Exhibit B FCC ID: HST181

Test Report, Measurements of RFI

The following pages show the test setup and the test results for Olicom RF3530. There are two reports one showing test using unshielded cable and one for shielded cable.

TEST REPORT

DANAK
Reg. no. 19

Measurements of radio frequency interference from OC-3530 using unshielded cable
Manufactured by Olicom A/S
Project no.: K220578-2
Date: 1998-05-29

DELTA
Electronics Testing

Venlighedsvej 4
DK-2970 Hørsholm
Denmark

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

Title	Measurements of radio frequency interference from OC-3530 using unshielded cable
Test object	OC-3530
Report no.	DANAK-193866
Project no.	K220578-2
Dates of test	1998-03-05 and 1998-03-06
Client	Olicom A/S Nybrovej 114 DK-2800 Lyngby Denmark Telephone: +45 45 27 00 00 Fax: +45 45 27 01 01
Contact person	Mr. Bo Bøgeskov Thomsen
Manufacturer	Olicom A/S
Specifications	EN 55022 class B FCC Rules and Regulations part 15, subpart B, class B VCCI class B
Test personnel	Henrik Egeberg Nielsen
Results	The emission from the OC-3530 was below the limit of EN 55022 class B, FCC Rules and Regulations part 15, subpart B, class B and VCCI class B when using UTP cable.

Date 1998-05-29

Project manager

Christian Maarssø, B.Sc.E.E., EMC
DELTA Electronics Testing

Responsible

Jørgen Duvald Christensen
Department Manager, EMC
DELTA Electronics Testing

TABLE OF CONTENTS **PAGE**

1. SUMMARY OF TEST RESULTS

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

Emission tests	EN 55022 class B	FCC class B*	VCCI class B	CISPR 22 class B
Conducted emission, AC mains	Passed	Passed	Passed	Passed
Radiated electromagnetic field	Passed	Passed*	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

Category	:	Computer network
Manufacturer	:	Olicom A/S
Model/Type	:	OC-3530
Part no.	:	-
Serial no.	:	133430004
Supply voltage	:	115 / 230 VAC
Operational mode	:	H-test. See *section 3.1*.

3. GENERAL TEST CONDITIONS

3.1 Test set-up

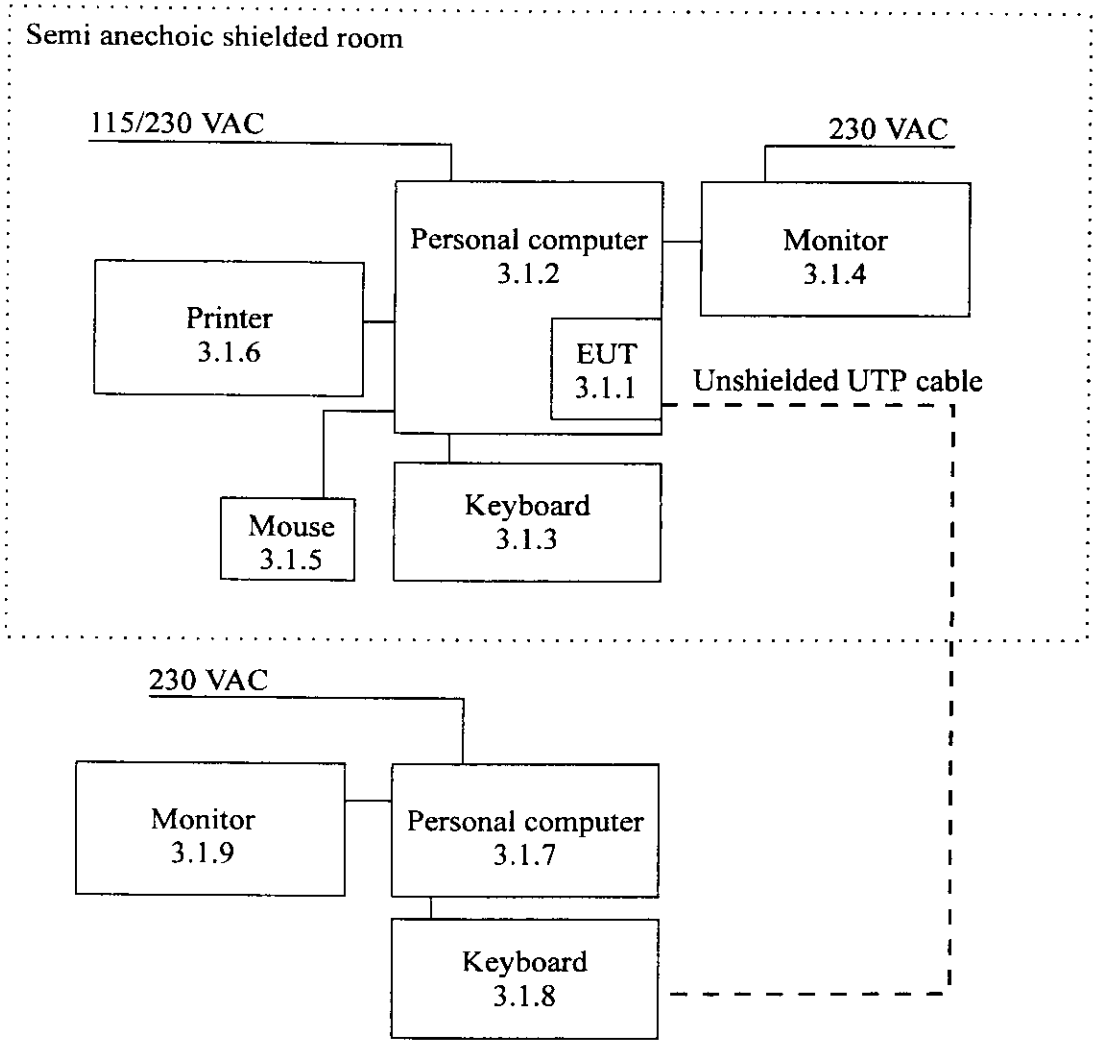


FIG. 1 Test set-up including test object and peripheral equipment.

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

3.1.1 EUT

Manufacturer	:	Olicom A/S
Model/Type	:	OC-3530
Part no.	:	-
Serial no.	:	133430004

3.1.2 Personal computer

Manufacturer	:	Gateway 2000
Model/type	:	ATX Tower
Part no.	:	-
Serial no.	:	5614156
FCC ID	:	HWYTHP5133T

3.1.3 Keyboard

Manufacturer	:	Digital
Model/type	:	RT102
Part no.	:	120117 Rev. A
Serial no.	:	70540913
FCC ID	:	AQ6-MTN4XZ15

3.1.4 Monitor

Manufacturer	:	Gateway 2000
Model/type	:	CPD-15F23
Part no.	:	-
Serial no.	:	8273058
FCC ID	:	AK8CPD15SF1

3.1.5 Mouse

Manufacturer	:	Logitech
Model/type	:	M-RB24
Part no.	:	-
Serial no.	:	MA1039300161
FCC ID	:	DZLMRB24T

3.1.6 Printer

Manufacturer	:	Hewlett Packard
Model/type	:	DeskJet 550 C
Part no.	:	-
Serial no.	:	3316S41924
FCC ID	:	B94C212X

3.1.7 Personal Computer

Manufacturer	:	NEC
Model/type	:	MT-2300-20002
Part no.	:	-
Serial no.	:	4X02969UB
FCC ID	:	B7Z14

3.1.8 Keyboard

Manufacturer	:	Gateway 2000
Model/type	:	2194013-XX-XXX
Part no.	:	-
Serial no.	:	101KEYBPS2
FCC ID	:	D7J2194013-XX

3.1.9 Monitor

Manufacturer	:	KFC
Model/type	:	-
Part no.	:	CB1414VL
Serial no.	:	CAKKU6938116
FCC ID	:	-

4. TESTS AND RESULTS

4.1 Conducted emission, AC mains (EN 55022, class B)

	Requirements	
Specification	EN 50081-1:1992	
Test method	EN 55022:1994 (CISPR 22:1993), class B	
Frequency range	0.15 - 30 MHz	
Limit: (quasi-peak)	0.15-0.50 MHz: (decreasing lin. with the logarithm of freq.)	66-56 dBµV
	0.50-5 MHz:	56 dBµV
	5-30 MHz:	60 dBµV
Limit: (average)	0.15-0.50 MHz: (decreasing lin. with the logarithm of freq.)	56-46 dBµV
	0.50-5 MHz:	46 dBµV
	5-30 MHz:	50 dBµV
Supply voltage		230 VAC
Test record sheets		*Annex 2*

Results:

The emission was within the specified limits.

Comments:

None.

4.2 Conducted emission, AC mains (FCC, class B / EN 55022, class B)

	Requirements	
Specification	FCC Rules and Regulations part 15, subpart B class B, demonstrated by compliance with EN 55022:1994, class B	
Test method	CISPR 22:1993	
Frequency range	0.15 - 30 MHz	
Test set-up	ANSI C63.4:1992	
Limit: (quasi-peak)	0.15-0.50 MHz: (decreasing lin. with the logarithm of freq.)	66-56 dBµV
	0.50-5 MHz:	56 dBµV
	5-30 MHz:	60 dBµV
Limit: (average)	0.15-0.50 MHz: (decreasing lin. with the logarithm of freq.)	56-46 dBµV
	0.50-5 MHz:	46 dBµV
	5-30 MHz:	50 dBµV
Supply voltage		115 VAC
Test record sheets		*Annex 3*

Results:

The emission was within the specified limits.

Comments:

None.

4.3 Conducted emission, AC mains (VCCI, class B)

	Requirements	
Specification	VCCI:1989	
Test method	EN 55022:1994 (CISPR 22:1993), class B	
Frequency range	0.15 - 30 MHz	
Limit: (quasi-peak)	0.15-0.50 MHz: 0.50-5 MHz: 5-30 MHz:	66-56 dBµV 56 dBµV 60 dBµV
Limit: (average)	0.15-0.50 MHz: 0.50-5 MHz: 5-30 MHz:	56-46 dBµV 46 dBµV 50 dBµV
Supply voltage		230 VAC
Test record sheets		*Annex 4*

Results:

The emission was within the specified limits.

Comments:

None.

4.4 Radiated electromagnetic field (EN 55022, class B)

	Requirements	
Specification	EN 50081-1:1992	
Test method	EN 55022:1994 (CISPR 22:1993), class B	
Measuring distance	10 m	
Frequency range	30 - 1000 MHz	
Limit: (quasi-peak)	30-230 MHz: 230-1000 MHz:	30 dBµV/m 37 dBµV/m
Supply voltage		115 VAC
Test record sheets and photos		*Annex 5*

Results:

The emission was within the specified limits.

Comments:

None.

4.5 Radiated electromagnetic field (FCC, class B / EN 55022, class B)

	Requirements	
Specification	FCC Rules and Regulations part 15, subpart B, class B, demonstrated by compliance with EN 55022:1995, class B	
Test method	EN 55022:1995 (CISPR 22:1993), class B	
Test set-up	ANSI C63.4:1992	
Measuring distance	10 m	
Frequency range	30 - 1000 MHz	
Limit: (quasi-peak)	30-230 MHz: 230-1000 MHz:	30 dBµV/m 37 dBµV/m
Supply voltage		115 VAC
Test record sheets and photos		*Annex 6*

Results:

The emission was within the specified limits.

Comments:

None.

4.6 Radiated electromagnetic field (VCCI, class B)

	Requirements	
Specification	VCCI:1989	
Test method	EN 55022:1994 (CISPR 22:1993), class B	
Measuring distance	10 m	
Frequency range	30 - 1000 MHz	
Limit: (quasi-peak)	30-230 MHz: 230-1000 MHz:	30 dBµV/m 37 dBµV/m
Supply voltage		115 VAC
Test record sheets and photos		*Annex 7*

Results:

The emission was within the specified limits.

Comments:

None.

ANNEX 1

List of instruments

(1 page)

LIST OF INSTRUMENTS

EC NO.	INSTRUMENT	MANUFACTURER	TYPE
29797	BILOG ANTENNA	CHASE	CBL 6111A
29301	ARTIFICIAL MAINS NETWORK	ROHDE & SCHWARZ	ESH2-Z5
29337	ARTIFICIAL MAINS NETWORK	ROHDE & SCHWARZ	ESH2-Z5
29772	MEASURING RECEIVER	ROHDE & SCHWARZ	ESVP
29300	MEASURING RECEIVER	ROHDE & SCHWARZ	ESH-3
29570	SOFTWARE v. 1.04	ROHDE & SCHWARZ	ESK-1

ANNEX 2

Test record sheets regarding
conducted emission, AC mains (EN 55022, class B and VCCI, class B)

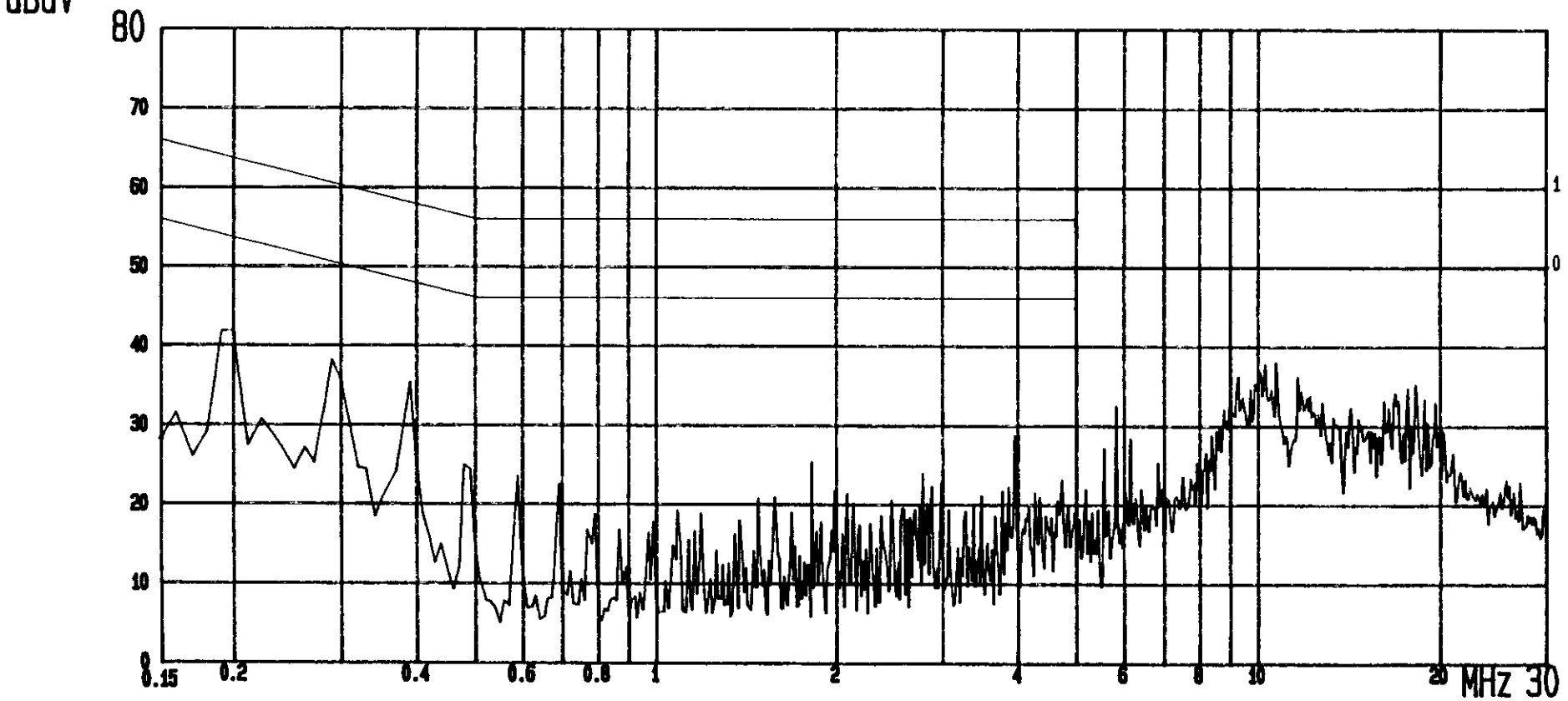
(2 pages)

DELTA Electronics Testing EMC dept.
Conducted emission, mains

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
0.1500	30.0000	10	Peak	LN	0.010	

Start of Test: 06.MAR'98 10:13
E.u.T.: OC-3530. (10)
Oper. Condition: H-TEST. UTP CABLE.
Operator: Proj. no: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 0.15-30 MHz.

Final evaluation: Quasi Peak/average
* = QUASI PEAK + = AVERAGE



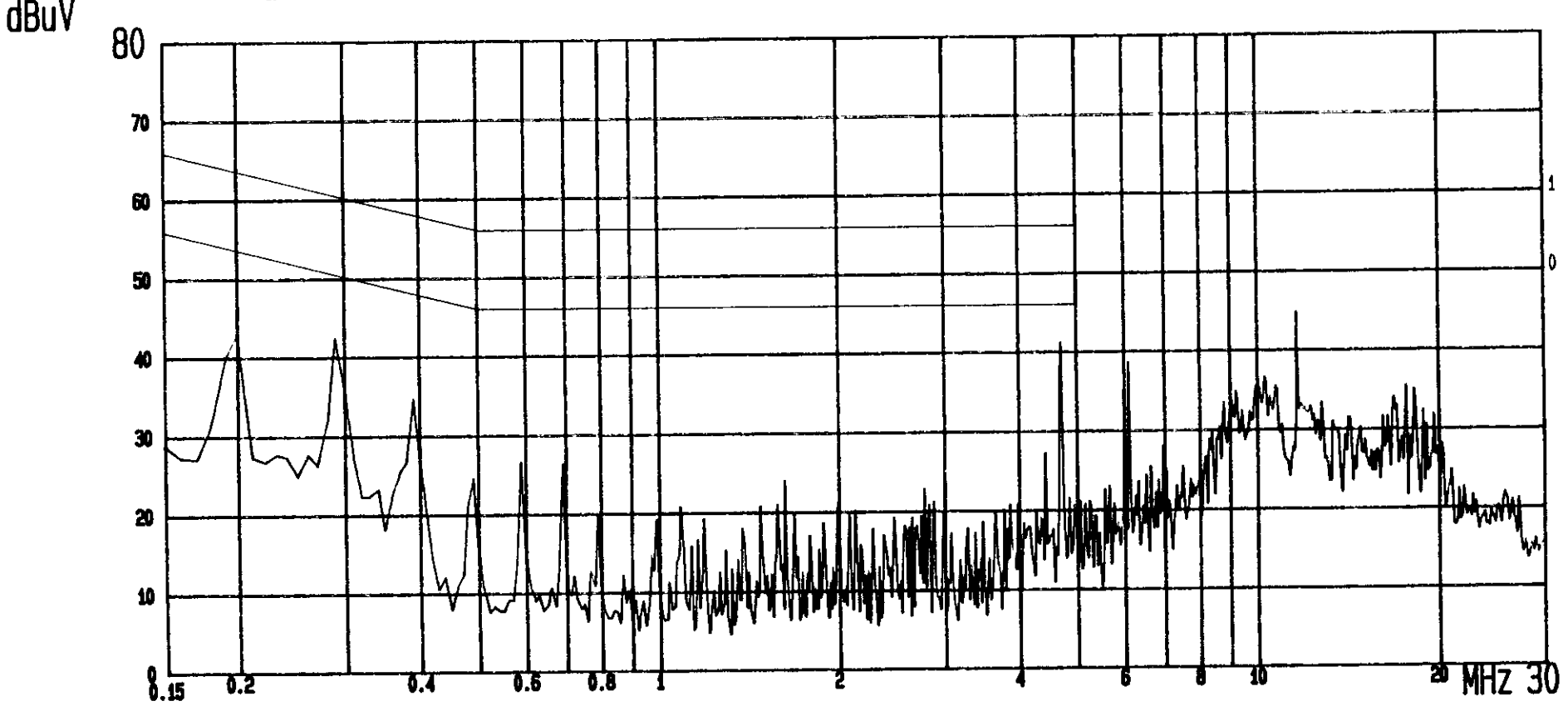
LINE NO: NEUTRAL. 230 VAC. OLICOM A/S.

DELTA Electronics Testing EMC dept.
Conducted emission, mains

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
0.1500	30.0000	10	Peak	LN	0.010	

Start of Test: 06.MAR'98 10:19
E.u.T.: OC-3630. (11)
Oper. Condition: H-TEST. UTP CABLE.
Operator: Proj. no: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 0.15-30 MHz.

Final evaluation: Quasi Peak/average
* = QUASI PEAK + = AVERAGE



LINE NO: LINE 1. 230 VAC. OLICOM A/S.

ANNEX 3

Test record sheets regarding
conducted emission, AC mains (FCC class B)

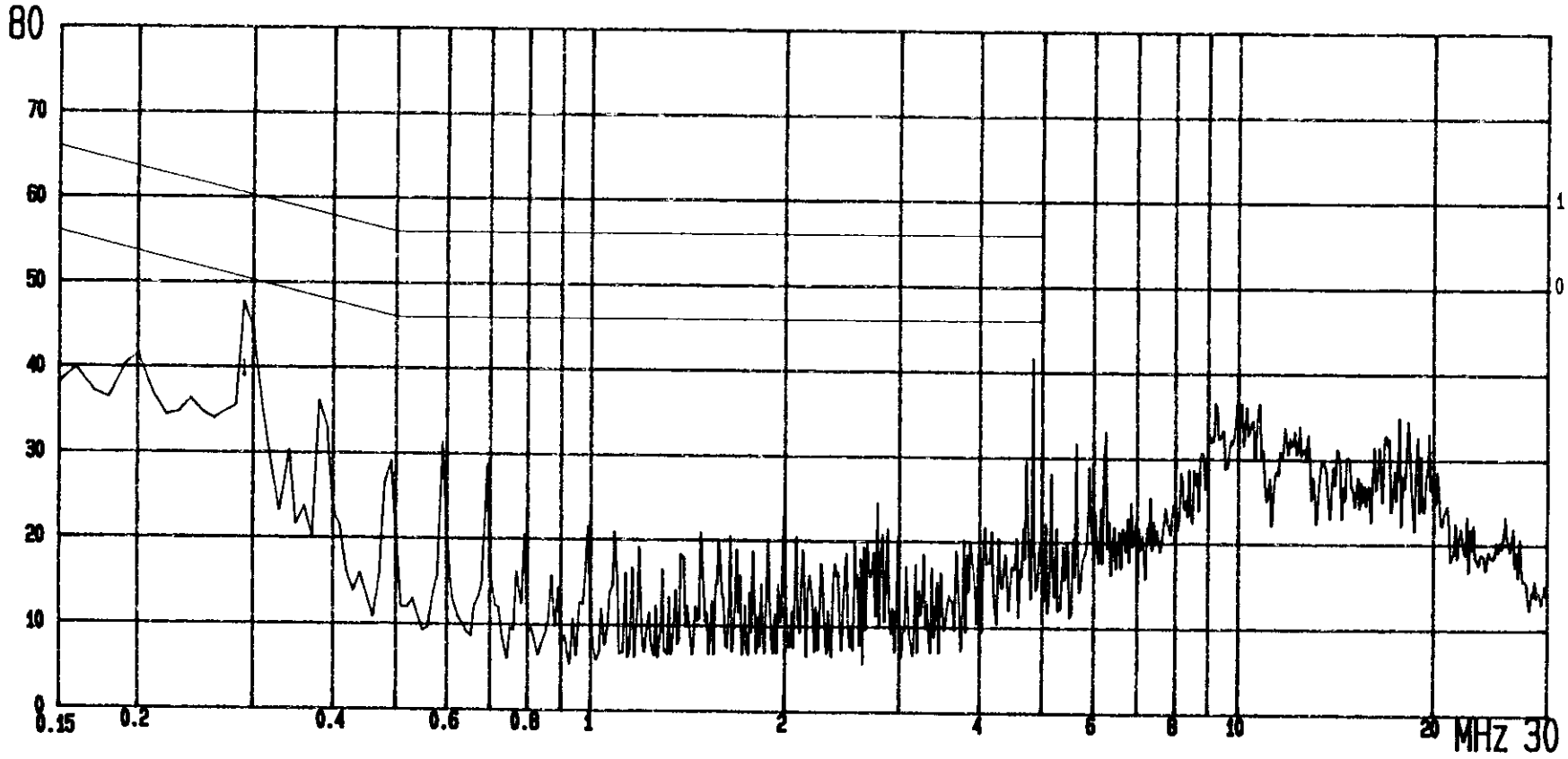
(4 pages)

DELTA Electronics Testing EMC dept.
Conducted emission, mains

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Trsnsd. type
0.1500	30.0000	10	Peak	LN	0.010	

Start of Test: 06.MAR'98 09:51
E.u.T.: DC-3530. (8)
Oper. Condition: H-TEST. UTP CABLE.
Operator: Proj. no: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 0.15-30 MHz.

Final evaluation: Quasi Peak/average
* = QUASI PEAK + = AVERAGE



LINE NO: LINE 1. 115 VAC. OLICOM A/S.

DELTA Electronics Testing EMC dept.

Conducted emission, mains

Start of Test: 06.MAR'98 09:51
E.u.T.: OC-3630. (8)

Quasi Peak values

no list available

Average values

Frequency MHz	Peak dBuV	Average dBuV	Average-Margin dB
0.2900	47.8	40.1	-10.5

* Limit exceeded

DELTA Electronics Testing EMC dept.

Conducted emission, mains

Start of Test: 06.MAR'98 10:01
E.u.T.: OC-3590.

(9)

Quasi Peak values

no list available

Average values

Frequency MHz	Peak dBuV	Average dBuV	Average-Margin dB
0.2900	49.6	42.7	-7.9

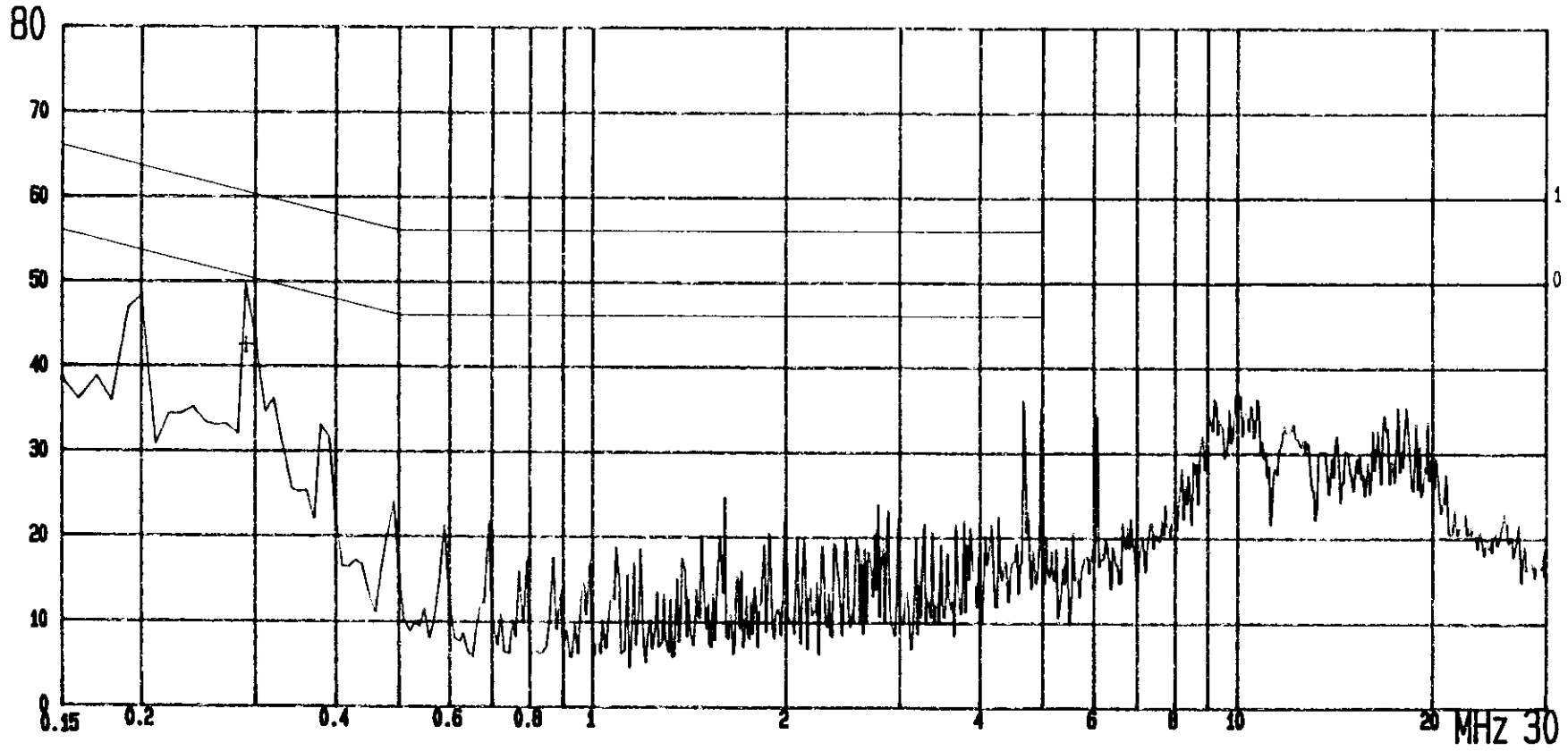
* Limit exceeded

DELTA Electronics Testing EMC dept.
Conducted emission, mains

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
0.1500	30.0000	10	Peak	LN	0.010	

Start of Test: 06.MAR'98 10:01
E.U.T.: OC-3530. (9)
Oper. Condition: H-TEST. UTP CABLE.
Operator: Proj. no: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 0.15-30 MHz.

Final evaluation: Quasi Peak/average
* = QUASI PEAK + = AVERAGE



LINE NO: NEUTRAL. 115 VAC. OLICOM A/S.

ANNEX 4

Test record sheets regarding
conducted emission, AC mains (VCCI, class B)

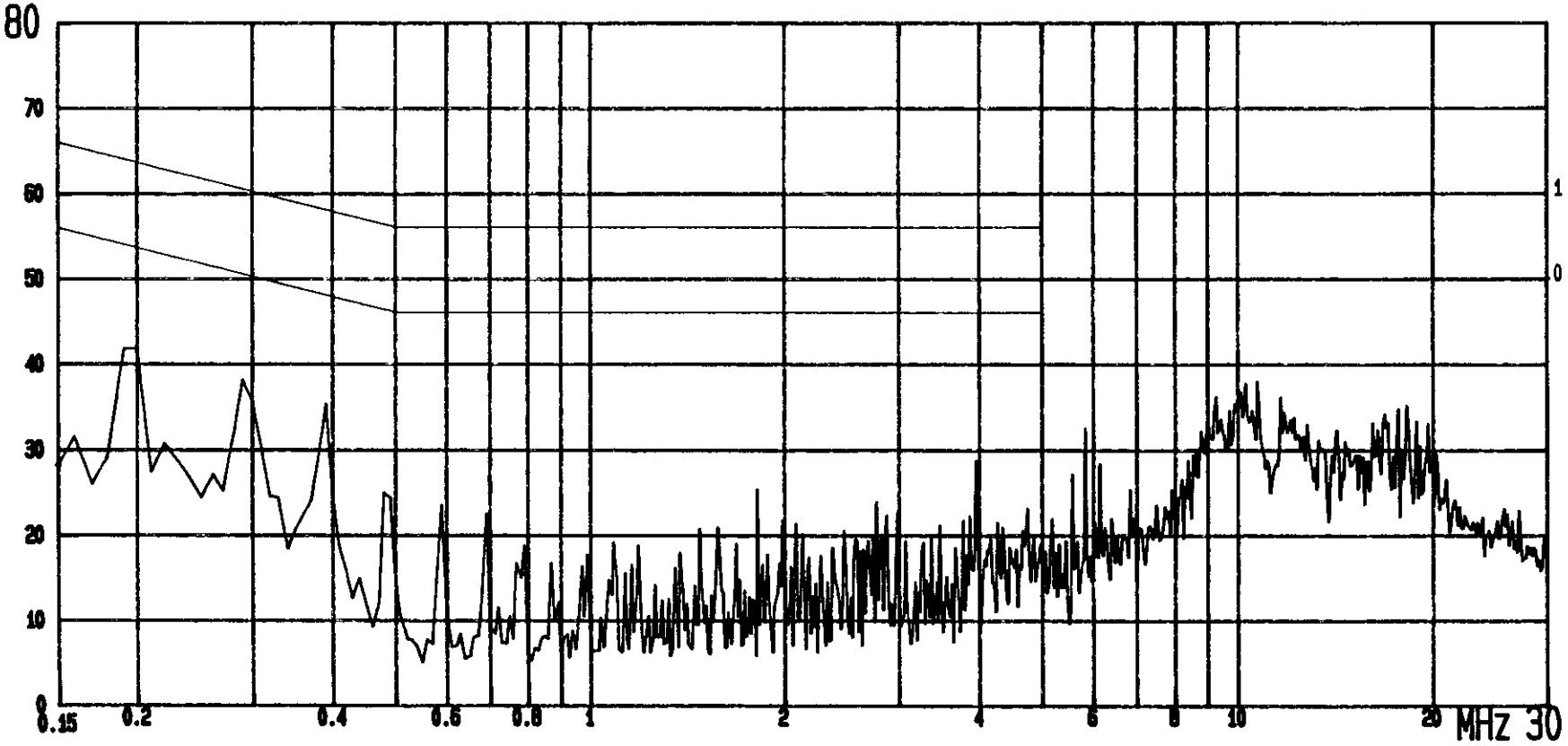
(2 pages)

DELTA Electronics Testing EMC dept.
Conducted emission, mains

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
0.1500	30.0000	10	Peak	LN	0.010	

Start of Test: 06.MAR'98 10:13
E.u.T.: DC-3630. (10)
Oper. Condition: H-TEST. UTP CABLE.
Operator: Proj. no: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 0.15-30 MHz.

Final evaluation: Quasi Peak/average
* = QUASI PEAK + = AVERAGE



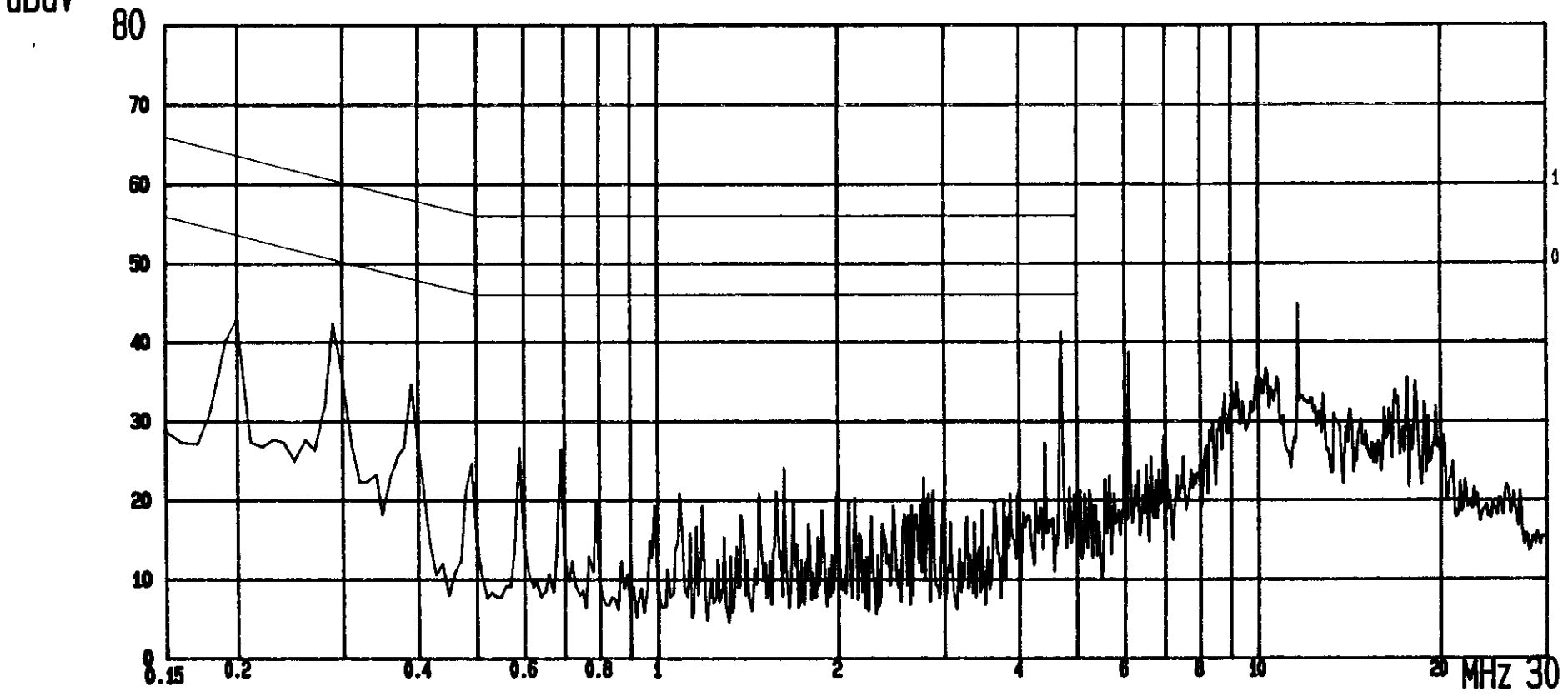
LINE NO: NEUTRAL. 230 VAC. OLICOM A/S.

DELTA Electronics Testing EMC dept.
Conducted emission, mains

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
0.1500	30.0000	10	Peak	LN	0.010	

Start of Test: 06.MAR'98 10:19
E.u.T.: DC-3630. (11)
Oper. Condition: H-TEST. UTP CABLE.
Operator: Proj. no: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 0.15-30 MHz.

Final evaluation: Quasi Peak/average
* = QUASI PEAK + = AVERAGE



LINE NO: LINE 1. 230 VAC. OLICOM A/S.

ANNEX 5

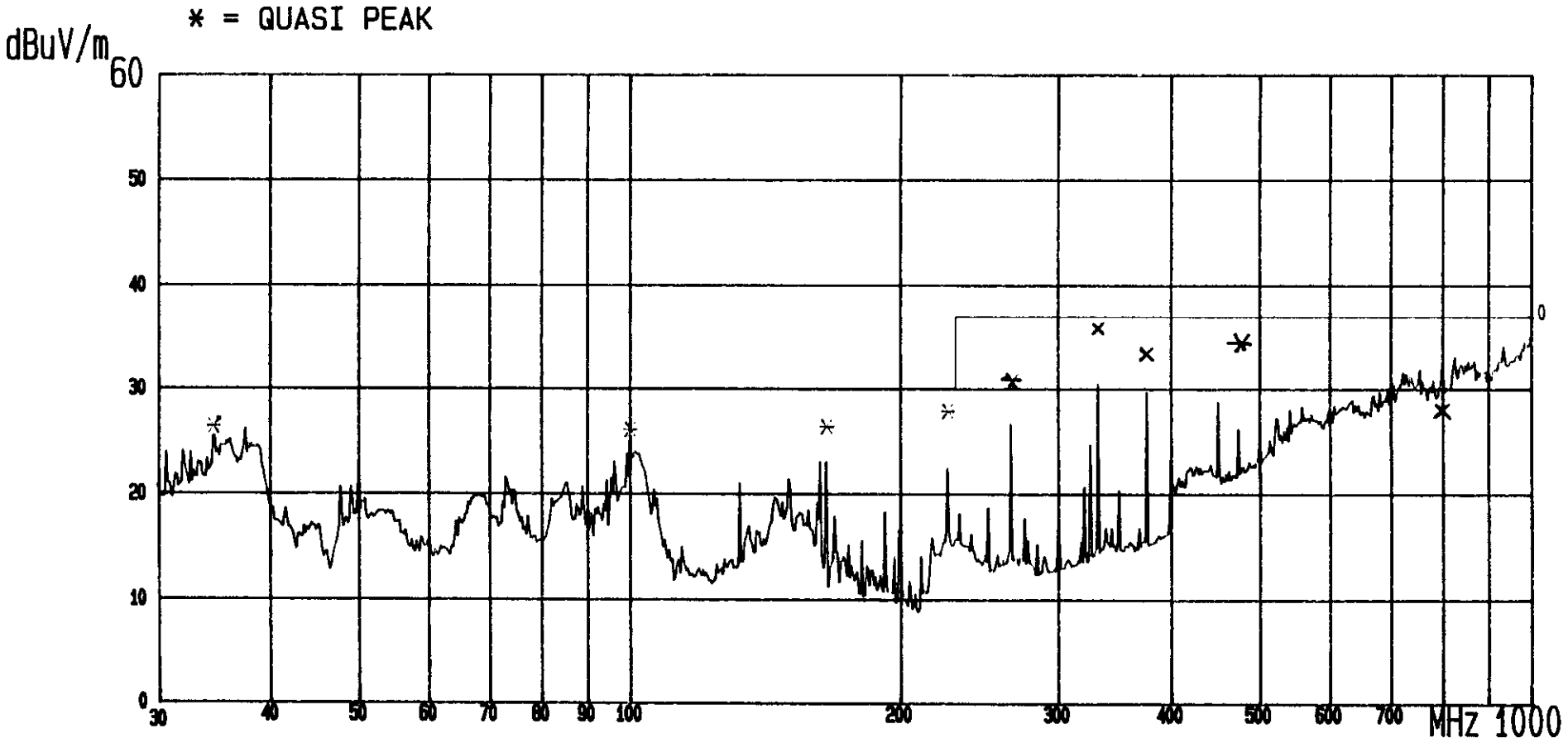
Test record sheets and photos regarding
radiated electromagnetic field (EN 55022, class B)

(5 pages)

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
29.0000	400.0	120	QP	LN	0.020	
400.0	1000.0	120	Peak	LN	0.020	

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)
Oper. Condition: H-TEST. UTP CABLE.
Operator: PROJ NO: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 30-1000 MHz (10 METER)



115 VAC.

OLICOM A/S.

DELTA Electronic Testing EMC Department

Radiated electromagnetic field

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)

measured QP values

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
34.6000	26.4	-3.6	v	0.98	149
100.0000	26.1	-3.9	v	1.33	165
165.7690	26.5	-3.5	v	0.99	256
224.9710	28.0	-2.0	h	2.87	274

* Limit exceeded

DELTA Electronic Testing EMC Department

Radiated electromagnetic field

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)

m e a s u r e d Q P v a l u e s

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
331.5470	35.9	-1.0	v	0.98	41
375.0000	33.7	-3.2	h	3.15	143
800.0000	26.7	-10.2	h	2.72	288

Limit exceeded

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 05.MAR'98 13:29
E.u.T.: OC-3530. (3)

measured QP values

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
265.2389	30.8	-6.1	v	1.01	339
475.0000	34.4	-2.5	v	0.99	345

M Limit exceeded

ANNEX 6

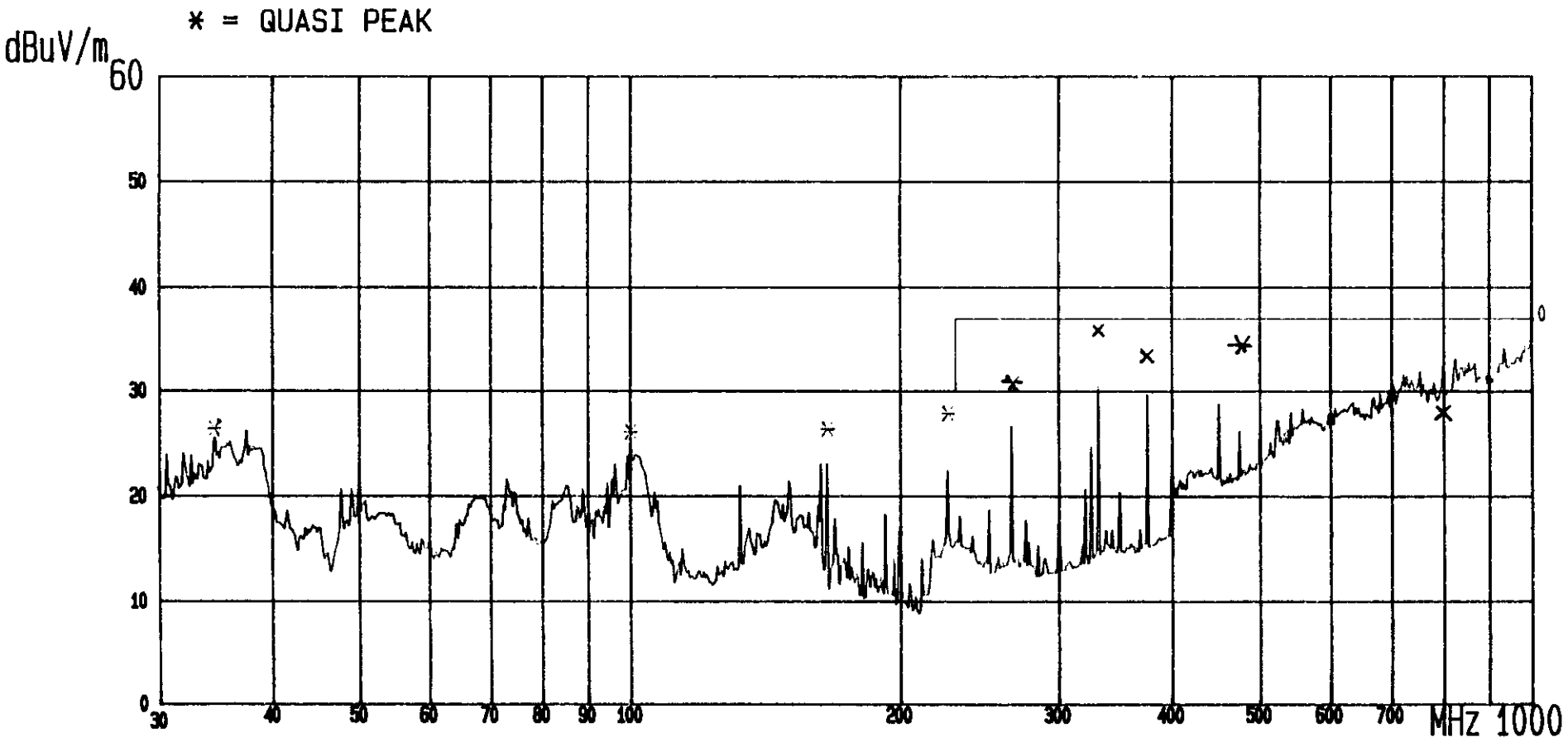
Test record sheets and photos regarding
radiated electromagnetic field (FCC, class B / EN 55022, class B)

(5 pages)

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
29.0000	400.0	120	QP	LN	0.020	
400.0	1000.0	120	Peak	LN	0.020	

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)
Oper. Condition: H-TEST. UTP CABLE.
Operator: PROJ NO: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 30-1000 MHz (10 METER)



115 VAC.

OLICOM A/S.

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)

m e a s u r e d Q P v a l u e s

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
34.6000	26.4	-3.6	v	0.98	149
100.0000	26.1	-3.9	v	1.33	165
165.7630	26.5	-3.5	v	0.99	256
224.9710	28.0	-2.0	h	2.87	274

Limit exceeded

DELTA Electronic Testing EMC Department

Radiated electromagnetic field

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)

m e a s u r e d Q P v a l u e s

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
331.5470	35.9	-1.0	v	0.98	41
375.0000	33.7	-3.2	h	3.15	143
800.0000	26.7	-10.2	h	2.72	288

Limit exceeded

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 05.MAR'98 13:29
E.u.T.: OC-3530. (3)

measured QP values

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
265.2389	30.8	-6.1	v	1.01	339
475.0000	34.4	-2.5	v	0.99	345

M Limit exceeded

ANNEX 7

Test record sheets and photos regarding
radiated electromagnetic field (VCCI, class B)

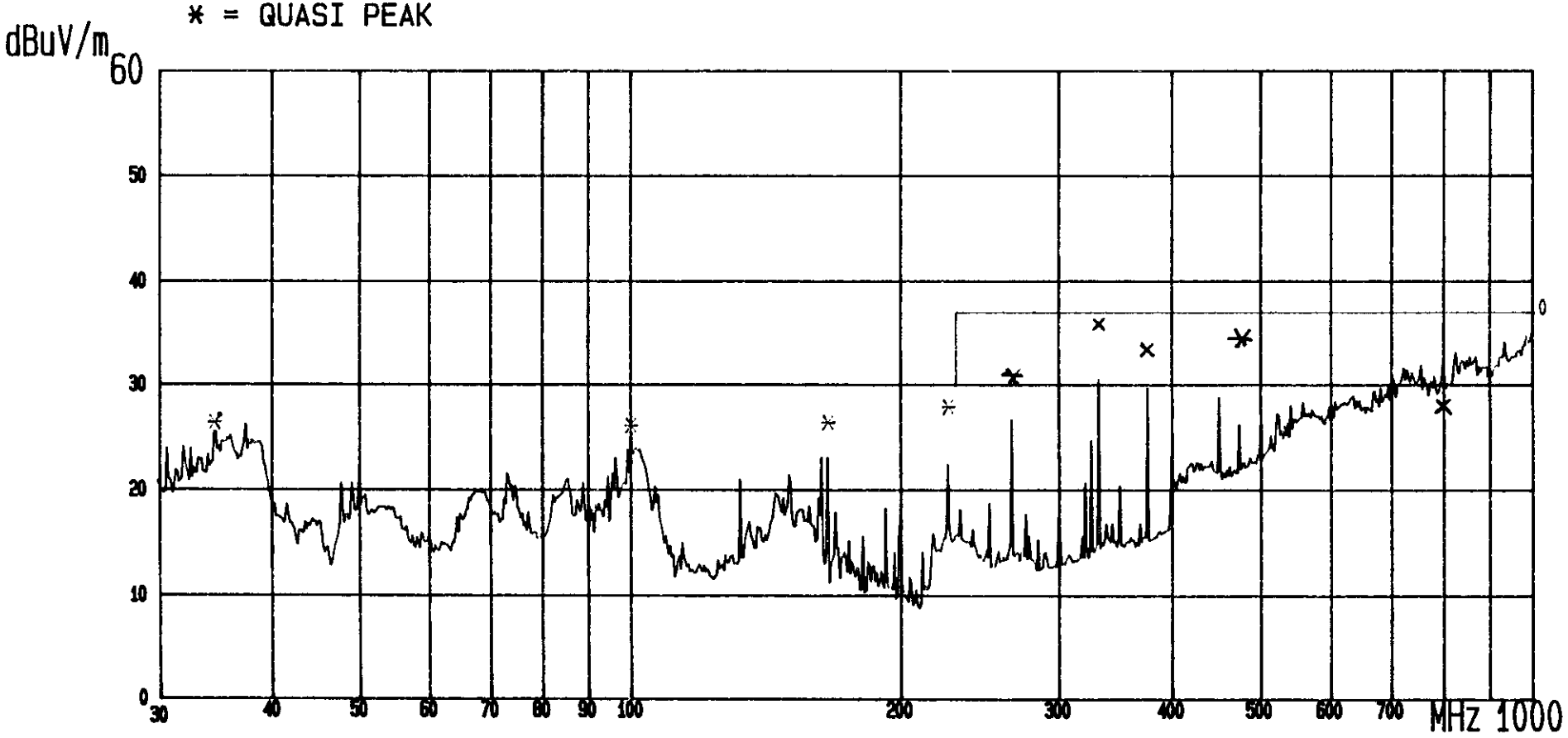
(5 pages)

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start Fr. MHz	Stop Fr. MHz	IF-BW kHz	Detector	Att. dB	Meas.T. s	Transd. type
29.0000	400.0	120	QP	LN	0.020	
400.0	1000.0	120	Peak	LN	0.020	

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3590. (2)
Oper. Condition: H-TEST. UTP CABLE.
Operator: PROJ NO: K220578- -HEN
Test Spec:
EN 55022 CLASS B. 30-1000 MHz (10 METER)

* = QUASI PEAK



115 VAC.

OLICOM A/S.

DELTA Electronic Testing EMC Department

Radiated electromagnetic field

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)

measured QP values

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
34.6000	26.4	-3.6	v	0.98	149
100.0000	26.1	-3.9	v	1.33	165
165.7630	26.5	-3.5	v	0.99	256
224.9710	28.0	-2.0	h	2.87	274

* Limit exceeded

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 05.MAR'98 11:51
E.u.T.: OC-3530. (2)

m e a s u r e d Q P v a l u e s

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
331.5470	35.9	-1.0	v	0.98	41
375.0000	33.7	-3.2	h	3.15	143
800.0000	26.7	-10.2	h	2.72	288

M Limit exceeded

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 05.MAR'98 13:29
E.u.T.: OC-3530. (3)

m e a s u r e d Q P v a l u e s

Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m	Azimuth deg.
265.2389	30.8	-6.1	v	1.01	339
475.0000	34.4	-2.5	v	0.99	345

* Limit exceeded