

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



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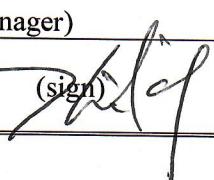
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Summary of Test

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		

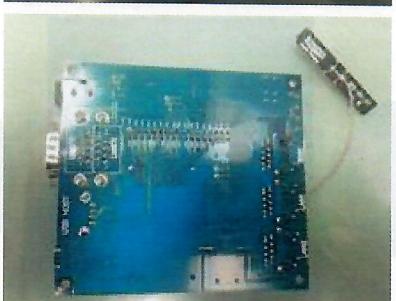
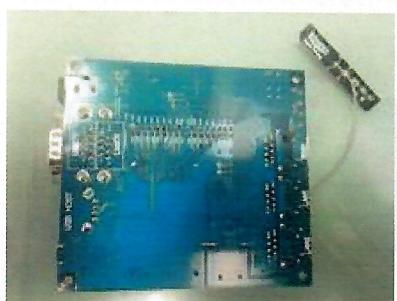
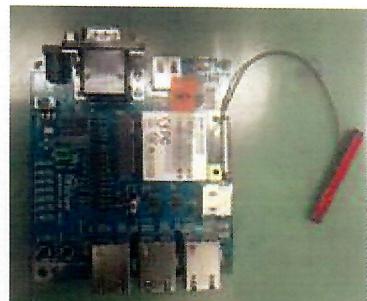
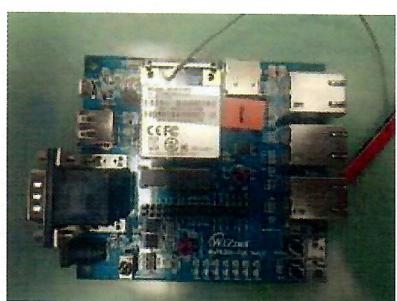
2. Test

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 : WiFi630S



< # 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)

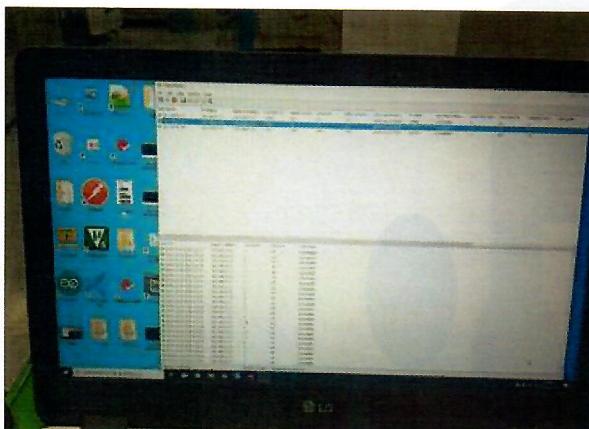


6. Testing Time

- | | |
|--|---------------------------|
| 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

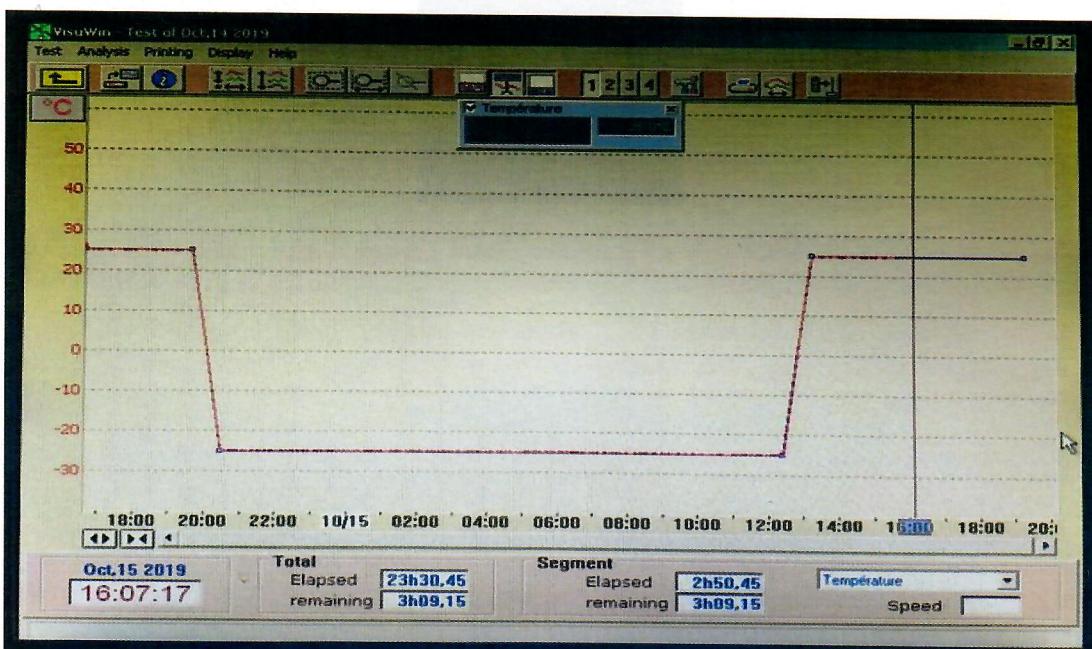
- ① Before, during & after the test, any specified defect or damage to the case was not found by visual inspection and all specimen was operated properly.
- Operation check pictures



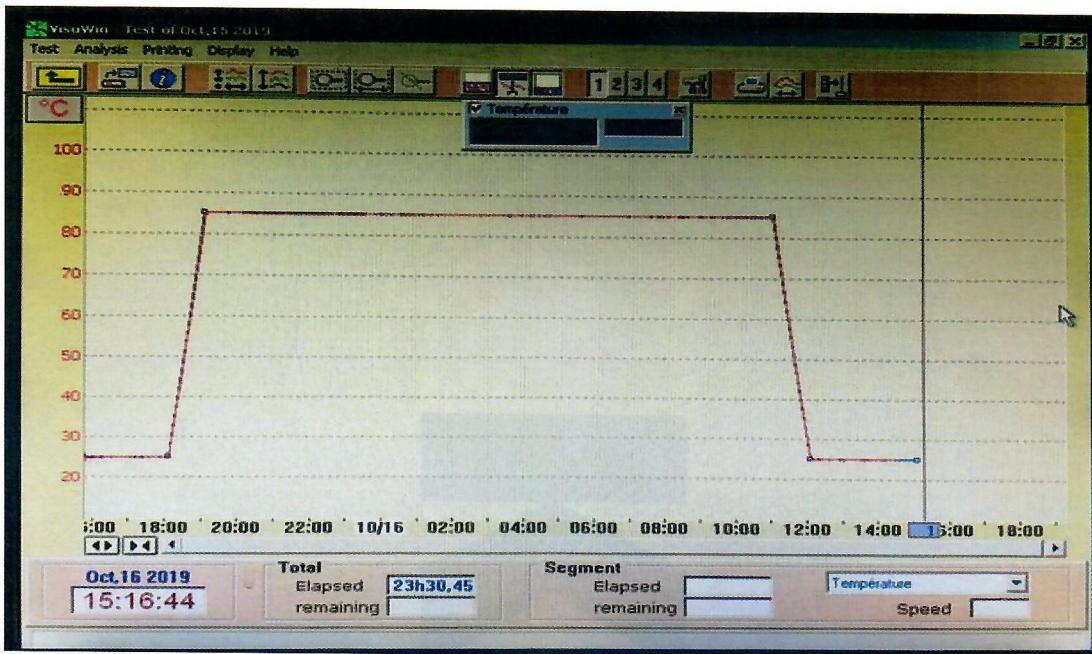
PingView					
Host Name	IP Address	Reply IP Address	Succeed Co...	Failed Count	Consecut...
192.168.0.121	192.168.0.121	192.168.0.121	1461	25	17
192.168.0.122	192.168.0.122	192.168.0.122	1460	26	22
192.168.0.123	192.168.0.123	192.168.0.123	737	749	749

- ② Test Log Profile.

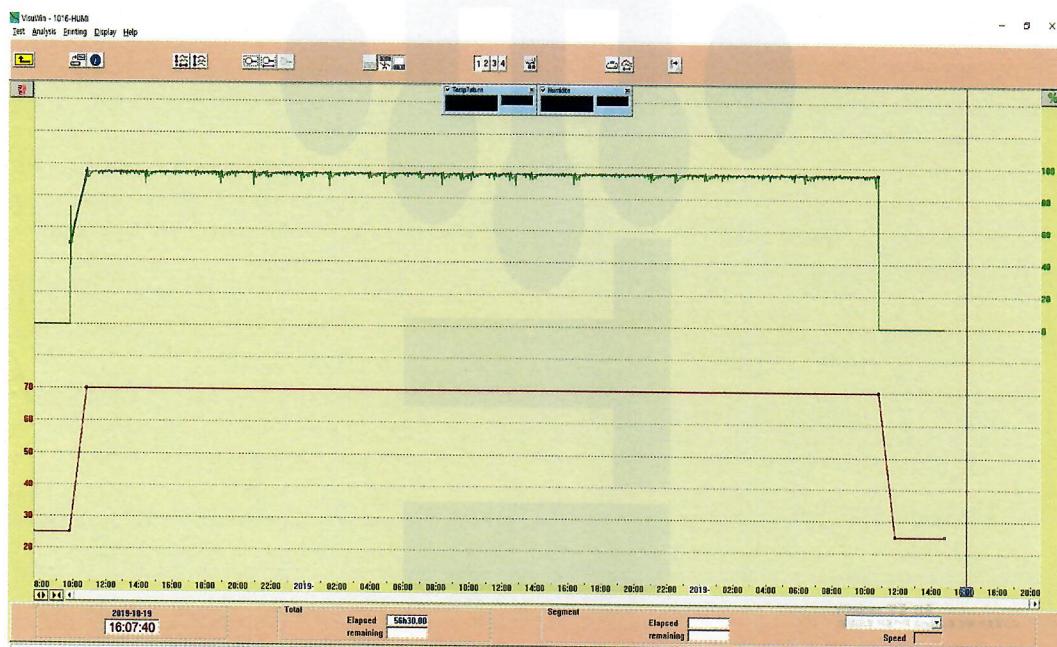
- Low temperature operation test



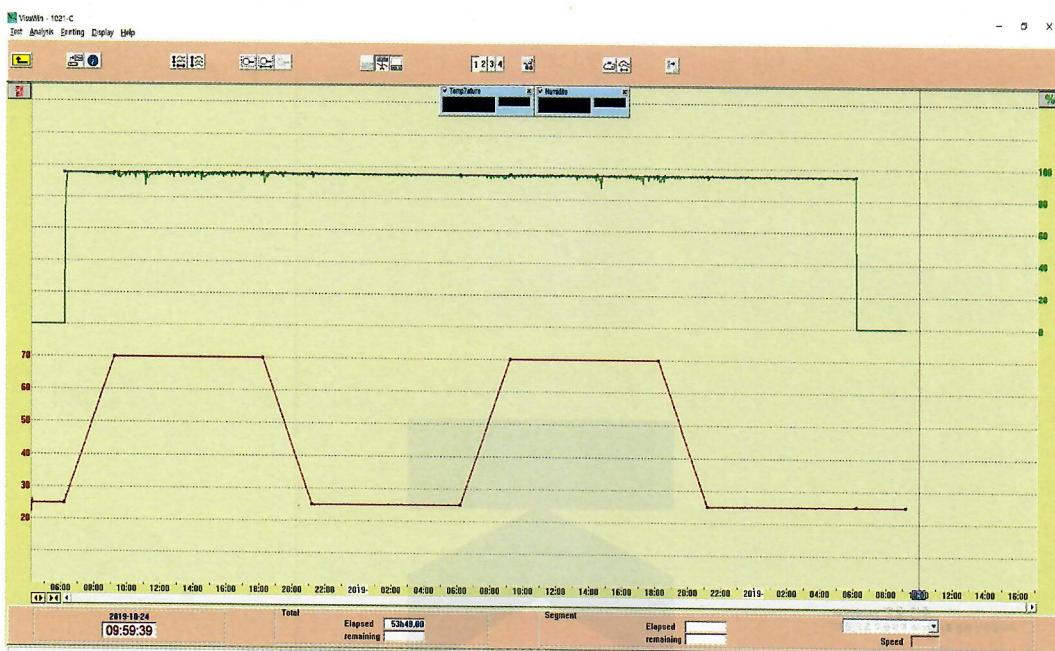
- High temperature operation test



- Humidity operation test



- Humidity cycling operation test



- Rapid change of temperature operation test

