



Industrial Computing Platform Partner

FWB-880

Temp./Humidity Test Report

Report NO: 05I020013

Issued by: **Rex Chang** / **09/29/2005**

Test Engineer Date

Reviewed by: **Wenyuan Yang** / **09/29/2005**

Manager Date

Test Date: 09-23~28-02-2005

Test Product: FWB-880 A0.2

Test Site: AAEON QA Internal Lab.

Performed By: Rex Chang

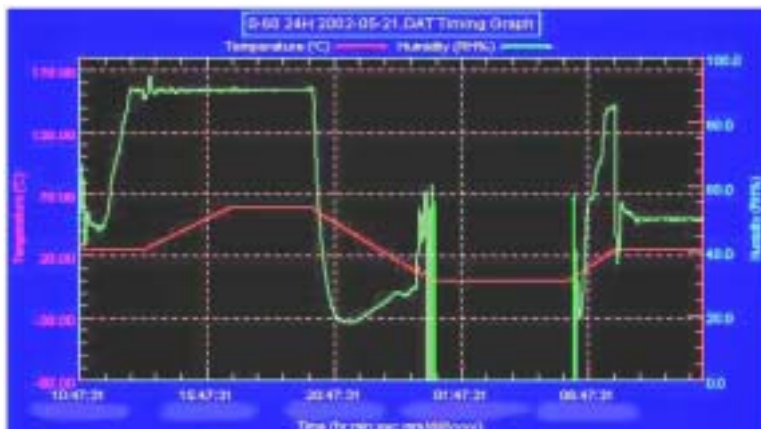
Test Standard: Reference IEC 68-2-30 Testing procedures
 Test DB: Damp Heat Test
 Reference IEC 68-2-61 Testing procedures
 Test Z/ABD: Climatic Sequence Test

Test Equipment:
 Programmable Temperature & Humidity Chamber
 K.SON. INS. TECH. CORP.
 Model: THS-D4H+-100
 Date of Calibration: 05/23/05
 Serial Number: 1241

**Temperature & Humidity Power On/Off Test:
 Testing Specification:**

Step	Temperature ()	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

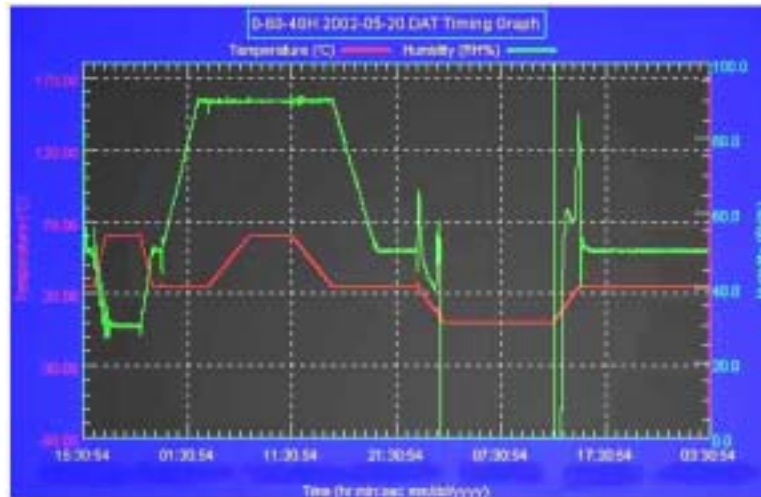
Test Curve:



**Temperature & Humidity Cycle Test:
 Testing Specification**

Step	Temperature ()	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: Intel Pentium 4 / LGA775 / 3.8G CPU / Intel EM64T (Bios Ver.0.2d)
2. Memory:
 - DIMM1 – 1GB DSL / DDR2 ELPIDA /E5108AB-5C-E
 - DIMM2 – 1GB DSL / DDR2 ELPIDA /E5108AB-5C-E
 - DIMM3 – 1GB DSL / DDR2 ELPIDA /E5108AB-5C-E
 - DIMM4 – 1GB DSL / DDR2 ELPIDA /E5108AB-5C-E
3. Chipset: Intel 945G + Intel 82801FB(ICH7/ICH7R)
4. VGA: Integrated VGA on Intel 945G,Core frequency up to 400Mhz
5. LAN: Intel 82562EZ
6. SATA to Ultra ATA-133 Converter: VP-9041
7. DOM: PQI 32MB
8. SATA HDD: Western Digital WD800 / 80GB
9. Test Software: Windows 2000 / Run PassMark Burn In Test Pro 4.0
10. ATX Power Supply: Aopen AO400-12AHN 400W
11. CPU Cooler:



Test Result:

Passed