

Rapport de tests de chute et de vibrations

Révision: 001



Didier CORTIAL
Hardware Programs Manager
dcortial@arkoon.net

Engineering Drop and Vibration Test Report

Report No : 20070302

Testing Model : Kilin-6005

Testing Date : 22/Mar/2007

Test Item : Vibration Test

Condition : Face *3 One face at a time

From bottom, to right, and to small side.

0.7mm Width clockwise; Frequency from 5Hz to 100Hz,
and back to 5Hz as a Cycle.

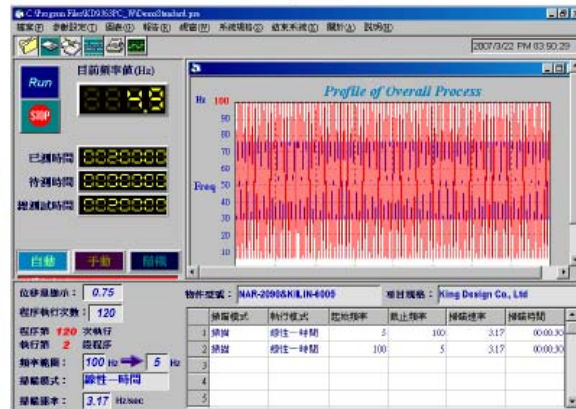
One minute per cycle, 2 hours per face.

Remark :

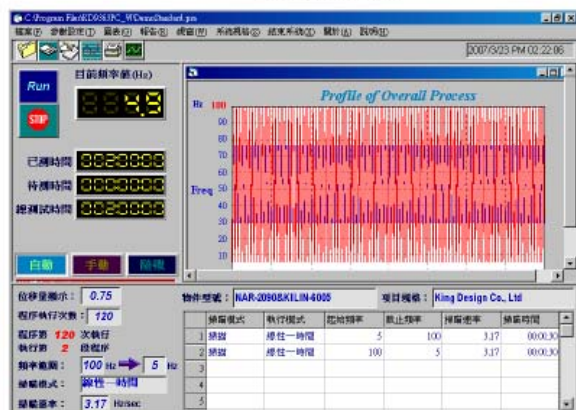
Engineering Drop and Vibration Test Report



Bottom side face



Right side face



Small side face



Engineering Drop and Vibration Test Report

Test Result : 1.System boots up to P-qua test program and performs normally.

```
poor performance and memory instability may result.
The memory speed must be specified in the board eeprom

Warnituple not found in eeprom, using defaults
EBH3100 board revision major:1, minor:0, serial #: unknown
OCTEON CN31XX-CP revision: 0(pass 1), Core clock: 500 MHz, DDR clock: 266 MHz (5
32 Mhz data rate)
DRAM: 512 MB
Flash: 8 MB
*** Warning - bad CRC, using default environment

Clearing DRAM..... done
BIST check passed.
Starting PCI
PCI Status: PCI 32-bit
0
Net: octeth0, octeth1, octeth2
Bus 0: OK Bus 1: not available
Device 0: Model: 128MB CompactFlash Card Firm: CF_A408J Ser#: A141119768000404
4169
Type: Hard Disk
Capacity: 122.5 MB = 0.1 GB (250880 x 512)
Octeon KL6005#
```

2.Judgement) : **Passed.**

Testing Engineer : *Dylan*

Engineering Drop and Vibration Test Report

Testing Date : 22/Mar/2007

Test Item : Drop test with 1 inner carton packing

Product Weight : 11Kg

Conditions : Axis Test Description

Corner *1 One time for each corner from the height of 75cm

Edge *3 One time for each edge from the height of 75cm

Face *6 One time for each Face from the height of 80cm



Corner



Short Edge



Mid Edge



Long Edge

Engineering Drop and Vibration Test Report



Small Right Face



Small Left Face



Right Side Face



Left Side Face



Upper Side Face



Bottom Side Face

Engineering Drop and Vibration Test Report

Test Result : 1. System boots up to P-qua test program and performs normally..

```
poor performance and memory instability may result.
The memory speed must be specified in the board eeprom

Warnituple not found in eeprom, using defaults
EBH3100 board revision major:1, minor:0, serial #: unknown
QCTEON CN31XX-CP revision: 0(pass 1), Core clock: 500 MHz, DDR clock: 266 MHz (5
32 Mhz data rate)
DRAM: 512 MB
Flash: 8 MB
*** Warning - bad CRC, using default environment

Clearing DRAM..... done
BIST check passed.
Starting PCI
PCI Status: PCI 32-bit
0
Net: octeth0, octeth1, octeth2
Bus 0: OK Bus 1: not available
Device 0: Model: 128MB CompactFlash Card Firm: CF_A40BJ Ser#: A141119768000404
4169
Type: Hard Disk
Capacity: 122.5 MB = 0.1 GB (250880 x 512)
Octeon KL6005#
```

2..Judgement) : **Passed.**

Testing Engineer : *Dylan*