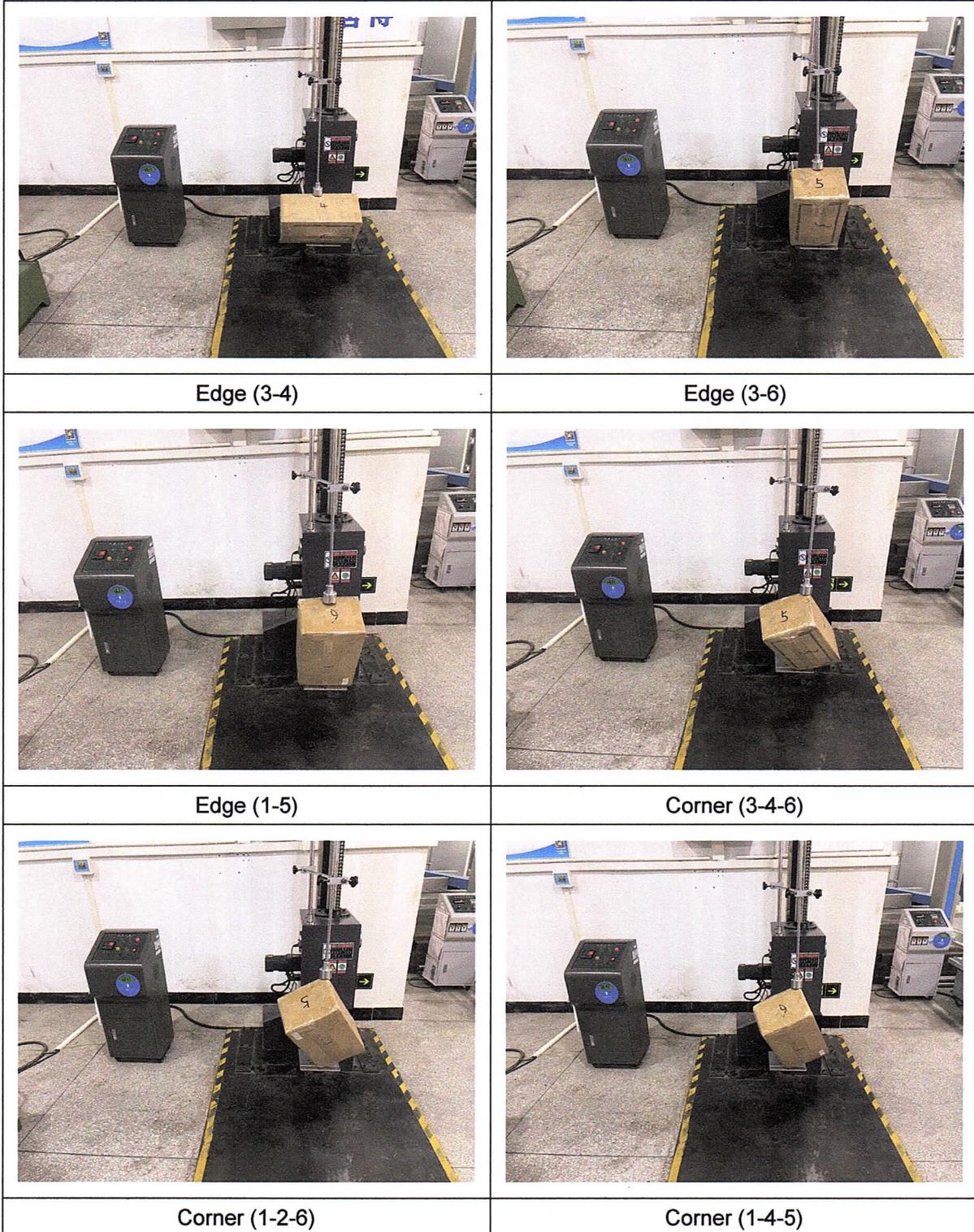
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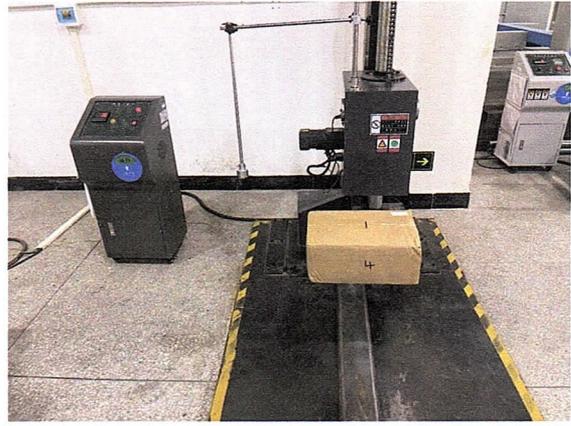
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Face (3)

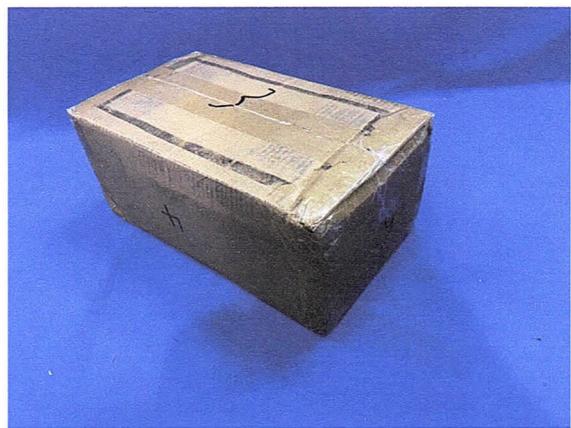
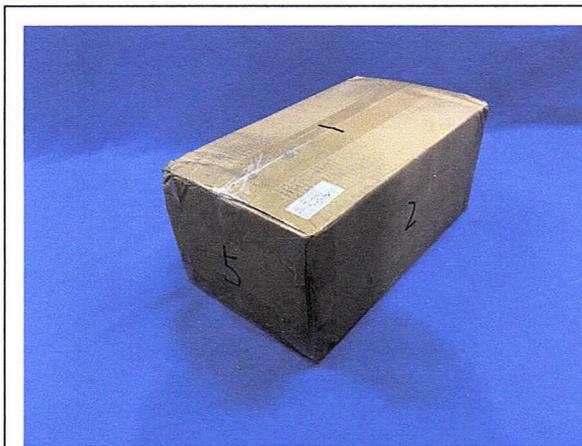


Face (3)

4. Test Result

| | |
|---------------------|--|
| Outer packing box | The outer packing box is not damaged. |
| Inner packaging box | The inner packaging boxes are not damaged. |
| sample | The sample has no visible damage. |

4.1 Sample status after test

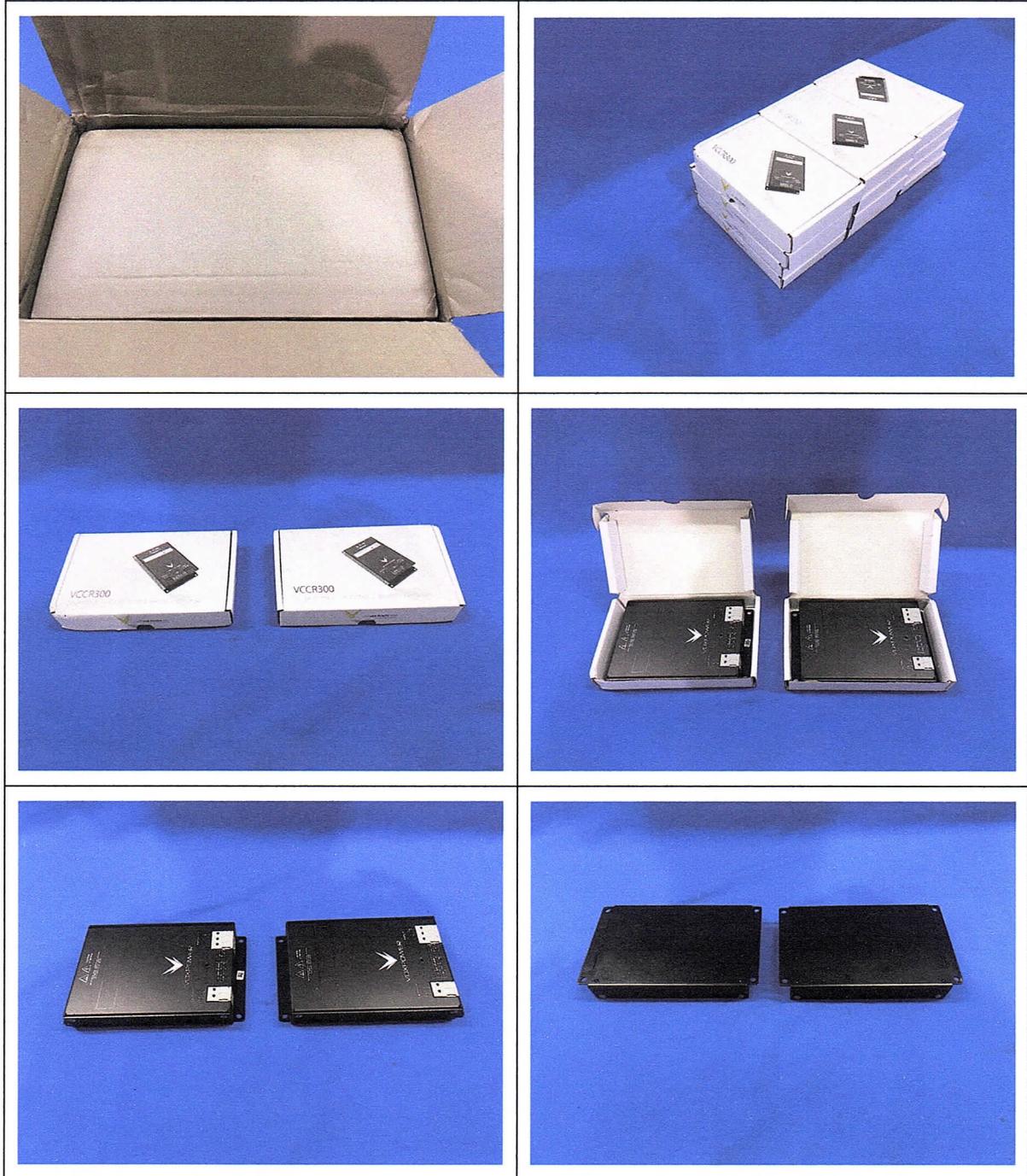


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Equipment of Test

| Equipment Name | Equipment number | Calibration valid until |
|------------------------------|------------------|-------------------------|
| Tape | DGFTSYQ002-2 | May 5, 2024 |
| Electronic platform scale | DGFTSYQ033 | March 8, 2024 |
| Single arm drop test machine | DGFTSYQ001 | May 4, 2024 |
| Hydraulic Vibration Systems | DGFTSYQ007 | May 4, 2024 |

