

# Certified Test Report

Korea Electronics Technology Institute  
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Certificate No.:2019-0005K  
 page ( 1 ) / ( 5 )



**1. Contact**

- Company Name : WIZNET
- Address : 5F Hunmax village, 216 Hwangsaeul-ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do
- Request Received : 9/16/2019

2. Purpose of Certificate : Reliability test

3. Type of Product : WizFi360 (Model : PA)

4. Testing Period : 9/26/2019 ~ 10/17/2019

5. Test Method : IEC 60068-2-1 Ed. 6.0:2007 Environmental testing - Part 2-1:Tests - Test A: Cold

IEC60068-2-2 Ed. 5.0:2007 Environmental testing - Part 2-2:Tests - Test B: Dry heat

IEC 60068-2-14 Ed. 6.0:2009 Environmental testing - Part 2-14:7. Test Na : Rapid change of temperature with prescribed time of transfer

6. Test Result : See test result

Affirmation	Prepared by	Approved by
	Technical personnel Name : Hyunwoo Park (sign)	Technical manager Name : Chulhee Kim (sign)

The above test certificate is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.



**Korea Electronics Technology Institute**  
**Accredited by KOLAS, Republic of KOREA**

10/22/2019  
 (Sign)

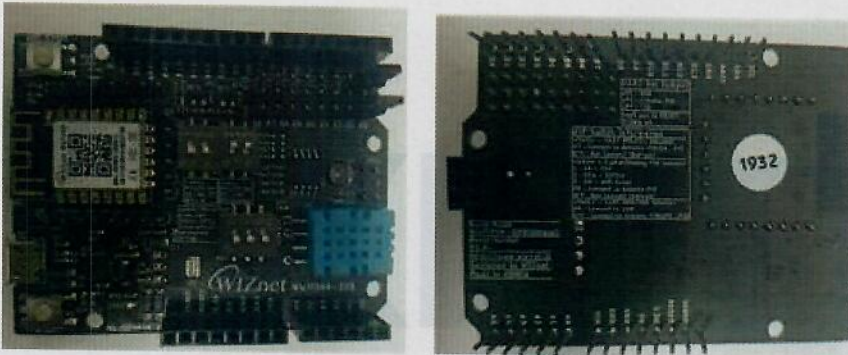
This test report is a test result of specimen provided by the client. The specimen name and model name are provided by the client. This report shall not be used for anything other than purpose, and KETI shall not be held responsible for any problems caused by client's improper use.

Please contact kimchulhee@keti.re.kr for the authenticity of the report.

# Test Result

1. Purpose of Test : Reliability test

2. Specimen : WizFi360 (Model : PA)



3. Test Description

Test Item	Test Condition	sample
Low temperature operation test	- IEC 60068-2-1 Ed. 6.0:2007 (-40 ± 2) °C, 16 h	1 ea
High temperature operation test	- IEC60068-2-2 Ed. 5.0:2007 (85 ± 2) °C, 16 h	
Rapid change of temperature operation test	- IEC 60068-2-14 Ed. 6.0:2009 (-40 ± 2) °C ↔ (85 ± 2) °C, each 3 h, 5 cycles	

#### 4. Test Equipment

- ① Low temperature operation test, High temperature operation test

Climatics chamber 2221HA (A26) (Climats, France)



- ② Rapid change of temperature operation test

Thermal shock chamber TSA-101S (W06) (Espec, japan)



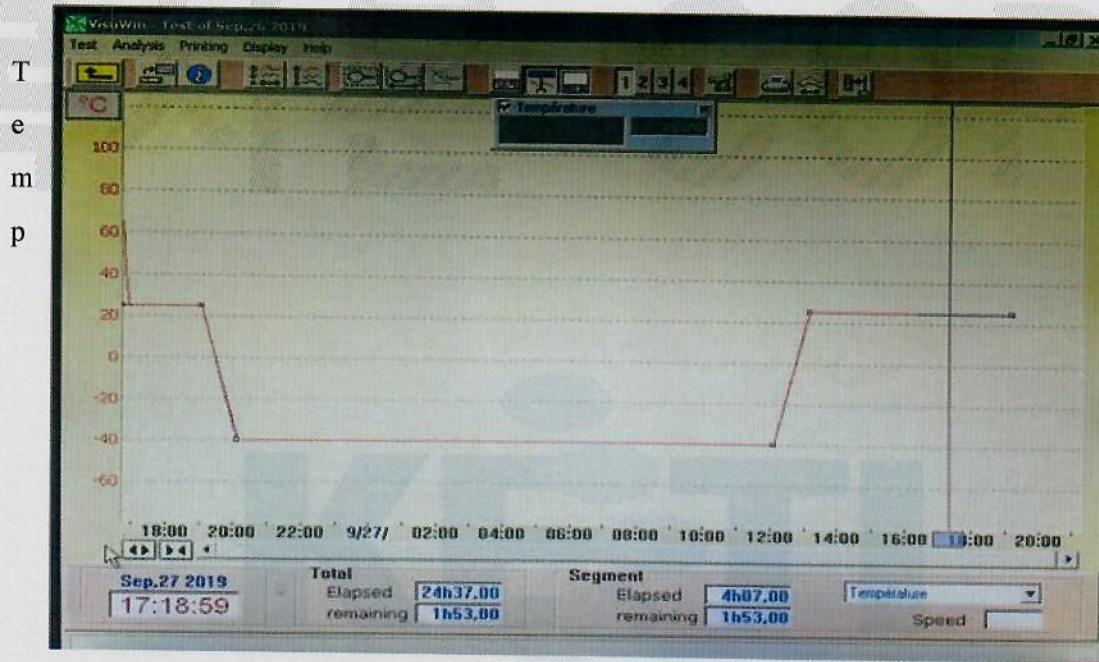
#### 5. Testing Time

- |  |                           |
|--|---------------------------|
| ① Low temperature operation test             | : 09/26/2019 ~ 09/27/2019 |
| ② High temperature operation test            | : 09/27/2019 ~ 09/28/2019 |
| ③ Rapid change of temperature operation test | : 10/16/2019 ~ 10/17/2019 |

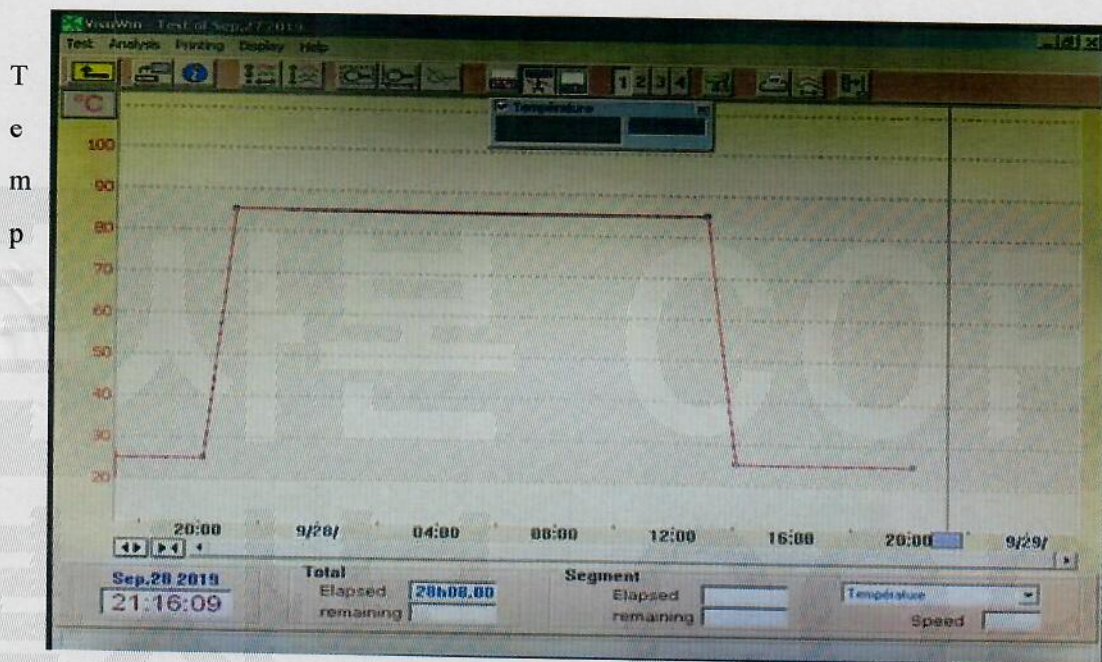
## 6. Result

### ① Test Log Profile.

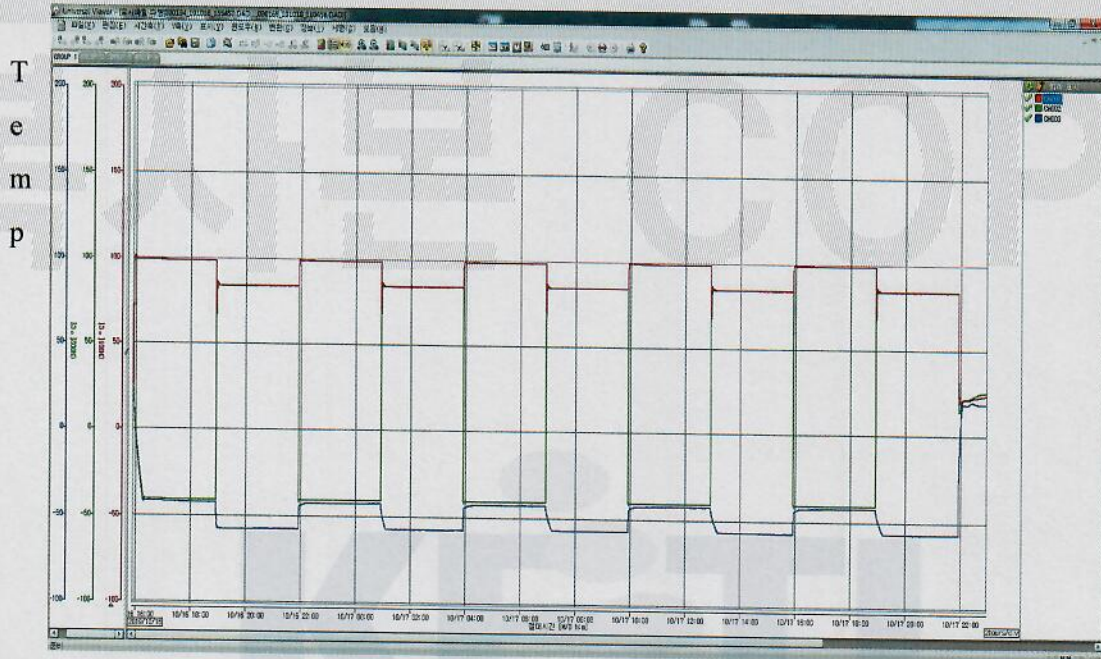
- Low temperature operation test



- High temperature operation test



- Rapid change of temperature operation test



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