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1. SUMMARY OF TEST RESULTS

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

Emission tests	FCC Rules and Regulations part 15, subpart B, class B
Conducted emission, AC mains	Passed
Radiated electromagnetic field	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 test results relate only to the specimen tested.

2. TEST SPECIMEN

Category	:	Printer server
Manufacturer	:	i-data International A/S
Model/Type	:	EasyCom 10/100 X62 403
Part no.	:	962403-000
Serial no.	:	01008337
Supply voltage	:	7.5 VDC from 115 VAC adapter
Operational mode	:	Normal operation

3. GENERAL TEST CONDITIONS

3.1 Test set-up

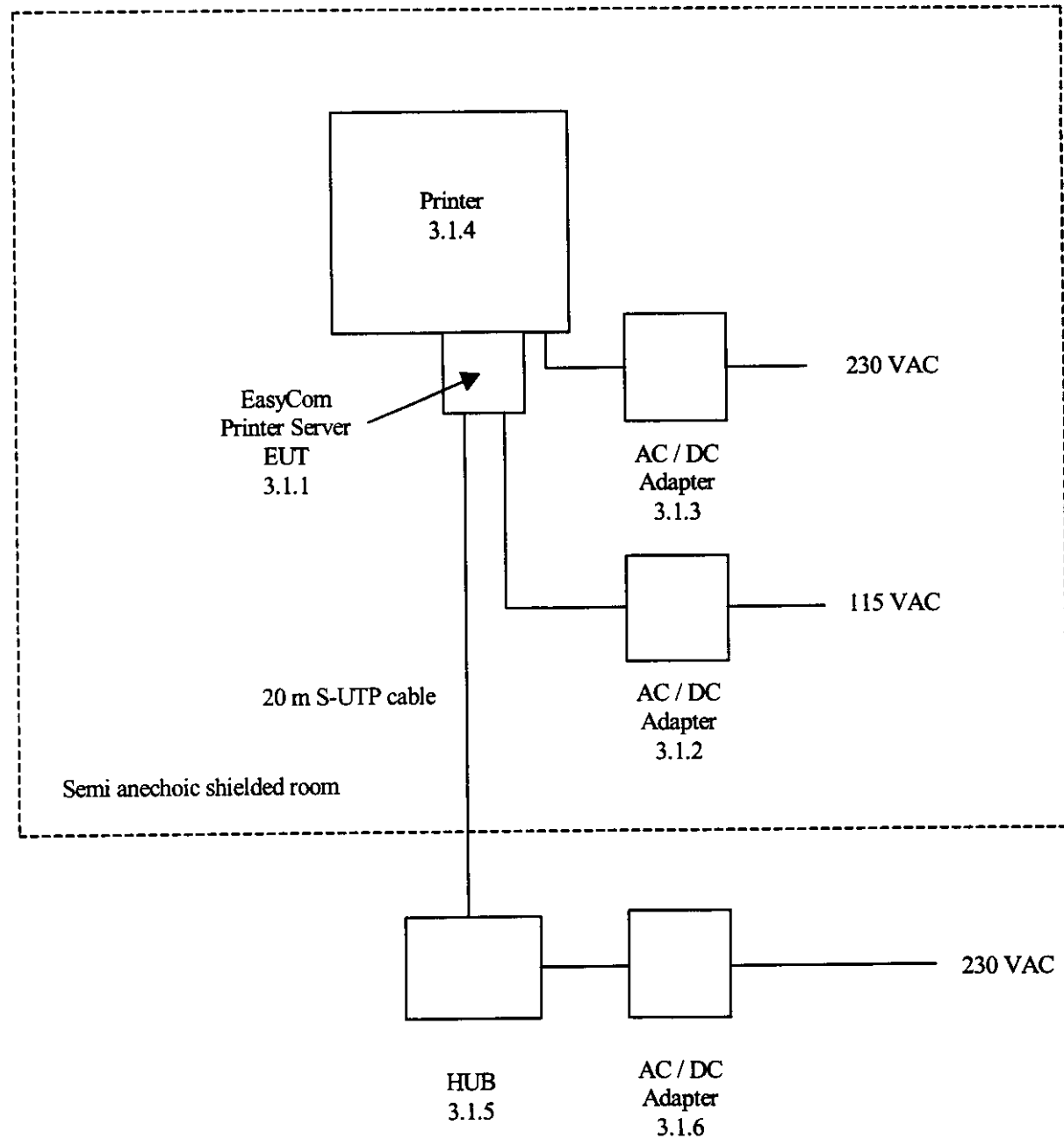


FIG. 1 Test set-up including test object and peripheral equipment.

The complete system used during the tests consisted of the following units:

3.1.1 Printer Server EUT

Manufacturer : i-data International A/S
Model/type : EasyCom 10/100 X62 403
Part no. : 962403-000
Serial no. : 01008337
FCC ID. : -

3.1.2 AC / DC Adapter

Manufacturer : ONTOP
Model/type : SA10-0705
Part no. : -
Serial no. : -
FCC ID : -

3.1.3 AC / DC Adapter

Manufacturer : Hewlett Packard (DELTA Electronics Inc.)
Model/type : C6409 - 60014 (ADP-20HB,Rev. A)
Part no. :
Serial no. : T5838041928
FCC ID : -

3.1.4 Printer

Manufacturer : Hewlett Packard
Model/type : C6410A
Part no. : -
Serial no. : SG89A2W2HT
FCC ID : (DoC)

3.1.5 HUB (Fast Ethernet Hub)

Manufacturer : Level One
Model/type : FHU-0401TXS
Part no. : -
Serial no. : -
FCC ID : -

3.1.6 AC / DC Adapter

Manufacturer : -
Model/type : A41211G
Part no. : 15507
Serial no. : -
FCC ID : -

4. TESTS AND RESULTS

4.1 Conducted emission, AC mains (FCC part 15, subpart B, class B)

	Requirements
Specification	FCC Rules and Regulations part 15, subpart B, class B
Test method	FCC Rules and Regulations part 15, subpart B, class B
Test set-up	ANSI C63.4:1992
Frequency range	0.45-30 MHz
Limit: (quasi-peak)	0.45-30 MHz: 48 dB μ V
Test record sheets and photos	

Results:

The emission was within the specified limits.

Comments:

The conducted emission was measured at AC mains on AC / DC adapter.
The supply voltage was 115 VAC to AC / DC adapter.

4.2 Radiated electromagnetic field (FCC part 15, subpart B, class B)

	Requirements	
Specification	FCC Rules and Regulations part 15, subpart B, class B	
Test method	FCC Rules and Regulations part 15, subpart B, class B	
Test set-up	ANSI C63.4:1992	
Measuring distance	3 m	
Frequency range	30-1000 MHz	
Limit: (quasi-peak)	30-88 MHz:	40 dB μ V/m
	88-216 MHz:	43.5dB μ V/m
	216-960 MHz:	46 dB μ V/m
	960-1000 MHz:	54 dB μ V/m
Test record sheets and photos		<i>Annex 3</i>

Results:

The emission was within the specified limits.

Comments:

The supply voltage was 115 VAC to AC / DC adapter.

ANNEX 1

List of instruments

(1 page)

LIST OF INSTRUMENTS

EC NO.	INSTRUMENT	MANUFACTURER	TYPE
29985	BILOG ANTENNA, 26-2000 MHz	CHAFFNER / CHASE	6140A
29461	ARTIFICIAL MAINS NETWORK	ROHDE & SCHWARZ	ESH2-Z5
29916	AUTOMATIC EMI RECEIVER	ROHDE & SCHWARZ	ESCS-30
29861	EMI-SOFTWARE Ver. 1.50c	ROHDE & SCHWARZ	ES-K1, PART: 1026.6790.02

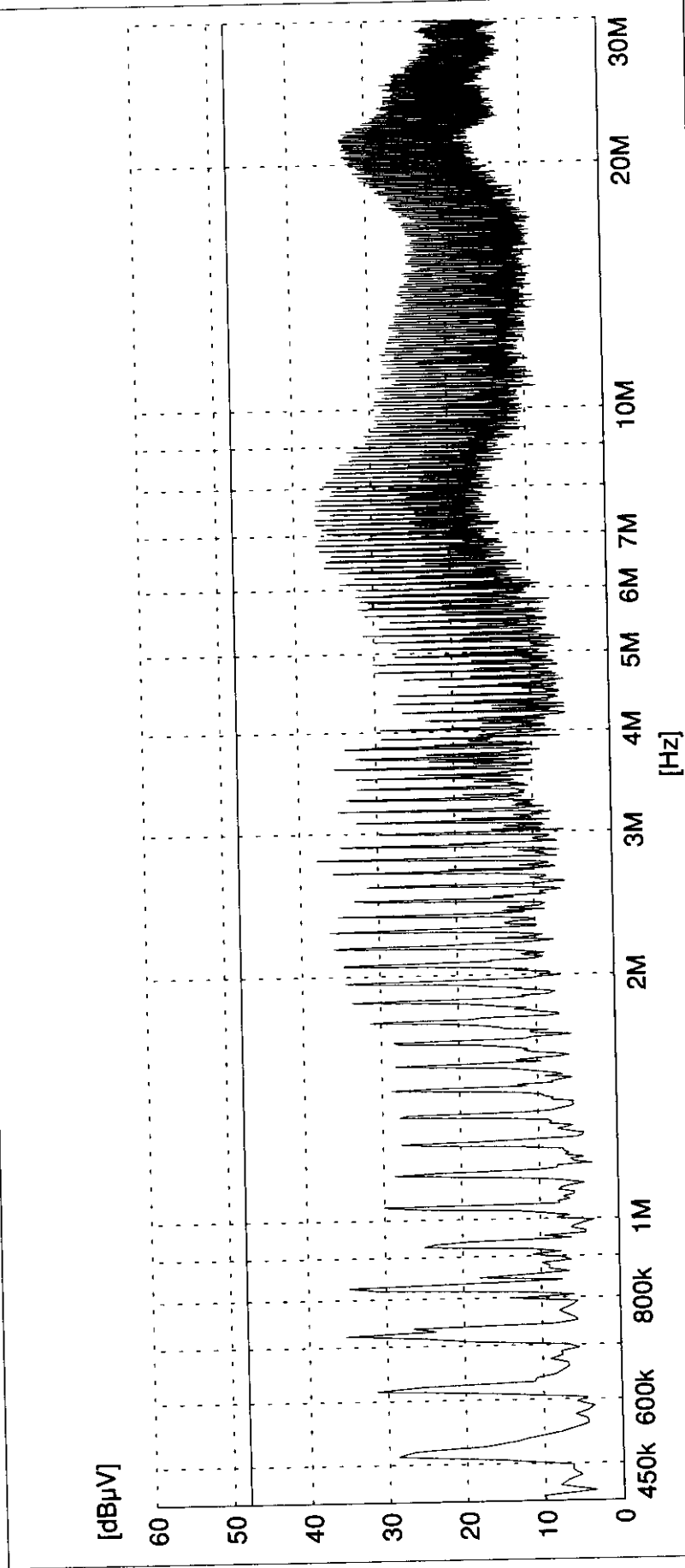
ANNEX 2

Test record sheets and photos regarding
conducted emission, AC mains (FCC part 15, subpart B, class B)

(3 pages)

DELTA Electronics Testing

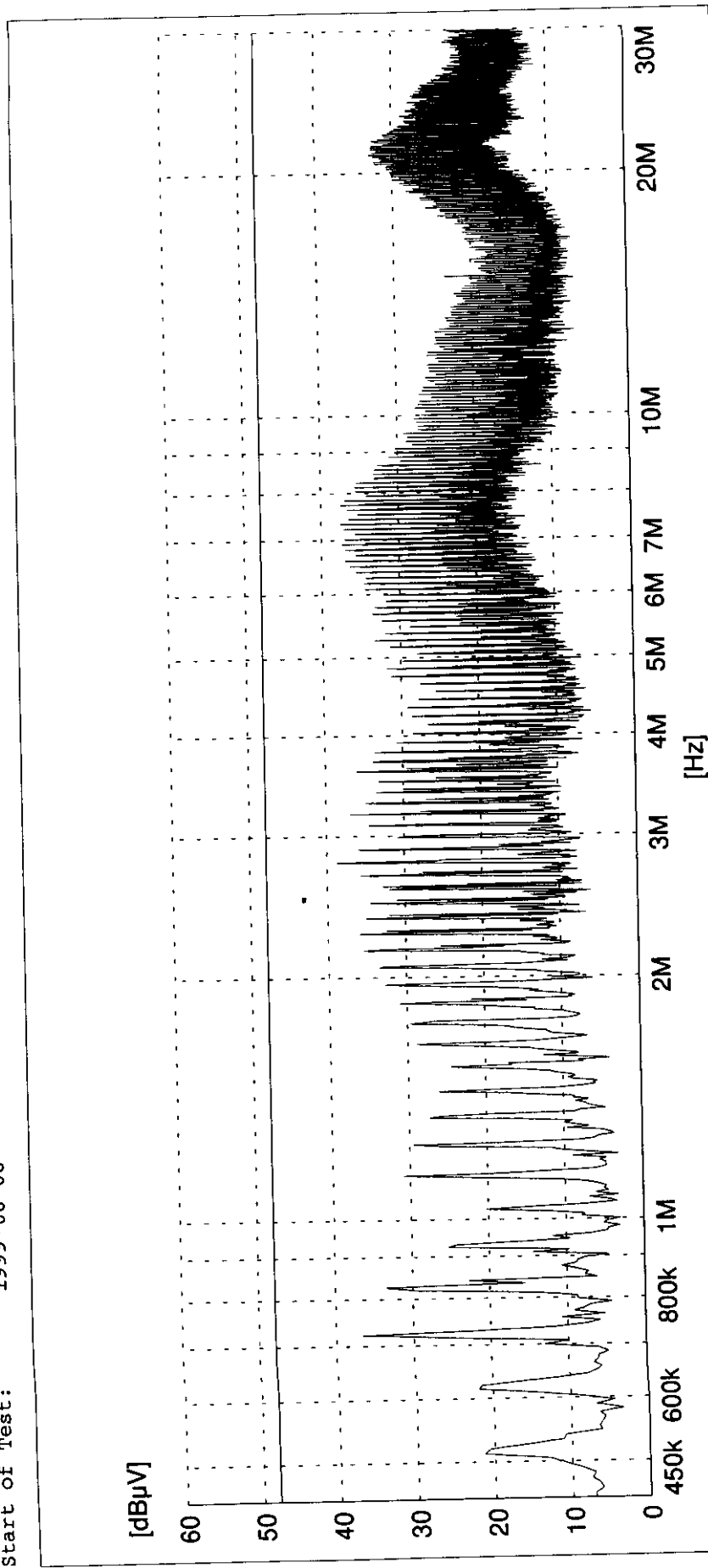
EUT: EasyCom 10/100. S-UTP cable.
 Manufacturer: I-DATA
 Operating Condition: Line no.: Neutral, 115 Vac.
 Test Site: EMC-5
 Operator: HEN-K220944
 Test Specification: FCC class B.
 Comment: Sheet 7
 Start of Test: 1999-06-08



— MES CE 0.45-30 PK MaxPk
 — LIM FCC ClassB V QP

DELTA Electronics Testing

EUT: EasyCom 10/100. S-UTP cable.
 Manufacturer: I-DATA
 Operating Condition: Line no.: Line 1, 115 Vac.
 Test Site: EMC-5
 Operator: HEN-K220944
 Test Specification: FCC class B.
 Comment: Sheet 8
 Start of Test: 1999-06-08



MES CE 0.45-30 PK MaxPk
 LIM FCC ClassB V QP

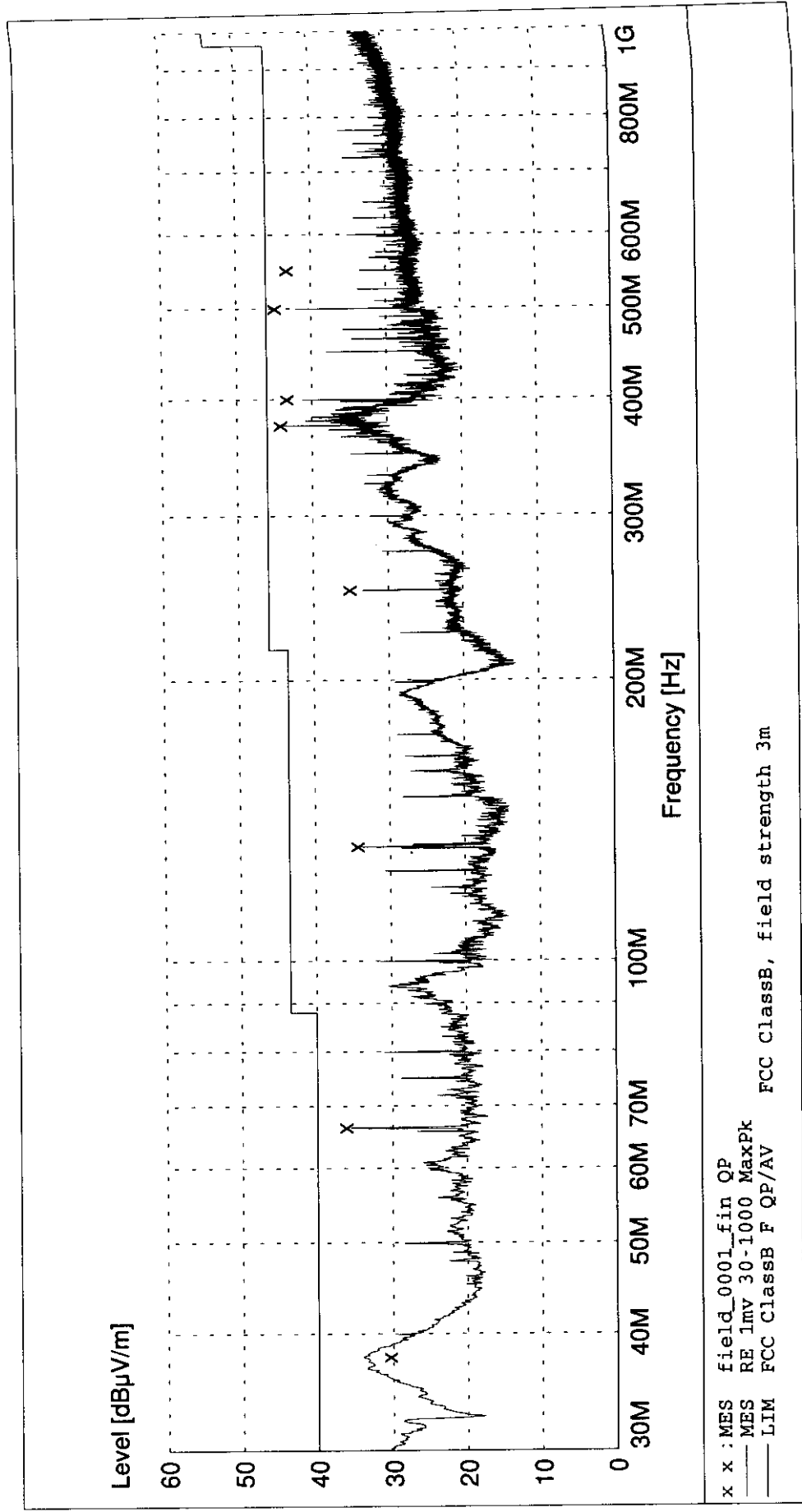
MEASUREMENT RESULT: "field_0001_fin_QP"

08-06-99 12:36

Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Height cm	Azimuth deg	Polarisation
37.800000	30.70	9.4	40.0	9.2	102.0	1.00	VERTICAL
66.350000	36.50	10.8	40.0	3.4	102.0	5.00	VERTICAL
132.700000	34.70	9.5	43.5	8.7	102.0	196.00	VERTICAL
250.030000	35.50	15.3	46.0	10.4	288.0	2.00	HORIZONTAL
375.040000	44.60	18.5	46.0	1.3	132.0	359.00	VERTICAL
400.040000	43.70	19.5	46.0	2.2	109.0	346.00	VERTICAL
500.060000	45.20	21.7	46.0	0.7	197.0	166.00	VERTICAL
550.000000	43.60	22.8	46.0	2.3	121.0	0.00	HORIZONTAL

DELTA Electronics Testing

EUT: EasyCom 10/100. S-UTP cable.
 Manufacturer: I-DATA
 Operating Condition: ant 1 m vertical, 115 Vac.
 Test Site: EMC-5
 Operator: HEN-K220944
 Test Specification: FCC class B.
 Comment: Sheet 5
 Start of Test: 1999-06-08



ANNEX 3

Test record sheets and photos regarding
radiated electromagnetic field (FCC part 15, subpart B, class B)

(3 pages)

LIABILITY

The following provisions shall apply in respect of accredited testing and calibration tasks conducted by DELTA Danish Electronics, Light & Acoustics (hereinafter DELTA) and of test reports and calibration certificates issued by DELTA.

1. DELTA shall not be liable for any loss or damage unless it is established that such loss or damage results from negligence or breach of duty on the part of DELTA.
2. The procedures used for testing/calibration and the preparation of the present test report/calibration certificate are based on the knowledge and techniques available to DELTA at the time of testing/calibration. DELTA shall not be held liable should subsequent technical developments indicate that such knowledge or techniques were inadequate or incorrect.
3. DELTA shall not be liable for loss or damage
 - in cases where the product causing such loss or damage has not been tested by DELTA, except where it is established that such product is identical to one tested or examined by DELTA, or
 - in cases where such loss or damage results from a prop-

erty of a product or of a user, to which such product is put, which either has not been tested or examined and described in the present report, or differs from DELTA's description in that report of the properties of the product or of uses to which it might be put.

4. DELTA will in no event be liable for consequential losses such as, but not limited to, loss of profit.
5. Should a third party enter a claim for compensation which exceeds the limits for DELTA's liability as set out in § 1-4 above, then defence against any such claim shall be the responsibility of the Client if DELTA so requires, and all costs of such defence and of any litigation in connection therewith shall be borne by the Client. Should DELTA be held liable or otherwise be ordered to make payments in excess of the limits set out in § 1-4, then the Client shall be obliged to indemnify and hold DELTA harmless in respect of such excess.
6. Any dispute arising out of or relating to this Test Report shall be referred to Copenhagen Arbitration. The interpretation and performance of this Test Report shall be governed by and construed in accordance with the laws of Denmark.

DANAK (DANISH ACCREDITATION)

DANAK was established in 1991 in pursuance of the Industry and Trade Promotion Act No. 394 of 13 June 1990. The scheme is a continuation of the accreditation scheme established in 1973 under the auspices of the former Danish National Testing Board (STP).

The requirements to the accredited testing laboratories are laid down in the Danish Agency for Development of Trade and Industry Statutory Order No. 258 of 11 April 1994 on accreditation of laboratories to perform technical testing etc.

The standards DS/EN 45001 „General criteria for the operation of testing laboratories“ and DS/EN 45002 „General criteria for the assessment of testing laboratories“ are integrated parts of the statutory order.

In order to obtain accreditation to perform technical testing it is, among other things, required:

- that the testing laboratory and its personnel are free from any commercial, financial and other pressures which might influence their technical judgement
- that the testing laboratory operates a quality system which is documented,
- that the testing laboratory is furnished with all items of

equipment required for a correct performance of the tests and measurement to which the laboratory is accredited to perform.

- that the testing laboratory has sufficient personnel, having the necessary education, training, technical knowledge and experience for their assigned functions
- that the testing laboratory has procedures for traceable calibration of equipment used in accredited testing,
- that accredited test reports are issued in fully documented methods
- that the testing laboratory has records which contain sufficient information to permit verification of the test,
- that the testing laboratory is assessed and surveyed by DANAK on a regular basis
- that the accredited laboratory shall take out an insurance which will cover liability in connection with accredited testing

Test reports carrying the logo of DANAK are used to report accredited testing and the logo shows that the testing has been performed in accordance with the rules of accreditation.