AAEON

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

AMB-2053

Fan : P/N 1759200152

Temperature Test Report

Release Date : Feb/22/2002

Issue Stamp	**QE Manager**	**Test Engineer**

Environment

Model Name : AMB-2053 EVT

Test Date : 02-22-2002

Test Site : AAEON QE Dept.

Performed by : Rex Chang

Test Standard :

Select	NO.	Description
√	IEC 68-2-61	Test Z/ABD : Climatic Sequence Test

Testing Item :

Temperature & Humidity Cycle

Additional Test Peripheral :

Configuration	Model
Test O.S.	Win98SE
Test Software	PassMark BurnIn Test Pro v2.2

Testing Equipment :

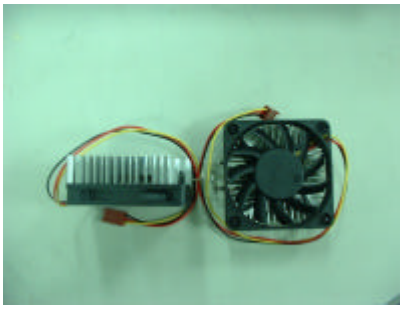
Programmable Temperature & Humidity Chamber
Model : Ths-D4L+-100
S/N : 1241
Date of Calibration : 07-10-2001

Sample Configuration & Quantity Under Test :

System Information:

AMB-2053 (15" LCD + ACS-2303 Control Box)

1.CPU card : SBC-658
2.Chipset : Intel 440BX
3.CPU : Intel PentiumⅢ 1GHz (100x10)
4.Memory : NEC D4564841G5-A80-9JF 128MB SDRAM (PC-100)
5.VGA : C&T 69000
6.Display : 15" XGA color TFT LCD display
7.FAN : P/N 1759200152

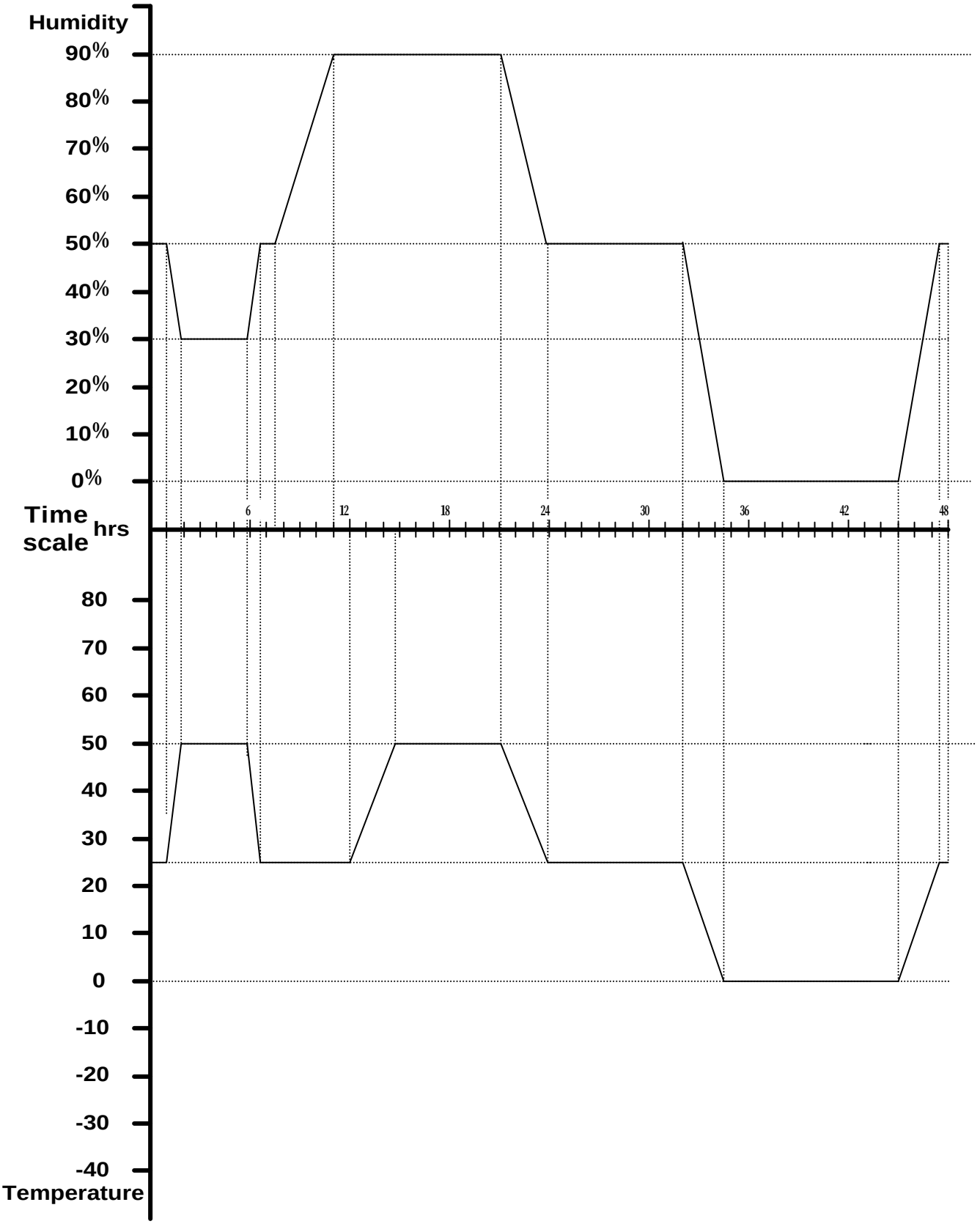


Test Result :

Standard	Description	Result
IEC 68-2-61	Temperature & Humidity Cycle Test (Run PassMark BurnIn Test Pro v2.2)	**Pass**

Environment

Temperature & Humidity Cycle Test (Run PassMark BurnIn Test Pro v2.2)



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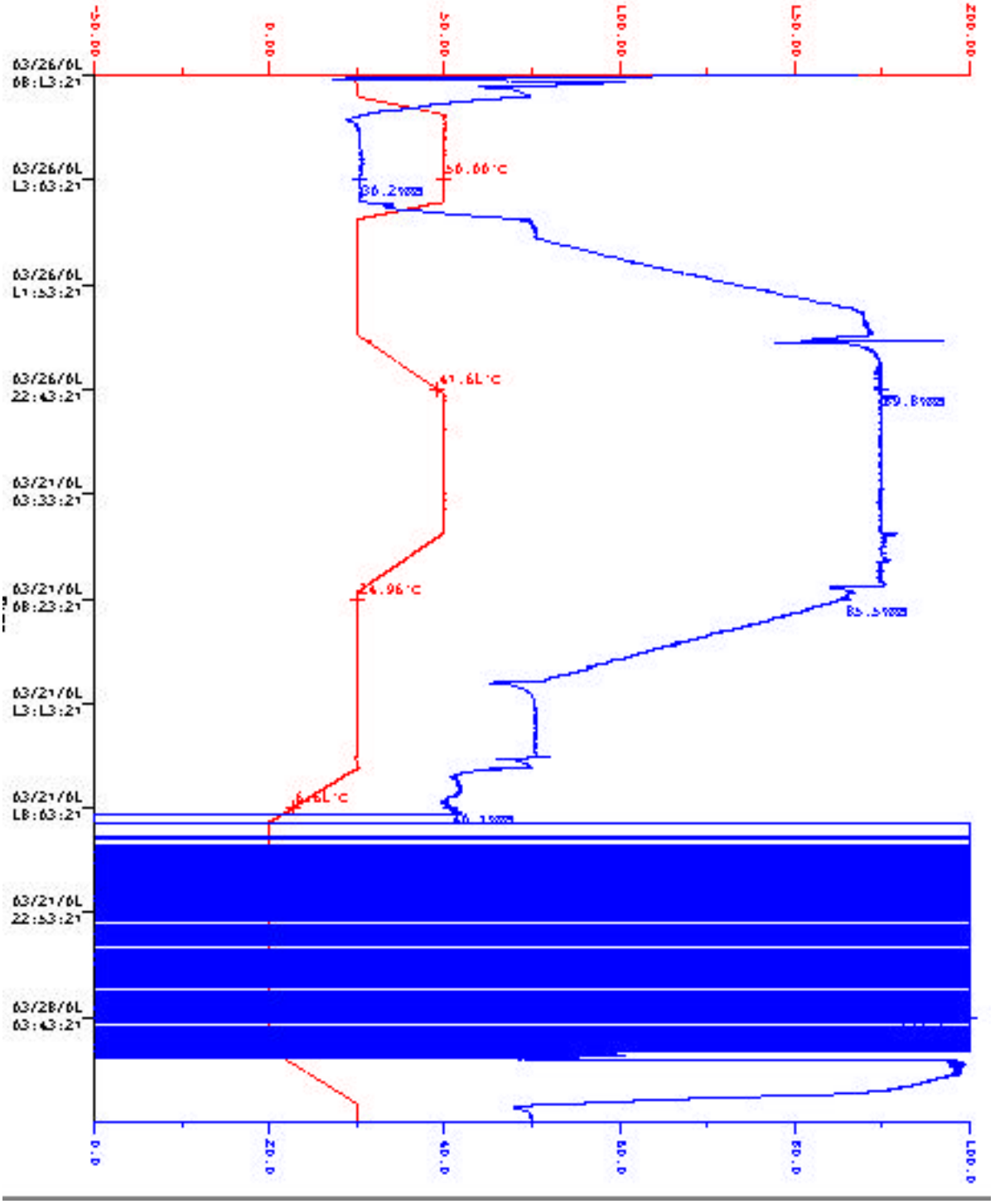
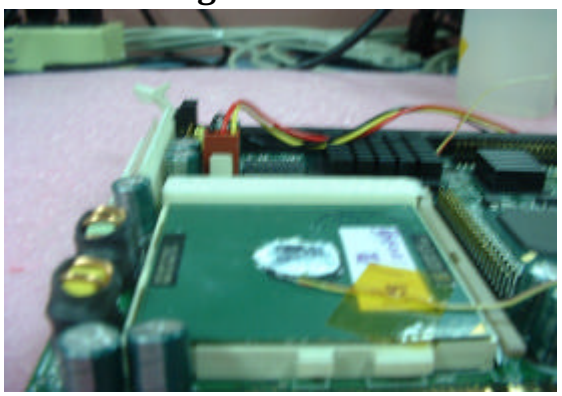
Environment

Temperature & Humidity Cycle Test (Run PassMark BurnIn Test Pro v2.2)

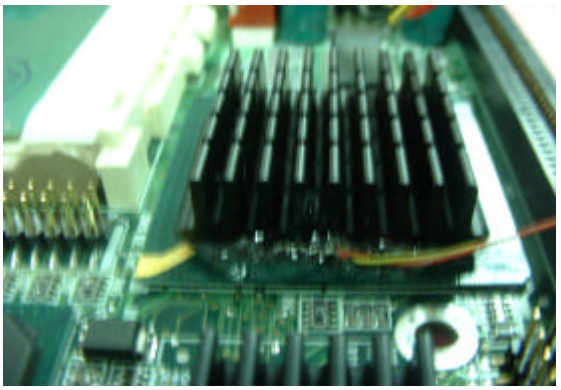


Temperature measurement

1. Measuring Position :

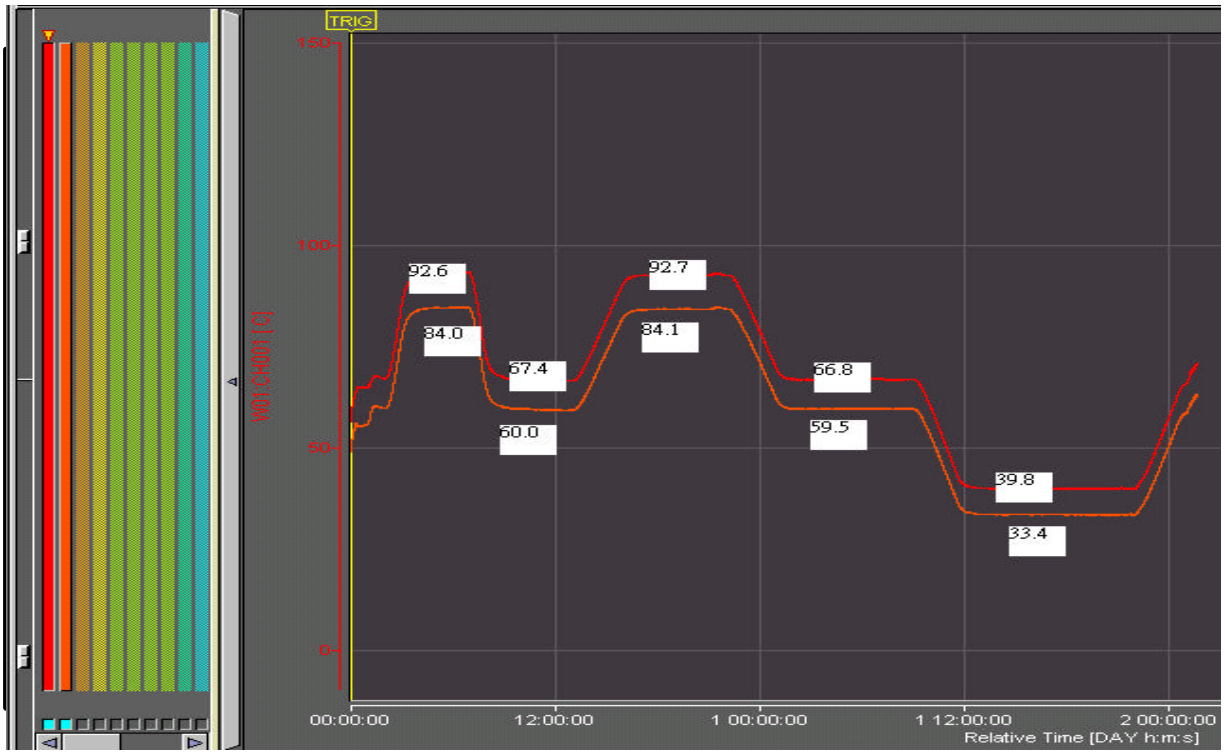


(Channel 1) CPU



(Channel 2) BGA 82443BX

2.Temperature chart :



3.Test Result :

CH / Temperature	Channel 1	Channel 2
After 4 Hours 50℃	92.6℃	84.0℃
After 9 Hours 25℃	67.4℃	60.0℃
After 18 Hours 50℃	92.7℃	84.1℃
After 28 Hours 25℃	66.8℃	59.5℃
After 40 Hours 0℃	39.8℃	33.4℃