



# CERTIFICATE

Issued Date: Aug. 31, 2011  
Report No.: 118386R-ITCEP07V05

This is to certify that the following designated product

**Product** : Serial Port Powered Converter  
**Trade name** : Moxa  
**Model Number** : TCC-80, TCC-80I, TCC-80-DB9, TCC-80I-DB9, TCC-82  
**Company Name** : Moxa Inc.

This product, which has been issued the test report listed as above in QuieTek Laboratory, is based on a single evaluation of one sample and confirmed to comply with the requirements of the following EMC standard.

EN 55022:2006+A1: 2007

EN 55024: 1998+A1: 2001+A2: 2003

EN 61000-3-2:2006+A2: 2009

EN 61000-3-3:2008

TEST LABORATORY

Vincent Lin / Manager



## Test Report

Product Name : Serial Port Powered Converter

Model No. : TCC-80, TCC-80I, TCC-80-DB9, TCC-80I-DB9, TCC-82

Applicant : Moxa Inc.

Address : Fl.4. No.135. Lane 235, Baoqiao Rd. Xindian Dist,  
New Taipei City, Taiwan

Date of Receipt : 2011/08/18

Issued Date : 2011/08/31

Report No. : 118386R-ITCEP07V05

Report Version : V1.0

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF, NVLAP or any agency of the Government.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.



## Declaration of Conformity

The following products are herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive (2004/108/EC).

The following Equipment:

Product : Serial Port Powered Converter  
 Model Type : TCC-80, TCC-80I, TCC-80-DB9, TCC-80I-DB9, TCC-82  
 Brand Name : Moxa

are following the standards shown as below:

### Emission:

EN 55022: 2006+A1: 2007  
 EN 61000-3-2:2006+A1: 2009+A2: 2009  
 EN 61000-3-3:2008

### Immunity:

EN 55024: 1998+A1: 2001+A2: 2003

The following importer/manufacturer is responsible for this declaration:

Company Name : MOXA Inc.

Company Address : Fl.4. No.135. Lane 235, Baoqiao Rd. Xindian Dist, New Taipei City, Taiwan.

Telephone : +886-2-89191230 Facsimile: +886-2-89191231

Person is responsible for marking this declaration:

CHAO HUNG-CHENG

Name (Full Name)



Date

Director

Position/ Title

Legal Signature

## Test Report Certification

Issued Date : 2011/08/31


Report No. : 118386R-ITCEP07V05



Product Name : Serial Port Powered Converter  
Applicant : Moxa Inc.  
Address : Fl.4. No.135. Lane 235, Baoqiao Rd. Xindian Dist, New Taipei  
City, Taiwan  
Manufacturer : Moxa Inc.  
Model No. : TCC-80, TCC-80I, TCC-80-DB9, TCC-80I-DB9, TCC-82  
EUT Rated Voltage : DC 5-12V  
EUT Test Voltage : AC 230 V / 50 Hz  
Trade Name : Moxa  
Applicable Standard : EN 55022: 2006+A1: 2007, Class A  
EN 55024: 1998+A1: 2001+A2: 2003  
EN 61000-3-2:2006+A2: 2009  
EN 61000-3-3: 2008  
Test Result : Complied  
Performed Location : Quietek Corporation (Linkou Laboratory)  
No. 5-22, Rueishu Keng, Linkou Dist., New Taipei City 24451,  
Taiwan. R.O.C.  
TEL:+866-2-8601-3788 / FAX:+886-2-8601-3789

Documented By : Jinn Chen  
( Senior Adm. Specialist / Jinn Chen )

Reviewed By : JoJolee jung  
( Assistant Engineer / JoJolee Jung )

Approved By :   
( Manager / Vincent Lin )

## Laboratory Information

We , **Quietek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scopes:

<b>Taiwan R.O.C.</b>	<b>:</b>	<b>BSMI, NCC, TAF</b>
<b>Germany</b>	<b>:</b>	<b>TUV Rheinland</b>
<b>Norway</b>	<b>:</b>	<b>Nemko, DNV</b>
<b>USA</b>	<b>:</b>	<b>FCC, NVLAP</b>
<b>Japan</b>	<b>:</b>	<b>VCCI</b>

The related certificate for our laboratories about the test site and management system can be downloaded from Quietek Corporation's Web Site : <http://tw.quietek.com/tw/emc/accreditations/accreditations.htm>  
 The address and introduction of Quietek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>  
 If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

### HsinChu Testing Laboratory :

No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.  
 TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : [service@quietek.com](mailto:service@quietek.com)



### Linkou Testing Laboratory :

No. 5-22, Rueishu Keng, Linkou Dist., New Taipei City 24451, Taiwan. R.O.C.  
 TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : [service@quietek.com](mailto:service@quietek.com)



### Suzhou (China) Testing Laboratory :

No. 99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., Suzhou, China.  
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