

Exhibit B Test Report, Measurements of RFI

The following pages show the test setup and the test results for Olicom RF6161 and RF6162.

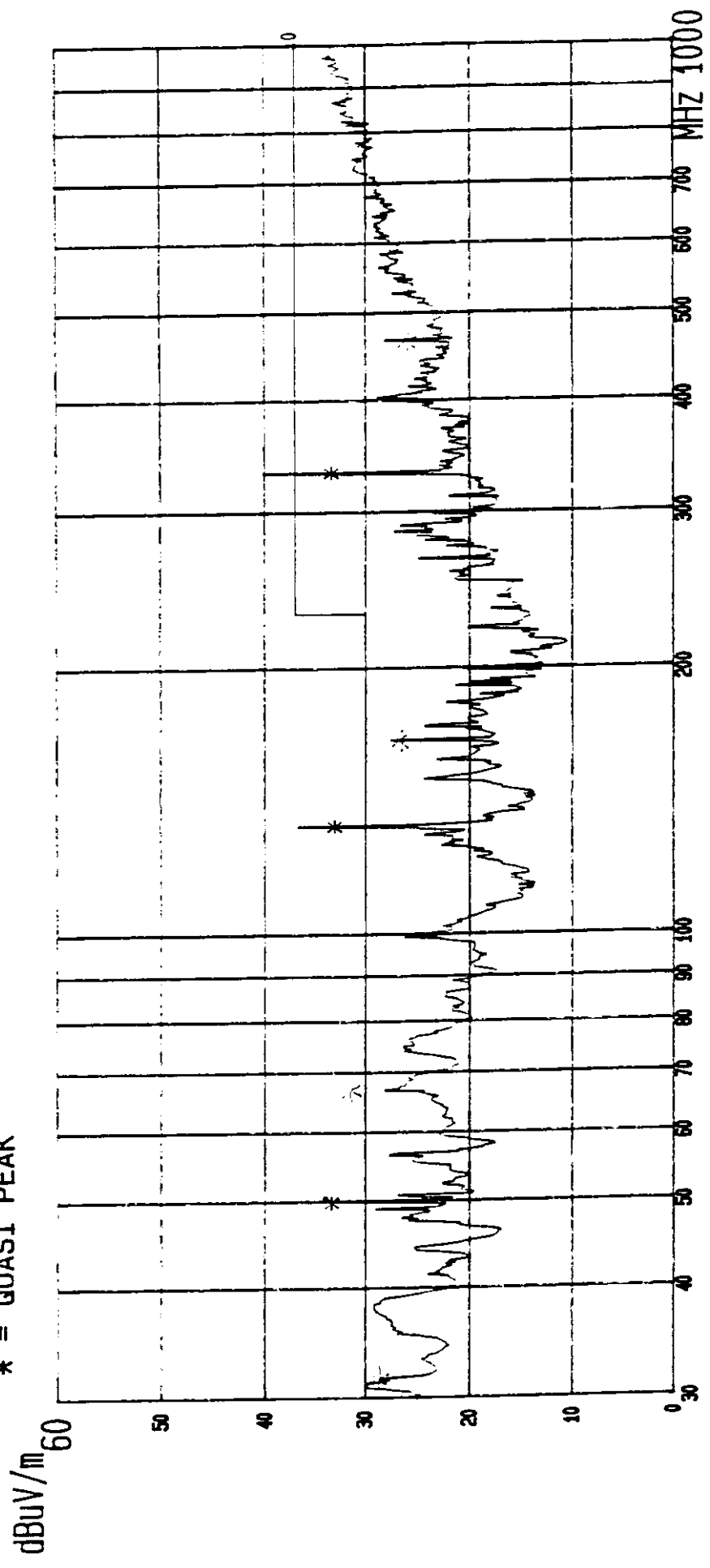
COPY

DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 16:21
 E.U.T.: OC 6181 (1)
 Oper. Condition: ANT.1mV UTP CABLE
 Operator: PROJ NO: K220538-AP
 Test Spec: EN 55022 CLASS B, 30-1000 MHz (10 METER)

Start Fr. 29.0000 MHz Stop Fr. 1000.0000 MHz
 IF-BW 120 kHz Detec Peak LN
 Att. 0.020 dB Meas. T. type

* = QUASI PEAK



115 VAC

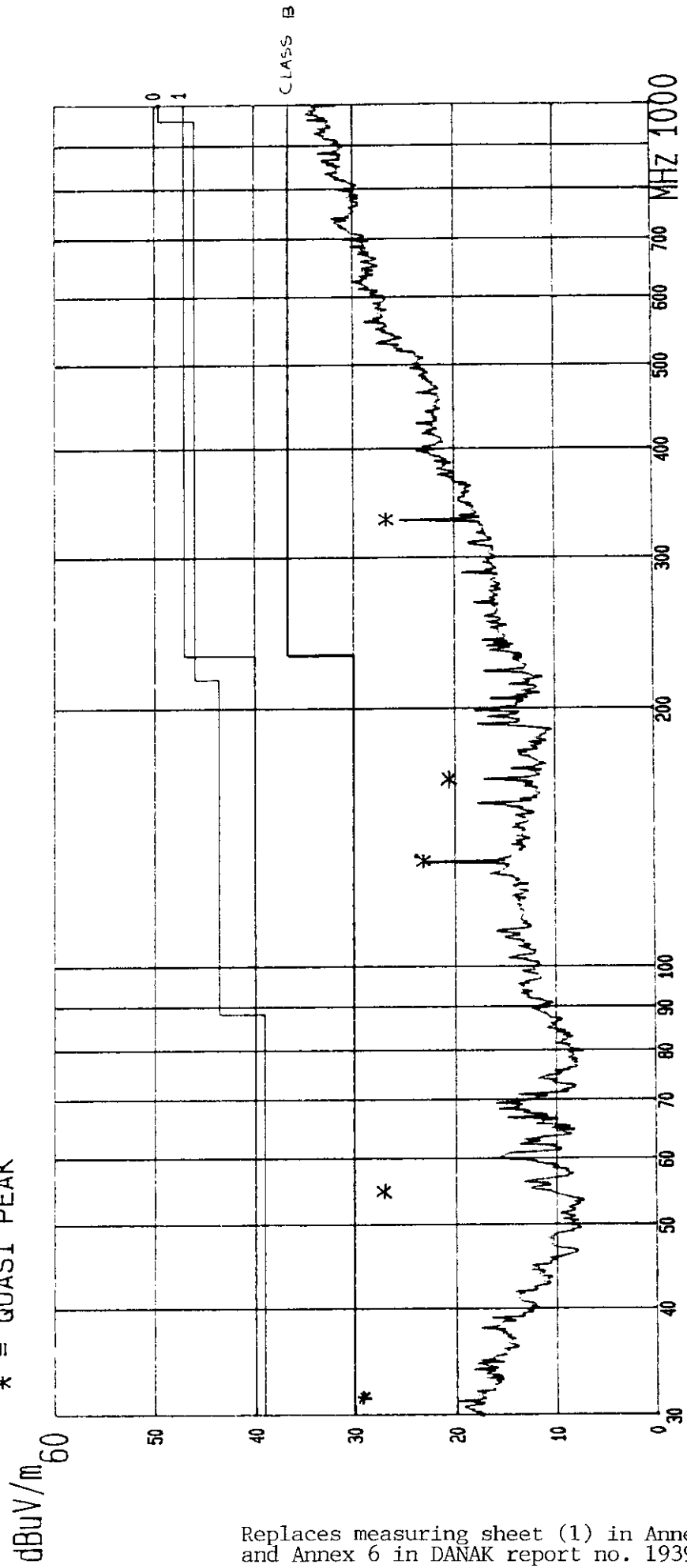
OLICOM A/S.

DELTA Electronic Testing Department Radiated electromagnetic (R.F.) COPY

Start of Test: 24.APR'98 21:27
 E.U.T.: OC 6161 (5)
 Oper. Condition: ANT.4MH UTP CABLE
 Operator: PROJ NO: K220539- -AP
 Test Spec:
 EN 55022 CLASS B. FCC PART 15, SUB. B CLASS B 10 METER.

Start Fr. Stop Fr. IF-BW Detec Att. Meas.T. Transd.
 MHz MHz kHz for dB s type
 29.0000 1000.0000 120 Peak LN 0.020

* = QUASI PEAK



Replaces measuring sheet (1) in Annex 5
 and Annex 6 in DANAK report no. 193902.

115 VAC

OLICOM A/S.

DELTA Electronic Testing EMD Department
 Radiated electromagnetic field
 Start of Test: 24-APR'98 21:27 (5)
 E.U.T.: OC 6161

m e a s u r e d			Q P			v a l u e s		
Frequency	Level.	Margin	Pol	Height	Azimuth			
MHz	dBuV/m	dB	h/v	m	deg.			
132.6300	23.1	-20.4	v	1.10	137			
331.5800	26.7	-19.2	v	3.99	360			

* Limit exceeded

Replaces measured QP values sheet (1) in
 DANAK report no. 193902.

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 24.APR'98 22:01 (6)
E.U.T.: OC 6161

measured QP		values		
Frequency MHz	Level. dBuV/m	Margin dB	Pol h/v	Height m
31.6000	29.8	-9.2	v	0.99
55.0000	27.2	-11.8	v	3.27
132.6300	23.1	-20.4	v	1.06
165.7800	20.6	-22.9	v	1.02

* Limit exceeded

Replaces measured QP values sheet (2)
in DANAK report no. 193902.

3. GENERAL TEST CONDITIONS

3.1 Test set-up

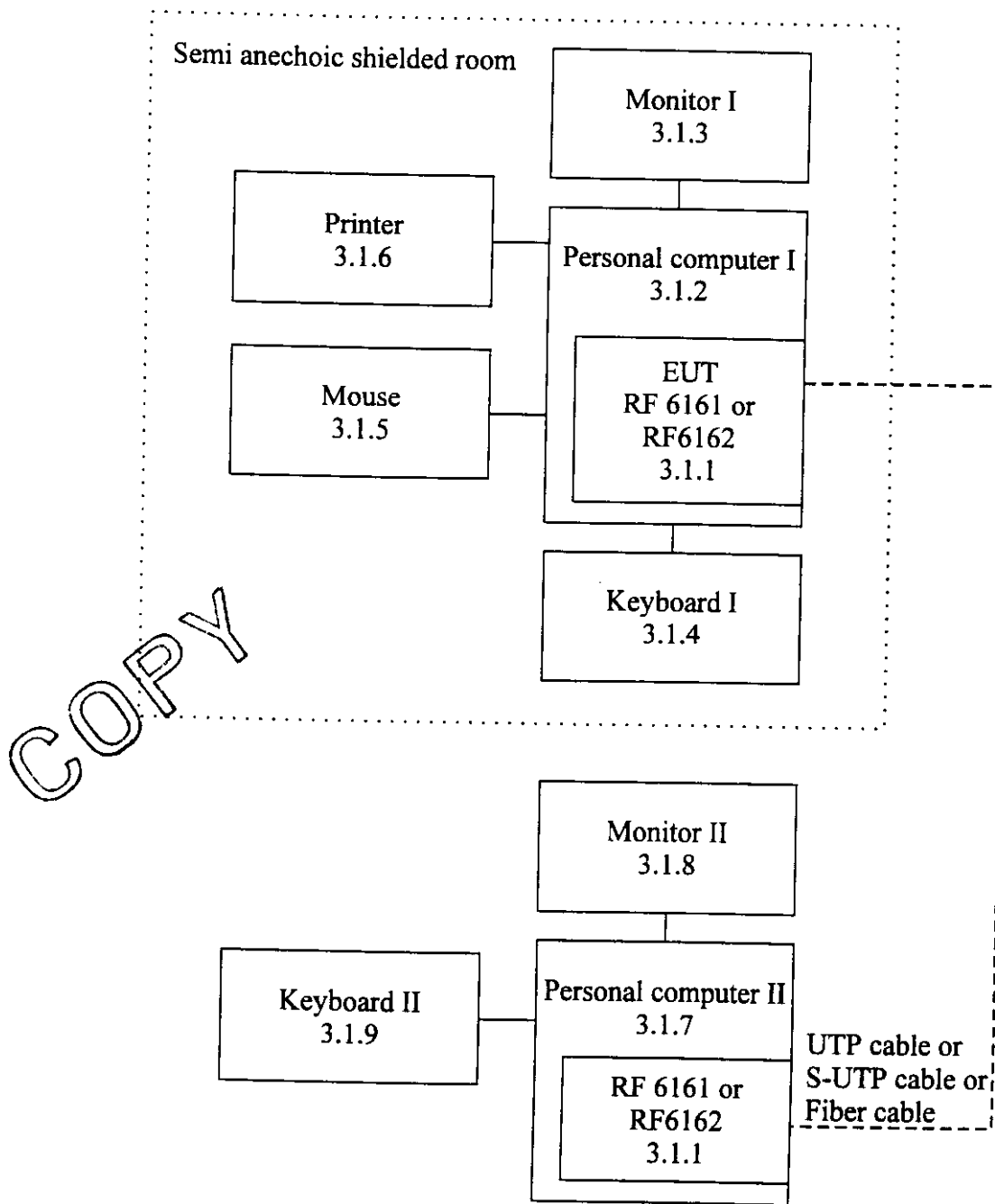


FIG. 1 Test set-up including test object and peripheral equipment.

TEST REPORT



Reg. no. 19

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**Measurements of radio frequency interference from
RF6161 and RF 6162 using shielded, unshielded or fiber cables
Manufactured by Olicom A/S
Project no.: K220539-1
Date: 1998-06-10**

Title Measurements of radio frequency interference from RF 6161 and RF 6162 using shielded, unshielded or fiber cables

Test object RF 6161 and RF 6162

Report no. DANAK-193902

Project no. K220539-1

Dates of test 1998-04-24, 1998-04-30 and 1998-04-31

Client Olicom A/S
Nybrovej 114
DK-2800 Lyngby
Denmark

Telephone: +45 45 27 00 00
Fax: +45 45 27 01 01

Contact person Ms. Susanne C. Petersen

Manufacturer Olicom A/S

Specifications EN 55022 class B
FCC Rules and Regulations part 15, subpart B class B,
demonstrated by compliance with EN 55022:1994, class B
VCCI class B
CISPR 22 class B

Test personnel Allan Puggaard
Karsten Kruse Jensen
Jesper Nielsen

Results The emission from the RF 6161 and RF 6162 was below the limit of EN 55022 class B, FCC Rules and Regulations part 15, subpart B class B, demonstrated by compliance with EN 55022:1994, class B, VCCI class B, and CISPR 22 class B when using UTP cable, S-UTP cable or fiber cable.



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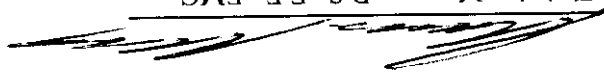


CM/acj

Responsible


Jørgen Duvald Christensen, B.Sc.E.E.
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Project manager


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Date

1998-06-10



TABLE OF CONTENTS	PAGE
1. SUMMARY OF TEST RESULTS	5
2. TEST SPECIMEN	6
3. GENERAL TEST CONDITIONS	7
3.1 Test set-up	7
4. TESTS AND RESULTS	10
4.1 Conducted emission, AC mains (EN 55022, class B)	10
4.2 Conducted emission, AC mains (FCC, class B / EN 55022, class B)	11
4.3 Conducted emission, AC mains (VCCI, class B)	12
4.4 Radiated electromagnetic field (EN 55022, class B)	13
4.5 Radiated electromagnetic field (FCC, class B / EN 55022, class B)	14
4.6 Radiated electromagnetic field (VCCI, class B)	15
ANNEX 1 List of instruments	
ANNEX 2 Test record sheets regarding conducted emission, AC mains (EN 55022, class B)	
ANNEX 3 Test record sheets regarding conducted emission, AC mains (FCC class B, EN 55022 class B)	
ANNEX 4 Test record sheets regarding conducted emission, AC mains (VCCI, class B)	
ANNEX 5 Test record sheets and photos regarding radiated electromagnetic field (EN 55022, class B)	
ANNEX 6 Test record sheets and photos regarding radiated electromagnetic field (FCC, class B / EN 55022, class B)	
ANNEX 7 Test record sheets and photos regarding radiated electromagnetic field (VCCI, class B)	

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 equipment
Manufacturer	:	Olicom A/S
Model/Type	:	RF 6161 ATM PCI 155 UTP Adapter and RF 6162 ATM PCI 155 MMF Adapter.
Part no.	:	770001670 and 770001680
Serial no.	:	136098001 and 136100005
Supply voltage	:	115 / 230 VAC
Operational mode	:	During the test, the EUT was constantly transmitting and receiving data through the communication cables, by running the EMC_PROG.EXE programme. See <i>section 3.1</i> .

3. GENERAL TEST CONDITIONS

3.1 Test set-up

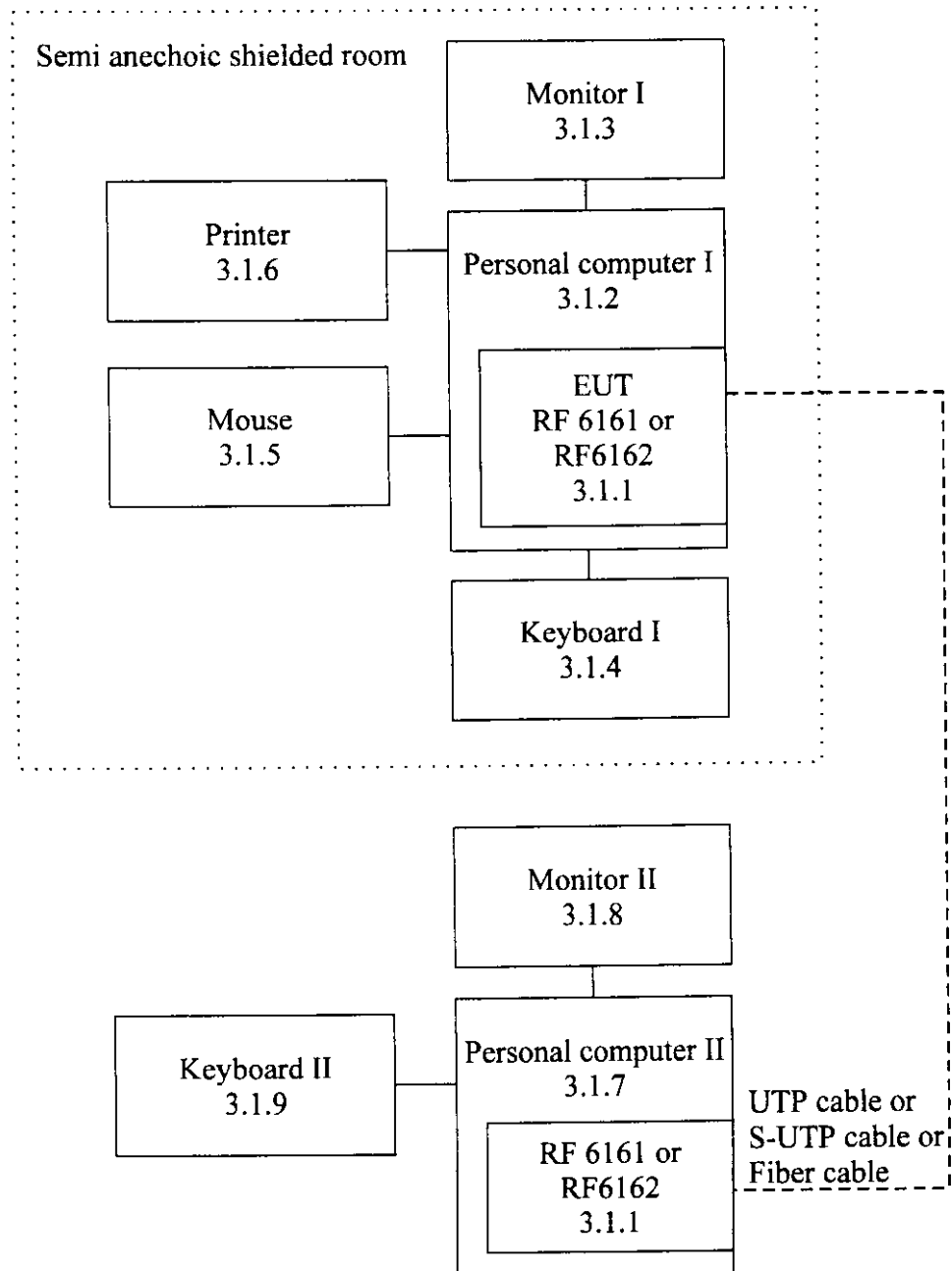


FIG. 1 Test set-up including test object and peripheral equipment.

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

3.1.1 EUT

Manufacturer : Olicom A/S
Model/Type : RF 6161 ATM PCI 155 UTP Adapter and
RF 6162 ATM PCI 155 MMF Adapter.
Part no. : 770001670 and
770001680
Serial no. : 136098001 and
136100005

3.1.2 Personal computer I

Manufacturer : Gateway
Model/type : 2000
Part no. : -
Serial no. : 5614165
FCC ID : HWYTHP5133T

3.1.3 Monitor I

Manufacturer : Compaq
Model/type : 460
Part no. : -
Serial no. : 3234260IT883
FCC ID : BR8SM-5514M

3.1.4 Keyboard I

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

3.1.5 Mouse

Manufacturer : Tulip Computers
Model/type : -
Part no. : -
Serial no. : 0152922
FCC ID : EW4ECM-S24041

3.1.6 Printer

Manufacturer	:	Hewlett Packard
Model/type	:	DeskJet 890C
Part no.	:	-
Serial no.	:	SG7A8190QY
FCC ID	:	B94C4602X

3.1.7 Personal computer II

Manufacturer	:	Compaq
Model/type	:	Deskpro 2000
Part no.	:	1620 EA5
Serial no.	:	M5133
FCC ID	:	8714HVT8A452
Adapter card	:	RF 6161
Serial no.	:	136090003
		RF 6162
Serial no.	:	136100003

3.1.8 Monitor II

Manufacturer	:	Olivetti
Model/type	:	CDU 1431 / HA24
Part no.	:	-
Serial no.	:	1693395
FCC ID	:	-

3.1.9 Keyboard II

Manufacturer	:	Digital
Model/type	:	RT102
Part no.	:	120611
Serial no.	:	11451077
FCC ID	:	AQ6-MTN56Z15

3.1.6 Printer

Manufacturer	:	Hewlett Packard
Model/type	:	DeskJet 890C
Part no.	:	-
Serial no.	:	SG7A8190QY
FCC ID	:	B94C4602X

3.1.7 Personal computer II

Manufacturer	:	Compaq
Model/type	:	Deskpro 2000
Part no.	:	1620 EA5
Serial no.	:	M5133
FCC ID	:	8714HVT8A452

Adapter card	:	RF 6161
Serial no.	:	136090003

Adapter card	:	RF 6162
Serial no.	:	136100003

3.1.8 Monitor II

Manufacturer	:	Olivetti
Model/type	:	CDU 1431 / HA24
Part no.	:	-
Serial no.	:	1693395
FCC ID	:	-

3.1.9 Keyboard II

Manufacturer	:	Digital
Model/type	:	RT102
Part no.	:	120611
Serial no.	:	11451077
FCC ID	:	AQ6-MTN56Z15

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.) 0.50-5 MHz: 5-30 MHz:	66-56 dB μ V 56 dB μ V 60 dB μ V
Limit: (average)	0.15-0.50 MHz: (decreasing lin. with the logarithm of freq.) 0.50-5 MHz: 5-30 MHz:	56-46 dB μ V 46 dB μ V 50 dB μ V
Supply voltage		230 VAC
Test record sheets and photos		
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.) 0.50-5 MHz: 5-30 MHz:	66-56 dB μ V 56 dB μ V 60 dB μ V
Limit: (average)	0.15-0.50 MHz: (decreasing lin. with the logarithm of freq.) 0.50-5 MHz: 5-30 MHz:	56-46 dB μ V 46 dB μ V 50 dB μ V
Supply voltage		115 VAC
Test record sheets and photos		
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 dB μ V 56 dB μ V 60 dB μ V
Limit: (average)	0.15-0.50 MHz: 0.50-5 MHz: 5-30 MHz:	56-46 dB μ V 46 dB μ V 50 dB μ V
Supply voltage		230 VAC
Test record sheets and photos		<i>Annex 4</i>

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 dB μ V/m 37 dB μ V/m
Supply voltage		115 VAC
Test record sheets and photos		<i>Annex 5</i>

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 dB μ V/m 37 dB μ V/m
Supply voltage		115 VAC
Test record sheets and photos		
Annex 6		

Results:

The emission was within the specified limits.

Comments:

Measurements in the frequency range of 1000-6250 MHz were carried out using a analyser system, measuring the peak value of the emission. Preliminary measurements were carried out at a distance of 0.3 m in order to determine points of worst case emission. Then the antenna was placed at a distance of 3 m from the E.U.T. and the measurements were repeated. The antenna factor and cable loss factor were then added to the reading, and the preamplifier gain was subtracted from the reading:

$$E \text{ (dB}\mu\text{V/m)} = U \text{ (dB}\mu\text{V)} + A \text{ (dB)} + k \text{ (dB)} - G \text{ (dB)}$$

where

E is the field strength

U is the analyser reading

A is the cable attenuation

k is the antenna factor

G is the preamplifier gain

Since the measurements were carried out manually, the limit line shown on the test record sheets is not given in dB μ V/m, but in analyser reading. The line corresponding to the field strength limit is reversely calculated using the expression above, and this line is shown on the test record sheets.

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 dB μ V/m 37 dB μ V/m
Supply voltage		115 VAC
Test record sheets and photos		
<i>Annex 7</i>		

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
29300	MEASURING RECEIVER	ROHDE & SCHWARZ	ESH3, 335.8017.52
29301	ARTIFICIAL MAINS NETWORK	ROHDE & SCHWARZ	ESH2-Z5
29337	ARTIFICIAL MAINS NETWORK	ROHDE & SCHWARZ	ESH2-Z5
29426	QUASI PEAK ADAPTOR	HEWLETT-PACKARD	85650 A
29433	SPECTRUM ANALYZER	HEWLETT-PACKARD	8566 B
29434	RF PRESELECTOR	HEWLETT-PACKARD	85685 A
29570	EMI-SOFTWARE Ver. 1.04	ROHDE & SCHWARZ	EZM-K1-837256202
29772	AUTOMATIC EMI RECEIVER	ROHDE & SCHWARZ	ESVP, 354.3000.52
29797	BILOG ANTENNA, 30-1000 MHz	CHASE ELECTRICS LTD	CBL 6111A
29836	BROADBAND u-WAVE AMPLIFIER, MITEQ 100 MHz-10 GHz		AFS5-00101000-30-10P-5

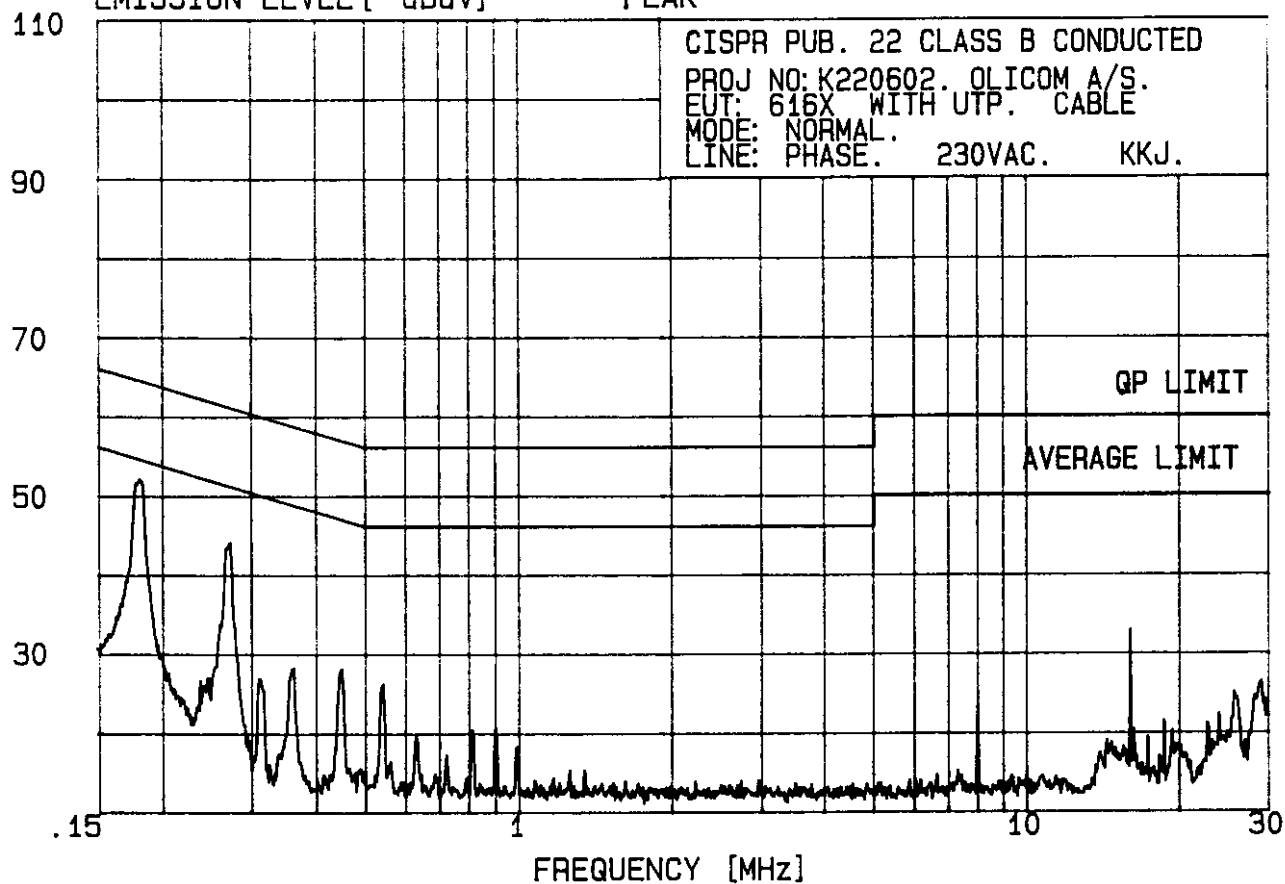
ANNEX 2

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

(6 pages)

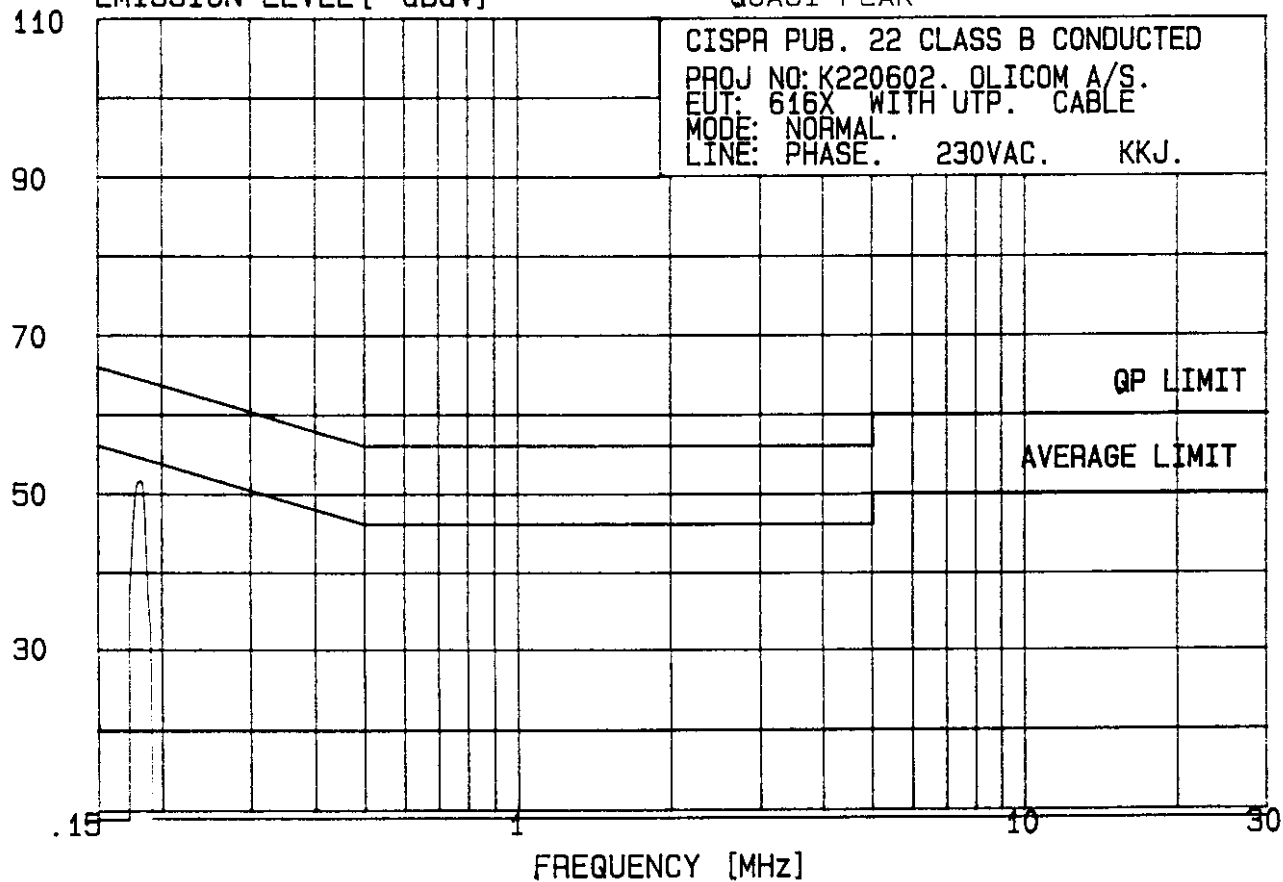
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EMISSION LEVEL [dBuV] PEAK

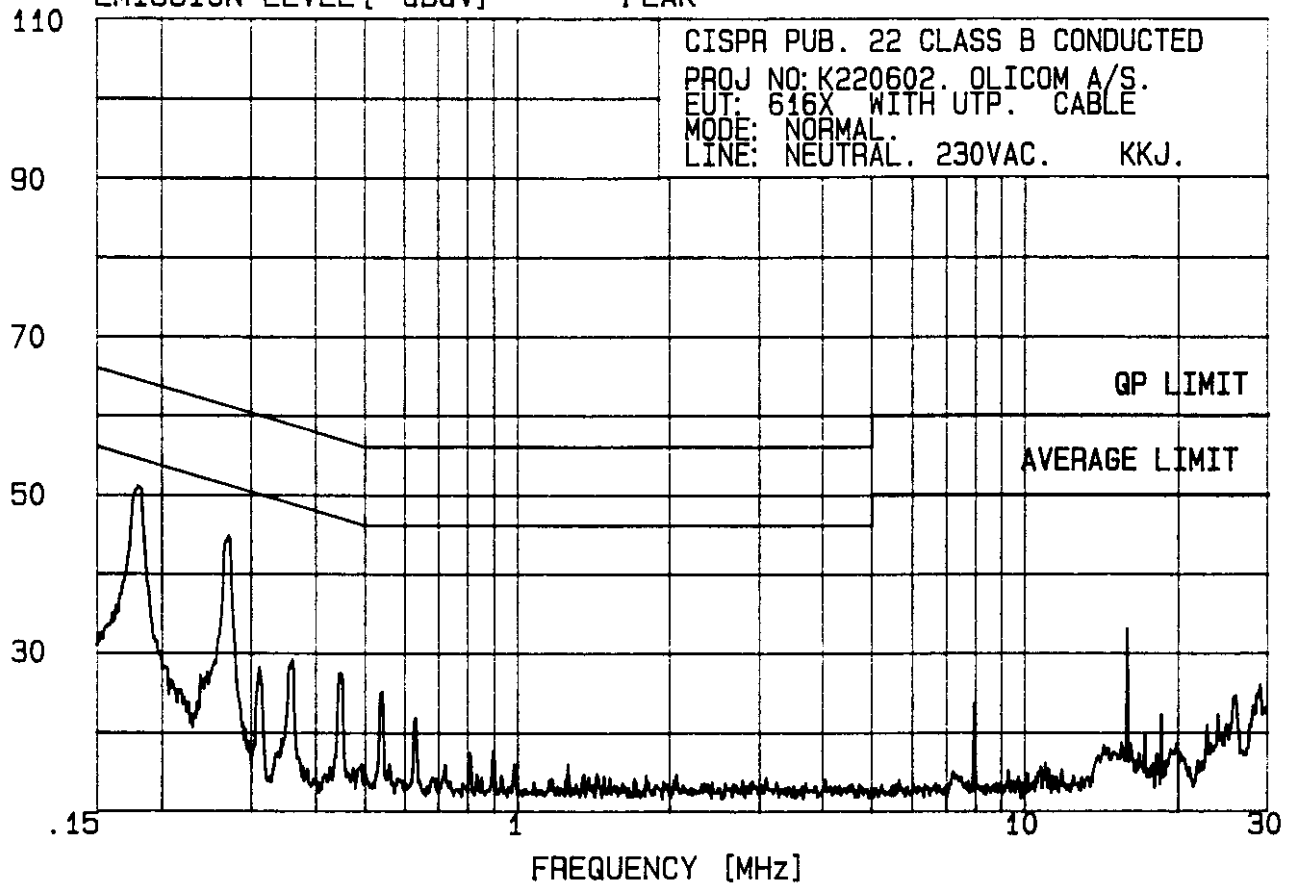
30 Nov 1999 02:24:11



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

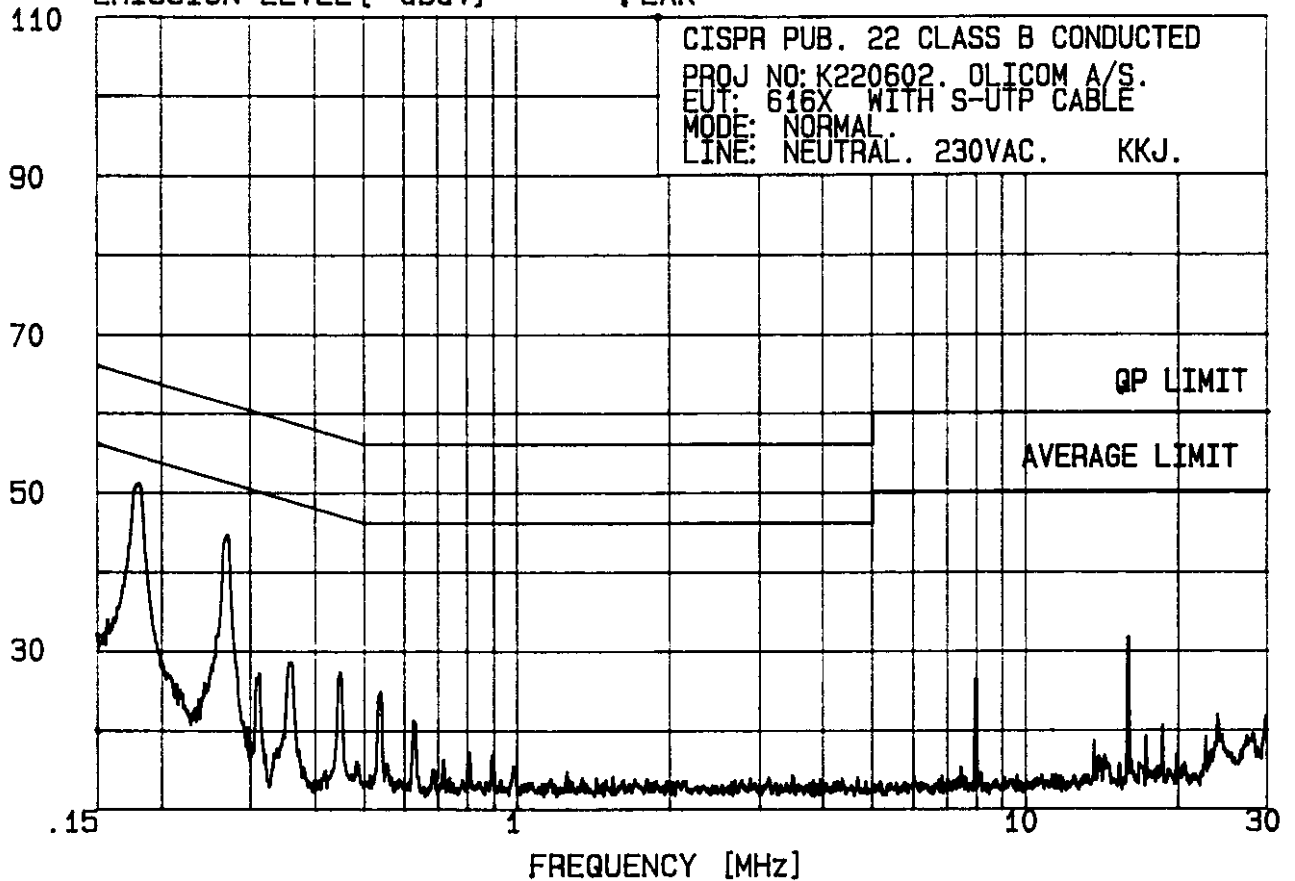
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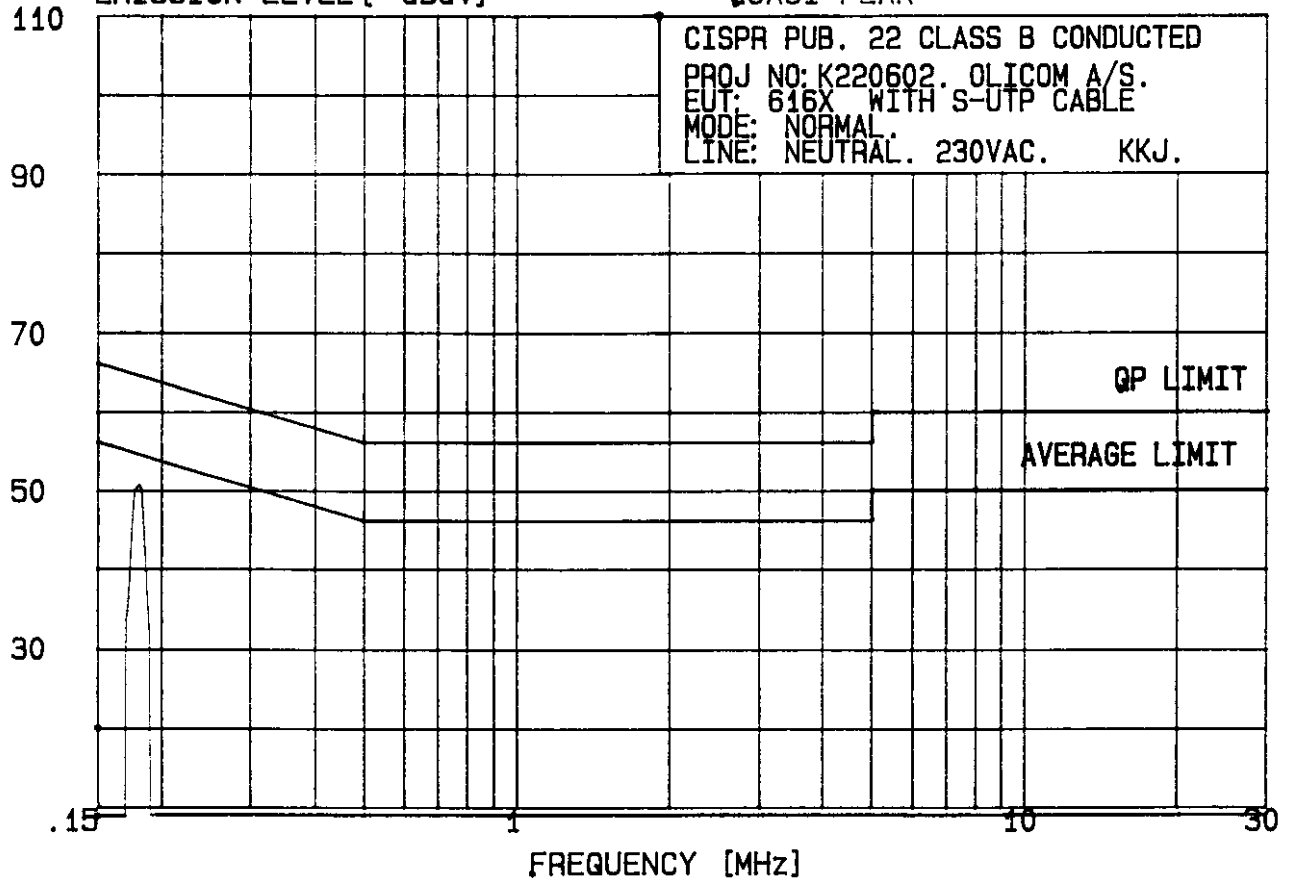
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EMISSION LEVEL [dBuV] PEAK

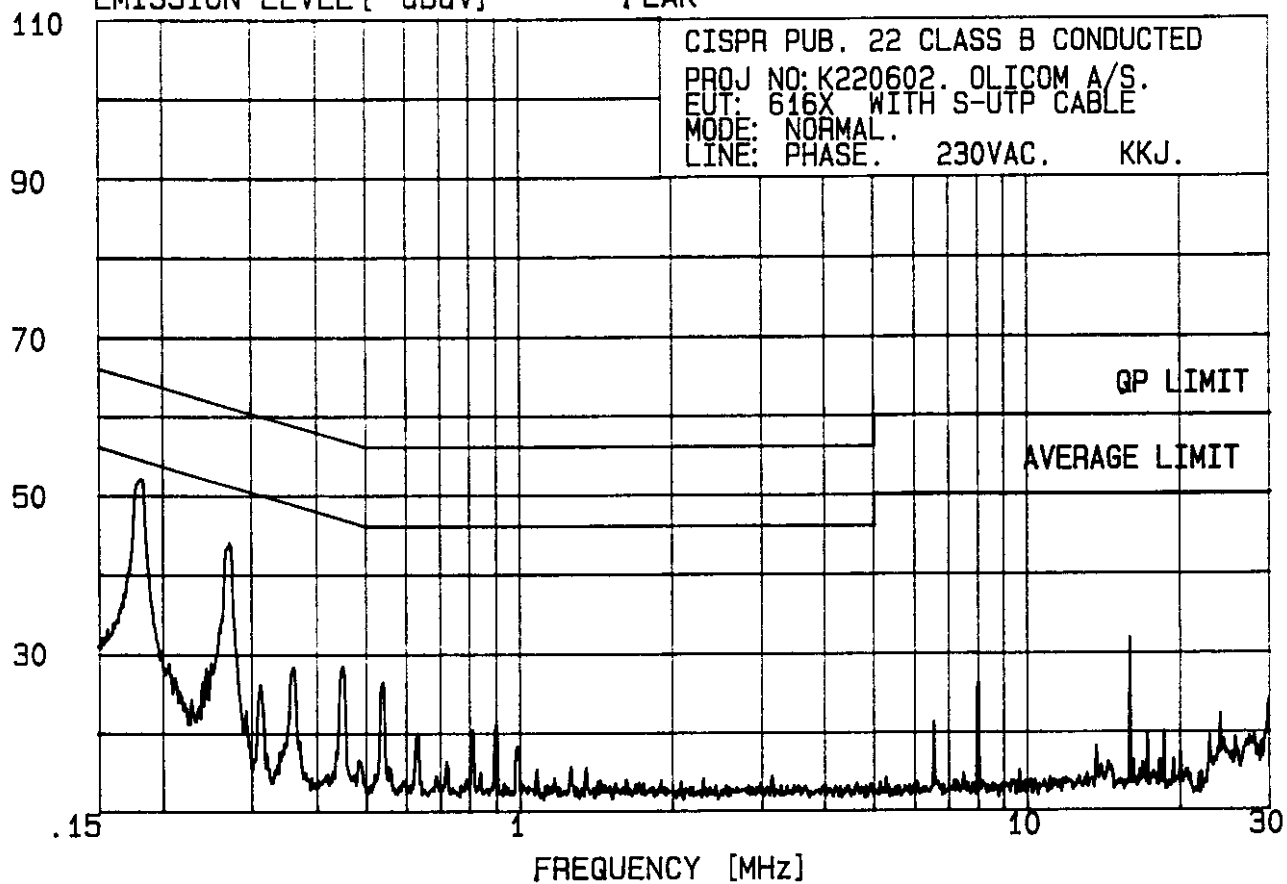
30 Nov 1999 02:11:20



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

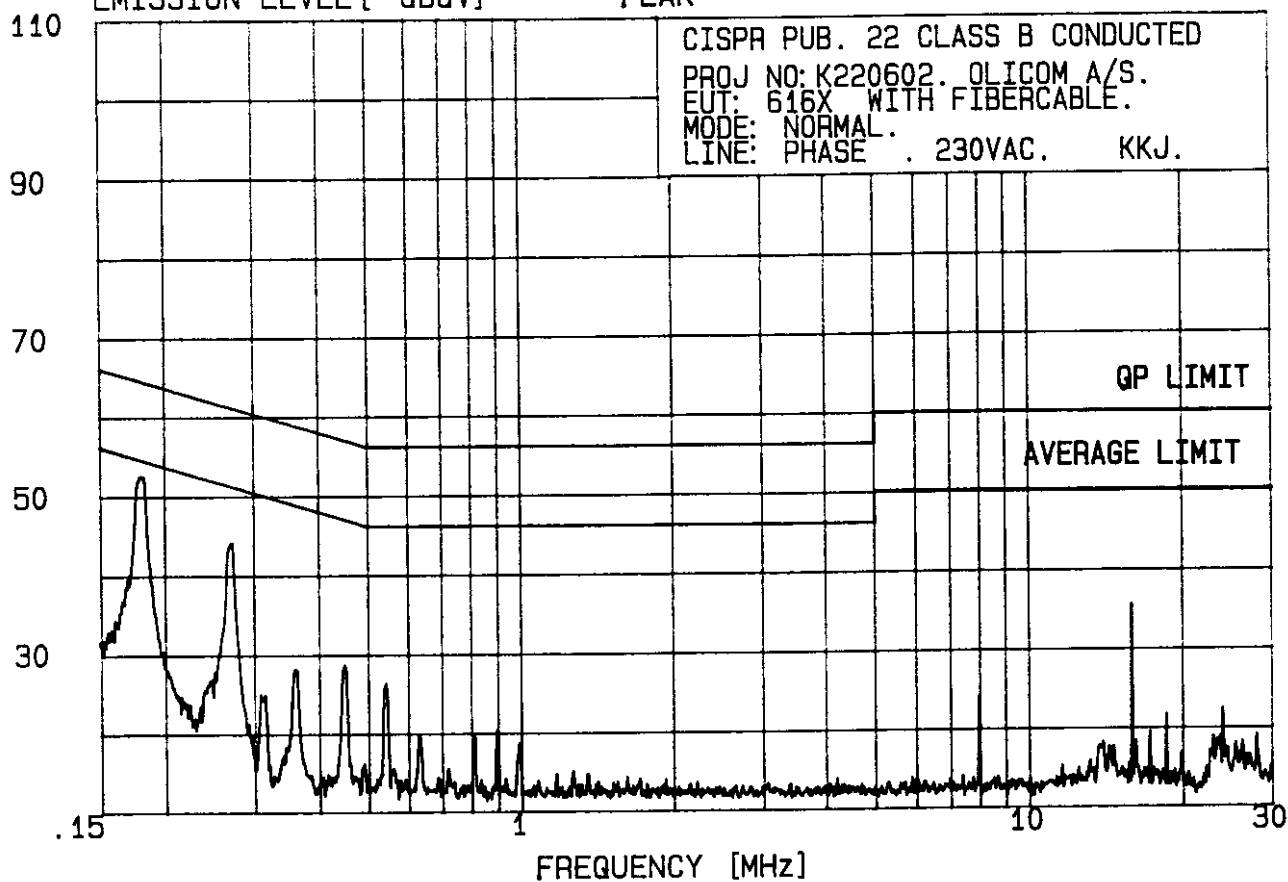
30 Nov 1999 02:11:20





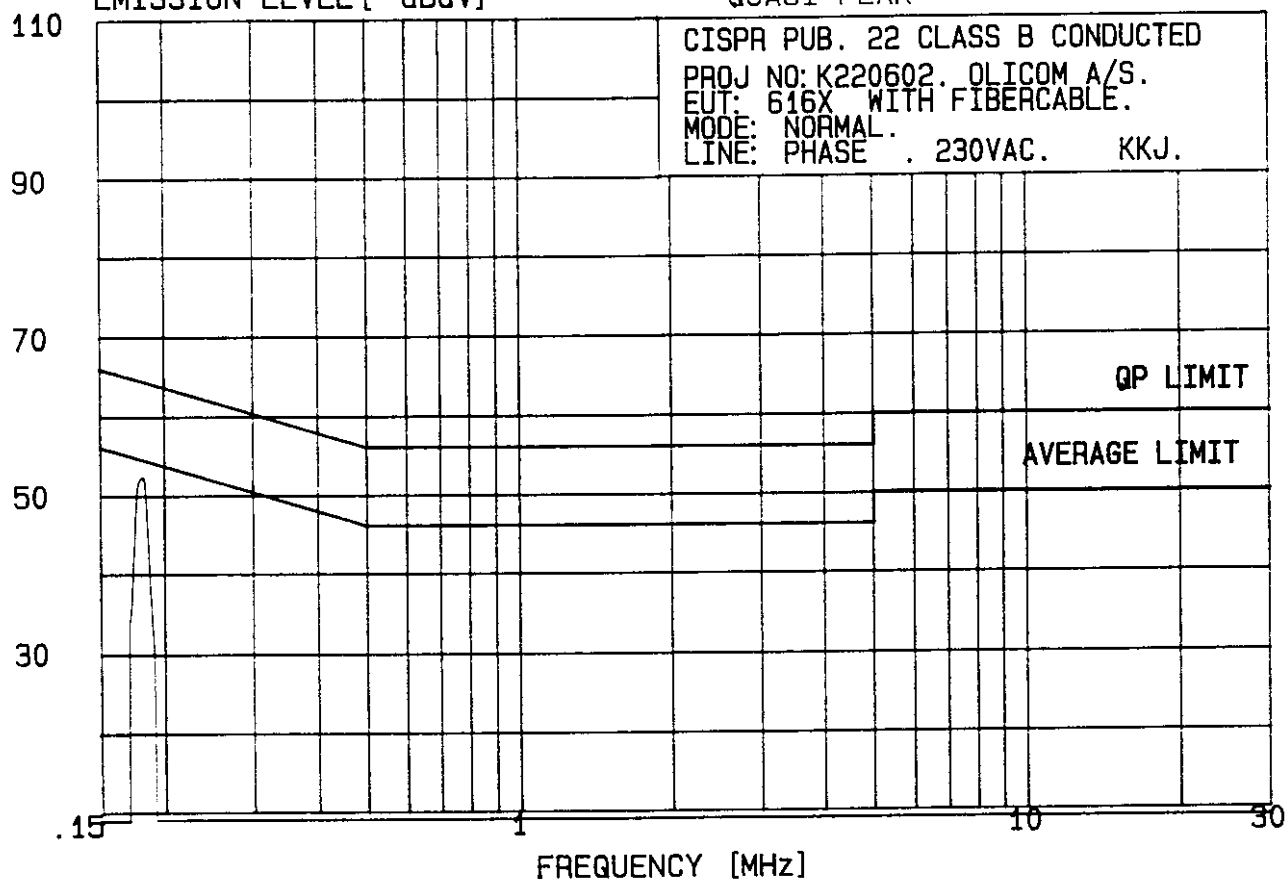
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 00:38:48



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

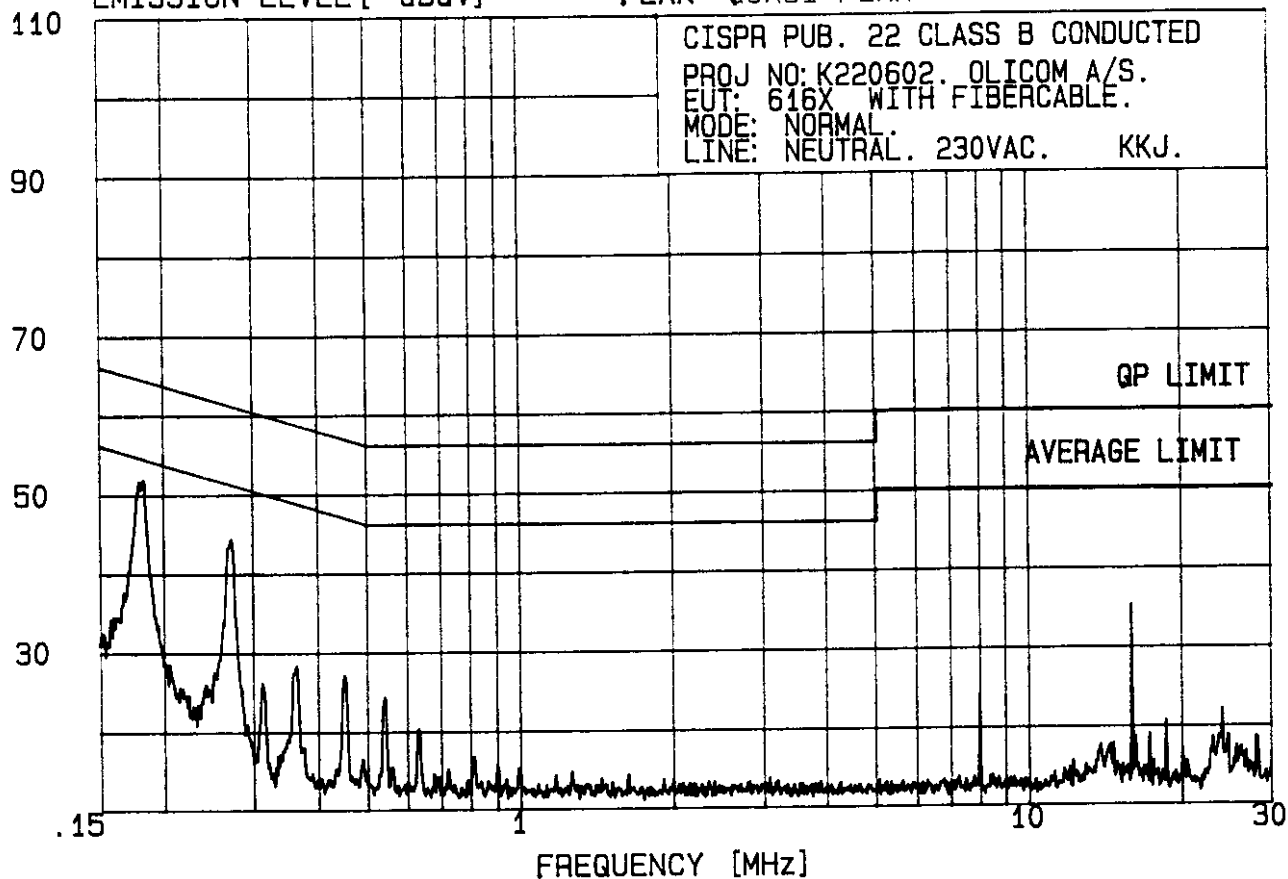
30 Nov 1999 00:38:48



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV]

30 Nov 1999 00:25:17

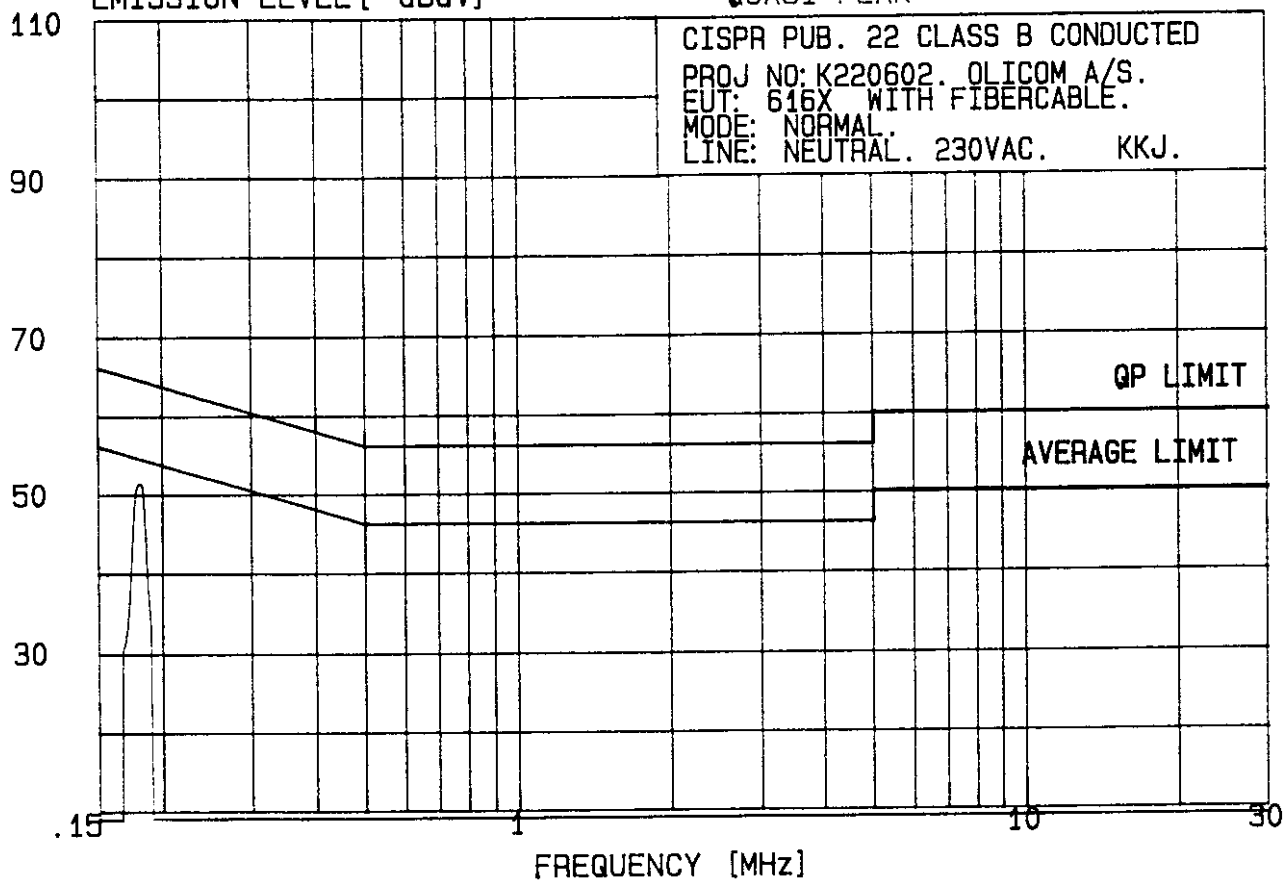
PEAK QUASI-PEAK



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV]

30 Nov 1999 00:25:17

QUASI-PEAK



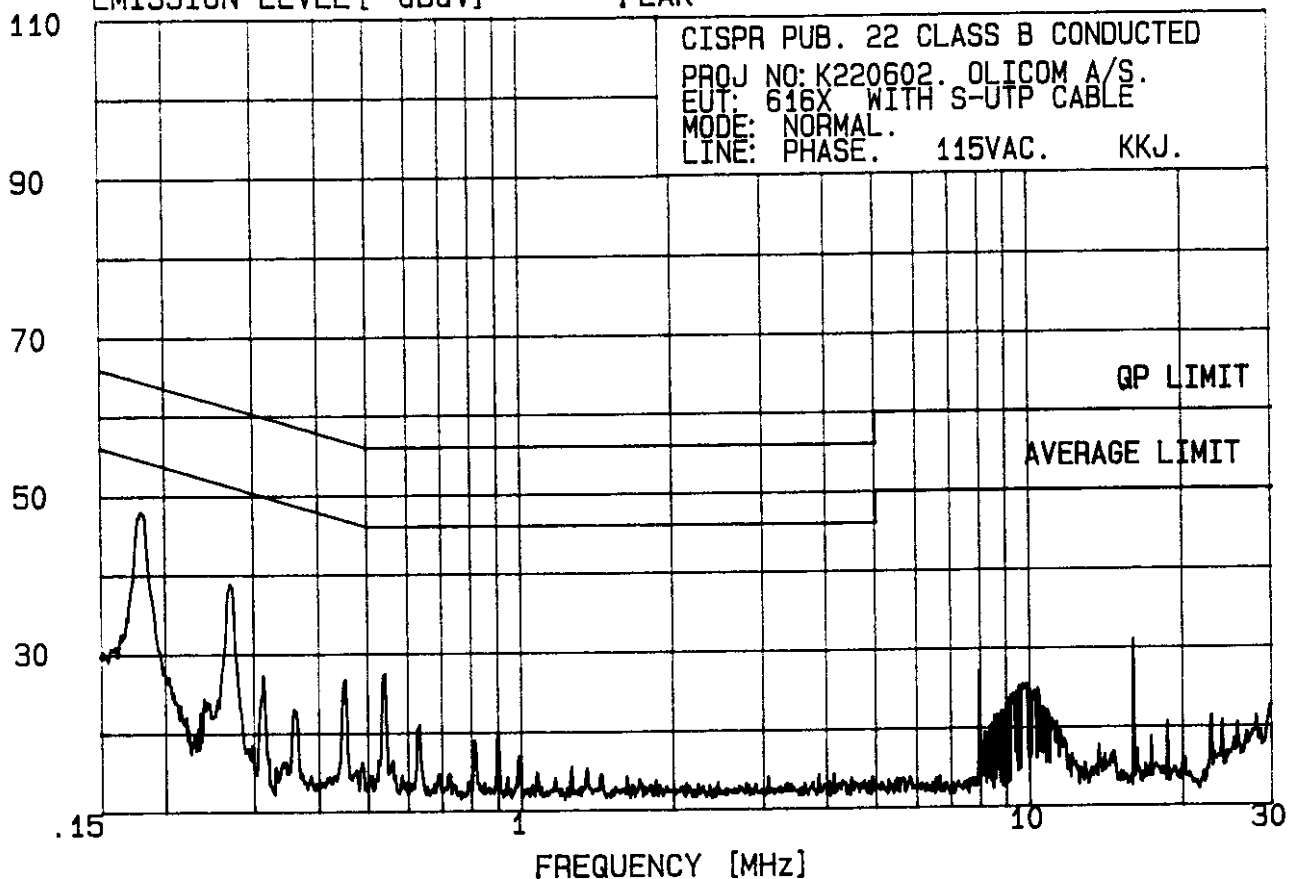
ANNEX 3

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

(6 pages)

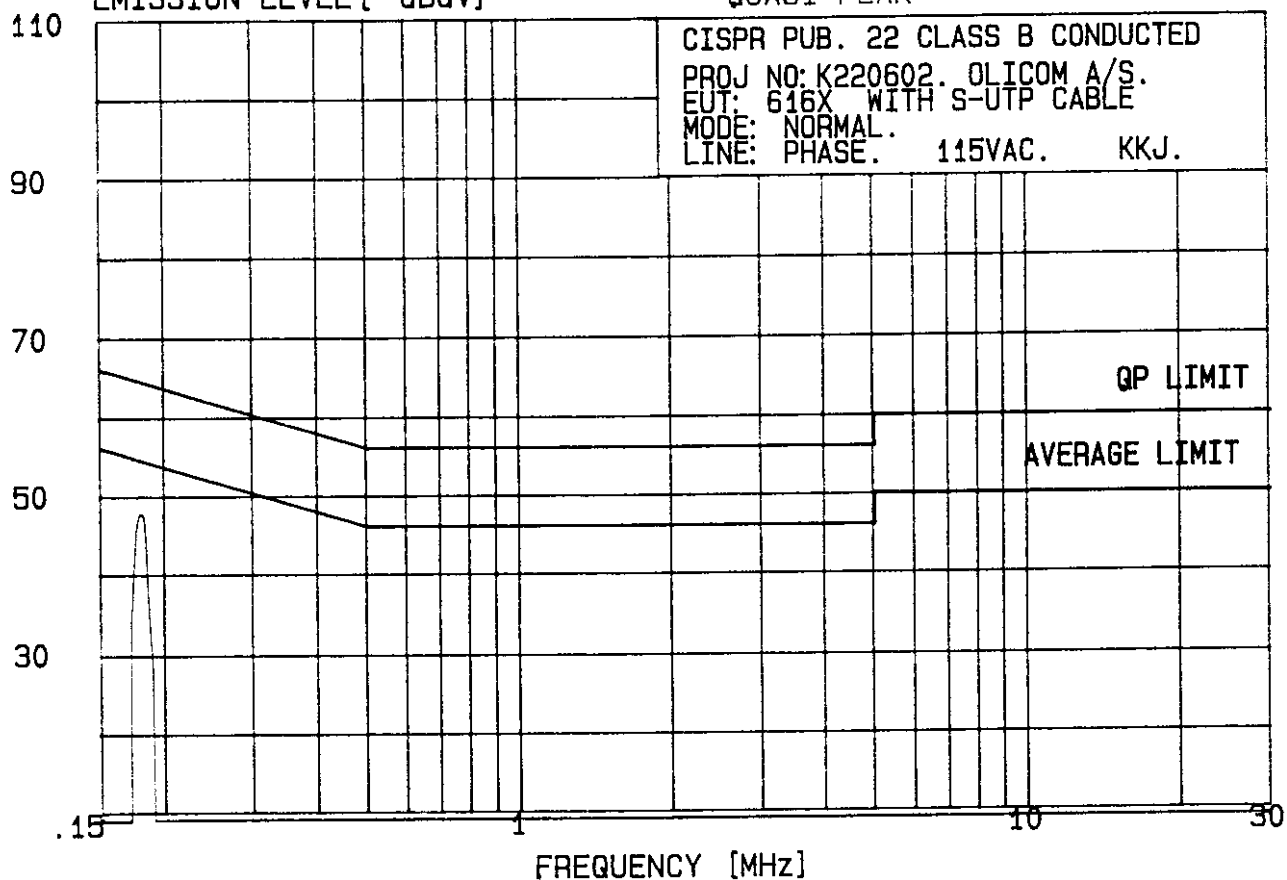
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 01:56:52



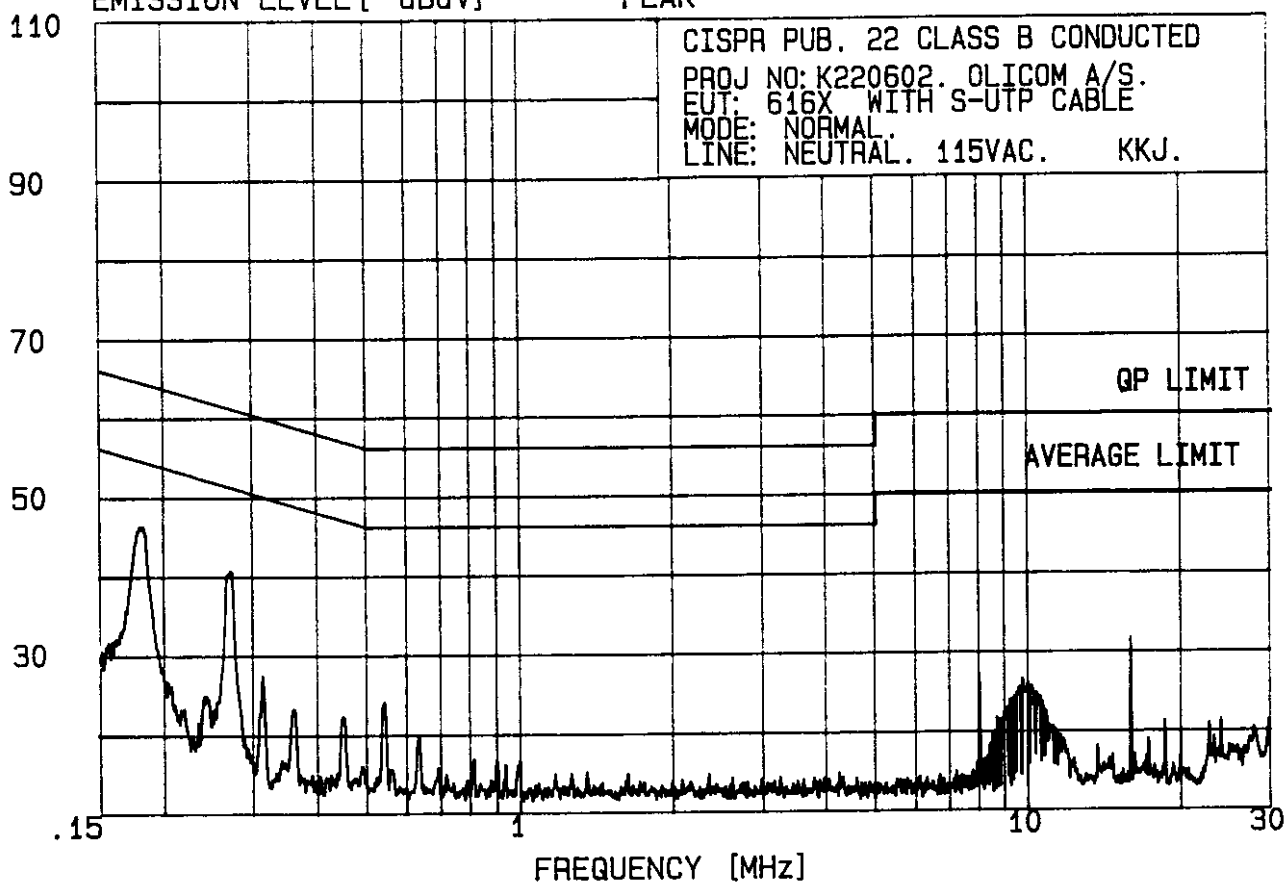
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

30 Nov 1999 01:56:52



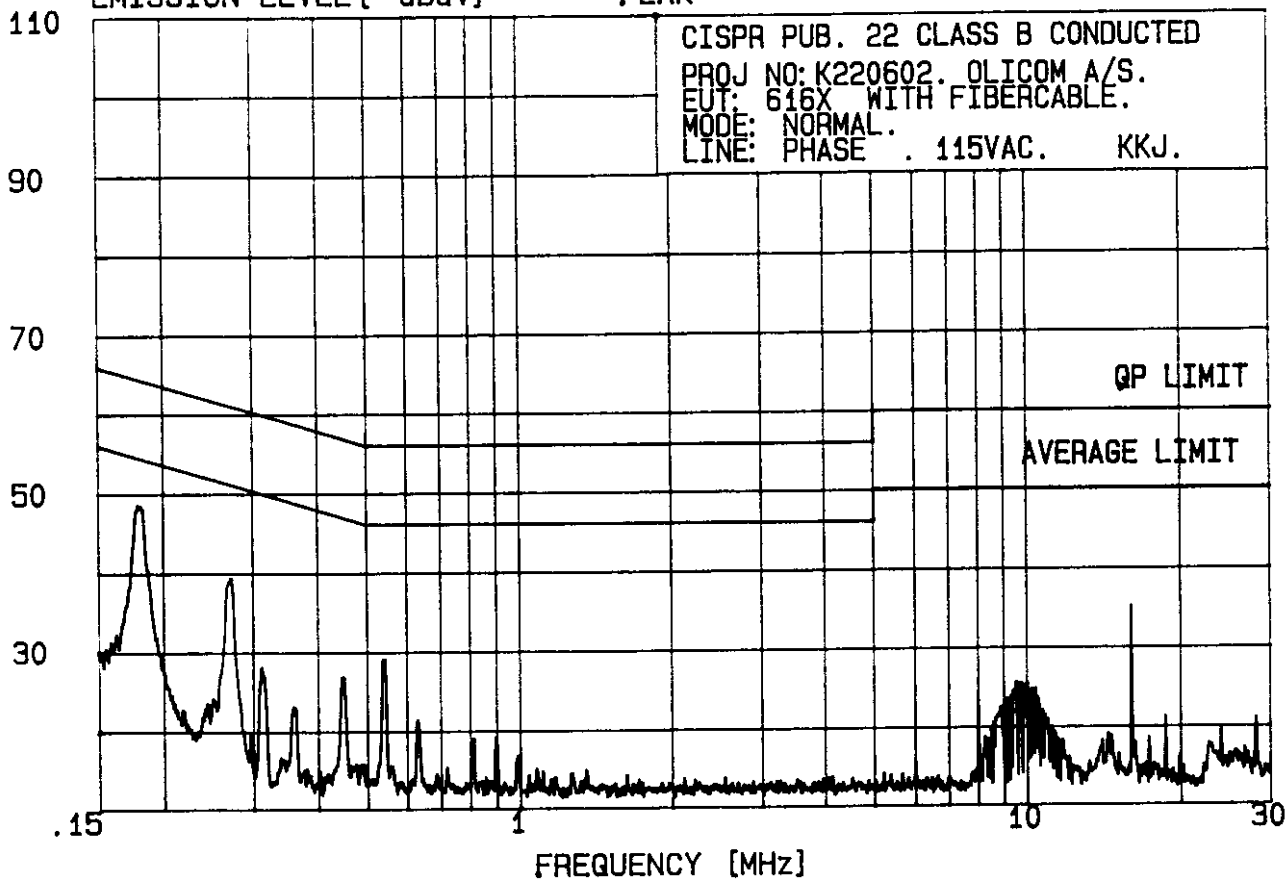
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 02:05:14



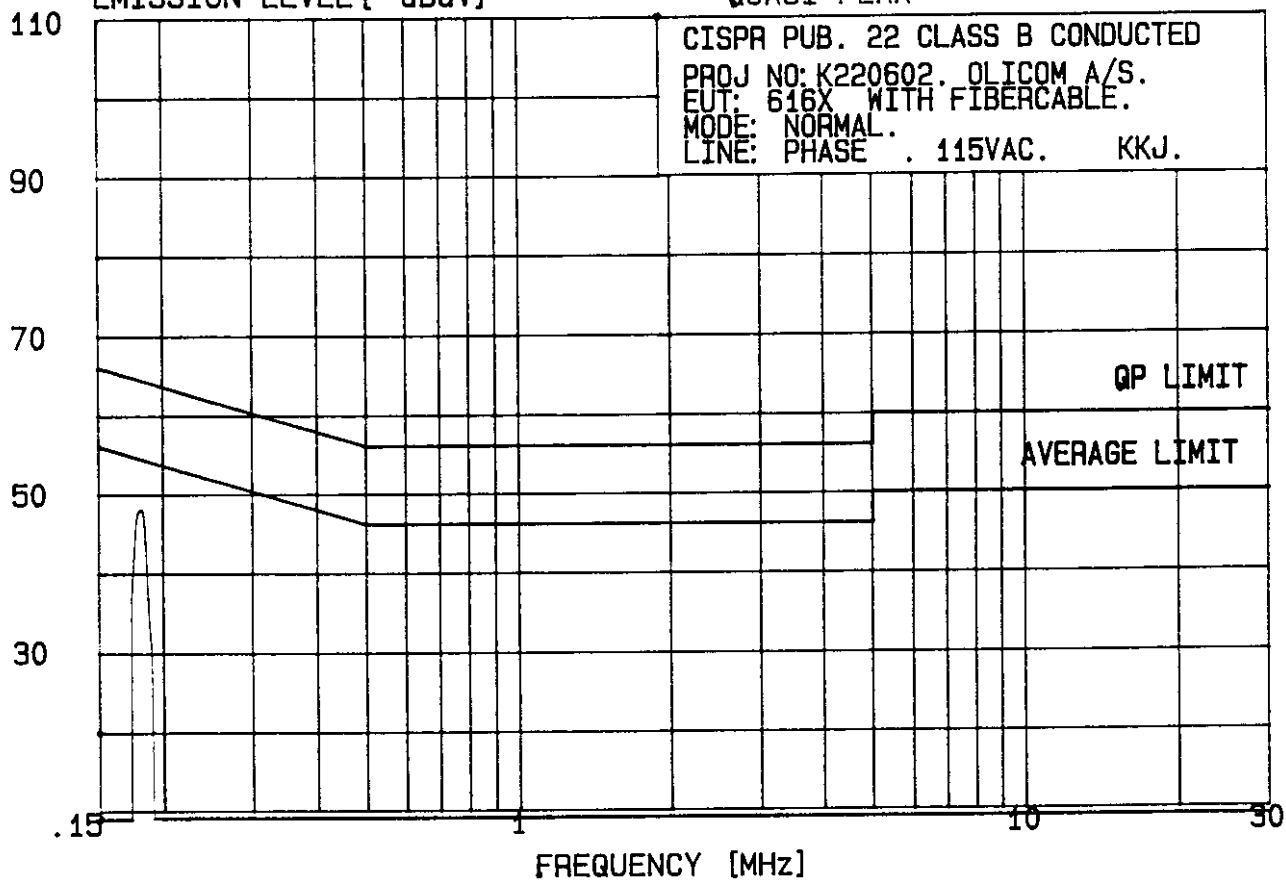
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 00:54:36



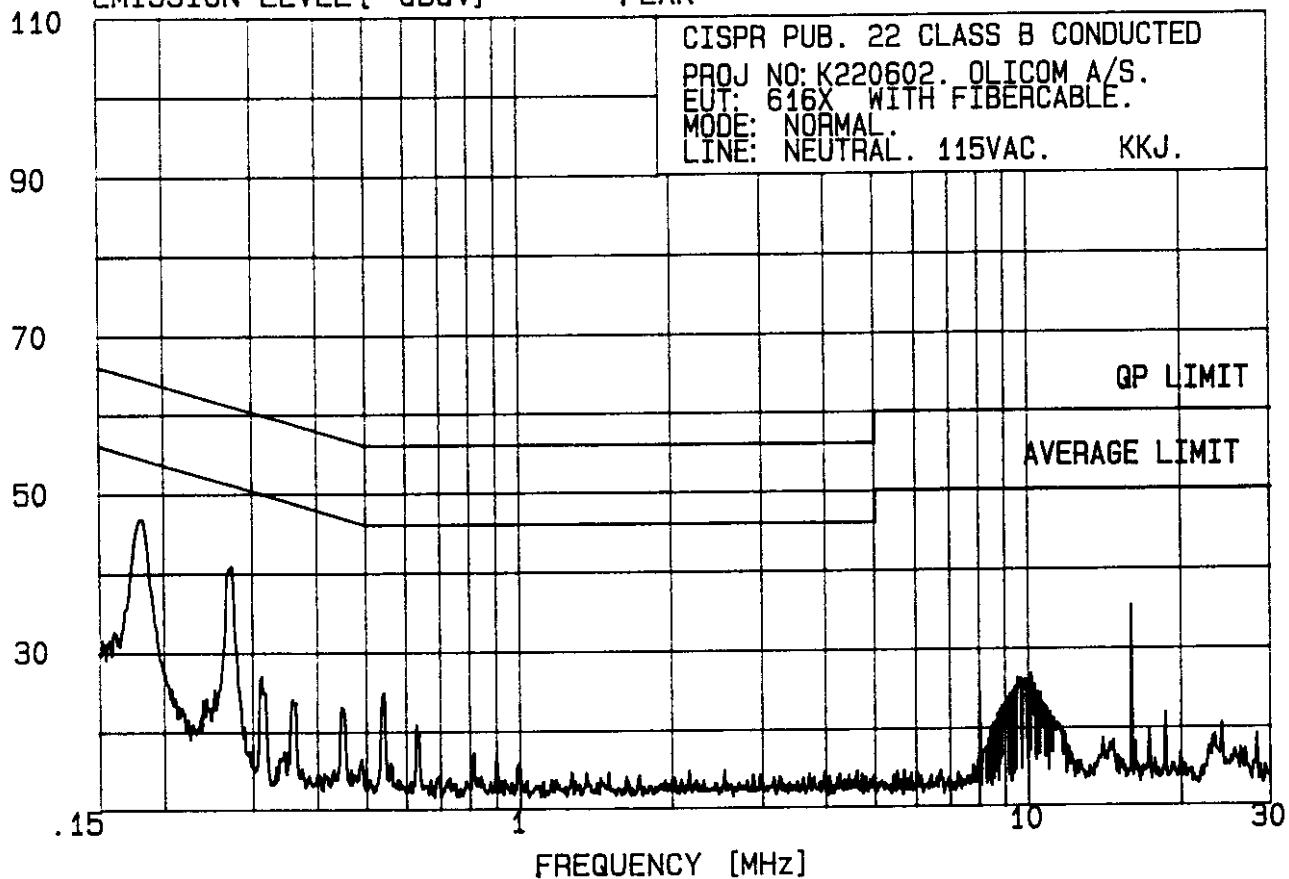
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

30 Nov 1999 00:54:36



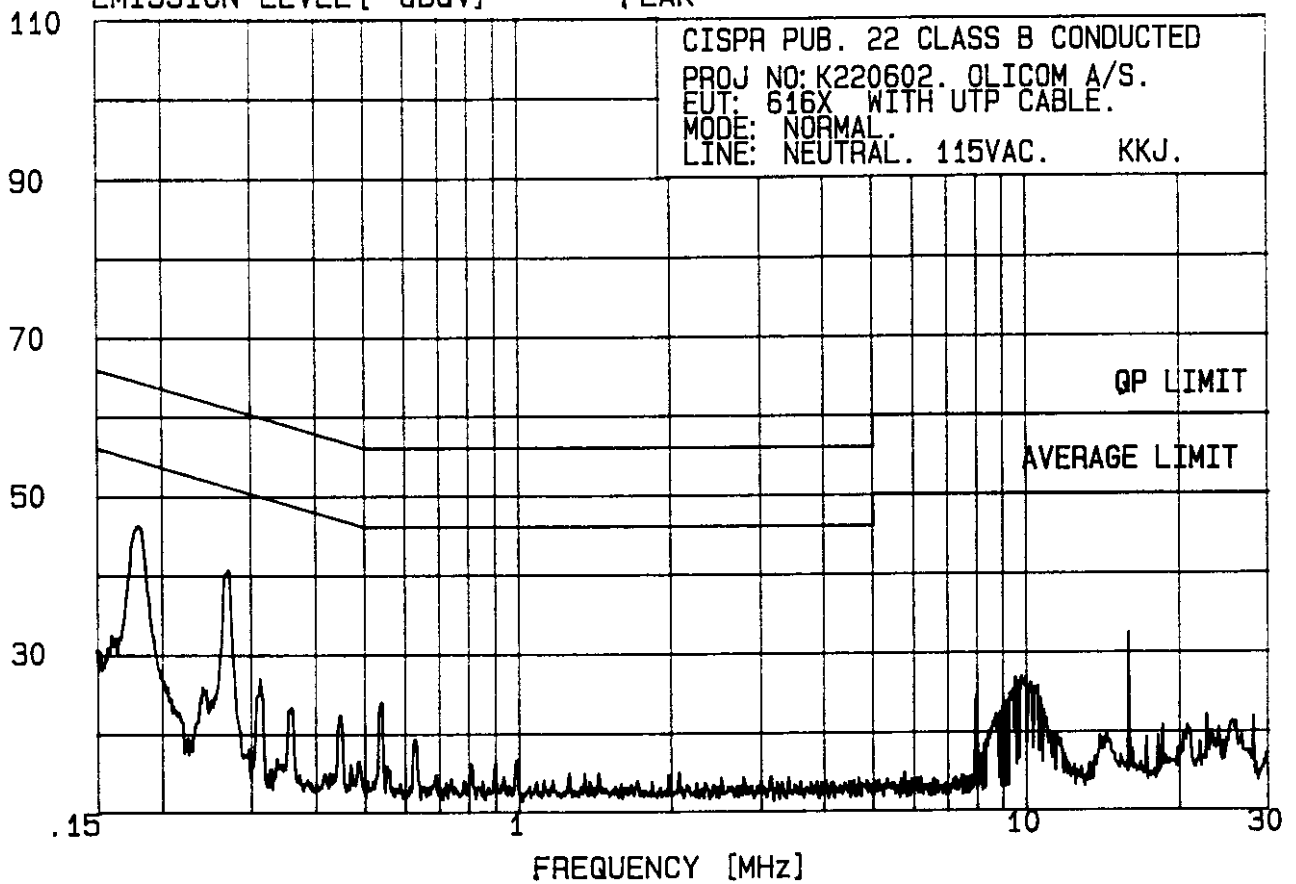
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBV] PEAK

30 Nov 1999 01:02:08



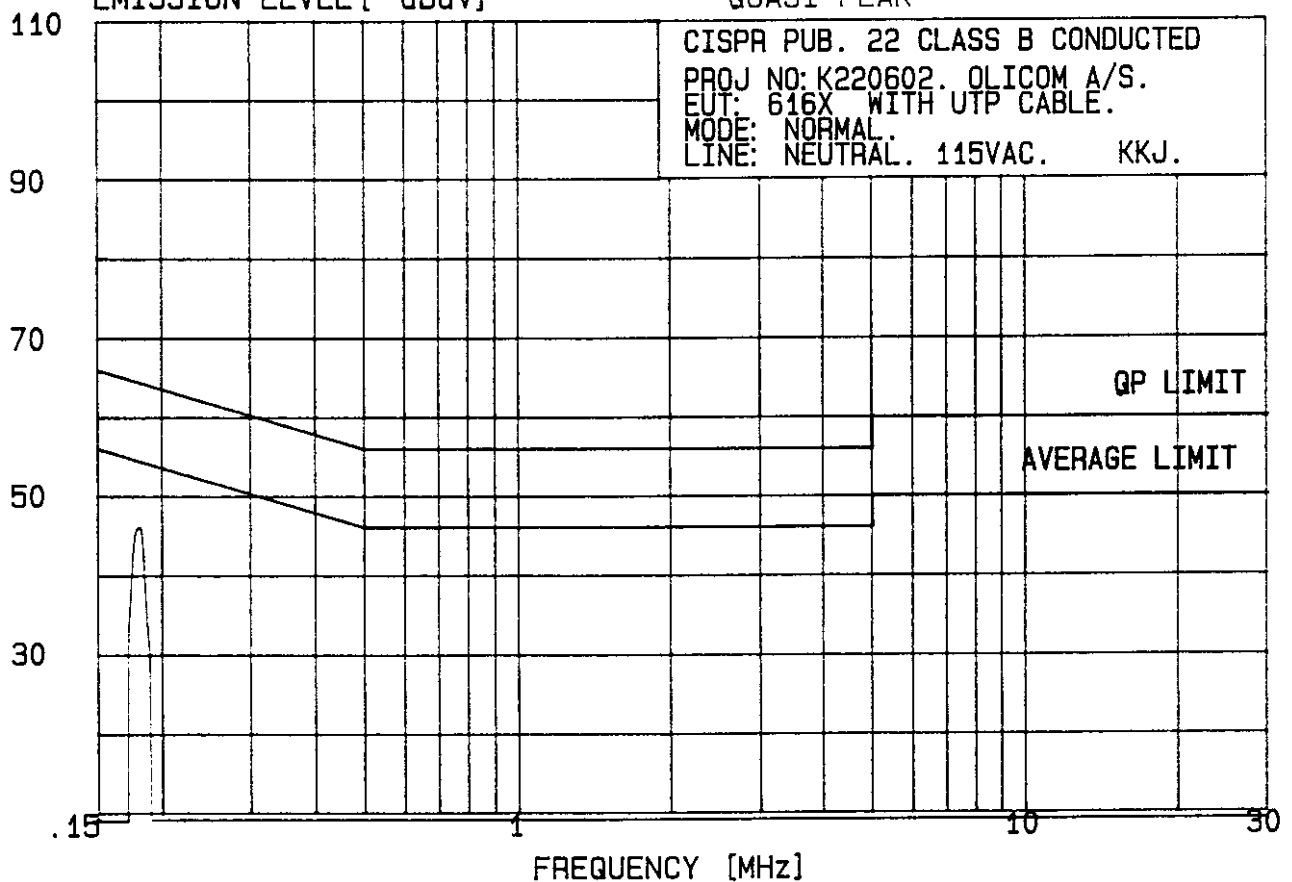
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 01: 43: 17



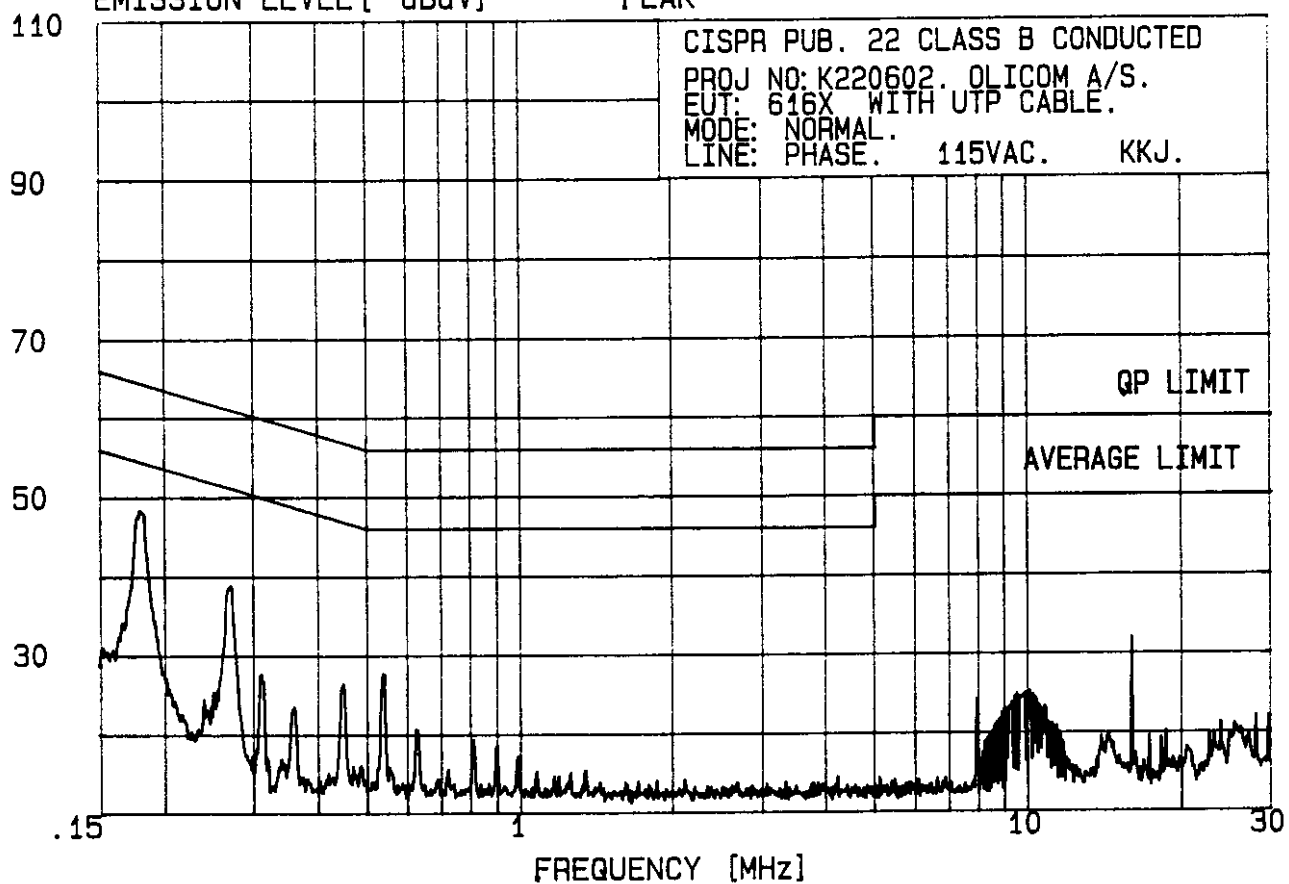
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

30 Nov 1999 01: 43: 17



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 01:51:08



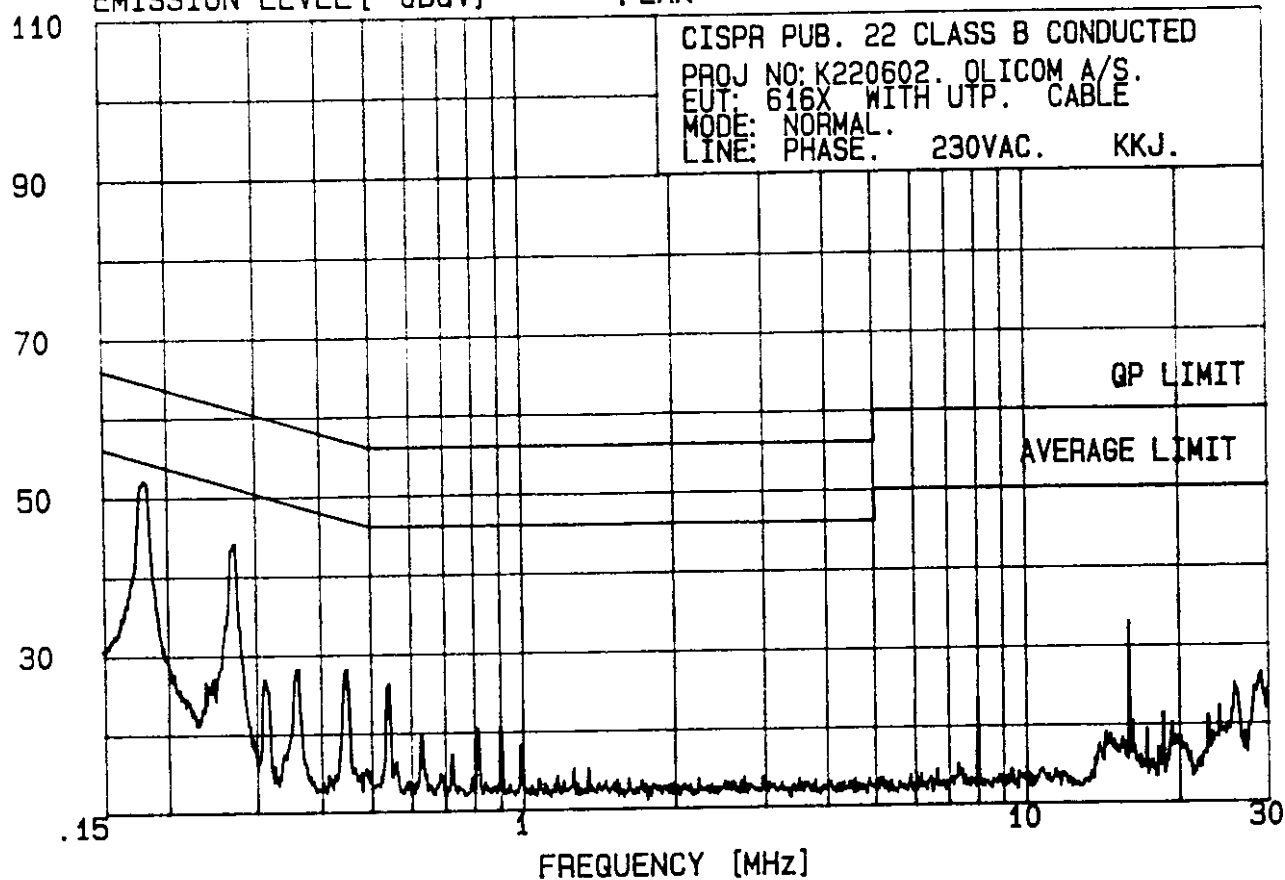
ANNEX 4

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

(6 pages)

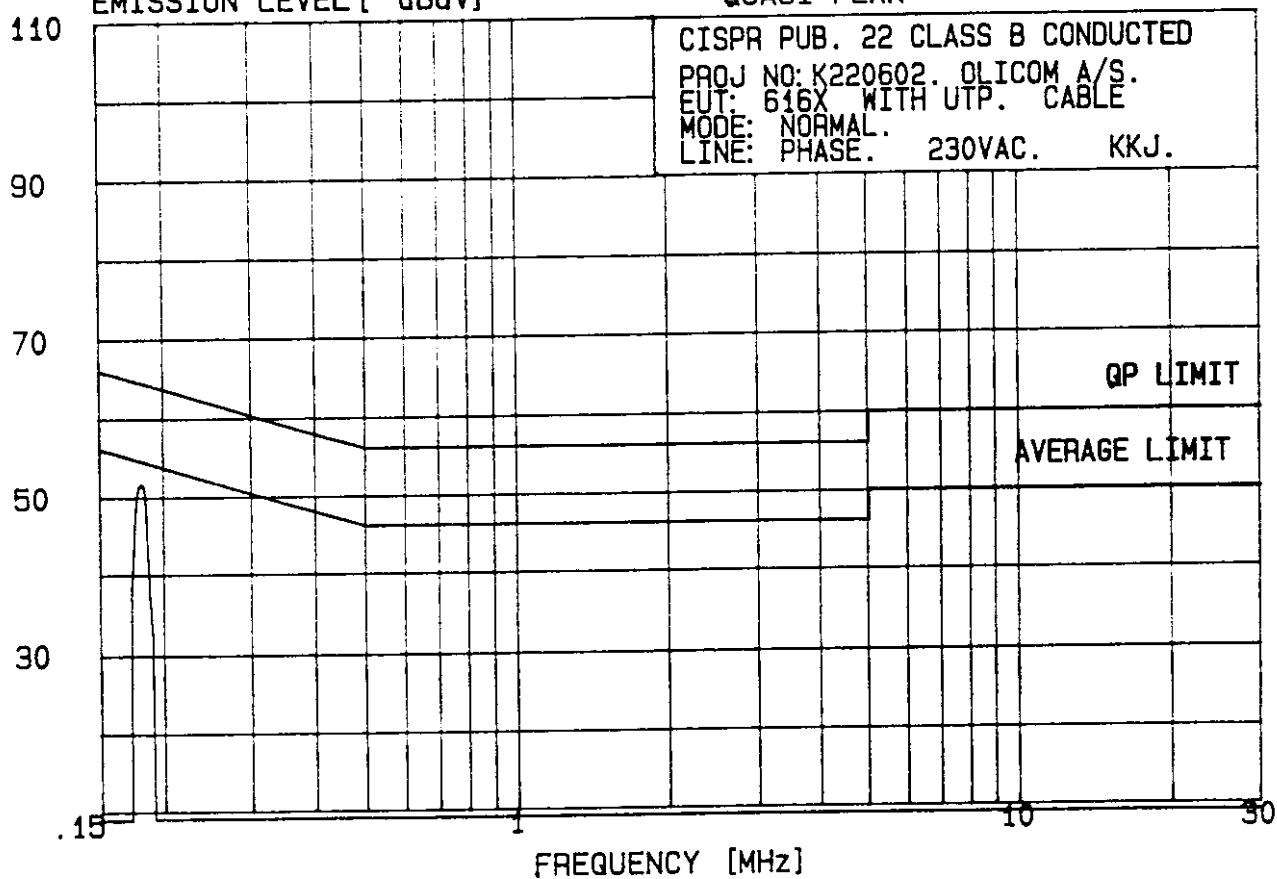
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

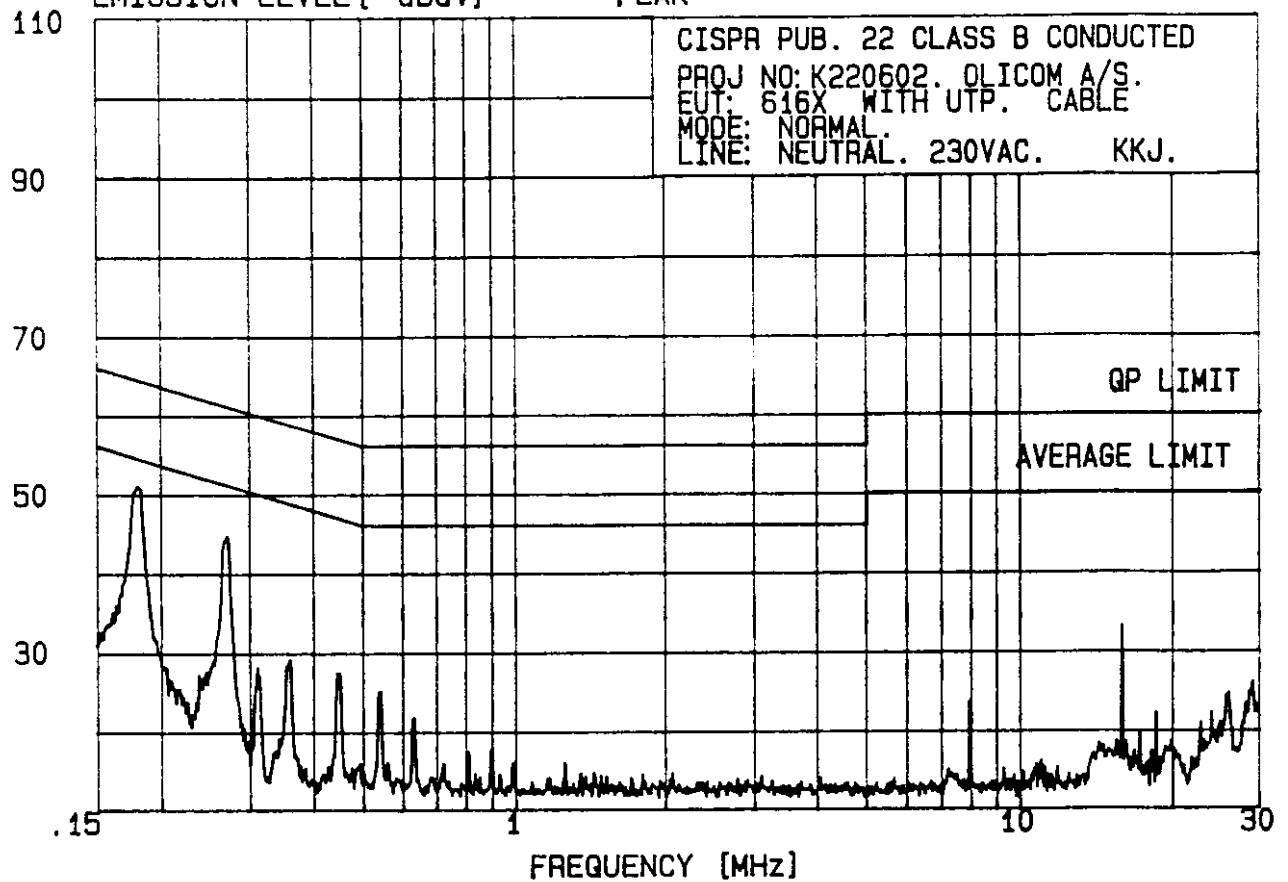
30 Nov 1999 02:24:11



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

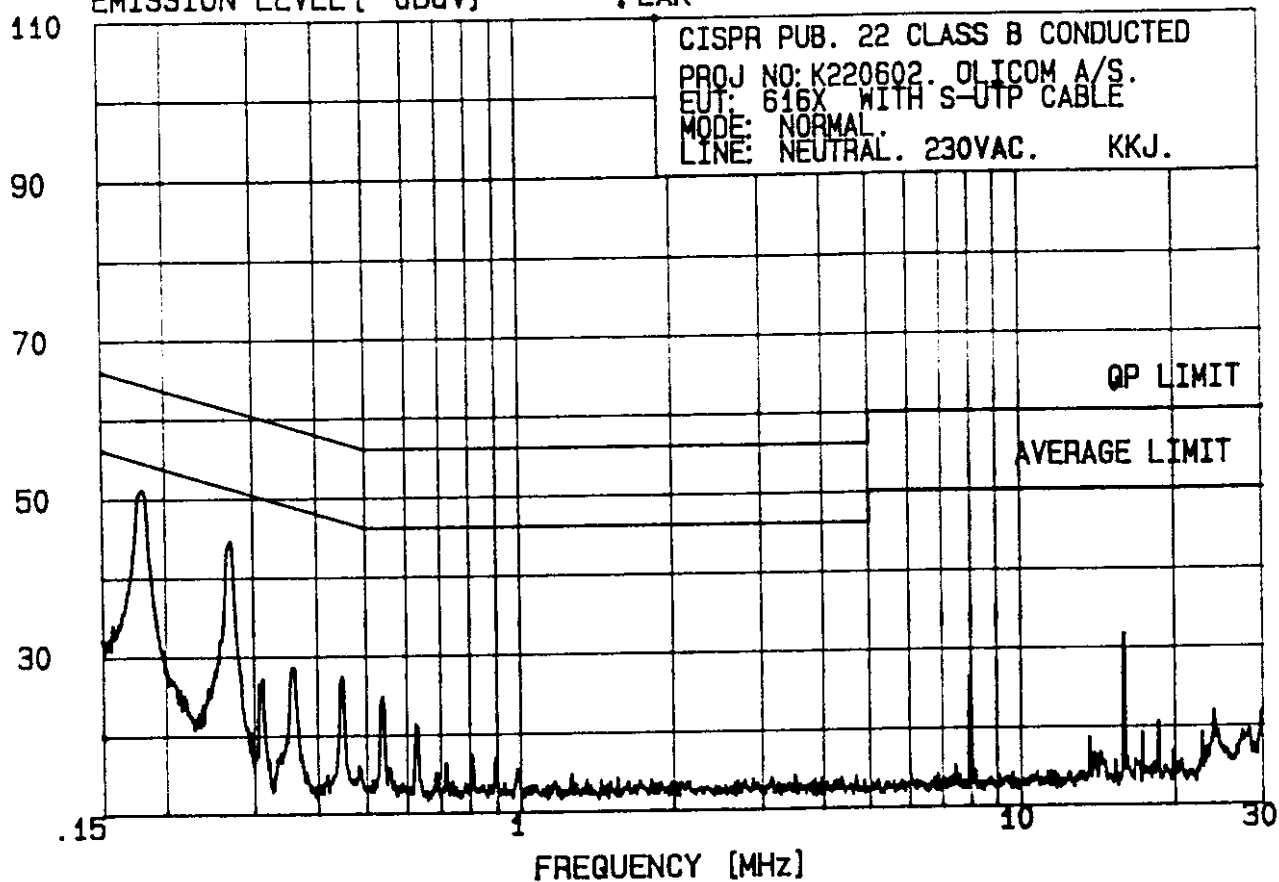
30 Nov 1999 02:24:11





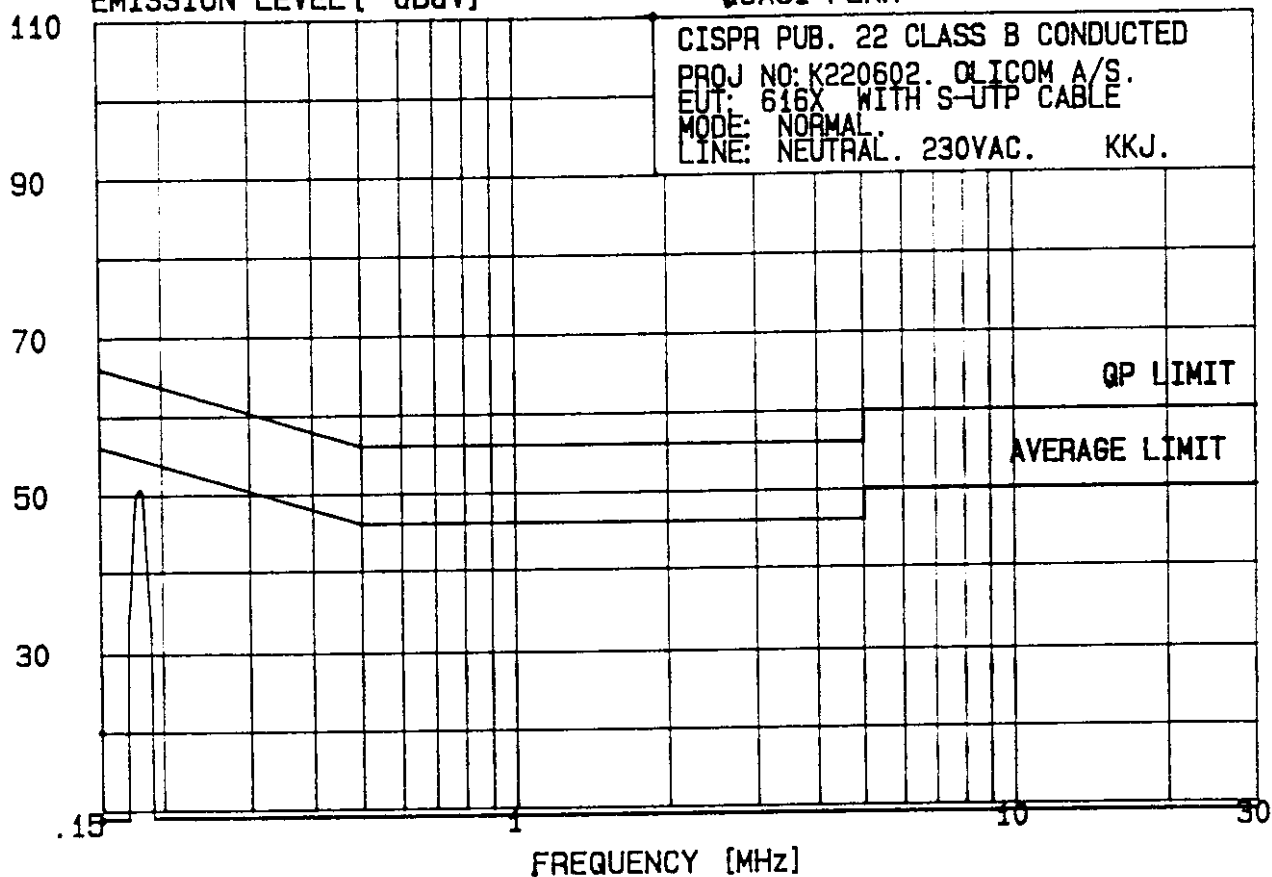
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 02:11:20



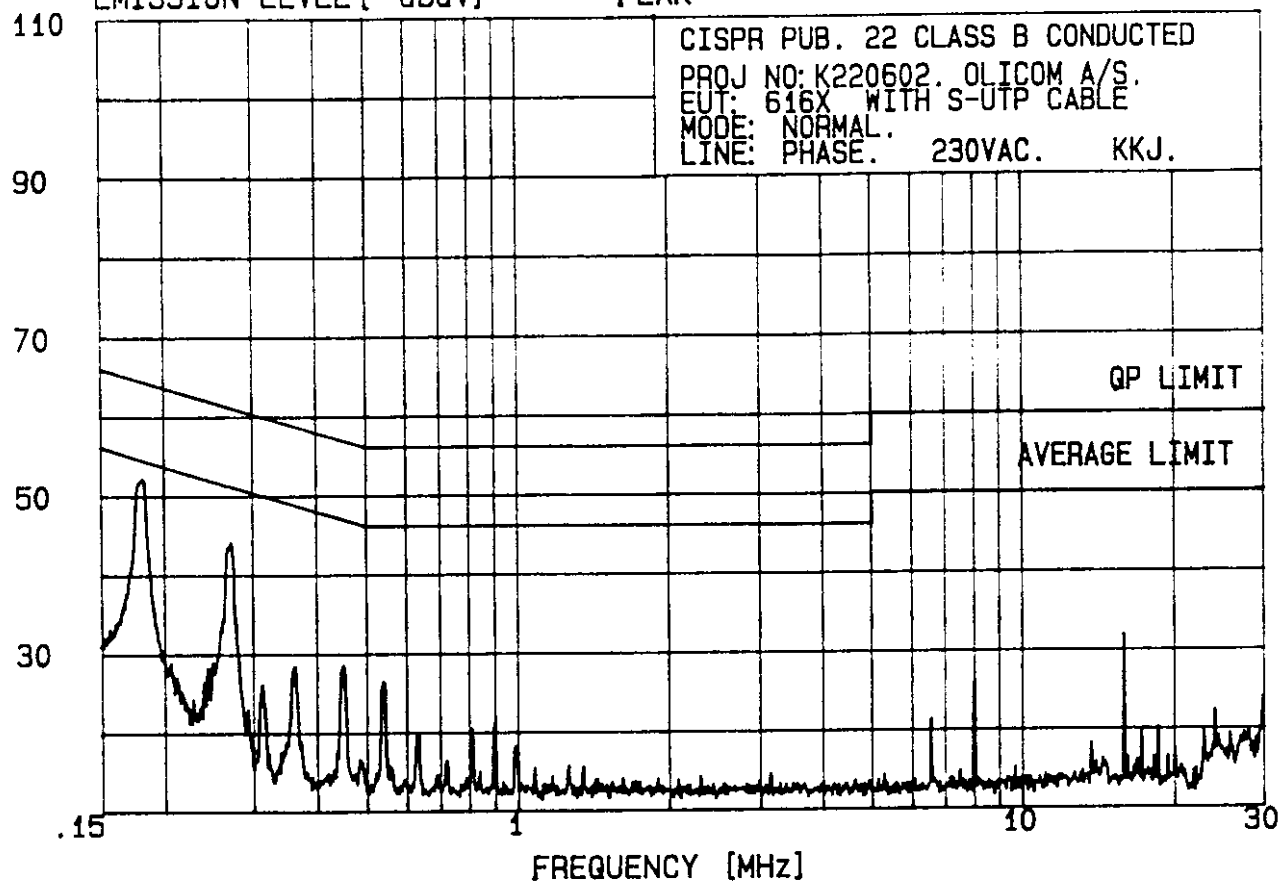
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] QUASI-PEAK

30 Nov 1999 02:11:20



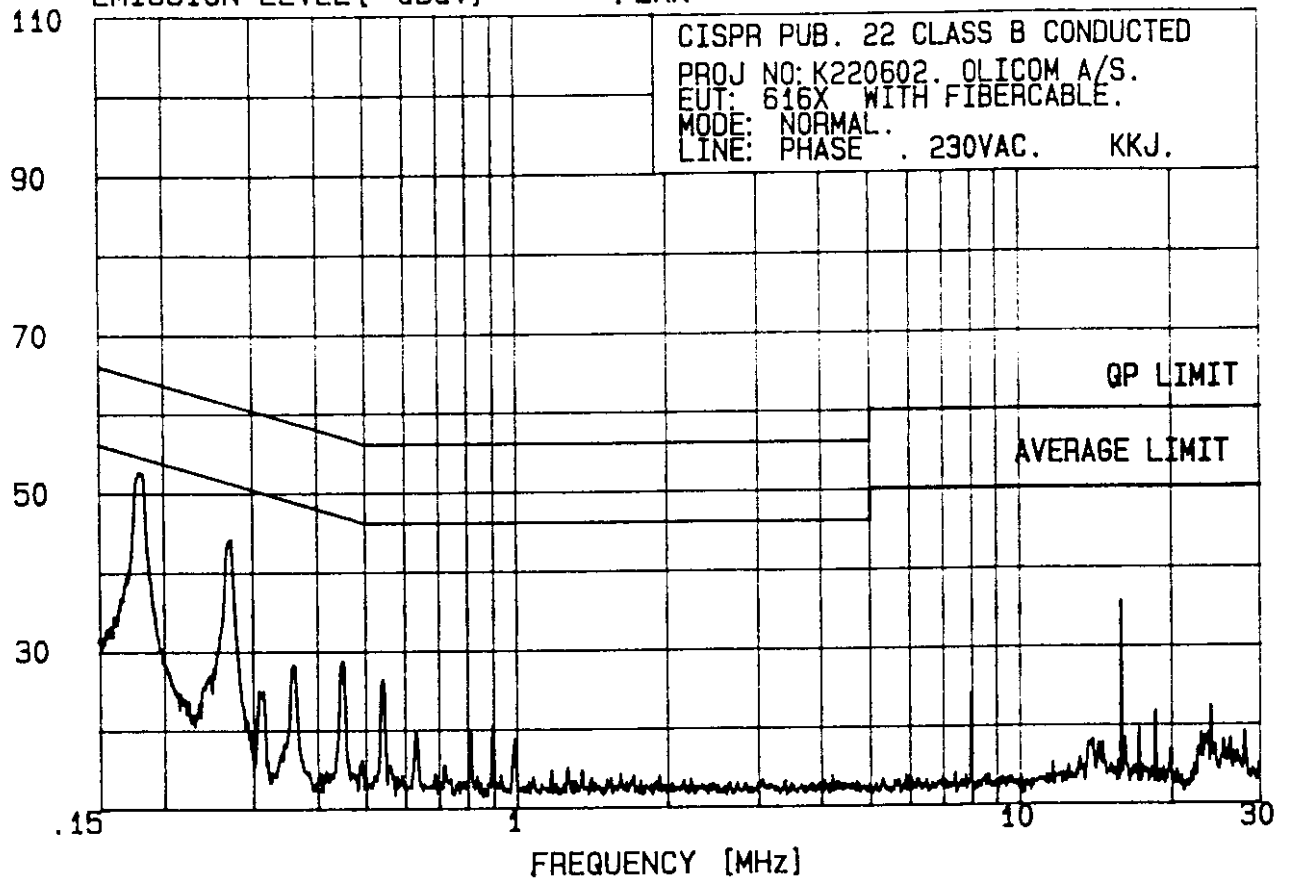
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 02:18:56



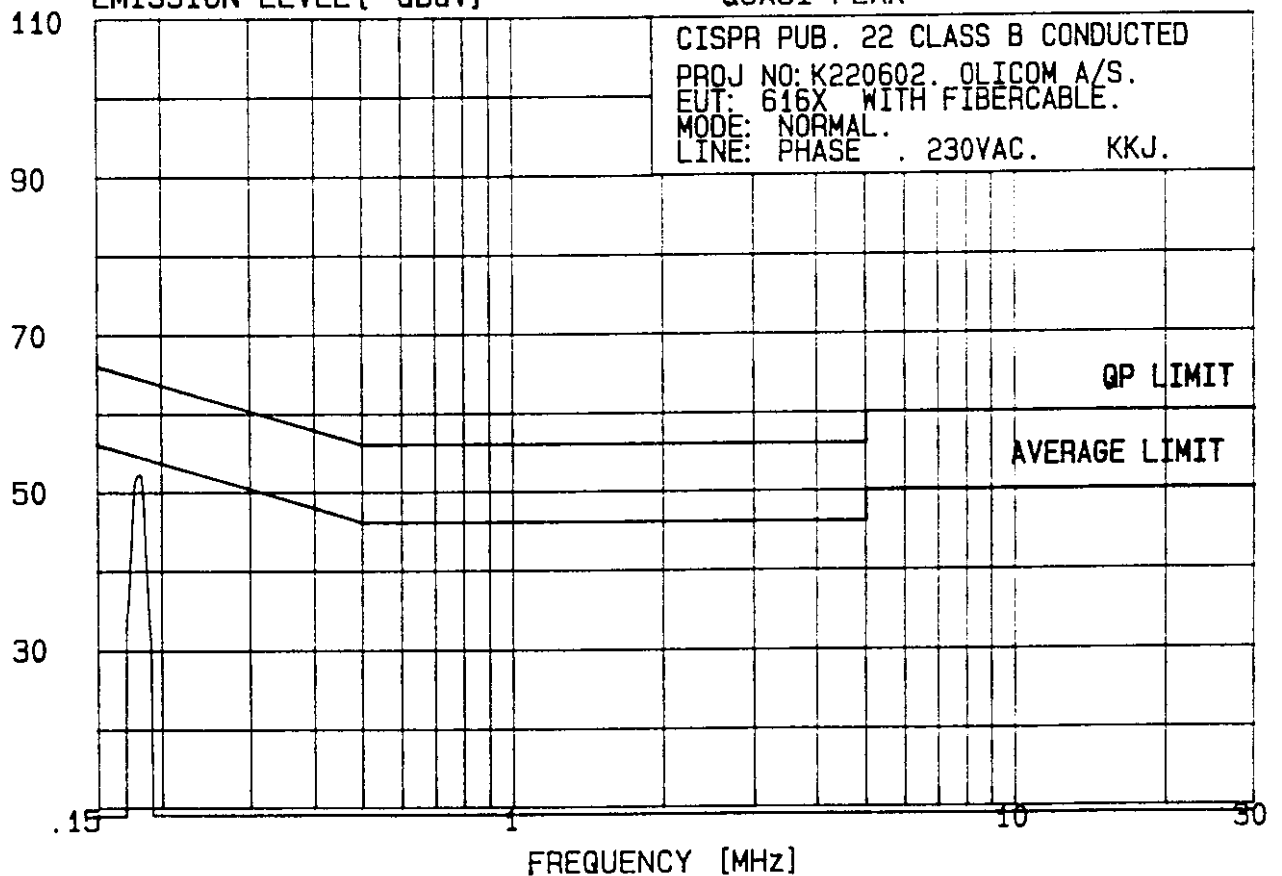
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV] PEAK

30 Nov 1999 00:38:48



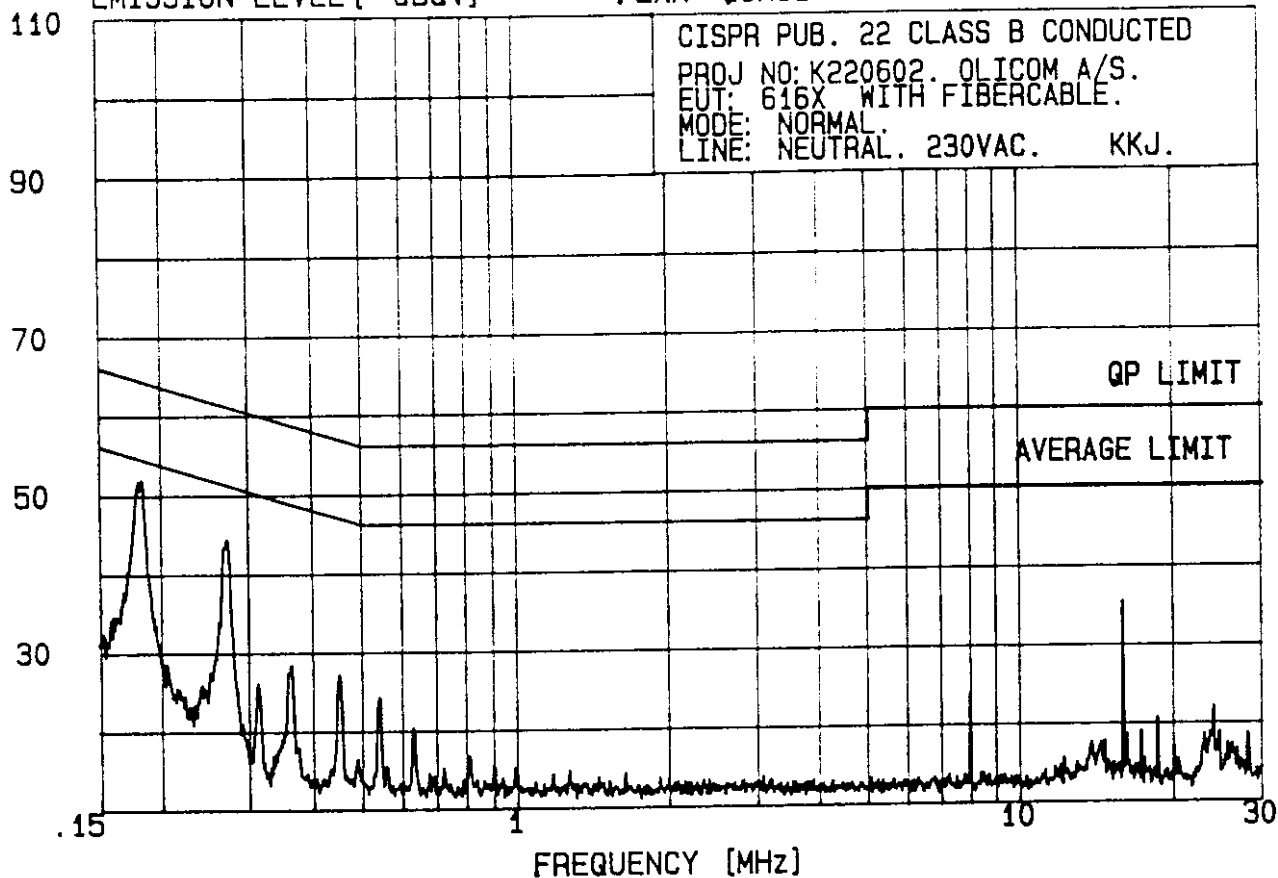
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV]

30 Nov 1999 00:38:48
QUASI-PEAK



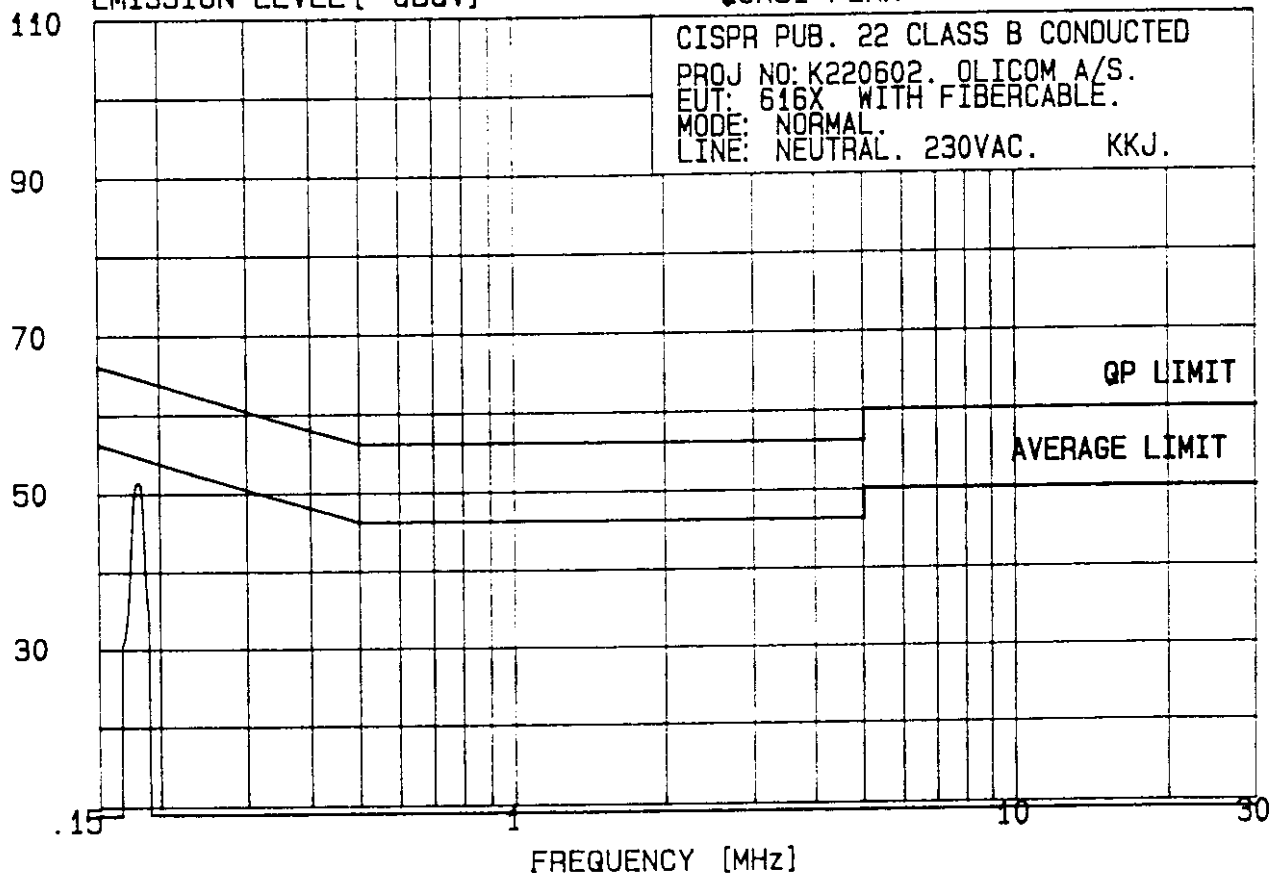
DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV]

30 Nov 1999 00:25:17
PEAK QUASI-PEAK



DELTA ELECTRONICS TESTING, EMC
EMISSION LEVEL [dBuV]

30 Nov 1999 00:25:17
QUASI-PEAK



ANNEX 5

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

(8 pages)

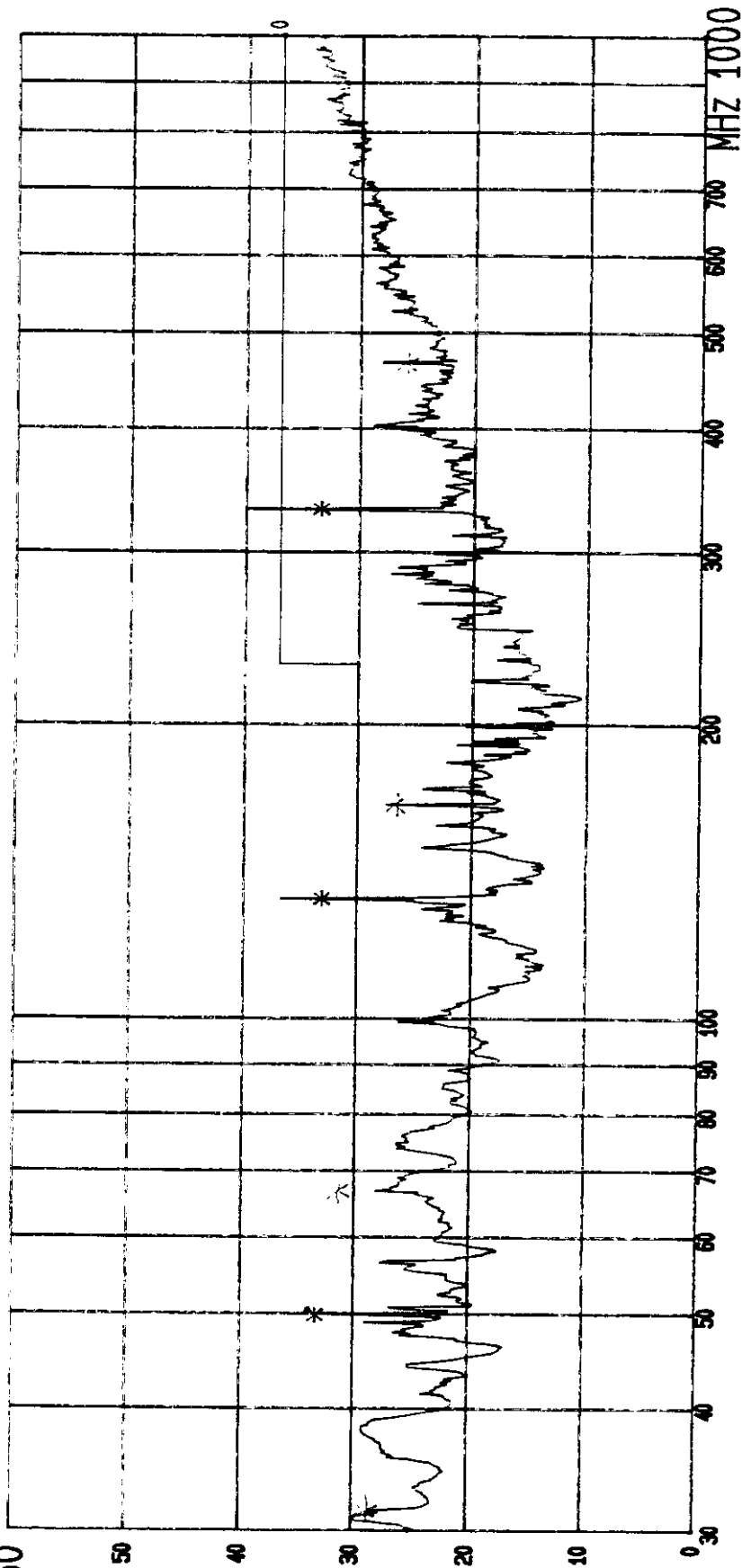
DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 16:21
E.U.T.: OC 6161 (1)
Oper. Condition: ANT.1mV UTP CABLE
Operator: PROJ NO: K220538- -AP
Test Spec: EN 55022 CLASS B. 30-1000 MHz (10 METER)

Start Fr. 29.0000 MHz
Stop Fr. 1000.0000 MHz
IF-BW 120 kHz
Datac. 0.020 s
Att. dB
Meas.T. type LN

* = QUASI PEAK

dBuV/m 60



115 VAC

OLICOM A/S.

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 24.APR'98 16:21
E.U.T.: DC 6161 (1)

Frequency MHz	measured Level. dBuV/m	Margin dB	Q P h/v	Pol h/v	Use Height m	Azimuth deg.
48.9700	33.3	3.3	W	V	0.98	289
132.6320	33.0	3.0	W	V	1.16	-1
331.5888	33.4	-3.5		V	0.98	-1
* Limit exceeded						

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 24.APR'98 17:18
E.U.T.: OC 6161 (2)

Frequency MHz	Level. dBuV/m	Margin dB	Q P	Pol h/v	Height m	Azimuth deg.
31.5000	29.0	-10.0		v	0.99	1
65.9000	31.7	-7.3		v	2.29	0
165.7900	27.1	-16.4		v	0.98	31
465.5500	26.5	-19.4		v	0.98	358

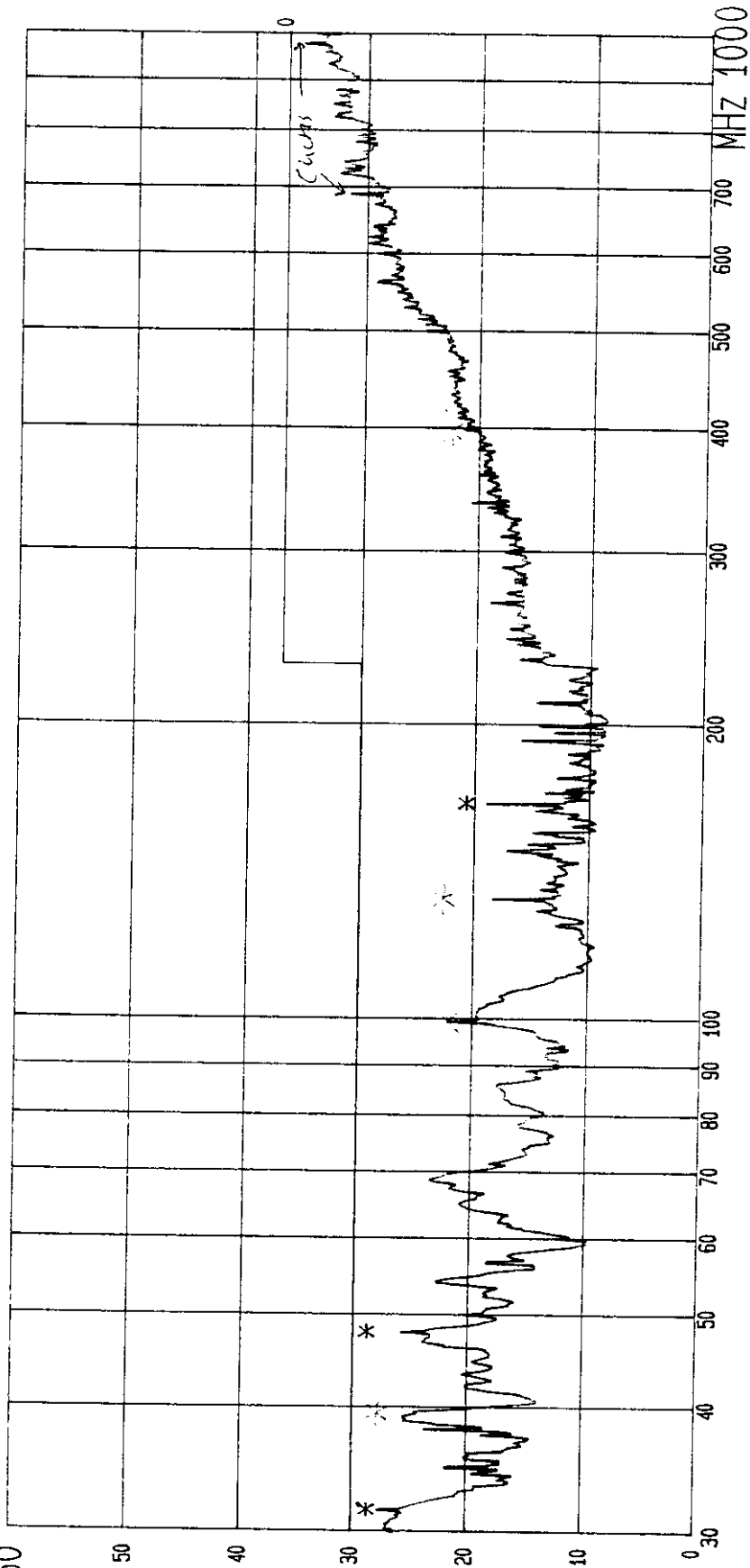
DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 18:46
E.U.T.: OC 6161 (3)
Oper. Condition: ANT.1mV STP CABLE
Operator: PROJ NO: K220539- -AP
Test Spec:
EN 55022 CLASS B. 30-1000 MHz (10 METER)

Start Fr. Stop Fr. IF-BW Detec Att. Meas.T. Transd.
MHz MHz kHz tor dB s type
29.0000 1000.0000 120 Peak LN 0.020

* = QUASI PEAK

dBuV/m₆₀



115 VAC

OLICOM A/S.

DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 18:46
E.U.T.: OC 5151 (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.
31.5700	28.7	-1.3	v	0.98	315
47.9200	28.8	-1.2	v	0.98	162
165.7900	20.6	-9.2	v	0.98	310

* Limit exceeded

DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 19:47
E.U.T.: OC 6161 (4)

measured			values		
Frequency	Level	Margin	Pol	Height	Azimuth
MHz	dBuV/m	dB	h/v	m	deg.
39.4500	28.0	-2.0	v	0.99	117
99.4700	22.1	-7.9	v	1.41	230
132.6000	22.9	-7.1	v	1.34	272
397.8900	22.5	-14.4	h	1.81	59
* Limit exceeded					

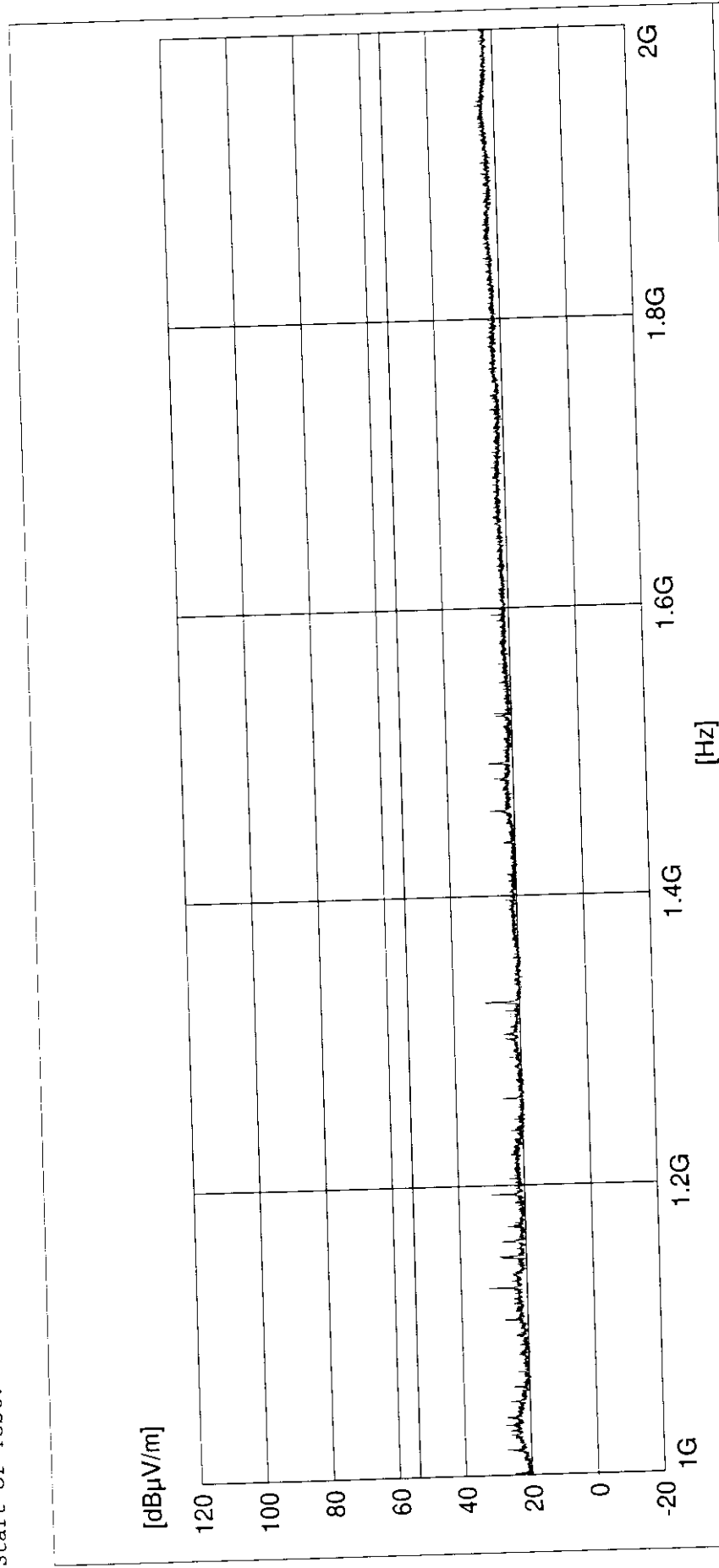
ANNEX 6

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

(41 pages)

DELTA Electronic Testing

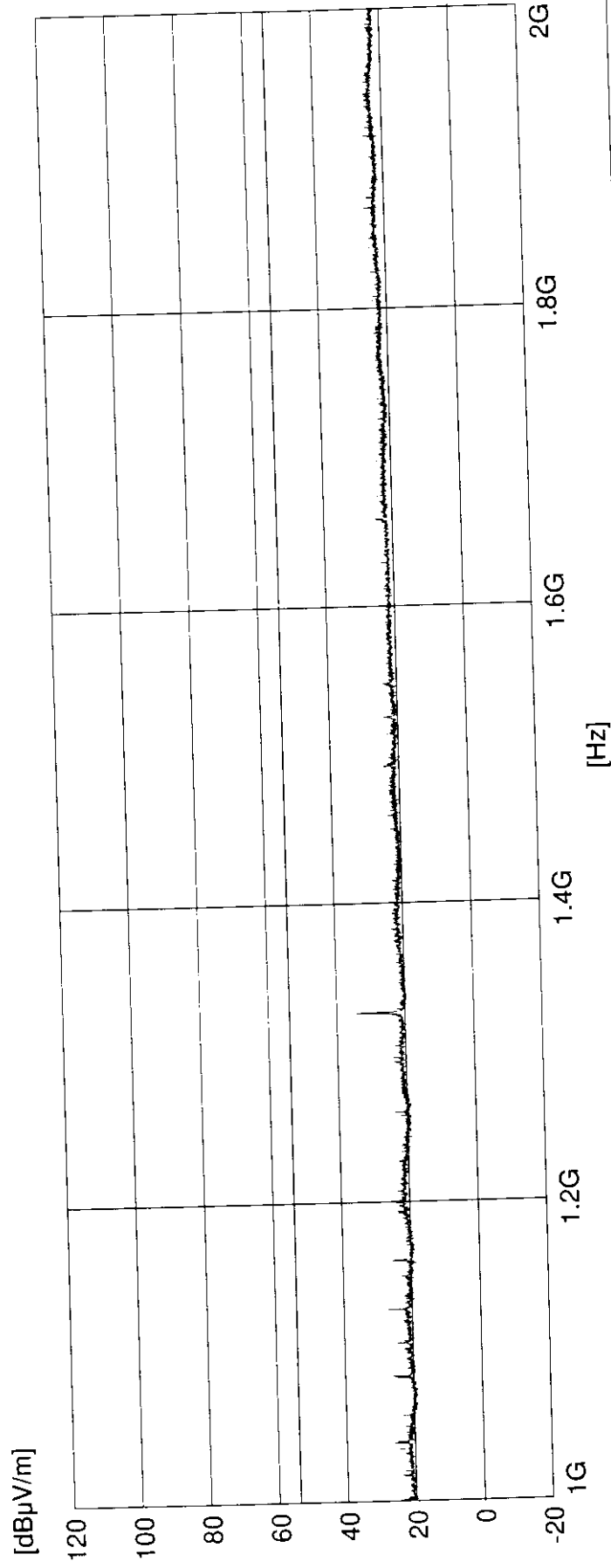
EUT: OC-6162
 Manufacturer: JN
 Operating Condition: 0 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN
 Test Specification: FCC class B (3m)
 Comment: Sheet 2
 Start of Test: 30-04-98 / 09:18:24



--- MES Sheet 1
 --- LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

DELTA Electronic Testing

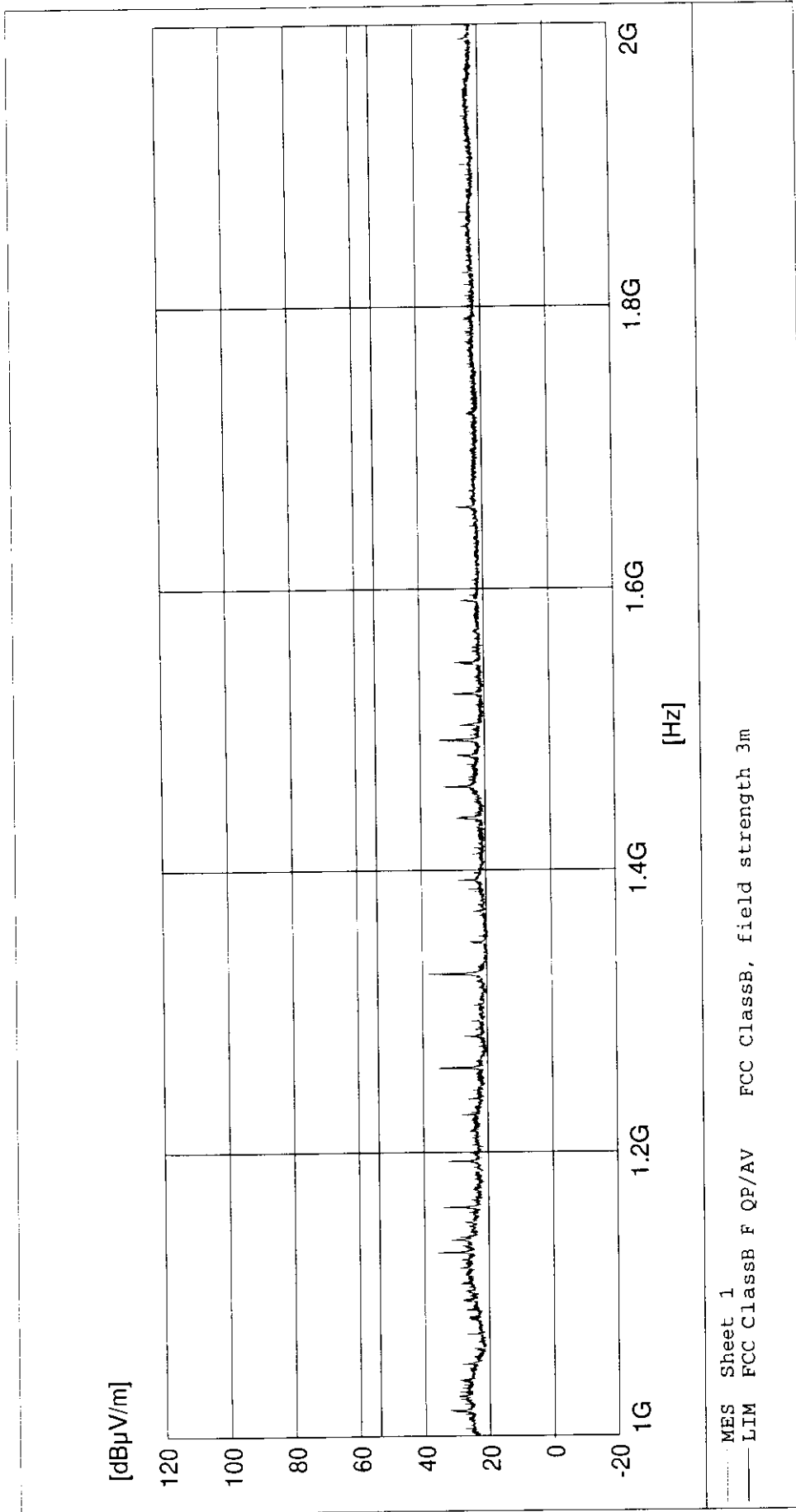
EUT: OC-6162
Manufacturer: Olimcom A/S
Operating Condition: 90 deg, Vertical, 115 VAC
Test Site: EMC-5
Operator: JN
Test Specification: FCC class B (3m)
Sheet 3
Comment: 30-04-98 / 09:18:24
Start of Test:



MES Sheet 1
LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

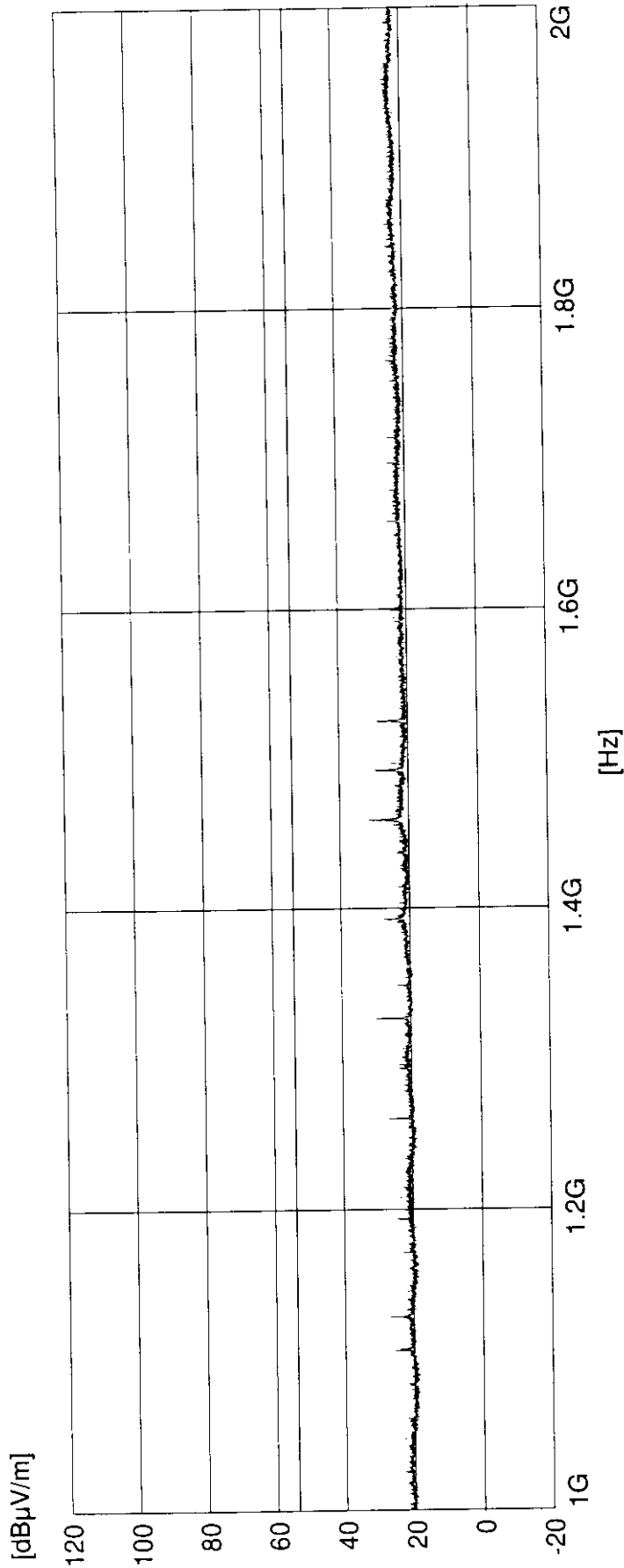
DELTA Electronic Testing

EUT: OC-6162
 Manufacturer: Olicom A/S
 Operating Condition: 180 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN
 Test Specification: FCC class B (3m)
 Comment: Sheet **4**
 Start of Test: 30-04-98 / 09:18:24



DELTA Electronic Testing

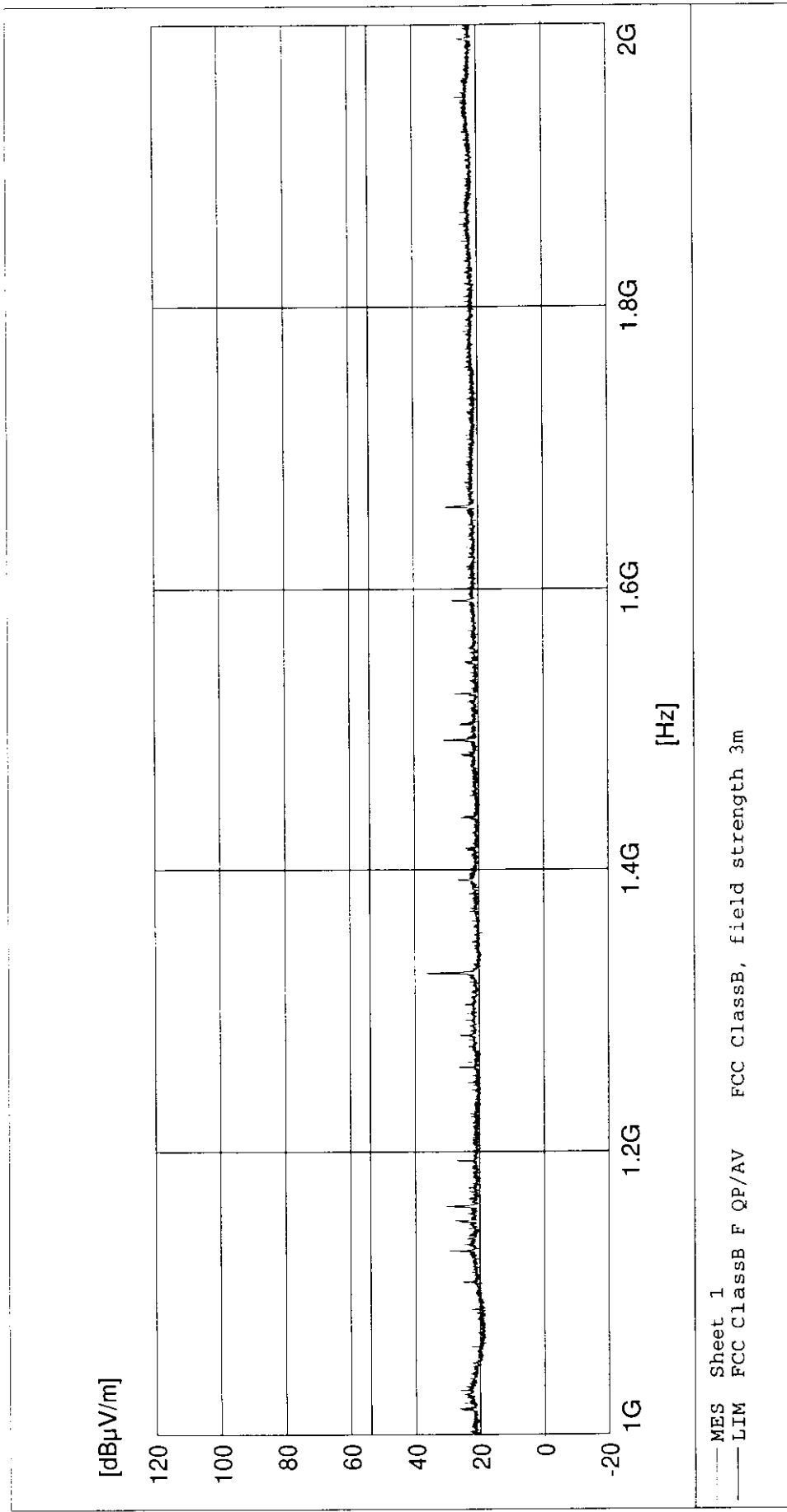
EUT: OC-6162
 Manufacturer: Olicom A/S
 Operating Condition: 270 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN
 Test Specification: FCC class B (3m)
 Comment: Sheet 5
 Start of Test: 30-04-98 / 09:18:24



MES Sheet 1
 LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

DELTA Electronic Testing

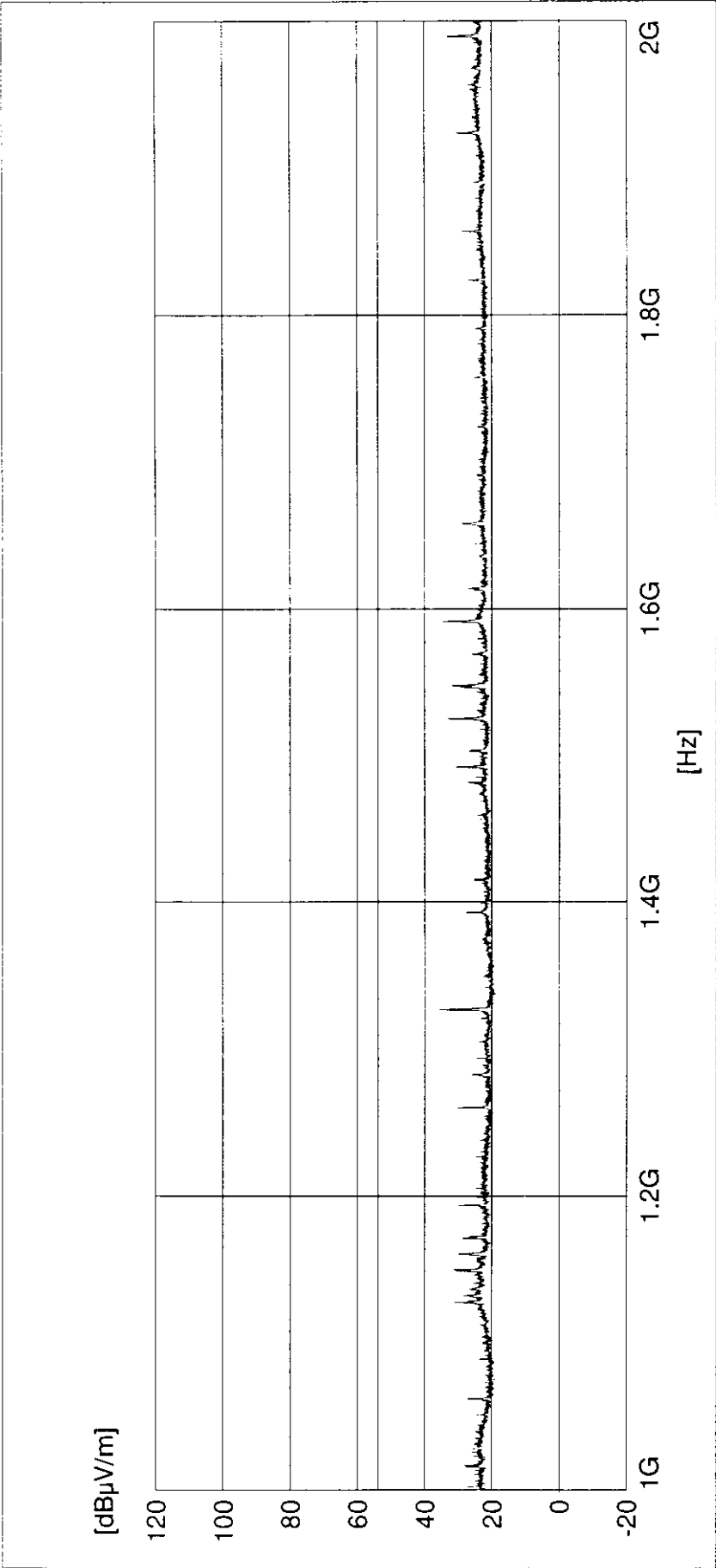
EUT: OC-6162
 Manufacturer: Olimcom A/S
 Operating Condition: 270 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN
 Test Specification: FCC class B (3m)
 Comment: Sheet 6
 Start of Test: 30-04-98 / 09:18:24



--- MES Sheet 1
 --- LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

DELTA Electronic Testing

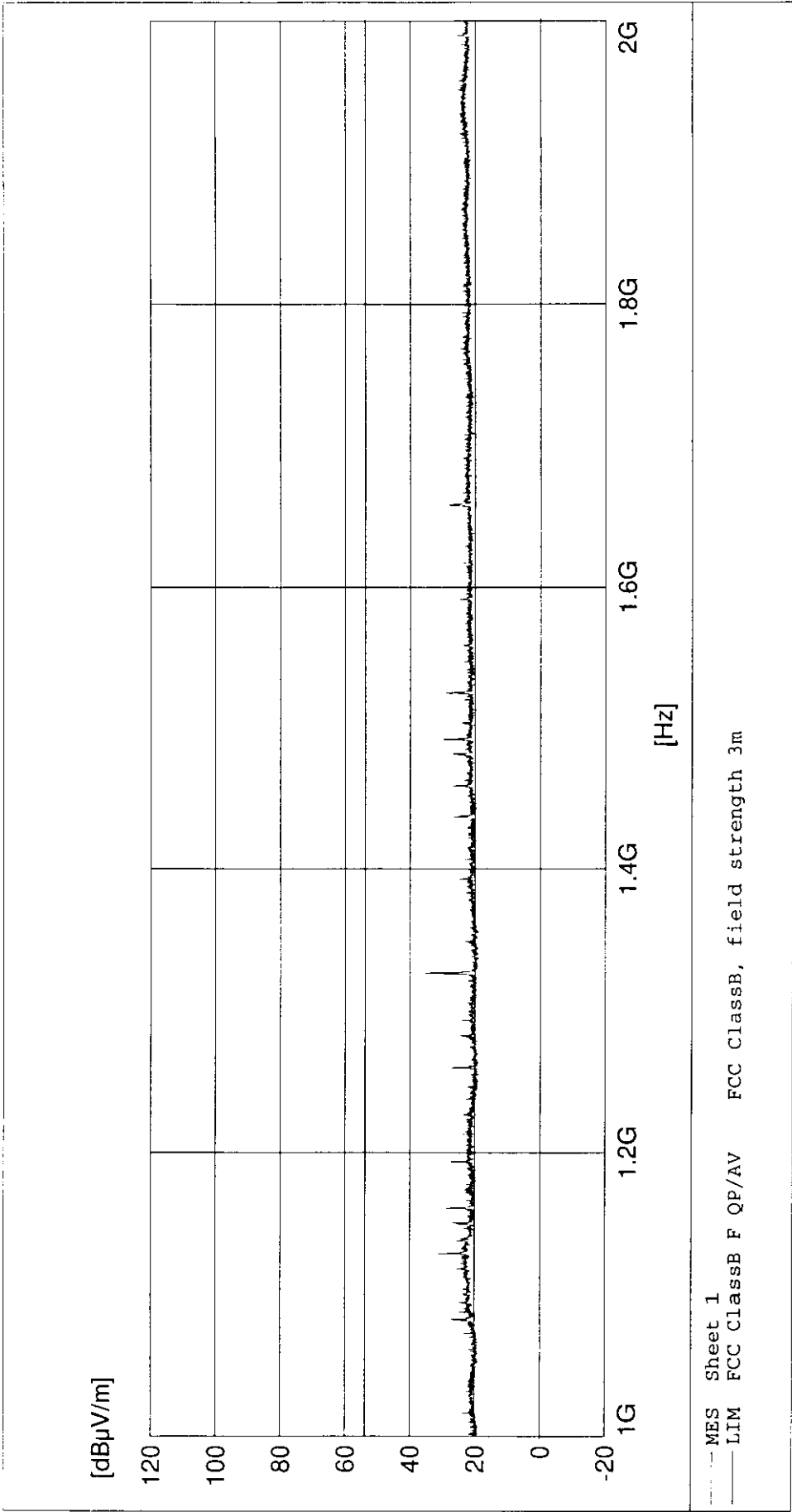
EUT: OC-6162
 Manufacturer: Olimcom A/S
 Operating Condition: 180 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN
 Test Specification: FCC class B (3m)
 Comment: Sheet 7
 Start of Test: 30-04-98 / 09:18:24



MES Sheet 1
 LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

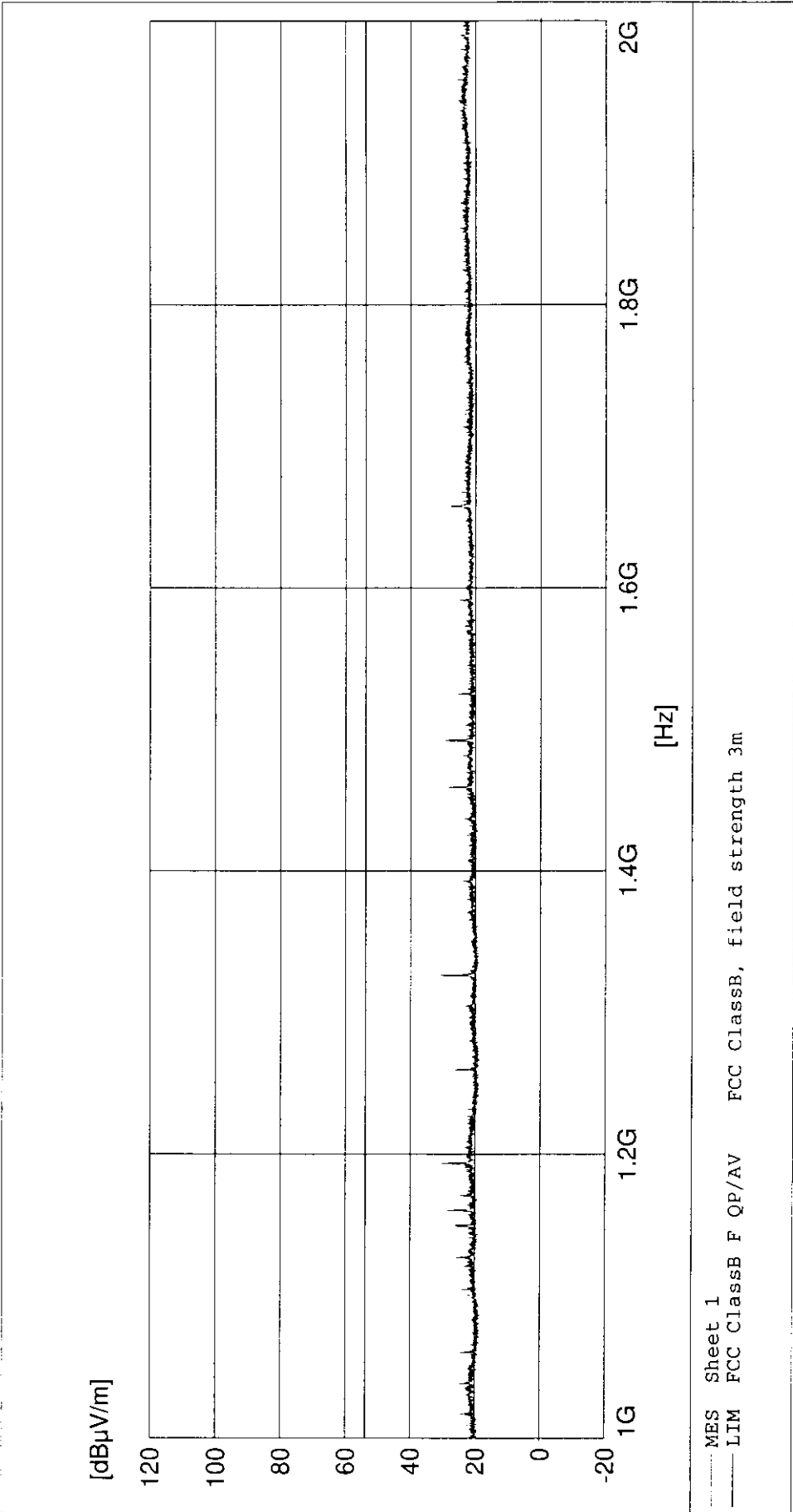
DELTA Electronic Testing

EUT: OC-6162
Manufacturer: Olimcom A/S
Operating Condition: 90 deg, Horizontal, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 8
Start of Test: 30-04-98 / 09:18:24



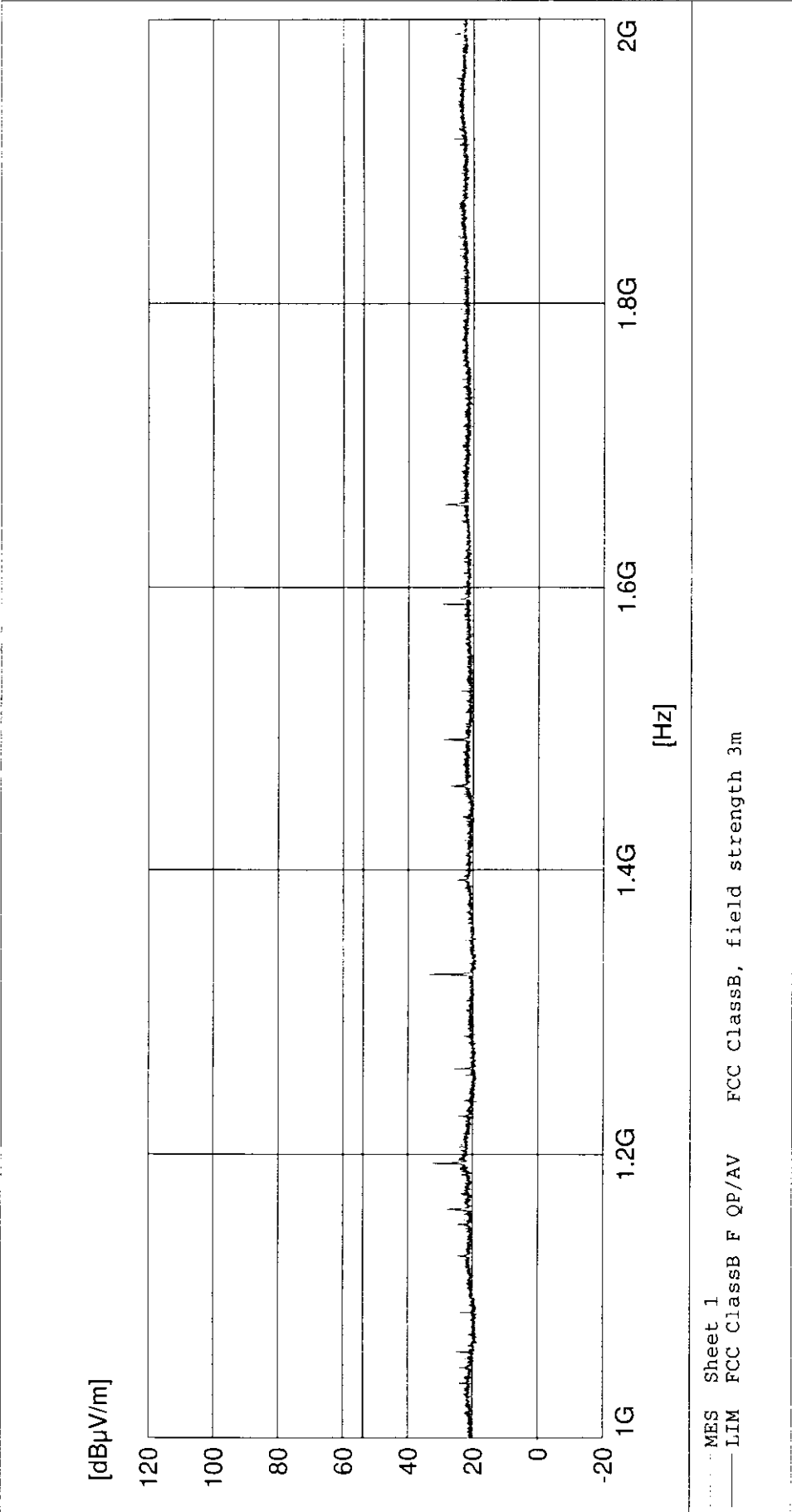
DELTA Electronic Testing

EUT: OC-6162
Manufacturer: Olimcom A/S
Operating Condition: 0 deg, Horizontal, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 9
Start of Test: 30-04-98 / 09:18:24



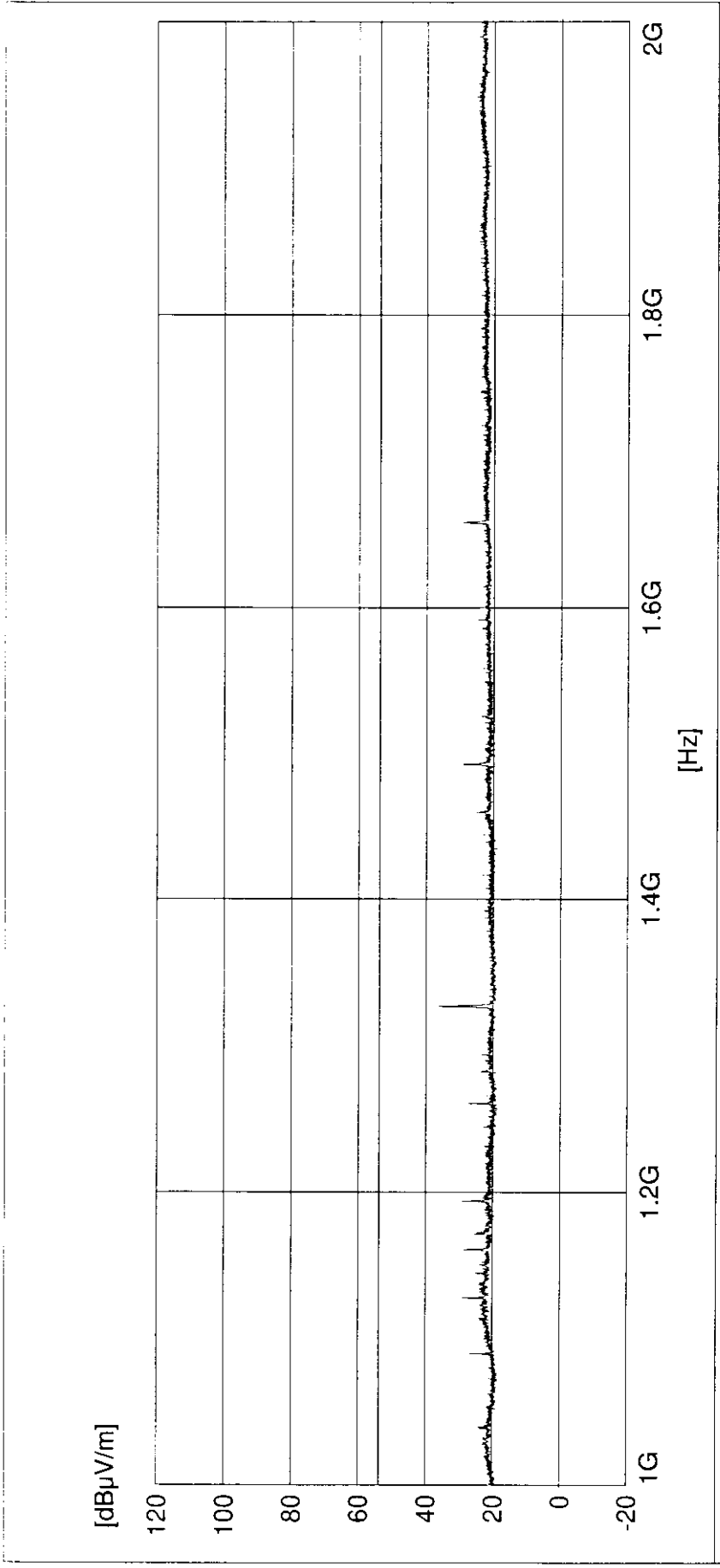
DELTA Electronic Testing

EUT: OC-6161 S-UTP
Manufacturer: Olicom A/S
Operating Condition: 0 deg, Horizontal, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 10
Start of Test: 30-04-98 / 09:18:24



DELTA Electronic Testing

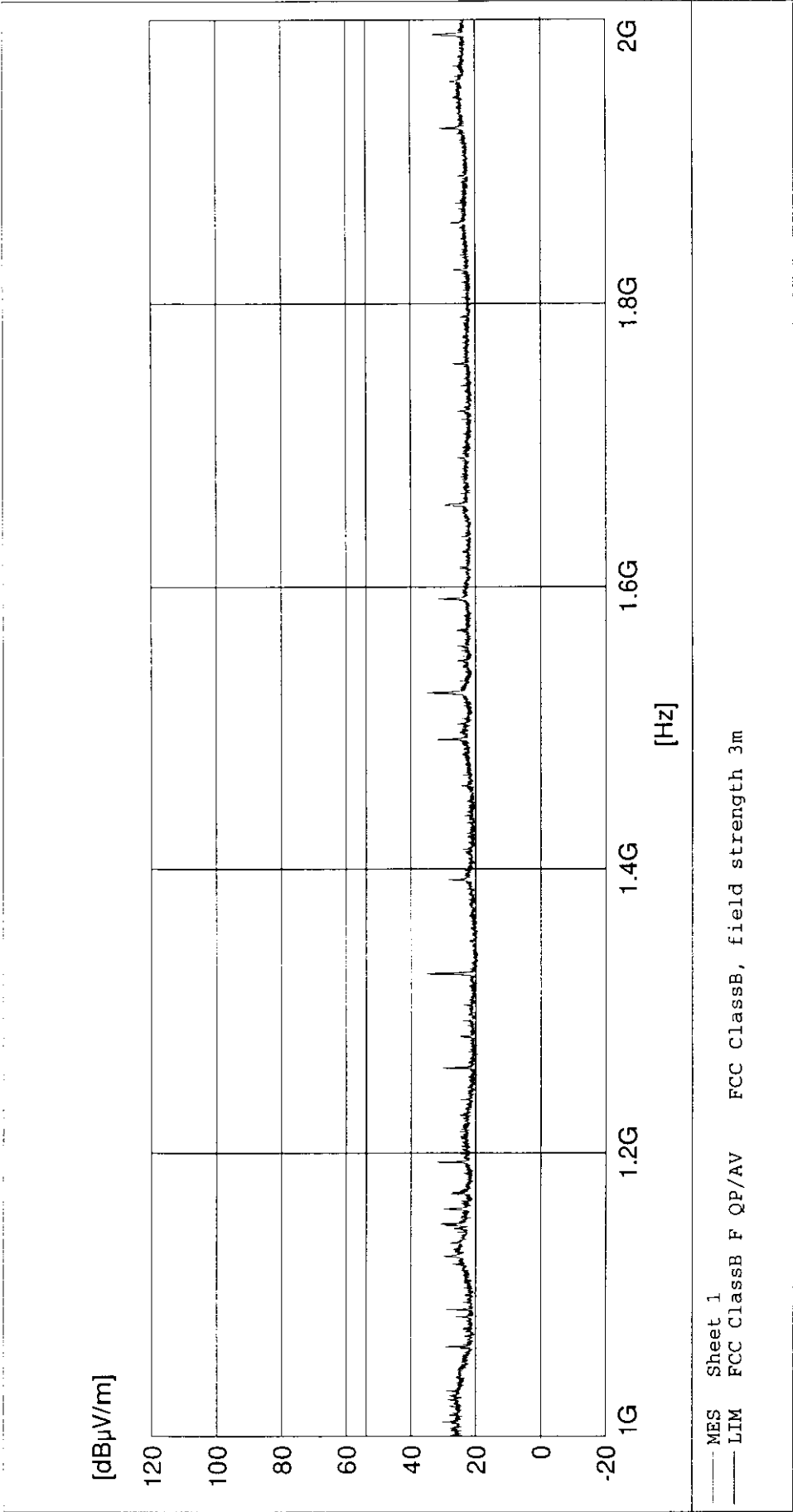
EUT: OC-6161 S-UTP
Manufacturer: Olimcom A/S
Operating Condition: 90 deg, Horizontal, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 11
Start of Test: 30-04-98 / 09:18:24



MES Sheet 1
— LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

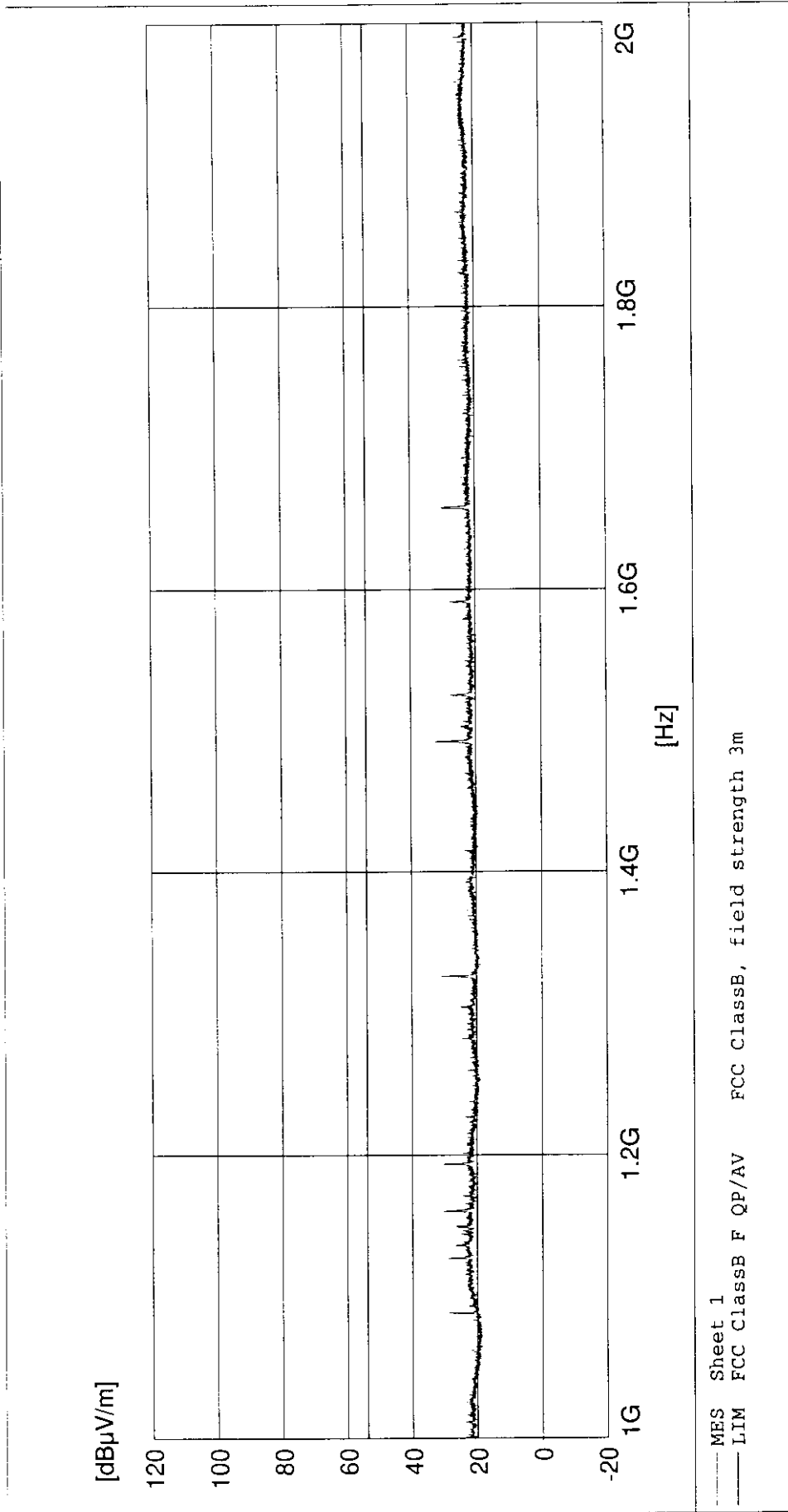
DELTA Electronic Testing

EUT: OC-6161 S-UTP
Manufacturer: Olicom A/S
Operating Condition: 180 deg, Horizontal, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 12
Start of Test: 30-04-98 / 09:18:24



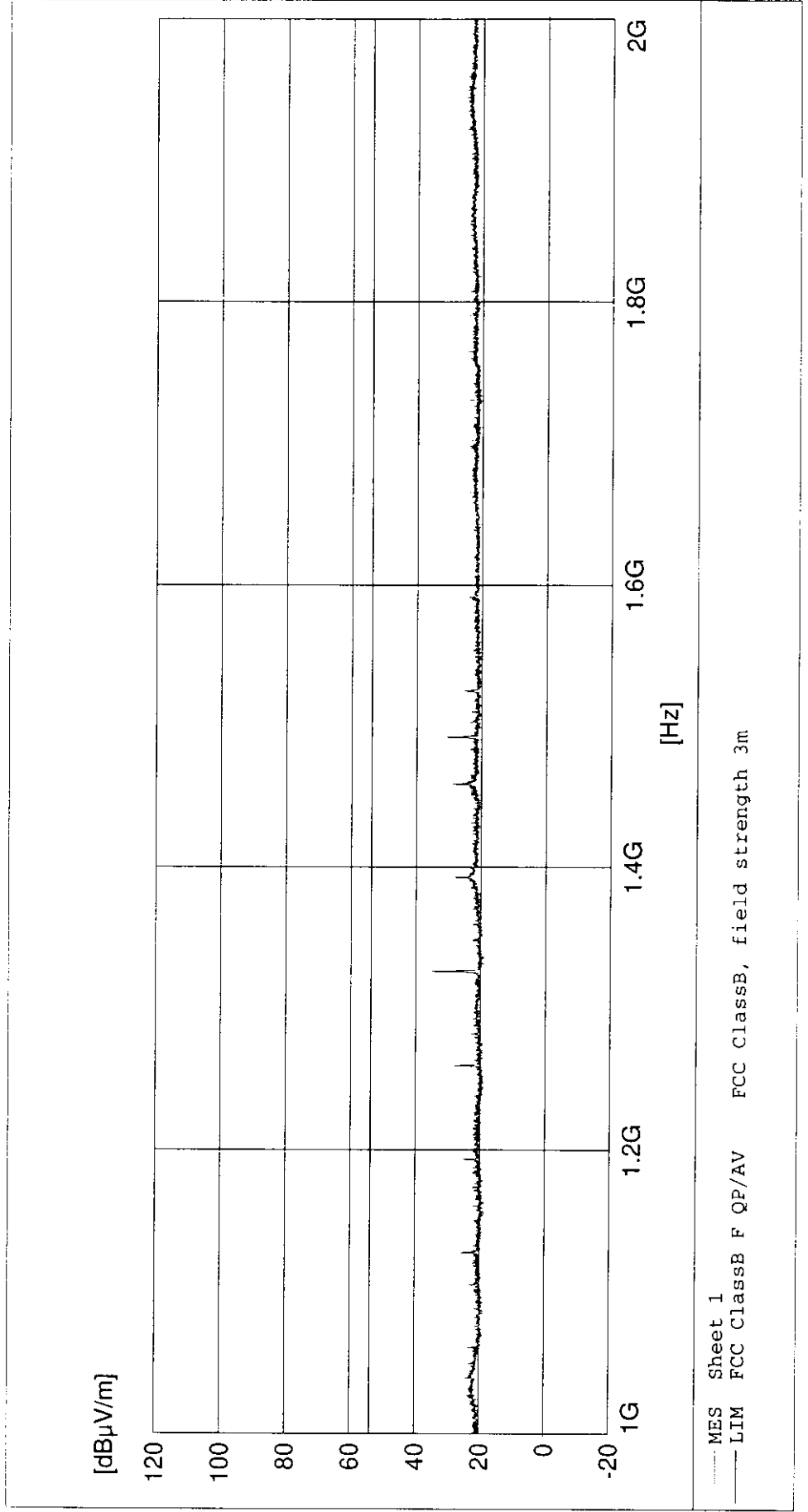
DELTA Electronic Testing

EUT: OC-6161 S-UTP
 Manufacturer: Olimcom A/S
 Operating Condition: 270 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 13
 Start of Test: 30-04-98 / 09:18:24



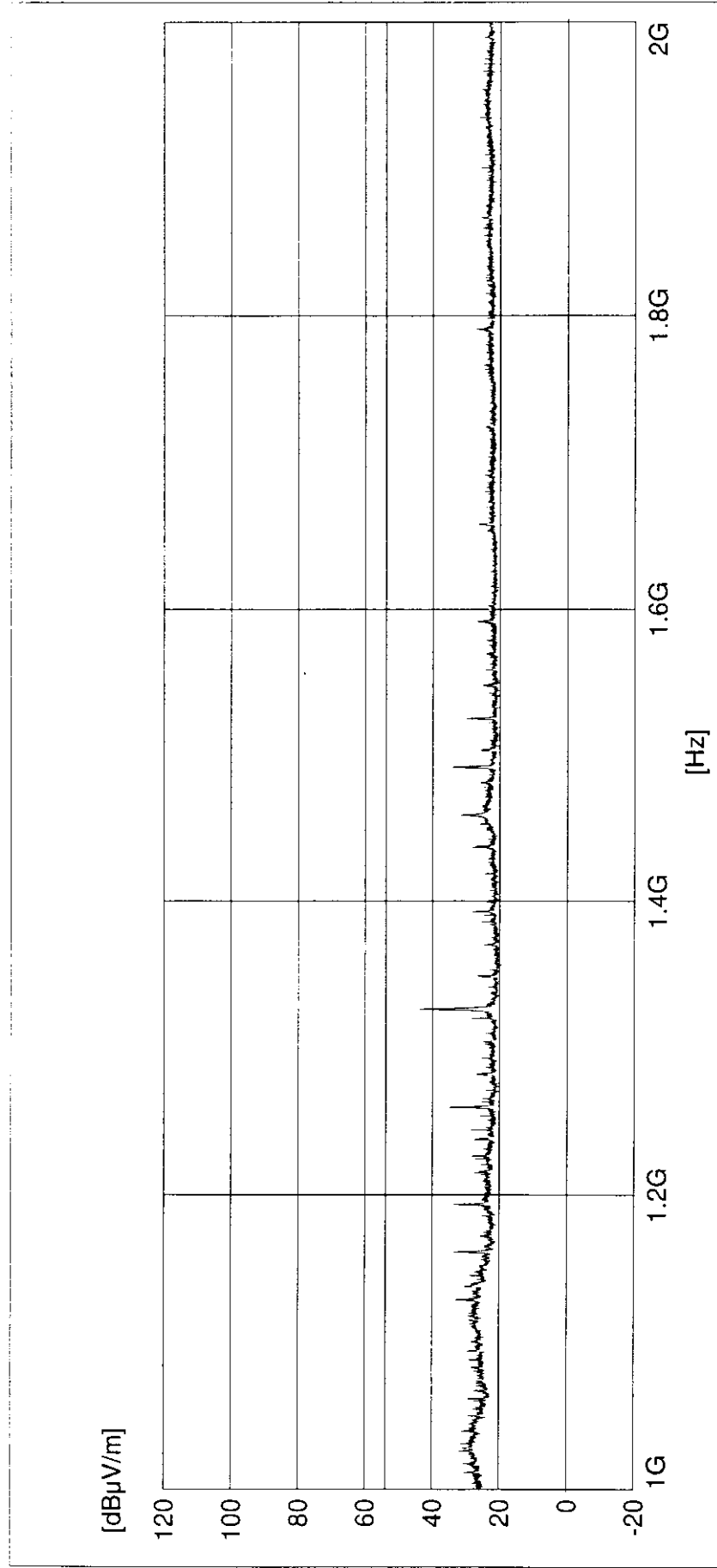
DELTA Electronic Testing

EUT: OC-6161 S-UTP
Manufacturer: Olicom A/S
Operating Condition: 270 deg, Vertical, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 14
Start of Test: 30-04-98 / 09:18:24



DELTA Electronic Testing

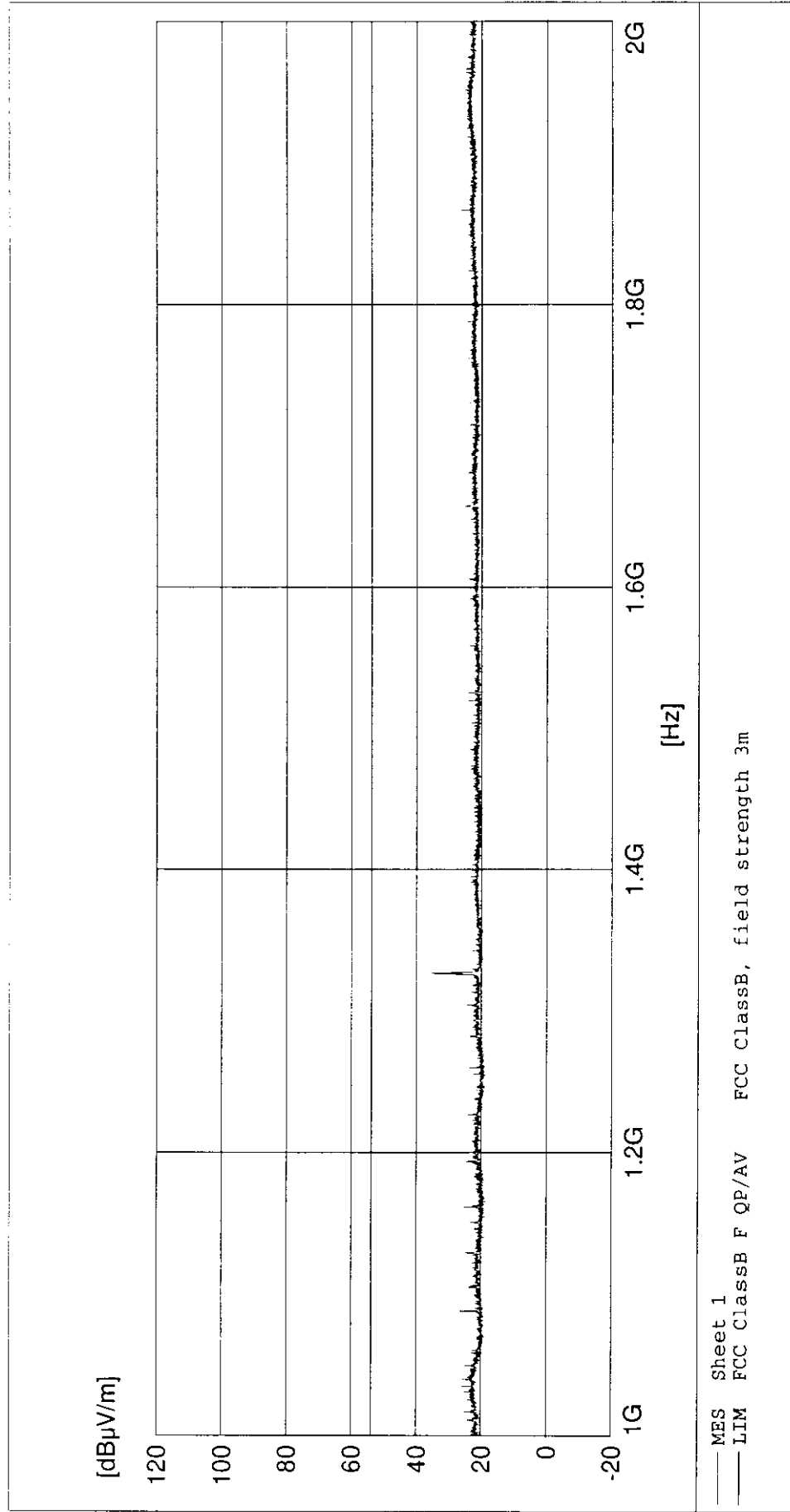
EUT: OC-6161 S-UTP
 Manufacturer: Olimcom A/S
 Operating Condition: 180 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 15
 Start of Test: 30-04-98 / 09:18:24



MES Sheet 1
 LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

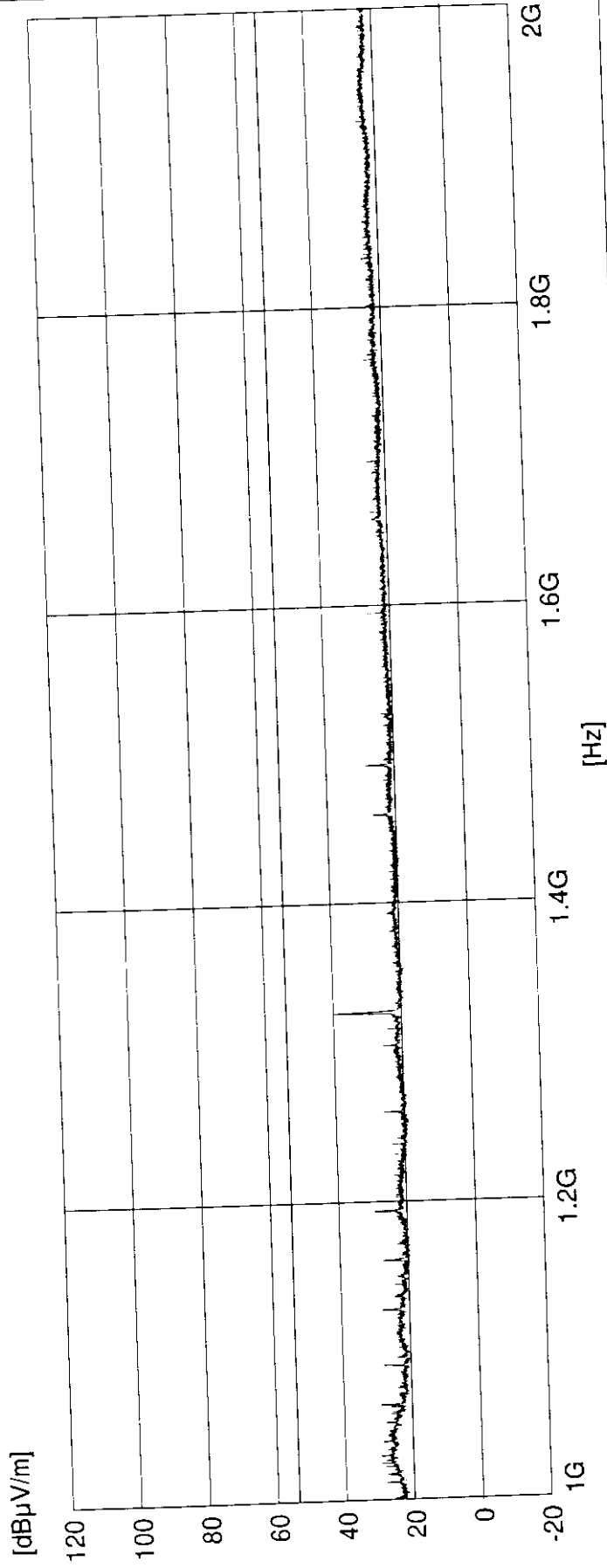
DELTA Electronic Testing

EUT: OC-6161 S-UTP
 Manufacturer: Olimcom A/S
 Operating Condition: 90 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 16
 Start of Test: 30-04-98 / 09:18:24



DELTA Electronic Testing

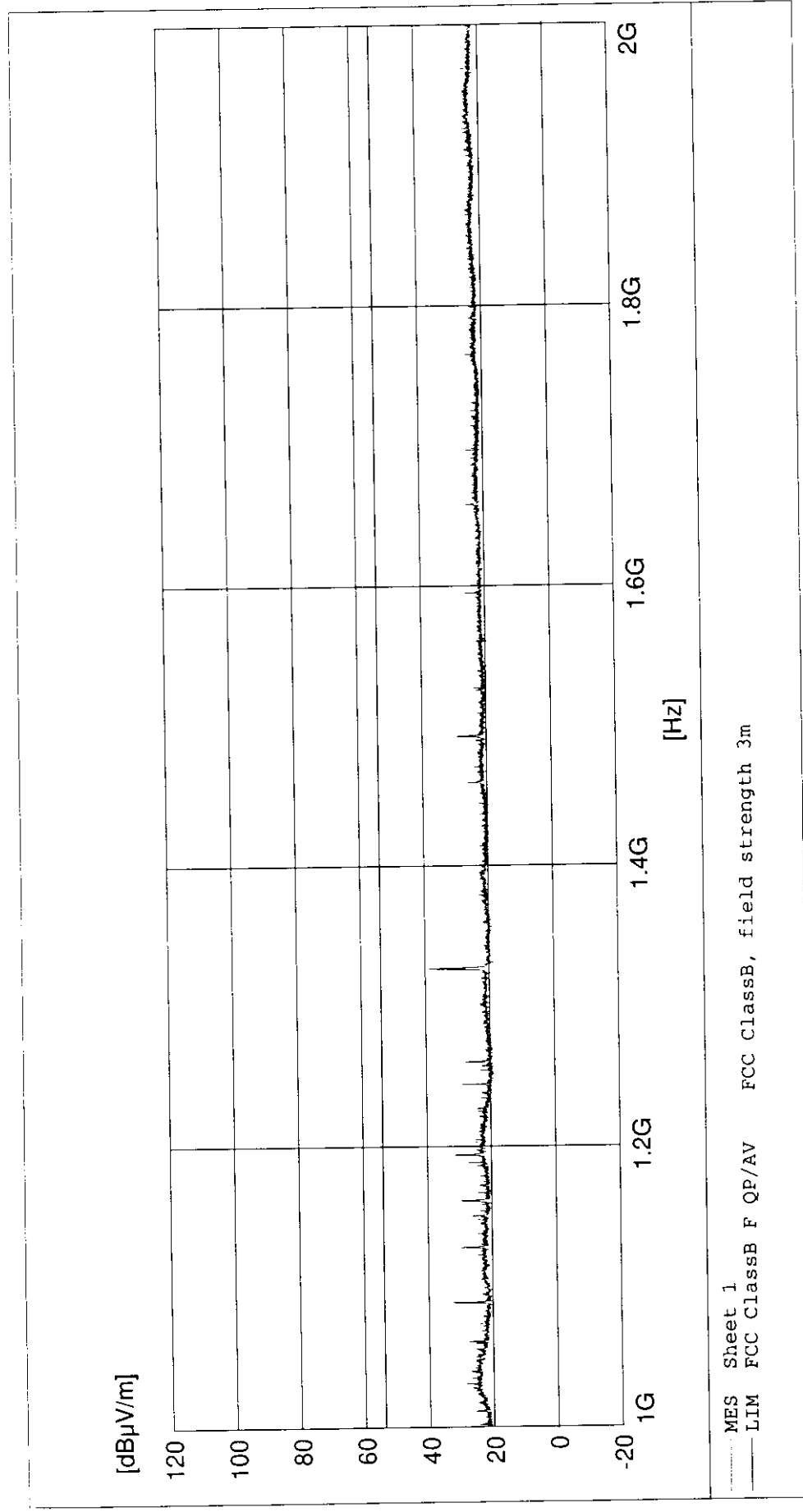
EUT: OC-6161 S-UTP
 Manufacturer: Olicom A/S
 Operating Condition: 0 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 17
 Start of Test: 30-04-98 / 09:18:24



--- MES Sheet 1
 --- LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

DELTA Electronic Testing

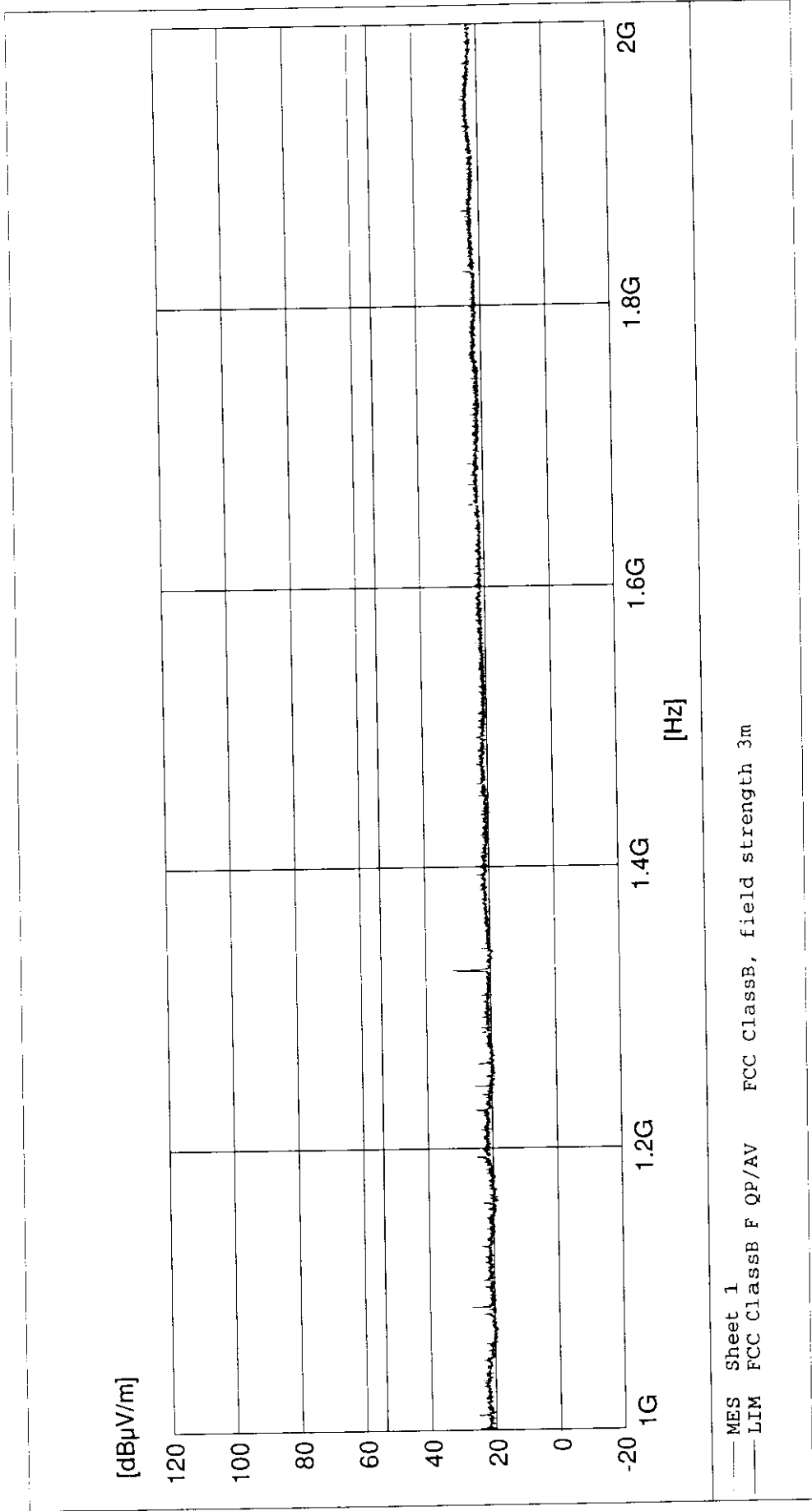
EUT: OC-6161 UTP
 Manufacturer: Olicom A/S
 Operating Condition: 0 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 18
 Start of Test: 30-04-98 / 09:18:24



MES Sheet 1
 LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

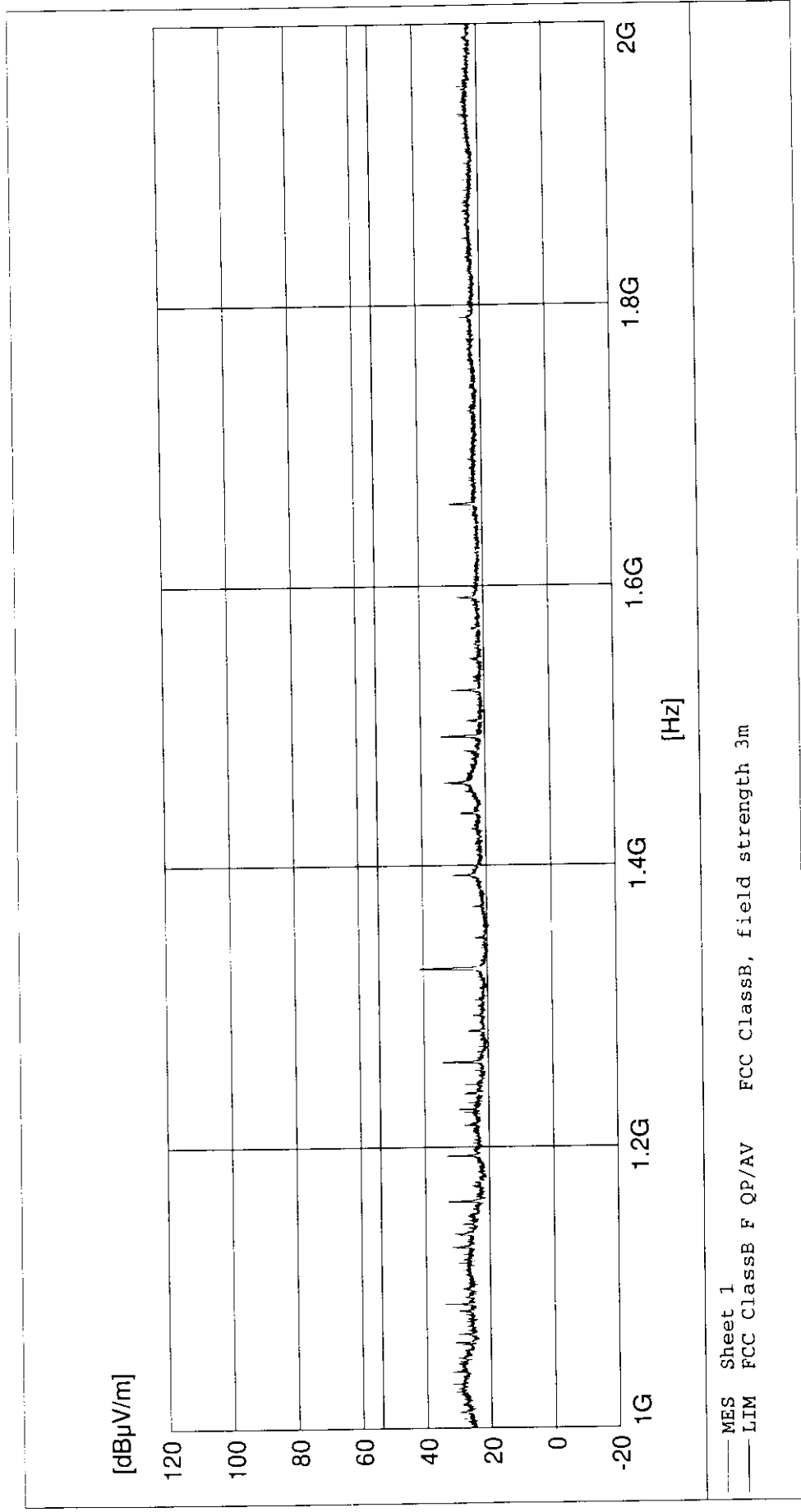
DELTA Electronic Testing

EUT: OC-6161 UTP
Manufacturer: Olimcom A/S
Operating Condition: 90 deg, Vertical, 115 VAC
Test Site: EMC-5
Operator: JN - K220539
Test Specification: FCC class B (3m)
Comment: Sheet 19
Start of Test: 30-04-98 / 09:18:24



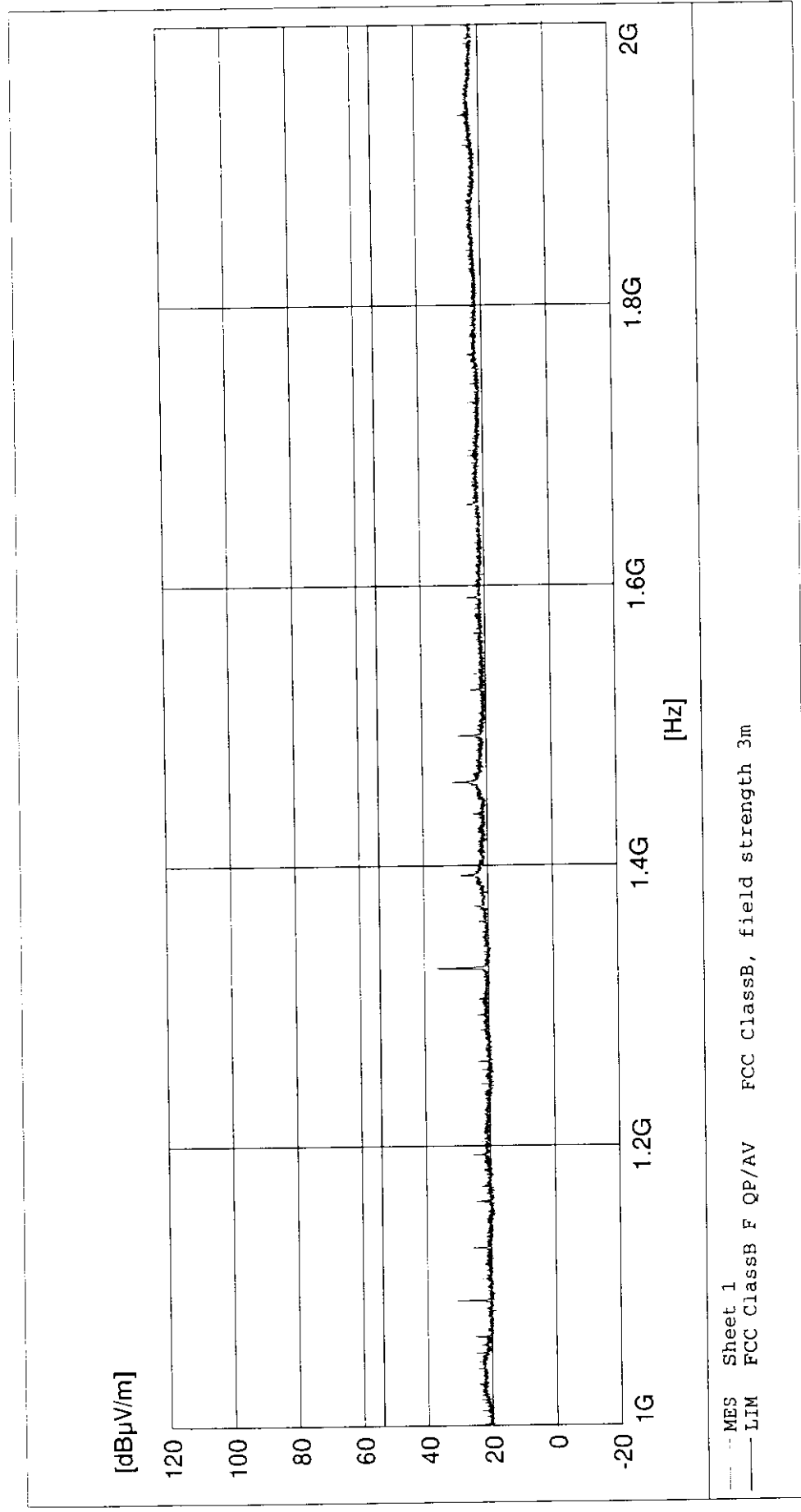
DELTA Electronic Testing

EUT: OC-6161 UTP
 Manufacturer: Olicom A/S
 Operating Condition: 180 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 20
 Start of Test: 30-04-98 / 09:18:24



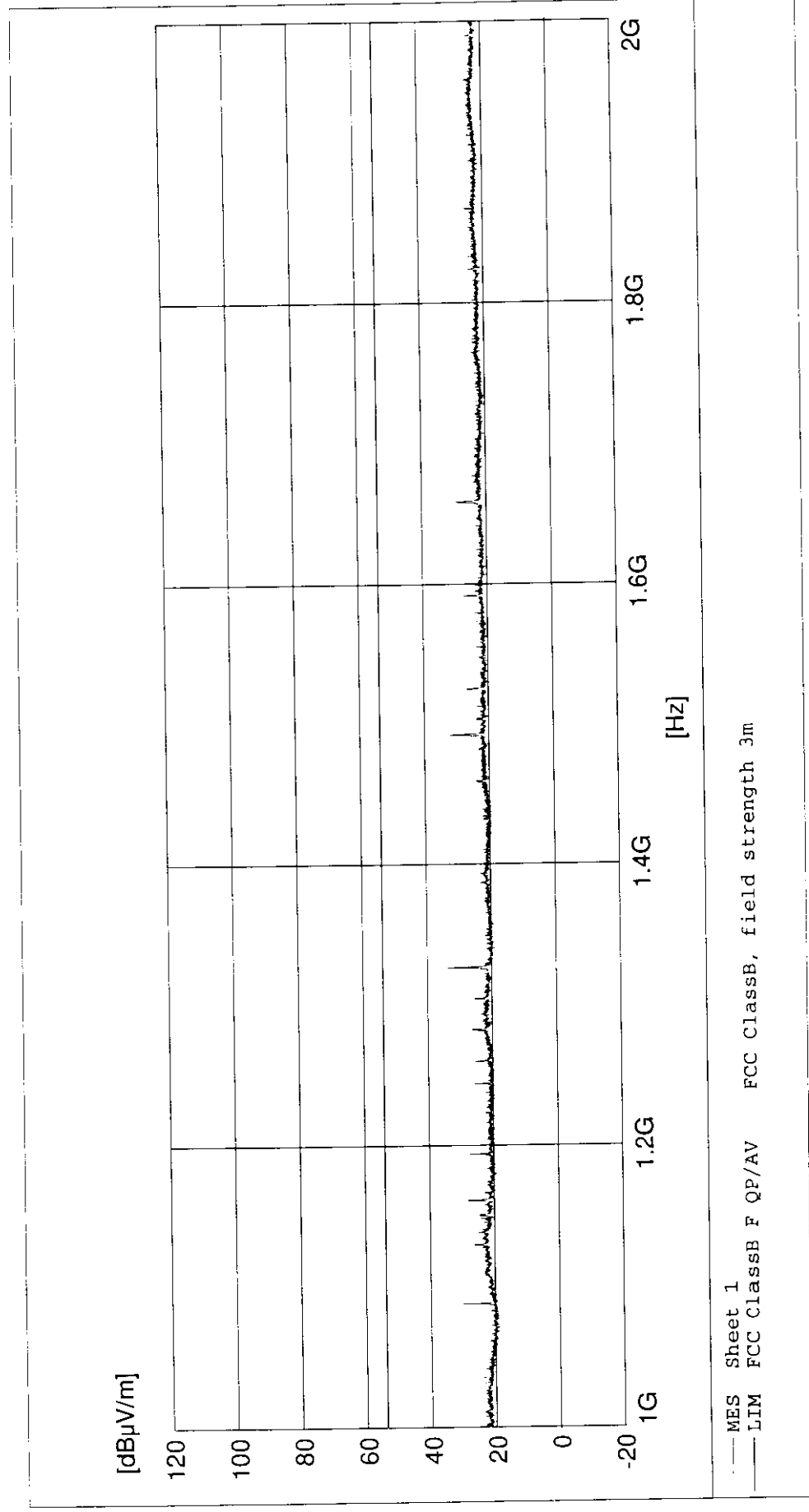
DELTA Electronic Testing

EUT: OC-6161 UTP
 Manufacturer: Olimcom A/S
 Operating Condition: 270 deg, Vertical, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 21
 Start of Test: 30-04-98 / 09:18:24



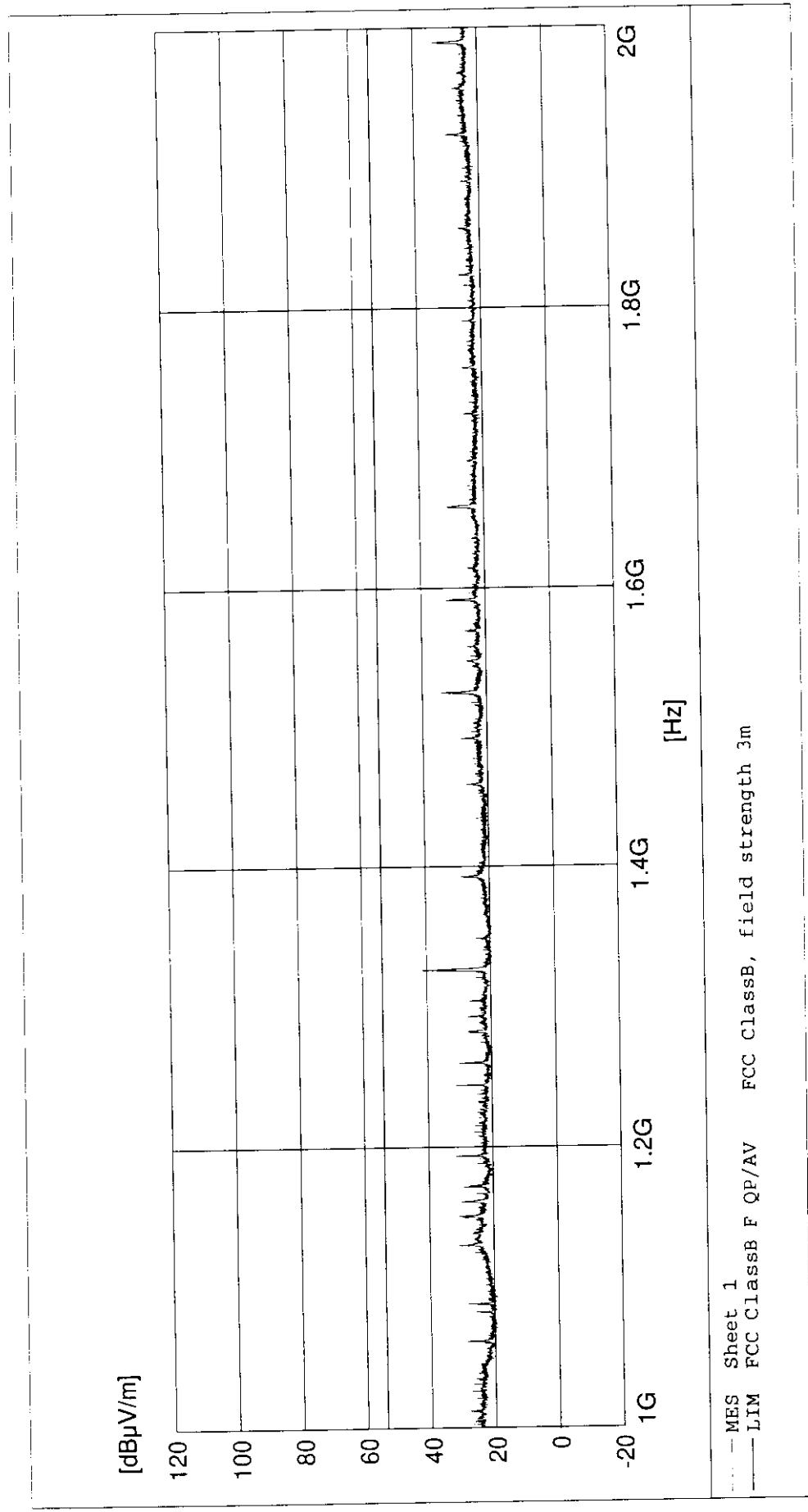
DELTA Electronic Testing

EUT: OC-6161 UTP
 Manufacturer: Olicom A/S
 Operating Condition: 270 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 22
 Start of Test: 30-04-98 / 09:18:24



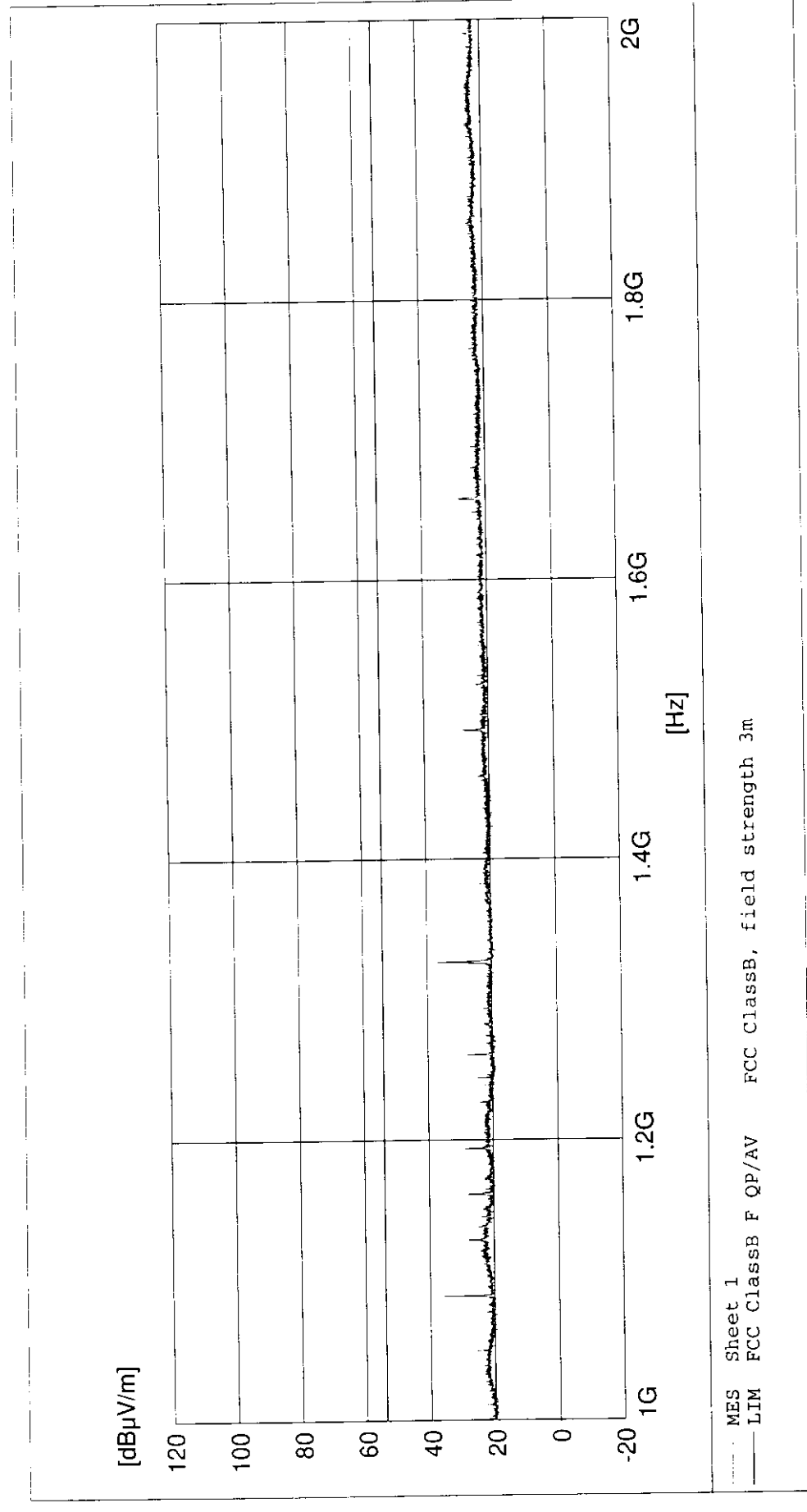
DELTA Electronic Testing

EUT: OC-6161 UTP
 Manufacturer: Olimcom A/S
 Operating Condition: 180 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 23
 Start of Test: 30-04-98 / 09:18:24



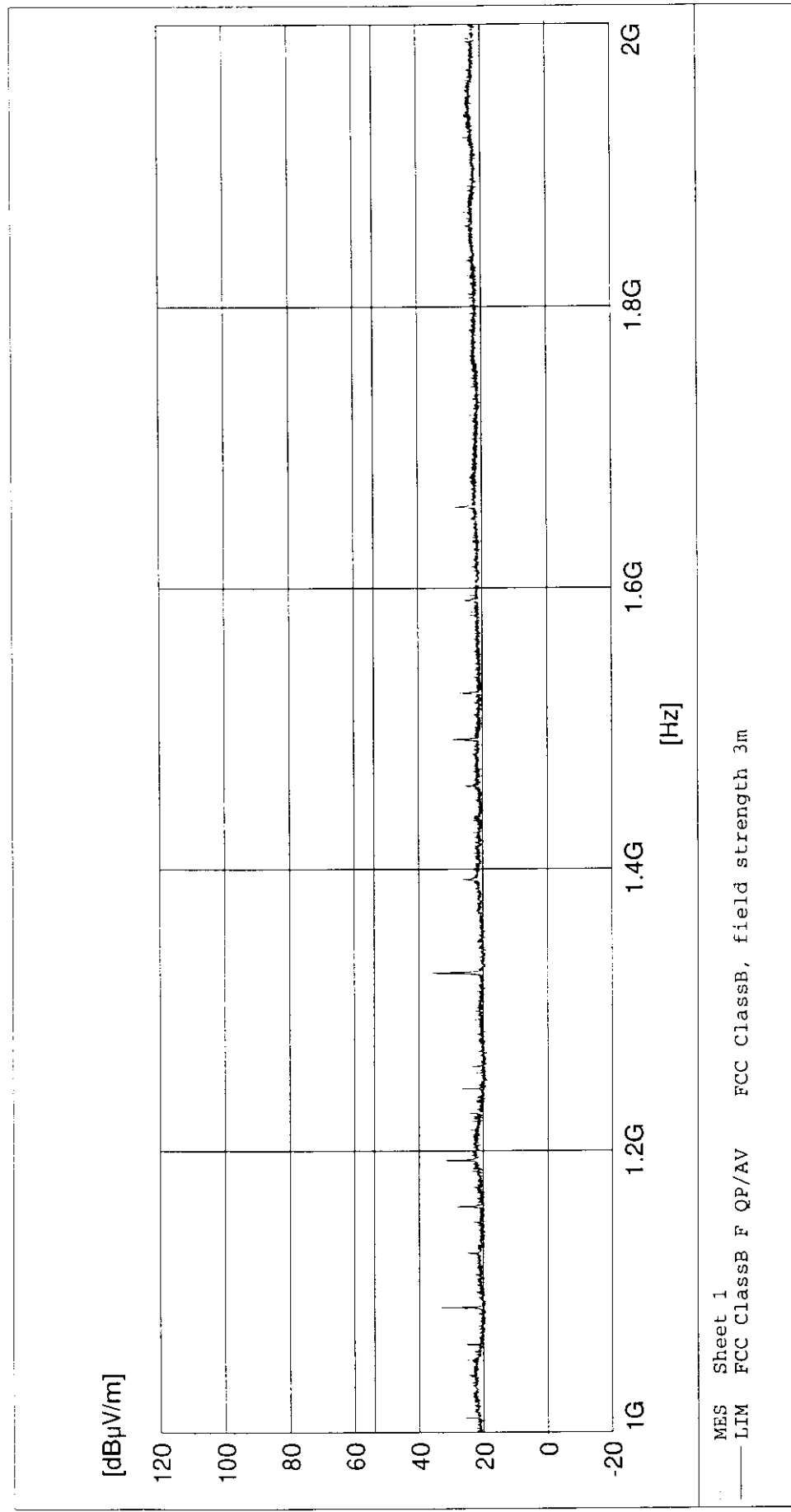
DELTA Electronic Testing

EUT: OC-6161 UTP
 Manufacturer: Olicom A/S
 Operating Condition: 90 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 24
 Start of Test: 30-04-98 / 09:18:24



DELTA Electronic Testing

EUT: OC-6161 UTP
 Manufacturer: Olimcom A/S
 Operating Condition: 0 deg, Horizontal, 115 VAC
 Test Site: EMC-5
 Operator: JN - K220539
 Test Specification: FCC class B (3m)
 Comment: Sheet 25
 Start of Test: 30-04-98 / 09:18:24



MES Sheet 1
 LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

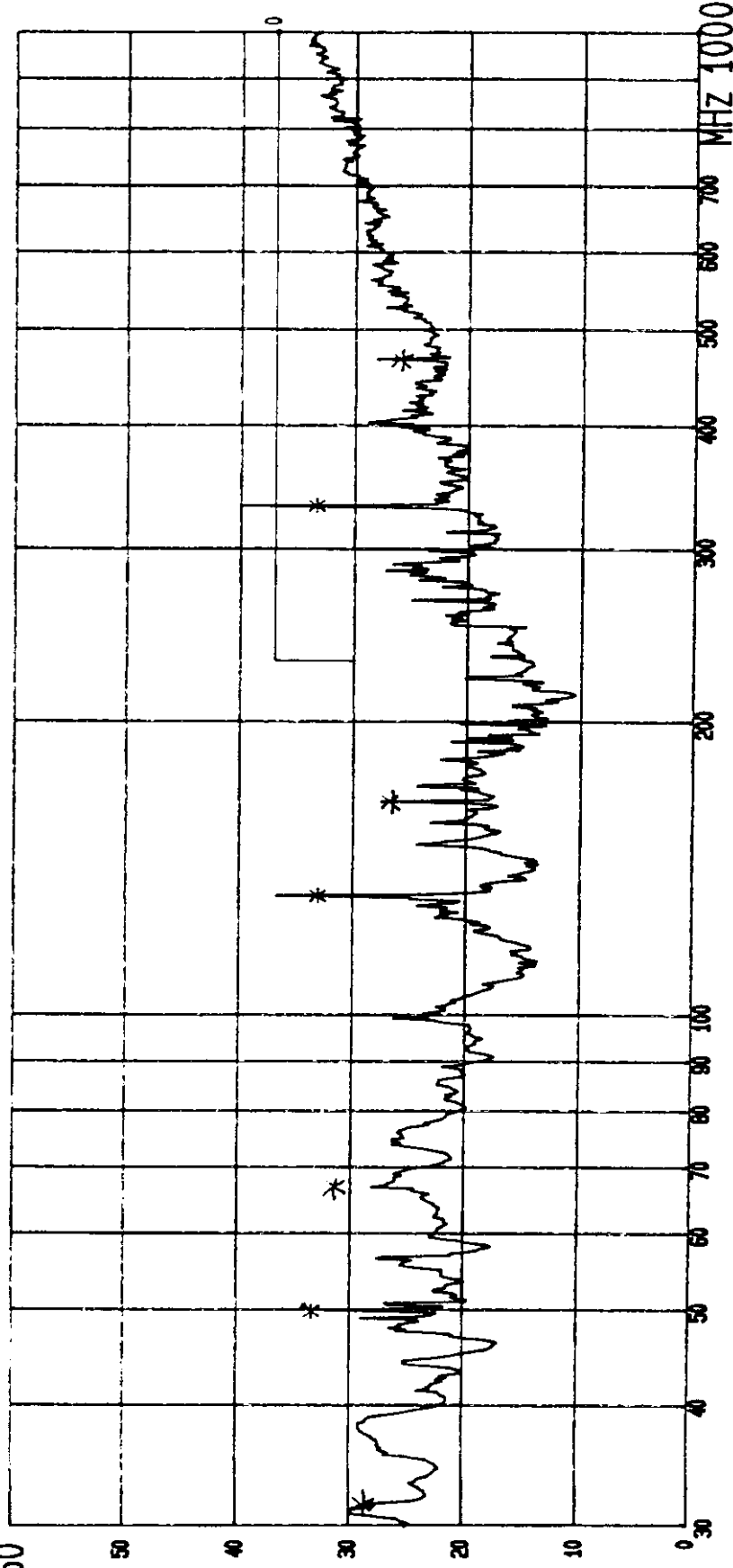
DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start Fr. 29.0000 MHz Stop Fr. 1000.0000 MHz IF-BW 120 kHz Detec Att. dB 0.020 Meas. T. type

Start of Test: 24.APR'98 16:21
E.U.T.: OC 6161 (1)
Oper. Condition: ANT.1mV UTP CABLE
Operator: PROJ NO: K220539- -AP
Test Spec: EN 55022 CLASS B. 30-1000 MHz (10 METER)

* = QUASI PEAK

dBuV/m 60



115 VAC

OLICOM A/S.

DELTA Electronic Testing EMC Department
Radiated electromagnetic field

Start of Test: 24.APR'98 16:21
E.U.T.: OC 6161 (1)

Frequency MHz	Level. dBuV/m	Margin dB	Q P h/v	Pol h/v	Height m	Azimuth deg.
48.8700	33.3	3.3	M	V	0.98	289
132.5320	33.0	3.0	M	V	1.16	-1
331.5899	33.4	-3.5		V	0.98	-1

* Limit exceeded

Start of Test: 24.APR'98 17:16
E.U.T.: OC 6161
(2)

Start of Test:
E.U.T.:

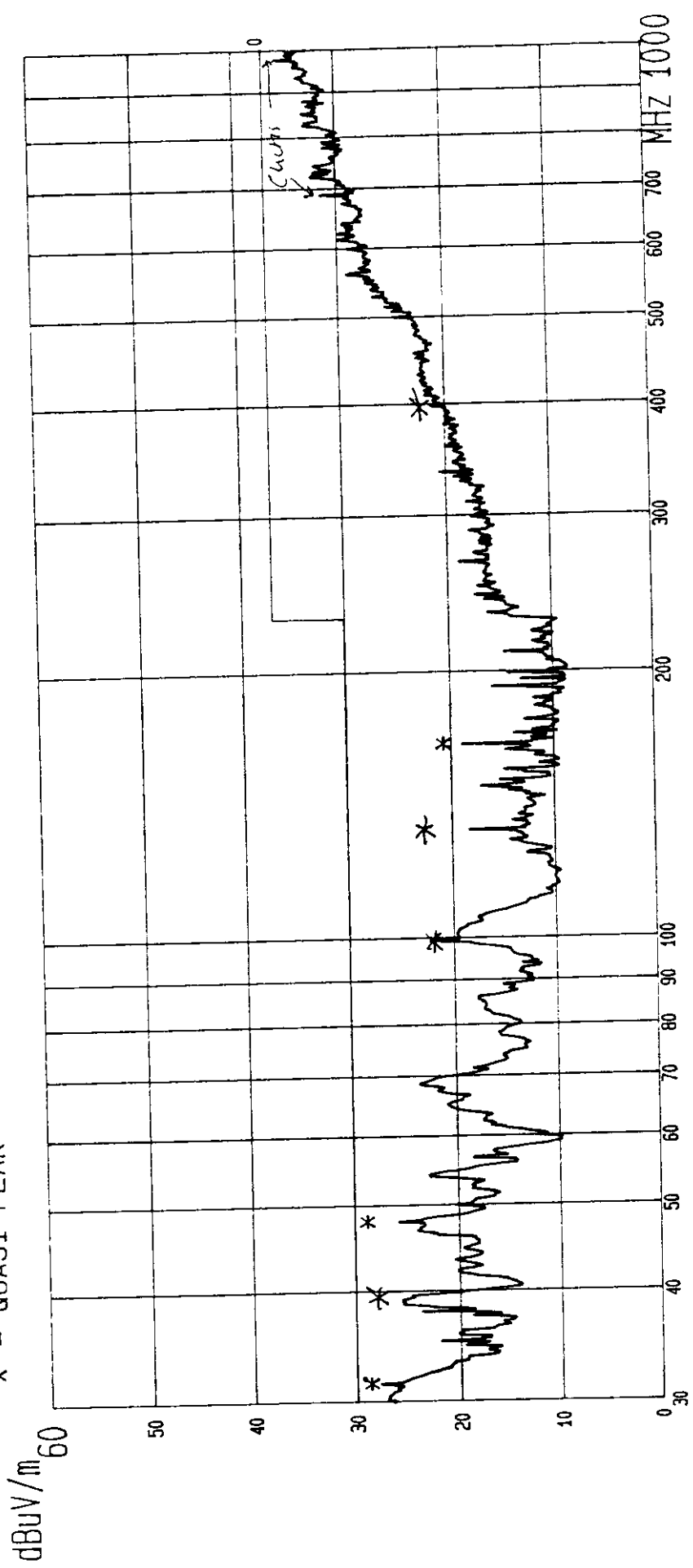
Frequency MHz	measured Level. dBuV/m	Margin dB	Q P	Pol h/v	Height m	Azimuth deg.
31.6000	29.0	-10.0		v	0.98	1
66.9000	31.7	-7.3		v	2.29	0
165.7900	27.1	-16.4		v	0.98	31
466.5600	26.5	-19.4		v	0.98	368

DELTA Electronic Testing EMC Department
 Radiated electromagnetic field

Start of Test: 24.APR'98 18:46
 E.U.T.: OC 6161 (3)
 Oper. Condition: ANT.1mV STP CABLE
 Operator: PROJ NO: K220539- -AP
 Test Spec: EN 55022 CLASS B. 30-1000 MHz (10 METER)

Start Fr. 29.0000 MHz
 Stop Fr. 1000.0000 MHz
 IF-BW 120 kHz
 Detec Peak LN
 Att. dB
 Meas.T. s
 Transd. type 0.020

* = QUASI PEAK



DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 18:46
E.U.T.: OC 6161 (3)

Frequency MHz	measured Level. dBuV/m	Margin dB	P h/v	uses Height m	Azimuth deg.
31.5700	28.7	-1.3	v	0.98	316
47.9200	28.8	-1.2	v	0.98	162
165.7900	20.8	-9.2	v	0.98	310
* Limit exceeded					

DELTA Electronic Testing EMC Department
 Radiated electromagnetic field
 Start of Test: 24.APR'98 19:47 (4)
 E.U.T.: OC 6161

Frequency MHz	measured Level. dBuV/m	Margin dB	Q P	Pol h/v	Height m	Azimuth deg.
39.4500	28.0	-2.0		v	0.99	117
99.4700	22.1	-7.9		v	1.41	230
132.6000	22.9	-7.1		v	1.34	272
397.8900	22.5	-14.4		h	1.81	59

* Limit exceeded

ANNEX 7

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

(8 pages)

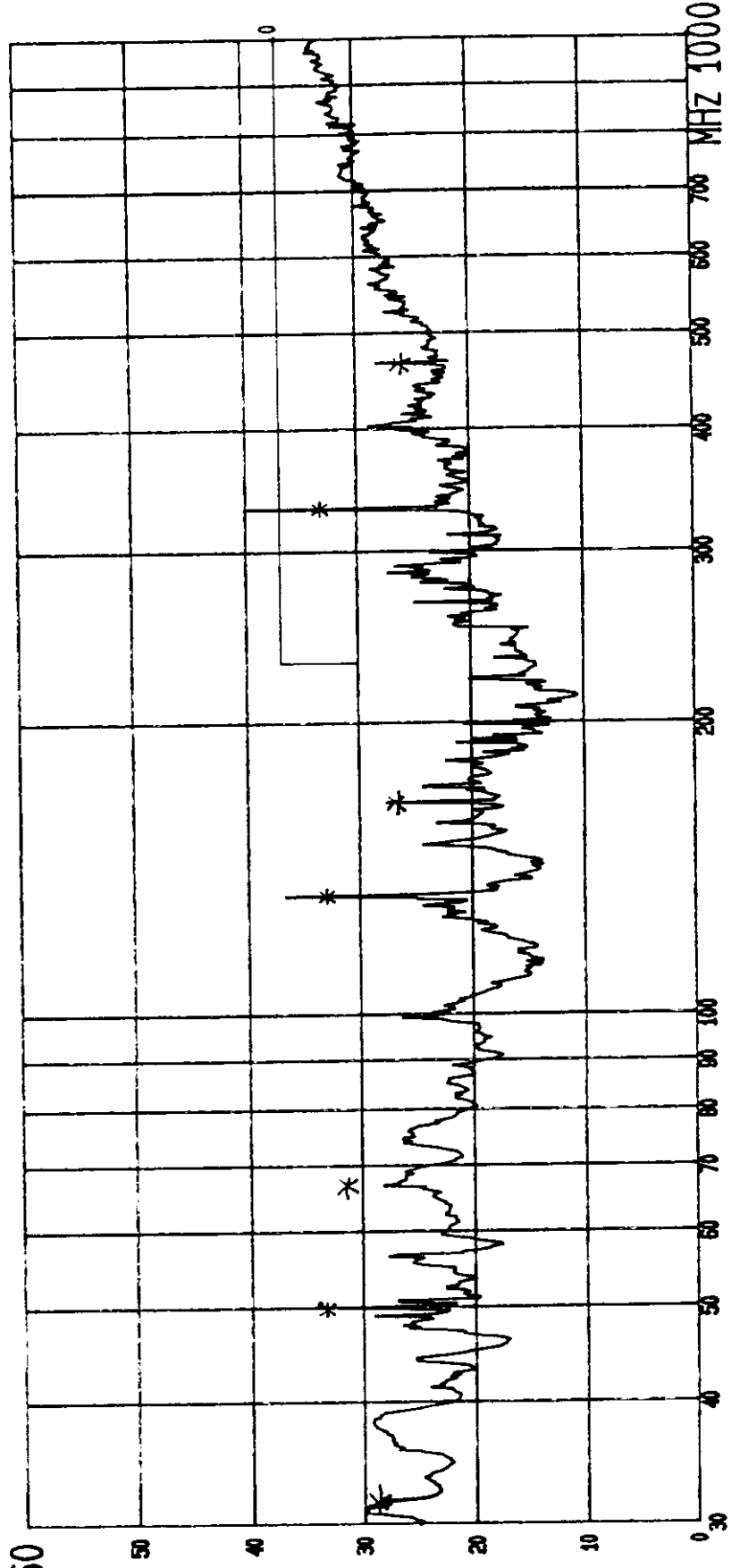
DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 16:21
E.U.T.: OC 5151 (1)
Oper. Condition: ANT.1mV UTP CABLE
Operator: PROJ NO: K220539- -AP
Test Spec: EN 55022 CLASS B. 30-1000 MHz (10 METER)

Start Fr. 29.0000 MHz
Stop Fr. 1000.0000 MHz
IF-BW 120 kHz
Detec for Peak LN
Att. dB
Meas.T. type
0.020

* = QUASI PEAK

dBuV/m 60



DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 16:21 (1)
E.U.T.: OC 6161

Frequency MHz	measured Level. dBuV/m	Q P Margin dB	Pol h/v	Height m	Azimuth deg.
48.9700	33.3	3.3 M	V	0.98	289
132.6320	33.0	3.0 M	V	1.16	-1
331.5899	33.4	-3.5	V	0.98	-1
M Limit exceeded					

DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 17:18
E.U.T.: OC 6161 (2)

Frequency MHz	measured Level. dBuV/m	Margin dB	Q P	Pol h/v	used Height m	Azimuth deg.
31.6000	29.0	-10.0		v	0.98	1
66.9000	31.7	-7.3		v	2.29	0
166.7900	27.1	-16.4		v	0.98	31
466.5600	26.5	-19.4		v	0.98	358

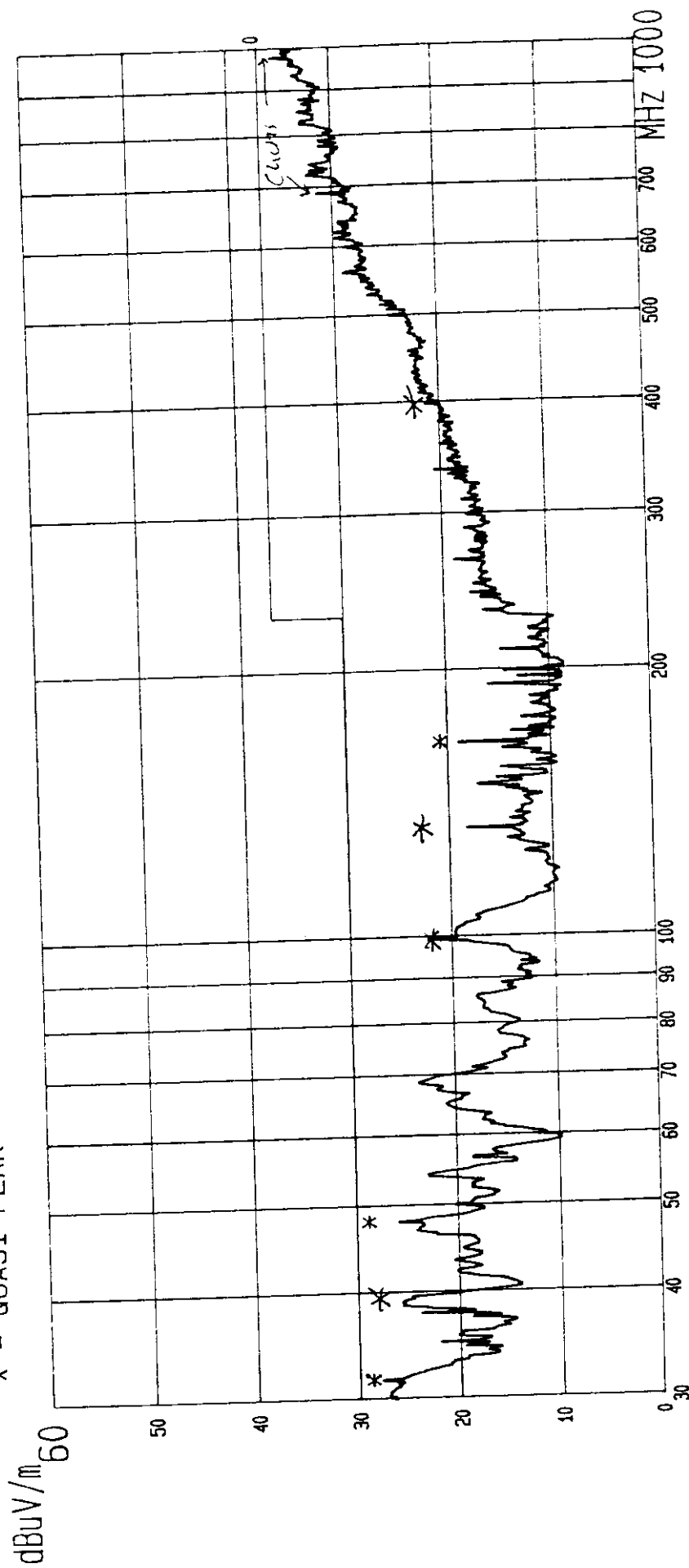
* Limit exceeded

DELTA Electronic Testing EMC Department
 Radiated electromagnetic field

Start of Test: 24.APR'98 18:46
 E.U.T.: OC 6161 (3)
 Oper. Condition: ANT.1mV STP CABLE
 Operator: PROJ NO: K220539-- -AP
 Test Spec: EN 55022 CLASS B. 30-1000 MHz (10 METER)

Start Fr. Stop Fr. IF-BW Detec Att. Meas.T. Transd.
 MHz kHz tor dB s type
 29.0000 1000.0000 120 Peak LN 0.020

* = QUASI PEAK



DELTA Electronic Testing EMC Department Radiated electromagnetic field

Start of Test: 24.APR'98 18:46 (3)
E.U.T.: QC 6161

Frequency MHz	Measure Level. dBuV/m	Margin dB	P	Pol h/v	Value Height m	Azimuth deg.
31.5700	28.7	-1.3		v	0.98	316
47.9200	28.8	-1.2		v	0.98	162
165.7900	20.8	-9.2		v	0.98	310

* Limit exceeded

Start of Test: 24.APR'98 19:47
E.U.T.: OC 6161 (4)

Start of Test:

E.u.T.:

* Limit exceeded