



Test Report

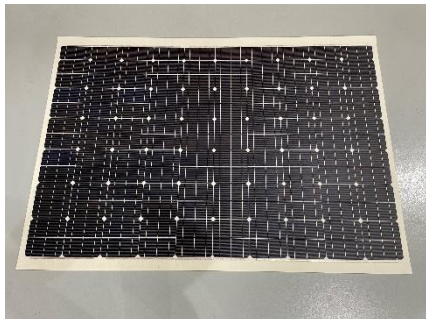
Report No. TC.22.11.006217

Date of Issue 11/15/2022

Applicant: Shanghai Institute of Microsystem and Information Technology.
Chinese Academy of Sciences

Applicant address: 235 Chengbei Road, Jiading, Shanghai

Description of the test subject:

Sample	Description	Photo
001	Sample Description: Flexible pv module Style No.: A7 Manufacturer: SIMIT	

Receipt Date of Sample: 11/14/2022

Date of Testing: From 11/14/2022 to 11/14/2022

Sample submitted: The sample(s) was (were) submitted by applicant and identified.

Conclusion:

Test Items			Result
No.	Items	Standard	
1	Vibration tests	Client's requirement	Pass

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:
TÜV SÜD SW Rail Transportation
Technology (Jiangsu) Co., Ltd.



Phone: +86/ (0) 519- 8123-9872
Fax: +86/ (0) 519- 8123-9872 ext.123
E-mail: czx.qm@tuvsud.com
www.tuvsud.com

Regd. Office:
Innovative Industry Park, No. 377 Wuyinan Road,
National High and New Technology & Industry
Development Zone, Wujin, 213015 P.R. China

Test Report

Report No. TC.22.11.006217

Date of Issue 11/15/2022

Test Results

1. Vibration tests

1.1 Test equipment & Sensor installation

Test method: Client's requirement

Vibration type: LI555555

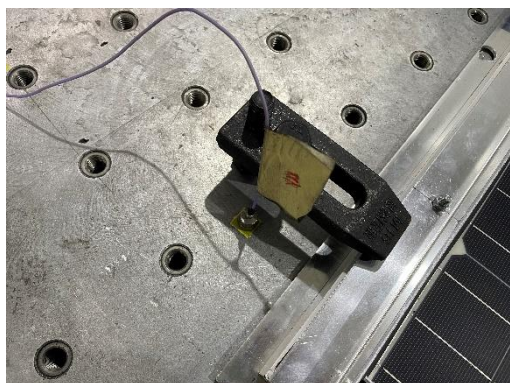
Test environment: 19.4°C, 50%RH

Sensor number and sensitivity: 1# Sensor 29.73pC/g, 2# Sensor 27.99pC/g

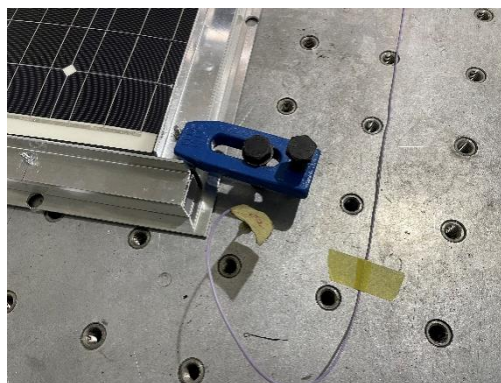
Test equipment: 35T Electric vibration table IPA540H/H3580A

Sample and sensor installation:

The sample is installed on the tooling and fixed on the vibration table with a pressure plate. Two fixed points of the tooling are selected and a sensor is pasted beside them. The vibration adopts 2-point average control mode. The installation position of the sensor is shown below:



Control sensor-1



Control sensor-2

1.2 Test results

Sample No.	Direction	Sequence	Amplitude	Duration	Requirement	Results	Conclusion
TC.22.11.006217	Vertical	5Hz	5mm	1h	No damage to appearance	No damage to appearance	Pass

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:
TÜV SÜD SW Rail Transportation
Technology (Jiangsu) Co., Ltd.



Phone: +86/ (0) 519- 8123-9872
Fax: +86/ (0) 519- 8123-9872 ext.123
E-mail: czx.qm@tuvsud.com
www.tuvsud.com

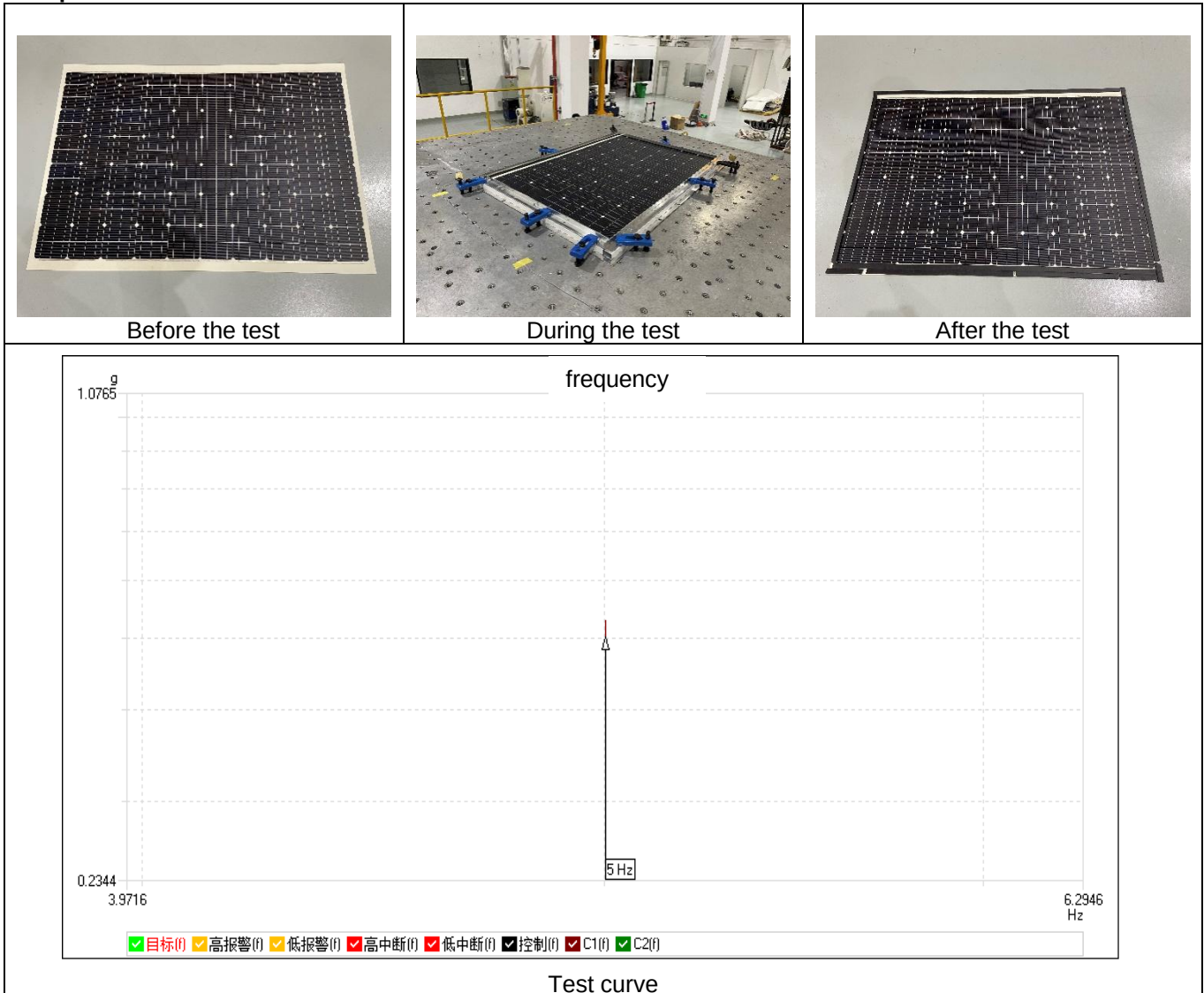
Regd. Office:
Innovative Industry Park, No. 377 Wuyinan Road,
National High and New Technology & Industry
Development Zone, Wujin, 213015 P.R. China

Test Report

Report No. TC.22.11.006217

Date of Issue 11/15/2022

Test photos:



Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:
TÜV SÜD SW Rail Transportation
Technology (Jiangsu) Co., Ltd.



Phone: +86/ (0) 519- 8123-9872
Fax: +86/ (0) 519- 8123-9872 ext.123
E-mail: czx.qm@tuvsud.com
www.tuvsud.com

Regd. Office:
Innovative Industry Park, No. 377 Wuyinan Road,
National High and New Technology & Industry
Development Zone, Wujin, 213015 P.R. China



Test Report

Report No. TC.22.11.006217

Date of Issue 11/15/2022

Test results are just for internal reference.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Drafted by:

Approved by:

Wu Mengqi

Qin Jianzhong

Mengqi Wu

Jianzhong Qin

-End of Report-

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:
TÜV SÜD SW Rail Transportation
Technology (Jiangsu) Co., Ltd.



Phone: +86/ (0) 519- 8123-9872
Fax: +86/ (0) 519- 8123-9872 ext.123
E-mail: czx.qm@tuvsud.com
www.tuvsud.com

Regd. Office:
Innovative Industry Park, No. 377 Wuyinan Road,
National High and New Technology & Industry
Development Zone, Wujin, 213015 P.R. China