

## TEST REPORT

Report No.: HC20046A/2021

Page: 1 of 4

Date: March 22, 2021

APACER TECHNOLOGY INC.

1F., NO.32, ZHONGCHENG RD., TUCHENG DIST.,  
NEW TAIPEI CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: M.2(NGFF)Solid State Drive  
Style/ Item No.: SX23D-M280/ No.1  
Quantity: Total 1 piece  
Testing Period: Feb. 23, 2021

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

1. Thermal Cycling Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

Signed for and on behalf of  
SGS TAIWAN Ltd.



Cooper Tseng  
Asst. Supervisor

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天。本報告未經本公司書面許可，不可部份複製。  
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com.tw/Terms-and-Conditions](http://www.sgs.com.tw/Terms-and-Conditions) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

# TEST REPORT

Report No.: HC20046A/2021

Page: 2 of 4

## 1. Thermal Cycling Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Thermal Shock Tester	KSON	TSK-C4C-150+RAMP	4295T

### Lab Environmental Conditions:

Ambient temperature:  $(25 \pm 3) ^\circ\text{C}$

Ambient humidity:  $(55 \pm 20) \% \text{RH}$

Test Location: No.33, Wu Chyuan Road, New Taipei Industrial Park, WuKu District, New Taipei City, Taiwan

### Test Method/ Specification:

Step	Temperature ( $^\circ\text{C}$ )	Time (minute)	Sample Condition
1	25 $\rightarrow$ -40	6	Power Off
2	-40	60	Power Off
3	-40	60	Execute test program "Burn-In Test"
4	-40 $\rightarrow$ 85	12	Execute test program "Burn-In Test"
5	85	60	Execute test program "Burn-In Test"
6	85 $\rightarrow$ 25	6	Execute test program "Burn-In Test"
Test cycle: Total 1 cycle			

- Examine the appearance of specimen(s) by visual check and perform functional check during and after this test.
- Functional check: Connect the specimen(s) with PC, then execute test program "Burn-In Test" while performing functional check.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天。本報告未經本公司書面許可，不可部份複製。  
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com.tw/Terms-and-Conditions](http://www.sgs.com.tw/Terms-and-Conditions) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

## TEST REPORT

Report No.: HC20046A/2021

Page: 3 of 4

**Specimen:**

Style/ Item No.: SX23D-M280/ No.1

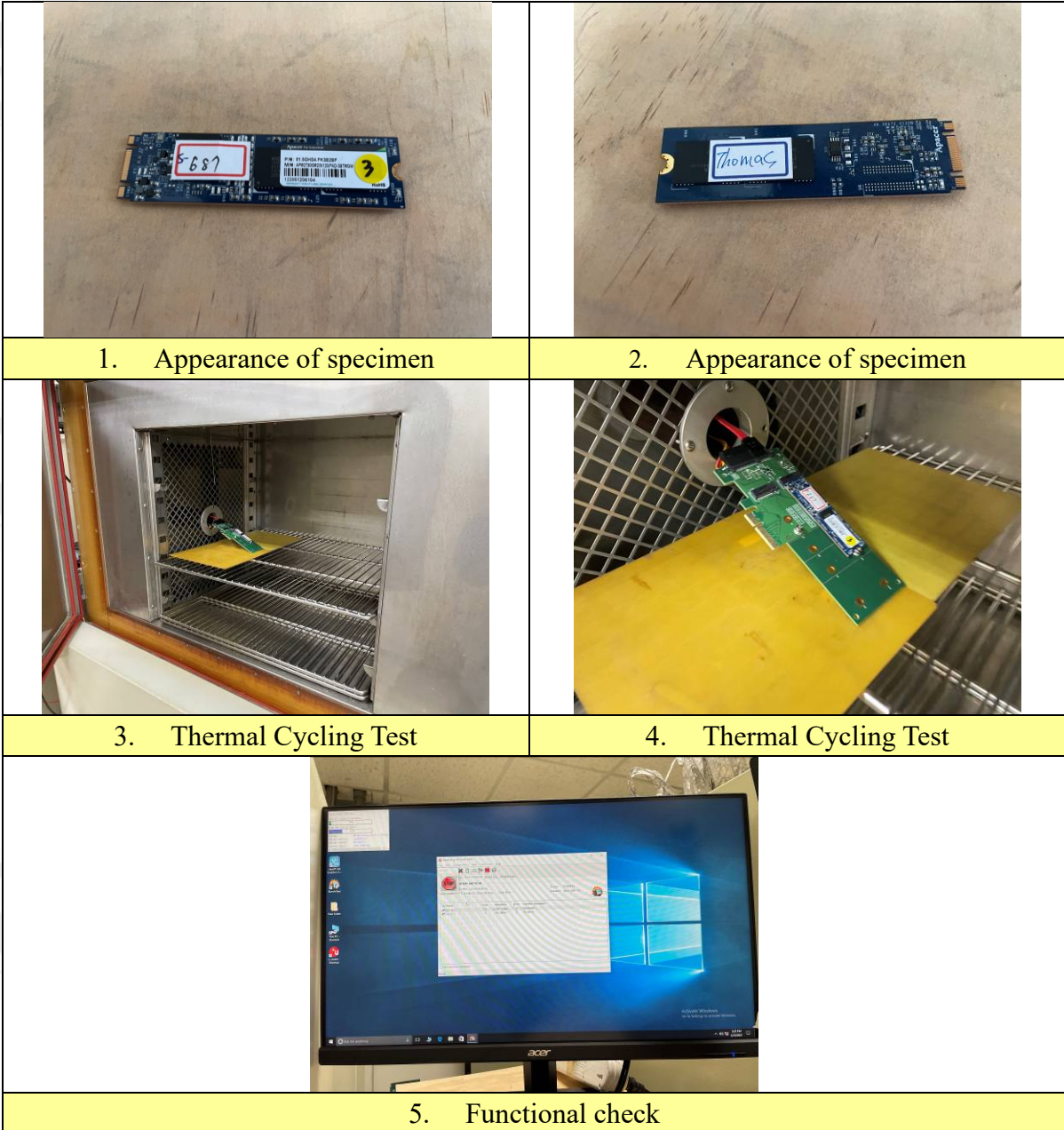
Quantity: Total 1 piece

**Test Result:**

Check Item	Appearance check (Visual check)	Functional check
Style/ Item No.		
SX23D-M280/ No.1	No visible damage	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天。本報告未經本公司書面許可，不可部份複製。  
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com.tw/Terms-and-Conditions](http://www.sgs.com.tw/Terms-and-Conditions) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Photos:



— — — The End of Test Report — — —

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天。本報告未經本公司書面許可，不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com.tw/Terms-and-Conditions](http://www.sgs.com.tw/Terms-and-Conditions) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.