



AEC-6000 rev.B (GENE-6320A1.0)

Environment Test Report

Report NO : 03E020009

Issued by:

Rex-Chang
Test Engineer

/

01/28/2003

Date

Reviewed by:

Wayne-Chen
A.V.P

/

01/28/2003

Date



AEC-6000 Ver:B (GENE-6310 A1.1)

Environment Test Report

Report NO : 03E020038

Issued by:

/

05/26/2003

Rex-Chang
DV Engineer

Date

Reviewed by:

/

05/26/2003

Wayne-Chen
A.V.P

Date

AEC-6000 Rev:B (GENE-6310 A1.1)

Test Date: 05-23~25-2003

Test Product: AEC-6000 ver:B (GENE-6310 A1.1)

Test Site: AAEON DV Internal Lab.

Performed By : Rex Chang

Test Standard :

Reference IEC 68-2-61 Testing procedures
Test Z/ABD : Climatic Sequence Test

Test Equipment:

Programmable Temperature & Humidity Chamber
K.SON. INS. TECH. CORP.
Model : THS-D4H+-100
Date of Calibration : 06/07/02
Serial Number: 1241

Temperature Measurement :

20 Channel Thermal Recorder:
YOKOGAWA Inc,
Model : DA100-13-1D
Date of Calibration : 01/03/03
Serial Number: 12A323190

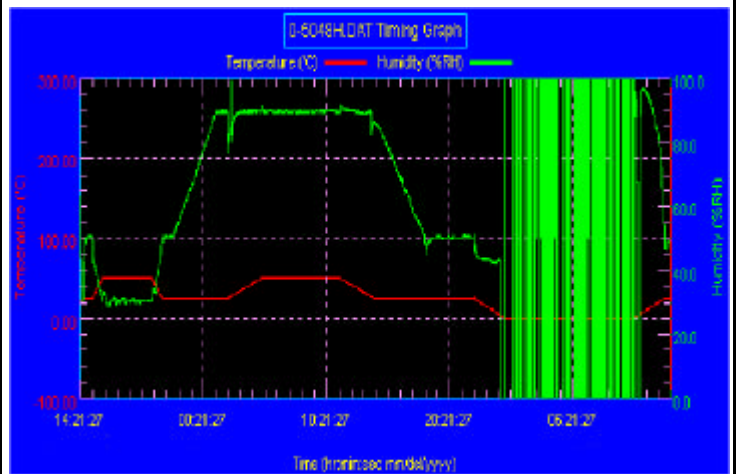
Test Item:

1. Test Software: QAPlus5.5
2. Test Environment Curve:

Testing Specification

Step	Temperature ()	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	50	30	00:50
4	50	30	04:00
5	25	50	00:50
6	25	50	00:50
7	25	90	03:30
8	25	90	01:00
9	50	90	02:46
10	50	90	06:21
11	25	90	02:46
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

Test Curve:

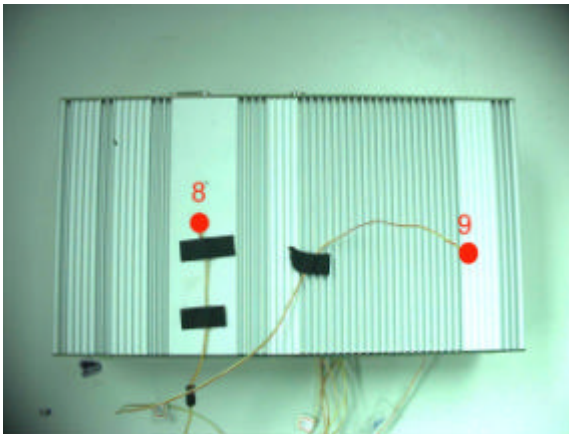
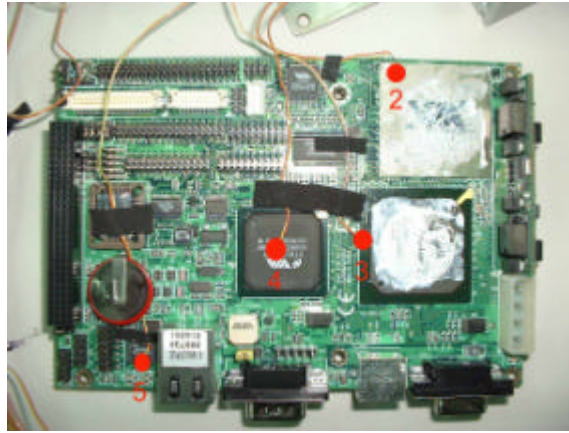
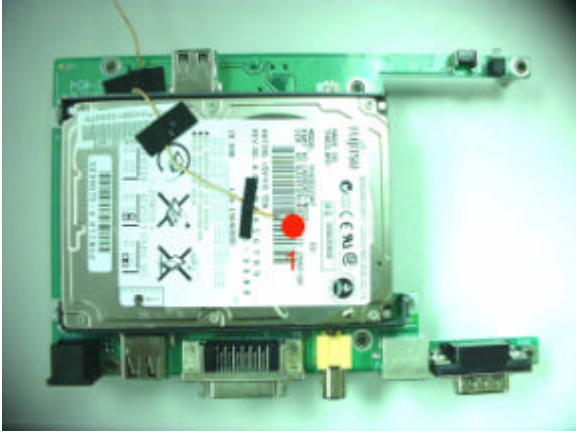


Sample Configuration & Quantity Under Test:

1. CPU : Onboard CPU 667MHz (Bios Ver.1.3)
2. SDRAM : 128MB NEC D45128163G5-A80-9JF(PC-100)
3. HDD : FUJITSU MHR2010AT 10GB

Temperature Recorder:

Measuring Accelerometer Position:



Point	Temp. Stage		
	50	25	0
1. HDD	65.6	42.0	18.2
2. VIA C3 Samuel 2 EPGA mobileCPU 667 MHz	62.7	38.3	13.7
3. VT 8606 Chipset	67.7	43.8	19.3
4. VT82C686B Chipset	72.6	48.8	24.6
5. VIA 1621 Chipset	70.4	46.5	22.3
6. Inside Air Temperature	76.1	51.2	26.3
7. Memory	72.5	49.0	25.2
8. Control Box. External Surface	59.3	34.4	9.5
9. Chamber Air Temperature	50.4	25.6	0.8

Test Result:

Passed.

The AEC-6000 Rev:B (GENE-6310 A1.1) meets temperature cycle test

AEC-6000 Rev :B (GENE-6310 A1.1)

Test Date: 05-20-2003

Test Product: AEC-6000 ver:B (GENE-6310 A1.1)

Test Site: AAEON DV Internal Lab.

Performed By : Rex Chang

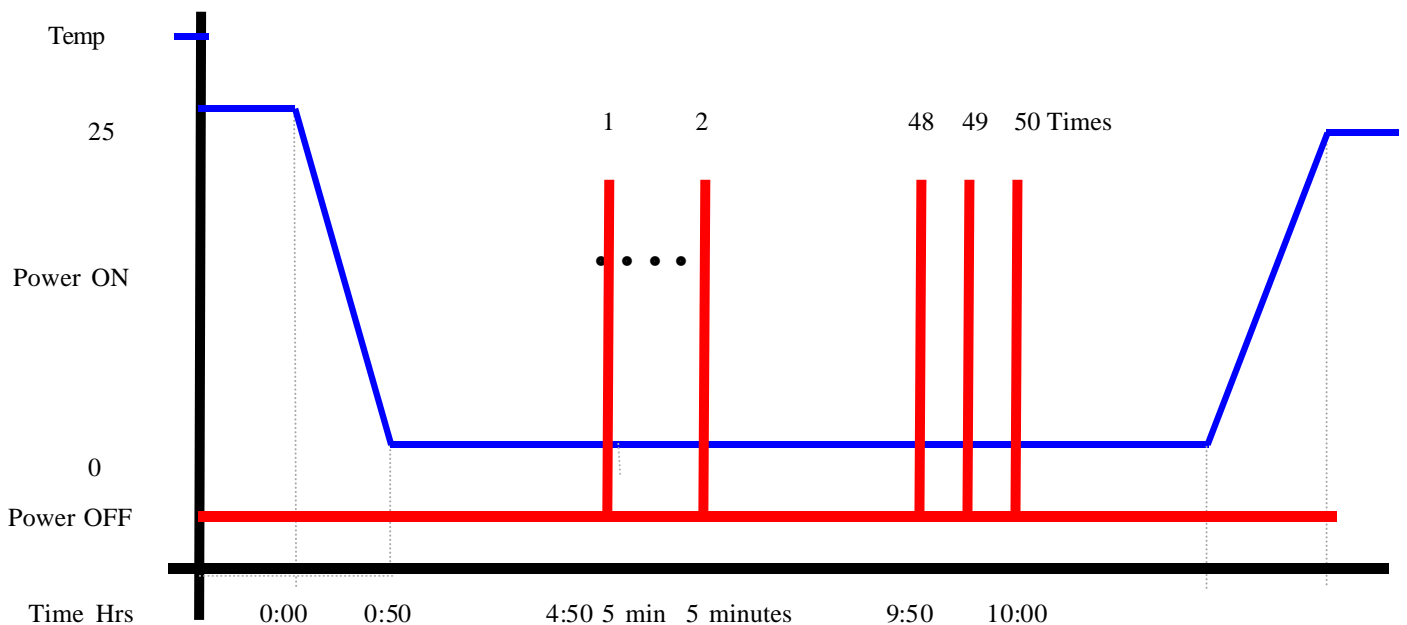
Test Standard : Reference IEC 68-2-1 Testing procedures
Test Ab : Cold Test

Test Equipment:

Programmable Temperature & Humidity Chamber
K.SON. INS. TECH. CORP.
Model : THS-D4H+-100
Date of Calibration : 06/07/02
Serial Number: 1241

Test Condition :

1. Test Temperature : 0
2. Test Times : 5Hrs
Power off 4 hours before first time power on
Power off to next power on between 10 minutes
3. Number of test : 50 times
4. Test Software : Windows98SE
5. Test Environment Curve :





Cold Start test

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AEC-6000 Rev:B (GENE-6310 A1.1)

Sample Configuration & Quantity Under Test:

Quantity: 1

AEC-6000 Rev:B (GENE-6310 A1.1)

Test Result:

Passed.

The AEC-6000 Rev:B (GENE-6310 A1.1) meets Cold start test

AEC-6000 rev.B

Test Date: 01-21~01-24-2002

Test Product: AEC-6000 rev.B (GENE-6320 A0.3)

Test Site: AAEON DV Internal Lab.

Performed By : Rex Chang

Test Standard :

Reference IEC 68-2-61 Testing procedures
 Test Z/ABD : Climatic Sequence Test

Test Equipment:

Programmable Temperature & Humidity Chamber
 K.SON. INS. TECH. CORP.

Model : THS-D4H+-100

Date of Calibration : 06/10/01

Serial Number: 1241

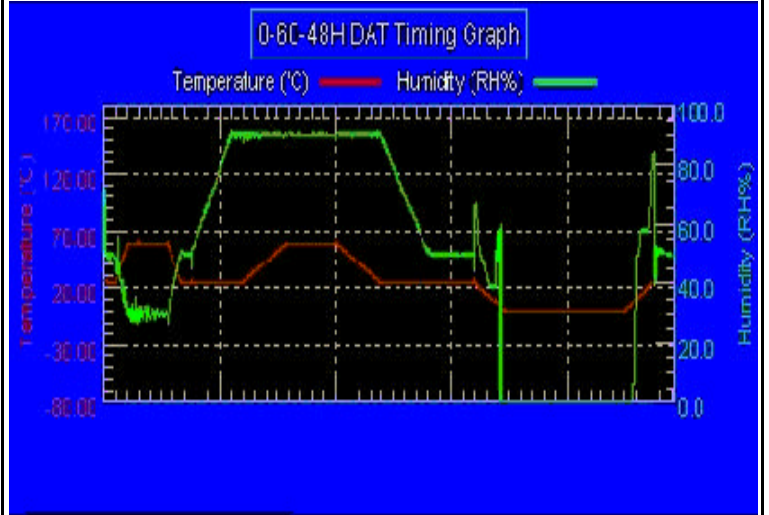
Test Item:

1. Test Software: Windows media Player (Video test soft-MPEG form HDD)
2. Test Environment Curve:

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

Test Curve:

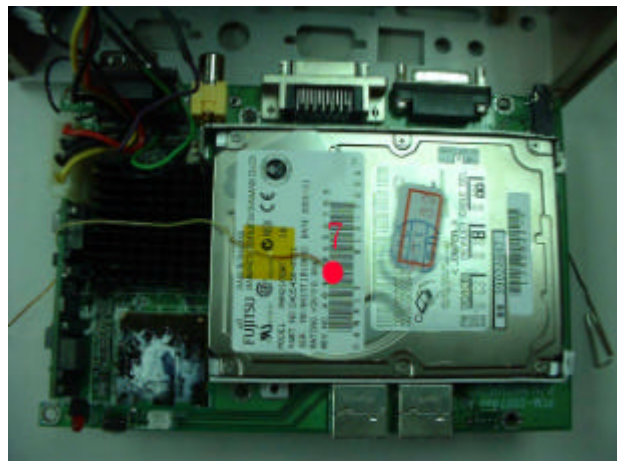
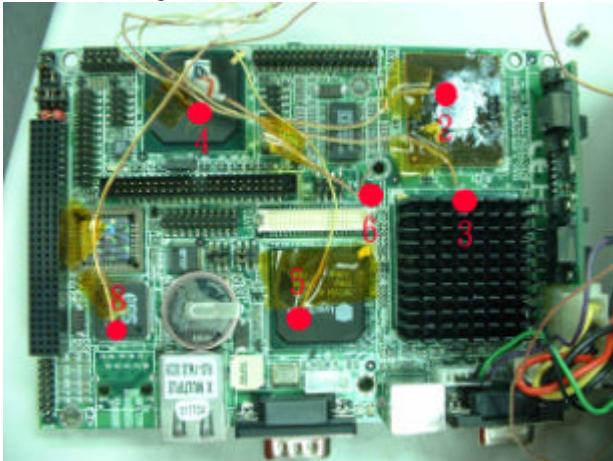


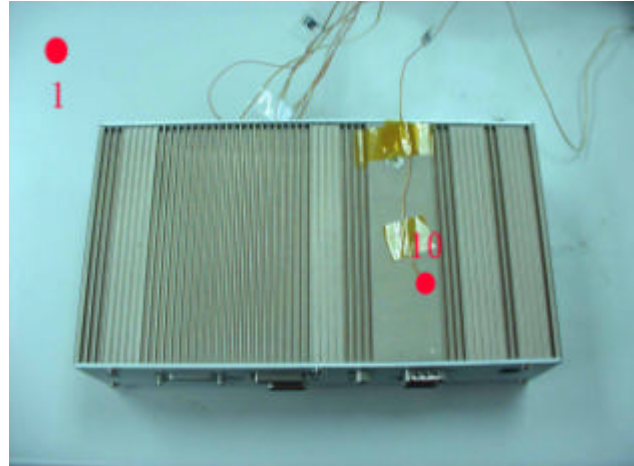
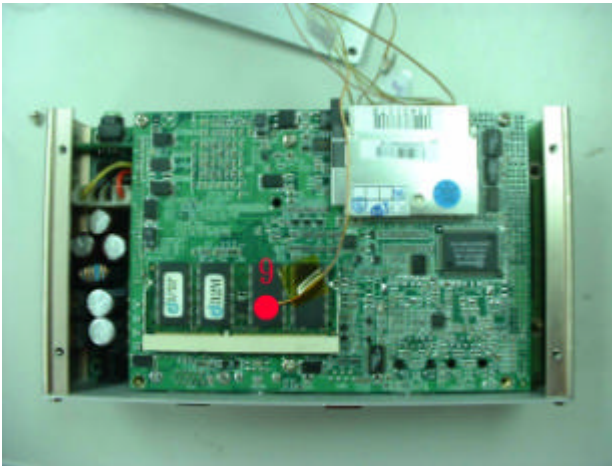
Sample Configuration & Quantity Under Test:

1. CPU : Onboard Celeron 300MHz (Bios Ver.1.0)
2. SDRAM : 32MB NEC D4584163G5-A80-9JF (PC-100)

Temperature Recorder:

Measuring Accelerometer Position:





Point	Temp. Stage		
	60	25	0
1. Chamber air temperature	60.3	25.3	0.2
2. Intel Celeron 300MHz CPU	86.7	53.4	29.3
3. Intel 82443BX Chipset	88.9	55.7	30.2
4. Intel FW82371 Chipset	85.8	53.2	29.6
5. SM722 VGA Chipset	97.9	55.5	41.5
6. Control Box. Inside air temperature	88.2	41.3	31.8
7. HDD	75.0	49.2	16.9
8. ESS Sound Chip	83.4	55.4	24.2
9. Memory	88.5	34.0	31.7
10. Control Box. External Surface	68.7	34.0	8.9

Test Result:**Passed.**

The AEC-6000 rev.B (GENE-6320 A1.0) Pocket size PC Box meets temperature cycle test