



Reliability Laboratory

## TEST REPORT

Report No.: HCO0064/2013

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Date: October 22, 2013

NEOUSYS TECHNOLOGY INC.

15F, NO. 868-3, ZHONGZHENG RD., ZHONGHE DIST.,  
NEW TAIPEI CITY, TAIWAN, R.O.C.

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

Product Description: IPC  
Style/Item No.: NVS-4000 / No.1  
Manufacturer/ Vendor: Neosys Technology Inc.  
Country of Origin: Taiwan  
Quantity: Total 1 set  
Testing Period: Oct. 17, 2013 to Oct. 21, 2013

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. Low Temperature Test
2. High Temperature/ Humidity Test

Test Results: - PLEASE SEE ATTACHED SHEETS -

Signed for and on behalf of  
SGS TAIWAN Ltd.

Winson Tseng  
Asst. Manager

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## 1. Low Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-D6TS-150+LN2	5654KT

Lab Environmental Conditions:Ambient temperature:  $(25 \pm 3) ^\circ\text{C}$ Ambient humidity:  $(55 \pm 20) \% \text{ RH}$ Test Method/ Specification:Sample condition: Operating (Continuous execute Power ON/OFF)Temperature: -33°CDuration: 16 Hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated power and PC via RS232. Execute diagnostic software “Boot\_DVT” then examine whether the Booting function Power ON/OFF of specimen could be work normally or not.

The Boot\_DVT performs sequence as below:

1. Power on the UUT.
2. Wait for UUT booting into DOS and send out a text message via RS232.
3. Once the text message is received and confirmed as correct, the Boot\_DVT records a successful booting process and power off the UUT.
4. Wait for couple minutes to make sure the UUT is cool down.
5. Repeat step#1.

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### Specimen:

Style/ Item No. : NVS-4000 / No.1

Quantity : Total 1 set

### Test Result:

Style/ Item No.	Check Item	Appearance check (visual check)	Functional check
	NVS-4000 / No.1	No visible damage	Normal

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2. High Temperature/ Humidity Test:Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-D6TS-150+LN2	5654KT

Lab Environmental Conditions:Ambient temperature:  $(25 \pm 3) ^\circ\text{C}$ Ambient humidity:  $(55 \pm 20) \% \text{ RH}$ Test Method/ Specification:Sample condition: Operating(Execute "Intel ® Thermal Analysis Tool 4.x")Temperature: 65°CTest humidity: 90 %RHDuration: 16 Hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated power, monitor, keyboard and mouse separately.

Execute diagnostic software "Intel ® Thermal Analysis Tool 4.x" to apply 100% CPU loading" then examine whether of specified test items could work normally or not.

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**Specimen:**

Style/ Item No. : NVS-4000 / No.1

Quantity : Total 1 set

**Test Result:**

Style/ Item No.	Check Item	Appearance check (visual check)	Functional check
	NVS-4000 / No.1	No visible damage	Normal

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### Test Photos:



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