

Certified Test Report

Report No. : 2019-0479F

Date of Report : 10/ 21/ 2016

Requested by : WIZNET

Type of Product : WizFi360 (Model : PA)

This report was prepared and certified by
Korea Electronics Technology Institute



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Summary of Test

1. Customer Information

Company Name	WIZNET		
Name of President/CEO	Lee Yun Bong		
Company Address	5F Hunmax village, 216 Hwangsaetul-ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do		
Contact Person	Seo Ji hoon	Request Received	9/16/2019
Type of Specimen	WizFi360 (Model : PA)	No. of Specimen	1 ea
Purpose of Test	Reliability test		
Total Page	7 Pages		

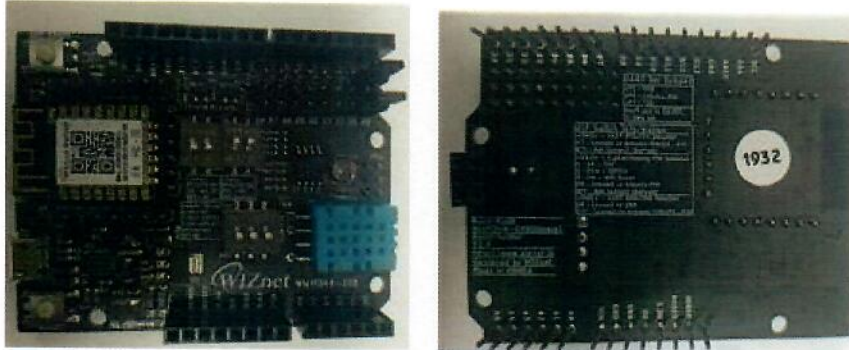
2. Test

Test Item	Low tepmerature operation test and 4 other cases			
Test Method	To summit customer			
Test Result	See test result			
Testing Time	9/26/2019 ~ 10/17/2019			
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 : WizFi360 (Model : PA)



3. Specimen Sampling Method : Provided by the applicant

4. Test Description

Test Item	Test Condition	sample
Low tepmperature operation test	(-40 ± 2) °C, 16 h, Check operation before, during and after test	1 ea
High tepmperature operation test	(85 ± 2) °C, 16 h, Check operation before, during and after test	
Humidity operation test	(55 ± 2) °C, (95 ± 3) % R.H., 48 h, Check operation before, during and after test	
Humidity cycling operation test	(25 ± 2) °C, 2 h, (25 ± 2) °C → (85 ± 2) °C, 2 h, (85 ± 2) °C, 4 h, (85 ± 2) °C → (25 ± 2) °C, 2 h, (25 ± 2) °C, 4 h, (25 ± 2) °C → (85 ± 2) °C, 2 h, (85 ± 2) °C, 4 h, (85 ± 2) °C → (25 ± 2) °C, 2 h, (25 ± 2) °C, 2 h, (95 ± 3) % R.H., Check operation before, during and after test	
Rapid change of temperature operation test	(-40 ± 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

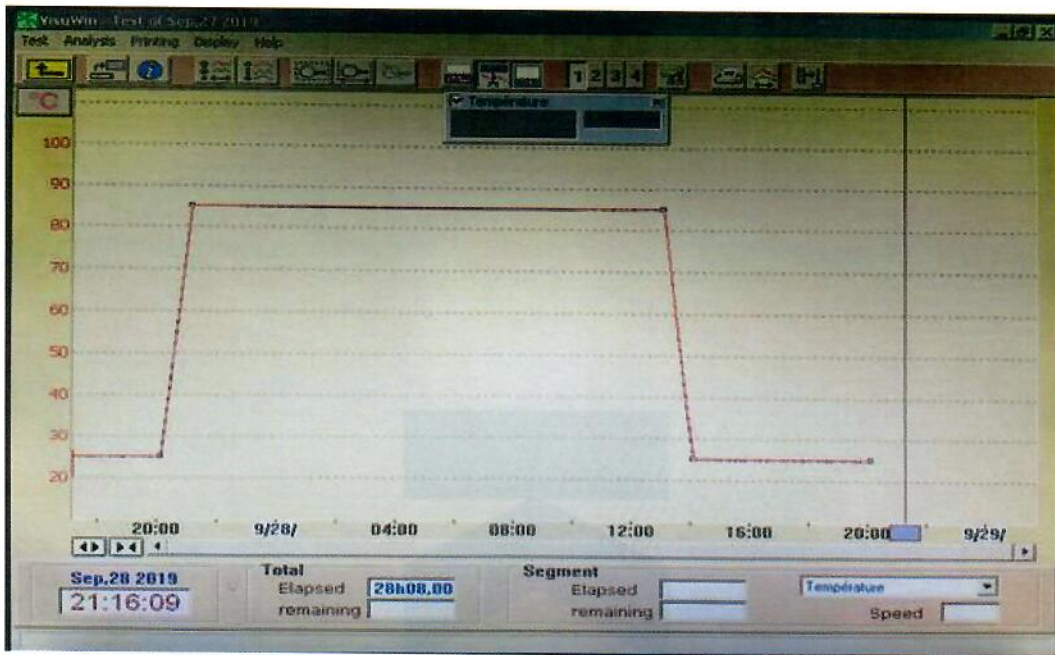
Thermal shock chamber TSA-101S (W06) (ESPEC, japan)



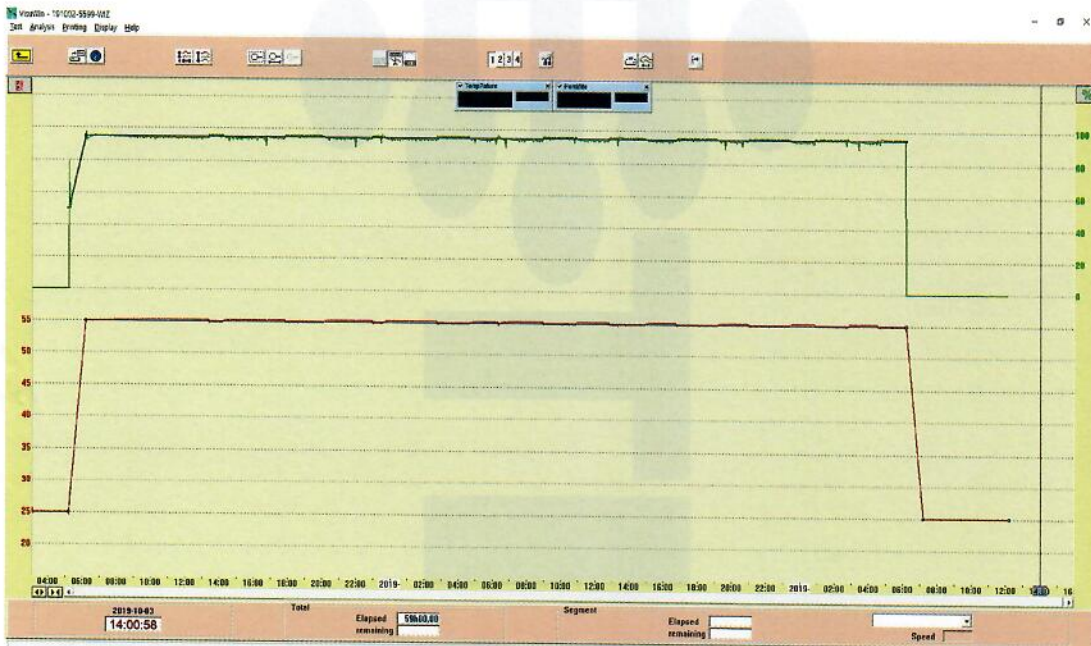
6. Testing Time

- ① Low temperature operation test : 09/26/2019 ~ 09/27/2019
- ② High temperature operation test : 09/27/2019 ~ 09/28/2019
- ③ Humidity operation test : 09/30/2019 ~ 10/02/2019
- ④ Humidity cycling operation test : 10/03/2019 ~ 10/05/2019
- ⑤ Rapid change of temperature operation test : 10/16/2019 ~ 10/17/2019

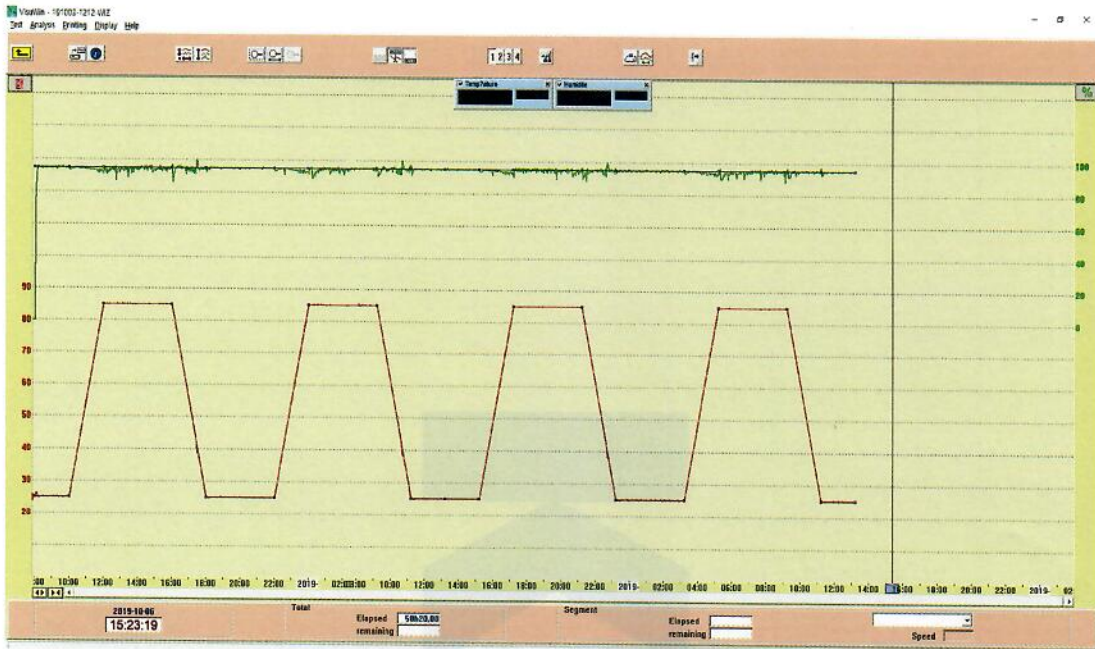
- High temperature operation test



- Humidity operation test



- Humidity cycling operation test



- Rapid change of temperature operation test

