

# EMC UPDATE TEST REPORT

For

## CPU Board

**Applicant** : Advantech Co., Ltd.  
**Trade Name** : ADVANTECH  
**Model Number** : PCA-6740  
                              \*\*PCA-6741  
**Date** : January 6, 2003  
**Revision** : 01  
**Reference Standard** : See below

| Standards  | Results (Pass/Fail) |
|--|---------------------|
| EN 55022: 1998 (Class A)                             | Same as Rev.00      |
| EN 61000-3-2: 1995 + A1: 1998 + A2: 1998 + A14: 2000 | Same as Rev.00      |
| EN 61000-3-3: 1995                                   | Same as Rev.00      |
| EN 55024: 1998                                       | Same as Rev.00      |
| - IEC 61000-4-2: 1995 + A2: 2000                     | Same as Rev.00      |
| - IEC 61000-4-3: 1995                                | Same as Rev.00      |
| - IEC 61000-4-4: 1995                                | Same as Rev.00      |
| - IEC 61000-4-5: 1995                                | Same as Rev.00      |
| - IEC 61000-4-6: 1996                                | Same as Rev.00      |
| - IEC 61000-4-8: 1993                                | Same as Rev.00      |
| - IEC 61000-4-11: 1994                               | Same as Rev.00      |

### Description of Rev. 01:

1. Applicant adds one model number for deletes some chips.  
(Please refers have \*\* mark items and the photographs on this report)
2. Other information please refers to the 011111 (Rev.00) and this (Rev.01) test report.

Approved by Authorized Signatory:

*Susan Su*

Lucky Chen / EMC Dector

## VERIFICATION OF COMPLIANCE

**Equipment Under Test:** CPU Board  
**Trade Name:** ADVANTECH  
**Model Number:** PCA-6740; \*\* PCA-6741  
**Serial Number:** N/A  
**Applicant:** **Advantech Co., Ltd.**  
No. 1, Alley 20, Lane 26, Rueiguang Road,  
Neihu District, Taipei 114, R.O.C.

**Manufacturer:** **Advantech Co., Ltd.**  
No. 1, Alley 20, Lane 26, Rueiguang Road,  
Neihu District, Taipei 114, R.O.C.

**Type of Test:** EMC Directive 89/336/EEC for CE Marking  
**Technical Standards:** EN 55022: 1998 (Class A)  
EN 61000-3-2: 1995 + A1: 1998 + A2: 1998 + A14: 2000  
EN 61000-3-3: 1995  
EN 55024: 1998 (IEC 61000-4-2: 1995 + A2: 2000, IEC 61000-4-3: 1995,  
IEC 61000-4-4: 1995, IEC 61000-4-5: 1995,  
IEC 61000-4-6: 1996, IEC 61000-4-8: 1993;  
IEC 61000-4-11: 1994)

**File Number:** 011111-E  
**Deviation:** According to applicant's declaration this EUT is a class A product, and to be market in industrial environment only.  
**Condition of Test Sample:** Normal  
**Final Result:** Pass  
**Worst data:** See below

| Test Item  | Freq.(MHz) | Measured data | Margin (M <sub>i</sub> C) | Remark |
|--|------------|---------------|---------------------------|--------|
| Radiated Emission  | N/A        | N/A           | N/A                       |        |
| Conducted Emission   | N/A        | N/A           | N/A                       |        |
| <ul style="list-style-type: none"><li>● The negative sign in margin cell means under the specific limit.</li><li>● This test result traceable to national or international standards</li></ul> |            |               |                           |        |

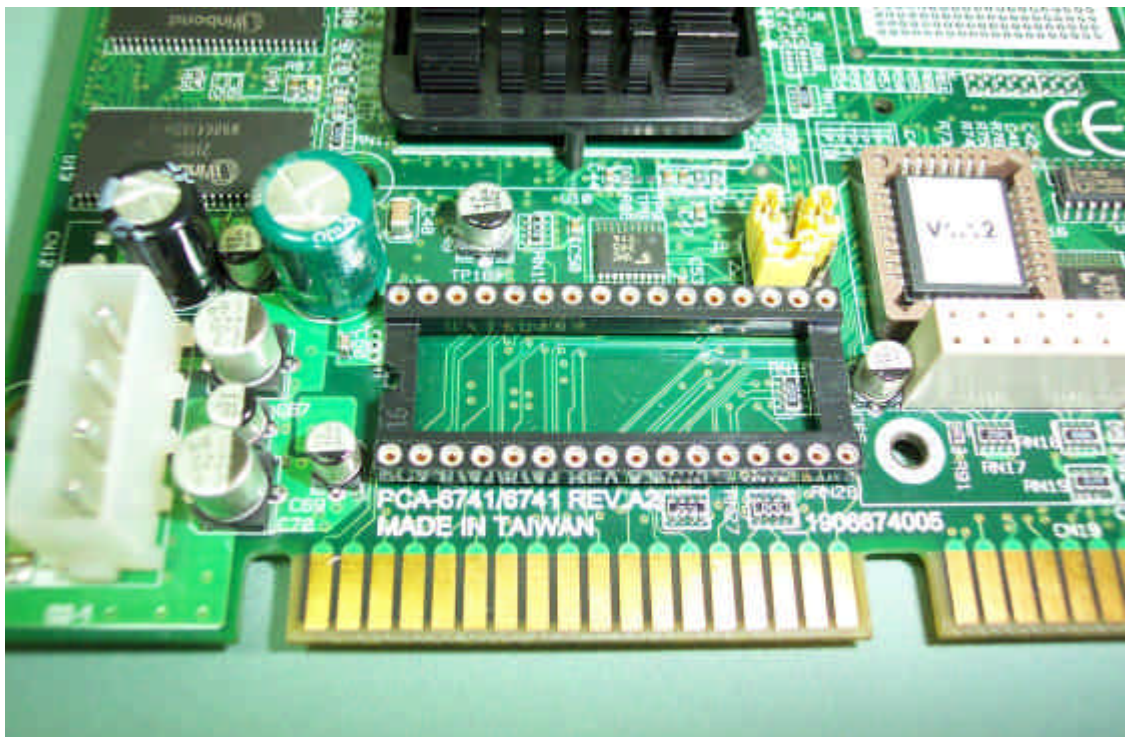
The above equipment was tested by C&C Laboratory Co., Ltd. for compliance with the requirements set forth in EMC Directive 89/336/EEC and the Technical Standards mentioned above. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment and the level of the immunity endurance of the equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

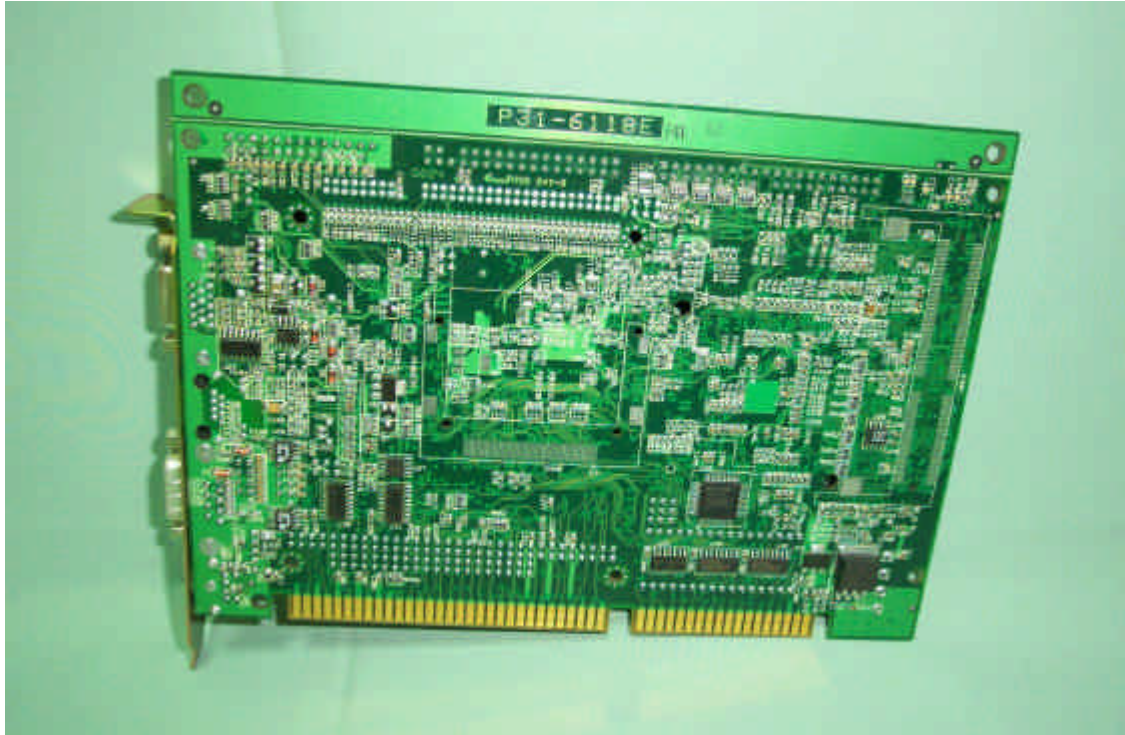
*Front View of EUT*



*Front View of EUT - 2*



*Back View of EUT*



*I/O Port of EUT*

