

DUST TEST REPORT

Company : Getac Technology Corporation
 Address : 5F., Building A, No. 209, Sec. 1, Nangang Rd., Nangang Dist., Taipei 11568, Taiwan, R.O.C.
 Sample Name : Getac S410 Notebook
 Date Received : FEB 22, 2016
 Date Tested : FEB 22, 2016

TESTING LABORATORY IS ACCREDITED BY:

ISO 17025 accredited in respect of laboratory is approved by TAF
 Certificate No. : L3146-151112
 ISTA certified laboratory (ID: ST-9389)

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	Yingting Liao	<i>Yingting Liao</i>	Feb 24, 2016
Manager	Injel Chen	<i>Injel Chen</i>	Feb 24, 2016

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.



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1. GENERAL INFORMATION

1.1 DESCRIPTION OF UNIT

Manufacturer : Getac Technology Corporation

Model name : Getac S410 Notebook

Sample quantity : 1 unit

1.2 UNIT OPERATING CONDITION

During operating testing, unit power is on and functioning.

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2. DUST TEST

2.1 TEST EQUIPMENT

Model	Serial Number	Calibration Date
Vötsch VDT 1000A	59566059640010	APR 07, 2015

2.2 LABORATORY AMBIENCE CONDITION

Temperature : 25 °C ± 10 °C

Relative humidity : 50 % ± 25 % (RH)

2.3 REFERENCE DOCUMENT

This test refers to IEC / EN 60529 - 2013 IP5X Dust Test Protected.

2.4 TEST CONDITION

Unit is operating.

Dust material : Talcum powder (100% dry fine)

Particle size	Amount (%)
< 5 µm (Diameter)	42.31% ± 5
5~10 µm (Diameter)	35.85% ± 5
10~20 µm (Diameter)	21.15% ± 5
20~40 µm (Diameter)	0.69% ± 5
> 40 µm (Diameter)	0%

Amount of talcum powder : 2 kg/m³ (chamber volume)

Dust density : 2.03 g/cm³

Air direction : Vertically to achieve slowest possible downward settlement

Duration of exposure : 8 hours

2.5 SUMMARY OF TEST

After testing, unit's function was normal.