



Industrial Computing Platform Partner

PCM-6892

Temperature cycle Test Report

Report NO: 06E020032

Issued by: ***Rex Chang*** / ***07/28/2006***

Test Engineer Date

Reviewed by: ***Wenyuan Yang*** / ***07/28/2006***

Manager Date

Temperature cycle test

Test Date: 07-24~28-2006

Test Product: PCM-6892 (ATX Power) Rev: A2.0

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

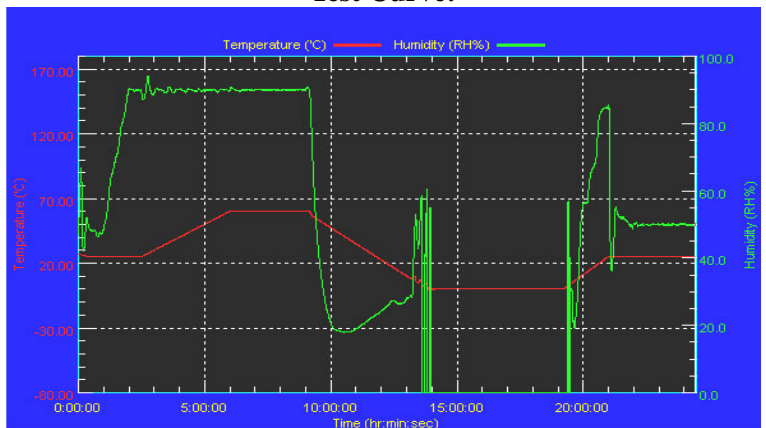
Test Standard: Reference IEC 68-2-30 Testing procedures
 Test DB: Damp Heat Test
 Reference IEC 68-2-61 Testing procedures
 Test Z/ABD: Climatic Sequence Test

Test Equipment:
 Programmable Temperature & Humidity Chamber
 K.SON. INS. TECH. CORP.
 Model: THS-D7S-100+1 N2
 Date of Calibration: 12/14/05
 Serial Number: 3898

**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

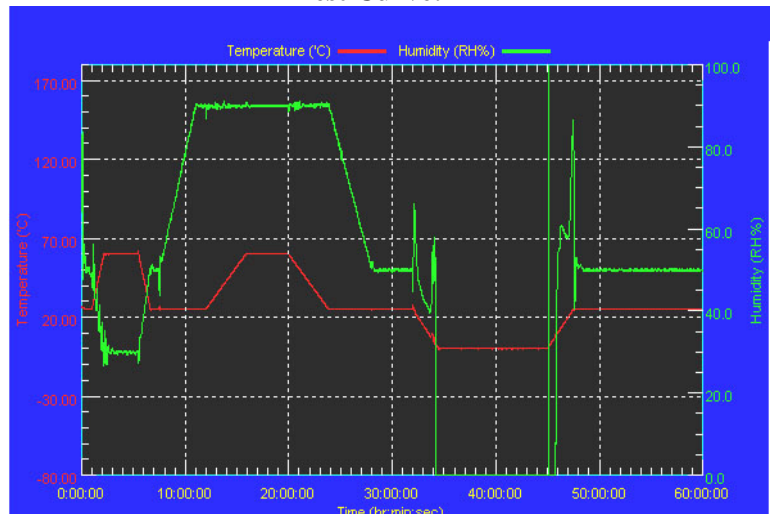
Test Curve:



**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:



Sample Configuration & Quantity Under Test:

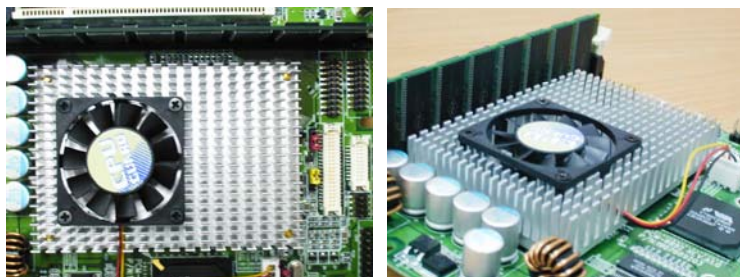
Sample 1:

1. CPU: Onboard VIA C3 667MHz CPU (Bios Ver.2.0)
2. SDRAM: 256MB Hynix HY57V28820HCT-H (PC-133)
3. Chipset: VIA 8606 / VIA82C686B
4. VGA: North Bridge VT8606 (Share memory up to 32MB)
5. LAN: Realtek RTL 8139DL 10/100 Base-T Fast Ethernet * 2
6. CFD: PQI 32MB
7. HDD: Maxtor Fireball ATA/133 30GB
8. Test Software: Windows 2000 / Run PassMark Burn In Test Pro 4.0
9. ATX Power Supply: AOpen FSP-300-60ATV
10. Heat Sink:



Sample 2:

1. CPU: Onboard VIA C3 / 1GHz CPU (Bios Ver.2.0)
2. Memory: Transend 128MB MT 48LC16M16A2-75 (PC-133)
3. Chipset: VIA 8606 / VIA82C686B
4. VGA: North Bridge VT8606 (Share memory up to 32MB)
5. LAN: Realtek RTL 8139DL 10/100 Base-T Fast Ethernet * 2
6. CFD: PQI 32MB
7. HDD: Maxtor Fireball ATA/133 30GB
8. Test Software: Windows 2000 / Run PassMark Burn In Test Pro 4.0
9. ATX Power Supply: UPF300-AF
10. 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.