



Industrial Computing Platform Partner

PER-C20S

Serial-ATA Add-On Card / Mini PCI Module

Temp./Humidity Cycle Test Report

Report NO: 06E020036

Issued by: Rex Chang / 08/07/2006
Test Engineer Date

Reviewed by: Wenyuan Yang / 08/07/2006
Manager Date

Test Date: 08-03~05-2006

Test Product: PER-C20S A0.1

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

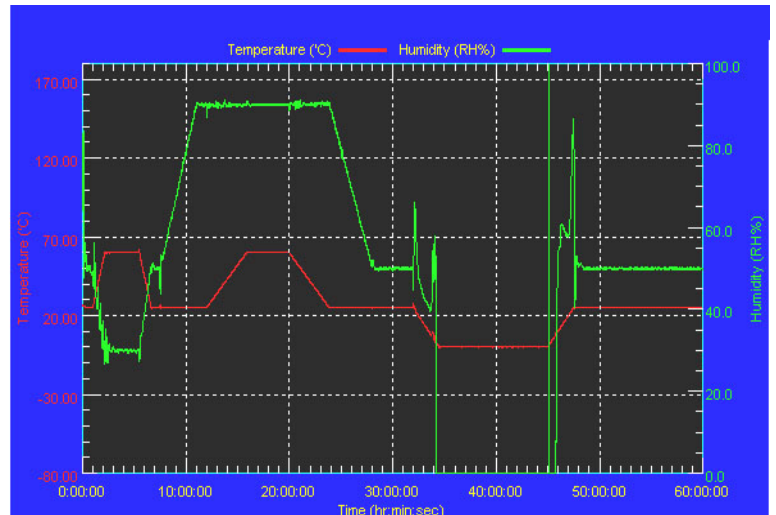
Test Standard: Reference IEC 68-2-61 Testing procedures
Test Z/ABD: Climatic Sequence Test

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

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:

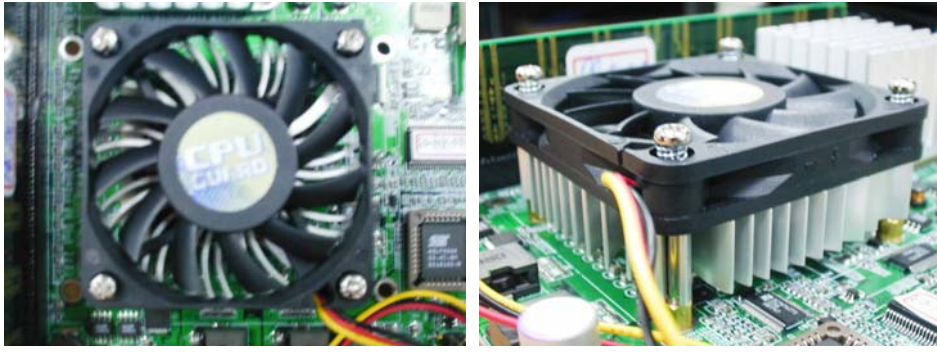
PER-C20S Mini PCI Type IIIA (44.5mm x 59.6mm):

1. Chipset: Sil3512

Test Main Board: AAEON PCM-8200 A0.2

1. CPU: Intel Pentium-M 1.1GHz (Bios Ver.A1.2)
2. Memory: 256MB Hynix HY5DU56822BT-J (DDR-333)
3. Chipset: Intel 855GME + Intel FWE6300ESB
4. VGA: Intel 855GME
5. HDD: Seagate ST3120827AS / 120GB(CN1)
Western Digital WD1200JS / 120GB (CN2)
6. Power Supply: CWT PSG250C-80 / 250W
7. Test Software: Windows XP / Run PassMark Burn In Test Pro 4.0
8. CPU Cooler:

Temp./Humidity Cycle Test



Test Result:

No problem was found, during the temperature./humidity cycle test.