AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

GENE-4312
Temperature / Humidity Test Report

Issued by:		/	*05/27/2002*
	Rex Chang **QE Engineer**		**Date**
Reviewed by:		/	*05/27/2002*
	Wen - Yuan Yang **QE Manager**		**Date**

1.Test Product: SubCompact Board

2. Model Name: GENE-4312 REV.A1.0

3. Test Date: 05-23-2002

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 Temperature & Humidity Power On/Off Test

8. Additional Test Peripheral:

Configuration	Model
Test O.S.	MS-DOS 6.22
Test Software	QAPlus 5.5
Test Fixture	Power on/off(110V) Fixture

9. Sample Configuration & Quantity Under Test:
Quantity: 1
Sample Configuration:

CPU	Geode GX1-300B-85-2.0 300MHz
DRAM	SDRAM PC100128MB NEC-45128163G5-A80-9JF
System BIOS Version	GENE-4312 BIOS Rev 1.0
Chipset	NS Geode CS5530A
VGA Chipset	NS Geode CS5530A
I/O Chipset	Winbond W83977F. Full 16-bit I/O ` decoded
Cooler (P/N)	1963558000

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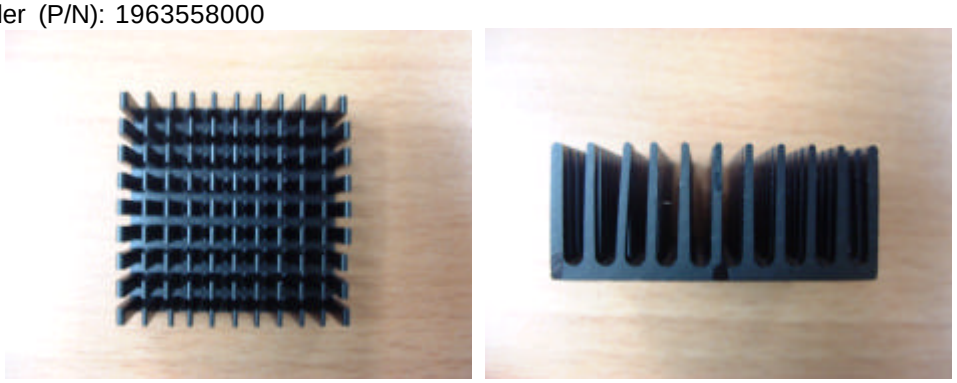


10. Test Result:

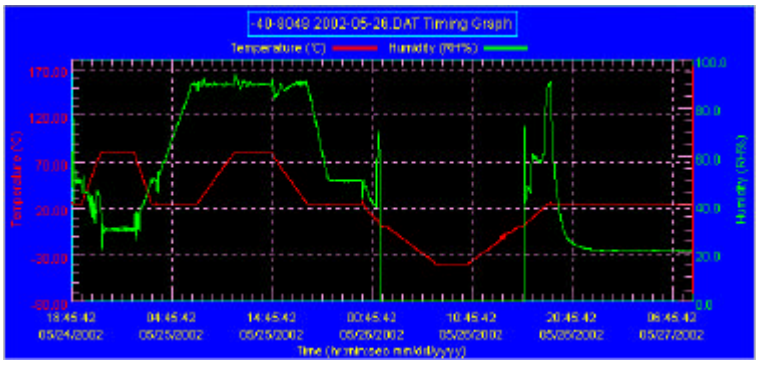
Standard	Description	Result
IEC 68-2-61	Temperature & Humidity Cycle Test (Run QAPlus 5.5)	Pass
IEC 68-2-30	Temperature & Humidity Power On/Off Test	Pass

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	80	30	01:50
4	80	30	03:20
5	25	50	01:50
6	25	50	00:30
7	25	90	03:30
8	25	90	00:30
9	80	90	03:40
10	80	90	03:40
11	25	90	03:40
12	25	50	02:00
13	25	50	03:00
14	25	50	00:30
15	0	0	02:00
16	0	0	00:30
17	-40	0	05:00
18	-40	0	03:00
19	0	0	05:00
20	0	0	00:30
21	25	50	02:30
22	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	80	90	02:45
6	80	90	03:30
7	-40	0	06:00
8	-40	0	03:00
9	25	50	03:15
10	25	50	03:00

12-2 Test Curve: