TEST REPORT

No.: Date: Page Of

(Company Name)
(Company Address)

Sample Information

Sample Name: USB A To Micro USB B
Sample No.: WBZ110402-0407-1~5 (31#~35#)
WBZ110402-0407-6~10(36#~40#)
WBZ110402-0407-11~15(41#~45#)
Sample Model: /
Sample Quantity: 15PCS
Sample size: L=1m
Sample weight: 25.69g/pcs
Sample Description: Normal

Test Information

Test Items: Mechanical Shock, Random Vibration, Thermal Shock
Receive Day: /
Testing Day: /
Test Environment: /
Preconditioning: /

Test Result

Test samples	Pass/Fail criteria	Observation result	Conclusion
31#~35#	No discontinuities of 1us or longer	Meet the requirement	Pass
36#~40#	No discontinuities of 1us or longer	Meet the requirement	Pass
41#~45#	Cable jacket will not get damaged or broken.	Meet the requirement	Pass

Authorized: Checked: Tested:

Test Item 1：Mechanical Shock

1. Test Standard：Client-user defined
2. Test Equipment：

Equipment Name	Equipment Model	Equipment NO.	Calibration Useful-life
Vibration system	EM-600F2K-40N120	TTS-YQ-058	Feb 13, 2012
Transient fault instrument	10A	TTS-YQ-077	Dec 14, 2011

3. Remark:

(1) Switch the samples(31#～35#) in the Transient fault instrument, fix them on the tester, the test condition is as the bellow:

Shock wave shape: 1/2 sine

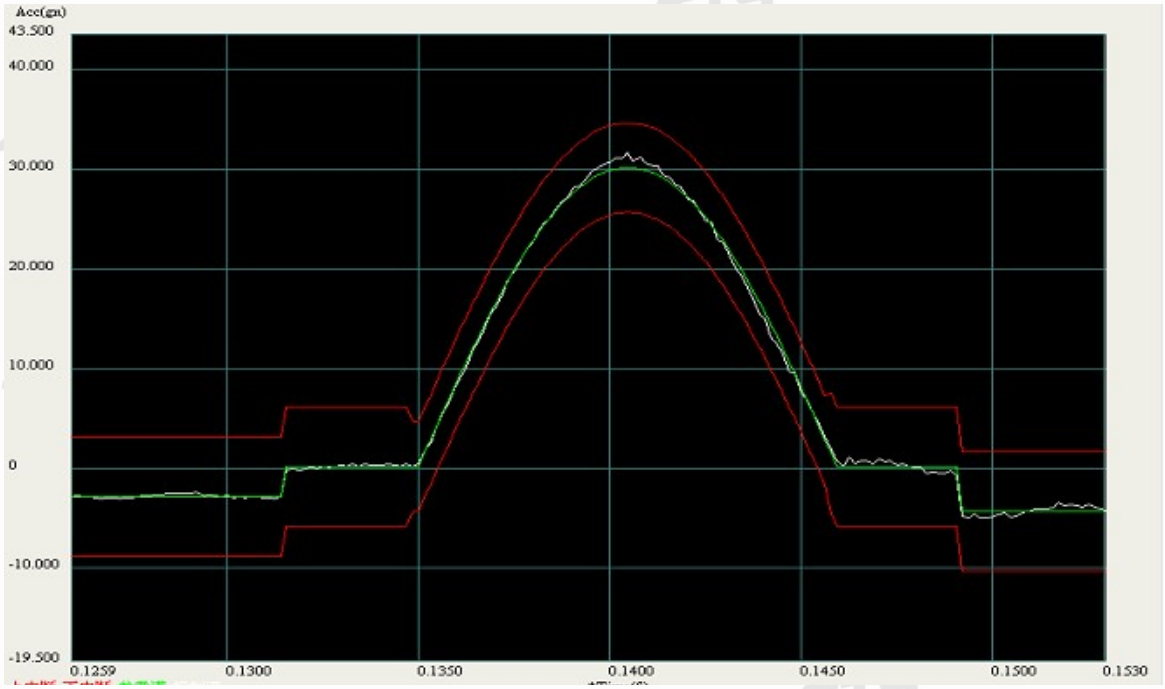
Peak G level: 30g

Shock pulse: 11ms

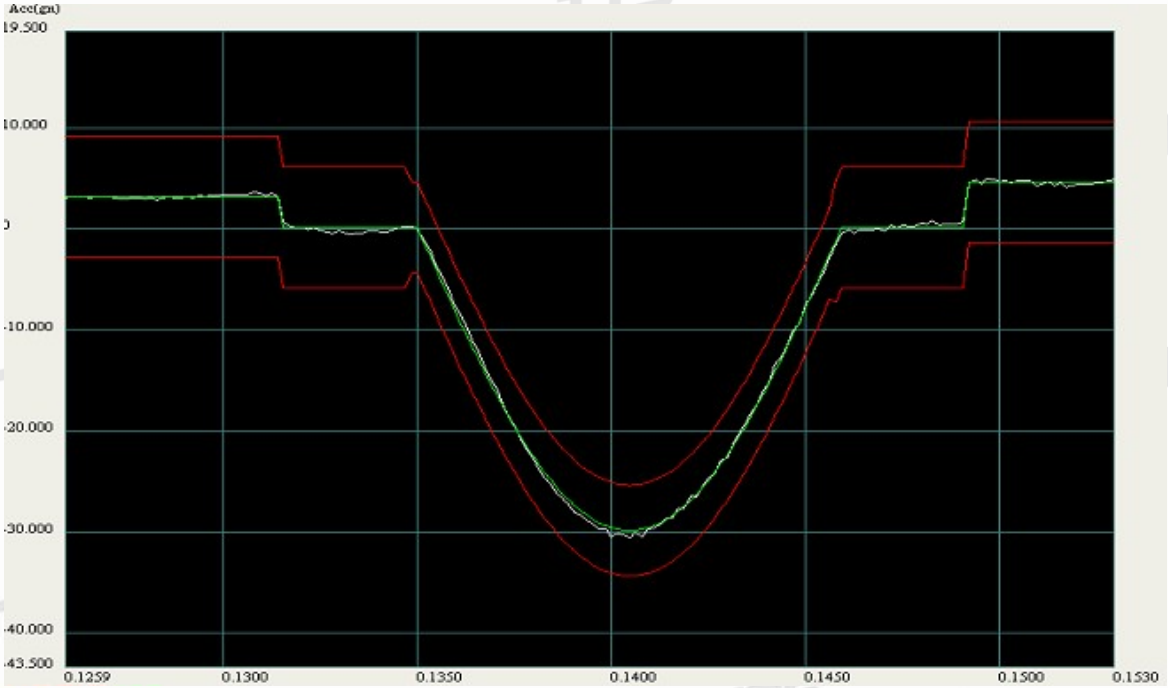
Shock orientation: ±X, ± Y, ±Z axes

Shock times: 3 times on each direction

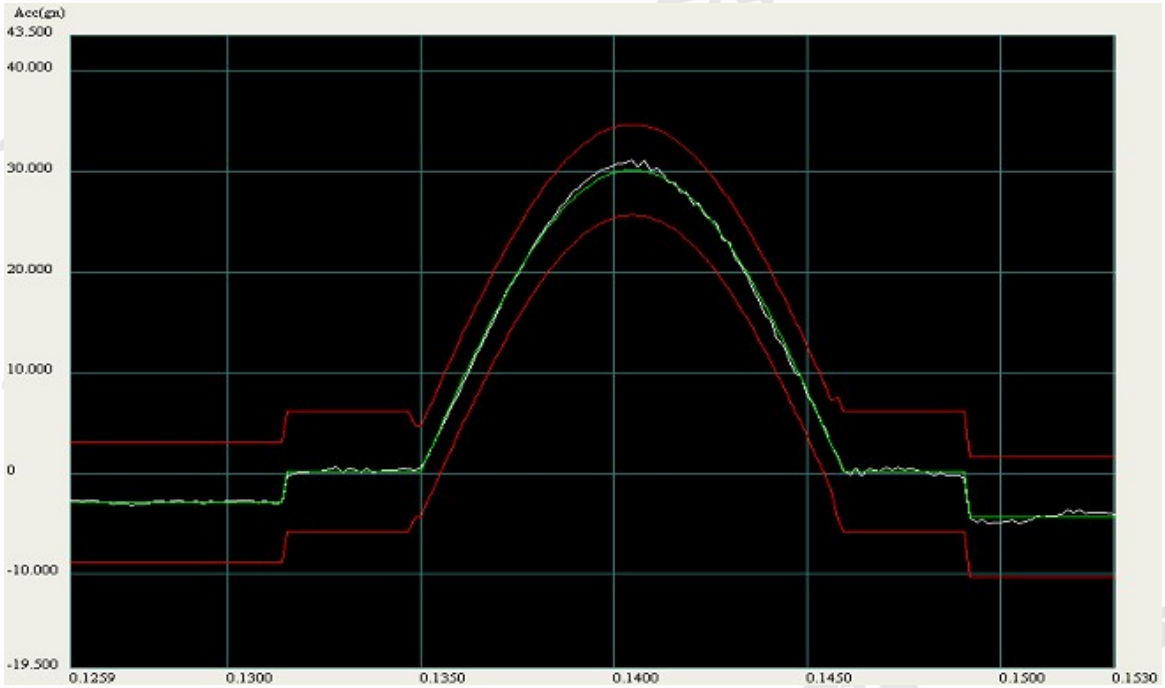
(2) The followings are the shock curves:



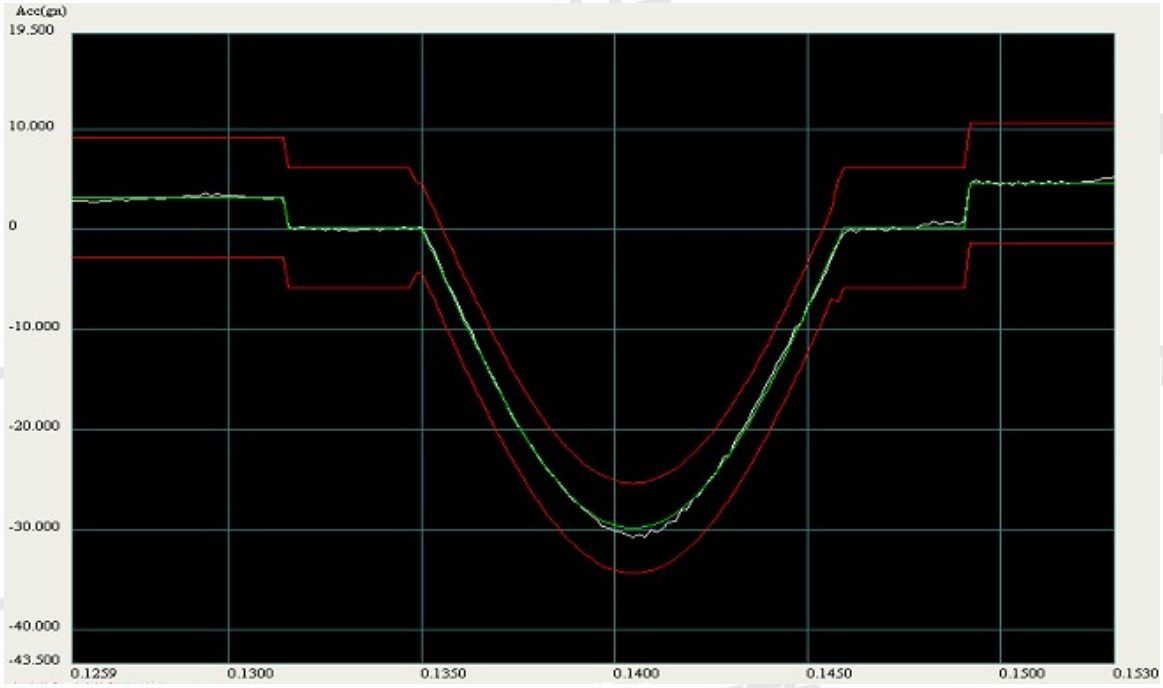
+X axis shock curve



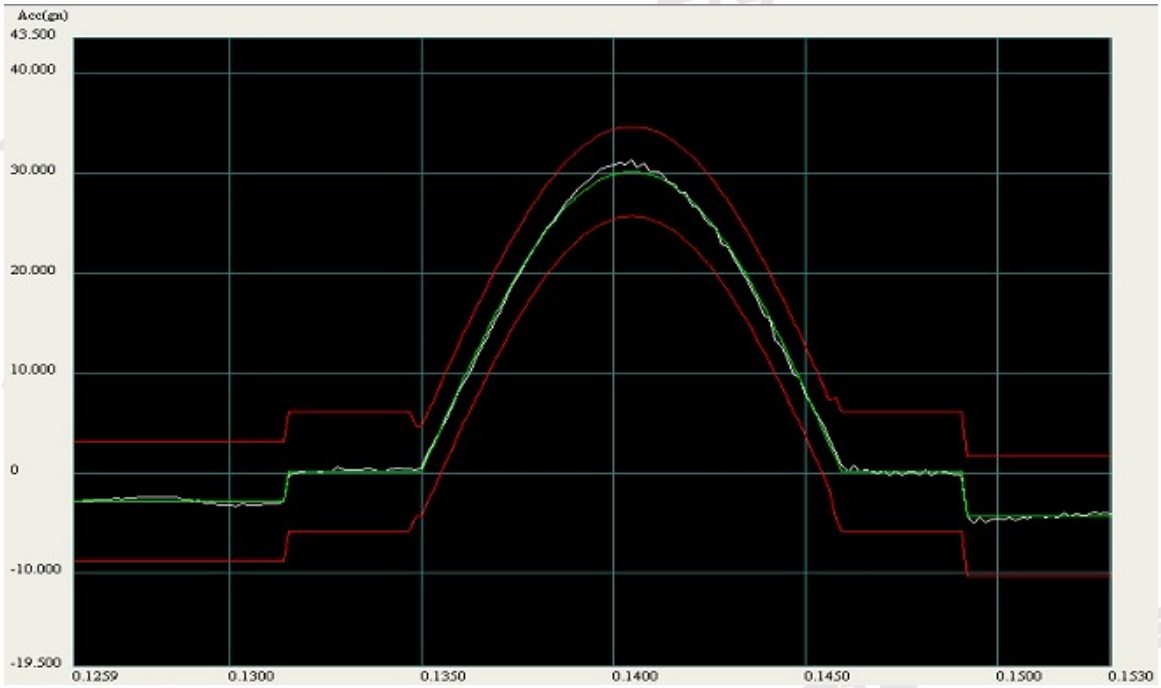
-X axis shock curve



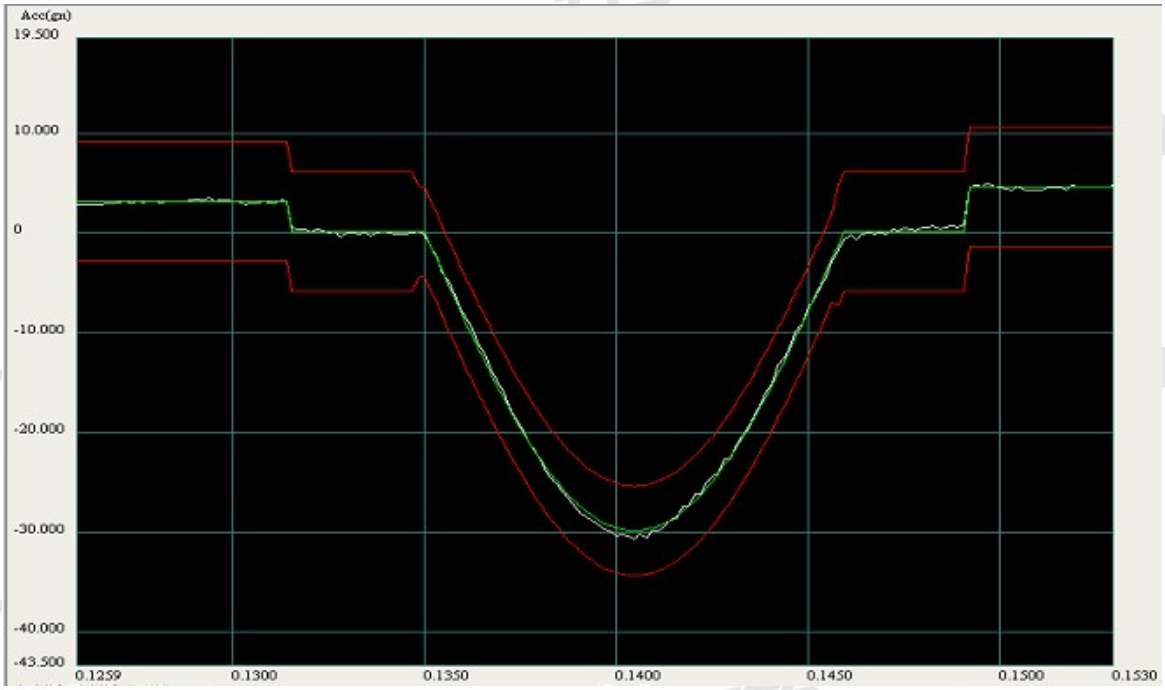
+Y axis shock curve



-Y axis shock curve



+Z axis shock curve



-Z axis shock curve

Test Item 2：Random Vibration

1. Test Standard：Client-user defined
2. Test Equipment：

Equipment Name	Equipment Model	Equipment NO.	Calibration Useful-life
Vibration system	EM-600F2K-40N120	TTS-YQ-058	Feb 13, 2012
Transient fault instrument	10A	TTS-YQ-077	Dec 14, 2011

3. Remark:

(1) Switch the samples(36#～40#) in the Transient fault instrument, fix them on the vibration tester, the test condition is as the bellow:

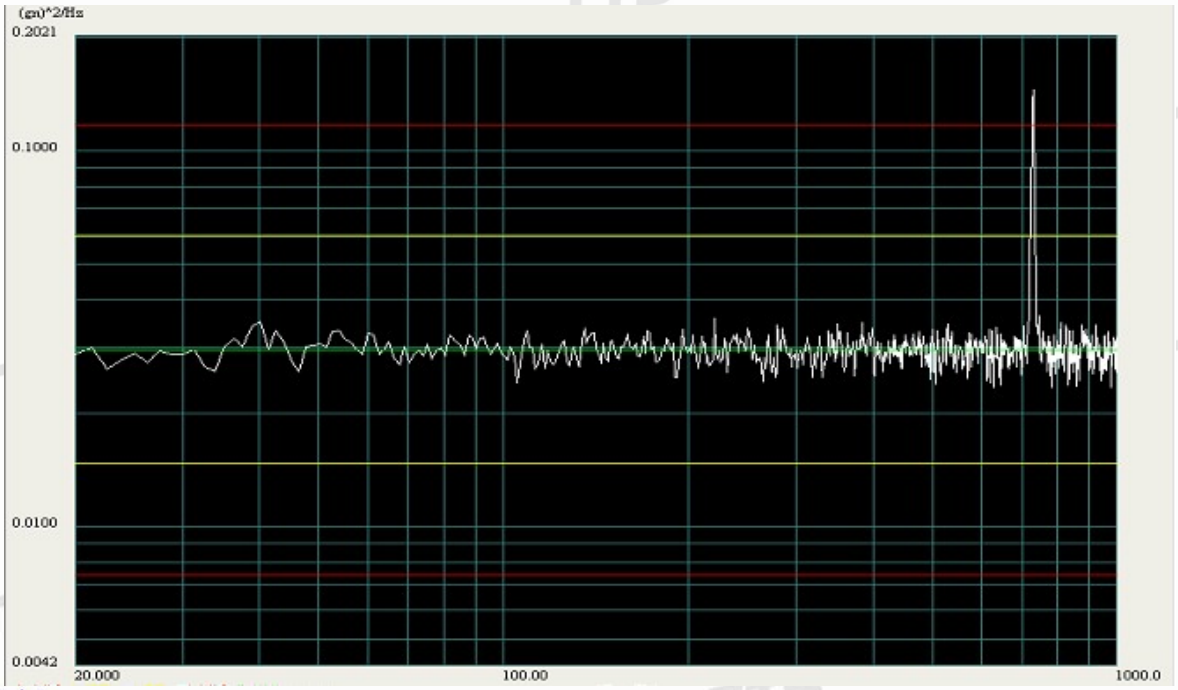
Vibration range: 20～1000Hz

Grms: 5.35G

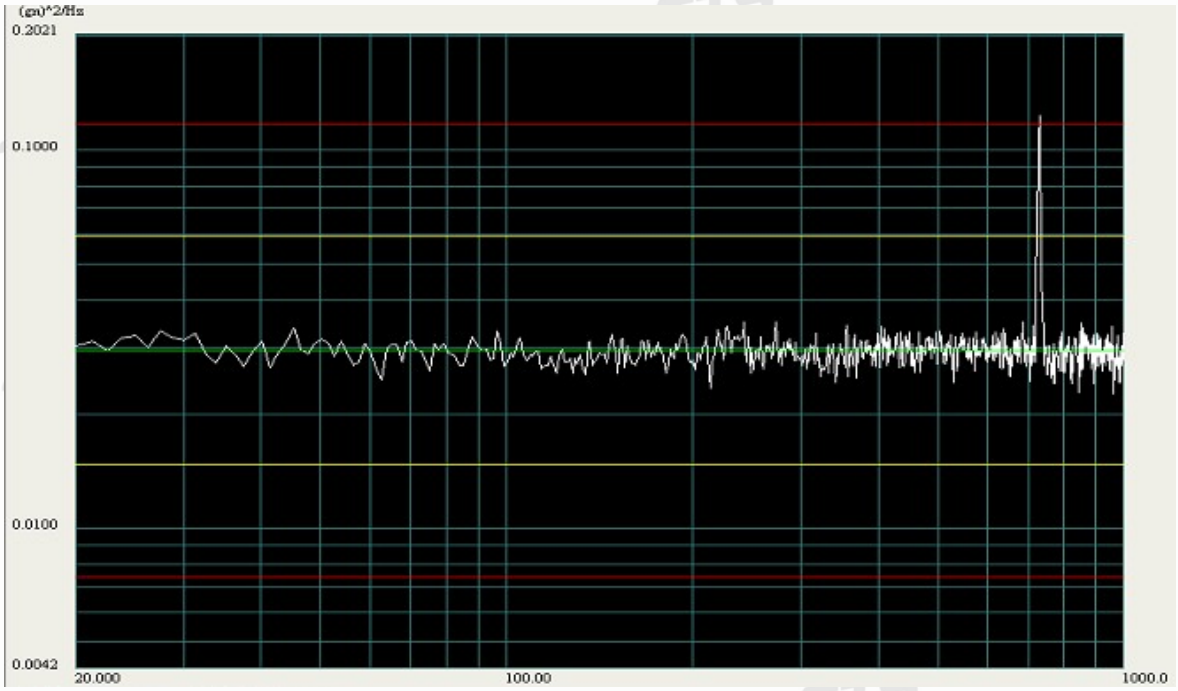
Vibration orientation: X, Y, Z axes

Vibration times: 15min on each axis

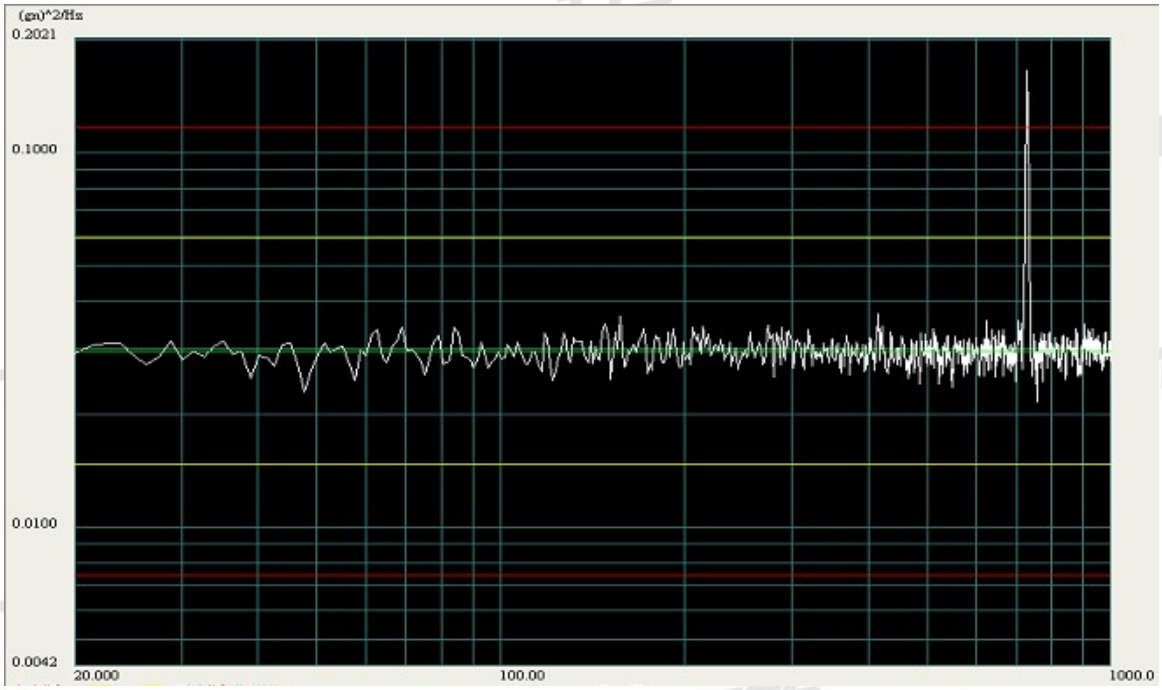
(2) The followings are the vibration curves:



X axis vibration curve



Y axis vibration curve



Z axis vibration curve

Test Item 3: Thermal Shock

1. Test Standard: Client-user defined
2. Test Equipment:

Equipment Name	Equipment Model	Equipment NO.	Calibration Useful-life
Thermal shock chamber	TSK-BIIIC-150	/	Apr 20, 2011

3. Remark:

(1) Place the samples(41#~45#) into the Chamber, the condition is as below:

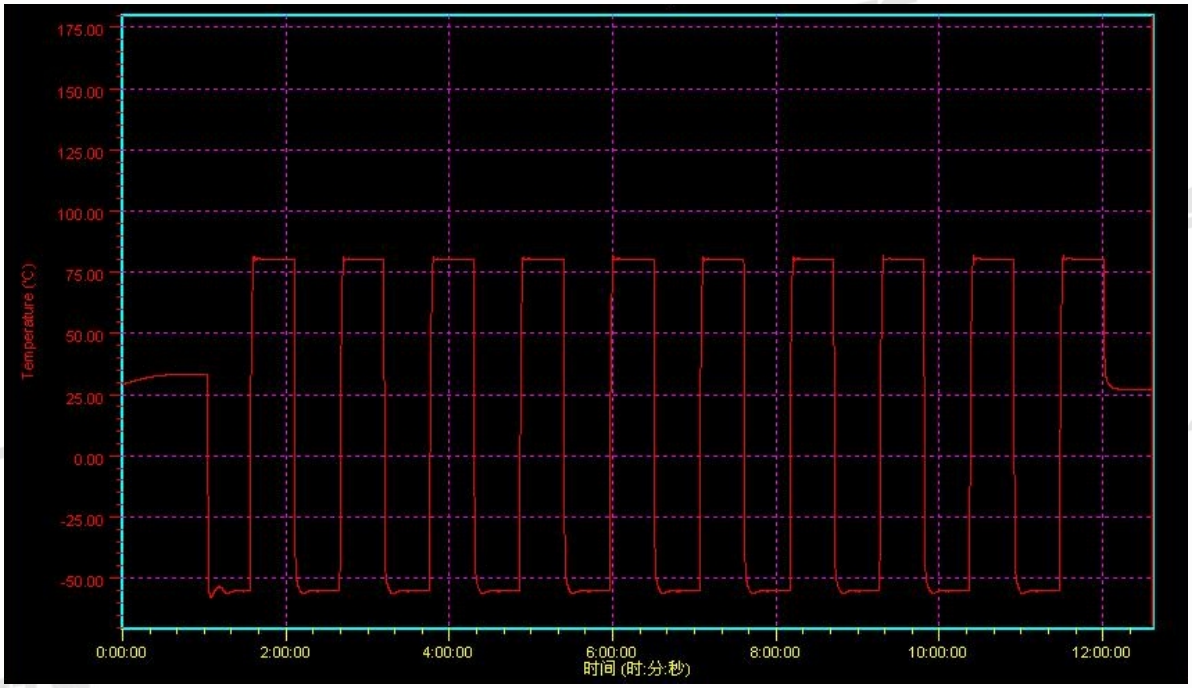
Low temperature: -55℃

High temperature: 80℃

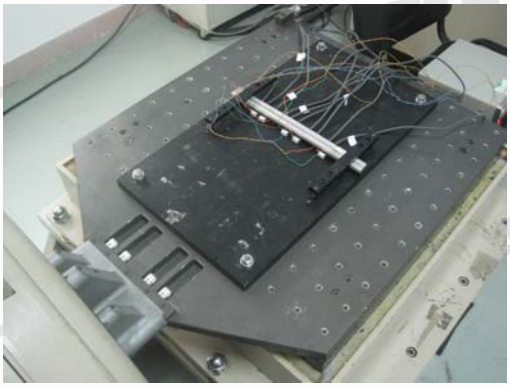
Dwell time: 30min

Cycle number: 10

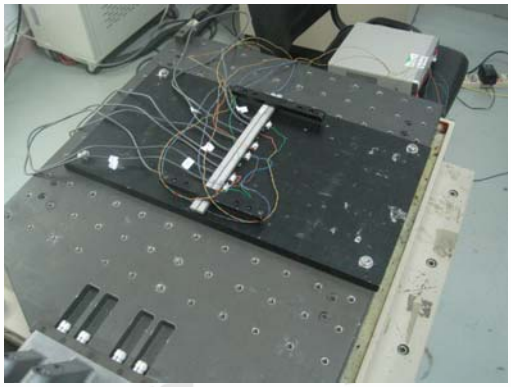
(2) The following is the Thermal Shock curve:



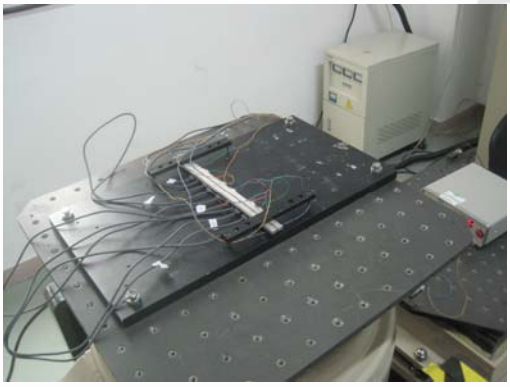
Appendix: Test Pictures



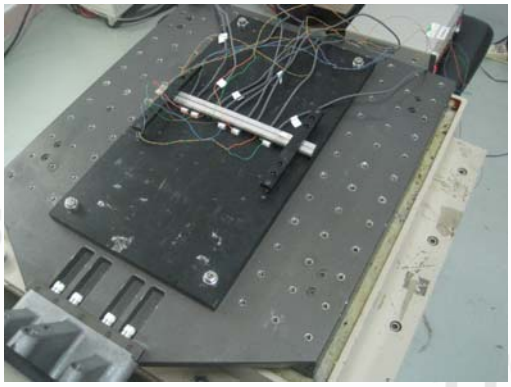
X axis shock



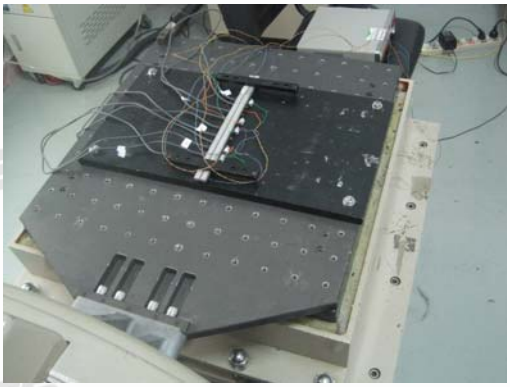
Y axis shock



Z axis shock



X axis vibration



Y axis vibration

Z axis vibration

Thermal Shock

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