



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

PCM-3336

Thermal Image Analysis Report

Release Date:JAN.10.2001

Issue Stamp

QA Manager

QE Manager

Test Engineer

Thermal Image Analysis

I . Model Name: PCM-3336 Rev.A0.2

II . Description: 386SX-40 PC/104 CPU Module with LCD & SSD

III . Date: JAN. 10, 2001

IV . Measure Site: AAEON QE Dept.

V . Issued by : Kuochen Huang

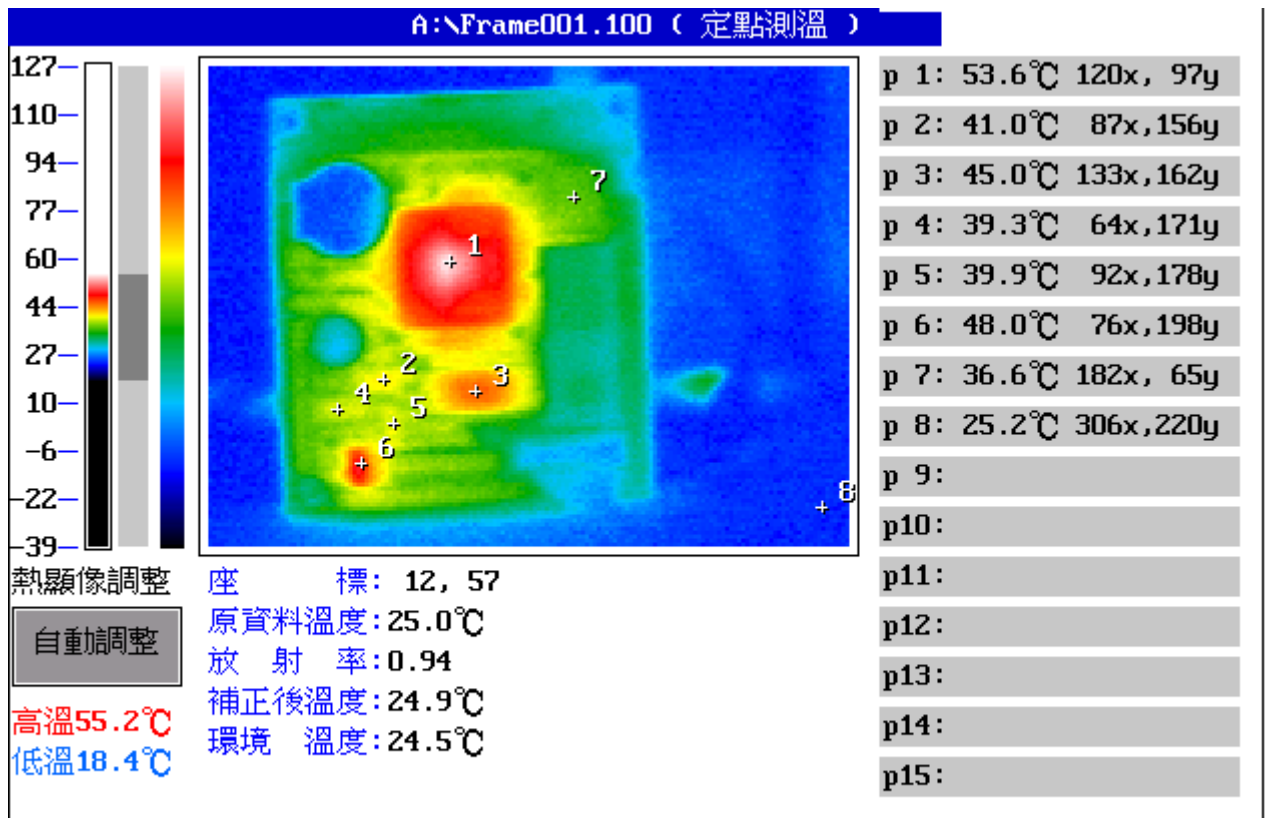
VI.Equipment: TVS-100 series by NIPPON AVIONICS CO., LTD.

VII. Simulation Environment:

- **Temperature: 25.2 degrees C**
- **CPU: ALi M6117C,Intel 80386SX-40 compatible**
- **RAM: 512 KB**
- **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	U8	ALi M6117C A1 9925 TS05 XBK86141000D	-10 ~ 70°C	53.6°C	
2	U7	ADM213EARS 9921 F103069.1		41.0°C	
3	U5	9903TS V53C518160AK50		45.0°C	
4	U10	ADM213EARS 9921 F103069.1		39.3°C	
5	U6	CMD 9828 SUPER1284-04Q		39.9°C	
6		ICS650R-01 CN178491C 9849		48.0°C	
7	U3	SST 29EE010 120-4C-NH 9932038-01		36.6°C	
8		The Room Temperature		25.2°C	

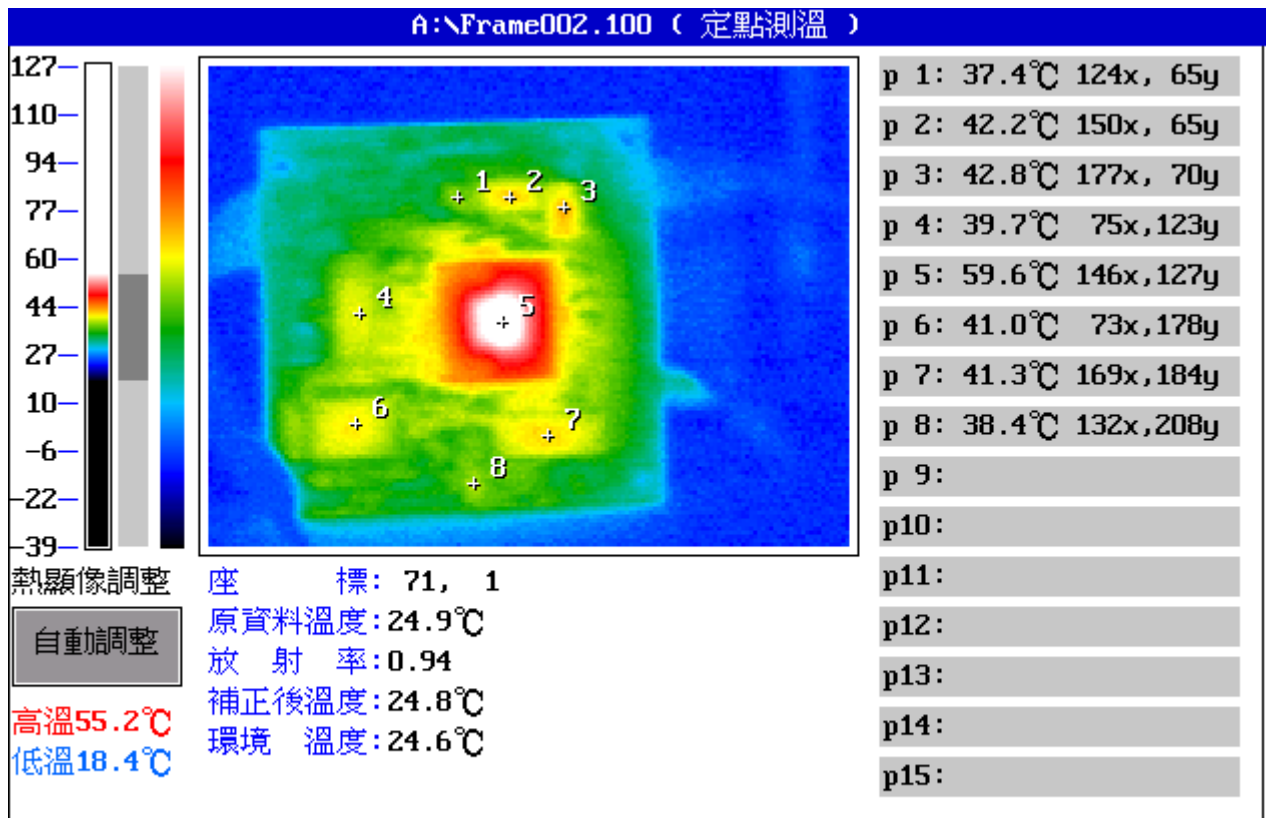
1. Operation Temperature (°C):

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

2. ※ = Ts - (Tm + 60 - 25)

Temperature Profile Test:

Component Side:



Point	Position	Describe	Ts	Tm	Note
1	U15	CMD PAC KBM Q 9910		37.4°C	
2	U16	74F373D GLK4197 9901nR		42.2°C	
3	U18	94AX65K F244		42.8°C	
4	U19	9903TS V53C518160AK50		39.7°C	
5	U17	CHIPS F65545 B2 W65545AE3 9934	-10 ~ 70°C	59.6°C	
6	U20	ITE IT8661F 9941-YET F8S130		41.0°C	
7	U21	NEC JAPAN 424260-60 9850H5L04		41.3°C	
8	U22	9G46 LS04		38.4°C	

1. Operation Temperature (°C):

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

2. ※ = Ts - (Tm + 60 - 25)