



AEC-206 (SBC-860)

Environment Test Report

Report NO : 02E020041

Issued by:

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11/21/2002

Rex-Chang
DV Engineer

Date

Reviewed by:

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11/21/2002

Wayne-Chen
DV Manager

Date

Test Date: 11-15~11-18-2002
Test Product: AEC-206 (SBC-860)
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 : 06/10/01
 Serial Number: 1241

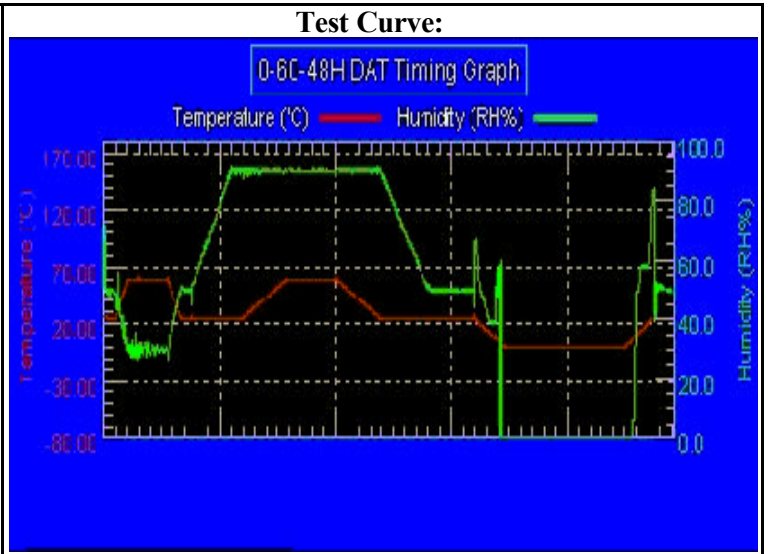
Test Item:

1. Test Software: Windows media Player (Video test soft-MPEG form HDD)
2. Test Environment Curve:

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:

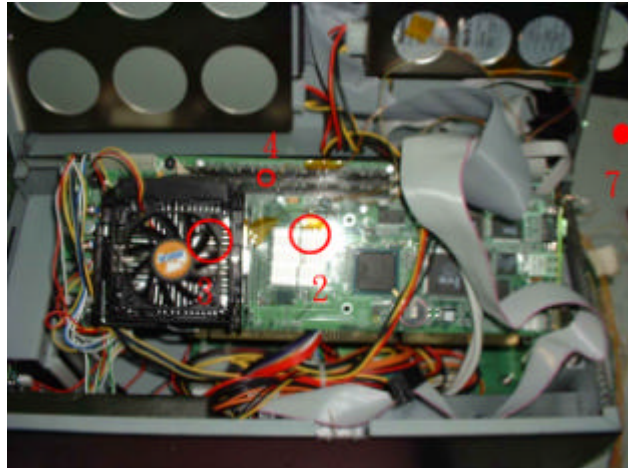


Sample Configuration & Quantity Under Test:

1. CPU : P4 2GHz (Bios Ver.0.2)
2. SDRAM : 256MB SAMAUNG K4H280838B-TCB0 DDR266
 128MB SAMAUNG K4H280838B-TCB0 DDR266

Temperature Recorder:

Measuring Accelerometer Position:



Point	Temp. Stage		
	50	25	0
1.HDD	67.2	32.4	7.0
2.Intel 82845GL / 82801	80.7	43.2	14.8
3.CPU	73.4	38.1	10.4
4.Gap between DIMM1 and DIMM2	68.0	32.6	6.9
5.Inside air temperature(1)	63.8	29.1	3.8
6.Inside air temperature(2)	62.5	27.6	2.6
7.Chamber air temperature	60.4	26.0	0.9

Test Result:**Passed.**

The AEC-206 (SBC-860) Industrial Workstation meets temperature cycle test

Note : 1.Dummy load : 5V/1A(5W);12V/0.5A(6W) x 1 pcs