



## TEST REPORT

Reliability Laboratory

Report No.: HC70223D/2021  
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Date: August 29, 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: PCIe M.2 2280  
Style/ Item No.: PX22D-M280/ No.1  
Quantity: Total 1 piece  
Testing Period: Aug. 9, 2021 to Aug. 13, 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. Salt Fog Test

Test Results: - PLEASE SEE ATTACHED SHEETS -

Signed for and on behalf of  
SGS TAIWAN Ltd.

Allen Wang  
Asst. Supervisor

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## 1. Salt Fog Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Salt Spray Test Chamber	YI SANG	ST-BS-S	EC10092914

### 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:

Test method: MIL-STD-810G: 2008, Method 509.5, Procedure I and client's request

Test procedure: Salt Fog Test includes two test items. The test sequence is shown as below:

Salt Fog test	
Test Sequence	Test Method
1	Salt Fog exposure for 48 hours
2	Drying condition for 48 hours

Above test sequences shall be performed for 1 cycle.

### 1. Salt Fog exposure

Salt solution: 5 wt.% NaCl solution

pH of solution: 6.5-7.2

Temperature:  $(35 \pm 2)^\circ\text{C}$

Quantity of fog :  $(1.0 \sim 3.0) \text{ ml/ } 80\text{cm}^2/\text{ hour}$

Exposing duration: 48 hours

### 2. Drying condition

Test condition: Dry the test item at standard ambient temperature and a relative humidity of less than 50% for 48 hours.

Exposing duration: 48 hours

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

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**Specimen:**

Style/ Item No.: PX22D-M280/ No.1

Quantity: Total 1 piece

**Test Result:**

<div style="text-align: center;">Check Item</div> Style/ Item No.	Appearance Check ( Visual Check ) Does corrosion or oxidation phenomena occur on the surface and internal parts of specimen?	Functional check
PX22D-M280/ No.1	No	Normal

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### Test Photos:



1. Appearance of specimen

2. Appearance of specimen

3. Salt Fog Test

4. Salt Fog Test

5. Functional Check

— — — The End of Test Report — — —

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