



# PCM-8500 Rev:A0.2

Intel 478 pin Pentium 4 Mobile 2.4GHz CPU

## Temperature cycle Test Report

Report NO : 03E020060

Issued by:

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09/05/2003

*Rex Chang*  
DV Engineer

Date

Reviewed by:

/

09/05/2003

*Wayne-Chen*  
A.V.P

Date

PCM-8500 Rev:A0.2  
 Test Date: 08-27~09-05-2003

Test Product: PCM-8500 Rev : A0.2

Test Site: AAEON DV Internal Lab.

Performed By : Rex Chang

Test Standard : Reference IEC 68-2-30 Testing procedures  
 Test DB : Damp Heat Test  
 Reference IEC 68-2-61 Testing procedures  
 Test Z/ABD : Climatic Sequence Test

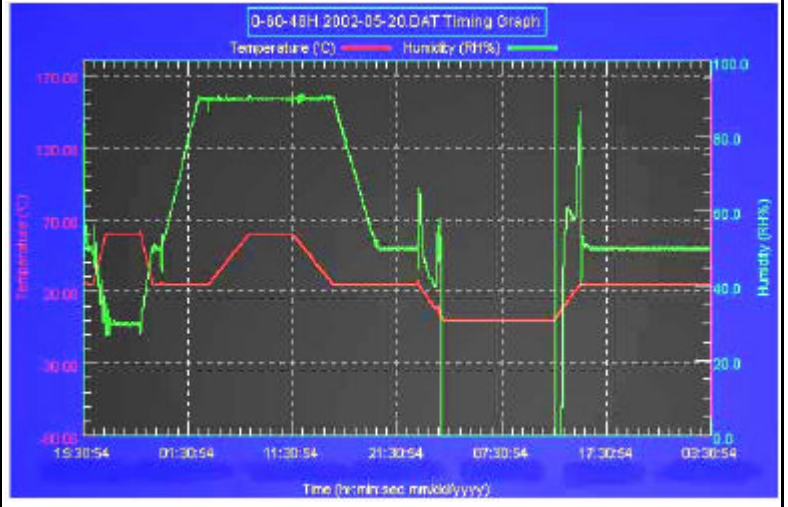
Test Equipment:  
 Programmable Temperature & Humidity Chamber  
 K.SON. INS. TECH. CORP.  
 Model : THS-D4H+-100  
 Date of Calibration : 06/03/03  
 Serial Number: 1241

### Temperature & Humidity Cycle Test:

#### 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:

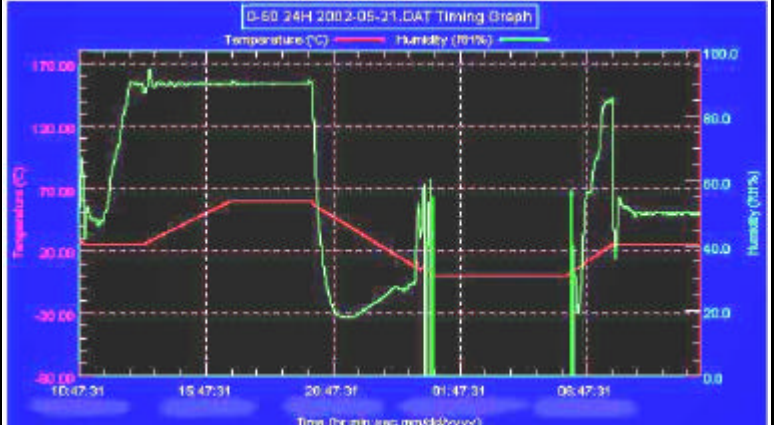


### Temperature & Humidity Power On/Off Test

#### 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

#### Test Curve:



PCM-8500 Rev:A0.2

**Sample Configuration & Quantity Under Test:**

1. CPU : Intel 478pin Pentium 4 Mobile 2.4GHz (Bios Ver.1.0)
2. SDRAM : 128MB SAMSUNG M368L1713BT1-CB0 (DDR266)
3. VGA : Intel @i845GV ,AGP 4X (Share memory up to 32MB)
4. LAN : Intel 82562 ET 10/100 Base
5. Audio : ALC 650 Codec 6 Channel, AC97
6. HDD : Quantum Fireball Plug AS 30.0GB
7. Compact Flash : M-System 8MB.
8. CPU Cooler : 1759200153

**Test Result :****Passed.**

The PCM-8500 Rev:A0.2 compact board meets temperature cycle test.



## **PCM-8500 Rev:A0.2**

Intel 478pin Pentium 4 mPGA 3.06GHz CPU

# **Temperature cycle Test Report**

**Report NO : 03E020059**

Issued by:

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**09/05/2003**

*Rex Chang*  
**DV Engineer**

**Date**

Reviewed by:

/

**09/05/2003**

*Wayne-Chen*  
**A.V.P**

**Date**

PCM-8500 Rev:A0.2  
 Test Date: 08-27~09-05-2003

Test Product: PCM-8500 Rev : A0.2

Test Site: AAEON DV Internal Lab.

Performed By : Rex Chang

Test Standard : Reference IEC 68-2-30 Testing procedures  
 Test DB : Damp Heat Test  
 Reference IEC 68-2-61 Testing procedures  
 Test Z/ABD : Climatic Sequence Test

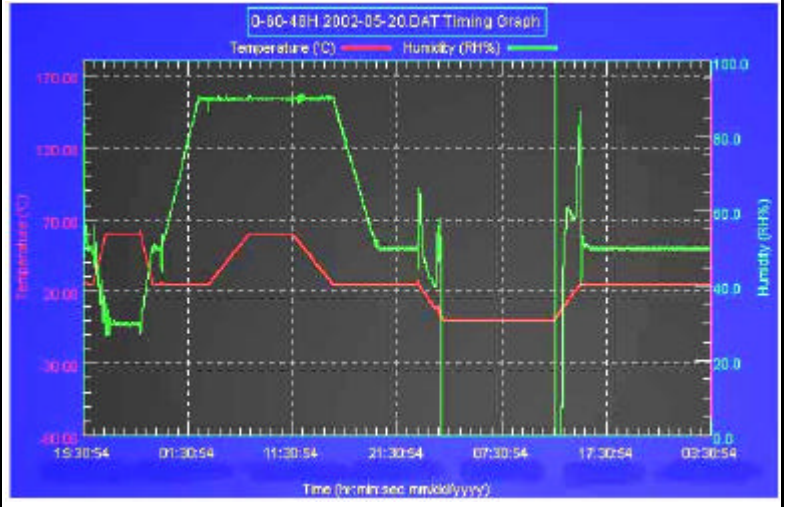
Test Equipment:  
 Programmable Temperature & Humidity Chamber  
 K.SON. INS. TECH. CORP.  
 Model : THS-D4H+-100  
 Date of Calibration : 06/03/03  
 Serial Number: 1241

### Temperature & Humidity Cycle Test:

#### 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:

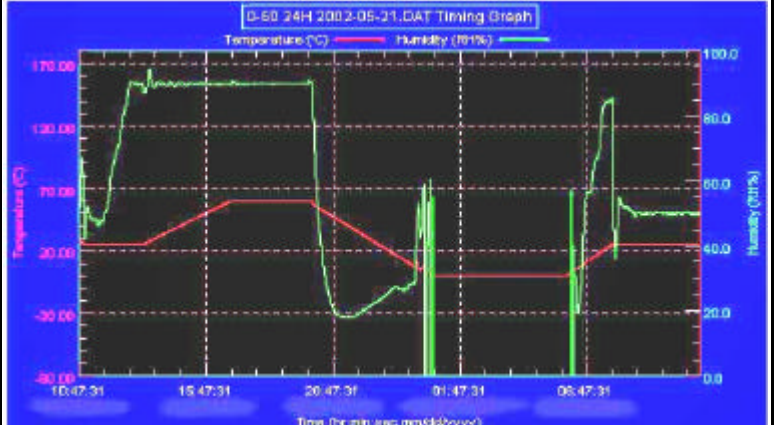


### Temperature & Humidity Power On/Off Test

#### 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

#### Test Curve:



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**Sample Configuration & Quantity Under Test:**

1. CPU : Intel 478pin Pentium 4 mPGA 3.06GHz (Bios Ver.1.0)
2. SDRAM : PQI 3D328Y6 256MB(DDR333)
3. VGA : Intel @i845GV ,AGP 4X (Share memory up to 32MB)
4. LAN : Intel 82562 ET 10/100 Base
5. Audio : ALC 650 Codec 6 Channel, AC97
6. HDD : IBM IC35L0AVV207-0 41.0GB
7. Compact Flash : PQI 64MB.
8. CPU Cooler (P/N): 1759200153

**Test Result :****Passed.**

The PCM-8500 Rev:A0.2 compact board meets temperature cycle test.