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Test Report

Mechanical Shock Test For Agile102

Customer: Kontron Design Manufacturing (M) Sdn. Bhd
Address: Plot 554, Lorong Perusahaan 4,
Prai Free Trade Zone,
Prai, 13600 Penang, Malaysia.
Customer Name: Mr Teoh Loo Chue
Product: Agile 102
Test Prime: Bernard Tan
Date Received: 26 November 2013
Date Perform: 28 November 2013
Report Number: QAV1213-1130
Test Location: 116, Lintang Kg Jawa, NFIZ3,
Taman Perindustrian Bayan Lepas,
Mk 12, 11900, Penang, Malaysia.

ABSTRACT: This report contains the **Mechanical Shock Test** for the **Agile 102** provided by **Kontron Design Manufacturing (M) Sdn. Bhd.**

Proprietary Information

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Prepared by: Bernard Tan

Date: 3 December 2013

1.0 Tester Summary

A total of 1 pcs test units were subjected to the mechanical shock test. Functional and visual check was done before and after test.

Description	Quantity
Agile 102	1

Table 1: Unit Summary

2.0 Tester Objective

The test objective here is to simulate the real life environment of exposing the test samples into a certain level of condition in order to check for any cracks or other unacceptable damage.

3.0 Tester Specification

Specification: IEC60068-2-27
Acceleration: 15 G
Duration: 11 ms, 3 shock/axis
Total axis: 6 axes

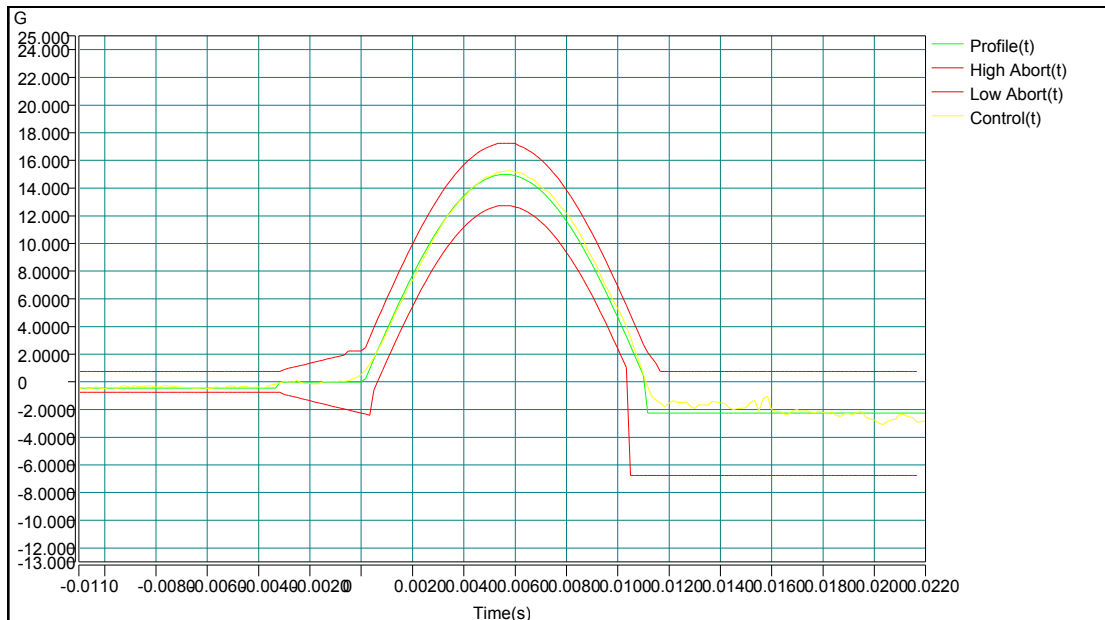


Figure 1 : Mechanical Shock test Profile.

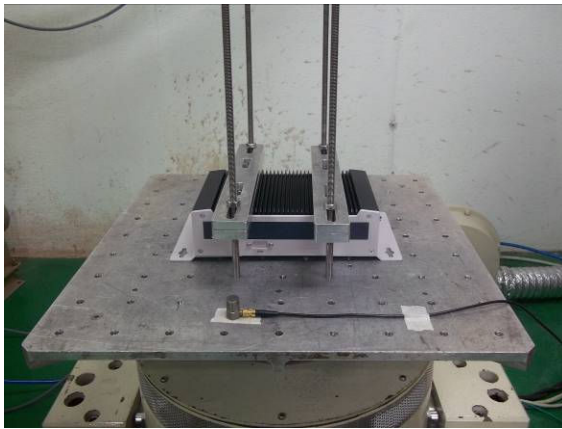
4.0 Tester Setup



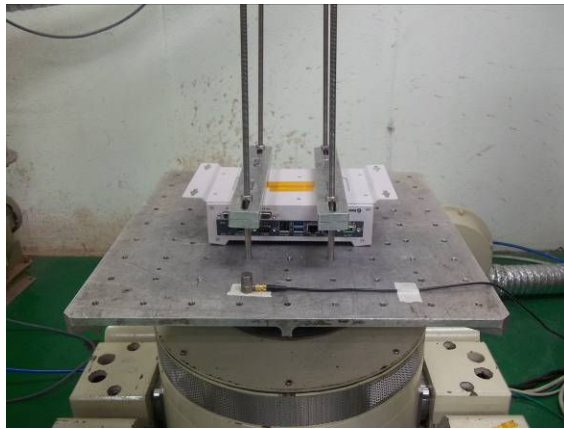
Picture 1: Vibration Table

Equipment : STI Vibration Table
Cal date : 26 Feb 2013
Cal due date : 26 Feb 2014

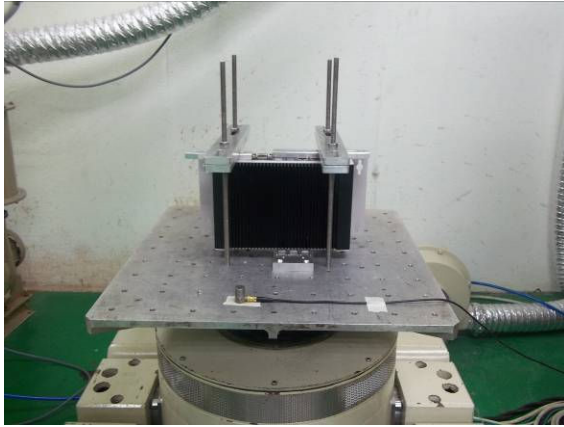
5.0 Test Setup



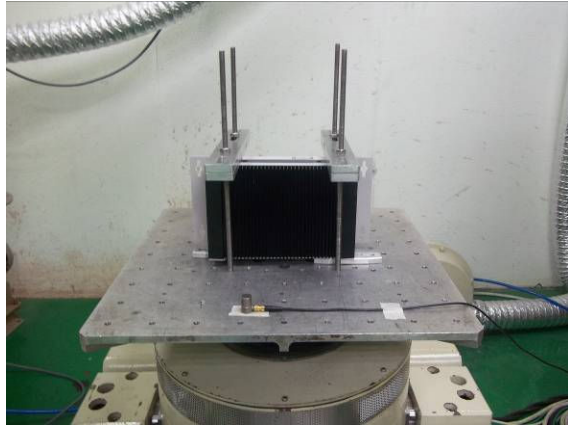
Picture 2: First Positive Axis Setup



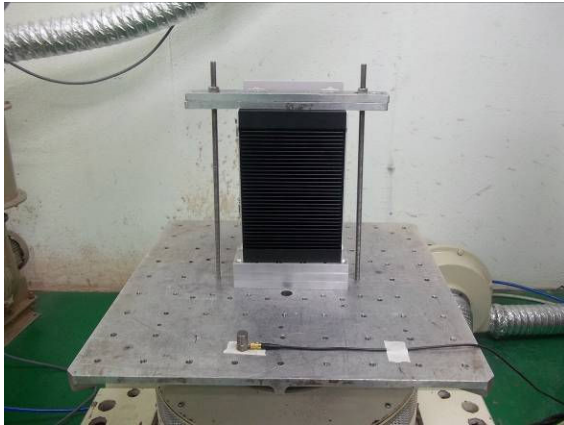
Picture 3: First Negative Axis Setup



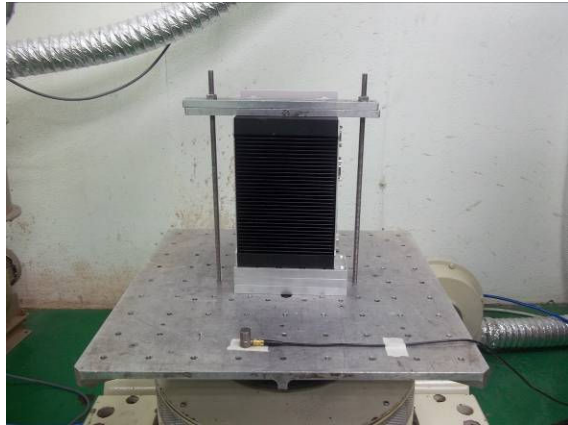
Picture 4: Second Positive Axis Setup



Picture 5: Second Negative Axis Setup



Picture 6: Third Positive Axis Setup



Picture 7: Third Negative Axis Setup

6.0 Observations



Picture 8: UUT After Test



Picture 9: UUT After Test

Tests	Initial	After
Power On	PASS	PASS
Visual Inspection	PASS	PASS

Table 2: Results Summary

Total 1 unit was subjected to mechanical shock test. The unit was pass functional and visual check before and after the stress.

QAV Technologies Sdn Bhd
Member of American National Laboratory for Accreditation
Master Code : 126594
Member No. : ON1385

Test Conducted by



.....
Bernard Tan
Test Engineer

Approved Signatory



.....
See Keat Siang
Technical Manager