



Industrial Computing Platform Partner

ONYX-170

With HDD

Vibration Test Report

Report NO: 07P030017

Issued by: **Rex Chang** / **06/08/2007**

Engineer

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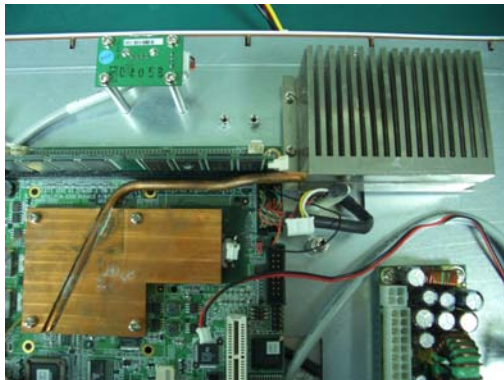
Manager

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|---|---|
| 1. <i>Test item list</i> ----- | 2 |
| 2. <i>Random Vibration Operation Test</i> ----- | 3 |

Test Configuration:

Num	Item	Spec
1.	Low Noise Medical Station:	ONYX-170
	1.LCD	TFT LCD.17" CPT CLAA170EA07 / 4 LAMP
	2.AC ADAPTER	FSP 105-AGB I/P : 100~240VAC O/P:15V/7A
	3.DC/DC POWER SUPPLY	EPD-146 Rev : C
	4. Inverter	HYUNDAI 17" TFT LCD. (4LAMPS) QF132V1.16(S)
2.	CPU Board:	PCM-8200 Rev: A1.0
	1. Bios Ver.	ONYX-193 (03/27/2007)
	2.CPU	Intel Pentium M Processor 1.1G
	3.Memory	DSL 1GB hynix HY5DU12822CTP-D43 (DDR333)
	4.I/O Board	Y010 Ver: A1.3
	5. HDD (SATA)	FUJITSU MHV2080BH / 80GB
	6.Test Software	Windows XP
	7.DVD-ROM	TEAC DV-28SL-R93

Heat-Pipe



Test Date: 06-07-2007

Test Product: ONYX-170

Test Site: AAEON QA Internal Lab.

Test Standard: Reference IEC68-2-64 Testing procedures

Test Fh: Vibration boardband random test

Test Equipment:

Vibration Simulator System

KING DESIGN Co. LTD.

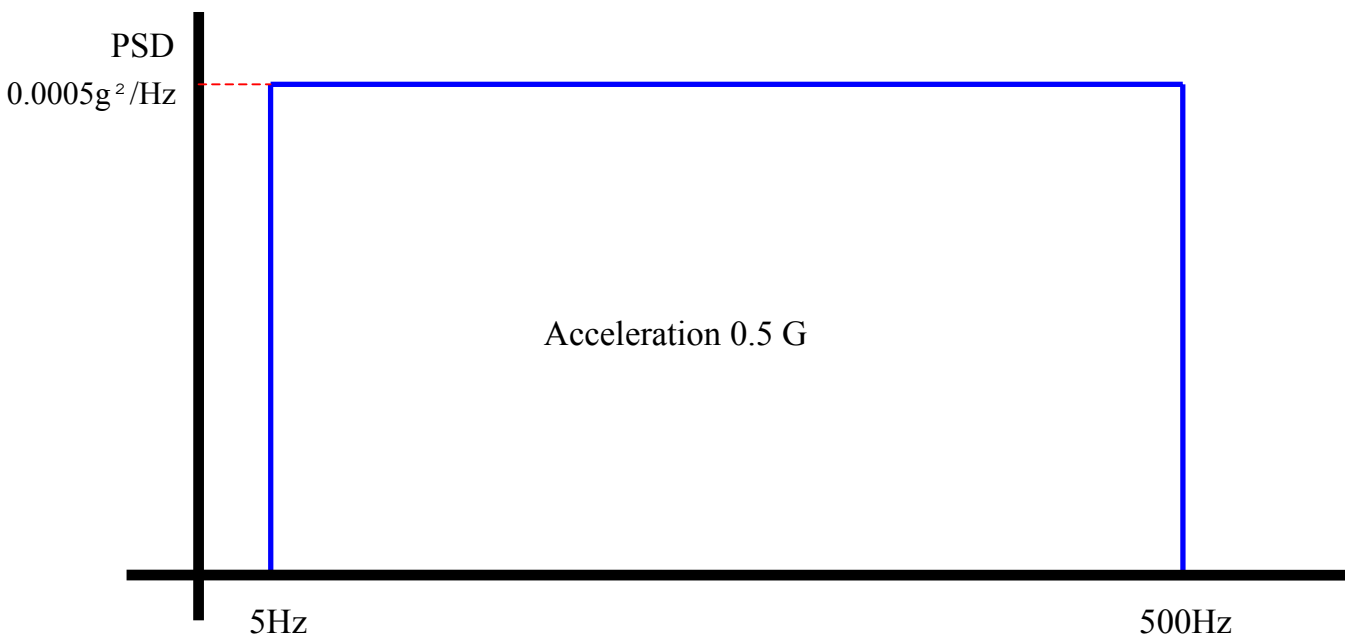
Model: KD 9363-EM-600F2K-40N20

Serial Number: UU110099090

Date of Calibration: 10/17/2006

Test Condition:

1. Operation
2. Test Acceleration: 0.5 G Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows XP / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

No structure deformation was found, and function was working normally.