

Report No.: FTS2305015DG-1E-1/A

Test Report

Sample Name: _____ VCCR300

Sample Type: _____ VCCR300

Applicant: _____ Panyu Trio Microtronics Co.Ltd

Fugang Testing Service (Dongguan) Co., Ltd.



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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℃~26.3℃

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 :

Authorized signatory

Selak



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

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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二市场街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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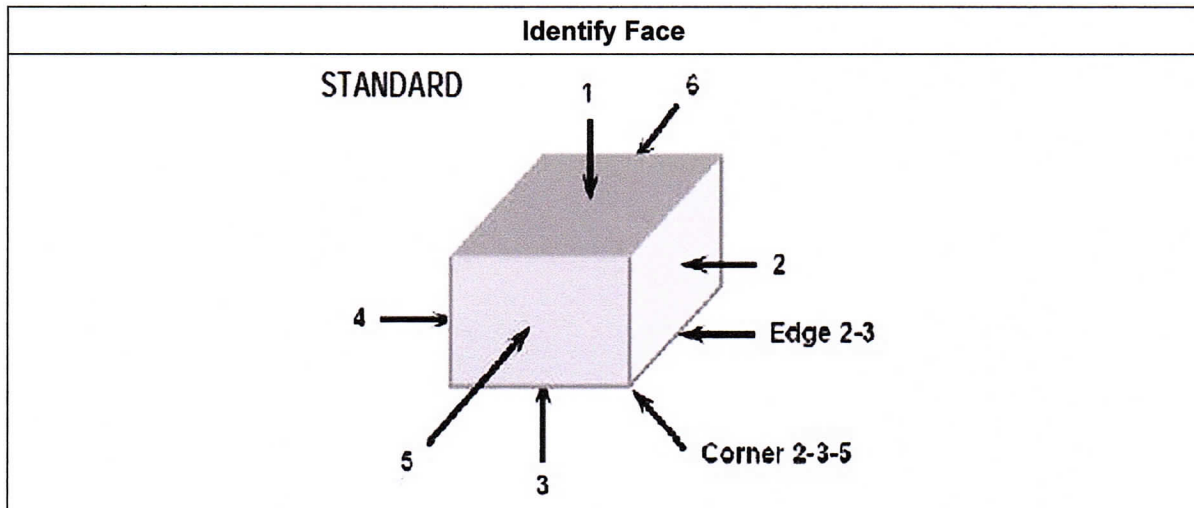
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1、Test Process

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

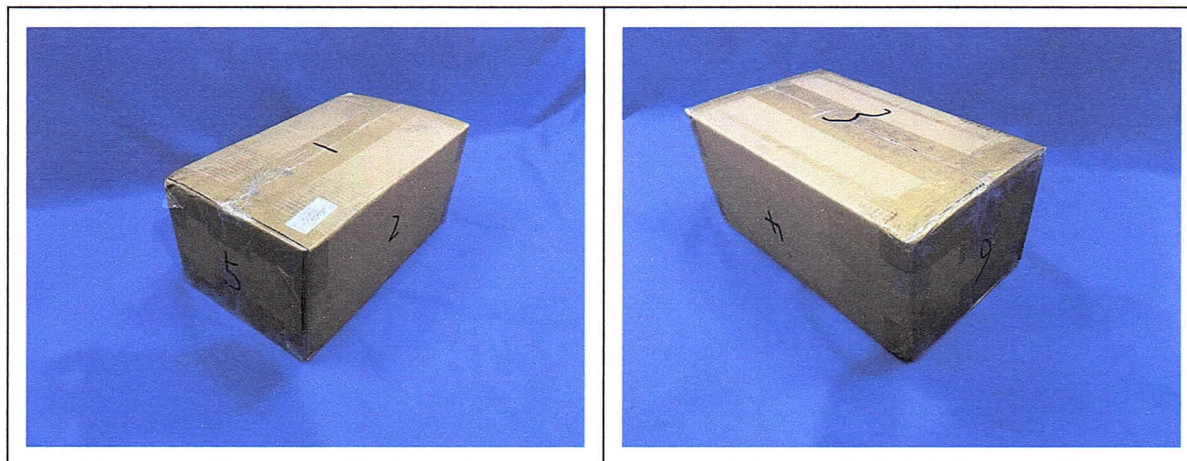
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3.2 Atmospheric Preconditioning

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

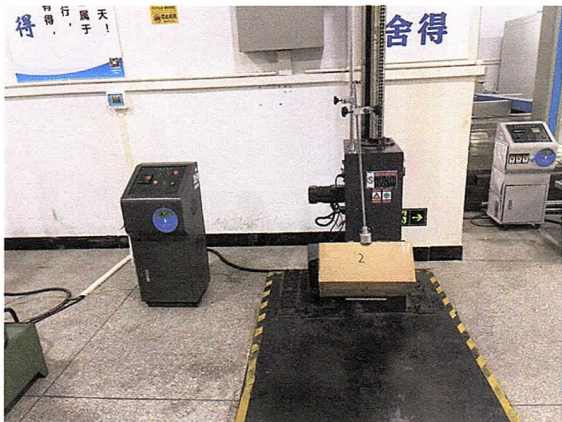
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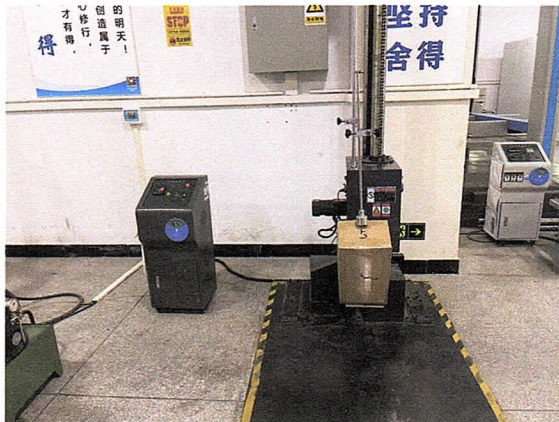
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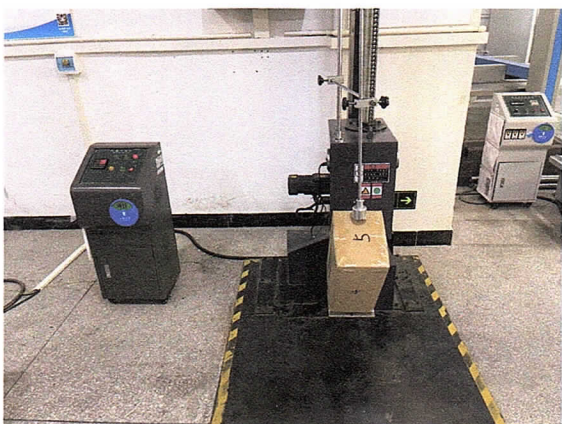
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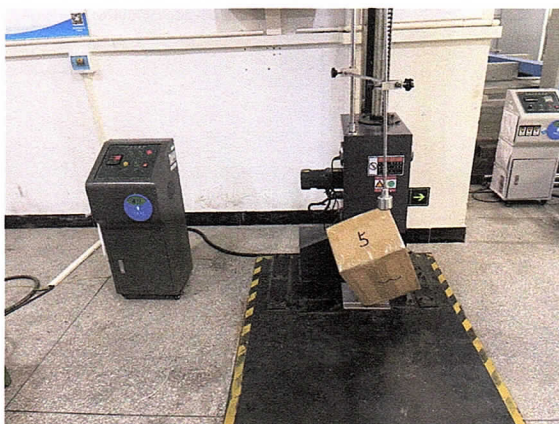
Edge (3-4)



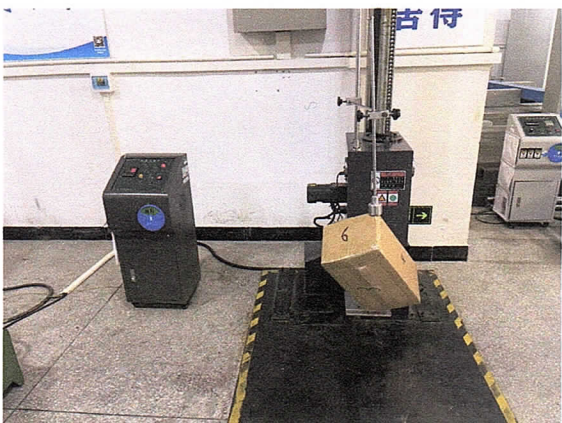
Edge (3-6)



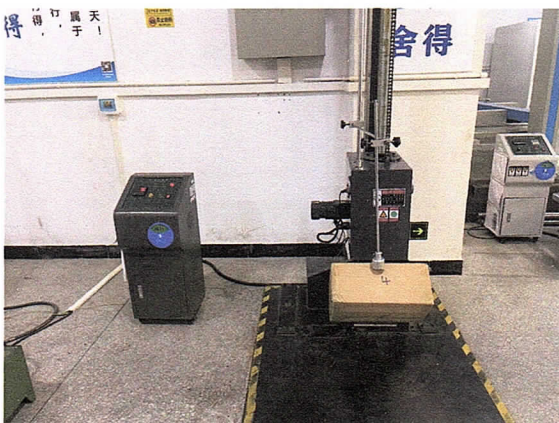
Edge (4-6)



Corner (3-4-6)



Corner (2-3-5)



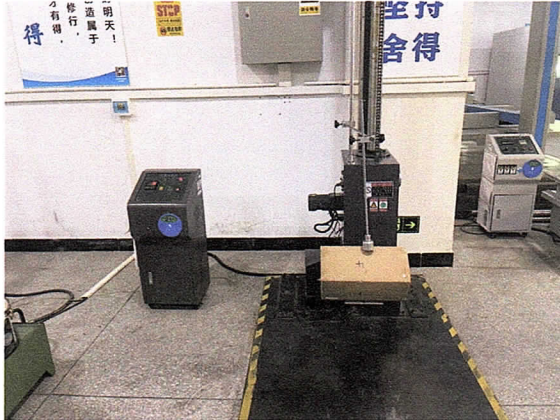

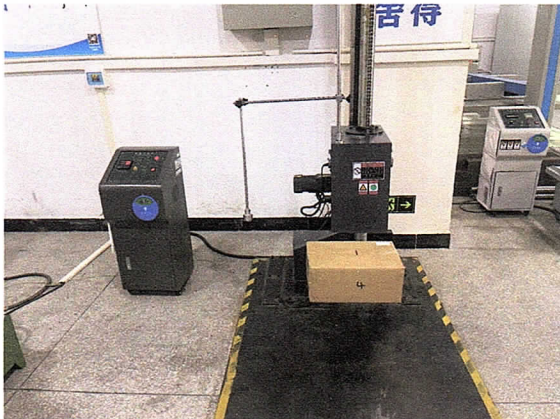
Edge (2-3)

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

3.4 Random With and Without Top Load

3.4.1 Test Conditions

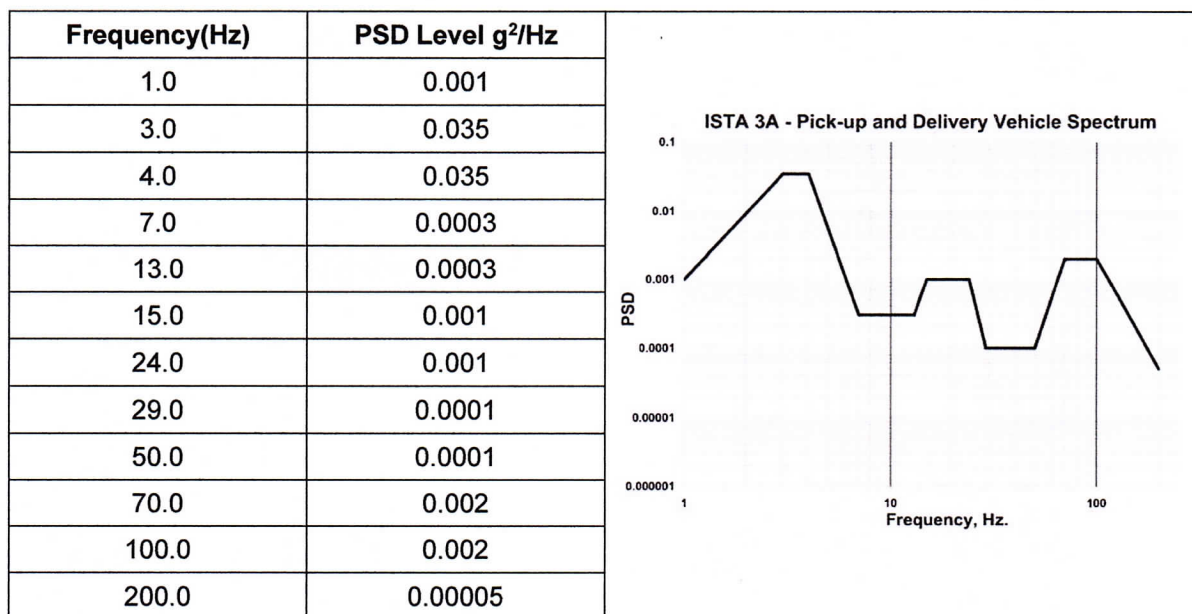
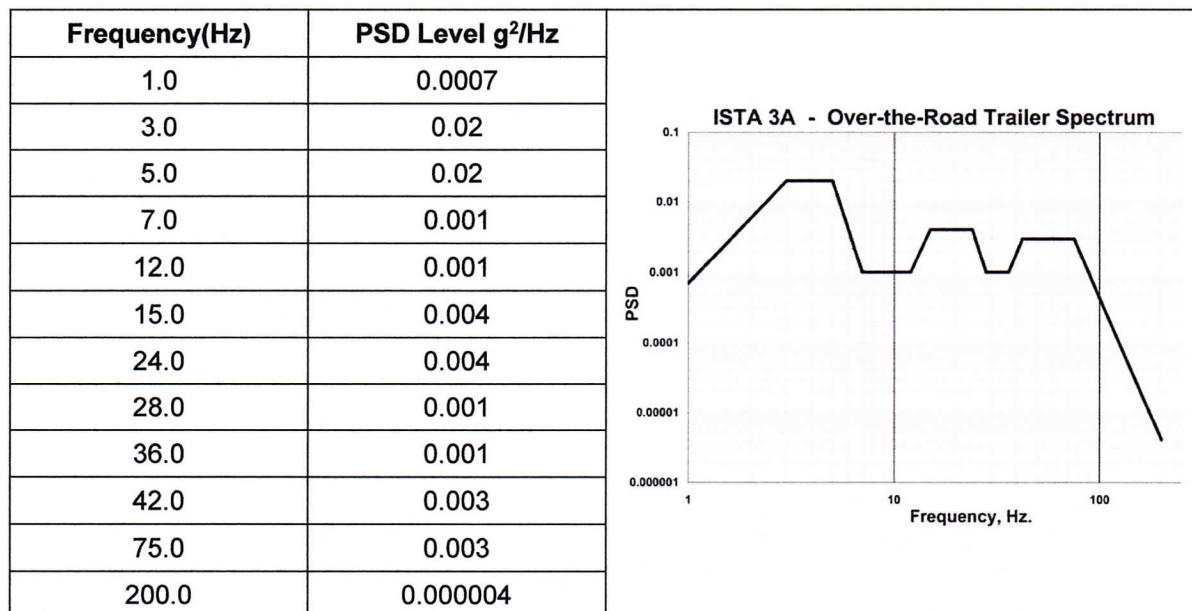
Test face	Load formula	Top-Load (kg)	Test time
L=0.385m; W=0.220m; H=0.170m.			
Face (3)	(2.7-H) xLxWx100	22kg	60 min
Face (4)	(2.7-W) xLxHx100	18kg	30 min
Face (6)	(2.7-L) xWxHx100	Without Top Load (Less than 11kg,do not use a Top-load)	30 min
Face (3)	Without Top Load		30 min

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3.4.2 Test picture


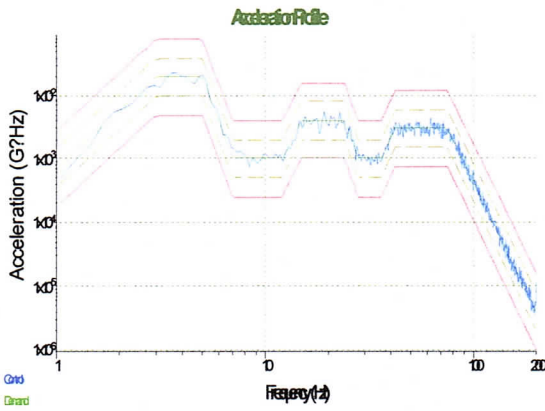
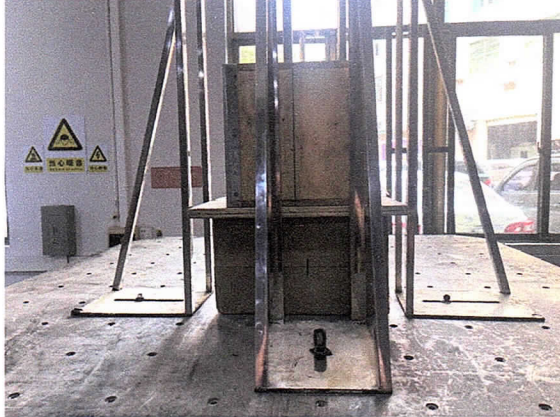
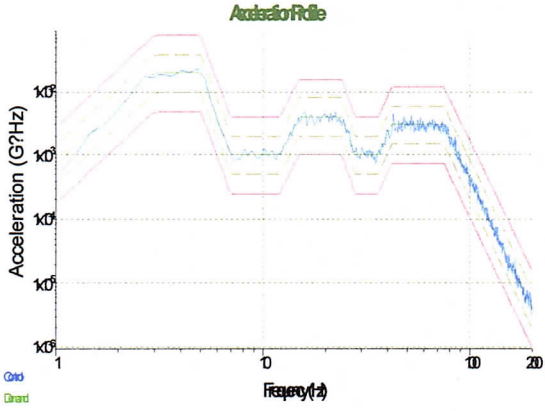

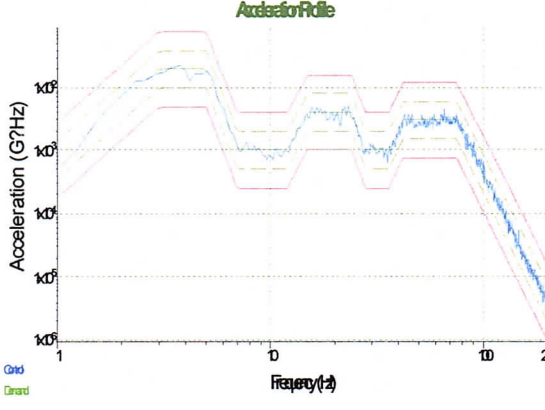
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<p>Face (3)</p>	<p>Test curve</p>
	
<p>Face (4)</p>	<p>Test curve</p>
	
<p>Face (6)</p>	<p>Test curve</p>

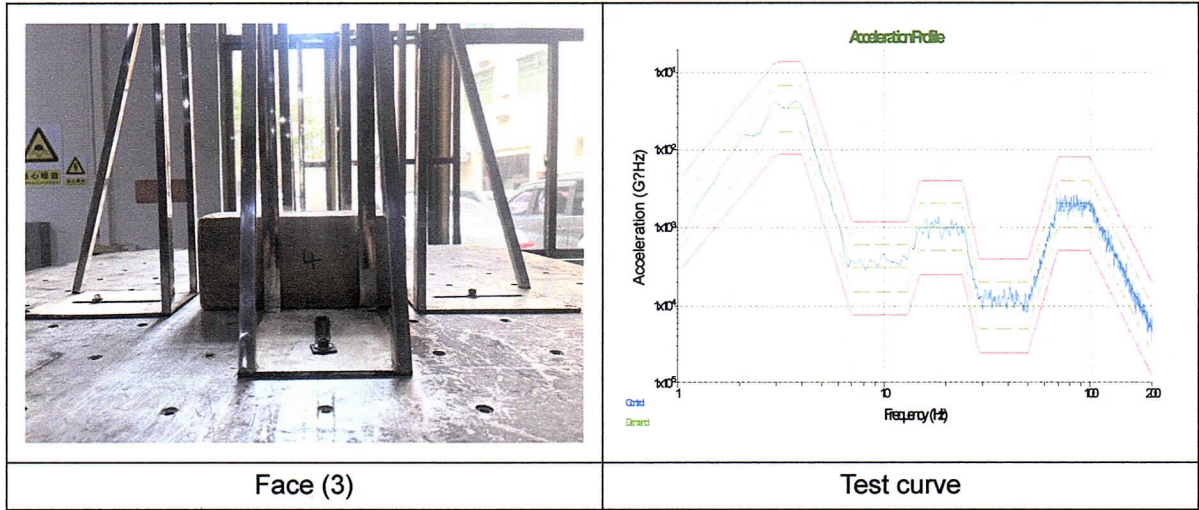
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3.5 Drop

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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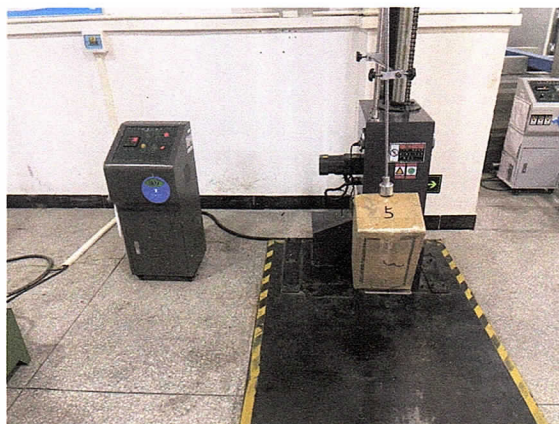
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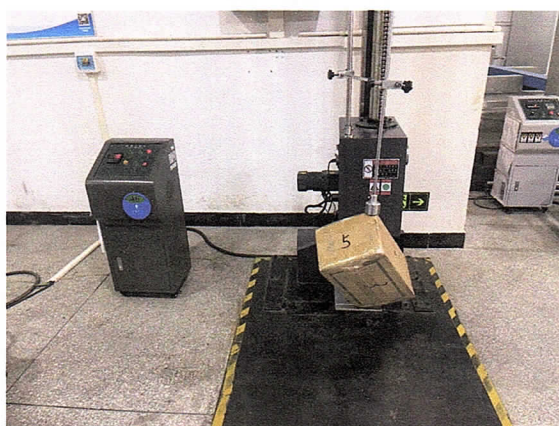
Edge (3-4)



Edge (3-6)



Edge (1-5)



Corner (3-4-6)



Corner (1-2-6)



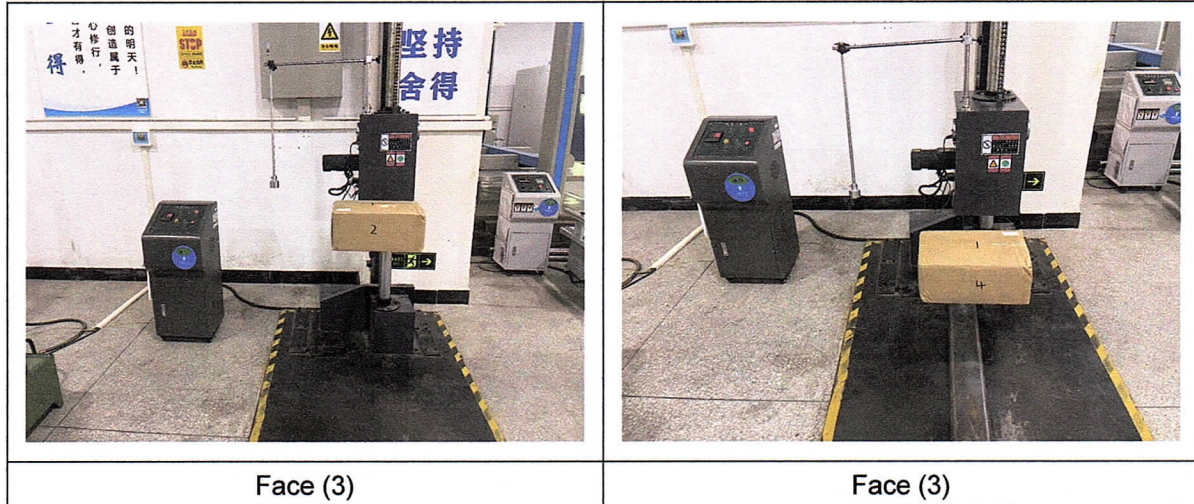
Corner (1-4-5)

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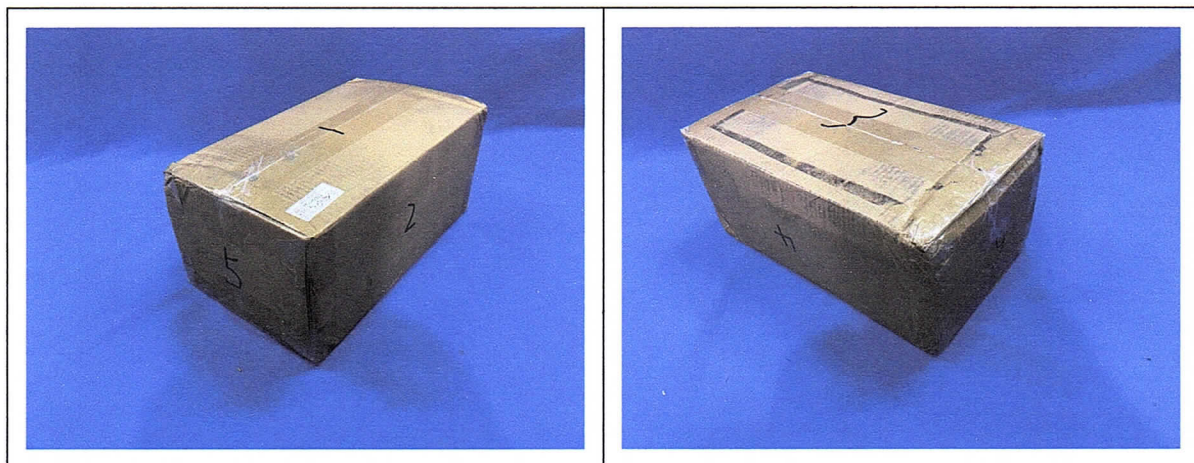
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4. Test Result

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

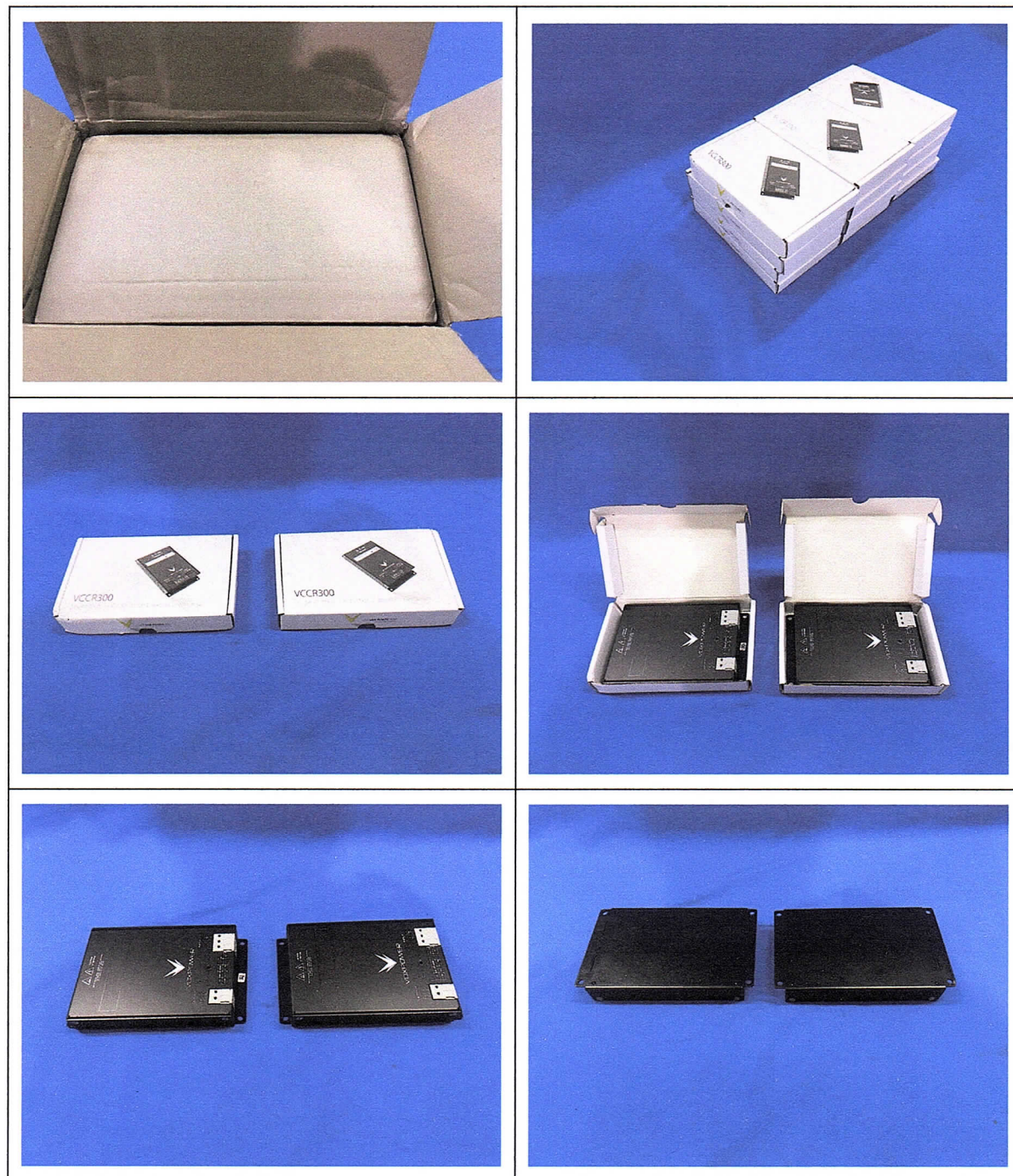


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Equipment of Test

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

