Thermal Resistance Test Report

Part Number:

RG4124

Description:

1U CPU COOLER 94X56 FOR INTEL SOCKET LGA115X 1200 PROCESSORS

Date:**2016/11/01**

Engineer: **Vicky**

Test Condition

Heat Flux	Pressure	Test Duration	Ambient Temp	Convection
75 /95 Watts	40lbf /18.14kgf	240 minutes	50 /45℃	Natural Convection

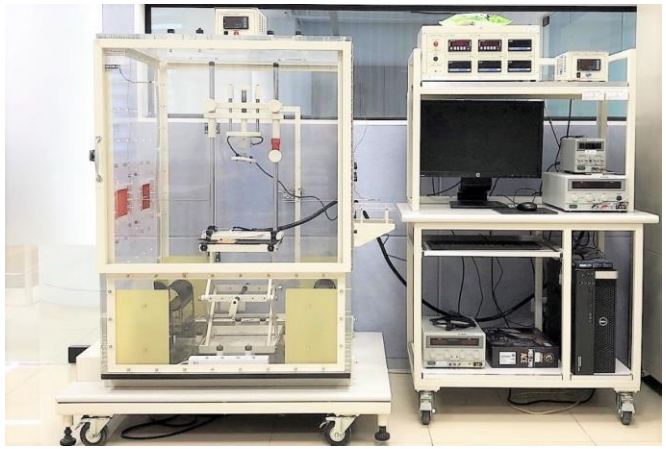
Test Data

Sample	Tc (℃)	Ta(℃)	Fan Speed (RPM)	F (kgf)	Q (W)	R (℃/W)
1	75.02	51.6	4345	18.59	80.55	0.29
2	75.23	48.2	4232	18.98	95.16	0.28

Test Result

Q (W)	Tc(℃)	R (℃/W)
75	75.02	0.29
95	75.23	0.28

Thermal Resistance Test Report



NATURAL CONVECTION

- CPU Cooler Thermal Resistance Measurement Apparatus with Matural Convection Chamber ,4 sets of 650 watts Infrared Radiation Heaters.
- Operating Temperature：Room Temperature ~ 70°C

CIRCULATING CONVECTION

- CPU Cooler Thermal Resistance Measurement Apparatus with Programmable temperature and humidity chamber, Through a mechanical circulation system, using fans and heating coils.
- Operating Temperature：-40°C ~ 150°C

Compression Force Test Report

Part Number:

RG4124-002

Description:

1U CPU COOLER 94X56 FOR INTEL SOCKET

LGA115X 1200 PROCESSORS

Date:**2022/11/07**

Engineer: **Vic**

Test Criterion

Total Force of CPU Cooler		
Typical	**Maximum**	**Minimum**
33.56 lbf	**36.92 lbf**	**30.21 lbf**

Test Condition

PCB Thickness	CPU Height (about PCB)
1.6mm	**7.71mm**

Test Data

Sample	Compression Force
1	**34.2 lbf**
2	**34.4 lbf**
3	**34.1 lbf**
AVG	**34.24 lbf**

Test Result

Pass	Compression Force of CPU Cooler = **34.24 lbf**

Rego Electronics Inc. **www.regothermal.com** **+886-2-2643-6558**

Compression Force Test Report

- **The universal clip force measuring device is a tool for measuring the clip holding force for the clip on the CPU Cooler.**
- **Measuring pressure range 0~220lbf,: accuracy 0.1%FS**

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