



*Industrial Computing Platform Partner*

# **PER-C101**

## **Temperature cycle Test Report**

**Report NO: 05I020007**

Issued by: **Rex Chang** / **08/08/2005**  
Test Engineer / Date

Reviewed by: **Wenyuan Yang** / **08/08/2005**  
Manager / Date

**Test Date:** 08-02~04-2005

**Test Product:** PER-C101 A0.1

**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

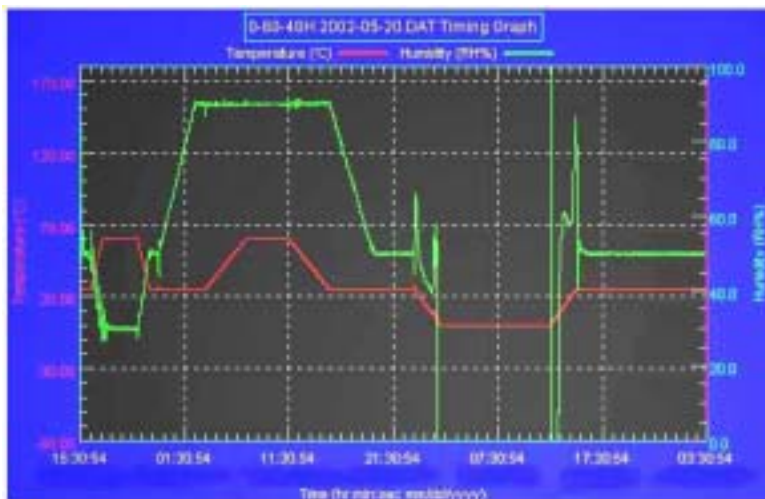
Date of Calibration: 05/23/05

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:**

**Test Sample:** PER-C101 A0.1

- LAN Chipset: BROADCOM BCM5721KFB \* 1  
BROADCOM BCM5789KFB \* 1

**Test System:** FSB-866G A0.2

- CPU: Intel Pentium 4 / 3.6G / LGA775 Package / FSB 800 / L2: 1M (Bios Ver.0.f)
- Memory: 512MB ELPIDA DD2508AMTA (DDR 400)
- Chipset: Intel 915GV + Intel 82801FB/FR (ICH6/ICH6R)
- Backplane: AAEON BP-208SG-P4 A1.0
- HDD: Western Digital WD800 / 80GB / SATA
- Test Software: Windows 2000 /Run HCT 9.5
- ATX Power Supply: E-Safe LC-B300ATX
- CPU Cooler:



**Test Software:**

Using Windows 2000 running Microsoft media player simultaneously from server 1 and server 2.

**Test Result:**

**Passed**