

# Certified Test Report

**Report No. : 2019-0535F**

**Date of Report : 10/ 31/ 2019**

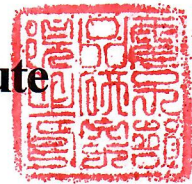
**Requested by : WIZNET**

**Type of Product : WizFi630S**

This report was prepared and certified by  
Korea Electronics Technology Institute



**Korea Electronics Technology Institute**



The product tested in this report has been provided by the test request. The information contained in this report is designed to improve and enhance the quality level of the product. But, it is provided with the understanding that the requester is not engaged in rendering legal, accounting, engineering, or other professional services. KETI disclaims any responsibility or liability for the use of this information outside of its original purpose.

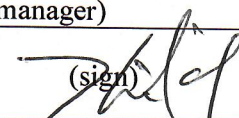
#25 Saenari-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 463-816, KOREA  
Tel : +82-31-789-7298, Fax : +82-31-789-7299 <http://www.keti.re.kr>

# Summary of Test

1. Customer Information

Company Name	WIZNET		
Name of President/CEO	Lee Yun Bong		
Company Address	5F Humax village, 216 Hwangsaeul-ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do		
Contact Person	Seo Ji hoon	Request Received	10/14/2019
Type of Specimen	WizFi630S	No. of Specimen	3 ea
Purpose of Test	Reliability test		
Total Page	7 Pages		

2. Test

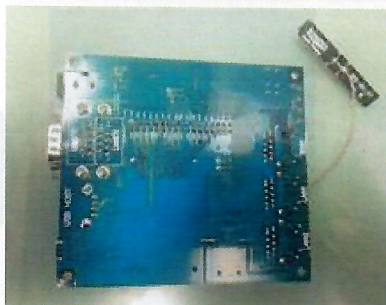
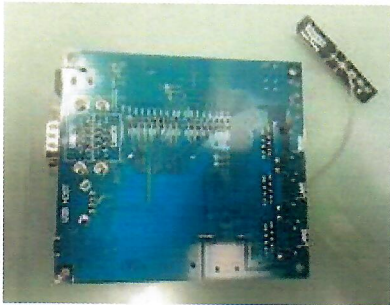
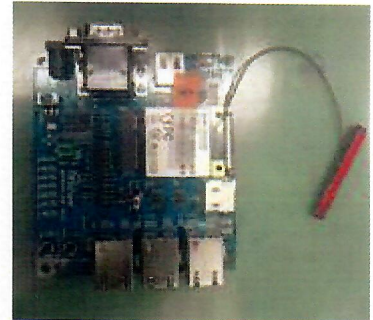
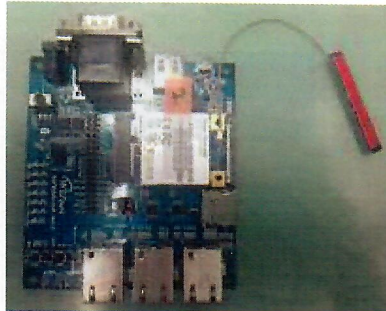
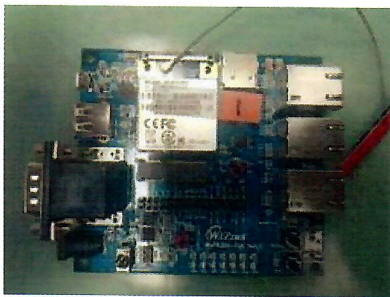
Test Item	Low temperature test and 4 other cases			
Test Method	To summit customer			
Test Result	Before, during & after the test, any specified defect or damage to the case was not found by visual inspection and all specimen was operated properly.			
Testing Time	10/14/2019 ~ 10/29/2019			
Room Environment	Temperature	(25 ± 10) °C	Humidity	75 % R.H. and below
Prepared by (Technical personnel)		Reviewed by (Technical manager)		
Hyunwoo Park (sign)		Kwanhun Lee (sign) 		



# Test Result

1. Purpose of Test : Reliability test

2. Specimen : WizFi630S



< # 1 >

< # 2 >

< # 3 >

3. Specimen Sampling Method : Provided by the applicant

4. Test Description

Test Item	Test Condition	sample
Low temperature operation test	(-25 ± 2) °C, 16 h, Check operation before, during and after test	3 ea
High temperature operation test	(85 ± 2) °C, 16 h, Check operation before, during and after test	
Humidity operation test	(70 ± 2) °C, (95 ± 3) % R.H., 48 h, Check operation before, during and after test	

Test Item	Test Condition	sample
Humidity cycling operation test	(25 ± 2) °C → (70 ± 2) °C, 3 h, (70 ± 2) °C, 9 h, (70 ± 2) °C → (25 ± 2) °C, 3 h, (25 ± 2) °C, 9 h, (95 ± 3) % R.H., Check operation before, during and after test	3 ea
Rapid change of temperature operation test	(-25 ± 2) °C ↔ (85 ± 2) °C, each 3 h, 5 cycles, Check operation before, during and after test	

**5. Test Equipment**

- ① Low temperature operation test, High temperature operation test, Humidity operation test, Humidity cycling operation test

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



- ② Rapid change of temperature operation test

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





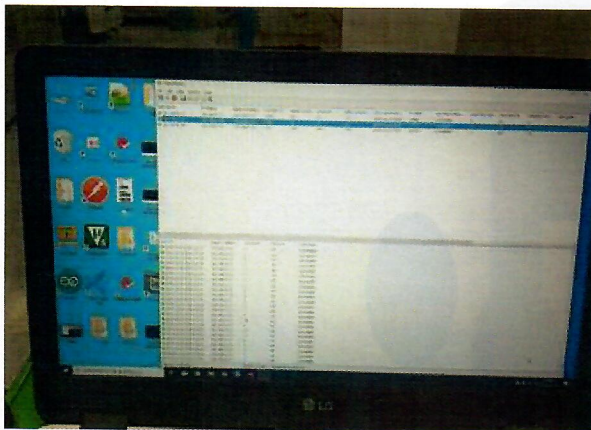
**6. Testing Time**

- ① Low temperature operation test : 10/14/2019 ~ 10/15/2019
- ② High temperature operation test : 10/15/2019 ~ 10/16/2019
- ③ Humidity operation test : 10/16/2019 ~ 10/18/2019
- ④ Humidity cycling operation test : 10/21/2019 ~ 10/23/2019
- ⑤ Rapid change of temperature operation test : 10/28/2019 ~ 10/29/2019

**7. Result**

- ① Before, during & after the test, any specified defect or damage to the case was not found by visual inspection and all specimen was operated properly.

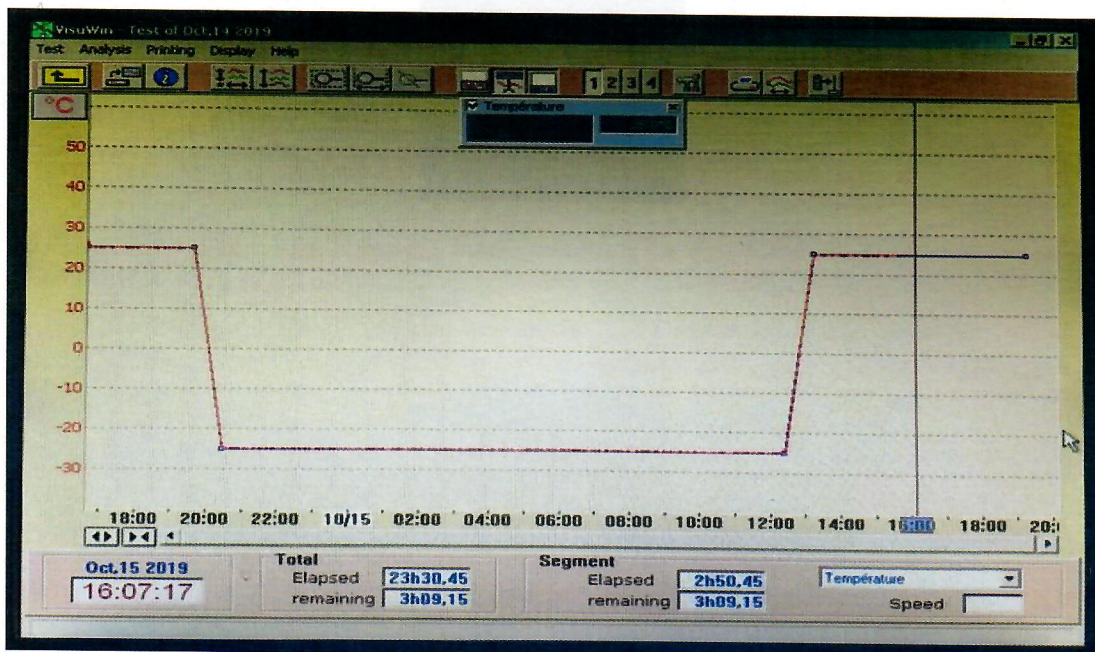
- Operation check pictures



Host Name	IP Address	Reply IP Address	Succeed Co.	Failed Count	Connect
192.168.0.121	192.168.0.121	192.168.0.121	1461	25	17
192.168.0.122	192.168.0.122	192.168.0.122	1460	26	22
192.168.0.123	192.168.0.123	192.168.0.123	737	749	749

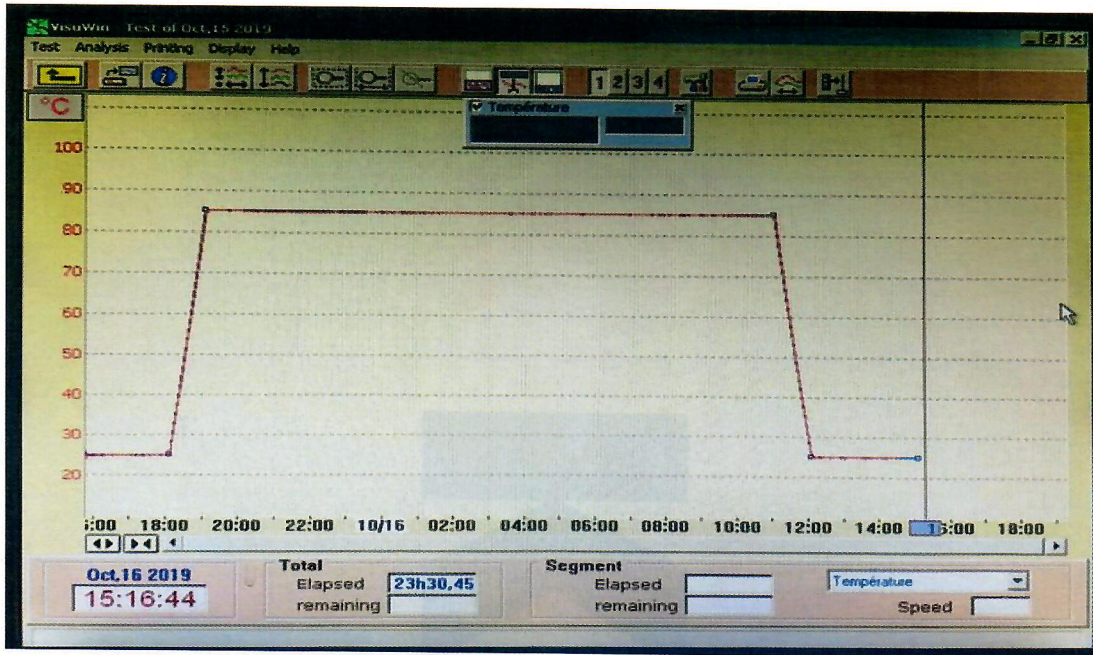
- ② Test Log Profile.

- Low temperature operation test

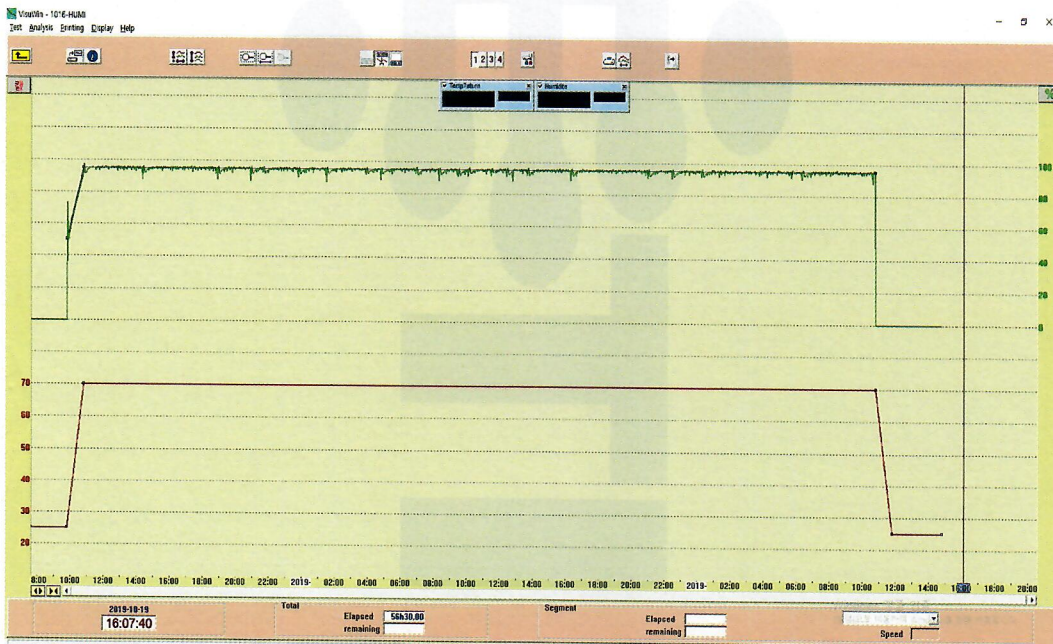




- High temperature operation test

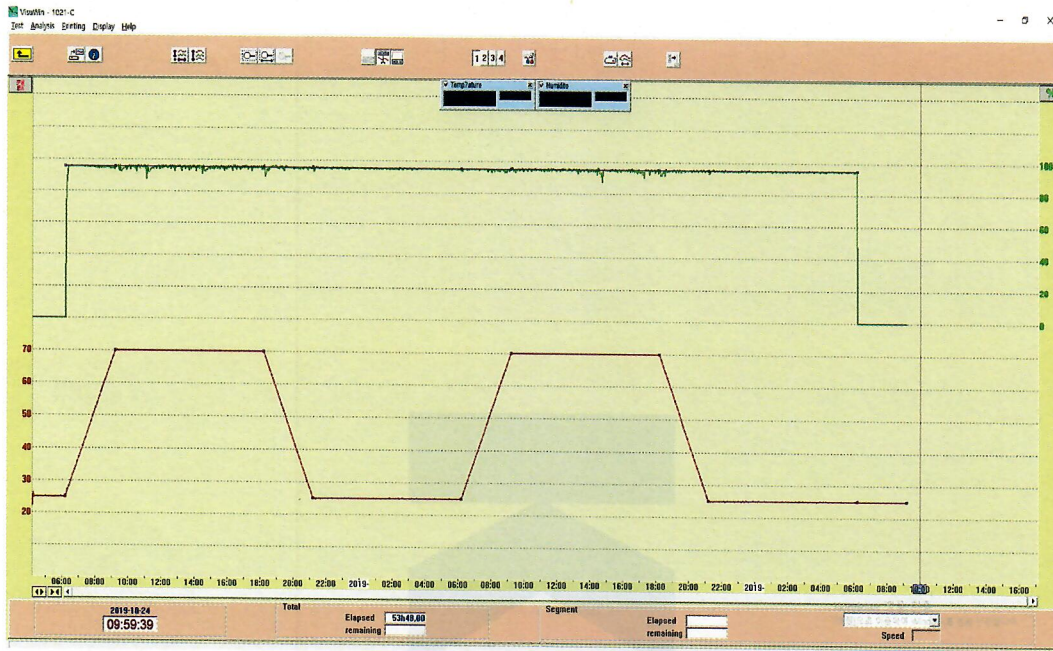


- Humidity operation test





- Humidity cycling operation test



- Rapid change of temperature operation test

