

# GENE-BT06

PCB Rev. A1.0

## Temperature/Humidity Test Report

Report NO:

Summary	<p><input checked="" type="checkbox"/> pass</p> <p><input type="checkbox"/> Fail</p> <p>Note : There is/are ___ defect(s) not list in the report, please check it in the DTS Website.</p> <p><input type="checkbox"/> Pass with Deviation</p> <p><b>Comment:</b></p>

**Issue date**

2015-4-01

**Approval**

Richard Wu

**Test Engineer**

Yungtang Lin

# Test item list

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## Testing Result

Num	Test item list	Result	Remark
1	Temp./humidity power on/off test	Pass	
2	Temperature variation operation test	Pass	
3	Cold start and hot start test	Pass	

# Configuration of EUT

## Test Product: GENE-BT06 A1.0

### Sample Configuration & Quantity Under Test:

1. CPU: Intel® Atom™ processors E3845.1.91GHz
2. VGA: Intel HD Graphics
3. DDR: On-board DDR3L 4GB ProMOS. V73CBG04808RBJJ111
4. BIOS Rev. : A0.7 (GBT6AM07)
5. EC FW Rev. : N/A
6. eMMC: .N/A
7. SATA HDD: Hitachi 3.5" 7200RPM 500GB
8. Power Supply: ZIPPY EMACS HG2-6400P 400W
9. Test Software: Win 8.1 X64/ PassMark BurnInTest Pro v7.0
10. Heat-sink: A0.1 Engineer Sample



# Temp./humidity power on/off test

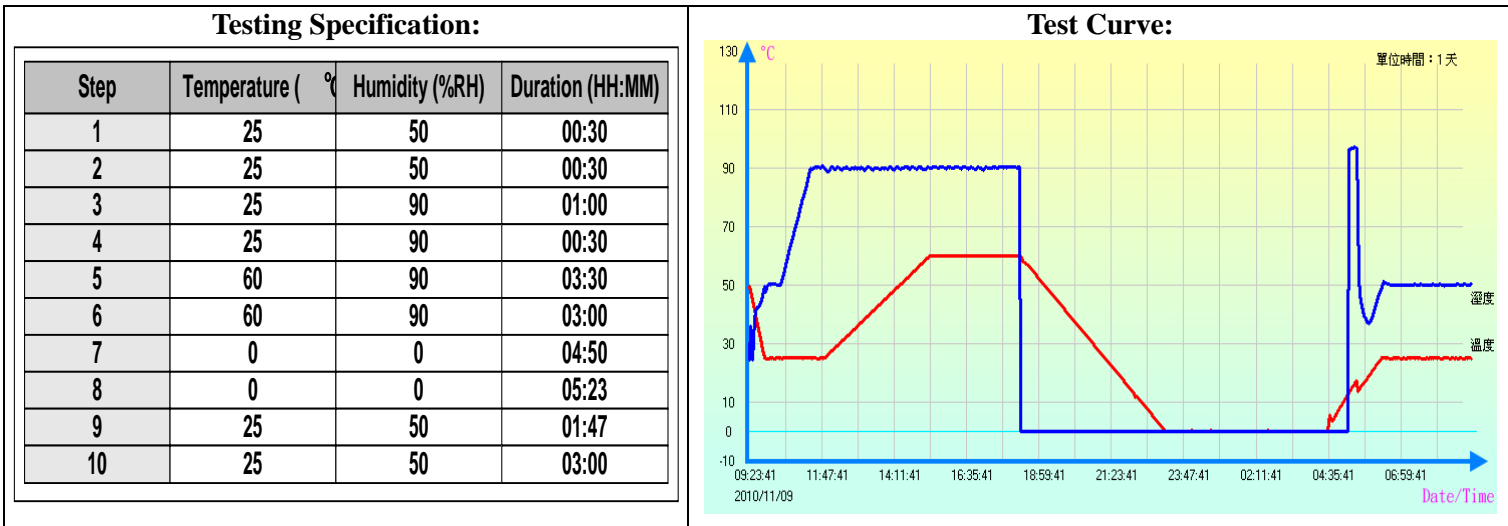
**Test Date:** 2015/03/25~2015/03/26

**Test Site:** AAEON Taichung Internal Lab

**Test Standard:** Reference IEC 68-2-30 Testing procedures  
Test Db: Damp Heat Test

**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
TERCHY. TECH. CORP.  
Model: MHU-150LB  
Date of Calibration: 2015/03/16  
Serial Number: 961138

## Temperature & Humidity Power On/Off Test:



## Test Result:

No problem was found during the temperature & humidity power on/off test.

Test Method	Actual	Successful	Failure rate
Power On/Off	1652	1652	0%
Note: Failure rate need to under 0.0%.			

# Temperature variation operation test

**Test Date:** 2015/03/26~2015/03/27

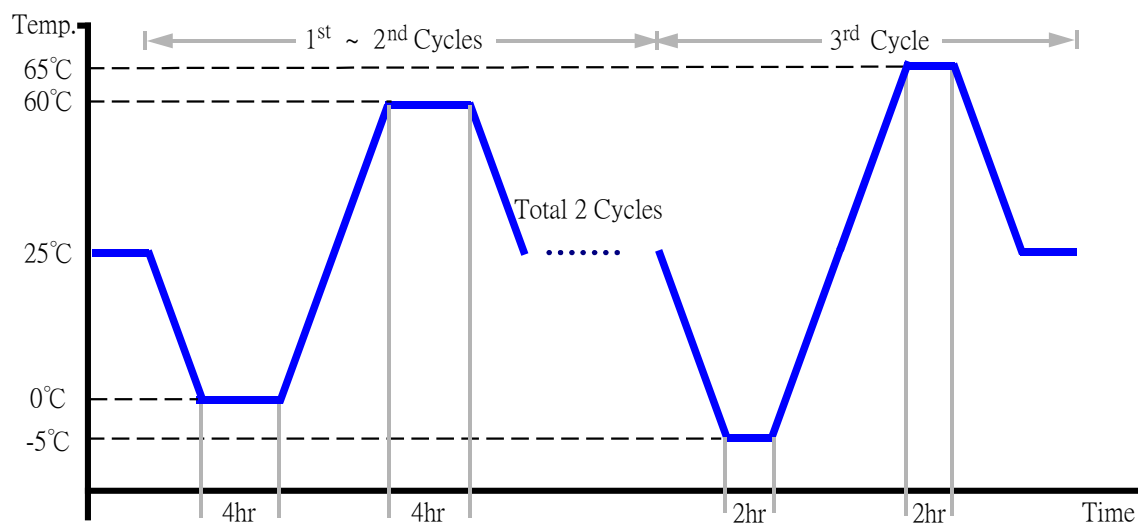
**Test Site:** AAEON Taichung Internal Lab

**Test Standard:** Reference IEC 68-2-14 Testing procedures  
Test N: Change of temperature Test

**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
TERCHY. TECH. CORP.  
Model: MHU-150LB  
Date of Calibration: 2015/03/16  
Serial Number: 961138

## Temperature & Humidity Cycle Test:

1. Test Low Temperature: 0°C (1~2 cycles)  
-5°C (3<sup>rd</sup> cycle)
2. Test High Temperature: 60°C (1~2 cycles)  
65°C (3<sup>rd</sup> cycle)
3. Test dwell time: 4Hrs (1~2 cycles)  
2Hrs (3<sup>rd</sup> cycle)
4. Temperature slope: 2°C/min
5. Test cycle: 3 cycles
6. Test Environment Curve:



## Test Result:

No problem was found during the temperature variation operation test.

