



AAEONTechnology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

X-900

Temperature / Humidity Test Report

Issued by:

Rex Chang
QE Engineer

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04/26/2002

Date

Reviewed by:

Wen - Yuan Yang
QE Manager

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04/26/2002

Date

1. Test Product: FC / Socket 370 industrial single board computer.

2. Model Name: X-900 REV.A0.4

3. Test Date: 04-19-2002

4. Test Site: AAEON QA Internal Lab.

5. Test Equipment

Type	MFR	Model Number	Serial Number	Last CAL.
Programmable Temperature & Humidity Chamber	KSON	Ths-D4L+-100	2582	10/29/01

6. Test Standard :

NO.	Description
IEC 68-2-30	Test DB : Damp Heat Test
IEC 68-2-61	Test Z/ABD : Climatic Sequence Test

7. Testing Item:

- Temperature & Humidity Cycle Test
- Test Temperature & Humidity Power On/Off Test

8. Additional Test Peripheral:

Configuration	Model
Test Software	QAPLus 5.5
Test Fixture	Power on/off(110V) Fixture

9. Sample Configuration & Quantity Under Test:

- Quantity: 1
- Sample Configuration:

CPU	Intel Pentium 700GHz (100 x 7 ; 1.75V)
DRAM	SDRAM 512MB SEITEC PM72V56841CT-6 (PC-133 SDRAM)
System BIOS Version	PL-X920 BIOS Rev.1.0
Chipset	Intel 815E
VGA Chipset	Intel 815E Share system memory up to 4MB(MAX)
I/O Chipset	ITE-8712 Fully 16 bit I/O decoded.
Cooler (P/N)	1759200316

Cooler (P/N): 1759200316



10. Test Result:

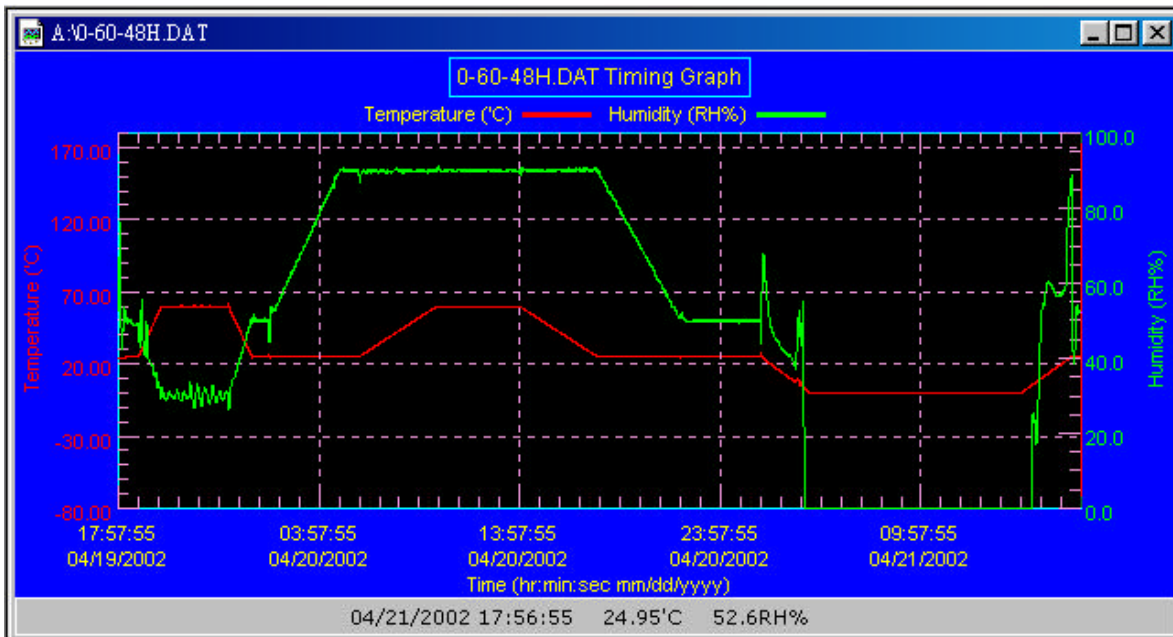
Standard	Description	Result
IEC 68-2-61	Temperature & Humidity Cycle Test (Run QAPLus 5.5)	Pass
IEC 68-2-30	Temperature & Humidity Power On/Off Test	Pass

11. Temperature & Humidity Cycle Test:

11-1 Testing Specification:

Step	Temperature ()	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	60	30	01:10
4	60	30	03:20
5	25	50	01:10
6	25	50	00:50
7	25	90	03:30
8	25	90	01:00
9	60	90	03:53
10	60	90	04:07
11	25	90	03:53
12	25	50	04:07
13	25	50	03:30
14	25	50	00:30
15	0	0	02:30
16	0	0	10:30
17	25	50	02:30
18	25	50	00:30

11-2 Test Curve:



12. Temperature & Humidity Power On/Off Test

12-1 Testing Specification:

Step	Temperature ()	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	25	90	01:00
4	25	90	00:30
5	60	90	03:30
6	60	90	03:00
7	0	0	04:50
8	0	0	05:23
9	25	50	01:47
10	25	50	03:00

13-2 Test Curve:

