

# **AEC-6100 rev.B (PCM-6892)**

## **Environment Test Report**

**Report NO : 02E020059**

Issued by:

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*Rex-Chang*  
**DV Engineer**

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**12/27/2002**

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**Date**

Reviewed by:

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*Wayne-Chen*  
**DV Manager**

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**12/27/2002**

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**Date**

**Test Date:** 12-24~12-26-2002

**Test Product:** AEC-6100 rev.B (PCM-6892 A0.3)

**Test Site:** AAEON DV 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

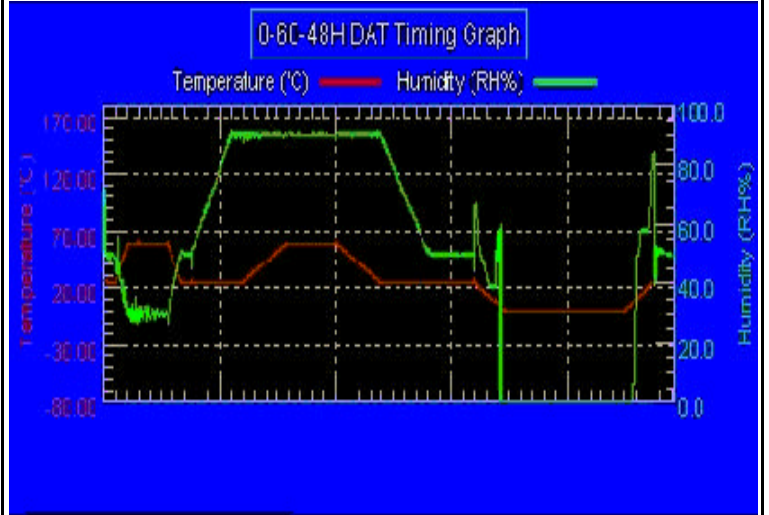
**Test Item:**

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:

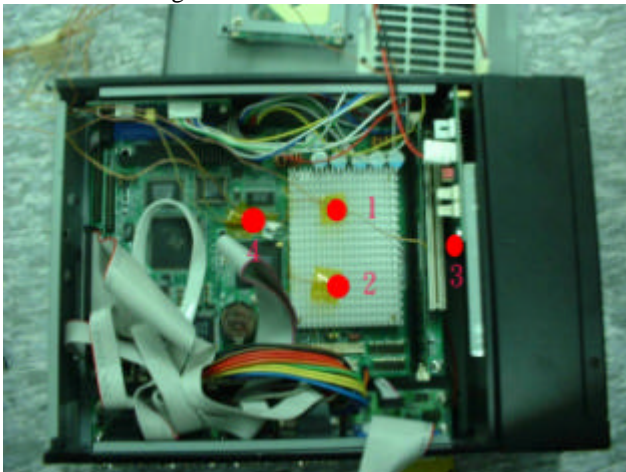


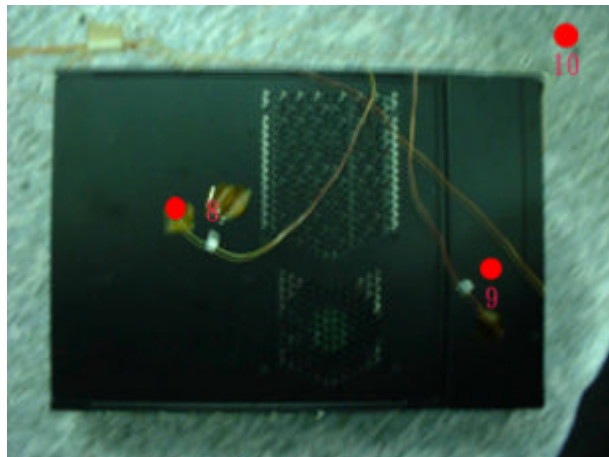
### Sample Configuration & Quantity Under Test:

1. CPU : Onboard CPU 667MHz (Bios Ver.1.0)
2. SDRAM : 64MB NEC D4564841G5-A80-9JF (PC-100)

### Temperature Recorder:

Measuring Accelerometer Position:





Point	Temp. Stage		
	60	25	0
1.VIA 667MHz CPU	98.1	61.9	35.7
2.S3-VIA VT8606	97.6	61.7	35.7
3.Memory	94.1	59.7	34.9
4.Control Box.Inside air temperature	84.2	47.9	21.5
5..HDD	74.3	39.7	15.1
6. Power Box.Inside air temperature(1)	66.0	30.8	6.2
7.Power Box.Inside air temperature(2)	67.5	32.7	8.2
8.Control Box Surface	64.9	29.9	5.0
9.Power Box Surface	65.6	30.5	5.6
10.Chamber air temperature	62.5	27.9	2.1

**Test Result:**

**Passed.**

The AEC-6100 rev.B (PCM-6892) Industrial Workstation meets temperature cycle test