Test report	
Report	
Report reference No.	TH2412473-C02-R02
Tested by (+signature)	Engine Chen
Reviewed by (+signature)	Eric Tao
Approved By (+signature)	Prince Huang
Date of issue	2025-01-06
Testing laboratory	
Name	**Shenzhen Tian Hai Test Technology Co.,Ltd.**
Address	401-501, Building A5, The Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Dafu Community, Guanlan Street, Longhua District, Shenzhen City
Test location	Same as above
Client	
Applicant Name	**Shenzhen SOTEN Technology Co., Ltd.**
Address	10th Floor, 2nd Building, BaiWang Research and development building, No. 5318 Shahe westroad, Xili,Nanshan district, ShenZhen, China
Description	REGGED TABLET PC
Model no.	H81
Rating(s)	DC 5V, 2A
Trade Mark:	HUGEROCK
Manufacturer	**Shenzhen SOTEN Technology Co., Ltd.**
Address	10th Floor, 2nd Building, BaiWang Research and development building, No. 5318 Shahe westroad, Xili,Nanshan district, ShenZhen, China
Note	--
Test specification	
Standard	GB 4943.1-2011,GB/T 2423.1-2008,GB/T 2423.3-2016, GB/T 2423.2-2008

Possible test case verdicts:	
- test case does not apply to the test object……:	N/A
- test object does meet the requirement ……:	P (Pass)
- test object does not meet the requirement ……:	F (Fail)

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1.Drop Test:

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Test method: Drop test the sample from a height of 122cm, drop the sample on the board meeting the requirements, drop the six outer surfaces of the sample four times, then drop the front and bottom of the sample one time, and finally observe whether the sample has abnormal phenomena of deformation, peeling, crack and distortion; whether the sample can be started and can enter the system operation.

3) Test condition:

Test item	Test position	Test height	Test times	
1	Back	122cm	4 times per one position	Total 26 times
2	Front			
3	Top			
4	Bottom			
5	Left			
6	Right			
7	Front		1 time per one position	
8	Bottom			

4) Test equipment:

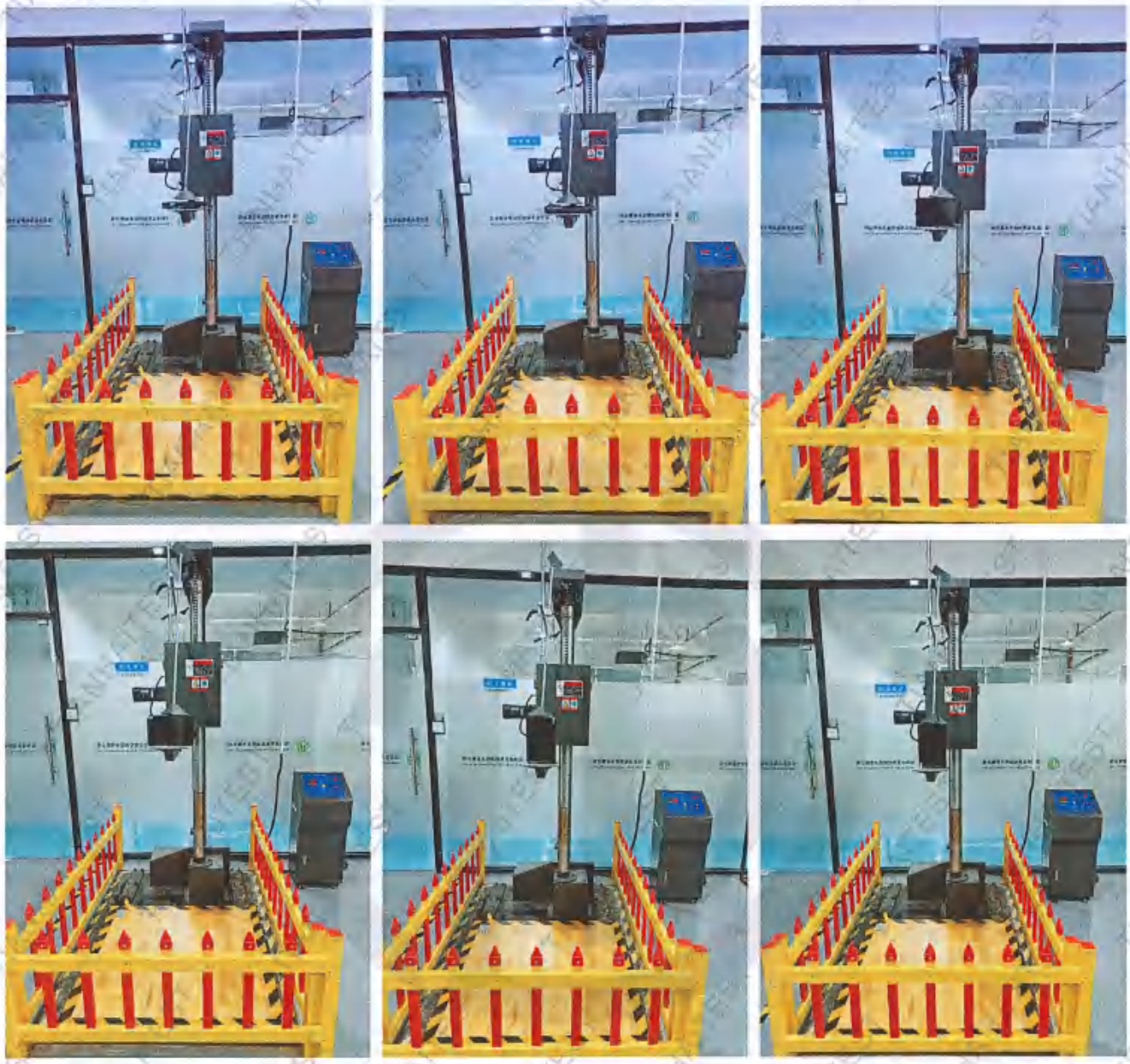
Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-019	T&H Recorder	KTJ/ TA218	2024-07-05	2025-07-04
TH-SE-122	Single arm drop tester	GR/GR-SCX02	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

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6) Test photo



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2.High and low temperature test

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Standard: Put the sample in the constant temperature and humidity test chamber for temperature impact test. The low temperature is set to - 40 ℃, the high temperature is set to + 80 ℃, the high and low temperature hold time is 1 hour, and the test 8 cycles are 16 hours in total. After the test, check whether the sample is deformed, peeled, cracked and distorted; whether the sample can be started and can enter the system for operation.

3) Test condition:

Low temperature	- 40°C (±2°C)
High temperature	+80°C (±2°C)
Time	1 hour
Normal time	5 minutes
Cycles	8
Total time	16hours
Sample	Off

4) Test equipment:

Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-074	Temp.& Humid. Chamber	Sailham / ZH-TH-1000F	2024-07-05	2025-07-04
TH-SE-025	Electronic Stopwatch	TIANFU / PC396	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

6) Test photo



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3.Low temperature storage test

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Standard: GB/T 2423.1-2008

3) Test condition:

Low temperature	- 40°C (±2°C)
Temperature gradient	1°C per one minute
Test time	16 hours
Sample	OFF

4) Test equipment:

Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-074	Temp.& Humid. Chamber	Sailham / ZH-TH-1000F	2024-07-05	2025-07-04
TH-SE-025	Electronic Stopwatch	TIANFU / PC396	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

6) Test photo



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4.Low temperature operation test

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Standard: GB/T 2423.1-2008

3) Test condition:

Low temperature	- 20°C (±2°C)
Temperature gradient	≤0.2°C per one minute
Test time	8 hours
Sample	ON

4) Test equipment:

Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-074	Temp.& Humid. Chamber	Sailham / ZH-TH-1000F	2024-07-05	2025-07-04
TH-SE-025	Electronic Stopwatch	TIANFU / PC396	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

6) Test photo



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5.High temperature and high humidity test

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Standard: GB/T 2423.3-2016

3) Test condition:

Temperature	+ 60°C (±2°C)
Humidity	93%RH (±3%RH)
Temperature gradient	1°C per one minute
Test time	8 hours
Sample	ON

4) Test equipment:

Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-074	Temp.& Humid. Chamber	Sailham / ZH-TH-1000F	2024-07-05	2025-07-04
TH-SE-025	Electronic Stopwatch	TIANFU / PC396	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

6) Test photo



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6.High temperature storage test

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Standard: GB/T 2423.2-2008

3) Test condition:

High temperature	+ 80°C (±2°C)
Temperature gradient	≤0.2°C per one minute
Test time	16 hours
Sample	OFF

4) Test equipment:

Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-074	Temp.& Humid. Chamber	Sailham / ZH-TH-1000F	2024-07-05	2025-07-04
TH-SE-025	Electronic Stopwatch	TIANFU / PC396	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

6) Test photo



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7.High temperature operation test

1) Ambient condition: 24-26 ℃ 65-75%RH

2) Standard: GB/T 2423.2-2008

3) Test condition:

Low temperature	80°C (±2°C)
Temperature gradient	≤0.2°C per one minute
Test time	8 hours
Sample	ON

4) Test equipment:

Inst. ID No.	Instrument Type	Manufacturer/ Model no.	Last Cal. Date	Next Cal. Date
TH-SE-074	Temp.& Humid. Chamber	Sailham / ZH-TH-1000F	2024-07-05	2025-07-04
TH-SE-025	Electronic Stopwatch	TIANFU / PC396	2024-07-05	2025-07-04

5) Test result: Pass

After test, the sample no deformation, peeling, crack, distortion, the sample operate normally

6) Test photo



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Sample Photos





********END OF THE REPORT********

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