



Reliability Laboratory

TEST REPORT

Report No.: HC30203/2013

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Date: March 29, 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.: POC-100/ No.1
Manufacturer/ Vendor: Neousys Technology Inc.
Country of Origin: Taiwan
Quantity: Total 1 set
Testing Period: Mar. 21, 2013 to Mar. 26, 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.

Hank Chiou
Asst. Supervisor

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1. Low Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-A6H+-150	2334

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. : POC-100/ No.1

Quantity : Total 1 set

Test Result:

Style/ Item No.	Check Item	Appearance check (visual check)	Functional check
	POC-100/ 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-A6H+-150	2334

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 "BurnIn Test V6.0 Pro" and "Intel ® Thermal Analysis Tool 4.x")Temperature: 70°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 "BurnIn Test V6.0 Pro" and "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. : POC-100/ No.1

Quantity : Total 1 set

Test Result:

Style/ Item No.	Check Item	Appearance check (visual check)	Functional check
	POC-100/ No.1	No visible damage	Normal

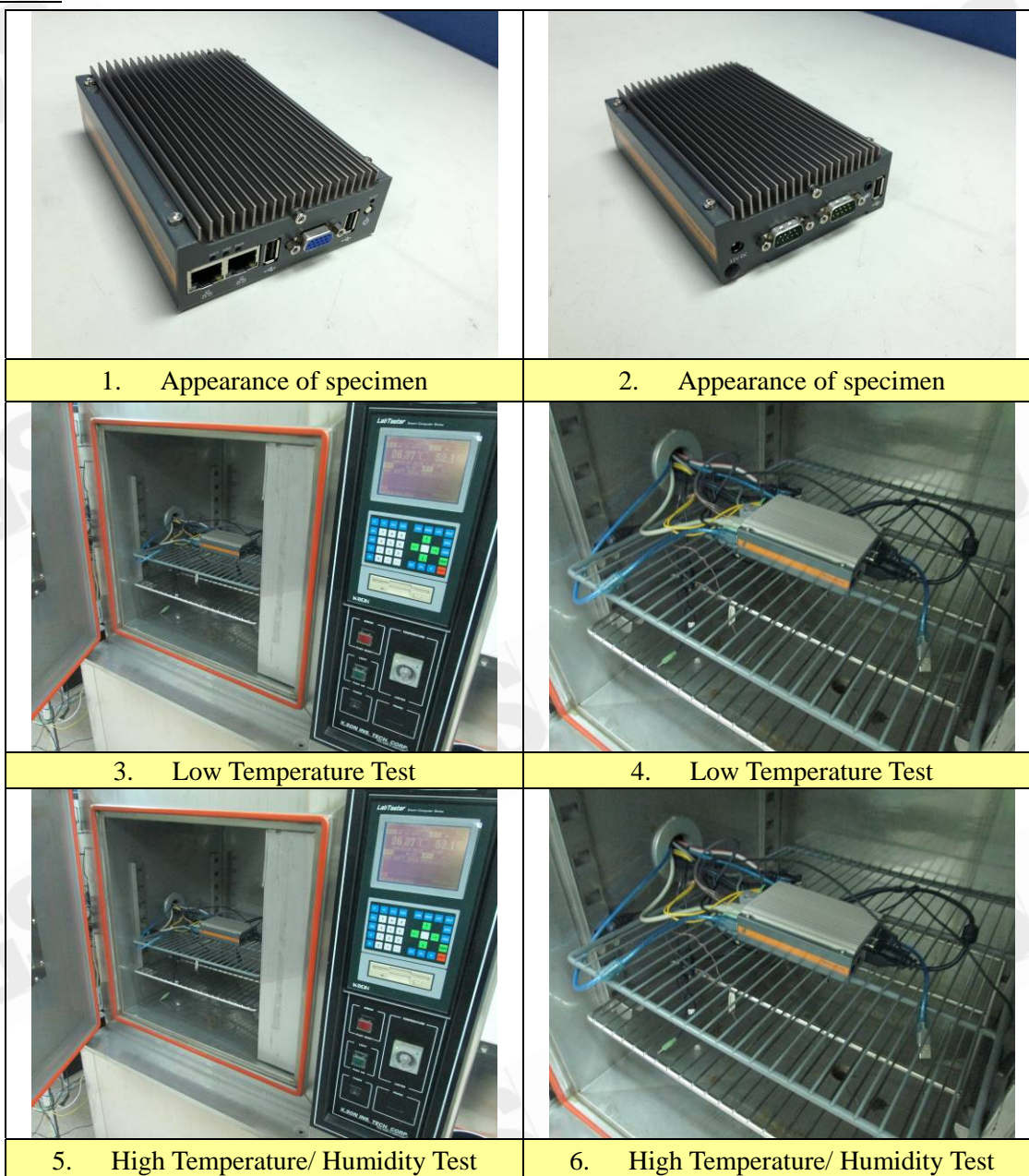
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Test Photos:



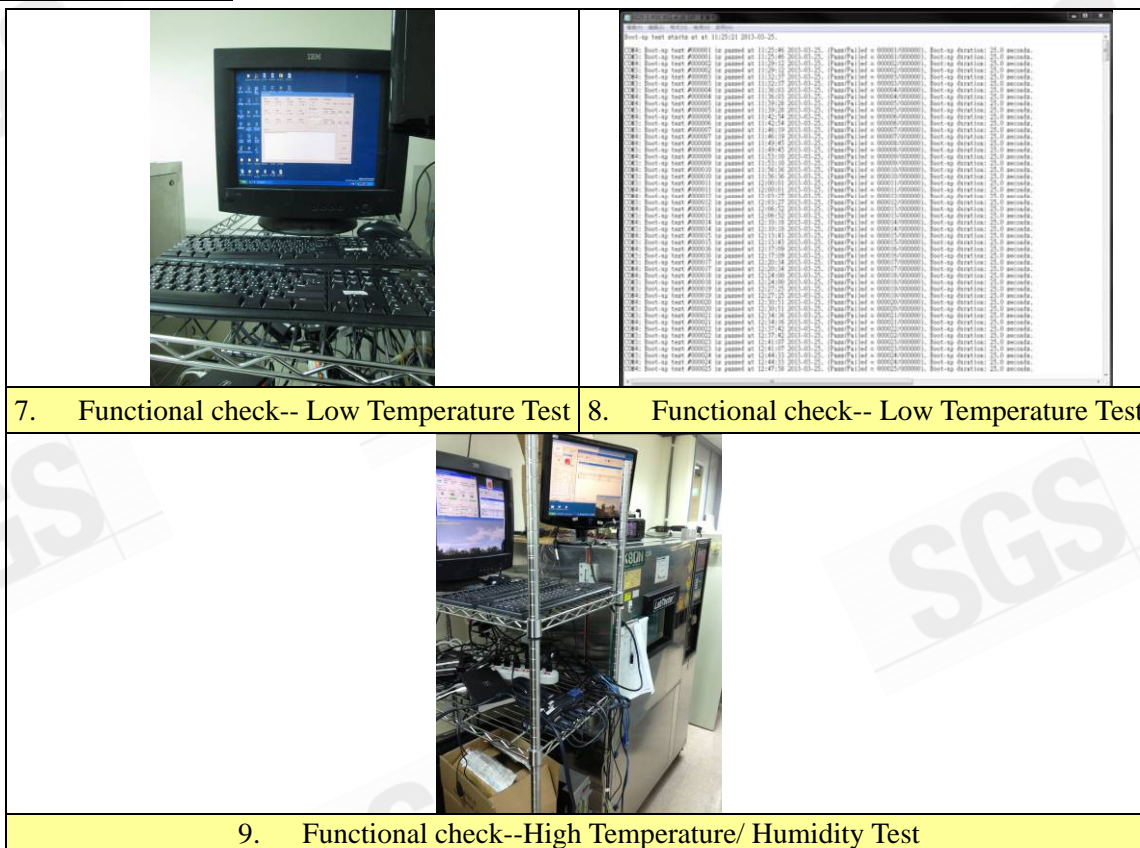
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Test Photos--Continued:



7. Functional check-- Low Temperature Test

8. Functional check-- Low Temperature Test

9. Functional check--High Temperature/ Humidity Test

— — — The End of Test Report — — —

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