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Date: October 27, 2023

VECOW CO., LTD. 3F., NO. 10, JIANKANG RD., ZHONGHE DIST., NEW TAIPEI CITY, TAIWAN

The following merchandise was submitted and identified by the vendor as:

<u>Product Description:</u> High-Performance Fanless System

Style/ Item No.: ECX-3000/ No.1

Quantity: Total 1 piece

<u>Testing Period:</u> Sep. 13, 2023 to Sep. 15, 2023

Note: (Client's declaration) System Configuration of Equipment under measurement:

CPU: Intel® Core<sup>TM</sup> i7-12700TE @1.40GHz

RAM: INNODISK 32GB DDR4 3200 W/T ECC SODIMM \*2

SSD: INNODISK 2.5" SATA SSD 3ME4 128GB

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

1. High Temperature and High Humidity Test

2. Low Temperature Test

Test Results: - PLEASE SEE ATTACHED SHEETS -

Signed for and on behalf of SGS TAIWAN Ltd.

Alex Chen Asst. Supervisor

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### 1. High Temperature and High Humidity Test:

#### **Test Equipment:**

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	GIANT FORCE	GTH-800-60-CP-AR	MAA1804-001

### **Lab Environmental Conditions:**

Ambient temperature:  $(25 \pm 3)$  °C

Ambient humidity:  $(55 \pm 20)$  % RH

No.31, Wu Chyuan Road, New Taipei Industrial Park, WuKu District, Test Location:

New Taipei City, Taiwan.

### Test Method/ Specification:

Test Method: IEC 60068-2-78, Edition 2.0: 2012 and client's request

Sample condition: **Operating** Test Temperature: 75 °C Test Humidity: 95 % RH Test duration: 16 hours

- Examine the appearance of specimen by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated power and then examine whether the test program "BurnIn test" could be work normally or not.

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Reliability Laboratory/ No.31, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan



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Specimen:

Style/ Item No.: ECX-3000/ No.1

Quantity: Total 1 piece

Test Result:

Check Item Style/ Item No.	Appearance Check (Visual check)	Functional check
ECX-3000/ No.1	No visible damage	Normal

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## 2. Low Temperature Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	GIANT FORCE	GTH-800-60-CP-AR	MAA1804-001

#### **Lab Environmental Conditions:**

Ambient temperature:  $(25 \pm 3)$  °C

Ambient humidity:  $(55 \pm 20)$  % RH

No.31, Wu Chyuan Road, New Taipei Industrial Park, WuKu District, Test Location:

New Taipei City, Taiwan.

## Test Method/ Specification:

Test Method: IEC 60068-2-1, Edition 6.0: 2007 and client's request

Sample condition: **Operating** Test Temperature: -40 °C Test duration: 16 hours

- Examine the appearance of specimen by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated power and then examine whether the test program "BurnIn test" could be work normally or not.

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Specimen:

Style/ Item No.: ECX-3000/ No.1

Quantity: Total 1 piece

Test Result:

Check Item Style/ Item No.	Appearance Check (Visual check)	Functional check
ECX-3000/ No.1	No visible damage	Normal

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**Reliability Laboratory** 

# TEST REPORT

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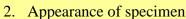
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# **Test Photos:**





Appearance of specimen





High Temperature and High Humidity Test / Low Temperature Test



4. High Temperature and High Humidity Test / Low Temperature Test



5. Functional check

--The End of Test Report ---

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