



*Industrial Computing Platform Partner*

# **HSB-835P A0.1**

## **Temperature cycle Test Report**

**Report NO: 05I020002**

<b>Issued by:</b>	<b>Rex Chang</b> _____ <b>Engineer</b>	<b>/</b>	<b>02/21/2005</b> _____
<b>Reviewed by:</b>	<b>Wenyuan Yang</b> _____ <b>Manager</b>	<b>/</b>	<b>02/21/2005</b> _____

**HSB-835P A0.1**

**Test Date:** 02-15~18-2005

**Test Product:** HSB-835P (PCB Rev: A0.1 BIOS Rev: 0.1)

**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

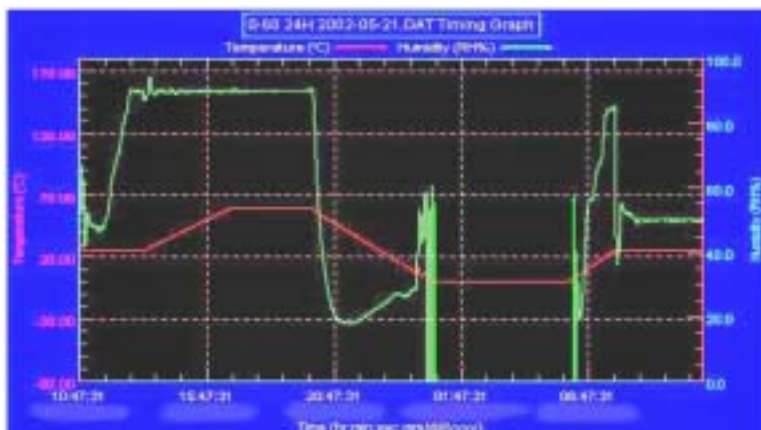
**Test Equipment:**

- Programmable Temperature & Humidity Chamber
- K.SON. INS. TECH. CORP.
- Model: THS-A4C-100
- Date of Calibration: 05/24/04
- Serial Number: 3188

**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

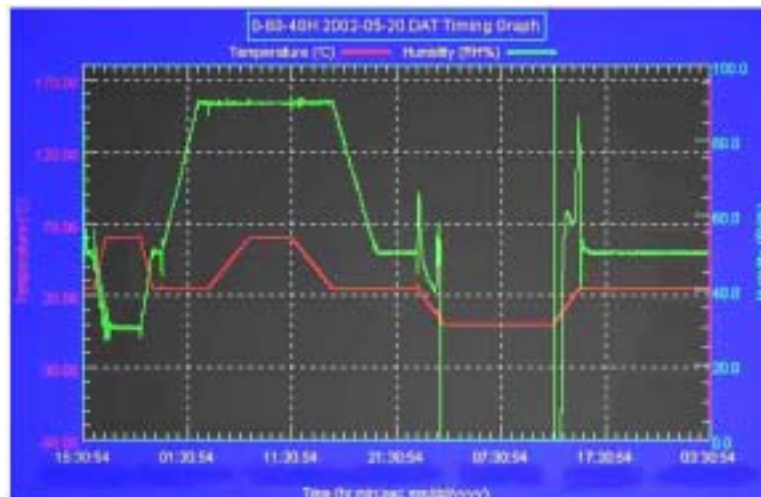
**Test Curve:**



**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:**



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### Sample Configuration & Quantity Under Test:

1. CPU: Intel Pentium 4 / 3.2 GHz CPU
2. Memory: 1GB SAMSUNG K4H560438E-GCCC (DDR-400)
3. Chipset: Intel 865GV + Intel 82801EB/ER (ICH5/ICH5R)
4. VGA: Integrated on Intel 865G
5. LAN: Intel 82562EZ
6. CFD: PQI 32MB
7. HDD: Maxtor DiamondMax Plus 9 80GB
8. Power Supply: Seventeam ST-300BLV
9. Backplane: BP-206SP-P4 A1.0
10. Test Software: Windows 2000 / Run HCT 9.5
11. Cooler:



### Test Result:

**Passed.**