

PER-TAICX

Temperature/Humidity Test Report

Report NO: 18D020015

Summary	<p><input checked="" type="checkbox"/> Pass</p> <p><input type="checkbox"/> Fail Note : There is/are ___ defect(s) not list in the report, please check it in the DTS Website.</p> <p><input type="checkbox"/> Pass with Deviation Comment: _____</p>
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Issue date

2018-12-21

QE Manager

KJ Wang

Test Engineer

Ben Sun

Test item list

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 3. *Temperature variation operation test* ----- 4
 4. *Cold start and hot start test* ----- 5

Testing Result

Num	Test item list	Result	Remark
1	Temperature variation operation test	Pass	
2	Cold start and hot start test	Pass	

Configuration of EUT

Test Product: PER- TAICX

Sample Configuration & Quantity Under Test:

M/B Photo:

MINI-MYX A0.2



Test System: UP-APL01 A1.0

1. CPU: Intel Apollo lake N4200 2.5GHz
2. BIOS: UPA1AM20
3. Chipset: Intel Kaby Lake
4. Memory: Micron.MT53B512M32D2NP-062WT LPDDR4 3200 2GB*4
5. Storage: Samsung KLMCG4JENB-B041 64GB
6. Test Software: Ubuntu 16.04 / Run test program
7. Adapter: 5V 6A

Temperature Variation Operation Test

Test Date: 12-17 ~ 18-2018

Test Site: AAEON QE Dept.

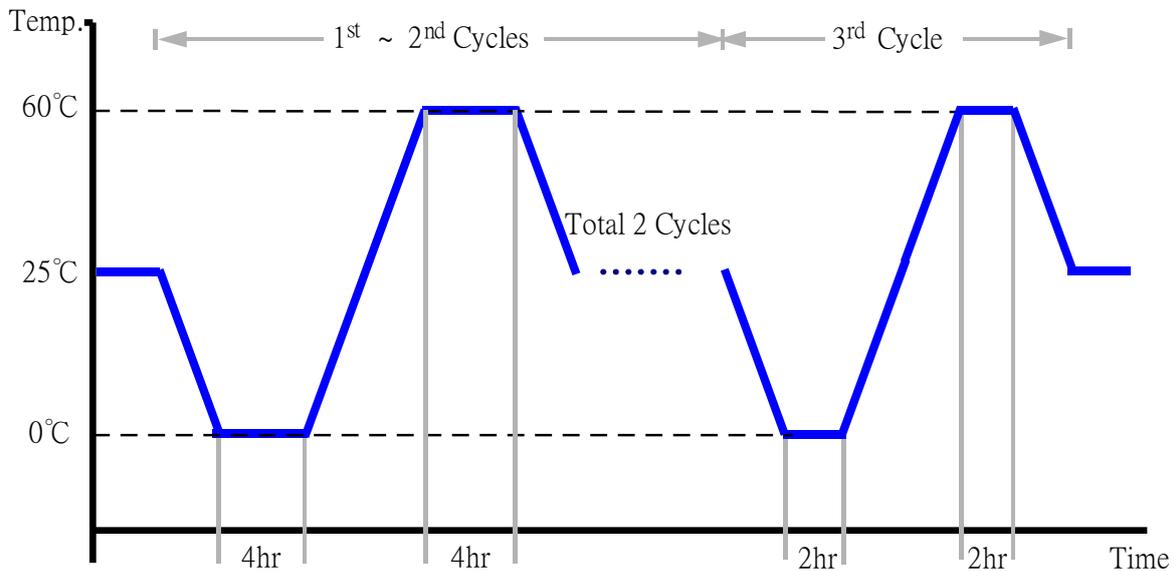
Test Standard: Refer to IEC 68-2-14 Testing procedures
Test N: Change of temperature Test

Test Equipment:

Programmable Temperature & Humidity Chamber: (K.SON. INS. TECH. CORP.)
Model: THS-B6T-150+LN2
Date of Calibration: 03/16/18
Due date of Calibration: 03/15/19
Serial Number: 6487KT

Temperature & Humidity Cycle Test:

1. Test Low Temperature: 0°C (1~3 cycles)
2. Test High Temperature: 60°C (1~3 cycles)
3. Test dwell time: 4Hrs (1~2 cycles)
2Hrs (3rd cycle)
4. Temperature slope: 2°C/min
5. Test cycle: 3 cycles
6. Test Environment Curve:



Test Result:

No issues were found during the temperature variation operation test.

Cold start and hot start test

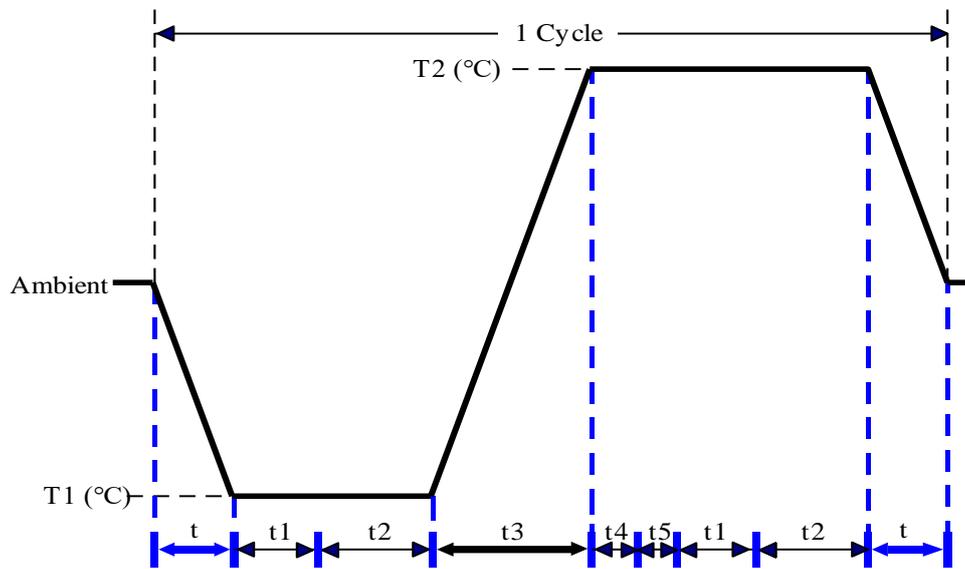
Test Date: 12-19 ~ 20-2018

Test Site: AAEON QE Dept.

Test Standard: Refer to IEC 68-2-14 Testing procedures
Test N: Change of temperature Test

Test Equipment:
Programmable Temperature & Humidity Chamber: (K.SON. INS. TECH. CORP.)
Model: THS-B6T-150+LN2
Date of Calibration: 03/16/18
Due date of Calibration: 03/15/19
Serial Number: 6487KT

Test Condition:



Parameters	Description
T1	0°C
T2	60°C
t1	1 hrs
t2	2 hrs
t4, t5	30 min
t, t3	2°C/min
n (Cycle)	1

t,t3 = temperature slope
t, t1: Power Off
t2: Power on/off test 10 times (on 2 min / off 5min)
t3,t4: Run test program
t5: Ubuntu Software restart test 2 times
Test Software:Ubuntu 16.04

Test Result:

- No issues were found during the cold start test.
- No issues were found during the hot start test.