

TEST REPORT
of the accredited test laboratory

TÜV Nr.:M/EMV-02/283

about
the following EMC - test/- research

Applicant: Corinex Global Corp.
308 1168 Hamilton Street
Vancouver, B.C., V6B 2S2; Canada

Product: Corinex Intelligent Powernet USB Adapter
FCC-ID: QIU POWERNET-USB

Serial Number: Preproduction model

Standard: EN 55022:1998+A1:2000; EN 55024:1998+A1:2001;
EN 61000-3-2:2000; EN 61000-3-3:1995+A1:2001;
CISPR 22:1997

Division Medical
Technology/
Communication
Technology/ EMC

Testing Body for
Communication
Technology/ EMC

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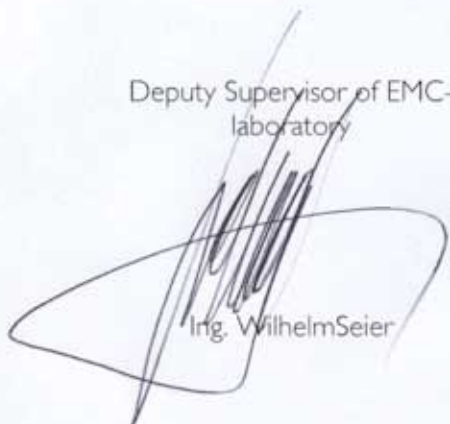
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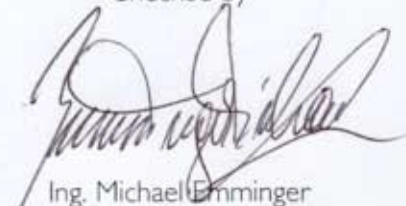
Deputy Supervisor of EMC-
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Ing. Wilhelm Seier



12.12.2002
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Ing. Michael Emminger

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

Contents

	Designation	page
1.	Applicant	3
2.	Description of EUT	4
3.	Standards / Final result	5
4.	Test results	6-29
Appendix	Designation	pages
1	Test equipment used	3
2	Photodocumentation	11
3	Measurement diagrams	4

1. Applicant

Company	Corinex Global Corp.
Department	
Address	# 308 1168 Hamilton Street; Vancouver, B.C., V6B 2S2; Canada
Contact person	Mr. Pavel Simon

EUT received on 10. 12. 2002

Tests were performed on 10. + 11. 12. 2002

2. Description of EUT

EUT	Corinex Powernet USB
Serial Number	0050C214E54E
Manufacturer	Corinex Global Corp. # 308 1168 Hamilton Street; Vancouver, B.C., V6B 2S2; Canada
Description	Corinex Global Corp. provided the following configuration for the measurements: USB-Powernetadapter preproduction model Laptop: Fujitsu Siemens Computers LifeBook C Series Product No: FPC05041BP S/N – Rev:02391376N02 Not having FCC ID
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 +A1:2000	Limits and methods of measurement of radio disturbance characteristics of information technology equipment	none	PASS
EN 55024:1998 +A1:2001	Information technology equipment - Immunity characteristics - Limits and methods of measurement	none	PASS
EN 61000-3-2:2000	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 +A1:2001	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 result:

4. 1.1.) Measurement with QP-Detector

Frequency MHz	Level dB μ V	Limit dB μ V	Margin dB	Exceed- Mark	Phase	PE
4,500	45,7	56,0	10,3		L1	FLO
4,690	46,9	56,0	9,1		L1	FLO
4,855	44,6	56,0	11,4		N	FLO
4,900	46,4	56,0	9,6		L1	FLO
11,525	47,7	60,0	12,3		N	FLO
12,710	49,0	60,0	11,0		N	FLO
16,210	48,4	60,0	11,6		N	FLO
17,200	47,1	60,0	12,9		N	FLO
19,735	48,6	60,0	11,4		N	FLO
20,115	47,8	60,0	12,2		L1	FLO

4. 1.2.) Measurement with AV-Detector

Frequency MHz	Level dB μ V	Limit dB μ V	Margin dB	Exceed- Mark	Phase	PE
0,185	49,6	54,2	4,6		L1	FLO
0,245	48,5	51,9	3,4		L1	FLO
0,305	45,5	50,1	4,6		L1	FLO
4,500	18,0	46,0	28,0		L1	FLO
4,675	19,4	46,0	26,6		L1	FLO
4,855	28,4	46,0	17,6		N	FLO
4,895	31,5	46,0	14,5		N	FLO
11,340	13,4	50,0	36,6		L1	FLO
11,525	32,3	50,0	17,7		N	FLO
17,605	29,9	50,0	20,1		N	FLO

4.2. Conducted emission on the USB line

Limits

Frequency range	Limit	
Detector	Quasi Peak	Average
0,150 - 0,5 MHz	40 - 30 dB μ A decreasing with the logarithm of frequency	30 - 20 dB μ A decreasing with the logarithm of frequency
0,5 - 30 MHz	30 dB μ A	20 dB μ A
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	Max Peak	Quasi Peak
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	10 dB	10 dB

Operating mode	Measuring result
transmit/receive data	Measurement diagram 2

Test result:

4. 2.1.) Measurement with QP-Detector

Due to the large margin of the results from the prescans to the limit, no final measurement was performed.

4. 2.2.) Measurement with AV-Detector

Due to the large margin of the results from the prescans to the limit, no final measurement was performed.

4. 3. 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 3, 4

Test result:

4. 3.1.) 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
34,25	14,4	39,6	25,2		240	316	VERTICAL
38,80	37,7	39,6	1,9		100	261	VERTICAL
44,25	37,6	39,6	2,0		124	0	VERTICAL
53,10	13,1	39,6	26,5		175	45	VERTICAL
93,55	10,4	39,6	29,2		206	339	VERTICAL
103,95	33,7	39,6	5,9		400	0	HORIZONTAL
107,55	15,5	39,6	24,1		212	317	VERTICAL
200,00	38,8	39,6	0,8		100	212	VERTICAL

4. 3.2.) 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	38,6	39,6	1,0		100	208	VERTICAL
400,00	35,3	46,6	11,3		100	353	HORIZONTAL
500,00	34,0	46,6	12,6		114	0	HORIZONTAL
600,00	32,4	46,6	14,2		174	135	HORIZONTAL
664,40	35,4	46,6	11,2		115	129	VERTICAL
797,45	32,6	46,6	14,0		108	353	VERTICAL

4.4. 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.

4. 5. Voltage fluctuations and flicker

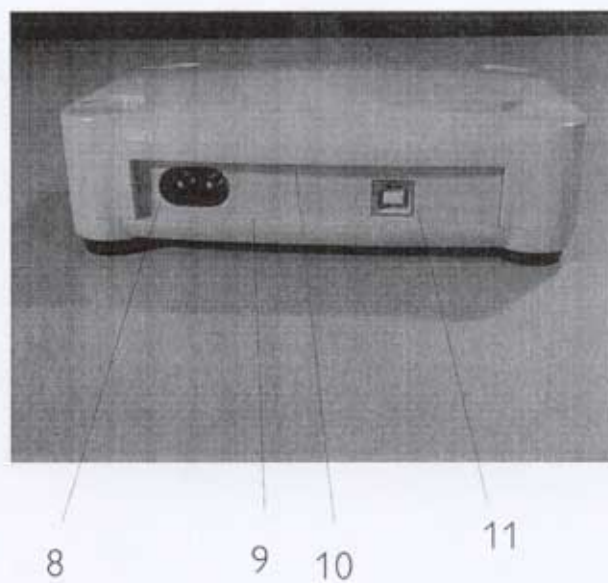
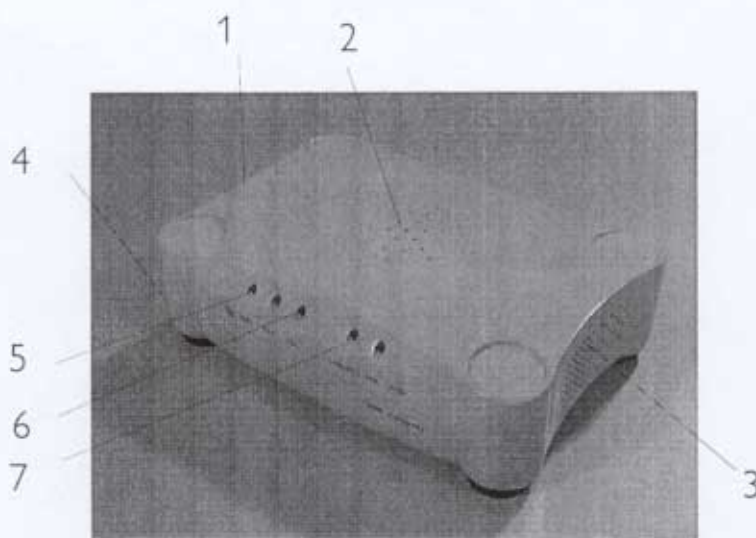
Because the equipment has a very low power consumption (the AC mains port is only used as data port), it is unlikely to produce significant voltage fluctuations or flicker and therefore no measurement was performed.

4. 6. 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 11 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 result:

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

4.7. 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 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		

4.8. 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
The USB-Line is shorter then 3 m and therefore the test isn't applicable.					

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 result:

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

4. 9. 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_n 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
The USB-Line is shorter then 3 m and therefore the test isn't applicable.					

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 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. 10. 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
The USB-Line will not be connected with lines outside from buildings and therefore the test isn't applicable.					

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. 10.1.) 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. 10.2.) 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. 11. 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 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. Antenna 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 100 kHz - 3 GHz	NT-245
☐	Conical Dipol Antenna PCD8250	NT-138	☐	Magneticfield-Sensor 300 kHz - 30 MHz	NT-246
☐	HZ-1 Antenna tripod	NT-150	☐	E-field probe 10 MHz - 18 GHz	NT-247
☐	BN 1500 Antenna tripod	NT-151	☐	H-field probe 10 MHz - 1 GHz	NT-248
☐	ESVP - Test receiver 20 - 1000 MHz	NT-201	☐	MDS 21 - Absorbing clamp 30 - 1000 MHz	NT-250
☐	Switchbox	NT-202	☒	FCC-2031 EM Injection clamp	NT-251

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Department: EMV

Test report number:
M/EMV-02/283

Page: 1 of 3

Date: 12. 12. 2002

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Appendix 1 (continued)

Test equipment used

☐ FCC-203I-DCN Ferrite decoupling network	NT-252	☒ 500W1000M7 - RF-Amplifier 80 - 1000 MHz / 500 W	NT-332
☐ PR50 Current Probe	NT-253	☒ AS0102-65R - RF-Amplifier 1 GHz - 2 GHz	NT-333
☐ Model 2000 Digital Multimeter	NT-261	☐ APA01 - RF-Amplifier 0,5 GHz - 2,5 GHz	NT-334
☐ Fluke 97 Digital Multimeter	NT-262	☐ Preamplifier 1 GHz - 4 GHz	NT-335
☐ Fluke 97 Digital Multimeter	NT-263	☐ 2-97201 Electronic load	NT-341
☒ ESH2-Z5 Artificial mains network 4x25A	NT-300	☐ TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-344
☐ ESH3-Z5 Artificial mains network 2x10A	NT-301	☐ TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-345
☐ ESH3-Z6 Artificial mains network 1x100A	NT-302	☐ VDS 200 Mobil-impuls-generator	NT-350
☐ ESH3-Z4 T-Artificial network	NT-303	☐ LD 200 Mobil-impuls-generator	NT-351
☒ PHE 4500/B Power amplifier	NT-304	☐ MPG 200 Mobil-Impuls-Generators	NT-352
☐ EZ10 T-Artificial network	NT-305	☐ EFT 200 Mobil-impuls-generator	NT-353
☐ MidiStar Telephone exchange	NT-306	☐ FP 16/3-1 3 ph. Coupling filter (Burst)	NT-400
☒ SMG - Signal generator 0,1 - 1000 MHz	NT-310	☒ PHE 4500 - Mains impedance network	NT-401
☐ PM 5518 TXVPS Video generator	NT-311	☐ FP-SURGE 32.1 3 ph. Coupling filter (Surge)	NT-402
☐ RefRad Reference generator	NT-312	☐ IP 6.2 Coupling filter for data lines (Surge)	NT-403
☐ SMP 02 Signal generator 10 MHz - 20 GHz	NT-313	☐ ESH2-Z3 - Probe 9 kHz - 30 MHz	NT-410
☐ 40 MHz Arbitrary Generator T1241	NT-315	☒ 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

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Department: EMV

Test report number:
M/EMV-02/283

Page: 2 of 3

Date: 12. 12. 2002

Checked by: M

Appendix 1 (continued)

Test equipment used

☐ RF-Attenuator 6 dB	NT-428	☐ BSR-V1 - Video transmission system (optical fiber link)	NT-512
☐ RF-Attenuator 0 dB - 81 dB	NT-429	☒ ES-K1 Test software	NT-520
☐ WRU 27 - Band blocking 27 MHz	NT-430	☐ ESPC-K1 Test software	NT-521
☐ 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 P4 1700 MHz 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		

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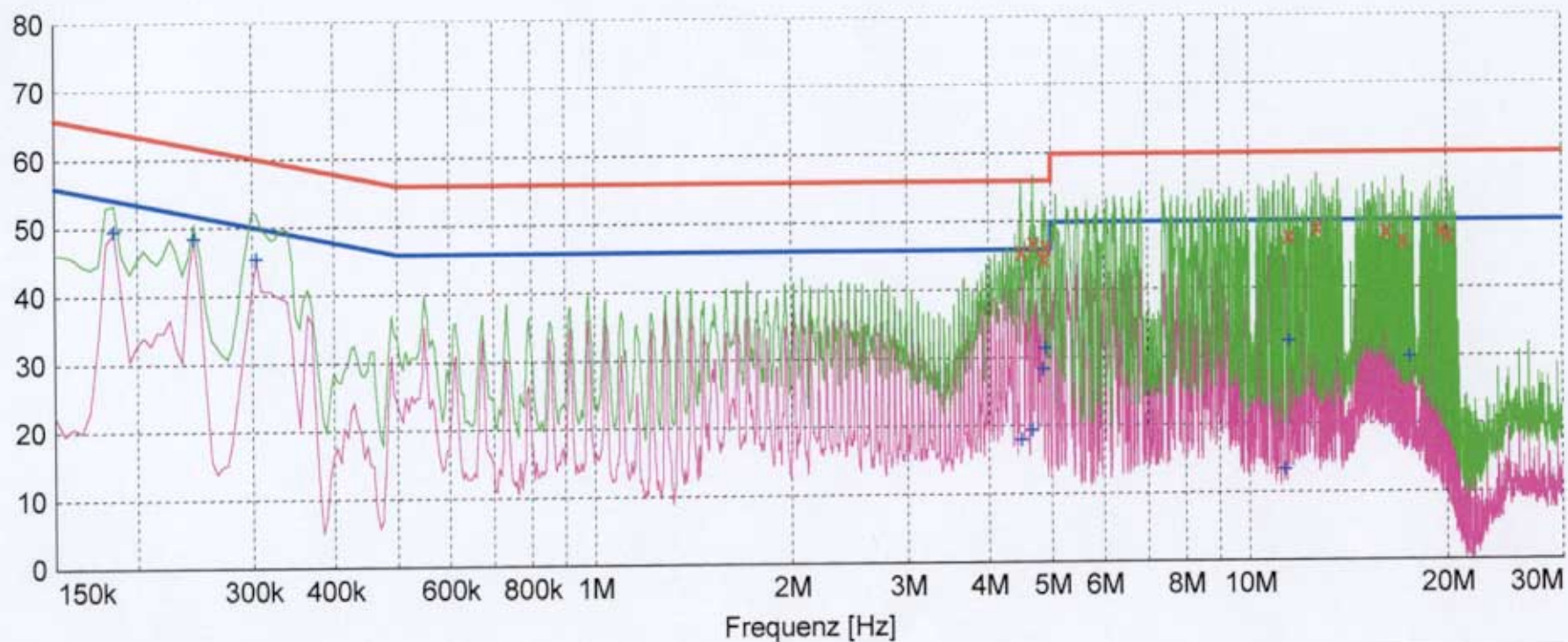
Test report number:
M/EMV-02/283

Page: 3 of 3

Date: 12. 12. 2002

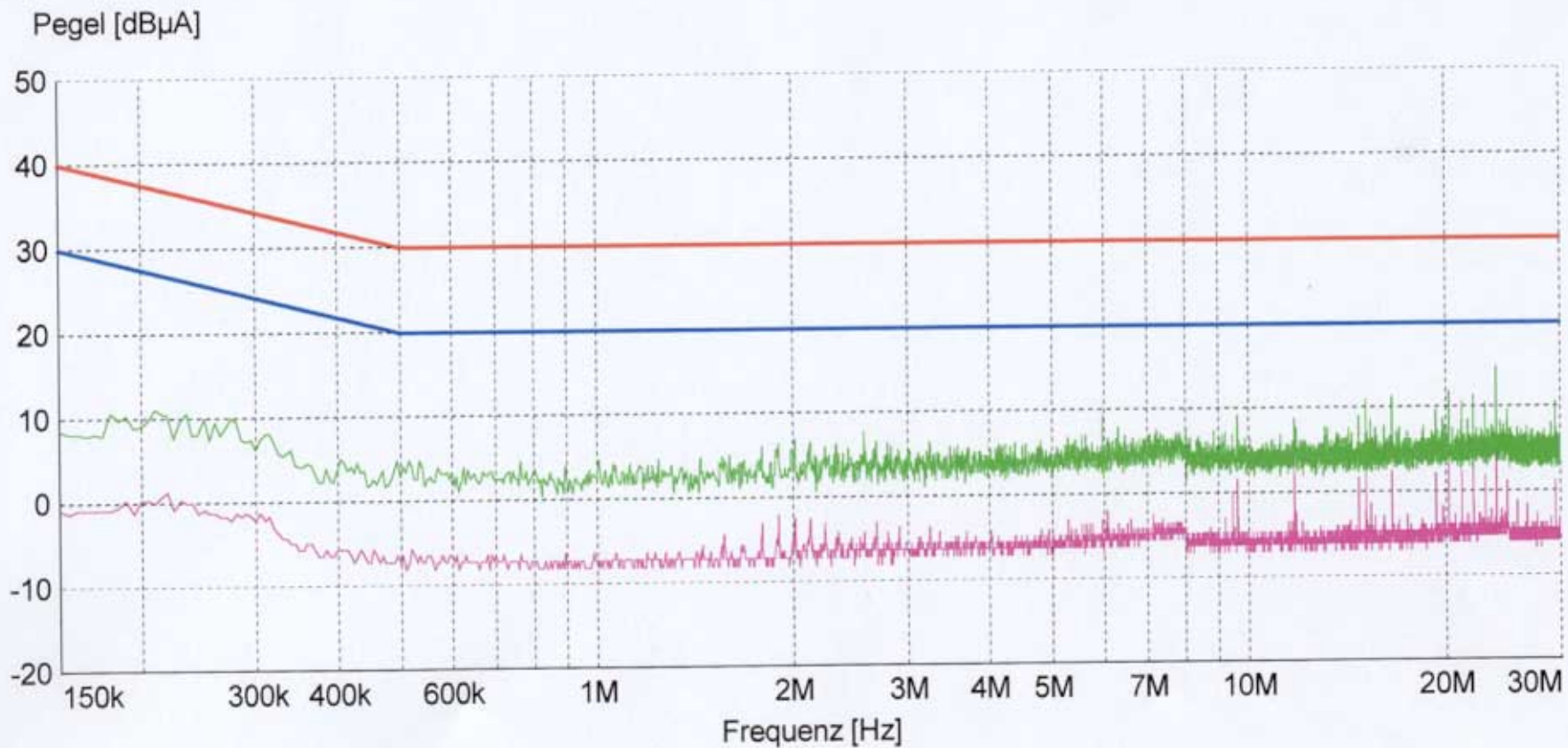
Checked by: 

Pegel [dB μ V]



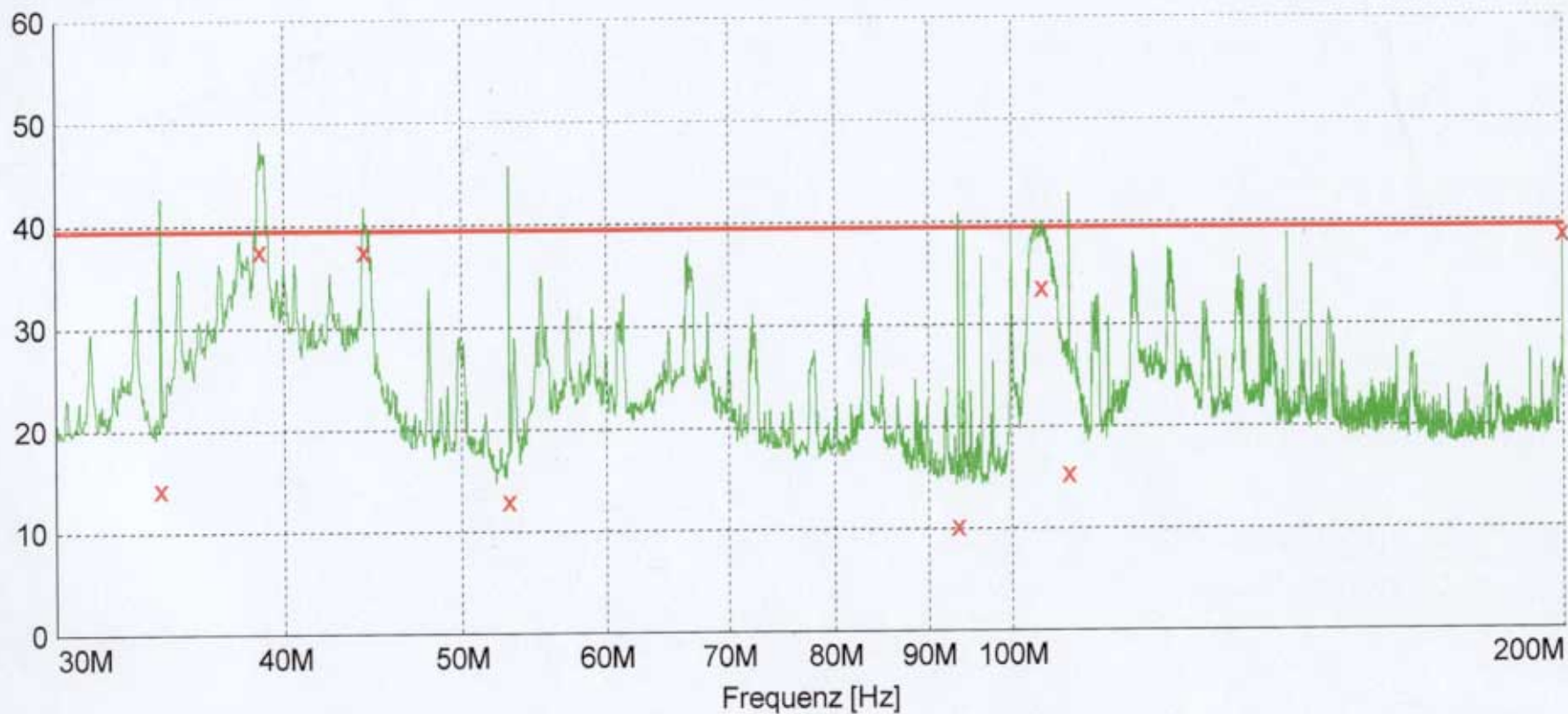
x x ; MES Cor_USB2_V1_fin QP
+ + - MES Cor_USB2_V1_fin AV
— MES Cor_USB2_V1_pre PK
— MES Cor_USB2_V1_pre AV
— LIM EN 55022 V QP
— LIM EN 55022 V AV

EN 55022 V QP
EN 55022 V AV



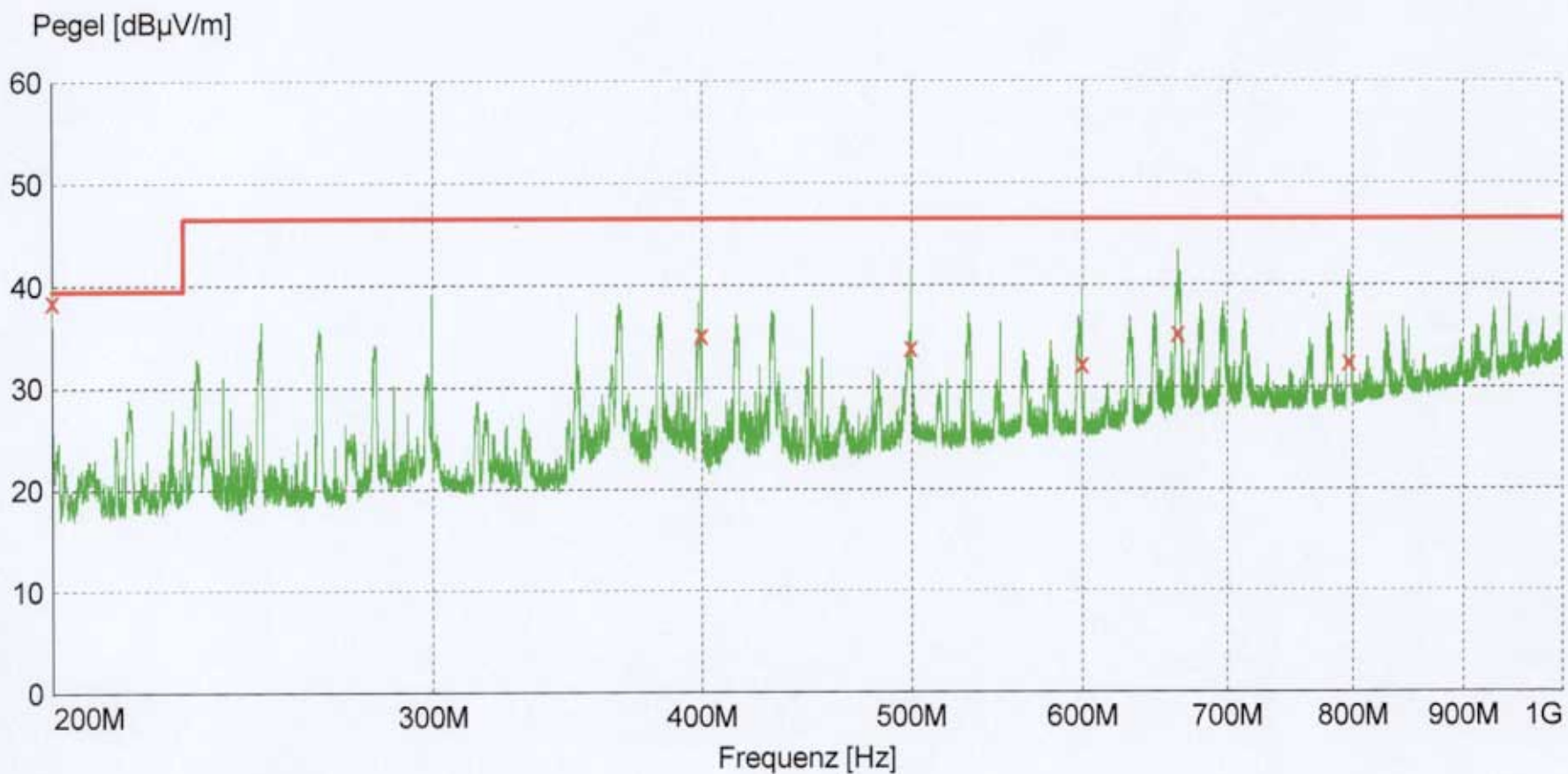
— MES Cor_USB2_C1_pre PK
 — MES Cor_USB2_C1_pre AV
 — LIM EN 55022 C QP
 — LIM EN 55022 C AV

Pegel [dB μ V/m]



x x : MES Cor_USB2_F1_fin QP
 — MES Cor_USB2_F1_pre PK
 — LIM EN 55022 F QP

EN 55022 F QP



x x : MES Cor_USB2_F2_fin QP
 — MES Cor_USB2_F2_pre PK
 — LIM EN 55022 F QP

EN 55022 F QP