

## CL1 PMT TEST REPORT

## TESTING ITEM: Package Vibration Test

Date of Report: Sep-26-2007

File No: CL1-04.03-0

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**Test Purpose:** The purpose of the test is to verify that units under test can withstand the fragility vibration during suspend mode.

**1.0 Test Place** : TFC SDA Lab.

**2.0 Model No.** : OLPC(CL1)

**3.0 Test Unit** : 5 units (5 in 1)

**4.0 Configuration:**

1. CPU : "AMD" Geode ALXC700EETH2VD,433MHZ.
2. South Bridge : "AMD" CS5536AD.
3. Clock Generator : "SLG" SLG62102KTR  
"IDT" ICS1491F-10LFT  
"RSC" RTM265-100-VB-LFT
4. Embedded Controller : "ENE" KB3700.
5. BIOS Chip : "SFS" K9F4G08U0A-PCB0  
"HYU" HY27UF084G2M-TPCB
6. Display Control : "Himax" HX8837-A010LAG.
7. SDRAM : "ISSI" IS42R16100C1-7TL
8. DDR SDRAM : "HYU" HY5DU561622ETP-J-C  
"NYP" NT5DS16M16CS-5T  
"PCS" A2S56D40CTP-G6L  
"WND" W9425G6DH-6
9. FPGA CAFE : "ALTERA" EP2C50U484C7N
10. Flash Memory : "SAMSUNG" K9F4G08U0A-PCB0
11. AC97 Codec : "ANALOG DEVICES" AD1888JCPZ-REEL
12. Audio Amplifier : "ANALOG DEVICES" SSM2302CPZ-REEL
13. WLAN IEEE802.11b/g : "QMI" 9WUS101GNF00Q
14. Touch Pad : "ALPS" 56G6035C1
15. Main Battery : "GP" Ni-Mh,NTA2408(6.0V,2.9A)  
"BYD" LifeP04, (6.5V,3.1A)
16. AC Adapter : "ADP" ADP-15PH,12V 1.25A  
"PI" ADP5953,12V 1.417A  
"LITEON" PA-1150-05,12V 1.25A.
17. LCD : "CLT" 7.5"(TFT) LS075AT011

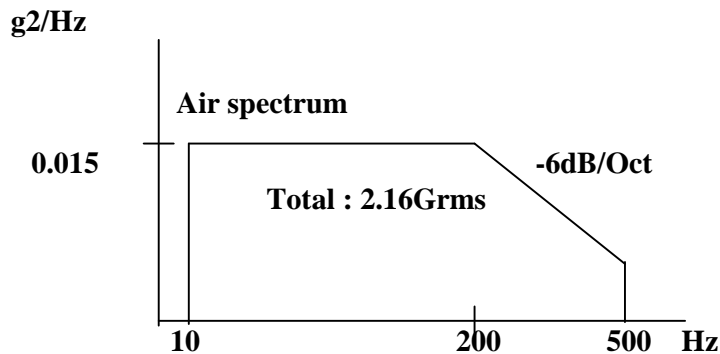
**5.0 Test Program :** None

**6.0 Test Equipment :**

- A. Vibration System “ SHINKEN “ Model: G25-150, G61-070S.
- B. Spectral Dynamics system Controller Model: G-9150.

**7.0 Test Procedure / Condition:**

- A. Before testing, the UUTs should be verified its basic function
- B. Make sure the UUTs is putted on the table firmly.
- C. Follow the random vibration specification to set up the equipment.



- D. Three axis (X,Y,Z) will be performed the vibration for 30 minutes.
- E. After testing, the UUTs should be verified its basic function.
- F. After testing, the mechanical need to inspection.

**8.0 Criteria:**

- 1. No function problem and no physical damage
- 2. No scar of the LCD panel.

**9.0 Test Result:**

S/N	Visual Check	Function Check
SHF73300019	OK	OK
SHF7330000A	OK	OK
SHF7330005C	OK	OK
SHF73300097	OK	OK
SHF733000FB	OK	OK

**10.0 Conclusion: PASS**