TEST REPORT

DANAK
Reg. no. 19

Measurements of radio frequency interference from PMC-E1/T1 and PCI-PMC
Performed for Comuniq ASA
Project no.: K350208-2
Date: 1999-11-23

DELTA
Electronics Testing

Venlighedsvej 4
DK-2970 Hørsholm
Denmark

Tel. (+45) 45 86 77 22
Fax (+45) 45 86 58 98
www.delta.dk

Title	Measurements of radio frequency interference from PMC-E1/T1 and PCI-PMC
Test objects	PMC-E1/T1 and PCI-PMC
Report no.	DANAK-194794
Project no.	K350208-2
Date of test	1999-11-09
Client	Comuniq ASA Solakrossen 11 N - 4050 Sola Norway Telephone: +47 51 71 55 55 Telefax: +47 51 71 55 56
Contact person	Mr. Jan Bjerke
Manufacturer	Comuniq ASA
Specification	EN 55022:1994 (CISPR 22:1993 + A1:1995 + A2:1996) class B + A1:1995 + A2:1997 FCC part 15 Subpart B class B demonstrated by compliance with EN 55022:1994, class B.
Test personnel	Henrik Egeberg Nielsen
Results	The emission from the PMC-E1/T1 and PCI-PMC was below the limit of the above specifications.
Date	1999-11-23
Project manager	Per Hansen, Facility Manager, EMC DELTA Electronics Testing
Responsible	Jørgen Duvald Christensen Jørgen Duvald Christensen Department Manager, EMC DELTA Electronics Testing

Please note that we have not tested the equipment for any errors which may arise before, during, or after the change of date from the year 1999 to the year 2000, either in the equipment or its interaction with other products.

TABLE OF CONTENTS **PAGE**

1. SUMMARY OF TEST RESULTS

The results of the emission tests can be summarised as follows:

Emission tests	**EN 55022:1994 (CISPR22:1993 + A1:1995 + A2:1996) class B + A1:1995 + A2:1997**	**FCC part 15 Subpart B class B ***
Conducted emission, AC mains	Passed	Passed
Radiated electromagnetic field	Passed	Passed

Abbreviations :

Passed	:	The emission was below the limit.
Not done	:	No test was performed.
N/A	:	Not applicable.
Not relevant	:	The test was not relevant for the test object.

* The FCC class B was demonstrated by compliance with EN 55022:1994, class B.

The test results relate only to the specimen tested.

2. TEST SPECIMEN 1

Category	:	Communication Card
Manufacturer	:	Comuniq ASA
Model/Type	:	PMC Telecommunication Card / PMC-E1/T1
Part no.	:	-
Serial no.	:	PR993903505
Supply voltage	:	Power supplied from host PC

TEST SPECIMEN 2

Category	:	Communication Card
Manufacturer	:	Comuniq ASA
Model/Type	:	PCI-to-PMC Carrier Card / PCI-PMC
Part no.	:	-
Serial no.	:	-
Supply voltage	:	Power supplied from host PC

GENERAL CONDITIONS

Operational mode : The PC was continuously creating calls from one trunk to another on the EUT through the UTP loops. Calls were chosen at random between the 30 possible channels allowed by this particular software version.

Comments : The test objects were built into the PC (3.1.6).
Only one pair of trunks was active, i.e. traffic on one loop only.

The PCI-PMC card is an electrical and mechanical interface between the PMC-E1/T1 card and the host PC's PCI-bus.

The cards were physically built together, one on top of the other, but are to be regarded as two separate test objects as they will be marketed together respectively separately.

3. GENERAL TEST CONDITIONS

3.1 Test set-up

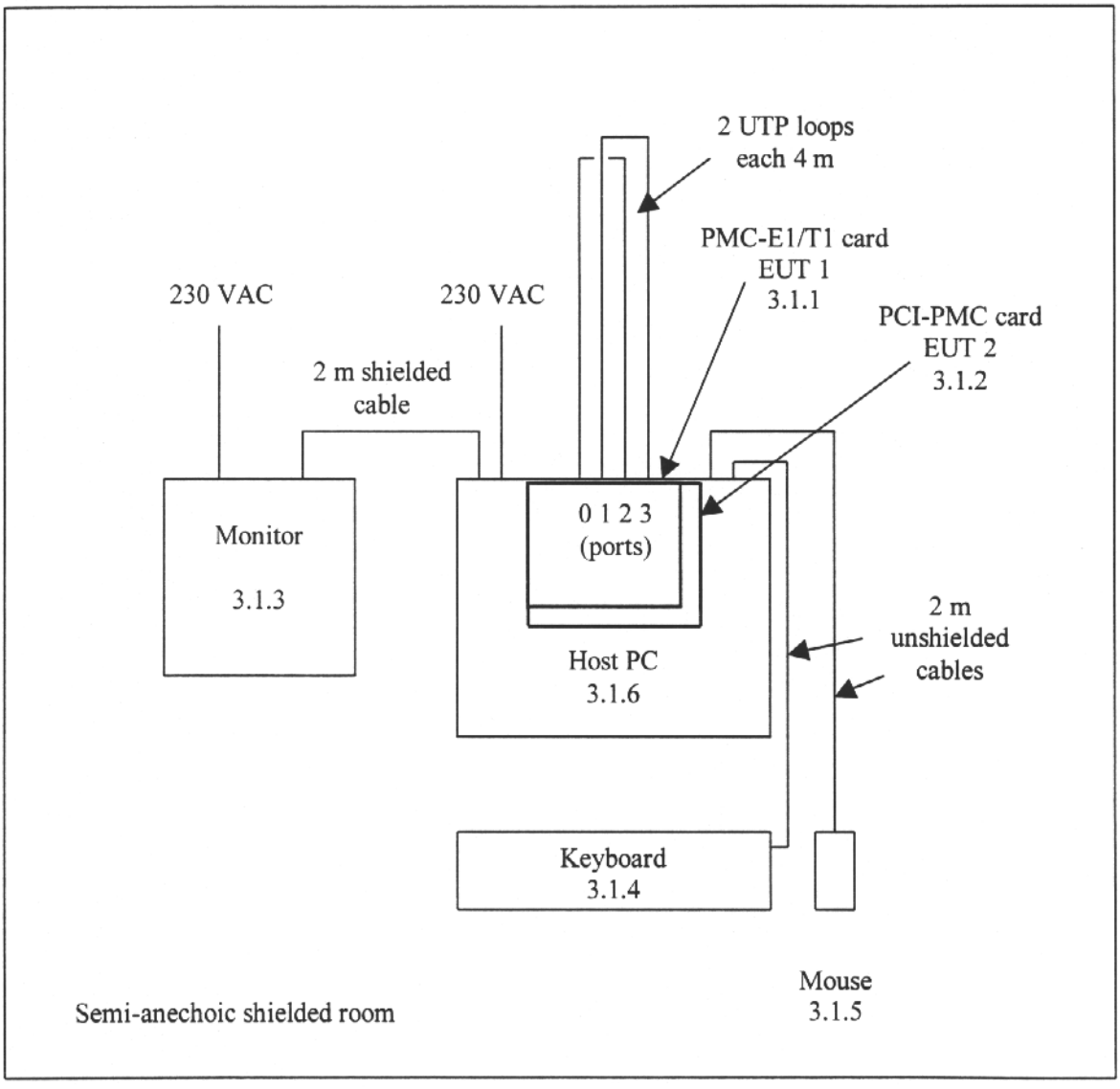

FIG. 1 Test set-up including test object and peripheral equipment