

## TEST REPORT

Report No.: HC80124A/2020  
Page: 1 of 7  
Date: September 4, 2020

### STEALTH

1 - 7550 HIGHWAY 27, WOODBRIDGE,  
ONTARIO, L4H 0S2, CANADA

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

Product Description: High-Performance Fanless System  
Style/ Item No.: LPC-96X/ No.1  
Quantity: Total 1 piece  
Testing Period: Aug 22, 2020 to Sep 1, 2020  
Note: (Client's declaration)The Style LPC-96X and SR-296X are the same product;  
The difference in style name is only based on different market.

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. Random Vibration Test  
2. Mechanical Shock Test

Test Results : -PLEASE SEE ATTACHED SHEETS-

\*HC80124/2020, dated on September 1, 2020, is hereby canceled and replaced by HC80124A/2020.

Signed for and on behalf of  
SGS TAIWAN Ltd.



Allen Wang  
Asst. Supervisor

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## 1. Random Vibration Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Vibration Tester	King Design	EM-5000F2K-75N600	WR10923701
Controller	Crystal	spider	1001664
Control Accelerometer	WR	793-6	A4632
Vibration Test System	UNHOLTZ-DICKIE	SAI60-H560BAC/2/ST	474
Controller	Dactron	LASER	7110357
Control Accelerometer	PCB	353B34	LW213529

### Lab Environmental Conditions:

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

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

### Test Location:

No. 31, Wu Chyuan Road, New Taipei Industrial Park, WuKu District, New Taipei City, Taiwan

### Test Method/ Specification:

Test method: IEC 60068-2-64, Edition 2.0: 2008

Sample condition: Operating (execute "BurnIn Test")

Wave form: Random

Frequency: (5 ~ 500) Hz

Frequency (Hz)	Left Slope (dB/Oct.)	PSD ( $\text{g}^2/\text{Hz}$ )	Right Slope (dB/Oct.)
5	—	0.05	0
500	0	0.05	—

⇨ equivalent to 5.0  $G_{\text{rms}}$

Direction: X, Y, Z axes (see photo 3 ~ 5)

Duration: 30 minutes/ axis

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of specimen then examine the test program "BurnIn Test" could work normally or not.

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Specimen:

Style/ Item No.: LPC-96X/ No.1

Quantity: Total 1 piece

Test Result:

Style/ Item No.	Check Item	Appearance check (Visual check)	Functional check
LPC-96X/ No.1		No visible damage	Normal

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## 2. Mechanical Shock Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Shock Test System	LANSMONT	95-115D	M17656
Data Acquisition & Analysis System	LANSMONT	TP4 8A-CH SML 1115-001	1115-001
ICP Accelerometer	PCB	353M288	196437

### 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: IEC 60068-2-27, Edition 4.0: 2008

Sample condition: Operating (execute "BurnIn Test")

Pulse shape: Half-sine

Acceleration: 50 g

Pulse duration: 11 ms

Shock direction: 6 faces ( $\pm X$ ,  $\pm Y$ ,  $\pm Z$  axes, see photo 6 ~ 11)

No. of shock: 3 shocks/ axis (total 18 shocks)

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of specimen then examine the test program "BurnIn Test" could work normally or not.

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**Specimen:**

Style/ Item No.: LPC-96X/ No.1



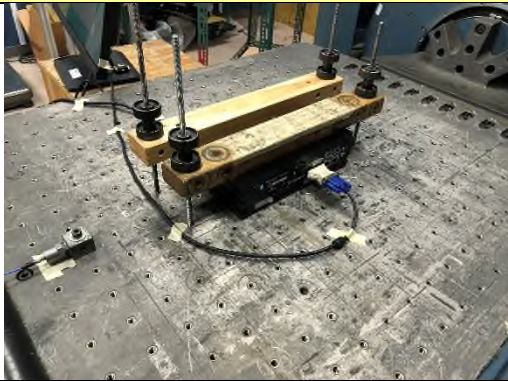
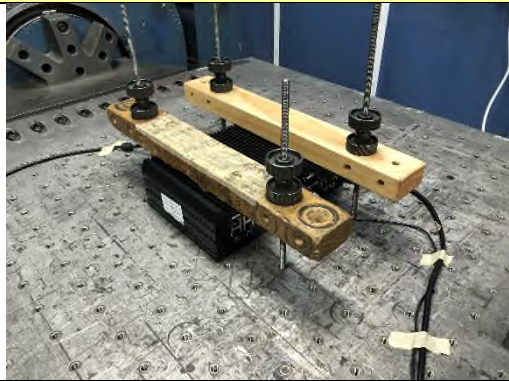

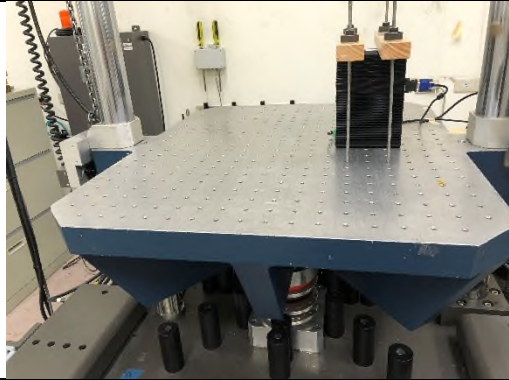
Quantity: Total 1 piece

**Test Result:**

Style/ Item No.	Check Item	Appearance check (Visual check)	Functional check
LPC-96X/ No.1		No visible damage	Normal

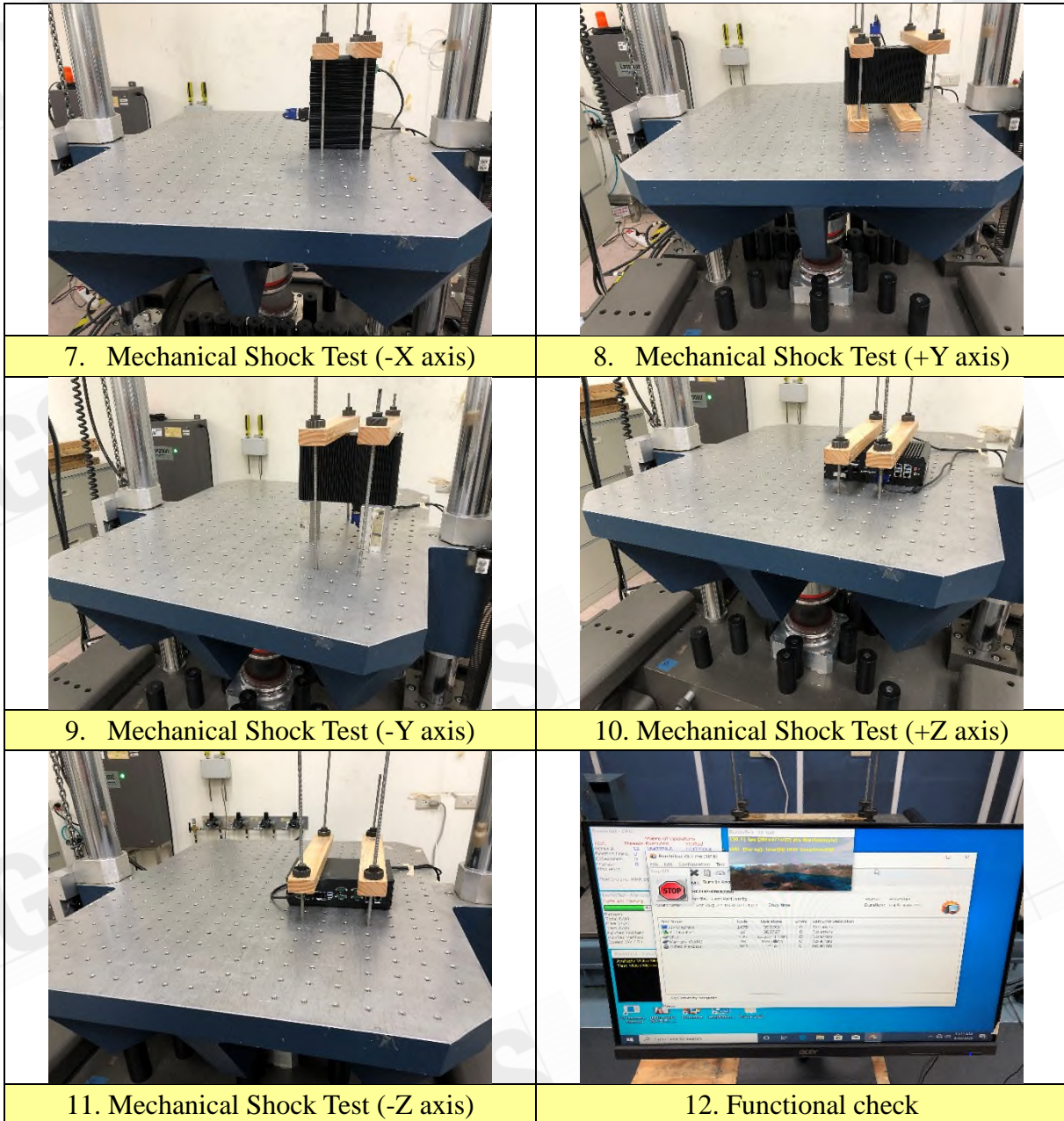
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Test Photos:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. Random Vibration Test: X axis</p>	<p>4. Random Vibration Test: Y axis</p>
	
<p>5. Random Vibration Test: Z axis</p>	<p>6. Mechanical Shock Test (+X axis)</p>

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Test Photos--Continued:



— — — The End of Test Report — — —

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