

ISO-9001 Certified
ISO-14000 Certified
ISO-17025 Certified
ADVANTECH CO., LTD.

QA Test Report

TPC-650

(Product Reliability Test)

Report No : 03S012A0

Report Date : March 20, 2003

Issue Stamp

Chi-Horng Liao
Manager of QA Department

Charles Chang
Approval

Knight Hu
Test Engineer

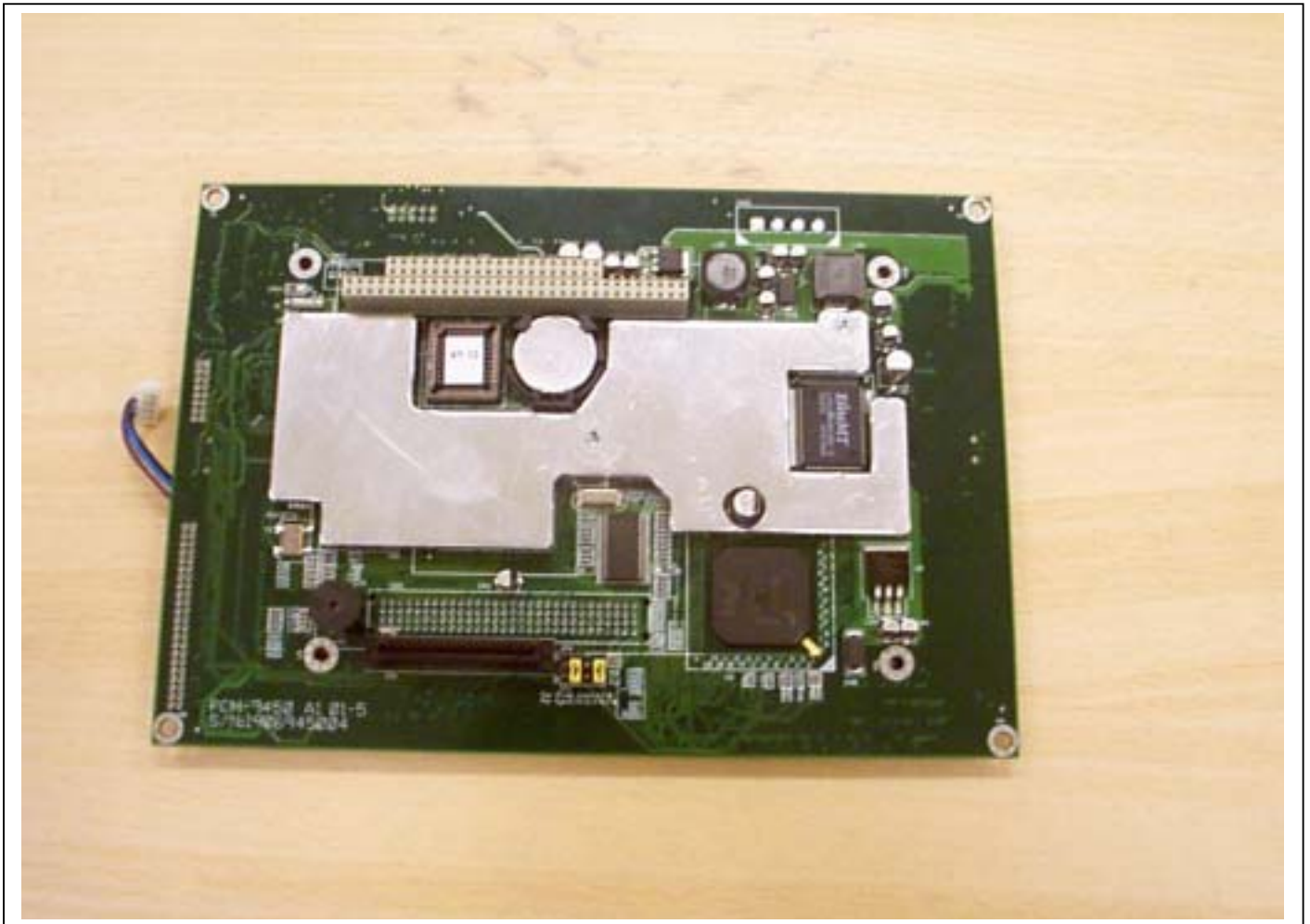
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QA Lab Reliability test

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QA Lab Reliability test

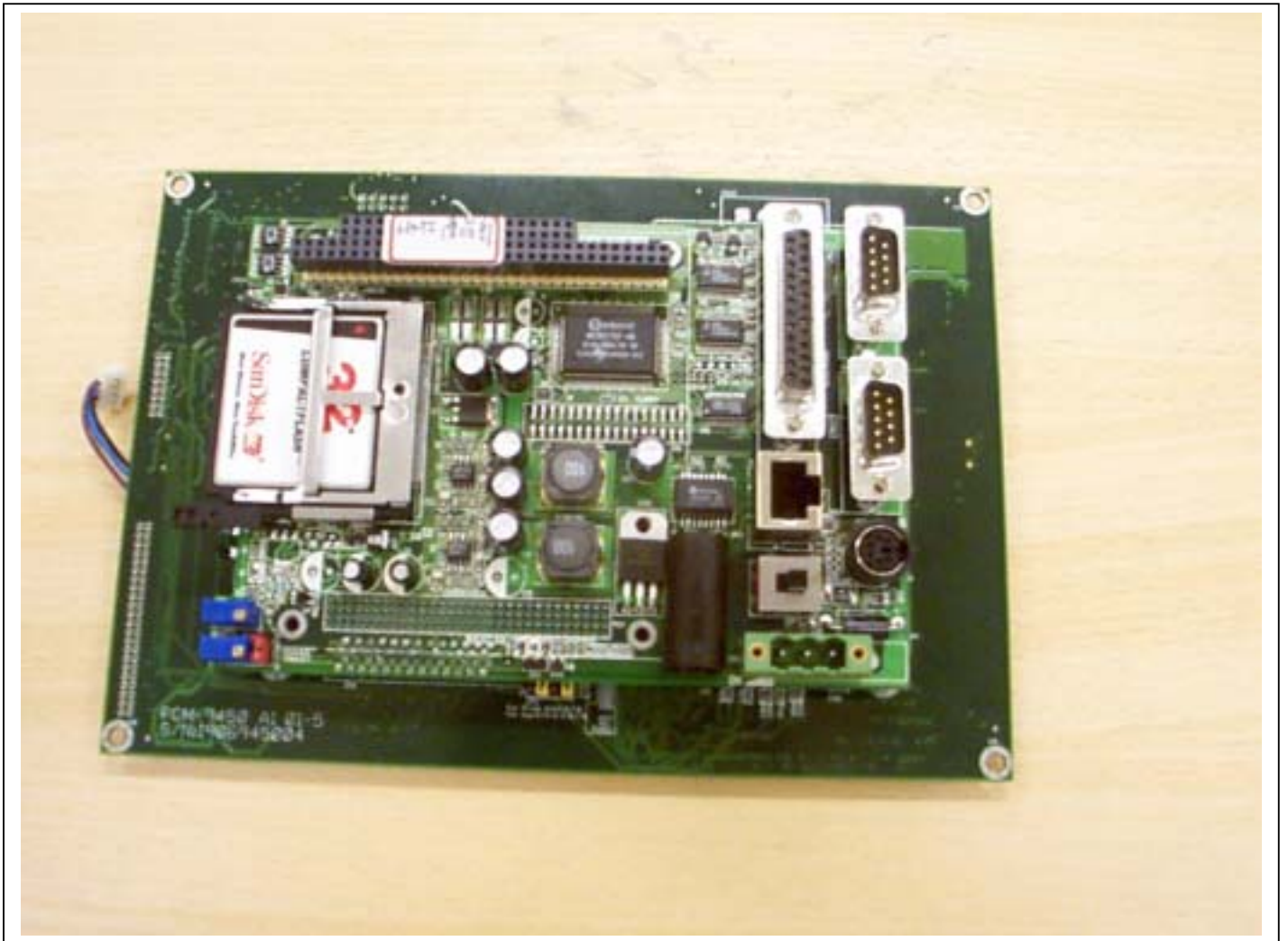
Photo I:



PCM-9450 A1 01-5 with heatsink

QA Lab Reliability test

Photo II:



PCM-9450-102 A1 01-04 with CF 32MB

QA Lab Reliability test

Photo III:



PCM-9450 A1 01-5 with heatsink with case

QA Lab Reliability test

Photo IV:



LCD with inverter

QA Lab Reliability test

Photo V:



TPC-650 front view

QA Lab Reliability test

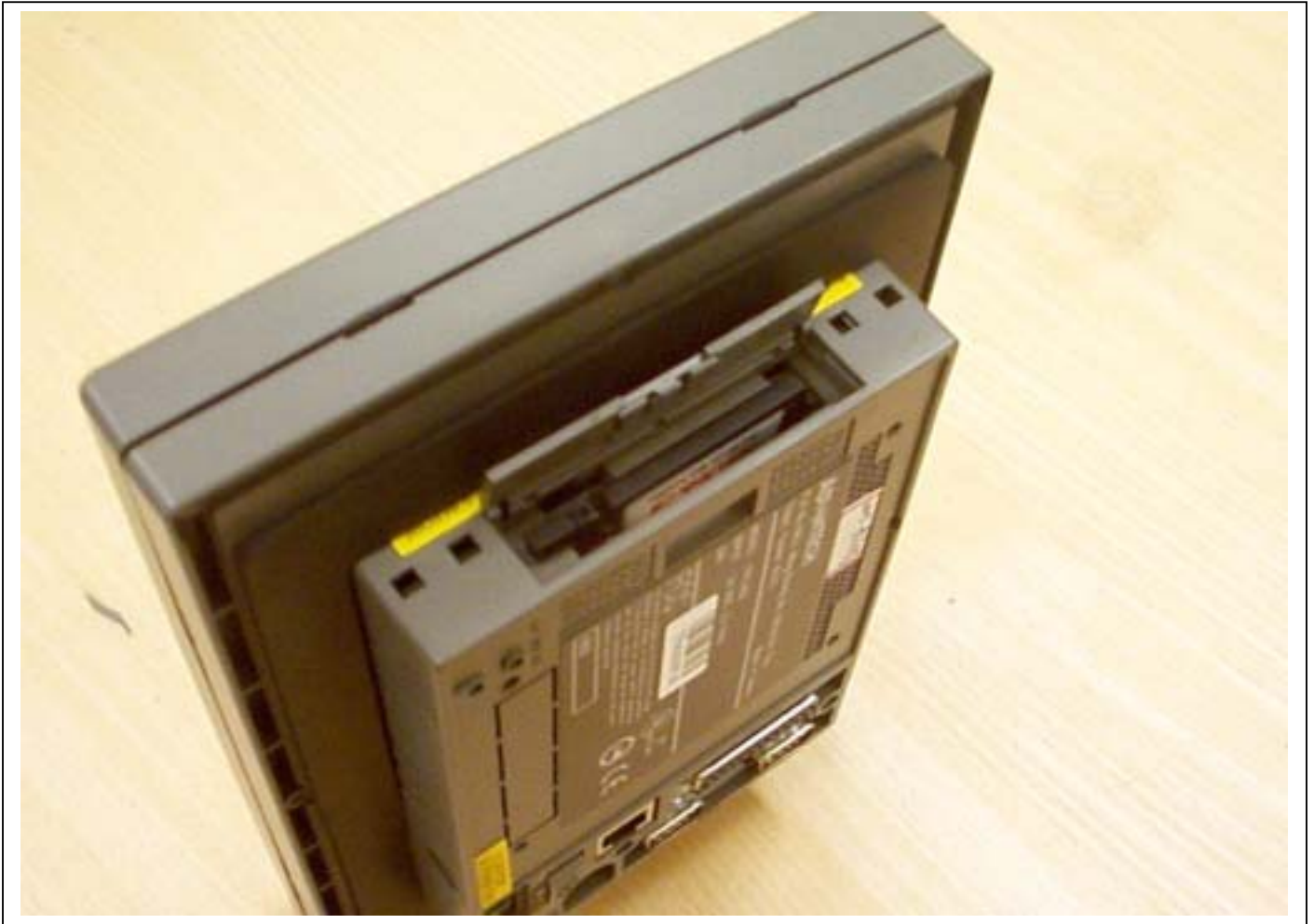
Photo VI:



TPC-650 rear view

QA Lab Reliability test

Photo VII:



TPC-650 left view

QA Lab Reliability test

Test Date : February 28, 2003 ~ March 1, 2003

Test Site : Advantech QA Environment Lab

Performed By: Knight Hu

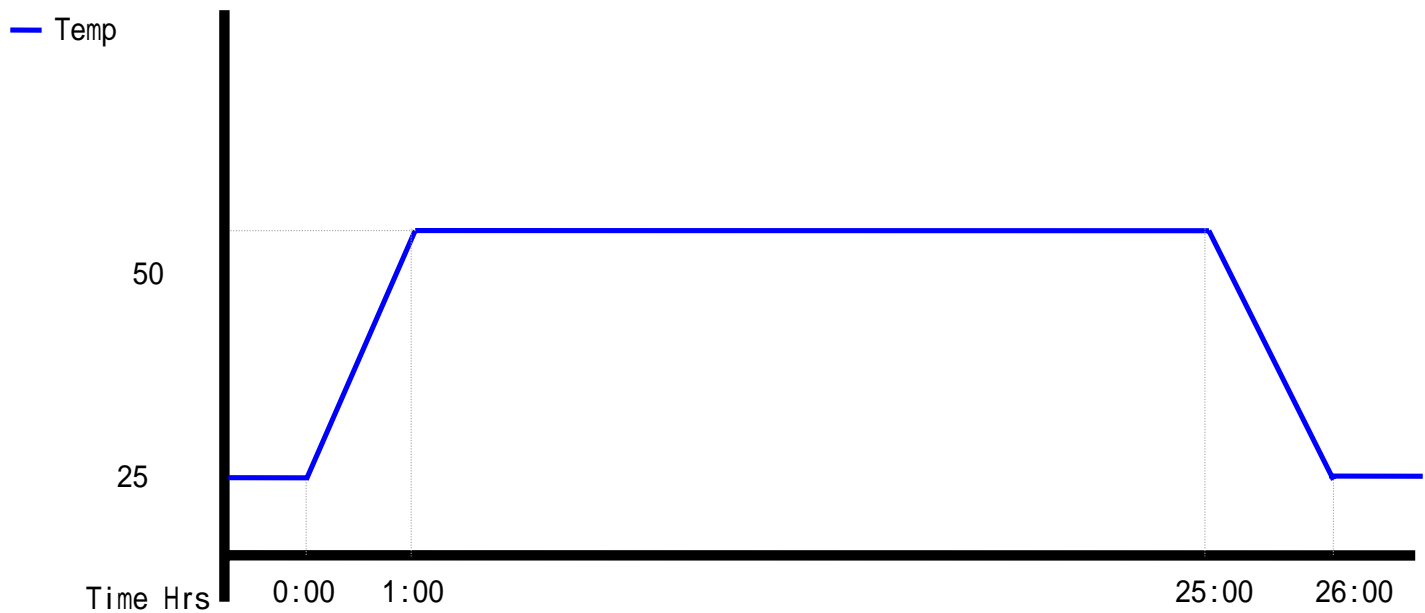
Purpose : The NPDP test.

Test Standard : Reference IEC68-2-2 Testing procedures

Test Bb : Dry Heat Test

Test Condition :

1. Test Temperature : 50
2. Test Times : 24Hrs
3. Test Software : Running Test Program in Win-CE
4. Test Environment Curve :



Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. CO. LTD.
Model : THS-DL4+/-100
Date of Calibration : 5/21/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC 11 meets high temperature operation test.

TPC-650 Low Temperature Operation Test Report No.03S012A0

QA Lab Reliability test

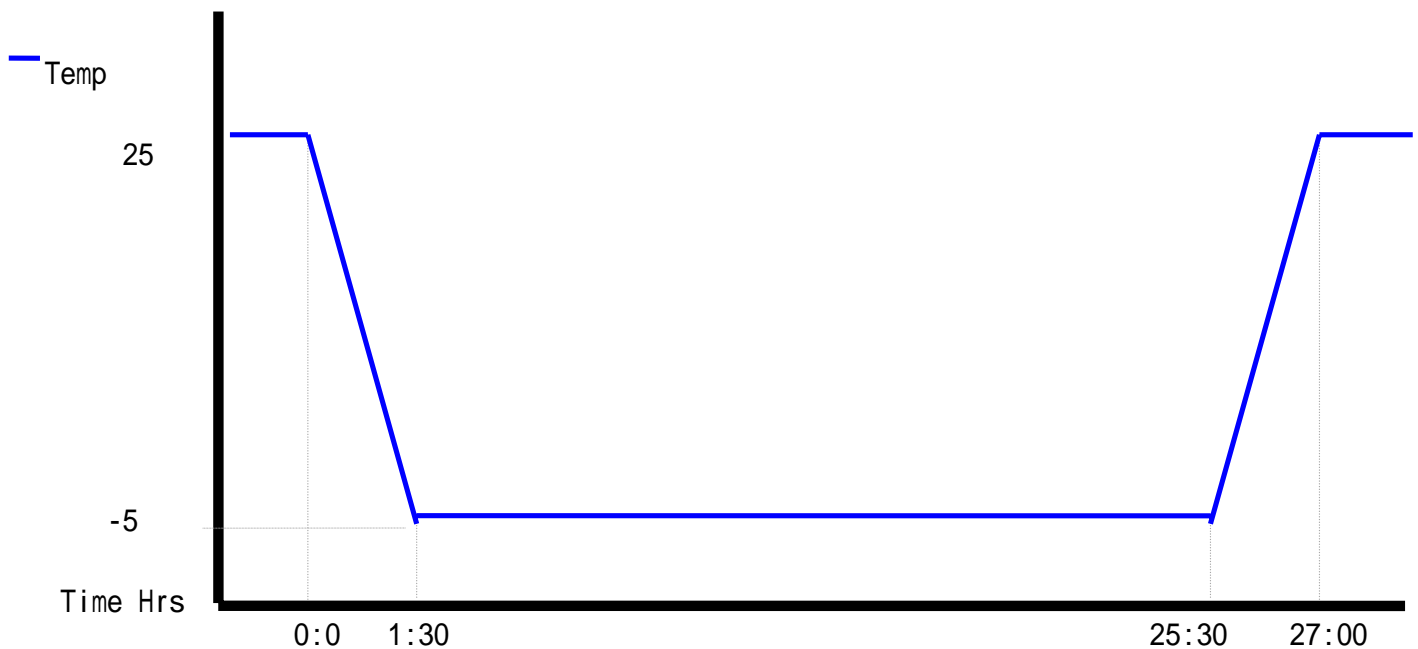
Test Date : March 1, 2003 ~ March 3, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-1 Testing procedures
Test Ab : Cold Test

Test Condition :

1. Test Temperature : -5
2. Test Times : 24Hrs
3. Test Software : Running Test Program in Win-CE
4. Test Environment Curve :



TPC-650 **Low Temperature Operation Test** Report No.03S012A0

QA Lab Reliability test

Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. CO. LTD.
Model : THS-DL4+/-100
Date of Calibration : 5/21/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC ₁₃ meets low temperature operation test.

QA Lab Reliability test

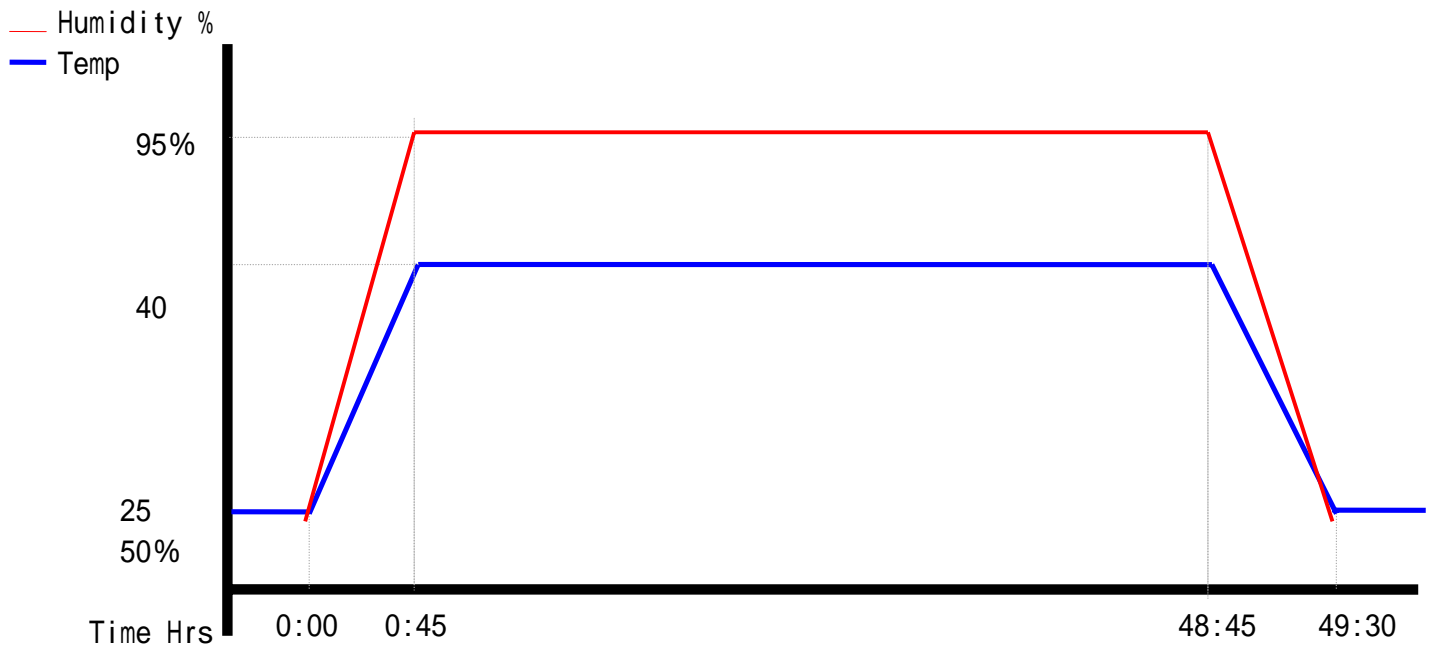
Test Date: March 3, 2003 ~ March 5, 2003
Test Site: Advantech QA Environment Lab
Performed By: Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-56 Testing procedures
 Test Cb : Damp Heat Steady State Test

Test Condition :

1. Test Temperature : 40
2. Test Humidity : 95%
3. Test Times : 48Hrs
4. Test Software : Running Test Program in Win-CE
5. Test Environment Curve :



QA Lab Reliability test

Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. CO. LTD.
Model : THS-DL4+/-100
Date of Calibration : 5/21/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC ₁₅ meets humidity operation test.

QA Lab Reliability test

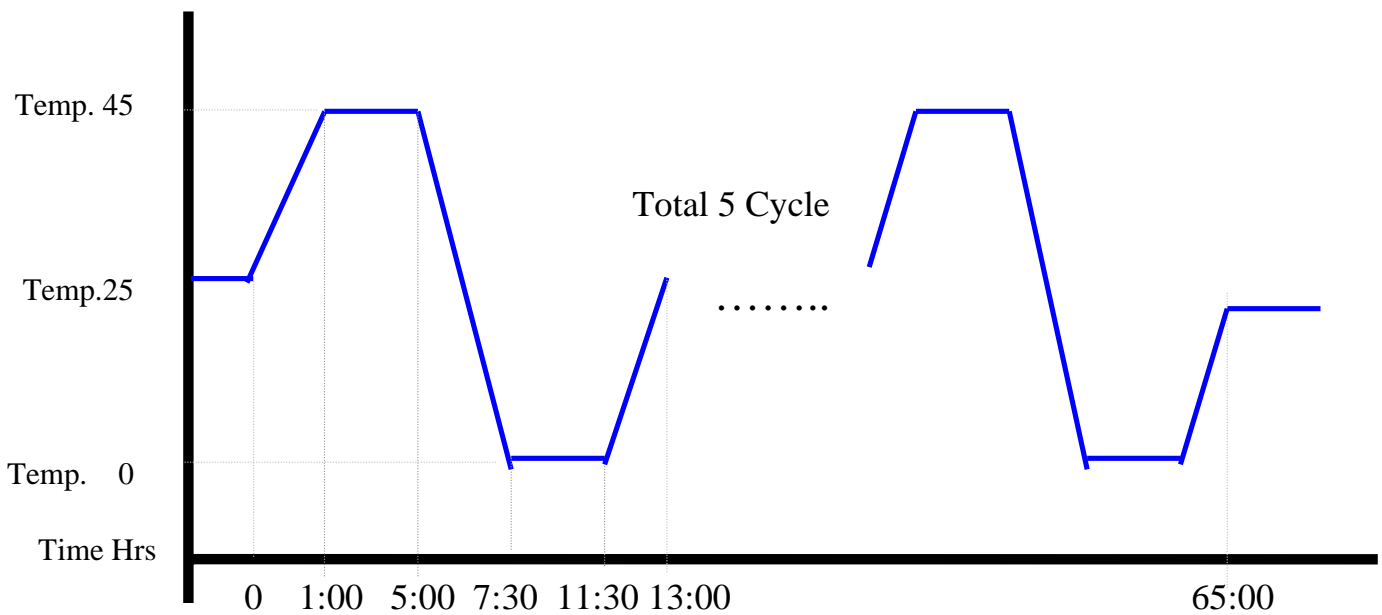
Test Date : March 7, 2003 ~ March 10, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-14 Testing procedures
 Test N: Change of temperature Test

Test Condition :

1. Test High Temperature: 45
2. Test Low Temperature: 0
3. Test dwell time: 4Hrs
4. Temperature slope: 20 /hr
5. Test cycle: 5 cycles
6. Test Software : Running Test Program in Win-CE
7. Test Environment Curve:



QA Lab Reliability test

Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. CO. LTD.
Model : THS-DL4+/-100
Date of Calibration : 5/21/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system function must have properly test program to test and passed this test.
2. Running OS for Win-CE the system cannot have degradation of the performance.

Mechanical function check:

1. The switch button ,covers ,slot can work properly without any interference.
2. All screws are tighten up appropriately

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC meets the temperature cycle test.

QA Lab Reliability test

Test Date : March 5, 2003 ~ March 6, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-2 Testing procedures
Test Bb : Dry Heat Test

Test Condition :

1. Test Temperature: 25 /45 /50
2. Test Times: Each temperature 3Hrs
3. Test Software : Running Test Program in Win-CE

Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. INS. Tech. Corp..
Model : THS-DL4 +-100
Date of Calibration : 05/21/2002

DATA LOGGER
YOKOGAWA CO. LTD.
Model : uP-1800
S/N : 47XS0063
Date of Calibration : 08/8/2002

QA Lab Reliability test

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.

Test Data :

NUM	Parts List	25	45	50
1	Intel Pentium 166MHz	69.3	87.9	92.9
2	CHIPS B69000	66.4	85.1	90.2
3	Intel PCIset FW82371EB	64.6	83.1	88.4
4	EliteMT LP61G6464BFEB	62.6	81.4	86.6
5	Intel PCIset FW82439TX	68.2	88.2	90.1
6	W43687-04H	66.2	85.8	90.8
7	Winbond W24L257AJ-12	64.0	82.2	87.4
8	XILINX XC9536	75.8	93.8	98.7
9	Winbond W83977EF-AW	59.1	78.0	83.1
10	Ambient	26.0	45.1	50.2

QA Lab Reliability test

Test Result :

There is no damage in electronic and mechanical functions.

Degradation has not been found.

Performance is maintained with no incurable physical damage or degradation.

Conclusion :

Passed.

The TPC-650 Touch panel PC meets thermal profile test.

QA Lab Reliability test

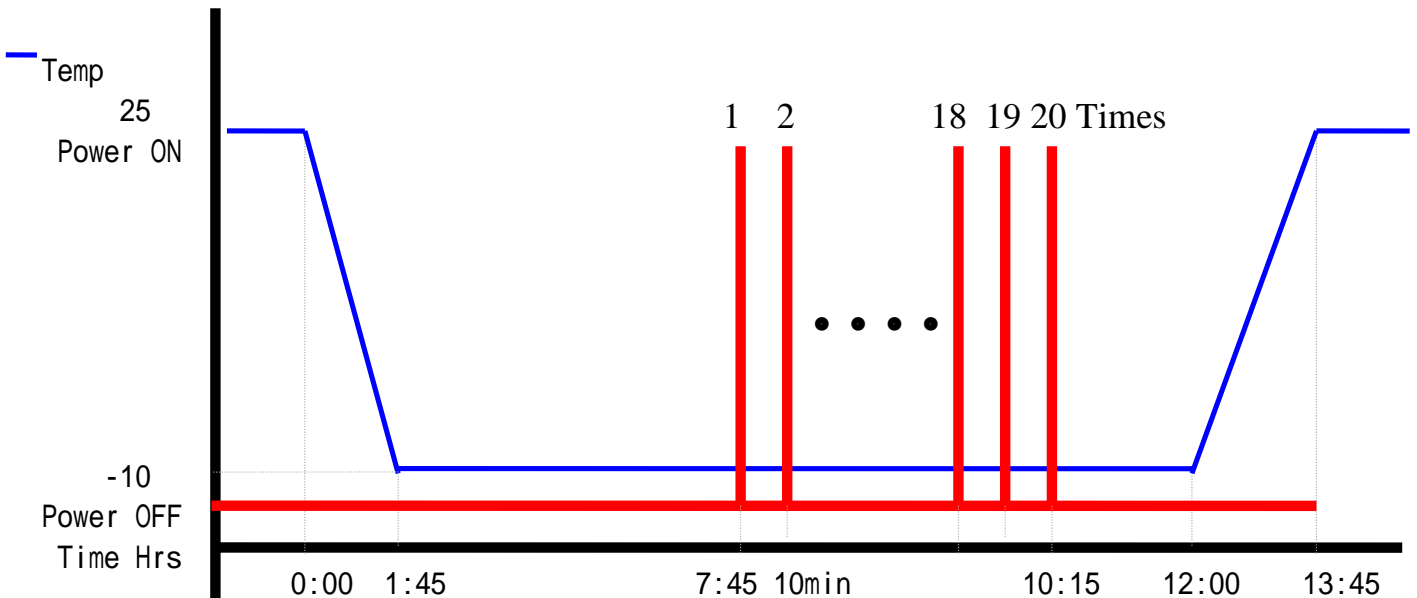
Test Date : March 10,2003 ~ March 11,2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-1 Testing procedures
 Test Ab : Cold Test

Test Condition :

1. Test Temperature : -10
2. Test Times : 10Hrs
 - Step: A.System power off 6 hours.
 - B.System power on, then 2 minutes later, system power off.
 - C.After 10 minutes, system power on again.
 - D.Two minutes later, system power off again.
 - E.Recycle step C& D for 20 times.
3. Number of test : 20 times
4. Test Software : Win-CE
5. Test Environment Curve :



QA Lab Reliability test

Test Equipment : Programmable Temperature & Humidity Chamber
GIANT FORCE
Model : GTH-408401P
Date of Calibration : 04/17/2001

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.

Test Result :

There is no damage in electronic and mechanical functions.
Degradation has not been found.
Performance is maintained with no incurable physical damage or degradation.

QA Lab Reliability test

Conclusion :

Passed.

The TPC-650 Touch panel PC meets cold start test.

QA Lab Reliability test

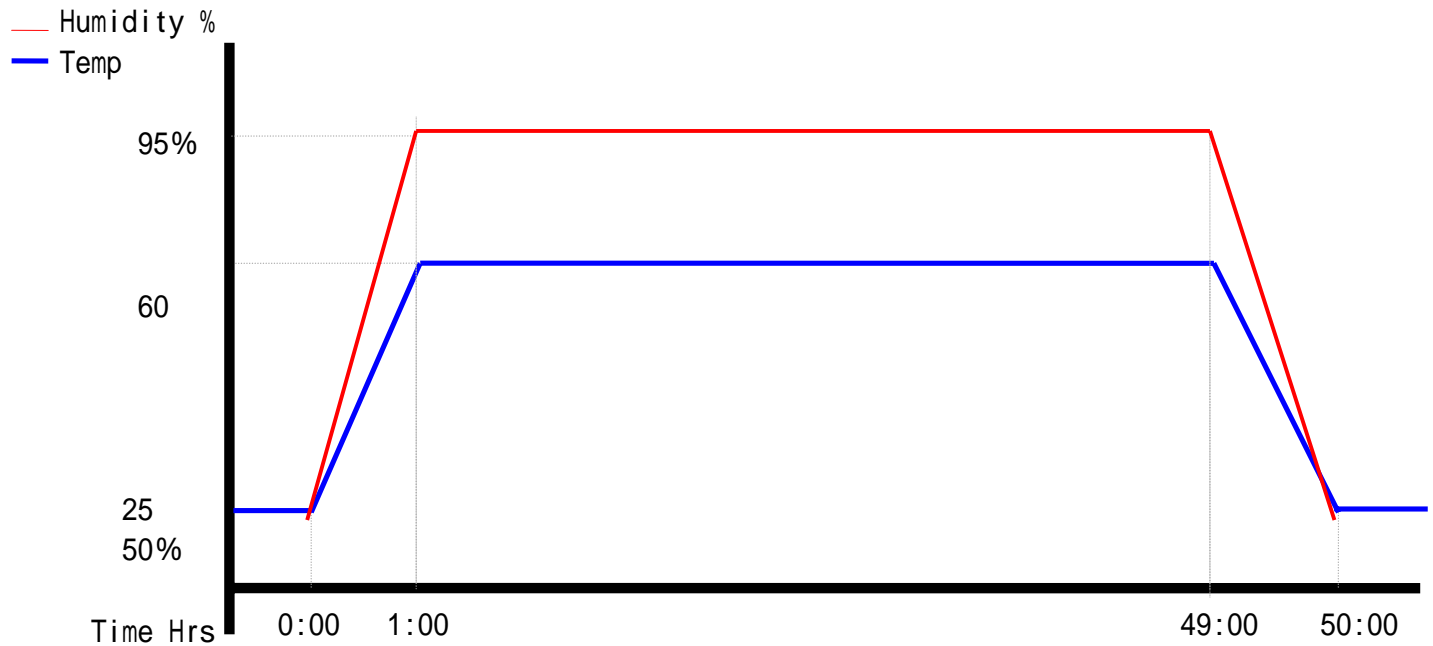
Test Date : March 12, 2003 ~ March 14,2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-3 Testing procedures
Test Ca : Damp heat steady state test

Test Condition :

- 2. Test Temperature : 60
- 3. Test Humidity : 95%
- 3. Test Times : 48Hrs
- 4. Test Software : Running test program in Win-CE
- 5. Test Environment Curve :



Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. CO. LTD.
Model : THS-DL4+/-100
Date of Calibration : 5/21/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system function must have properly test program to test and passed this test.
2. Running OS for WinCE the system cannot have degradation of the performance.

Mechanical function check:

- 1.The switch button ,covers ,slot can work properly without any interference.
- 2.All screws are tighten up appropriately.
- 3.All gaps on the surface are appropriately.
- 4.Assembling/disassembling the system enclosure or mechanical parts must be smooth ,and no deformed parts found.

No.03S012A0

QA Lab Reliability test

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC meets high temperature and humidity storage test.

QA Lab Reliability test

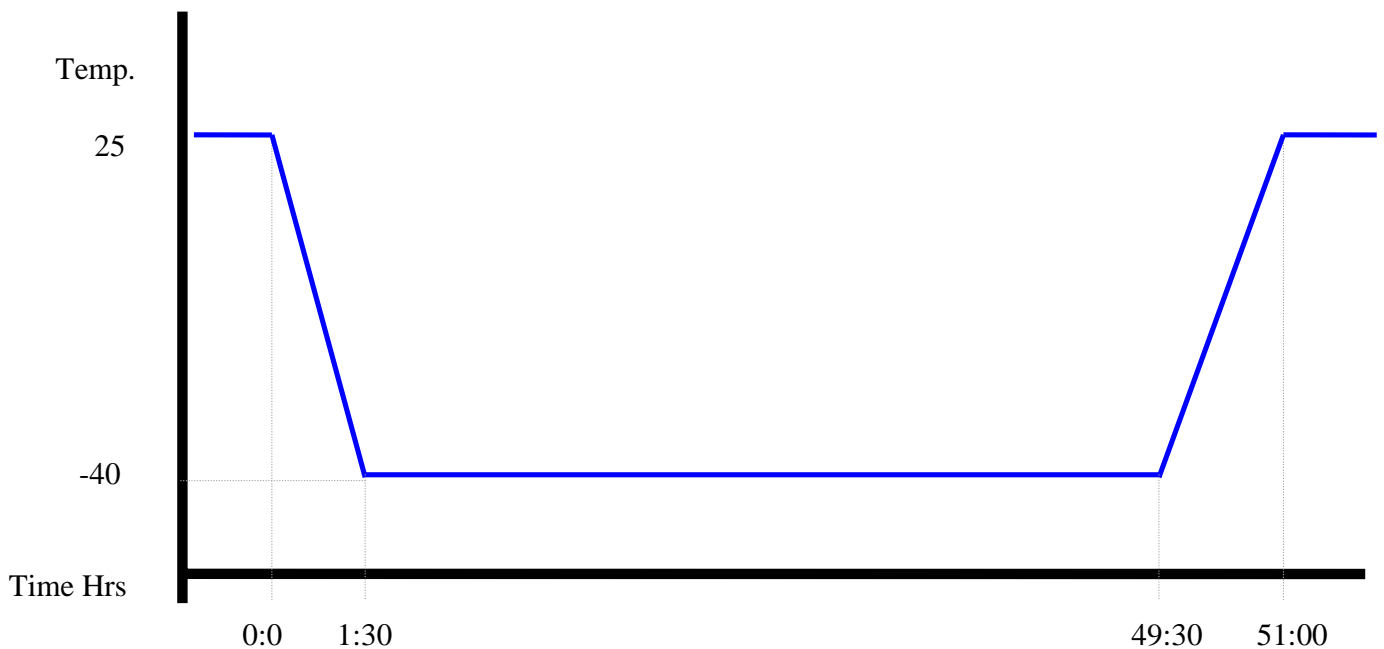
Test Date : March 14,2003 March 16,2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-1 Testing procedures
 Test Ab : Cold Test

Test Condition :

1. Test Temperature : -40
2. Test Times : 48Hrs
3. Test Environment Curve :



Test Equipment : Programmable Temperature & Humidity Chamber
K.SON. CO. LTD.
Model : THS-DL4+/-100
Date of Calibration : 5/21/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system function must have properly test program to test and passed this test.
2. Running OS for WinCE the system cannot have degradation of the performance.

Mechanical function check:

- 1.The switch button ,covers ,slot can work properly without any interference.
- 2.All screws are tighten up appropriately.
- 3.All gaps on the surface are appropriately.
- 4.Assembling/disassembling the system enclosure or mechanical parts must be smooth ,and no deformed parts found.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Report No.03S012A0

QA Lab Reliability test

Conclusion :

Passed.

The TPC-650 Touch panel PC meets the low temperature storage test.

QA Lab Reliability test

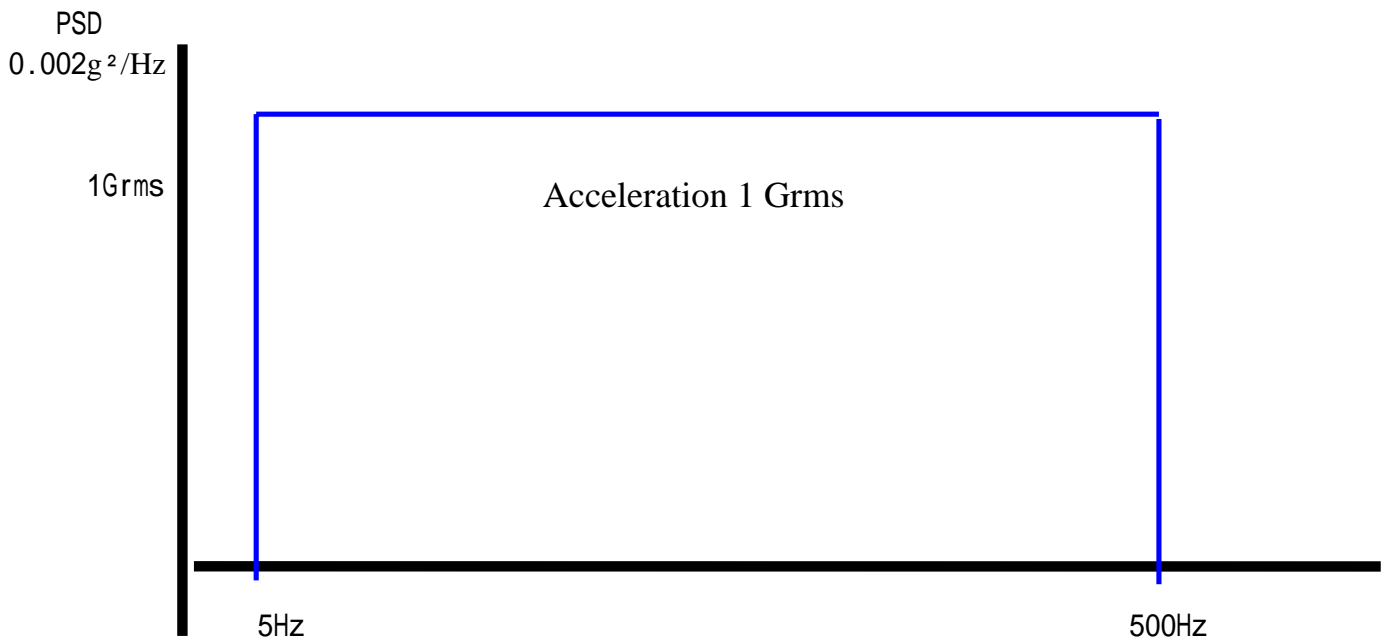
Test Date : March 6, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-64 Testing procedures
Test Fh : Vibration boardband random test

Test Condition :

1. Test Acceleration : 1Grms
2. Test Frequency : 5-500Hz
3. Test Axis : X ,Y and Z axis
4. Test Time : 1 hour for each axis
5. Test Software : Running Test Program in Win-CE
6. Test Vibration Curve :



QA Lab Reliability test

Test Equipment : Vibration Simulator System
KING DESIGN Co. LTD.
Model : 9363EM-20030-25N80
S / N : MC104053285
Date of Calibration : 04/09/2001

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

QA Lab Reliability test

Conclusion :

Passed.

The TPC-650 Touch panel PC meets random vibration operation test.

QA Lab Reliability test

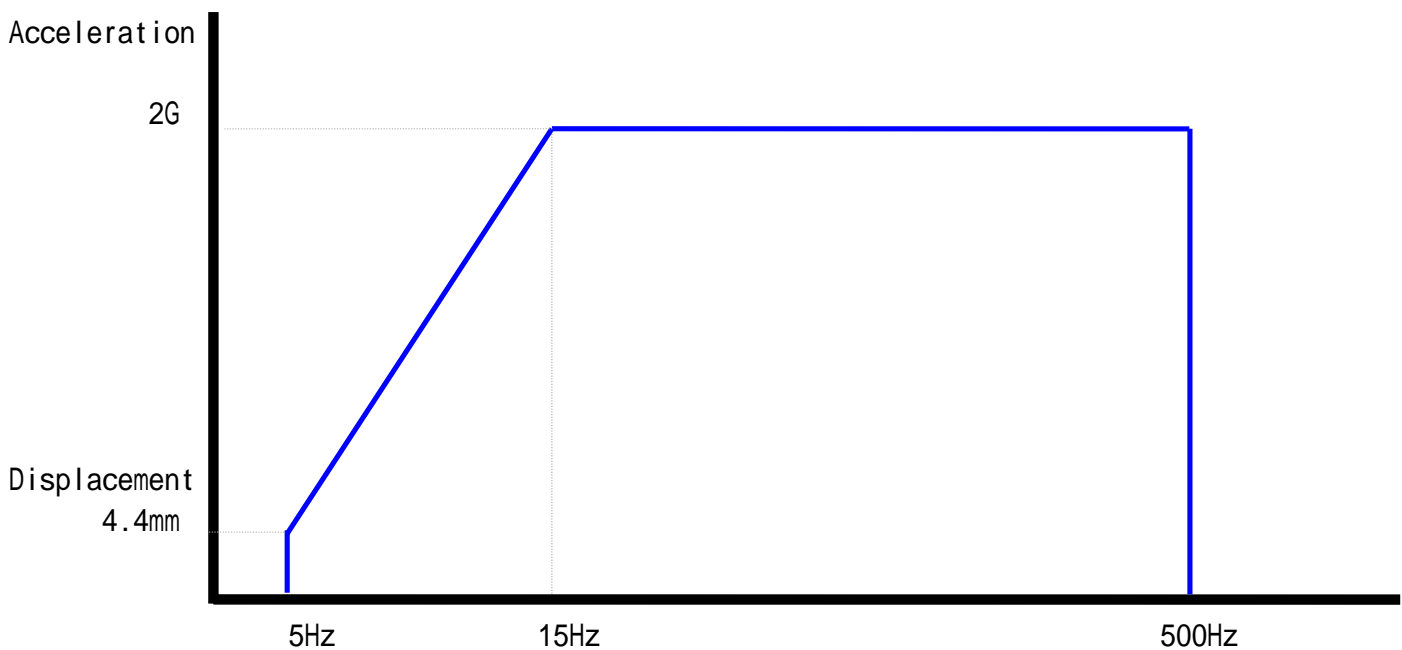
Test Date : March 7, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-6 Testing procedures
 Test Fc : Vibration Sinusoidal Test

Test Condition :

1. Test Acceleration : 2G
2. Test Frequency : 5-500Hz
3. Test Velocity : 1 Octave / min
4. Test Axis : X ,Y and Z axis
5. Test Time : 1 hour pre axis
6. Test Vibration Curve :



QA Lab Reliability test

Test Equipment : Vibration Simulator System

KING DESIGN Co. LTD.

Model : 9363EM-20030-25N80

S / N : MC104053285

Date of Calibration : 04/08/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.
3. All gaps on the surface are appropriately.
4. The assembling/disassembling of the system enclosure or mechanical parts must be smooth ,and no deformed parts should be found.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

QA Lab Reliability test

Conclusion :

Passed.

The TPC-650 Touch panel PC meets non-operation sine vibration test.

QA Lab Reliability test

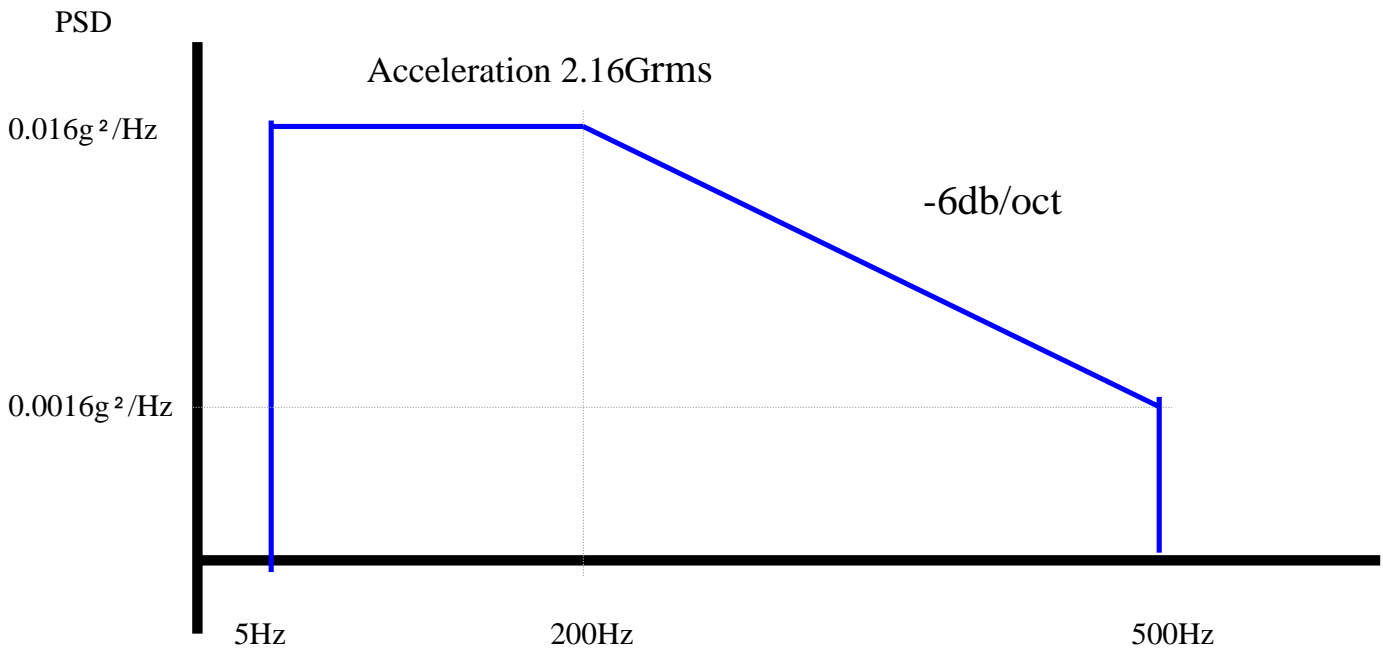
Test Date : March 6, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test.

Test Standard : Reference IEC68-2-64 Testing procedures
 Test Fh : Vibration boardband random test

Test Condition :

1. Test PSD : 0.016G²/Hz
2. Test Frequency : 5-500Hz
3. Test Axis : X,Y and Z axis
4. Test Time : 1hr per each axis
5. Test Curve :



QA Lab Reliability test

Test Equipment : Vibration Simulator System

KING DESIGN Co. LTD.

Model : 9363EM-20030-25N80

S / N : MC104053285

Date of Calibration : 04/09/2002

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The cover and connectors should work properly without any interference.
2. All screws should be tightened up appropriately.
3. All gaps on the surface are appropriately.
4. The assembling/disassembling of the system enclosure or mechanical parts must be smooth ,and no deformed parts should be found.

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

QA Lab Reliability test

Conclusion :

Passed.

The TPC-650 Touch panel PC meets package vibration test.

QA Lab Reliability test

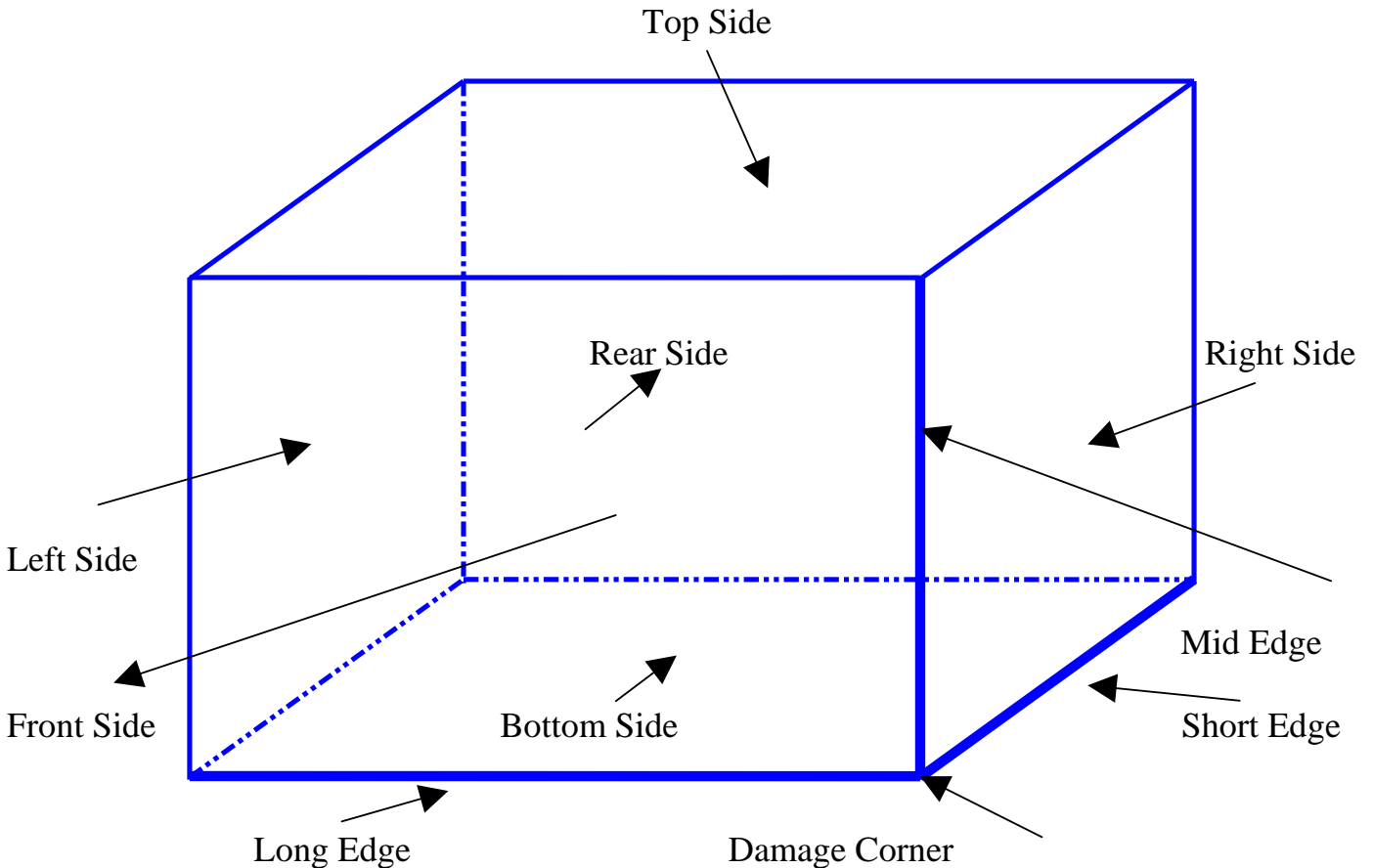
Test Date : March 6, 2003
Test Site : Advantech QA Environment Lab
Performed By : Knight Hu

Purpose : The NPDP test

Test Standard : Reference Federal Standard 101 Method 5007 Testing procedure B
 Test Ea : Drop Test

Test Condition :

1. Test Phase : One corner
 Three edges
 Six face
2. Test High : 91cm
3. Package Dimension : 30.5cm ×26.5cm×19cm
4. Weight : 2Kg
- 5 Test Drawing :



QA Lab Reliability test

Test Equipment : Drop Tester Machine
TOSHIDA SEIKI Co. LTD.
Model: DT-100B

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

- 1 CPU board: PCM-9450 A1 01-5
- 2 I/O board: PCM-9450-102 A1 01-04
- 3 LCD: PRIME VIEW D6V-B4R003N V16C6448AC
- 4 CPU: Intel Pentium 166MHz
- 5 Touch panel: DTFP #95638 F E230FM035
- 6 Inverter: 1201-H1
- 7 RAM: NEC 32MB
- 8 CF card: 32M
- 9 Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. All system functions must be checked with appropriate testing programs and should pass the inspection.
2. Running WinCE for OS, the system should not have degradation in its performance.

Mechanical function check:

1. The switch button , and cover should work properly without any interference.
2. All screws should be tightened up appropriately.
3. All gaps on the surface are appropriately.
4. The assembling/disassembling of the system enclosure or mechanical parts must be smooth ,and no deformed parts should be found.

*QA Lab Reliability test***Test Data:**

Side	Acceleration
Front	63.4 G
Rear	53.9 G
Right	73.7 G
Left	61.7 G
Top	52.1 G
Bottom	54.9 G

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC meets package drop test.

QA Lab Reliability test

Test Date : March. 13, 2003
Test Site : Advantech QA safety Lab
Performed By : Knight Hu

Purpose : The NPDP test

Test Standard : Reference QA Power Consumption test standard

Test Condition :

1. Test mode : DOS mode and Win-CE mode.
2. Testing program : Speed (Win-CE)
3. Power consumption : 2.2A below.

Test Equipment : AC/DC mA CLAMP METER
PROVE 11
S/N: 9822157

Sample Configuration & Quantity Under Test :

Using one TPC-650 Touch panel PC with the following options installed:

1. CPU board: PCM-9450 A1 01-5
2. I/O board: PCM-9450-102 A1 01-04
3. LCD: PRIME VIEW D6V-B4R003N V16C6448AC
4. CPU: Intel Pentium 166MHz
5. Touch panel: DTFP #95638 F E230FM035
6. Inverter: 1201-H1
7. RAM: NEC 32MB
8. CF card: 32M
9. Adaptor: Skynet SNP-PA59-M

Performance Criteria :

Electronic function check:

1. The power consumptions must meet its specification.
2. All system functions must be checked with appropriate testing programs and should pass the inspection.
3. Running Qaplus/fe test program, the system should not have degradation in its performance.

Test Data:

Power	Input	Total
Test mode	24.06V	Watt
1. Power ON	0.51A	12.27W
2. System standby(DOS)	0.77A	18.53W
3. System loading(Win-CE)	0.74A	17.80W
4. System standby(Win-CE)	0.67A	16.12W
5. Speed (Win-CE)	0.77A	18.53W

Test Result :

Test is no electronic and mechanical function damage or degradation have found, and without any incurably physical damage degradation the performance.

Conclusion :

Passed.

The TPC-650 Touch panel PC meets power consumption test.