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## Test Product: IMBM-700 A0.2

### Sample Configuration & Quantity Under Test:

1. CPU: VIA C7 Eden /1.0GHz (Bios Ver.0.D)
2. Chipset: VIA CN700 / VIA VT8237R+
3. VGA: VIA CN700
4. Memory: Kingston 1GB / PROMOS V59C1512804QC25 (DDR2-533) \* 2
5. CFD: PQI 32MB
6. HDD: Maxtor 2F040L07106P1 / 40GB
7. Test Software: Windows XP / Run PassMark Burn In Test 5.1 Pro
8. ATX Power: Seventeam ST-350EAG-05G
9. CPU Cooler:



# Temp./humidity power on/off test

**Test Date:** 10-06~07-2008

**Test Site:** AAEON QA Internal Lab.

**Test Standard:** Reference IEC 68-2-30 Testing procedures  
Test Db: Damp Heat Test

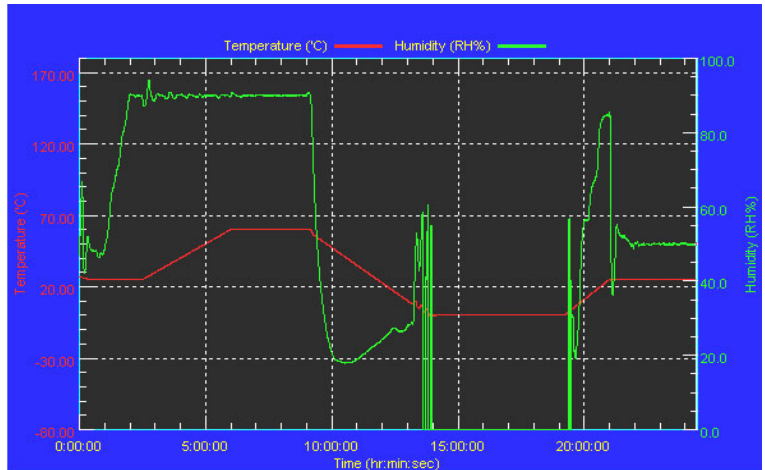
**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
K.SON. INS. TECH. CORP.  
Model: THS-B6T-150+LN2  
Date of Calibration: 04/17/08  
Serial Number: 6488KT

## Temperature & Humidity Power On/Off Test:

### Testing Specification:

Step	Temperature (°C)	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:



### Test Result:

No problem was found during the temperature & humidity power on/off test.

**Test Date:** 10-07~08-2008

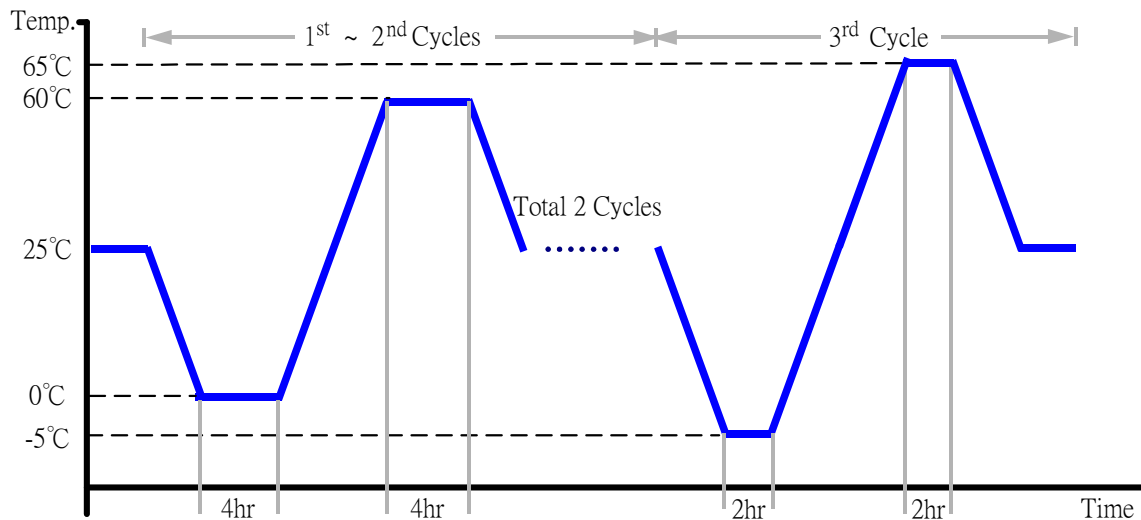
**Test Site:** AAEON QA Internal Lab.

**Test Standard:** Reference IEC 68-2-14 Testing procedures  
Test N: Change of temperature Test

**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
K.SON. INS. TECH. CORP.  
Model: THS-B6T-150+LN2  
Date of Calibration: 04/17/08  
Serial Number: 6488KT

### Temperature & Humidity Cycle Test:

1. Test Low Temperature: 0°C (1~2 cycles)  
-5°C (3<sup>rd</sup> cycle)
2. Test High Temperature: 60°C (1~3 cycles)  
65°C (3<sup>rd</sup> cycle)
3. Test dwell time: 4Hrs (1~2 cycles)  
2Hrs (3<sup>rd</sup> cycle)
4. Temperature slope: 2°C/min
5. Test cycle: 3 cycles
6. Test Environment Curve:



### Test Result:

No problem was found during the temperature variation operation test.

# Cold start and hot start test

**Test Date:** 10-09-2008

**Test Site:** AAEON QA Internal Lab.

**Test Standard:** Reference IEC 68-2-14 Testing procedures  
Test N: Change of temperature Test

**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
K.SON. INS. TECH. CORP.  
Model: THS-B6T-150+LN2  
Date of Calibration: 04/17/08  
Serial Number: 6488KT

**Test Condition:**



Parameters	Description
T1	-5°C
T2	65°C
t1	1 hrs
t2	2 hrs
t4, t5	30 min
t, t3	2°C/min
n (Cycle)	1

t,t3 = temprature slope  
t, t1: Power Off  
t2: Power on/off test 10 times (on 2 min / off 5min)  
t3,t4: Run PassMark Burn In Test  
t5: Win XP Software restart test 2 times  
Test Software: Windows XP

**Test Result:**

- a. No problem was found during the cold start test.
- b. No problem was found during the hot start test.