

TEST REPORT
of the accredited test laboratory

TÜV Nr.:M/EMV-02/136
about
the following EMC - test/- research

Division Medical
Technology/
Communication
Technology/ EMC

Testing Body for
Communication
Technology/ EMC

Prüfzentrum Wien
A-1230 Wien
Deutschstraße 10

Tel.: +43 1 / 610 91
Fax: Ext. 6505
Mail: office@tuev.or.at

Applicant: Corinex Global a.s.
Klukatá 6
82108 Bratislava, Slovakia

Product: Corinex Powernet PCI

Serial Number: ---

Standard: EN 55022:1998; EN 55024:1998; EN 61000-3-2/A14:2001;
EN 61000-3-3:1995; CISPR 22:1997

Accredited Testing
Laboratory,
Inspection Body,
Certification Body,
Calibration Body

Notified Body 0408

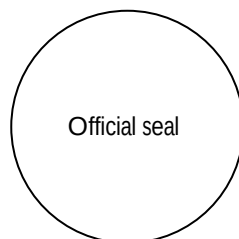
TÜV Österreich
Test laboratory for EMC

Deputy Supervisor of EMC-
laboratory

Checked by

Ing. Wilhelm Seier

Ing. Klaus Röttsch



22.05.2002

Copy Nbr.: _____

A publication of this test report is only permitted literally.
Copying or reproduction of partial sections needs a written permission of TÜV Österreich.

The results of this test report only refer to the provided equipment.

DVR 0047 333
UID ATU 37086005

Contents

	Designation	page
1.	Applicant	3
2.	Description of EUT	4
3.	Standards / Final result	5
4.	Test results	6-26
Appendix	Designation	pages
1	Test equipment used	3
2	Photodocumentation	27
3	Measurement diagrams	3

1. Applicant

Company	Corinex Global a.s.
Department	
Address	82108 Bratislava, Slovakia; Klukatá 6
Contact person	Mr. Hradilek

EUT received on	May 16th 2002
-----------------	---------------

Tests were performed on	May 16th till 21st 2002
-------------------------	-------------------------

2. Description of EUT

EUT	Corinex Powernet PCI
Serial Number	---
Manufacturer	Corinex Global a.s. 82108 Bratislava, Slovakia; Klukatá 6
Description	Corinex Global a.s. provided the following configuration for the measurements: PCI-Powernetadapter installed in a PC PC: "forte" CE marked (not for US market) Noname-Keypad made in Thailand with FCC statements Microsoft-mouse FCC-ID: C3KSS1
Operating mode	The measurements were carried out at the following running states: transmit/receive data

3. Standards / Final result

Name	Title	Deviation	Result
EN 55022:1998	Limits and methods of measurement of radio disturbance characteristics of information technology equipment	none	PASS
EN 55024:1998	Information technology equipment - Immunity characteristics - Limits and methods of measurement	none	PASS
EN 61000-3-2/A14:2001	Electromagnetic compatibility (EMC) Part 3: Limits Section 2: Limits for harmonic current emissions (equipment input current up to and including 16A per phase)	none	PASS
EN 61000-3-3:1995	Electromagnetic compatibility (EMC) Part 3: Limits Section 2: Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current up to and including 16A	none	PASS
CISPR 22:1997	Limits and methods of measurement of radio disturbance characteristics of information technology equipment	none	PASS
PASS EUT passed FAIL EUT failed			

4. Test results

4. 1. Conducted emission

Limits

Frequency range	Limit	
Detector	Quasi Peak	Average
0,150 - 0,5 MHz	66 - 56 dB μ V decreasing with the logarithm of frequency	56 - 46 dB μ V decreasing with the logarithm of frequency
0,5 - 5 MHz	56 dB μ V	46 dB μ V
5 - 30 MHz	60 dB μ V	50 dB μ V
Remark: Quasi Peak and Average limits must be both met		

Measuring apparatus parameters:

Parameter	Preview measurement	Final measurement	Parameter	Preview measurement	Final measurement
Start frequency	150 kHz	150 kHz	Detector	MP/AV	QP/AV
Stop frequency	30 MHz	30 MHz	Measuring time	10 ms	1 s
Stepsize	5 kHz	5 kHz	RF-attenuation	0dB	0dB
IF- Bandwidth	9 kHz	9 kHz	Preamplifier	0 dB	0 dB

Operating mode	Measuring result
transmit/receive data	Measurement diagram 1

Test report number:
M/EMV-02/136

Date:
22.05.2002

Test result:

4. 1.1.) Measurement with QP-Detector

Frequency MHz	Level dB μ V	Limit dB μ V	Margin dB	Exceed- Mark	Phase	PE
0,290	58,8	60,6	1,8		N	GND
0,370	51,6	58,5	6,9		N	GND
4,690	49,6	56,0	6,4		L1	GND
4,885	50,2	56,0	5,8		L1	GND
16,195	49,7	60,0	10,3		L1	GND
19,930	51,0	60,0	9,0		L1	GND

4. 1.2.) Measurement with AV-Detector

Frequency MHz	Level dB μ V	Limit dB μ V	Margin dB	Exceed- Mark	Phase	PE
4,485	39,4	46,0	6,6		L1	GND
4,695	40,3	46,0	5,7		L1	GND
4,885	41,3	46,0	4,7		L1	GND
19,720	41,5	50,0	8,5		L1	GND
19,920	40,2	50,0	9,8		L1	GND
20,500	43,5	50,0	6,5		N	GND

4. 2. Radiated emission

Limits :

Frequency range	Limit (quasi peak)
30 - 230 MHz	39,6 dB μ V/m
230 - 1000 MHz	46,6 dB μ V/m

Measuring apparatus parameters:

Parameter	Preview measurement	Final measurement	Parameter	Preview measurement	Final measurement
Start frequency	30 MHz	30 MHz	Detector	Max Peak	Quasi Peak
Stop frequency	1000 MHz	1000 MHz	Measuring time	10 ms	1 s
Stepsize	50 kHz	50 kHz	RF-attenuation	0dB	0dB
IF- Bandwidth	120 kHz	120 kHz	Preamplifier	20 dB	20 dB

Operating mode	Measuring result
transmit/receive data	Measurement diagram 2, 3

Test report number:
M/EMV-02/136

Date:
22.05.2002

Test result:

4. 2.1.) Measurement with QP-Detector (30 MHz - 200 MHz)

Frequency MHz	Level dB μ V/m	Limit dB μ V/m	Margin dB	Exceed- Mark	Height cm	Azimuth deg	Polarization
32,75	30,3	39,6	9,3		100	160	Vertical
143,05	29,9	39,6	9,7		200	250	Horizontal
144,75	32,2	39,6	7,4		217	239	Horizontal
146,50	27,5	39,6	12,1		223	226	Horizontal
149,95	27,0	39,6	12,6		227	264	Horizontal

Test report number:
M/EMV-02/136

Date:
22.05.2002

4. 2.2.) Measurement with QP-Detector (200 MHz - 1000 MHz)

Frequency MHz	Level dB μ V/m	Limit dB μ V/m	Margin dB	Exceed- Mark	Height cm	Azimuth deg	Polarization
200,00	38,3	39,6	1,3		164	275	Horizontal
286,35	41,9	46,6	4,7		231	300	Vertical
572,75	43,4	46,6	3,2		243	223	Horizontal
600,05	36,5	46,6	10,1		260	184	Horizontal
715,95	44,8	46,6	1,8		100	110	Vertical
750,00	44,4	46,6	2,2		108	0	Vertical

Test report number:
M/EMV-02/136

Date:
22.05.2002

4. 3. Harmonic current emission:

Because of the low power consumption of this equipment (the AC mains port is only used as data port), no measurement was performed.

Test report number:
M/EMV-02/136

Date:
22.05.2002

4. 4. Voltage fluctuations and flicker

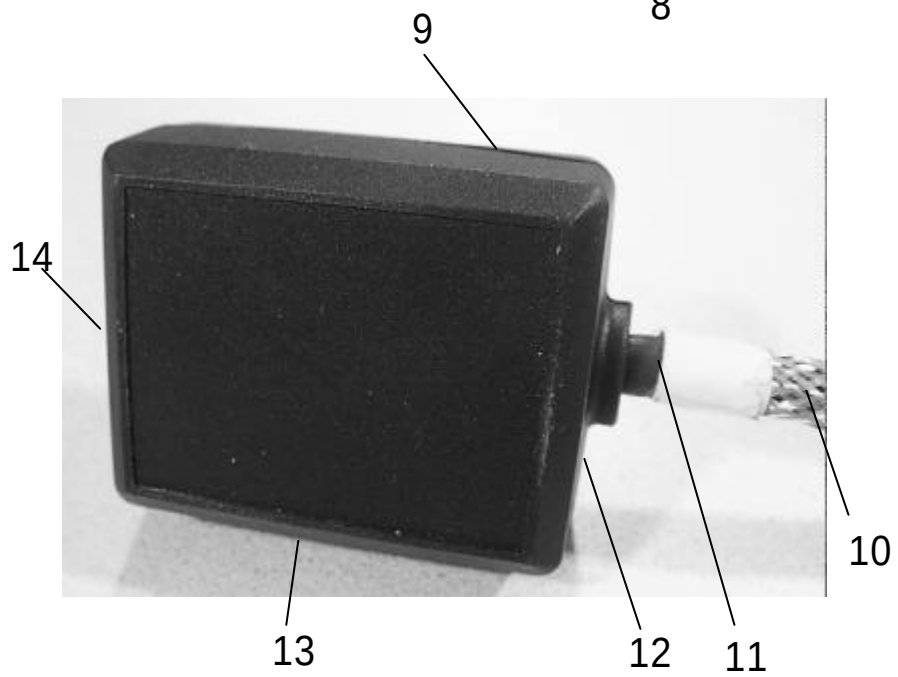
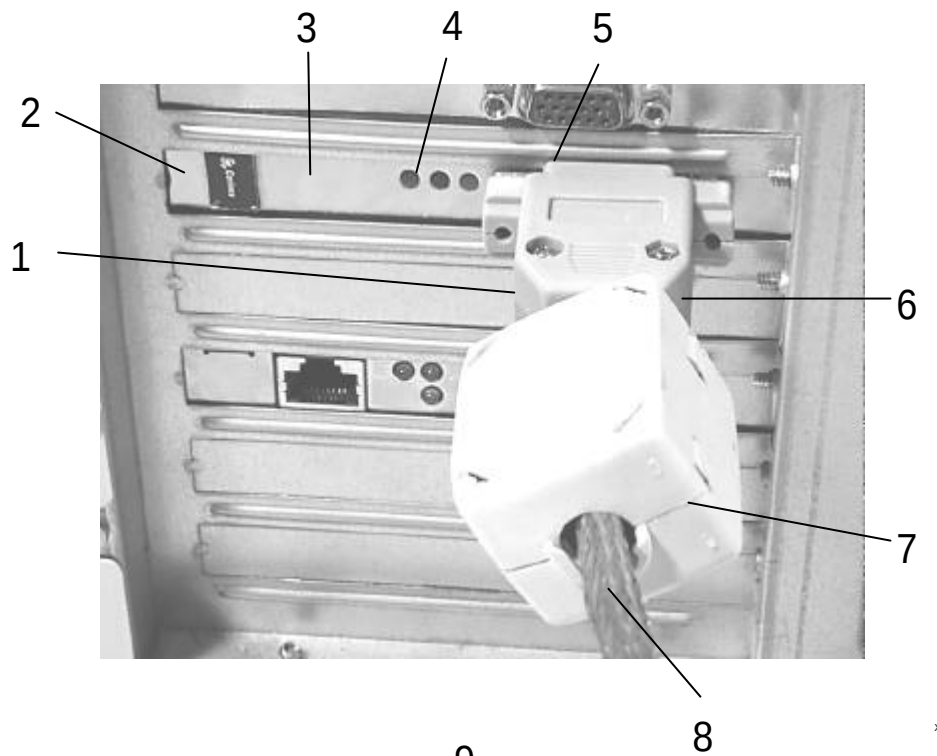
Because the equipment has a very low power consumption (the AC mains port is only used as data port), it is unlikely to produce significant voltage fluctuations or flicker and therefore no measurement was performed.

4. 5. Electrostatic discharge requirements (ESD)

Type of test	charging voltage	Basic standard	Test set-up	Comment	Performance criteria
Electrostatic discharge Air discharge	8 kV charging voltage	EN 61000-4-2:1995	EN 61000-4-2:1995		B
Electrostatic discharge Contact discharge	4 kV charging voltage	EN 61000-4-2:1995	EN 61000-4-2:1995		B

Operating mode	Test positions	Criteria of compliance
transmit/receive data	The 14 test positions are shown in the following graphic	During the test the communications link shall be maintained. However short interruptions are allowed. After the test the equipment shall operate normally without user-interaction.

Test positions for ESD



Test report number:
M/EMV-02/136

Date:
22.05.2002

Test result:

Test position	Charging voltage	Type of discharge	Positive discharge	Negative discharge
1	8 kV	Air	PASS	PASS
2	4 kV	Contact	PASS	PASS
3	4 kV	Contact	PASS	PASS
4	4 kV	Contact	PASS	PASS
5	4 kV	Contact	PASS	PASS
6	8 kV	Air	PASS	PASS
7	8 kV	Air	PASS	PASS
8	4 kV	Contact	PASS	PASS
9	8 kV	Air	PASS	PASS
10	4 kV	Contact	PASS	PASS
11	8 kV	Air	PASS	PASS
12	8 kV	Air	PASS	PASS
13	8 kV	Air	PASS	PASS
14	8 kV	Air	PASS	PASS
PASS FAIL EUT passed EUT failed				

Test report number:
M/EMV-02/136

Date:
22.05.2002

4. 6. Radiated electromagnetic field requirements

Type of test	Test parameters	Basic standards	Test set-up	Comment	Performance criteria
Radiated electromagnetic field	80 MHz - 1000 MHz Feldstärke: 3 V/m Modulation 80%/1 kHz AM Polarisation H/V Stepsize 1%	EN 61000-4-3:1996	EN 61000-4-3:1996		A

Operating mode	Criteria of compliance
transmit/receive data	During the test the communications link must be maintained. However the datarate may decrease. After the test the equipment must operate normally.

Test report number:
M/EMV-02/136

Date:
22.05.2002

Test result:

Type of test	Test parameters	Performance criteria	Result
Radiated electromagnetic field	80 MHz - 1000 MHz Feldstärke: 3 V/m Modulation 80%/1 kHz AM Polarisation H/V Stepsize 1%	A	PASS
PASS FAIL	EUT passed EUT failed		

Test report number:
M/EMV-02/136

Date:
22.05.2002

4. 7. Induced RF-field requirements

Type of test	Test parameters	Basic standards	Test set-up	Comment	Performance criteria
RF-current common mode	0,15 MHz - 80 MHz 3 Vrms (unmoduliert) Modulation 80%/1 kHz AM Stepsize $1,5 \cdot 10^{-3}$ Dec/s Source impedance 150 Ohm	EN 61000-4-6:1996	EN 61000-4-6:1996		A

Operating mode	Criteria of compliance
transmit/receive data	During the test the communications link must be maintained. However the datarate may decrease. After the test the equipment must operate normally.

Test report number:
M/EMV-02/136

Date:
22.05.2002

Test result:

Measured line	Type of coupling	Performance criteria	Result
AC-mains supply (1-phase)	M5	A	PASS
PASS EUT passed FAIL EUT failed			

4. 8. Electrical fast transients/burst requirements

Type of test	Test parameters	Basic standards	Test set-up	Comment	Performance criteria
Electrical fast transients common mode	5/50 ns t_r/t_f 5kHz Burst frequency 15 ms Burst time 3 Hz Repetition frequency Polarity: positive/negative	EN 61000-4-4:1995	EN 61000-4-4:1995		B

Operating mode	Criteria of compliance
transmit/receive data	During the test the communications link shall be maintained. However short interruptions are allowed. After the test the equipment shall operate normally without user-interaction.

Test result:

4. 8. 1.) Measurement on the mains supply line (direct injection)

Combination	Test voltage	Performance criteria	Positive pulse	Negative pulse
Coupling path L1	1 kV	B	PASS	PASS
Coupling path N	1 kV	B	PASS	PASS
Coupling path PE	1 kV	B	PASS	PASS
Coupling path L1/N	1 kV	B	PASS	PASS
Coupling path L1/PE	1 kV	B	PASS	PASS
Coupling path N/PE	1 kV	B	PASS	PASS
Coupling path L1/N/PE	1 kV	B	PASS	PASS
PASS FAIL EUT passed EUT failed				

4. 9. Surge requirements

Type of test	Test parameters	Basic standards	Test set-up	Comment	Performance criteria
Surge, differential mode	1 kV Test level 1,2/50 μ s t_r/t_f Polarity: positive/negative	EN 61000-4-5:1995	EN 61000-4-5:1995		B
Surge, common mode	2 kV Test level 1,2/50 μ s t_r/t_f Polarity: positive/negative	EN 61000-4-5:1995	EN 61000-4-5:1995		B

Operating mode	Criteria of compliance
transmit/receive data	During the test the communications link shall be maintained. However short interruptions are allowed. After the test the equipment shall operate normally without user-interaction.

Test result:

4. 9.1.) Measurement on the mains supply - differential mode

Combination	Test voltage	Performance criteria	Positive pulse	Negative pulse
L1/N	1 kV	B	PASS	PASS
PASS FAIL EUT passed EUT failed				

4. 9.2.) Measurement on the mains supply - common mode

Combination	Test voltage	Performance criteria	Positive pulse	Negative pulse
N/PE	2 kV	B	PASS	PASS
L1/PE	2 kV	B	PASS	PASS
PASS FAIL EUT passed EUT failed				

4. 10. Voltage dips and interrupts

Type of test	Test parameters	Basic standards	Test set-up	Comment	Performance criteria
Voltage - Dips	>95% Reduction for 10 ms	EN 61000-4-11	EN 61000-4-11	1)	B
Voltage - Dips	30% Reduction for 500 ms	EN 61000-4-11	EN 61000-4-11	2)	C
Voltage - Interruption	>95% Reduction for 5000 ms	EN 61000-4-11	EN 61000-4-11	2)	C

Operating mode	Criteria of compliance
transmit/receive data	1) During the test the communications link shall be maintained. However short interruptions are allowed. After the test the equipment shall operate normally without user-interaction. 2) During the test the communications link may be lost. After the test the equipment shall operate normally maybe after user-interaction.

Test report number:
M/EMV-02/136

Date:
22.05.2002

Test result:

Type of test	Test parameters	Performance criteria	Result
Voltage - Dips	>95% Reduction for 10 ms	B	PASS
Voltage - Dips	30% Reduction for 500 ms	C	PASS
Voltage - Interruption	>95% Reduction for 5000 ms	C	PASS
PASS FAIL	EUT passed EUT failed		

Appendix 1

Test equipment used

☒	Anechoic Chamber with 3m measurement distance	NT-100	☐	ESPC - Test receiver 9 kHz - 2,5 GHz	NT-203
☒	MA 240 - Antenna mast 1 - 4 m height	NT-110	☒	ESI26 – Test receiver 20 Hz – 26,5 GHz	NT-207
☒	DS 412 - Turntable 0 - 400 ° Azimuth	NT-111	☐	Digital Radio Tester CTS55	NT-208
☒	HD 100 Controller Mast+Turntable	NT-112	☐	Noise-gen., ITU-R 559-2 20 Hz – 20 kHz	NT-209
☐	HUF-Z2 - Bicon. Antennna 20 - 300 MHz	NT-120	☐	CMTA - Radiocommunication analyzer ; 0,1 - 1000 MHz	NT-210
☐	HUF-Z3 - Log. Per. Antenna 200 - 1000 MHz	NT-121	☐	3271 - Spectrum analyzer 100 Hz - 26,5 GHz	NT-211
☐	HFH-Z2 - Loop Antenna. 9 kHz - 30 MHz	NT-122	☐	Radiocommunicationanalyzer Marconi 2945A	NT-212
☐	HFH-Z6 - Rod Antenna 9 kHz - 30 MHz	NT-123	☐	2855S - Communication analyzer	NT-213
☐	3121C - Dipole Antenna 28 - 1000 MHz	NT-124	☐	Mixer M28HW 26,5 GHz - 40 GHz	NT-214
☐	3115 - Horn Antenna 1 - 18 GHz	NT-125	☐	Diode Detector 0,01 GHz - 26,5 GHz	NT-215
☐	3116 - Horn Antenna 18 - 40 GHz	NT-126	☐	3160-10 Horn Antenna 26,5 GHz - 40 GHz	NT-216
☐	SAS-200/543 - Bicon. Ant. 20 MHz - 300 MHz	NT-127	☐	Radiocommunicationanalyzer SWR 1180 MD	NT-217
☒	AT-1080 - Log. Per. Ant. 80 - 1000 MHz	NT-128	☐	Mixer M19HWD 40 GHz – 60 GHz	NT-218
☒	HK-116 - bicon. Ant. 20 MHz - 300 MHz	NT-129	☐	Mixer M12HWD 60 GHz – 90 GHz	NT-219
☐	HK-116 - bicon. Ant. 20 MHz - 300 MHz	NT-130	☐	TDS - 540 DSO Digital scope	NT-220
☒	3146 - Log. Per. Ant. 200 - 1000MHz	NT-131	☐	PM97 Scopemeter	NT-221
☐	Loop Antenna H-Field	NT-132	☐	B9-DSP-IS Digital Analyzer for voltage fluctuations	NT-230
☐	Horn Antenna 500 MHz - 2900 MHz	NT-133	☐	DFT 555 - Power and harmonics analyzer	NT-231
☐	Log. per. Antenna 800 MHz - 2500 MHz	NT-134	☐	EFA-3 H-field- / E-field probe	NT-243
☐	Log. per. Antenna 800 MHz - 2500 MHz	NT-135	☐	E-field measuring instrument EMR-200; 100 kHz – 3 GHz	NT-244
☐	BiConiLog Antenna 26 MHz – 2000 MHz	NT-137	☐	E-field probe (for use with EMR-200)	NT-245
☐	Conical Dipol Antenna PCD8250	NT-138	☐	Magneticfield-Sensor 300 kHz – 30 MHz	NT-246
☒	HZ-1 Antenna tripod	NT-150	☐	MDS 21 - Absorbing clamp 30 - 1000 MHz	NT-250
☐	BN 1500 Antenna tripod	NT-151	☐	FCC-203I EM Injection clamp	NT-251
☐	ESVP - Test receiver 20 - 1000 MHz	NT-201	☐	FCC-203I-DCN Ferrite decoupling network	NT-252
☐	Switchbox	NT-202	☐	PR50 Current Probe	NT-253

Medizintechnik/
Nachrichtentechnik/EMV

Department: EMV

Test report number:
M/EMV-02/136

Page: 1 of 3

Date: 22.05.2002

Checked by: _____

Appendix 1 (continued)

Test equipment used

☐ Model 2000 Digital Multimeter	NT-261	☐ Preamplifier 1 GHz - 4 GHz	NT-335
☐ Fluke 97 Digital Multimeter	NT-262	☐ 2-97201 Electronic load	NT-341
☐ Fluke 97 Digital Multimeter	NT-263	☐ TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-344
☒ ESH2-Z5 Artificial mains network 4x25A	NT-300	☐ TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-345
☐ ESH3-Z5 Artificial mains network 2x10A	NT-301	☐ VDS 200 Mobil-impuls-generator	NT-350
☐ ESH3-Z6 Artificial mains network 1x100A	NT-302	☐ LD 200 Mobil-impuls-generator	NT-351
☐ ESH3-Z4 T-Artificial network	NT-303	☐ MPG 200 Mobil-Impuls-Generators	NT-352
☒ PHE 4500/B Power amplifier	NT-304	☐ EFT 200 Mobil-impuls-generator	NT-353
☐ EZ10 T-Artificial network	NT-305	☐ FP 16/3-1 3 ph. Coupling filter (Burst)	NT-400
☐ MidiStar Telephone exchange	NT-306	☒ PHE 4500 - Mains impedance network	NT-401
☒ SMG - Signal generator 0,1 - 1000 MHz	NT-310	☐ FP-SURGE 32.1 3 ph. Coupling filter (Surge)	NT-402
☐ PM 5518 TXVPS Video generator	NT-311	☐ IP 6.2 Coupling filter for data lines (Surge)	NT-403
☐ RefRad Reference generator	NT-312	☐ ESH2-Z3 - Probe 9 kHz - 30 MHz	NT-410
☐ SMP 02 Signal generator 10 MHz - 20 GHz	NT-313	☐ IP 4 - Capacitive clamp (Burst)	NT-411
☐ PEFT - Burst generator up to 4 kV	NT-320	☐ HV-Attenuator 54,5 dB (Burst)	NT-420
☐ PSD - ESD generator up to 25 kV	NT-321	☐ RF-Attenuator 20 dB 0,1 - 1000 MHz / 25 W	NT-421
☐ ESD-Pistol	NT-322	☐ RF-Attenuator 10 dB 0,1 - 1000 MHz / 20 W	NT-422
☐ Vacuum-Relais up to 8 kV	NT-323	☐ RF-Attenuator 30 dB 0,1 - 1000 MHz / 1 W	NT-423
☐ PSURGE 4.1 Surge generator	NT-324	☐ RF-Attenuator 30 dB	NT-424
☒ TRANSIENT 1000 Immunity test system	NT-325	☐ RF-Attenuator 6 dB 0,1 - 1000 MHz / 1 W	NT-425
☐ VCS 500-M6 Surge-Generator	NT-326	☐ RF-Attenuator 6 dB 0,1 - 1000 MHz / 1 W	NT-426
☒ BTA-250 - RF-Amplifier 9 kHz - 220 MHz / 250 W	NT-330	☐ Voltage-divider 1:100	NT-427
☒ 500W1000M7 - RF-Amplifier 80 - 1000 MHz / 500 W	NT-332	☐ RF-Attenuator 6 dB	NT-428
☐ AS0102-65R - RF-Amplifier 1 GHz - 2 GHz	NT-333	☐ RF-Attenuator 0 dB - 81 dB	NT-429
☐ APA01 - RF-Amplifier 0,5 GHz - 2,5 GHz	NT-334	☐ WRU 27 - Band blocking 27 MHz	NT-430

Medizintechnik/
Nachrichtentechnik/EMV

Department: EMV

Test report number:
M/EMV-02/136

Page: 2 of 3

Date: 22.05.2002

Checked by: _____

Appendix 1 (continued)

Test equipment used

☐	WHJ450C9 AA - High pass 450 MHz	NT-431	☐	SPS_PHE - Test software voltage fluctuations/harmonics	NT-525
☐	WHJ250C9 AA - High pass 250 MHz	NT-432	☐	SPS_EM - Test software for PHE 4500/B	NT-527
☐	RF-Load 150 W	NT-433	☐	Noise power test apparatus according to EN 55014	NT-530
☐	Impedance transducer 50 Ohm – 800 Ohm	NT-435	☐	Vertical coupling plane (ESD)	NT-531
☐	I+P 7780 Directional coupler 100 - 2000 MHz	NT-440	☐	Equipment for ESD-pulse verification.	NT-532
☒	ESH3-Z2 - Pulse limiter 9 kHz - 30 MHz	NT-441	☐	TEM-Zelle	NT-533
☐	Power Divider 6 dB/1 W/50 Ohm	NT-443	☐	ESV-24 Plotter adapter	NT-540
☐	Directional coupler 0,1 MHz – 70 MHz	NT-444	☒	Test cables	NT-550
☐	Directional coupler 0,1 MHz – 70 MHz	NT-445	☒	Test cable #4 for EN 61000-4-6	NT-553
☐	Tube imitations according to EN 55015	NT-450	☒	Test cable #3 for conducted emission	NT-554
☒	FCC-801-M5-25 Coupling decoupling network	NT-460	☐	Test cable #5 ESD-cable (2x470k)	NT-555
☐	FCC-801-AF10 Coupling decoupling network	NT-461	☐	Test cable #6 ESD-cable (2x470k)	NT-556
☐	FCC-801-S25 Coupling decoupling network	NT-462	☐	Serial data - fiber optic link	NT-557
☐	FCC-801-T4 Coupling decoupling network	NT-463	☐	Test cable #8 Sucoflex 104EA	NT-559
☐	FCC-801-C1 Coupling decoupling network	NT-464	☐	Test cable #9 (for outdoor measurements)	NT-580
☐	F-16A - Current probe 1kHz - 70MHz	NT-465	☐	Test cable #10 (for outdoor measurements)	NT-581
☒	PC P450 - Test computer	NT-500	☒	Test cable #13 PBA-33PBC-10	NT-584
☐	SE 284 GPIB - Plotter	NT 502	☐	Shield chamber	NT-600
☐	PC P133 Test computer #2	NT-504	☐	Climatic chamber -55°C to +180°C	M-512
☐	PC P200 MMX Notebook	NT-505	☐	Control and simulation equipment for EUT	---
☐	PC PIII 933 MHz Notebook	NT-506			
☐	7110 - Controlling device for E-Field probe	NT-510			
☐	Monitoring camera with Monitor	NT-511			
☐	BSR-V1 - Video transmission system (optical fiber link)	NT-512			
☒	ES-K1 Test software	NT-520			
☐	ESPC-K1 Test software	NT-521			

Medizintechnik/
Nachrichtentechnik/EMV

Department: EMV

Test report number:
M/EMV-02/136

Page: 3 of 3

Date: 22.05.2002

Checked by: _____

