



GENE-1425 Rev: A0.2

**Test Date:** 12-29-2004 ~ 01-02-2005

**Test Product:** GENE-1425 Rev: A0.2

**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

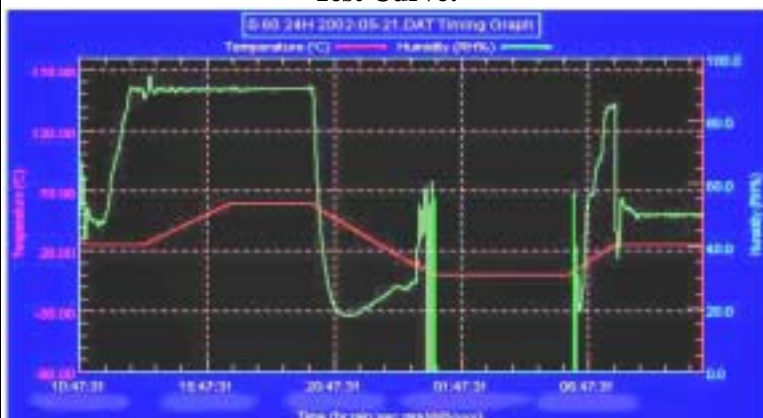
**Test Equipment:**  
 Programmable Temperature & Humidity Chamber  
 K.SON. INS. TECH. CORP.  
 Model: THS-D4H+-100  
 Date of Calibration: 05/24/04  
 Serial Number: 1241

### 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    | 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:

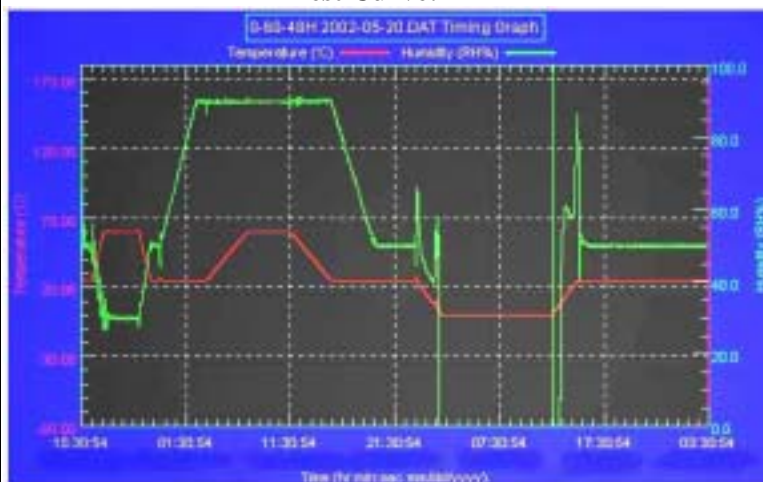


### Temperature & Humidity Cycle Test:

#### 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:



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## Sample Configuration & Quantity Under Test:

### GENE-1425 A0.2

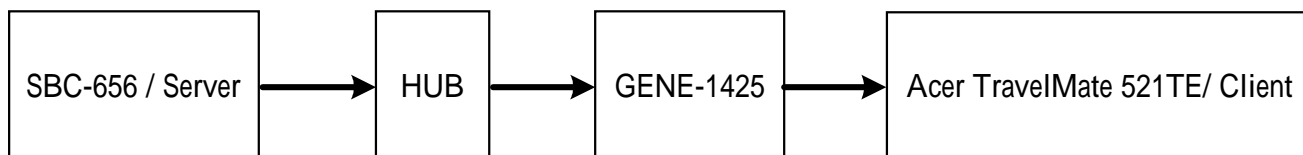
1. CPU: Onboard Intel IXP420
2. SDRAM: Onboard 32MB ELPIDA D45128163G5-A75-9JF SDRAM
3. LAN: Realtek RTL-8305SC 10/100 MB \* 1  
Intel GD82559 \* 1
4. Flash Memory: Onboard 16MB Strata Flash Memory (Intel TE28F128)
5. Power Adapter: EDAC EA10201
6. Test O.S.: Montavista Linux 3.1 Pro (Kernel Ver: 2.4.20)
7. Test Software: Memtest Ver: 2.93.1 + Windows 2000 Run one Microsoft media player simultaneously.

### Test Server

1. CPU Board: SBC-656
2. CPU: Celeron 533MHz CPU
3. Memory: 128MB ELPIDA D45128163G5-A75-9JF
4. LAN: Realtek RTL8139A

### Test Client

Acer TravelMate 521TE Note Book



### Test Result:

**Passed.**