



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

OPD-215

Temperature / Humidity Test Report

Issued by:

Rex Chang
QE Engineer

/

03/22/2002

Date

Reviewed by:

Wen - Yuan Yang
QE Manager

/

03/22/2002

Date

1. Test Product: 15" TFT LCD Display
2. Model Name: OPD-215
3. Test Date: 03-20-2002
4. Test Site: AAEON QA Internal Lab.
5. Test Equipment

Type	MFR	Model Number	Serial Number	Last CAL.
Programmable Temperature & Humidity Chamber	KSON	THS-D4H+-100	2582	10/29/01

6. Test Standard:

NO.	Description
IEC 68-2-61	<u>Test Z/ABD : Climatic Sequence Test</u>
N/A	Power ON/OFF 50 Times at 0

7. Testing Item:

Temperature & Humidity Cycle
 Test 0 Power On/Off Test

8. Additional Test Peripheral:

Configuration	Model
Test O.S.	Win98SE
Test Software	PassMark BurnIn Test Pro v2.2
Test Fixture	Power on/off(110V) Fixture

8. Test Environment:

Temperature: 20 ± 2
 Humidity: 60 ± 20%RH

9. Sample Configuration & Quantity Under Test:

Quantity: 1
 Sample Configuration:

Component	Model Name	Temperature		Humidity	
		Operation	Storage	Operation	Storage
15" LCD	Fujitsu FLC38XGC6V-06	0 ~ 50	-20 ~ 60	25 ~85%RH	5 ~85%RH
15" Touch Screen	ELO SCN-AT- FLT15.1-001-OH1	-10 ~ 50	-40 ~ 71	90%RH at 35	90%RH at 35
Inverter	SI JING HARNG 8592F-01	0 ~ 50	-10 ~ 85	90%MAX R.H.	95%MAX R.H.
LCD Controller Board	Micro MTC-V03	0 ~ 60	-40 ~ 71	—	

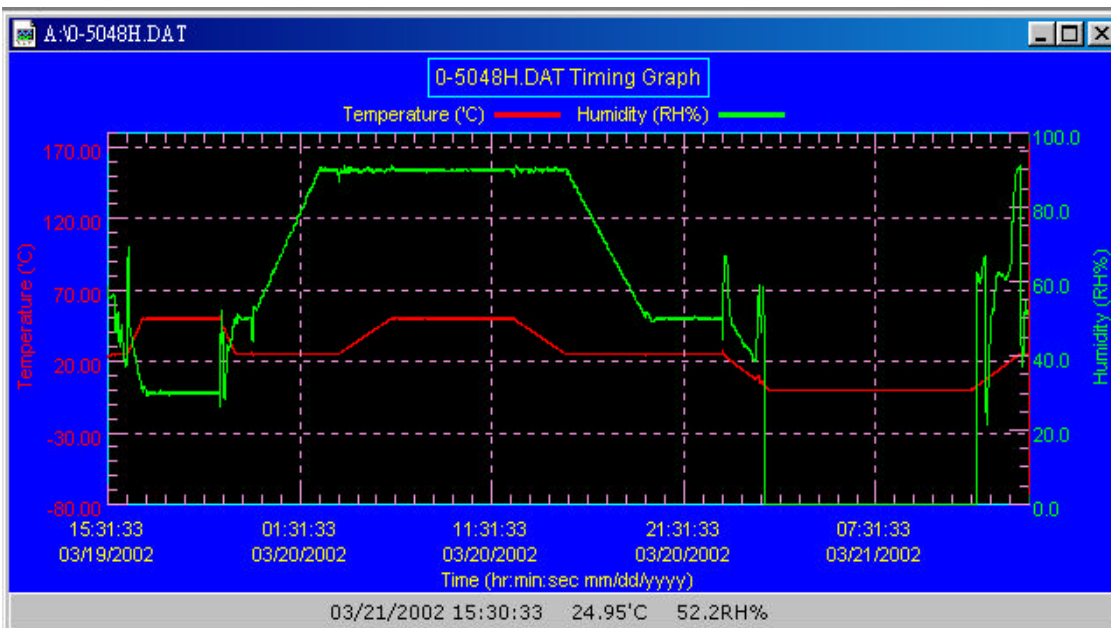
10. Test Result:

Standard	Description	Result
IEC 68-2-61	Temperature & Humidity Cycle Test (Run PassMark BurnIn Test Pro v2.2)	Pass
N/A	Power ON/OFF 50 Times at 0	Pass

11. Temperature & Humidity Cycle Test:
11-1 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

11-2 Test Curve:



12. Power ON/OFF 50 Times at 0 :

11-1 Testing Specification:

Step	Temperature ()	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:10
2	25	50	00:20
3	0	0	01:30
4	0	0	01:00
5	25	0	01:30
6	25	50	00:30

11-2 Test Curve:

