



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

MB-662

Thermal Image Analysis Report

Release Date:JAN.11.2001

Issue Stamp

QA Manager

QE Manager

Test Engineer

Thermal Image Analysis

I . Model Name: MB-662 Rev.A0.1

II . Description: AIO Board, Socket370, LCD, LAN, Audio, 4COMs & SSD

III . Date: JAN. 11, 2001

IV . Measure Site: AAEON QE Dept.

V . Issued by : Kuochen Huang

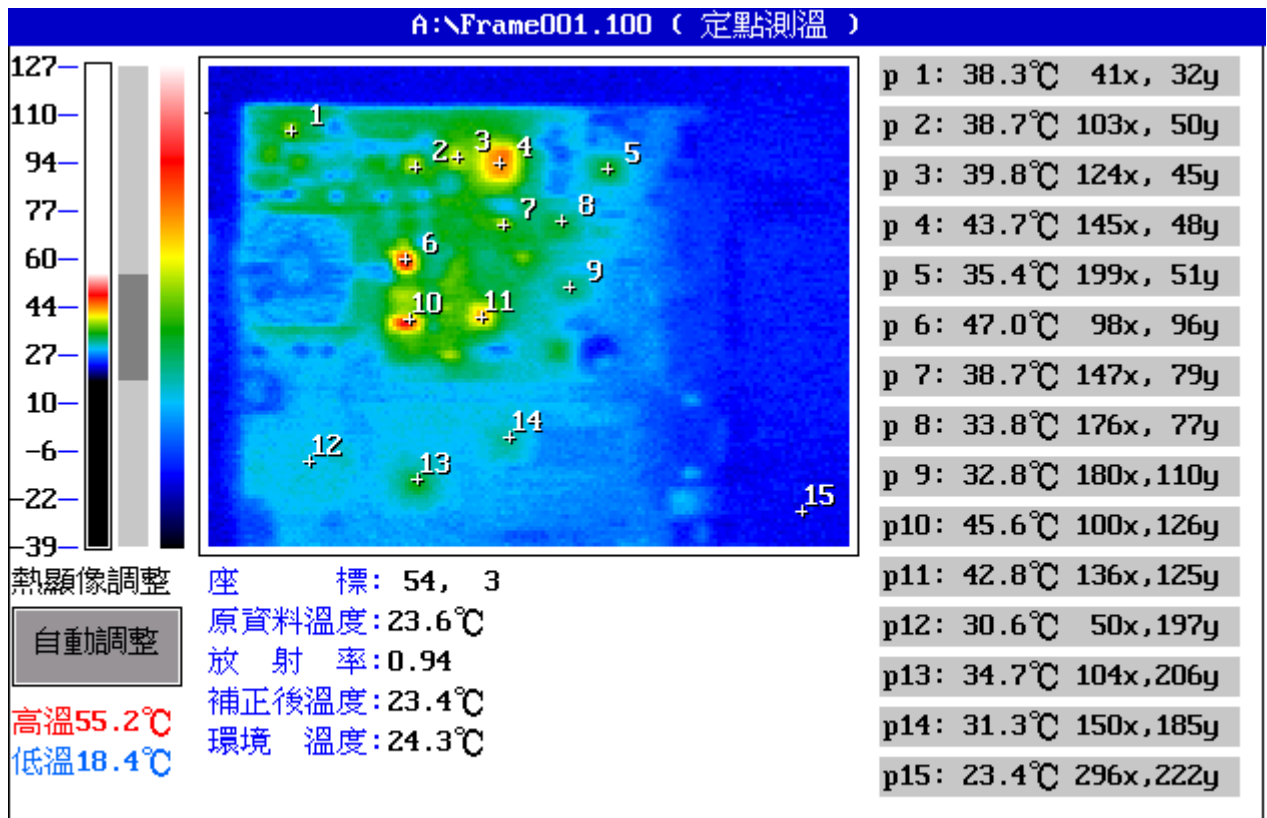
VI.Equipment: TVS-100 series by NIPPON AVIONICS CO., LTD.

VII. Simulation Environment:

- **Temperature: 23.4 degrees C**
- **CPU: Celeron 400MHz**
- **RAM: 32 MB**
- **Hardware: DiskOnChip**
- **Application Software: QAPLUS/FE V5.5**
- **Take Picture Time: Power on 30 minutes after**

Temperature Profile Test:

Component Side:



Point	Position	Describe	Ts	Tm	Note
1	U15	0013 LTC1753CG NO9752		38.3°C	
2	Q6	LINFITY LX8384-00CDD THAI 0034M		38.7°C	
3	U9	74F14D C9 5306 Fnn0001K		39.8°C	
4	U12	CHIPS B69000 W69000B4 0024-b		43.7°C	
5	U26	RTL8139C 07240S1 029B TAIWAN		35.4°C	
6	Q4	LINFITY LX8384-00CDD THAI 0034M		47.0°C	
7	U7	G245A 05K H9LD		38.7°C	
8	U19	Winbond W83977ATF-AW AM. MEGA. 87-96 0030E294664902SA		33.8°C	
9	U29	ITE IT8661F 0027-EYA ZM6488		32.8°C	
10	U25	9248DF-390032 CM070052		45.6°C	
11	U45	ESS ES1938S K260 TTWCC9252S		42.8°C	
12	U10	Intel AGPset FW82443BX L0260130		30.6°C	
13	U1	Intel PCiset FW82371EB L0071E99 SL37M		34.7°C	
14	U14	ALTERA EPM7032LC44-15 W BFD320019A		31.3°C	
15		The Room Temperature		23.4°C	

1. Operation Temperature (°C):

Ts = Defined by component specification ; Tm = Measured by QE

2. ※ = Ts - (Tm + 60 - 25)