

QA Test Report

**IPC-623
With
PCA-6159**

(High Temperature Test)

Report No : 1998T050

Issue Stamp

Albert Lee
Manager of QA Department

Charles Chang
Approval

QA Lab Reliability test

Test Date : November 19 ,1998 ~ November 25, 1998

Test Site : Advantech QA Environment Lab

Performed By : Charles Chang

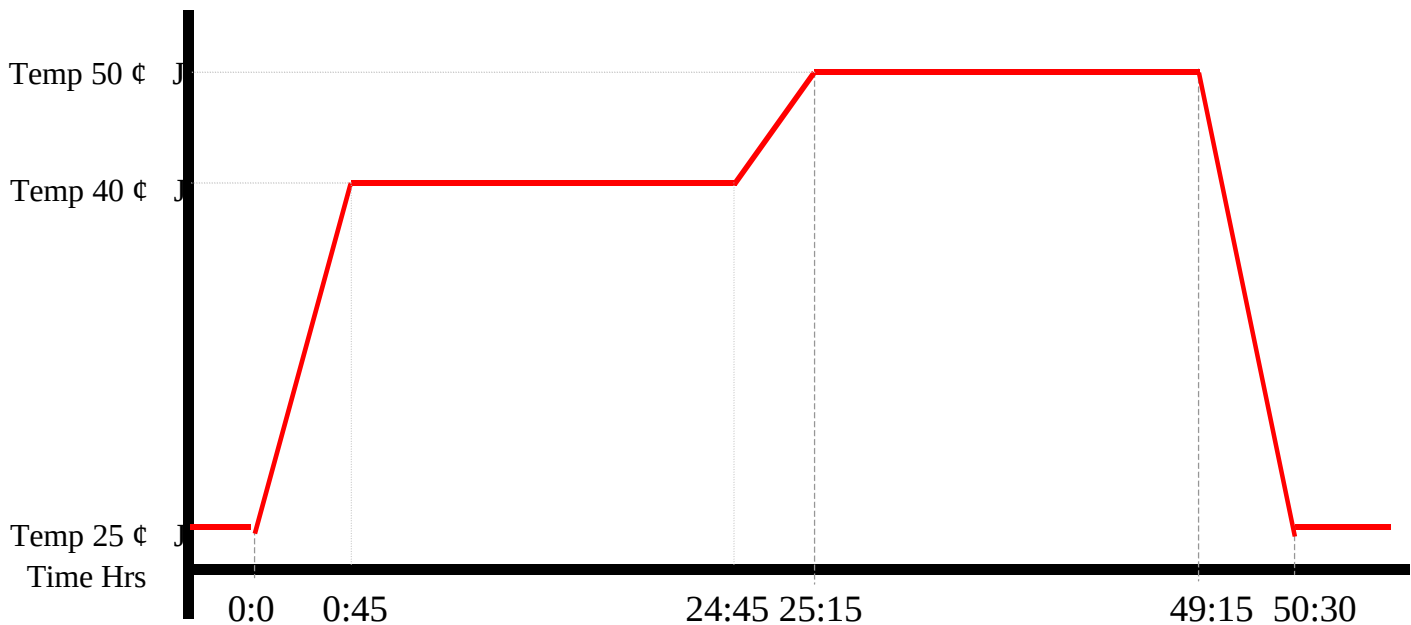
Purpose : The NDPD test

Test Standard : Reference IEC68-2-2 Testing procedures

Test Bb : Dry heat test

Test Condition :

1. Test Temperature : 40 ºC & 50 ºC
2. Temp dwell time : 24hrs each temp
3. Test Software : Qaplus/fe Ver5.29
4. Test Environment Curve :



QA Lab Reliability test

Test Equipment : Programmable Temperature & Humidity Chamber
GIANT FORCE CO. LTD.
Model : GTH-408-40-1P
S/N : GF-95791-1
Date of Calibration : 04-14-1998

Sample Configuration & Quantity Under Test :

Using one IPC-623 Chassis with the following options installed:

1. M/B: PCA-6159 rev.A201-1
2. CPU: Pentum 200MMX
3. VGA: ET6000 PCI VGA Card
4. Add on card: PCL-718 High-Perf DAS Card
5. Loading Card: 5V3A,12V1.2A
6. HDD: Seagate St39140A
7. FDD: TEAC FD-55GFR 5.25"×2
TEAC FD 235HF 3.5" ×1
8. CD-ROM: NEC CDR-273
9. Alarm Control Board
10. IPC-615B Temp Board Rev.A101-1
- 11.Backplan: PCA-6120P4 Rev.A1
- 12.Fan: Delta WFB1212H
- 13.Redundant power: ETRIS EPR-302 300W×2

Performance Criteria :

Electronic function check:

- 1.Install the loading card into slot 6 and slot 10.
- 2.Install PCL-718 High-Perf DAS card into the slot4, slot8 and slot 12.
- 3.The QAPlus/fe test program select normal item to test, The system must pass these items.

Mechanical function check:

- 1.The switch button , covers ,slot can work properly without any interference.
- 2.All gaps on the surface are appropriately.

*QA Lab Reliability test***Test Result :**

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

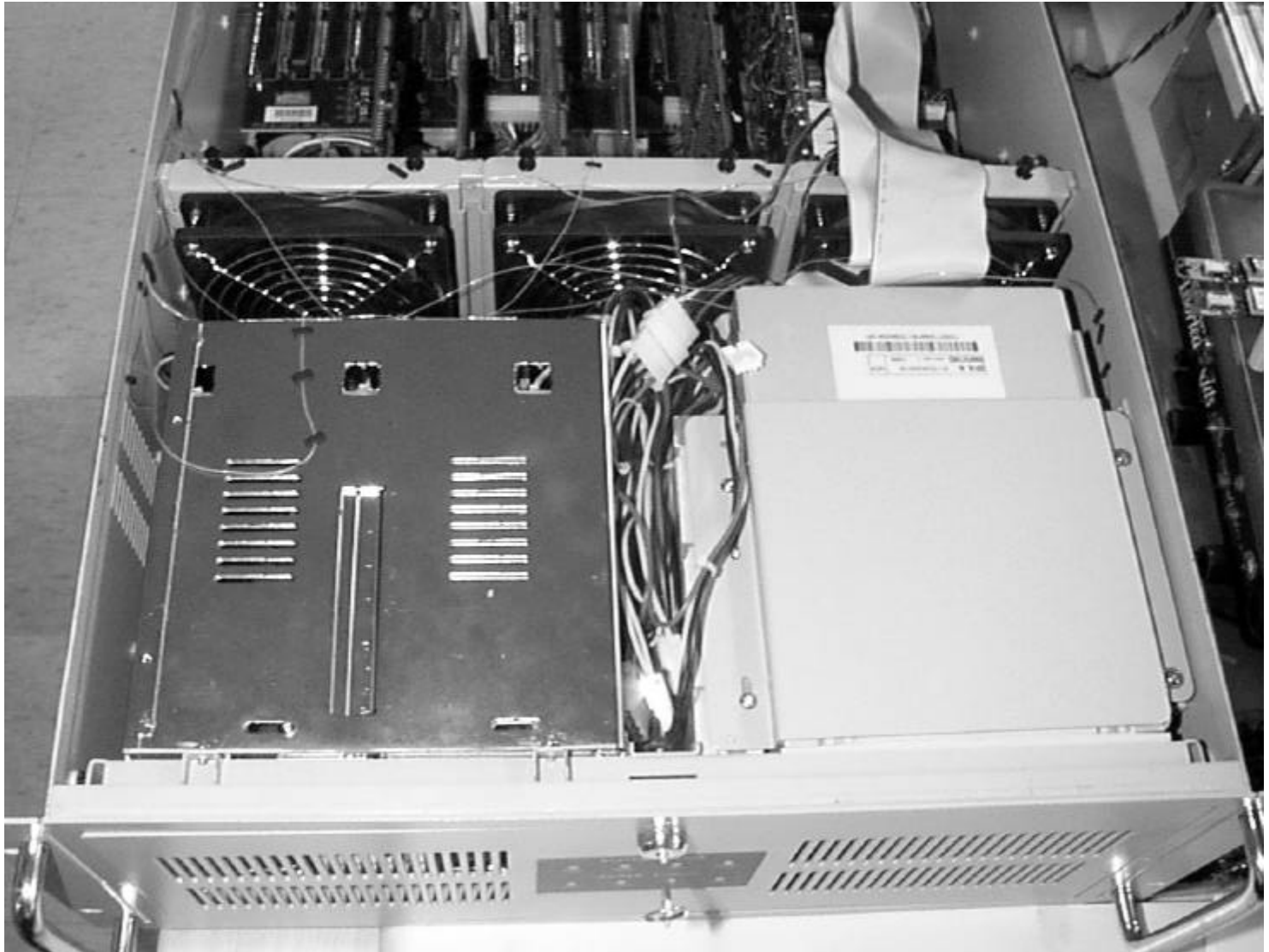
PASSED.

The IPC-623 with PCA-6159 meet the High temperature test

Testing Photograph:

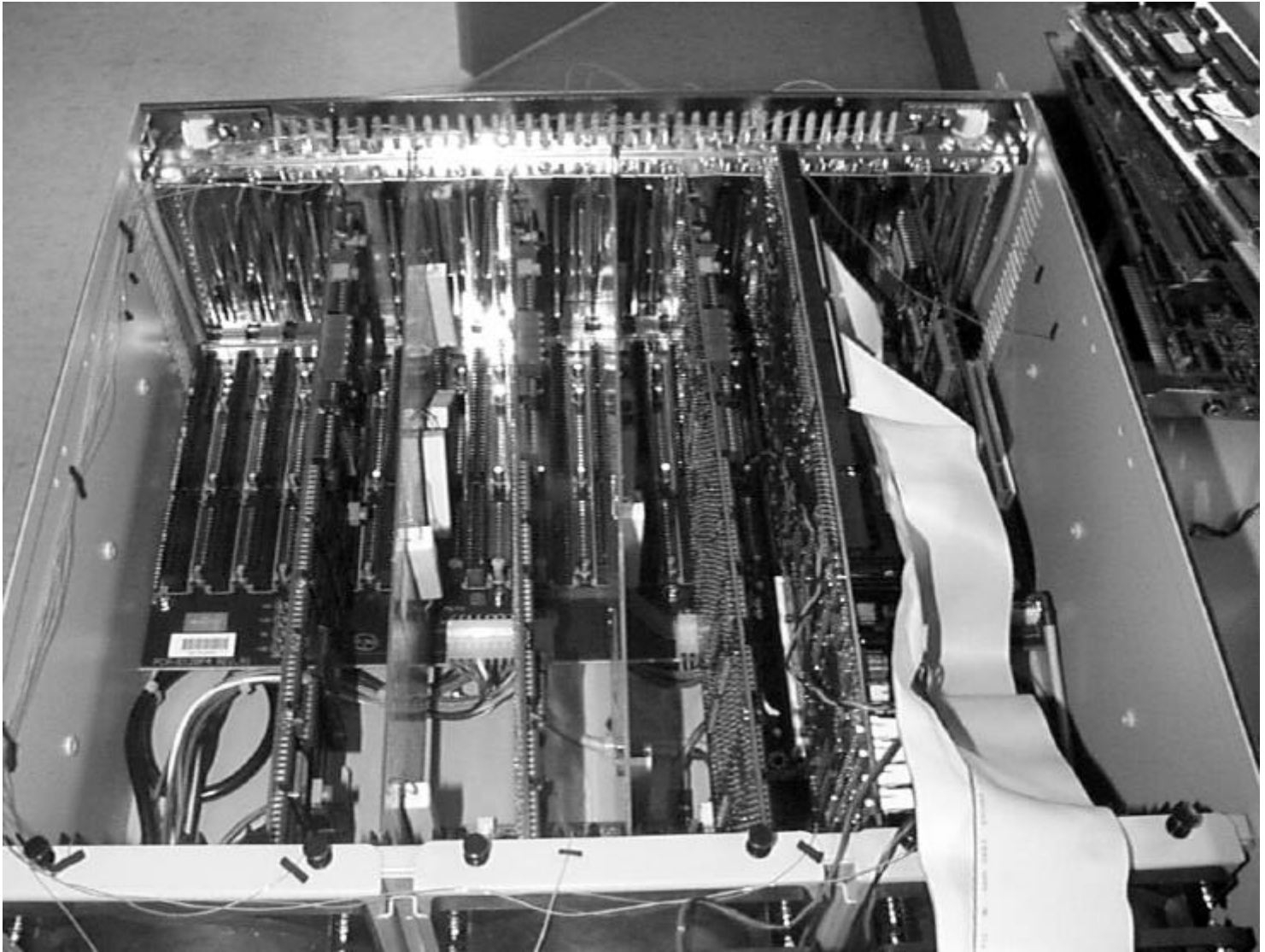
PCA-6159 CPU card

Testing Photograph:



The system fan and device

Testing Photograph:



The add on card at the IPC-623 system

Testing Photograph:



The redundant power