

COMBINED TEMP./ALTITUDE TEST REPORT

Company : Apacer Technology Inc.

Address : 3F, No. 83, Sec 2, Kur Wong Rd. Aspire Park. Lung Tan Hsiang,
Tao Yuan Hsien, Taiwan, R.O.C.

Product Name : Industrial microSD

Date Received : JUN 01, 2012

Date Tested : JUN 01, 2012 ~ JUN 04, 2012

TESTING LABORATORY IS ACCREDITED BY:

IEC/IECQ 17025 certificate of independent test laboratory approval

Certificate No. : T1091

ISO 17025 accredited in respect of laboratory is approved by TAF

Certificate No. : L0835-090819

ISO 9001 certificate is approved by TUV CERT certification body of TUV NORD Cert GmbH

WE HEREBY CERTIFY THAT:

The test(s) shown in the attachment were conducted according to the indicating procedures. We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Test Engineer	Yutsai Chen	<i>Yutsai Chen</i>	<i>Aug 10, 2012</i>
Manager	General Lee	<i>General</i>	<i>Aug 10, 2012</i>

NOTE :

1. This report will be invalid if reproduced in part or altered in any way.
2. This report refers only to the specimen(s) submitted to test, and is invalid if used otherwise.
3. This report is ONLY valid with the examination seal and signature of this institute.
4. The tested specimen(s) will only be preserved for thirty days from the date issued, if not collected by the applicant.



TABLE OF CONTENTS

1. GENERAL INFORMATION

1.1 DESCRIPTION OF UNIT	2
1.2 UNIT OPERATING CONDITION	2

2. COMBINED TEMP./ALTITUDE TEST

2.1 TEST EQUIPMENT	3
2.2 LABORATORY AMBIENCE CONDITION.....	3
2.3 REFERENCE DOCUMENT	3
2.4 TEST CONDITION	3
2.5 SUMMARY OF TEST	3

ATTACHMENTS	4
--------------------------	----------

1. GENERAL INFORMATION

1.1 DESCRIPTION OF UNIT

Manufacturer : Apacer Technology Inc.

Product name : Industrial microSD

Model no. : AP-MSD01GISI-xT and AP-MSD02GISI-xT

Sample quantity : 3 pcs for one model, total for 6 pcs

1.2 UNIT OPERATING CONDITION

None

2. COMBINED TEMP./ALTITUDE TEST

2.1 TEST EQUIPMENT

Model	Serial Number	Calibration Date
TABAI MZH-11	331992	NOV 25, 2011

2.2 LABORATORY AMBIENCE CONDITION

Temperature : 23±3°C

Relative humidity : 55%±3% (RH)

2.3 REFERENCE DOCUMENT

The test is based on customer specification

2.4 TEST CONDITION

Units are non-operating.

Test temperature : 25°C

Test altitude : 80,000 feet

Duration of test : 4 hours

2.5 SUMMARY OF TEST

After testing, visual inspection showed no physical defect on unit.

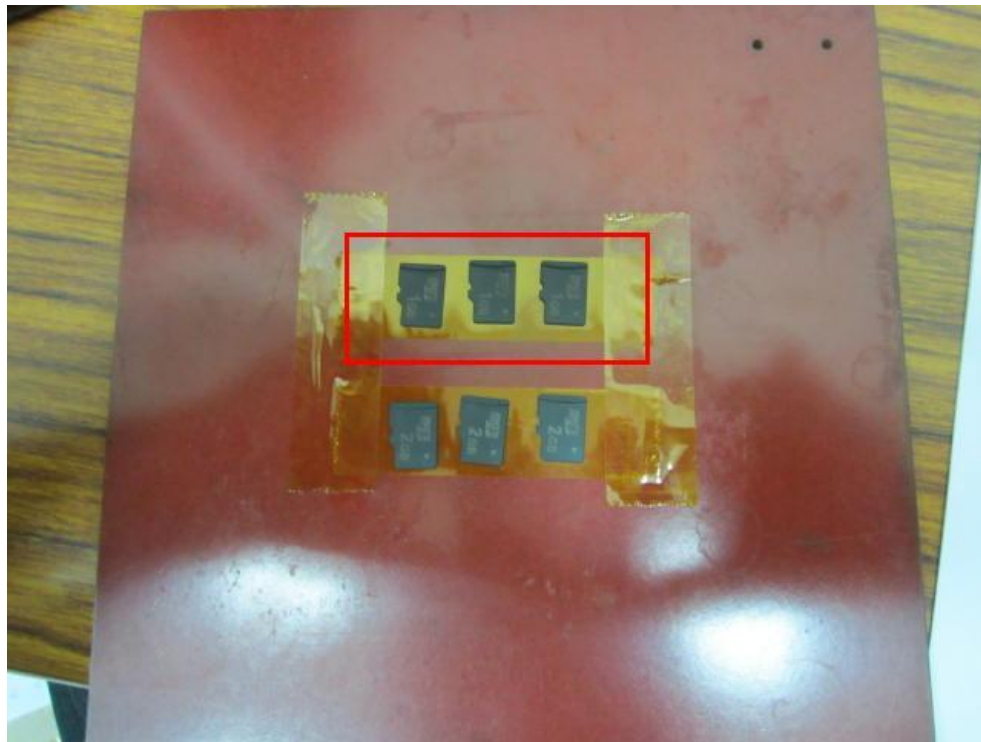
The function test will be performed by Aptos Technology, without the 3rd party lab (IST) person participation.

To follow customer's requirement, attached functional test result as below:

Inspection item	Functional test result
AP-MSD01GISI-xT and AP-MSD02GISI-xT	Pass

Attachment 1 : Photo of units

AP-MSD01GISI-xT



AP-MSD02GISI-xT



Attachment 2 : Photo of combined temp./altitude test setup

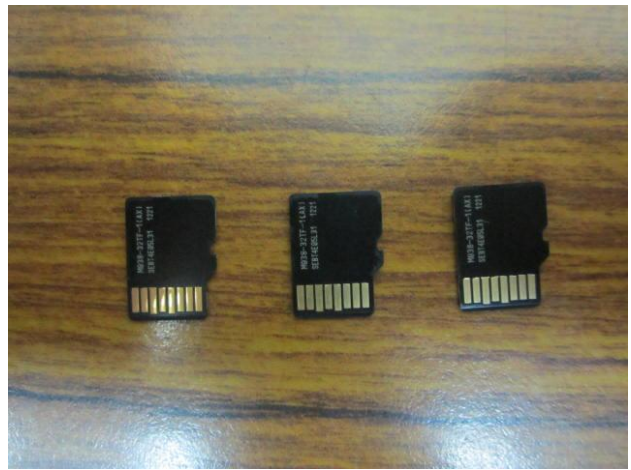
AP-MSD01GISI-xT & AP-MSD02GISI-xT



Attachment 3 : Photo of unit before and after combined temp./altitude test

Appearance was normal (AP-MSD01GISI-xT)

Before testing



After testing



Appearance was normal (AP-MSD02GISI-xT)

Before testing



After testing



Attachment 4 : Graph of combined temp./altitude test

