



EMB-830 Rev:A0.2 Temperature cycle Test Report

Report NO : 03E020021

Issued by:	/	04/01/2003
	_____	_____
	<i>Rex Chang</i>	Date
	Test Engineer	

Reviewed by:	/	04/01/2003
	_____	_____
	<i>Wayne Chen</i>	Date
	A.V.P	

EMB-830 A0.2

Test Date: 03-28~04-01-2003

Test Product: EMB-830 (PCB Rev:A0.2 BIOS Rev:0.8)

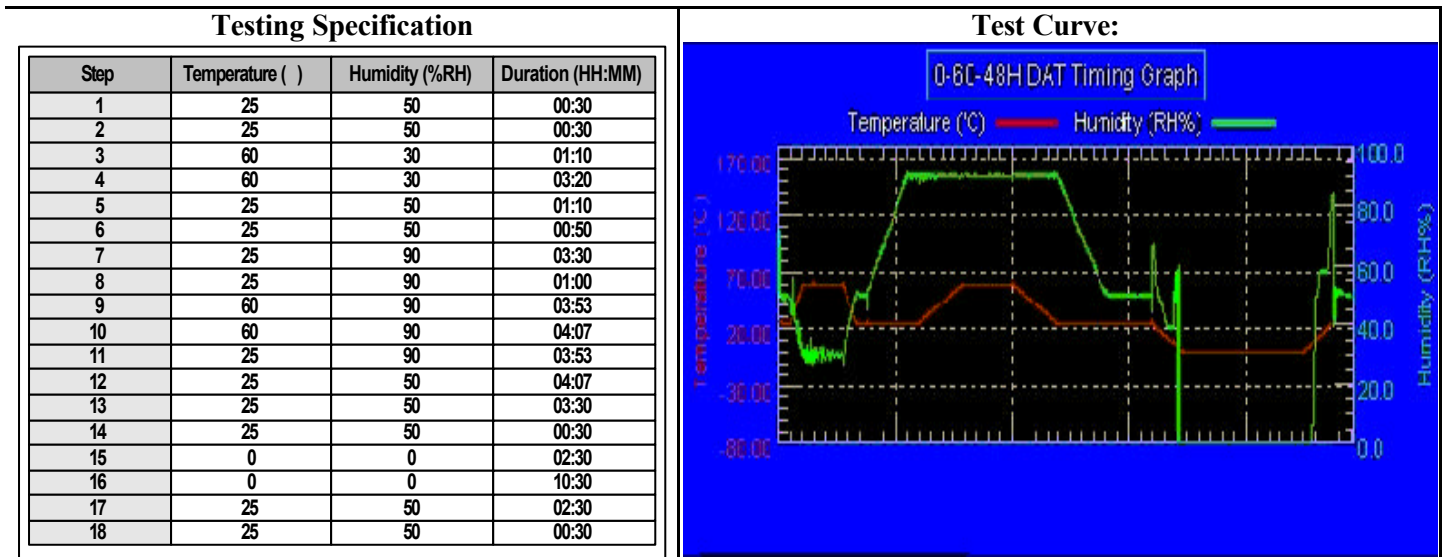
Test Site: AAEON DV Internal Lab.

Performed By : Rex Chang

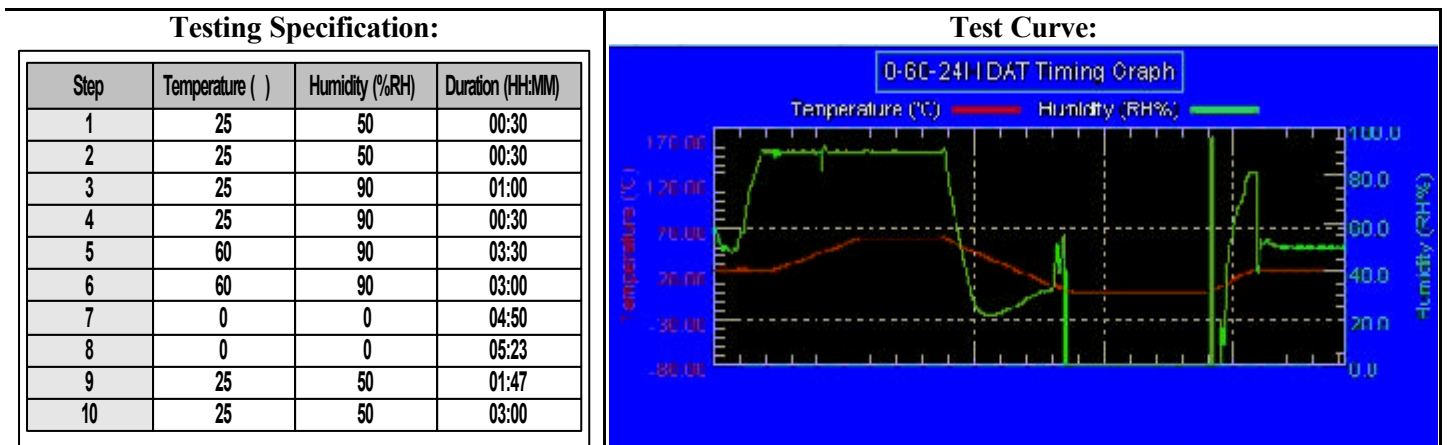
Test Standard : Reference IEC 68-2-30 Testing procedures
 Test DB : Damp Heat Test
 Reference IEC 68-2-61 Testing procedures
 Test Z/ABD : Climatic Sequence Test

Test Equipment:
 Programmable Temperature & Humidity Chamber
 K.SON. INS. TECH. CORP.
 Model : THS-D4H+-100
 Date of Calibration : 06/07/02
 Serial Number: 1241

Temperature & Humidity Cycle Test:



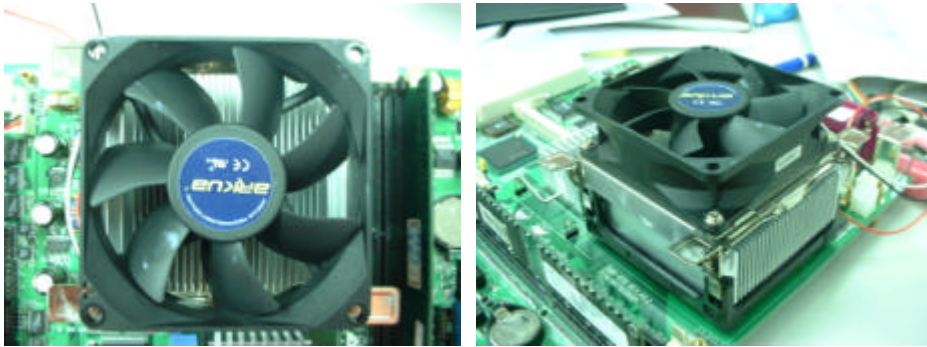
Temperature & Humidity Power On/Off Test



Sample Configuration & Quantity Under Test:

1. CPU : Intel Pentium 4 3.06G (Internal 533MHz)
2. Memory : SAMAUNG K4H560838D-TCB3 256MB DDR-333
3. Chipset : Intel 82845GV / 82801
4. VGA : Intel 845GV (Share memory : 8M)
5. LAN : 1 Intel 82559
1 Intel 82562ET
6. Cooler : For Intel P4 socket 478 3.06GHz High performance with silent 80mm fan.

ARKUA 8456X-8T (for Socket 478)



Speed: 2900 +/- 10% RPM

Test Result :

Passed.

The EMB-830 Embedded ATX meets temperature cycle test.