



# Temperature cycle test

**Test Date:** 10-15~20-2006

**Test Product:** PCM-8152 Rev: A0.2

**Test Site:** AAEON QA Internal Lab.

**Performed By:** Rex Chang

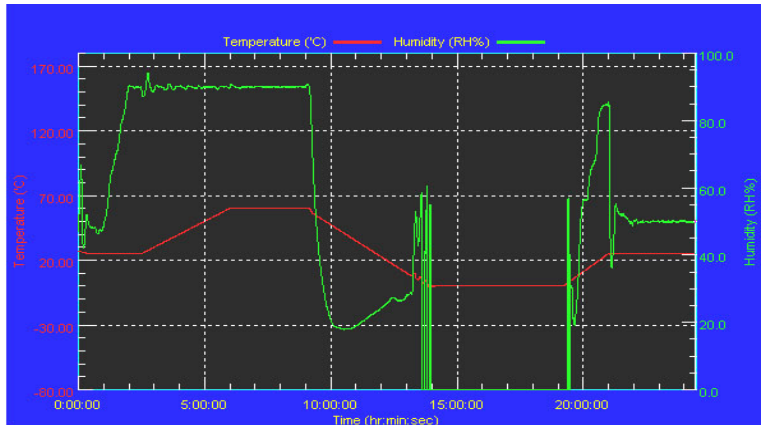
**Test Standard:** Reference IEC 68-2-30 Testing procedures  
Test Db: Damp Heat Test  
Reference IEC 68-2-61 Testing procedures  
Test Z/ABD: Climatic Sequence Test

**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
K.SON. INS. TECH. CORP.  
Model: THS-D4H+-100  
Date of Calibration: 05/19/06  
Serial Number: 1241

**Temperature & Humidity Power On/Off Test:  
Testing Specification:**

Step	Temperature (°C)	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	25	90	01:00
4	25	90	00:30
5	60	90	03:30
6	60	90	03:00
7	0	0	04:50
8	0	0	05:23
9	25	50	01:47
10	25	50	03:00

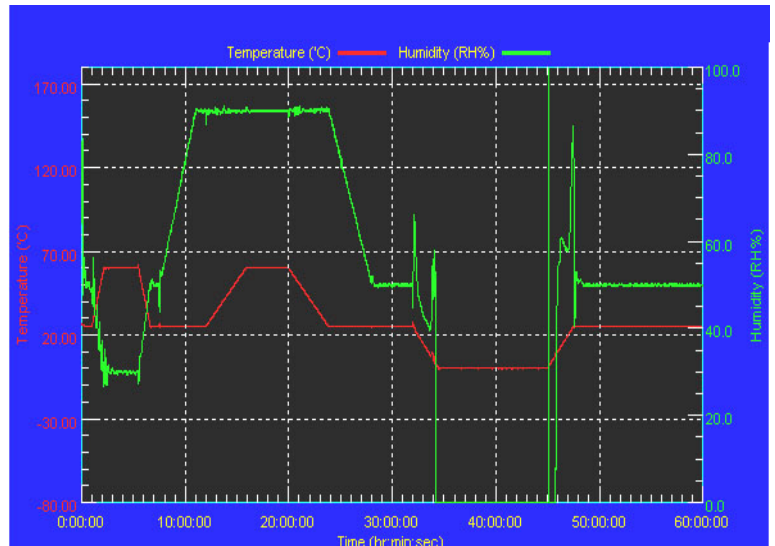
**Test Curve:**



**Temperature & Humidity Cycle Test:  
Testing Specification**

Step	Temperature (°C)	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	60	30	01:10
4	60	30	03:20
5	25	50	01:10
6	25	50	00:50
7	25	90	03:30
8	25	90	01:00
9	60	90	03:53
10	60	90	04:07
11	25	90	03:53
12	25	50	04:07
13	25	50	03:30
14	25	50	00:30
15	0	0	02:30
16	0	0	10:30
17	25	50	02:30
18	25	50	00:30

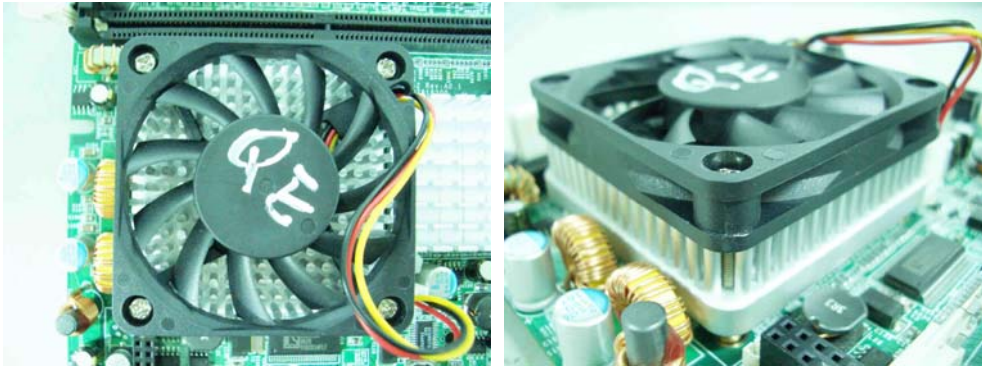
**Test Curve:**



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## Sample Configuration & Quantity Under Test:

1. CPU: Intel(R) Pentium-M 1.6GHz (Bios Ver. 1.0)
2. Memory: 1GB Hynix HY5DU12822CTP-D43 (DDR 333)
3. Chipset: Intel 852GM + ICH4
4. VGA: Intel 852GM
5. LAN: Intel 82551ER
6. Audio: Realtek ALC655 6CH AC97 CODEC
7. CFD: M-System 8MB
8. HDD: Seagate ST380013A 80GB
9. Power Supply: FSP ATX-300GU
10. Test Software: Windows 2000 / Run PassMark BurnIn Test Pro 4.0
11. CPU Cooler:



## Test Result:

1. **Temperature & Humidity Power On/Off Test:**  
No problem was found during the Temperature & Humidity Power On/Off Test.
2. **Temperature & Humidity Cycle Test:**  
No problem was found during the Temperature & Humidity Cycle Test.