



Reliability Laboratory

TEST REPORT

Report No.: HC90045D/2017
Page: 1 of 9
Date: September 29, 2017

UNITECH ELECTRONICS CO, LTD.
8F., NO. 118, LN. 235, BAOQIAO RD.,
XINDIAN DIST., NEW TAIPEI CITY,
TAIWAN, R. O. C.

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

Product Description: Rugged Handheld Computer
Style/ Item No.: PA730/ No.1
Quantity: Total 1 piece
Testing Period: Sep. 20, 2017

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. Drop Test

Test Results : -PLEASE SEE ATTACHED SHEETS-

*HC90045B/2017, dated on September 26, 2017, is hereby canceled and replaced by HC90045D/2017.

Signed for and on behalf of
SGS TAIWAN Ltd.

Allen Wang
Asst. Supervisor

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1. Drop Test:

Test Equipment:

Name	Brand	Model	Serial No.
Drop Tester	King Design	KD-128A	WR112197097

Lab Environmental Conditions:

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

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

Test Method/ Specification:

Test method: IEC 60068-2-31 Edition 2.0:2008
 Drop height: 1.5 m
 Drop sequence: Top, Bottom, Left, Right, Front, Rear
 Test cycle: 3 cycles (total 18 drops)
 Test surface: Steel plate of 1cm thickness

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of the specimen then examine whether the designated function could be work normally or not.

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Test Method/ Specification--Continued:

Functional check item as below:

Functional Check
SD card function
Camera function
Video function
Charging function
Headset function
Bluetooth function
Wi-Fi function
USB function
Barcode function
NFC function
Gyroscope sensor function
Suspend function
Record function
Key function
Vibration function
LCD touch function
Charging LED function
E-Compass function
USB Host function
WWAN Link function
Criteria: The function shall be work normally

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Specimen:

Style/ Item No.: PA730/ No.1







Quantity: Total 1 piece

Test Result:

Style/ Item No.	Test cycle	Check Item	Functional check
		Appearance check (visual check)	
PA730/ No.1	Cycle 1	No visible damage	Normal
	Cycle 2	No visible damage	
	Cycle 3	No visible damage	

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Test Photos:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. Drop Test: Top</p>	<p>4. Drop Test: Bottom</p>
	
<p>5. Drop Test: Left</p>	<p>6. Drop Test: Right</p>







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Test Photos--Continued:

	
<p>7. Drop Test: Front</p>	<p>8. Drop Test: Rear</p>
	
<p>9. Functional check (SD card function)</p>	<p>10. Functional check (Camera function)</p>
	
<p>11. Functional check (Video/ Headset function)</p>	<p>12. Functional check (Charging/ Charging LED function)</p>

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Test Photos--Continued:

	
<p>13. Functional check (Bluetooth function)</p>	<p>14. Functional check (Wi-Fi function)</p>
	
<p>15. Functional check (USB function)</p>	<p>16. Functional check (Barcode function)</p>
	
<p>17. Functional check (NFC function)</p>	<p>18. Functional check (Gyroscope sensor function)</p>

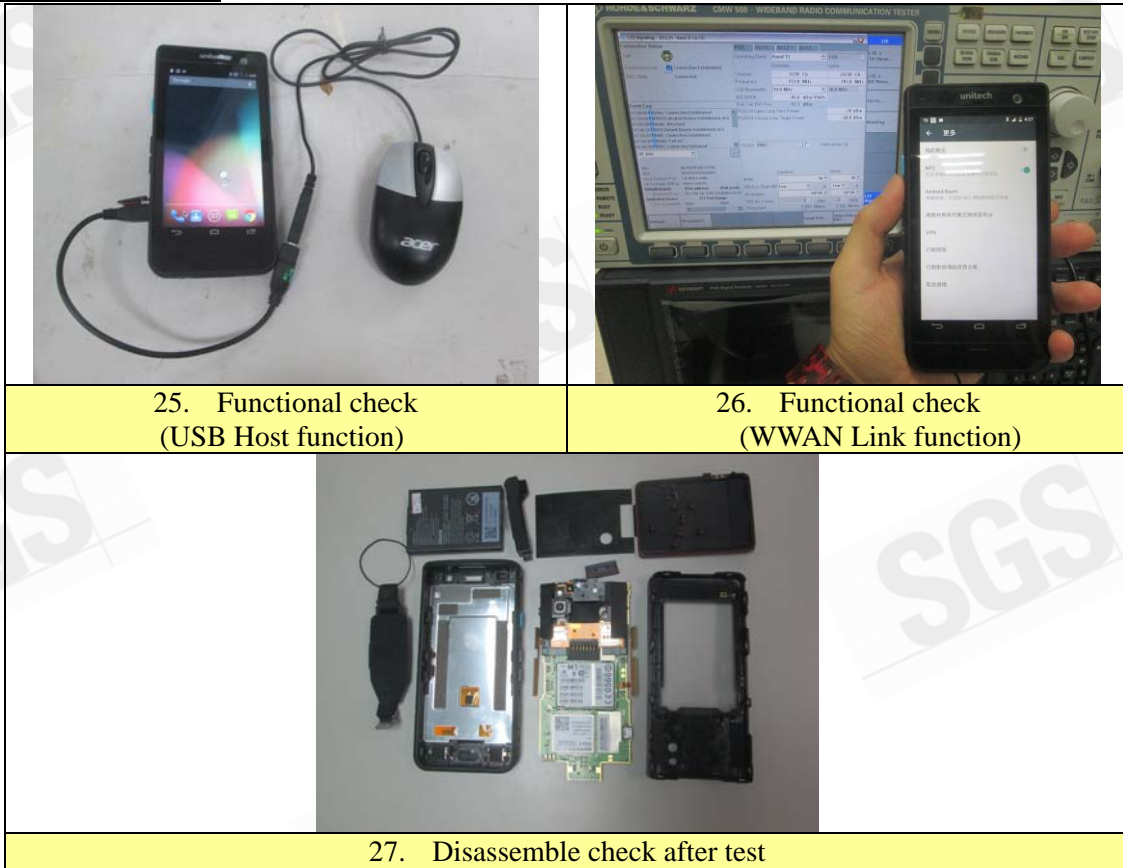
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Test Photos--Continued:

	
<p>19. Functional check (Suspend function)</p>	<p>20. Functional check (Record function)</p>
	
<p>21. Functional check (Vibration function)</p>	<p>22. Functional check (Key function)</p>
	
<p>23. Functional check (E-Compass function)</p>	<p>24. Functional check (LCD touch function)</p>

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Test Photos--Continued:



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