

PER-U01H

Audio Daughter Board

Thermal Image Analysis Report

Report NO: 081080005

Release Date: 8/06/2008

2008/08/06

Issue Stamp

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Manager

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Test Engineer

Thermal Image Analysis

I . Model Name: PER-U01H Rev:A0.1

II . Description: Audio Daughter Board

III . Date: 2008/08/06

IV. Measure Site: AAEON QE Dept.

V. Issued by : Echo Chang

VI.Equipment:

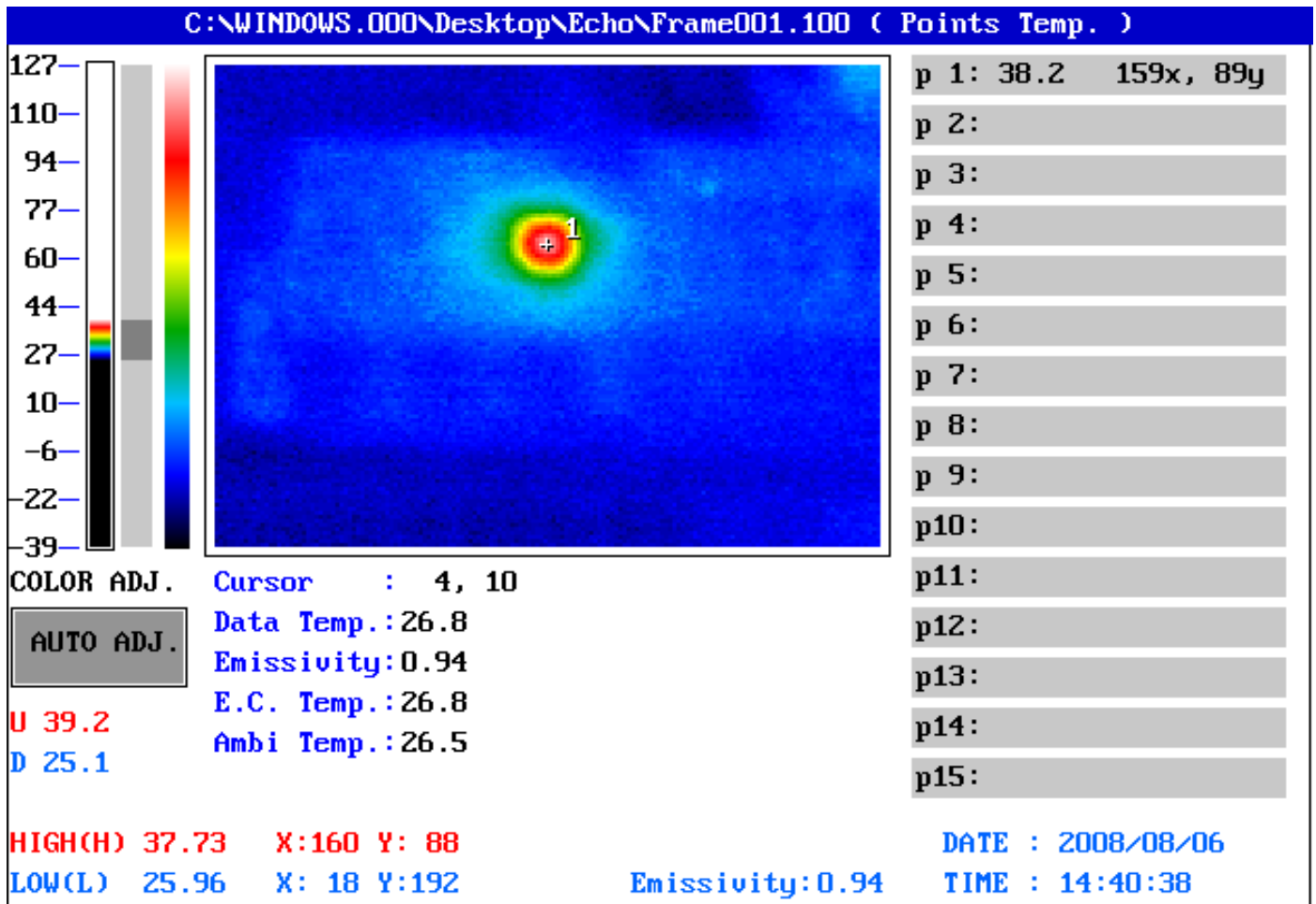
TVS-100 series by NIPPON AVIONICS CO., LTD.

VII. Simulation Environment:

- Temperature: Component Side-1 : 26.5°C ,**
- CPU : Intel Core 2 CPU 8400 3.00GHz**
- RAM : Kingston DDRII 800 1GB KVR800D2N6/1G**
- BIOS : FSB-960H BIOS Rev.1.2 for G2 (06/03/2008)**
- CF Card : N/A**
- HDD : Seagate ST380815AS 80GB 3.AAD**
- Application Software: Playing DVD with PowerDVD and Playing MP3 with media player at the same time**
- Take Picture Time: After Power on 2 hours.**

Temperature Profile Test:

Component Side-1:



Point	Position	Describe	Tc (°C)	Tm (26.5 °C)	Tm (60°C)	Note
1	U2	(TF)IC.SMD.LQFP 48P.7.1Channel HD Audio Codec.REALTEK.ALC888-VC2-GR	100	38.2	71.7	

1. Tm (Measured operation temperature) must be less than Tc (Specified case temperature) +5 degree C
2. Any Tm value showed in red words which meaning the value is over the Tc+ 5 degree C of this device specification