



# EMB-845M

0~50

## Temperature cycle Test Report

Report NO: 04E020034

Issued by: Rex Chang / 09/01/2004  
Test Engineer Date

Reviewed by: Wenyuan Yang / 09/01/2004  
Manager Date

EMB-845M

Test Date: 08-27~31-2004

Test Product: MB-845M Micro-ATX Motherboard Rev: N/A

Test Site: AAEON QA 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

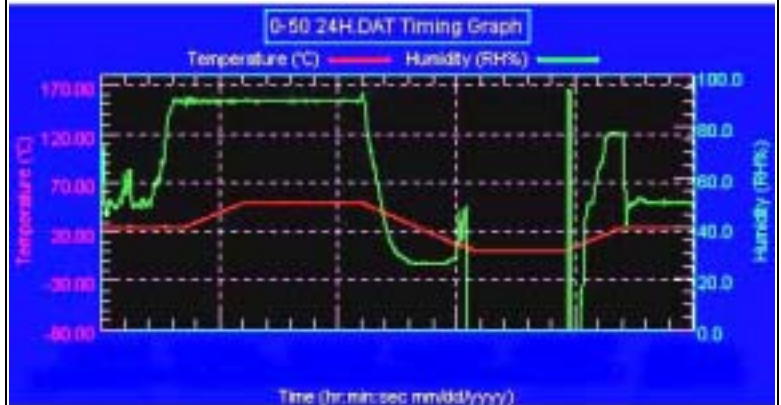
**Test Equipment:**  
 Programmable Temperature & Humidity Chamber  
 K.SON. INS. TECH. CORP.  
 Model: THS-D4H+-100  
 Date of Calibration: 05/24/04  
 Serial Number: 1241

### 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	50	90	02:30
6	50	90	04:56
7	0	0	04:42
8	0	0	03:52
9	25	50	02:30
10	25	50	03:00

#### Test Curve:

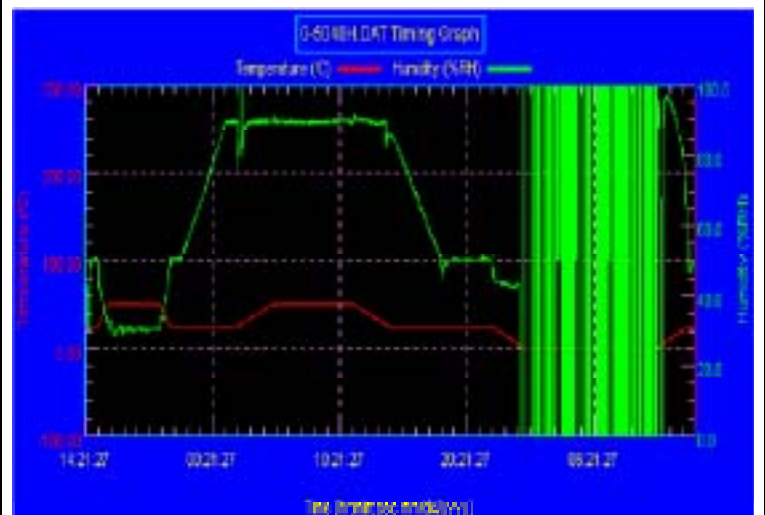


### Temperature & Humidity Cycle Test:

#### 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: Pentium 4 / 2.66GHz CPU / 1.45V(Bios Ver.A2.0)
2. SDRAM: 256MB KINGMAX KDL684J44A-60 (DDR333)
3. Chipset: Intel 845GE RG82845GV / SL6PU / 540SA106  
+ ICH4 FW403IB06 / SL6DM
4. VGA: Intel 845GE
5. LAN: Onboard VIA VT6105 LOM supports 10/100Mb Fast Ethernet
6. FDD: TEAC FD-235HF
7. HDD: Seagate ST340014A 40GB (IDE ATA100)
8. Power Supply: ZIPPY P1G-6300P
9. Heat Sink:

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