



Industrial Computing Platform Partner

PCM-5893

Temperature cycle Test Report

Report NO: 06E020010

Tester by:	Chienkow Liao /	03/15/2006
	_____ Supervise	_____ Date
Issued by:	Rex Chang	03/15/2006
	_____ Engineer	_____ Date
Reviewed by:	Wenyuan Yang /	03/15/2006
	_____ Manager	_____ Date

Temperature cycle test

Test Date: 03-08~15-2006

Test Product: PCM-5893 Rev: A0.2

Test Site: AAEON Taichung RD Internal Lab.

Performed By: Chienkow Liao

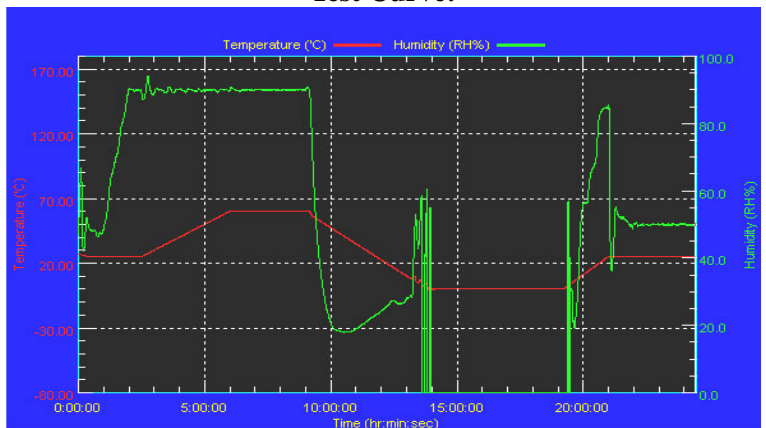
Test Standard: Reference IEC 68-2-30 Testing procedures
 Test DB: Damp Heat Test
 Reference IEC 68-2-61 Testing procedures
 Test Z/ABD: Climatic Sequence Test

Test Equipment:
 Programmable Temperature & Humidity Chamber
 TERCHY ENVIRONMENTAL TECHNOLOGY LTD
 Model: MHU-150L
 Date of Calibration: 04/25/2006
 Serial Number: 880813

**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

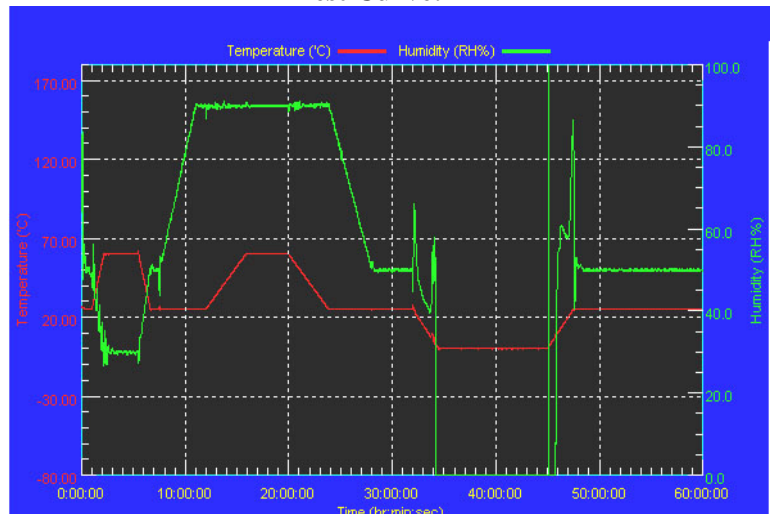
Test Curve:



**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:

1. CPU: AMD Geode GX2-466
2. SDRAM: Veritech VM256MBDDR333-CL2.5
3. Chipset: AMD Geode GX2-466
4. Chipset: CS5535A
5. VGA: AMD Geode GX2-466
6. LAN: RTL8100BL
7. Power Supply: Seventeam ST-250GL
8. Heat Sink: Heat Sink.36*36*15mm.for MB-662.BLACK

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.