

Temperature cycle test

Test Date: 06-06~15-2006

Test Product: GENE-1270 B0.2

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

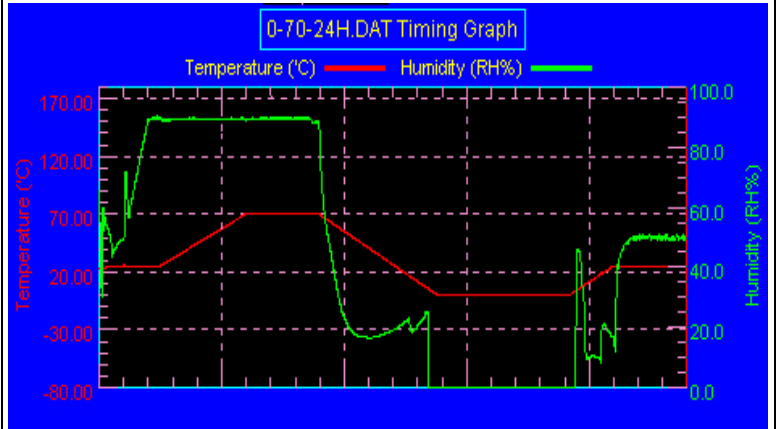
Test Equipment:
 Programmable Temperature & Humidity Chamber
 K.SON. INS. TECH. CORP.
 Model: THS-D4L+-100
 Date of Calibration: 11/21/05
 Serial Number: 2582

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	70	90	03:30
6	70	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:

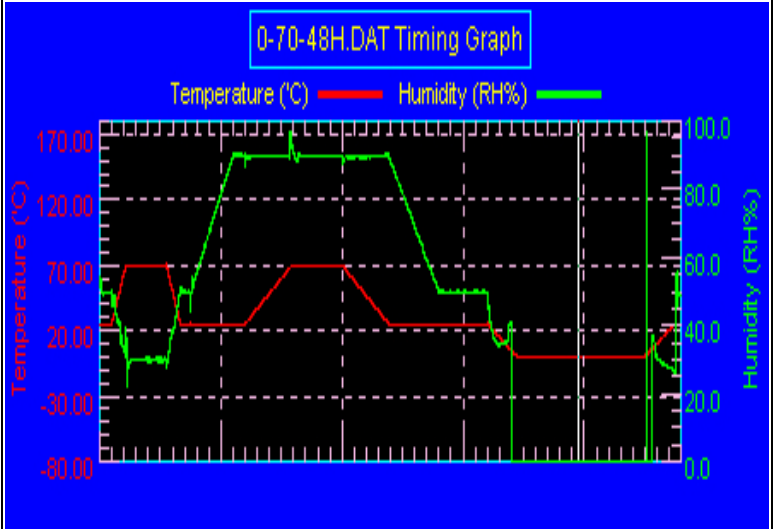


Temperature & Humidity Cycle Test:

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1	25	50	00:30
2	25	50	00:30
3	70	30	01:10
4	70	30	03:20
5	25	50	01:10
6	25	50	00:50
7	25	90	03:30
8	25	90	01:00
9	70	90	03:53
10	70	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:

Sample 1:

1. CPU: Onboard Intel XSCALE PXA270 / 520MHz
2. Memory: 128MB Infineon HYB18L512160BF-7.5
3. VGA: Onboard Intel 2700G5
4. LAN: Davicon DM9000AEP 10/100 Base-T
5. Test Software: Windows CE 5.0 / TCPMP 0.70 Player MPEG file from Flash
6. AT Power Supply: Seasonic SSG-250G
7. USB Mouse: Good Vision H3003-HMS8100

Sample 2:

1. CPU: Onboard Intel XSCALE PXA270 / 520MHz
2. Memory: 128MB Infineon HYB18L512160BF-7.5
3. VGA: Onboard Intel XSCALE PXA270
4. LAN: Davicon DM9000AEP 10/100 Base-T
5. Test Software: Windows CE 5.0
/ Windows Media Player 9.0 Player MPEG file from Flash
6. AT Power Supply: Seasonic SSG-250G
7. USB Mouse: Good Vision H3003-HMS8100

Test Result:

Sample 1:

1. Temperature & Humidity Power On/Off Test:

No problem was found during the temperature & humidity cycle test.

2. Temperature & Humidity Power Cycle Test:

No problem was found during the temperature & humidity cycle test.

Sample 2:

1. Temperature & Humidity Power On/Off Test:

No problem was found during the temperature & humidity cycle test.

2. Temperature & Humidity Power Cycle Test:

No problem was found during the temperature & humidity cycle test.