



Industrial Computing Platform Partner

PER-C30F / PER-T010

Temperature cycle Test Report

Report NO: 05E020023

Issued by: **Rex Chang** / **06/23/2005**

Test Engineer Date

Reviewed by: **Wenyuan Yang** / **06/23/2005**

Manager Date

Test Date: 06-20~22-2005

Test Product: PER-C30F A0.1 + PCM-8200 A0.2

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

Test Standard: 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: 05/23/05
Serial Number: 1241

Temperature & Humidity Cycle Test: Testing Specification

Step	Temperature ()	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: Quantity : 1

Test Sample: PER-C30F A0.1 + PER-T010 A0.1

1. **IEEE1394A Chipset:** TI TSB43AB23
2. **IEEE-1394 FireWire 3.5" Hard Disk Enclosure:** FIREWIRE-IDE
3. **IEEE-1394 HUB:** FH-600 (5 Port)
4. **2.5" Portable Hard Disk (Combo):** TS0GHDC2

Test System: PCM-8200 A0.2

1. CPU: Genuine Intel(R) Mobile CPU 1.6GHz (Bios Ver.1.0)
2. SDRAM: HYNIX HY5DU56822BT-J 256MB (DDR-333)
3. Chipset: Intel 855GME + Intel FWE6300ESB
4. VGA: Intel 855GME
5. LAN: Intel 82551ER

6. Audio: Realtek ALC655 6CH AC97 CODEC
7. HDD: Western Digital WD800 80GB
8. CPU Cooler:



Test Software:

Windows 2000 run four Microsoft media player simultaneously from 1394 device.

Test Result:

Passed.