AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

SBC-800
Temperature / Humidity Test Report

Issued by:		/	*05/28/2002*
	Rex Chang **QE Engineer**		**Date**
Reviewed by:		/	*05/28/2002*
	Wen - Yuan Yang **QE Manager**		**Date**

1.Test Product: FC/Socket 478 Full-Size CPU card

2. Model Name: SBC-800 REV.A1.1

3. Test Date: 05-23-2002

4. Test Site: AAEON QA Internal Lab.

5. Test Equipment

Type	MFR	Model Number	Serial Number	Last CAL.
Programmable Temperature & Humidity Chamber	KSON	Ths-D4L+-100	2582	10/29/01

6. Test Standard :

NO.	Description
IEC 68-2-30	Test DB : Damp Heat Test
IEC 68-2-61	Test Z/ABD : Climatic Sequence Test

7. Testing Item:
Temperature & Humidity Cycle
Test Temperature & Humidity Power On/Off Test

8. Additional Test Peripheral:

Configuration	Model
Test O.S.	Win98SE
Test Software	Windows Media Player (VCD viewing)
Test Fixture	Power on/off(110V) Fixture

9. Sample Configuration & Quantity Under Test:
Quantity: 1
Sample Configuration:

CPU	Pentium 4 1.8GHz
DRAM	SDRAM PC133 512MB TOSHIBA TC59SM808CFT-75
System BIOS Version	SBC-800 Rev 1.1
Chipset	Intel Brookdale 845
VGA Chipset	ATI Mobility Radeon M6 AGP 4X (8M/16M) onboard
I/O Chipset	ITE-8712 Fully 16 bit I/O decoded
Cooler (P/N)	1759200105

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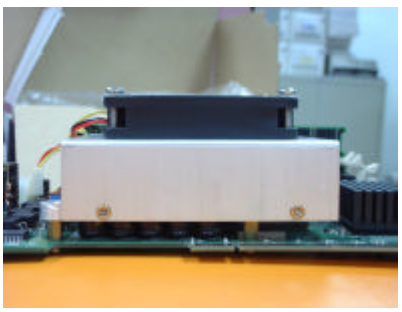
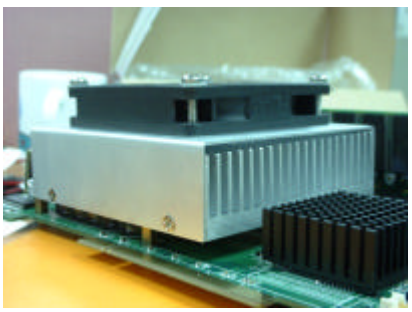



10. Test Result:

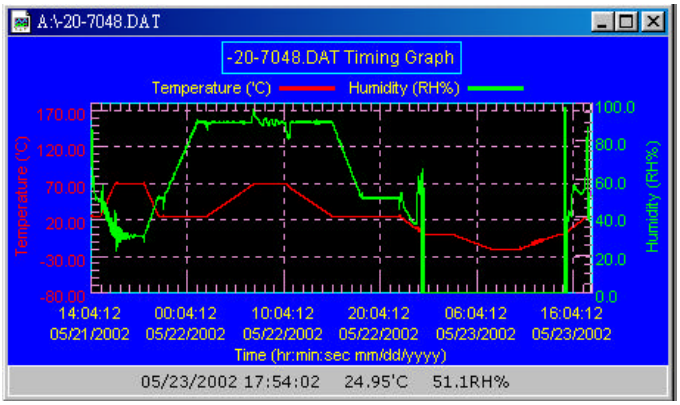
Standard	Description	Result
IEC 68-2-61	Temperature & Humidity Cycle Test (Windows Media player used for viewing VCD)	Pass
IEC 68-2-30	Temperature & Humidity Power On/Off Test	Pass

11. Temperature & Humidity Cycle Test:

11-1 Testing Specification:

Step	Temperature (℃)	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	70	30	01:30
4	70	30	03:00
5	25	50	01:30
6	25	50	00:30
7	25	90	03:30
8	25	90	01:00
9	70	90	05:00
10	70	90	03:00
11	25	90	05:00
12	25	50	03:00
13	25	50	03:30
14	25	50	00:30
15	0	0	02:30
16	0	0	03:00
17	-20	0	04:00
18	-20	0	03:00
19	0	0	04:00
20	0	0	00:30
21	25	50	02:30
22	25	50	00:30

11-2 Test Curve:



12. Temperature & Humidity Power On/Off Test

12-1 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	70	90	04:30
6	70	90	02:00
7	-20	0	08:26
8	-20	0	02:00
9	25	50	04:14
10	25	50	03:20

12-2 Test Curve: