

Exhibit 5

Test Data of Original

FCC TEST REPORT

FCC ID : A3KM076
 REPORT NO.: EMI97-094
 TEST DATE : OCT/30/1997
 TEST ENGI.: C.C.Wu

TEST PERFORMED BY
 PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
 CONSUMER ELECTRONICS DIVISION (PEI-CED)
 EMI-LAB
 P.O.BOX 123
 CHUNGLI, TAoyUAN, TAIWAN, R.O.C.
 TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED

TESTED SYSTEM:

1. EUT : 17B2302Q COLOR MONITOR S/N.: NO.1
 FCC ID. : A3KM076
2. COMPUTER: HP Pavilion 8160 S/N.: US72150127
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145502419
 FCC ID. : DSI6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966
 FCC ID. : 8FJ9D907-00038
5. MOUSE : HP M-S34 S/N.: LCA54625637
 FCC ID. : DZL210472
6. KEYBOARD: HP 5182-5521 S/N.: E03633HLUS-C
 FCC ID. : CIGE03633
7. VIDEO CARD : B06-4107B S/N.: 100964
 FCC ID. : I27MM-VS03A
8. CD_ROMD : SONY CDU31A S/N.: --
 FCC ID. : K6ACDU31A2

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE
 ANSI C63.4-1992 "AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF
 RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC
 EQUIPMENT IN THE RANGE OF 9KHz TO 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
 85.9KHz MODE(1280X960/85Hz) WAS TESTED.
 INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
 UNSHIELDED MAINS CORD WAS USED DURING TEST.
 EXTRA MICPHONE WAS USED DURING TEST.
 EXTRA EARPHONE WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
68.74	29.97	33.57	40
72.01	31.96	33.16	40
137.49	31.47	29.97	43.5
206.24	32.3	31.8	43.5

233.74	39.2	34	46
247.48	39.48	35.78	46
261.22	37.44	35.34	46
274.99	37.1	35.3	46
288.74	37.65	36.25	46
302.46	31.008	30.308	46
316.21	30.564	31.464	46
343.71	35.156	33.756	46
371.21	32.1	31.1	46
384.97	32.76	33.06	46
412.16	32.744	35.044	46
439.95	33.16	32.76	46
453.7	34.396	35.296	46

ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED.

SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz

VBW : 100KHz

QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER
20 - 1000MHz ESVS 30 :

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
36	29.86	35.06	40
39.27	25.44	32.14	40
41.25	29.64	35.84	40
46.76	31.08	33.68	40
48.01	35.82	35.32	40
55.48	27.65	33.85	40
60.01	30.7	36.2	40
84.01	32.7	36.8	40
85.23	30.35	32.35	40
132.01	33.52	33.52	43.5

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

SAMPLE CALCULATION :

FINAL VALUE (dBuV/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuV/m)

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY

THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NULAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY:

K J Hsu

TESTED BY:

C.C.Wu

K.J.HSU, NULAP SIGNATORY

C.C.Wu

80

RFI EMISSION LEVEL dBuV/m

OCT/30/1997

REPORT NO: EM197-094
MODEL NO: 17B23020

70

60

50

40

30

20

30

100

1000

FCC CLASS B

FREQUENCY MHz

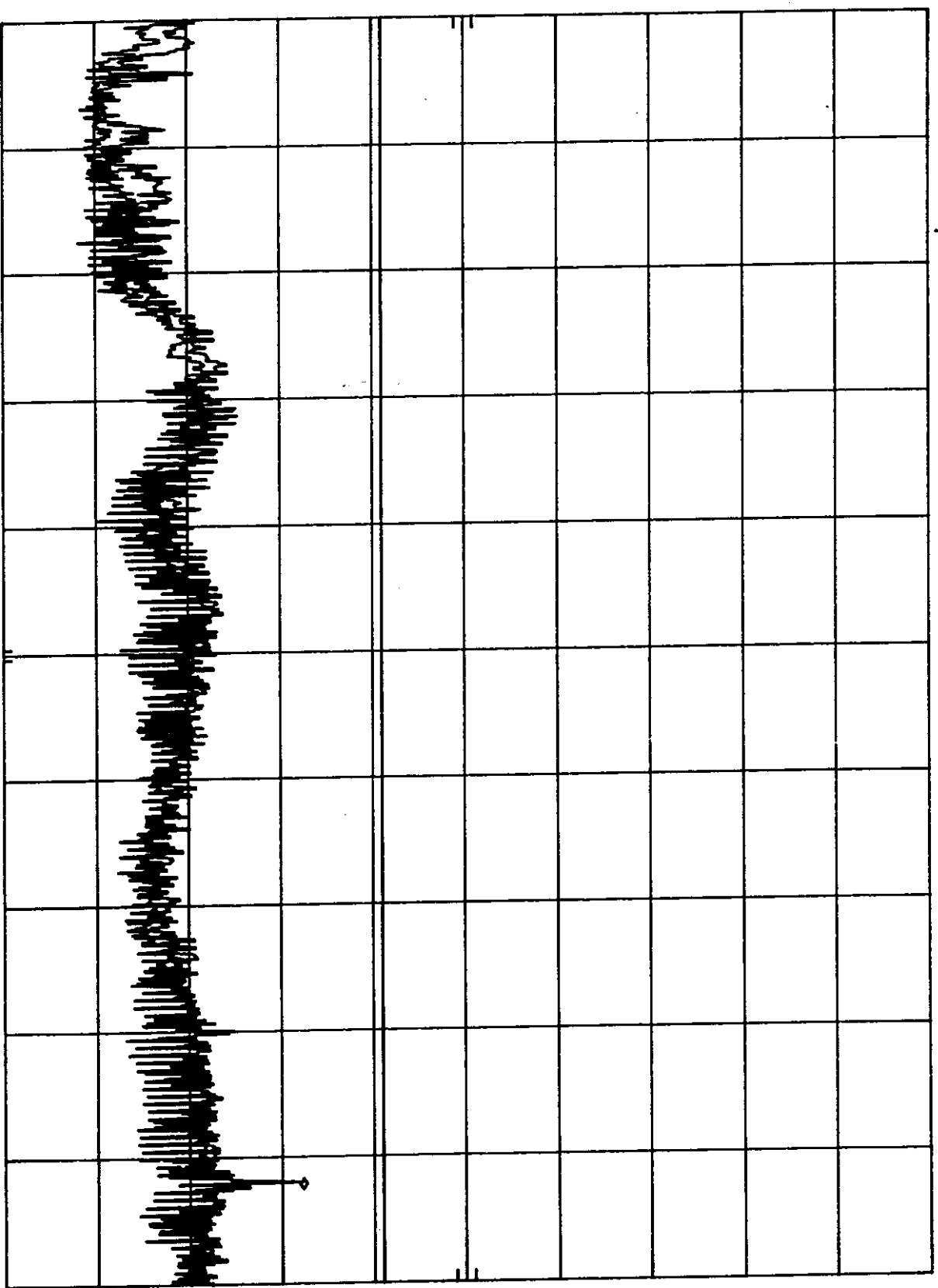
hp

A3KM076 85.9KHZ MODE AC110V
REF 107.0 DBμV ATTEN 10 DB

MKR 27.64 MHZ
39.30 DBμV

10 DB/

DL
48.0
DBμV



START 450 KHZ
RES BW 10 KHZ
VBW 10 KHZ
STOP 30.00 MHZ
SWP 750 msec

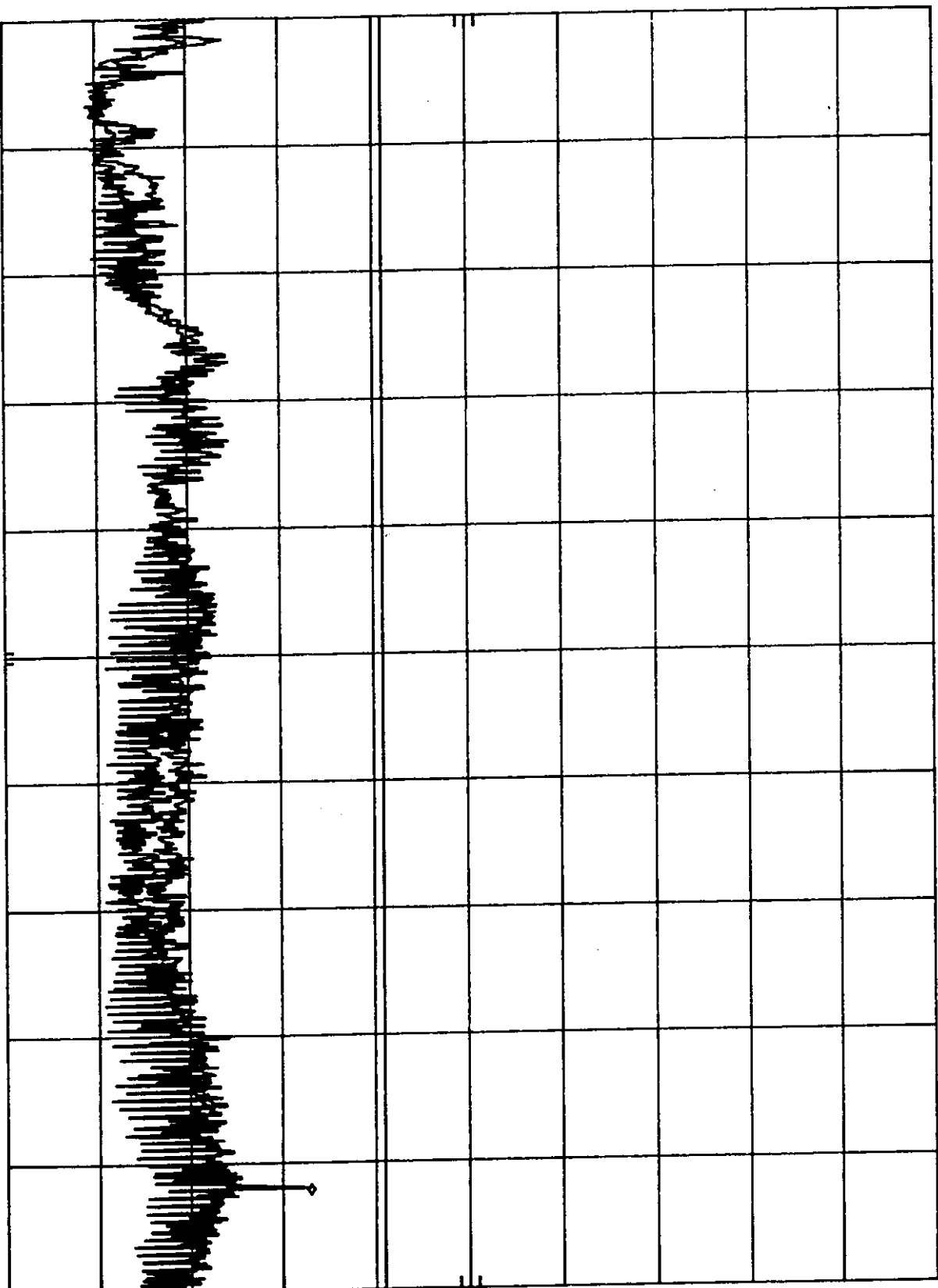
hp

A3KM076 85.9KHZ MODE AC220V
REF 107.0 DBμV ATTEN 10 DB

MKR 27.64 MHZ
40.10 DBμV

10 DB/

DL
48.0
DBμV



START 450 KHZ RES BW 10 KHZ VBW 10 KHZ SWP 750 msec STOP 30.00 MHZ

FCC TEST REPORT

FCC ID : A3KM076
 REPORT NO.: EMI97-094A
 TEST DATE : NOV/01/1997
 TEST ENGI.: C.C.Wu

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 PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
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 TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED
 TESTED SYSTEM:

1. EUT : 17B2302Q COLOR MONITOR S/N.: NO.1
 FCC ID. : A3KM076
2. COMPUTER: HP Pavilion 8160 S/N.: US72150127
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419
 FCC ID. : DS16XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966
 FCC ID. : BFJ9D907-00038
5. MOUSE : HP M-S34 S/N.: LCAS4625637
 FCC ID. : DZL210472
6. KEYBOARD: HP 5182-5521 S/N.: E03633HLUS-C
 FCC ID. : CIGE03633
7. VIDEO CARD : 806-4107B S/N.: 100964
 FCC ID. : I27MM-VS03A
8. CD_ROMD : SONY CDU31A S/N.: --
 FCC ID. : KGACDU31A2

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE
 ANSI C63.4-1992 "AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF
 RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC
 EQUIPMENT IN THE RANGE OF 9KHz TO 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
 80.0KHz MODE(1280X1024/75Hz) WAS TESTED.
 INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
 UNSHIELDED MAINS CORD WAS USED DURING TEST.
 EXTRA MICPHONE WAS USED DURING TEST.
 EXTRA EARPHONE WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
64.45	30.12	33.62	40
72.01	30.36	32.96	40
113.16	30.58	34.68	43.5
120.03	32.6	33.5	43.5

154.66	31.45	AMBIENT	43.5
167.56	32.34	AMBIENT	43.5
180.45	33.6	27.7	43.5
232	35.9	33.9	46
244.9	39.3	36	46
270.67	39.74	36.24	46
283.57	38.1	35.9	46
309.34	30.236	29.736	46
322.23	32.588	30.088	46
335.12	33.14	31.24	46
360.91	32.3	32.2	46
386.71	32.332	31.032	46
412.54	32.656	31.056	46
425.35	33.1	32.7	46
451.12	33.624	32.824	46
464.02	34.336	34.036	46
580.01	35.86	33.76	46

ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED.
SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz

VBW : 100KHz

QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER
20 - 1000MHz ESVS 30 :

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
36.01	29.66	35.46	40
38.67	30.24	36.04	40
48.01	37.02	36.32	40
48.92	36.36	35.06	40
51.57	30.62	32.92	40
55.25	29.65	32.95	40
60.01	29.1	36	40
84.01	31.1	37.1	40
132.01	31.72	34.42	43.5
193.33	33.53	AMBIENT	43.5
206.23	32.9	30.1	43.5
219.11	35.42	32.02	46

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS
ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

SAMPLE CALCULATION :

FINAL VALUE (dBuV/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuV/m)

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THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT
BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

K T 11

TESTED BY:

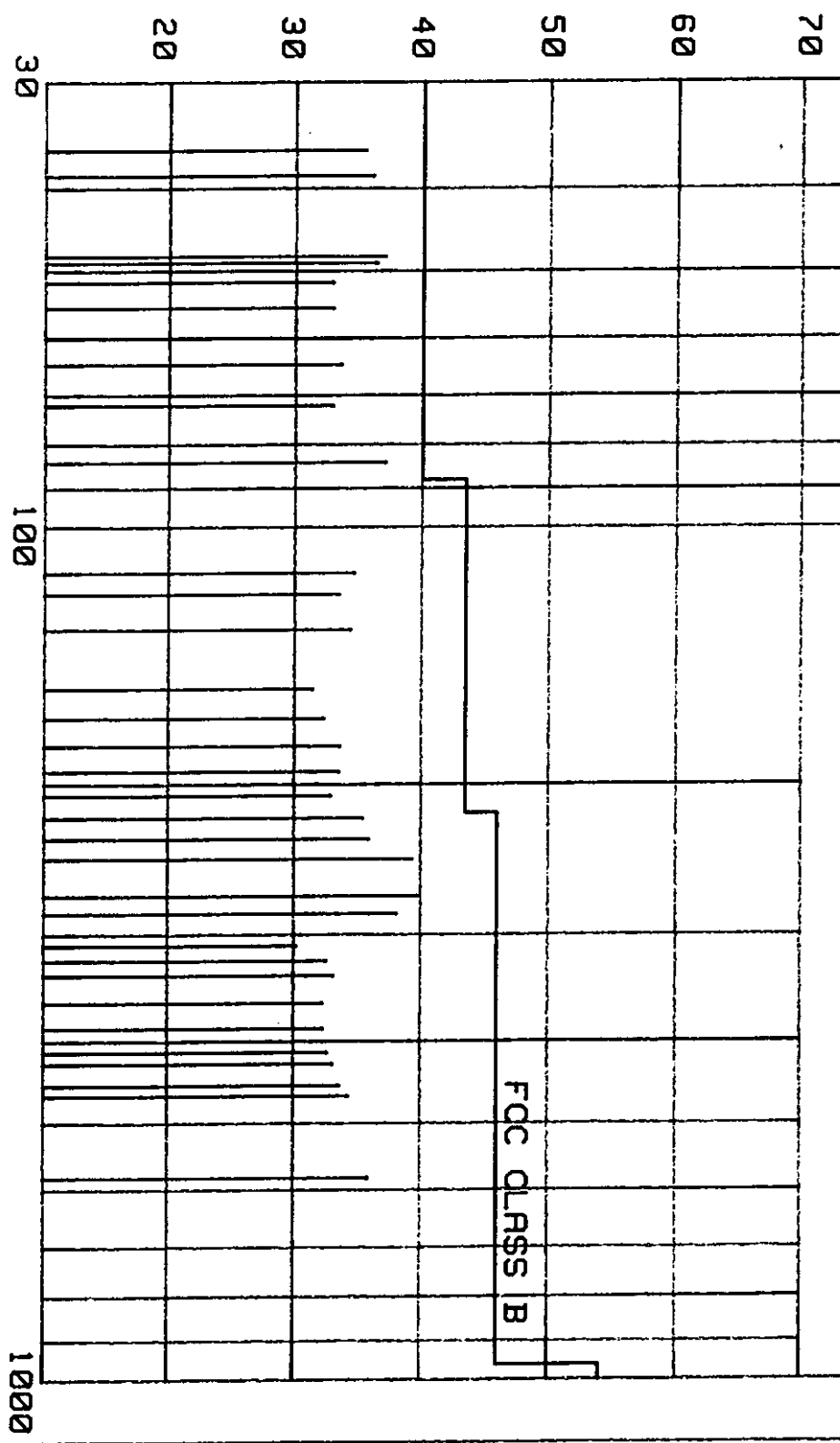


80 RFI EMISSION LEVEL dBuV/m

NOV/01/1997

REPORT NO: EM197-094A
MODEL NO: 17B23020

FCC CLASS B



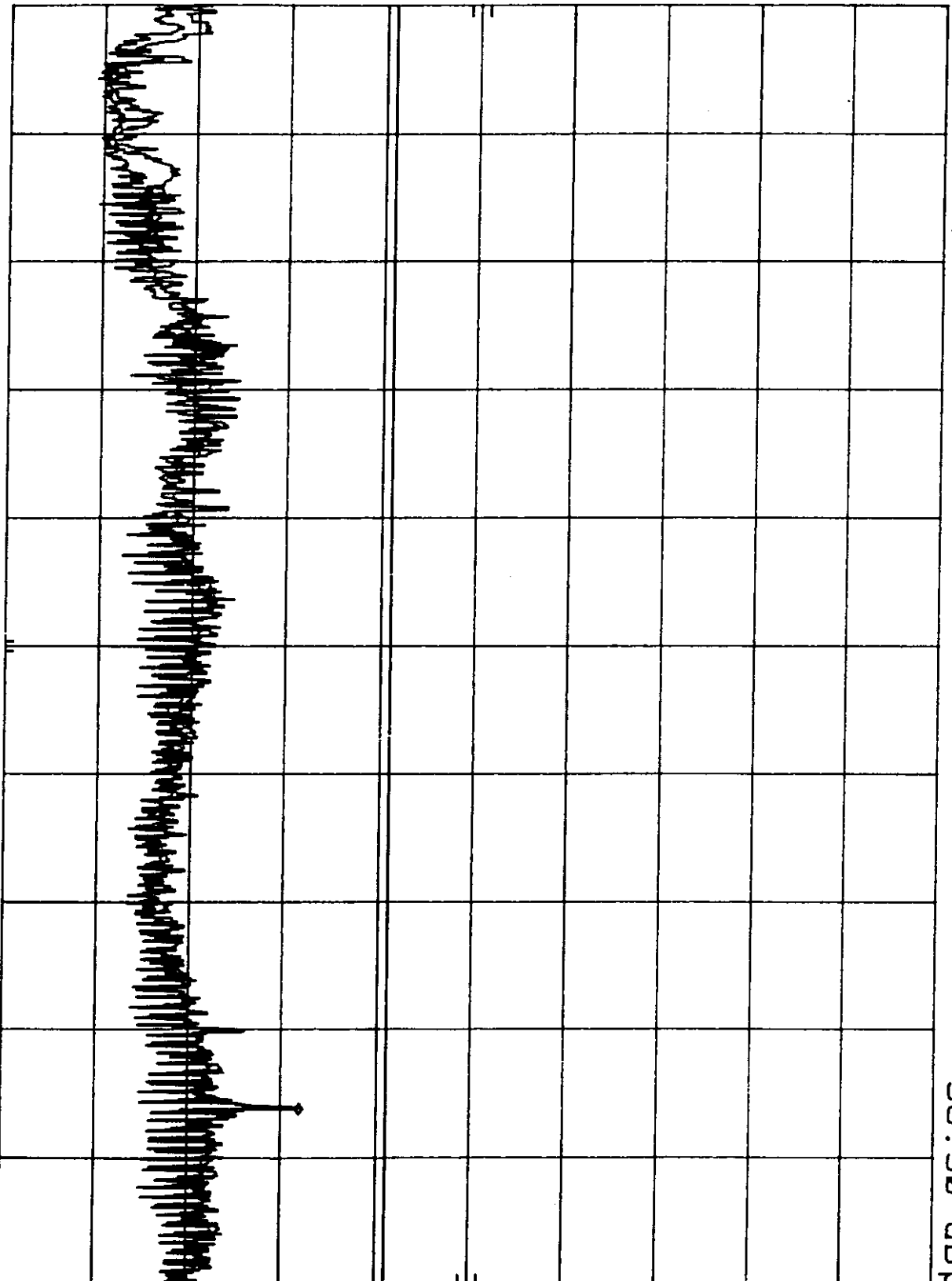
FREQUENCY MHz

h
A3KM076 80KHZ MODE AC110V
REF 107.0 dBμV ATTEN 10 dB

MKR 25.89 MHZ
38.90 dBμV

10 dB/

DL
48.0
dBμV



START 450 KHZ

RES BW 10 KHZ

VBW 10 KHZ

SMP 750 msec

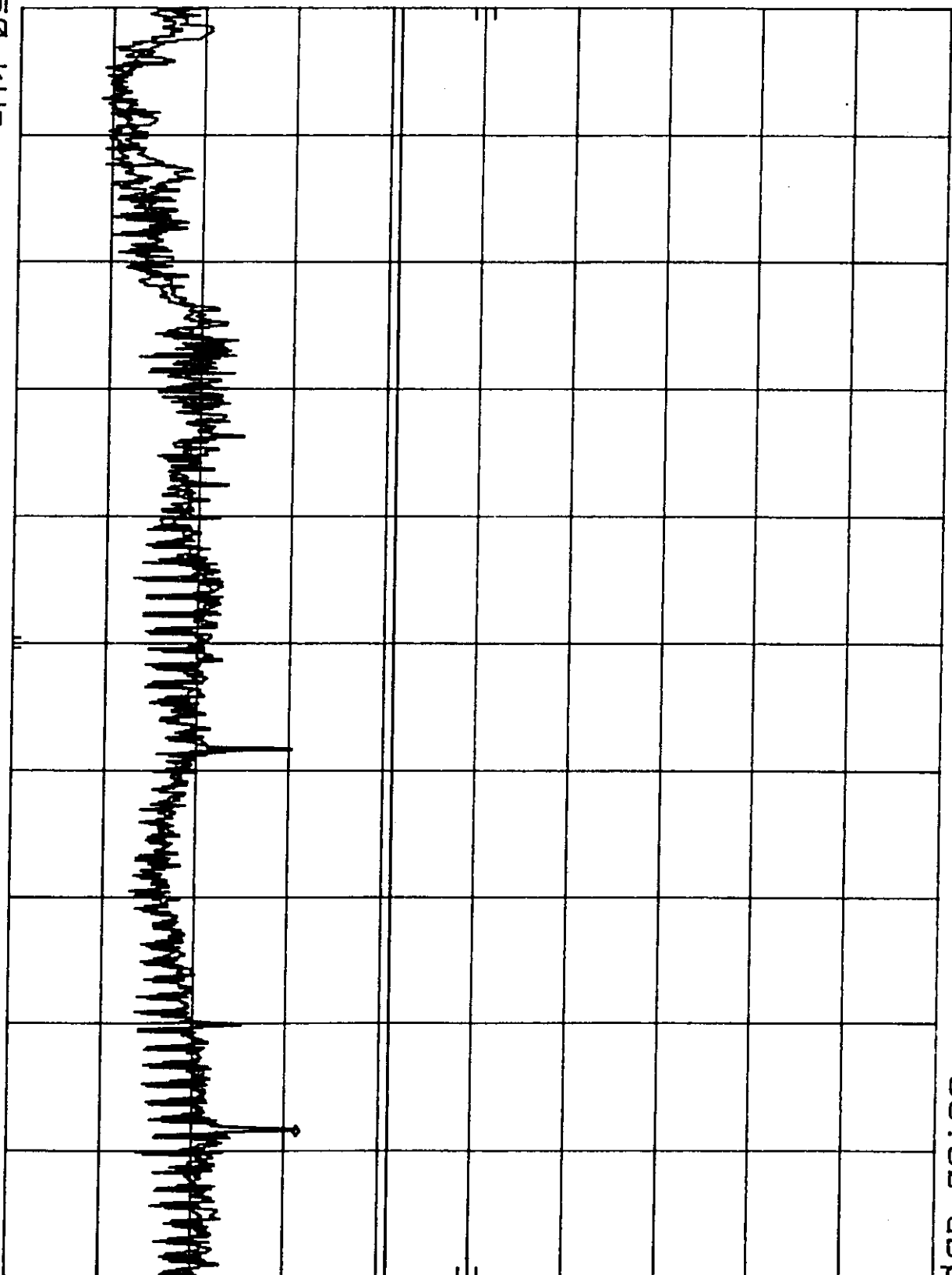
STOP 30.00 MHZ

A3KM076 68.7KHZ MODE AC110V
REF 107.0 dBμV ATTEN 10 dB

MKR 26.54 MHZ
38.30 dBμV

10 dB/

DL
48.0
dBμV



START 450 KHZ

RES BW 10 KHZ

VBW 10 KHZ

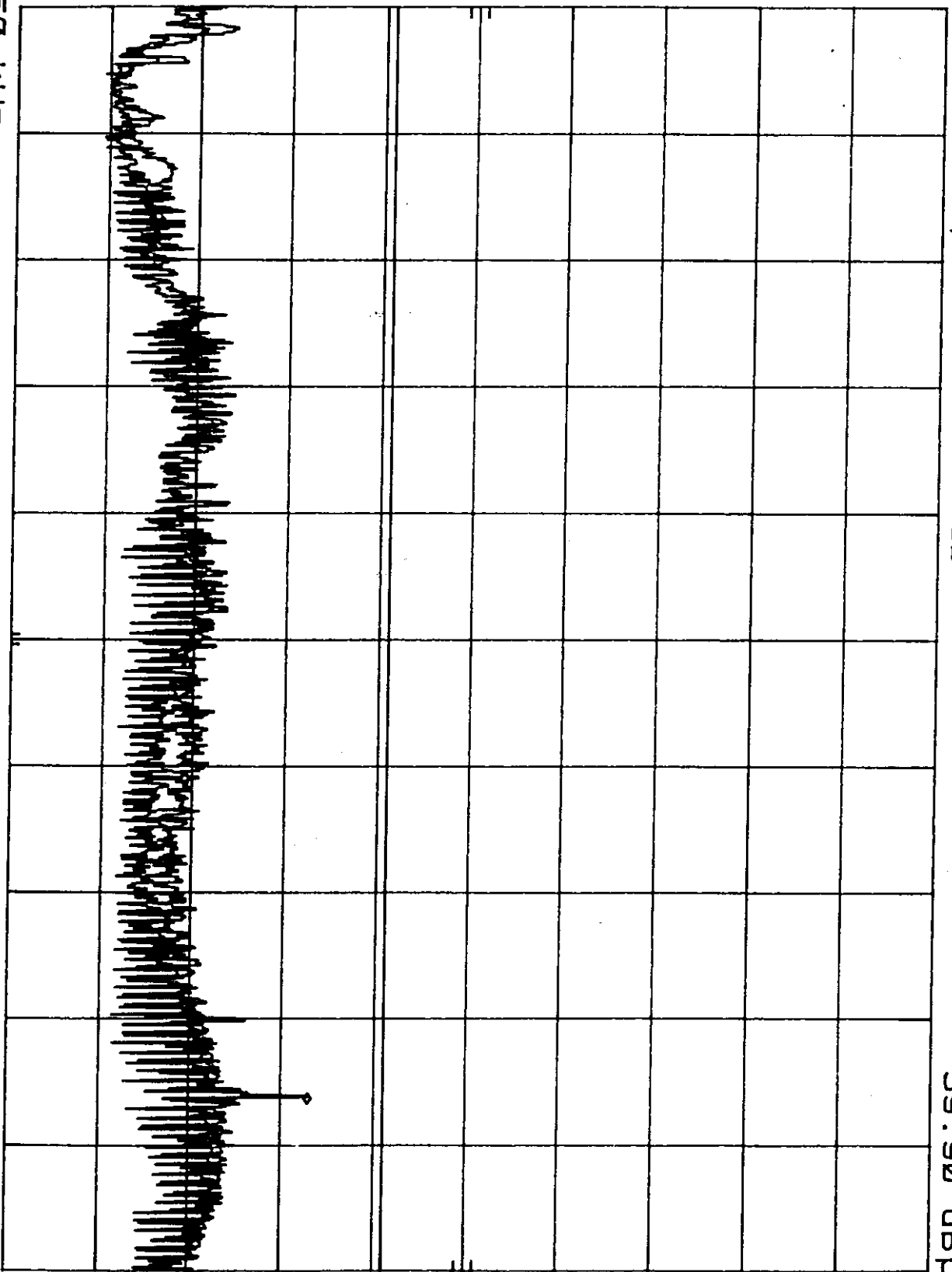
STOP 30.00 MHZ
SWP 750 msec

A3KM076 80KHZ MODE AC220V
hpd REF 107.0 DBμV ATTEN 10 DB

MKR 25.92 MHZ
39.90 DBμV

10 DB/

DL
48.0
DBμV



START 450 KHZ
RES BW 10 KHZ
VBW 10 KHZ
SWP 750 msec
STOP 30.00 MHZ

FCC TEST REPORT

FCC ID : A3KM076
 REPORT NO.: EMI97-0948
 TEST DATE : NOV/02/1997
 TEST ENGI.: C.C.Wu

TEST PERFORMED BY
 PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
 CONSUMER ELECTRONICS DIVISION (PEI-CEO)
 EMI-LAB
 P.O.BOX 123
 CHUNGLI, TAoyUAN, TAIWAN, R.O.C.
 TEL: 886-3-4549862 FAX: 886-3-4549867

MANUFACTURER : PEI-CEO
 TESTED SYSTEM:

1. EUT : 17C2322E COLOR MONITOR S/N.: --
 FCC ID. : A3KM076
2. COMPUTER: HP Pavilion 8160 S/N.: US72150127
 FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145502419
 FCC ID. : D5I6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153956
 FCC ID. : BFJ9D907-00038
5. MOUSE : HP M-534 S/N.: LDA54625637
 FCC ID. : DZL210472
6. KEYBOARD: HP 5182-5521 S/N.: E03633HLUS-C
 FCC ID. : CIGE03633
7. VIDEO CARD : 806-4107B S/N.: 100964
 FCC ID. : I27MM-VS03A
8. CD_ROMD : SONY CDU31A S/N.: --
 FCC ID. : KGACDU31A2

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE
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 RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC
 EQUIPMENT IN THE RANGE OF 9KHz TO 406Hz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
 68.9KHz MODE(1024X768/85Hz) WAS TESTED.
 INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
 UNSHIELDED MAINS CORD WAS USED DURING TEST.
 EXTRA MICROPHONE WAS USED DURING TEST.
 EXTRA EARPHONE WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

REMARK: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY MHz	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
70.46	30.8	32.7	40
71.01	31.16	33.56	40
158.54	30.25	28.95	43.5
134.99	29.85	28.85	43.5

193.78	32.44	30.04	43.5
237.83	35.3	33.1	46
246.63	36.98	33.88	46
255.43	36.75	35.25	46
264.22	37.36	36.26	46
308.27	30.232	29.332	46
325.87	30.024	29.324	46
334.67	30.94	30.34	46
352.31	31.2	30.6	46

ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED.
SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz

VBW : 100KHz

QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER
20 - 1000MHz ESVS 30 :

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
36.01	28.56	35.36	40
46.88	33.08	36.58	40
48.01	37.52	37.62	40
55.13	28.85	33.85	40
60.01	31.5	36.4	40
61.56	27.46	33.36	40
79.38	AMBIENT	34.32	40
84.01	31.4	37.6	40
84.87	29.65	33.05	40
202.58	35.2	30	43.5
220.19	33.9	30.5	46

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS
ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

SAMPLE CALCULATION :

FINAL VALUE (dBuV/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuV/m)

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APPROVAL OF THE LABORATORY

THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT
BY NVLAP OF ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY:

K. J. Hsu

TESTED BY:

[Signature]

K.J.HSU, NVLAP SIGNATORY

C.C.W.

A3KM076 68.7KHZ MODE AC220V
h_p REF 107.0 DBμV ATTN 10 DB

MKR 26.54 MHZ
38.60 DBμV

10 DB/

DL
48.0
DBμV

START 450 KHZ

RES BW 10 KHZ

VBW 10 KHZ

STOP 30.00 MHZ
SWP 750 msec

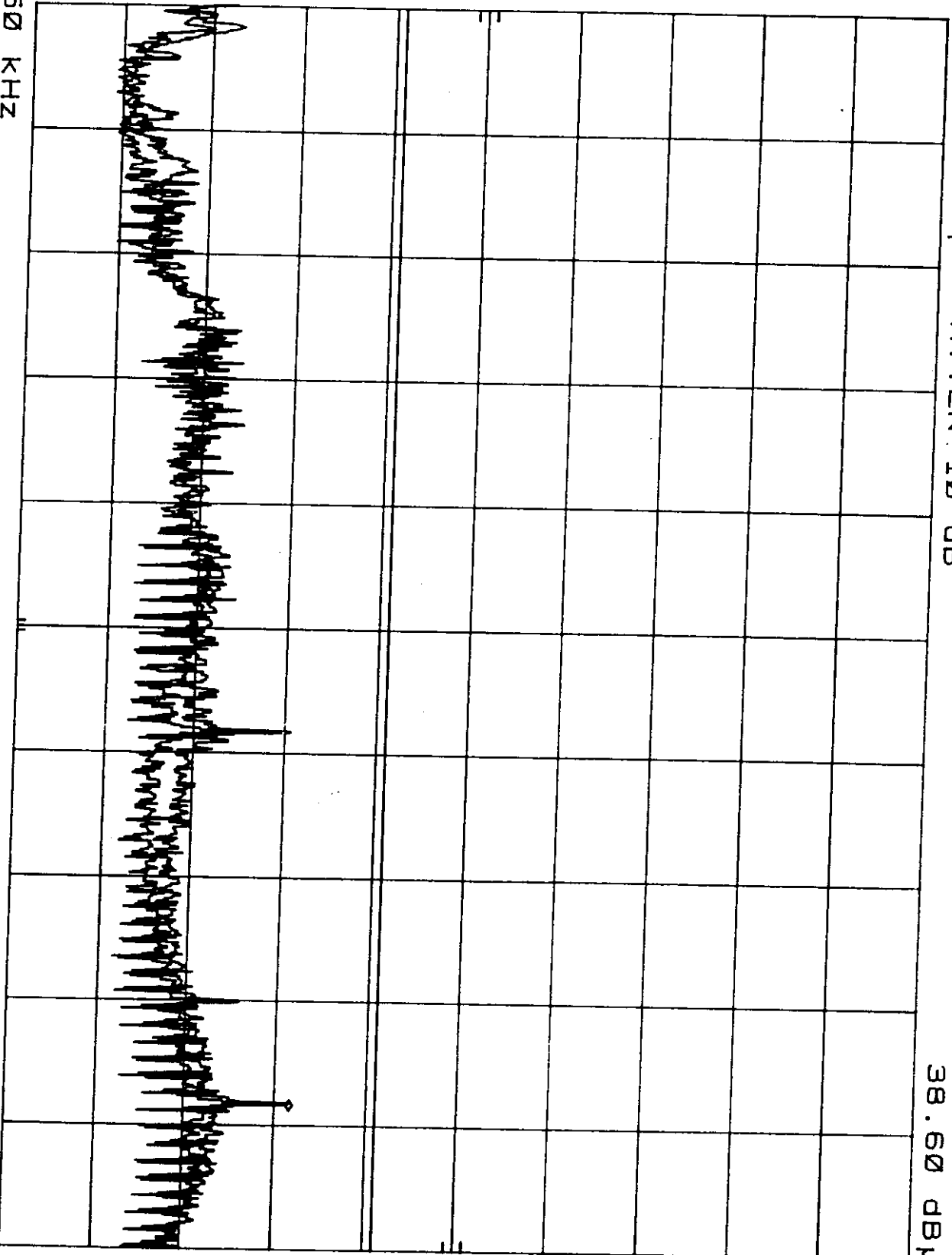


Exhibit 6

**Statement of Data Measured
and
Test Data of Modified**

STATEMENT OF DATA MEASURED

1. General Information of EUT

The EUT, 17" supper VGA color monitor,

Model No. : M770
 FCC ID : A3KM076
 Brand : DELL

The monitor automatically scans horizontal frequencies between 30KHz and 70KHz, and vertical frequencies between 50Hz and 120Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1280X1024 pixels. With microprocessor based digital controlled circuit and software control, the monitor can automatically adjust itself to the video card's scanning frequency and displays an image with the precise parameters you desire.

The monitor has 10 factory-preset modes as indicated in the following table:

	Resolution	H-Frequency	V-Frequency	Remark
M01	640 X 400	31.5KHz	70Hz	Non-interlaced
M02	640 X 480	31.5KHz	60Hz	Non-interlaced
M03	640 X 480	37.5KHz	75Hz	Non-interlaced
M04	640 X 480	43.2KHz	85Hz	Non-interlaced
M05	800 X 600	46.9KHz	75Hz	Non-interlaced
M06	800 X 600	53.7KHz	85Hz	Non-interlaced
M07	1024 X 768	48.3KHz	60Hz	Non-interlaced
M08	1024 X 768	60.0KHz	75Hz	Non-interlaced
M09	1024 X 768	68.7KHz	85Hz	Non-interlaced
M10	1280 X 1024	64.0KHz	60Hz	Non-interlaced

2. Test Equipment and Procedure

Test was performed by:

PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION
EMI - LAB

5, Tze Chiang 1 Road, Chungli Industrial Park
P.O. Box 123, Chungli, Taoyuan, Taiwan
R. O. C.

Tel.: 886-3-4549862 Fax : 886-3-4549887
Internet: ronnie.yang@tw.ccmil.philips.com

The test was performed in accordance with ANSI C63.4-1992, "AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9KHz TO 40GHz"

Test equipment used for line Conducted and Radiated emissions as following. All equipment were calibrated according to ANSI C63.4-1992 and ISO-9000 requirement unless otherwise specified.

Test Equipment	Model No.	Serial No.	Calibrated Date
Spectrum	HP8568B	2403A06961	4/15/1998
RF Preselector	HP85685A	2901A00964	4/15/1998
QP Adapter	HP85650A	2043A00366	4/15/1998
EMI Receiver	HP85460A	3441A00199	8/27/1998
RFI Filter Section	HP85460A	3330A00177	8/27/1998
EMI Receiver	R & S ESVS30	8419977/066	8/21/1998
Biconical Antenna	EMCO 3110B	2863	2/07/1998
Biconical Antenna	EMCO 3110B	2864	2/07/1998
Log-Periodic Antenna	EMCO 3146A	1377	2/07/1998
Log-Periodic Antenna	EMCO 3146A	1378	2/07/1998
LISN	EMCO 3825/2	9311-2153	3/23/1998
LISN	EMCO 3825/2	9311-2154	3/23/1998
Turn Table	EMCO 1060	1068	4/16/1998
Antenna Tower	EMCO 1050	1113	4/16/1998
RF Cable	M17/75-RG214-NE	N/A	4/16/1998
Computer	HP9000/300	2614A78610	N/A
Printer	HP2225A	2728S02586	N/A
Plotter	HP7440A	2539A40856	N/A

Traceability to R.O.C. and international standards is assured by using calibrated all equipment.

For system measurement, the EUT “M770” was connected to:

Item	Model No.	Serial No.	FCC ID
1. Computer	Dell XPS R400	EY1CQ	FCC LOGO
2. Keyboard	Dell SK-1000REW	001435C	GYUR57SK
3. Mouse	Dell PN X03-60998	7132967	C3KKMP5
4. Printer	HP 2225C	3123S97227	DSI6XU2225
5. Modem	Hayes 07-00038	A29900153966	BFJ9D907-00038
6. Vide Card	Built-in	--	--

The system was configured for testing in a typical fashion (as a customer would normally use it) according to ANSI C63.4-1992, please see the photographs for detail.

Both conducted and radiated testing were performed according to the procedure in ANSI C63.4-1992. Conducted testing was performed in screen room and radiated testing was performed in open site at an antenna to EUT distance of 3-meter on horizontal and vertical polarization.

First, pre-scan all modes in screen room then select 2 higher modes (worst case) were tested and reported.

The line conductive interference was tested with 110VAC and 220VAC receptively. Unshielded power cord was used during test.

Tested and reported modes as following:

Report No.	Resolution	Frequencies
EMI98-070	1024X 768	68.7KHz/85Hz
EMI98-070A	1280 X 1024	64.0KHz/60Hz

3. Test Program and Test Results

Set up the EUT and all peripherals as chapter 6 of ANSI C63.4-1992 for AC power line conducted emissions testing and radiated emissions testing.

Turn on the power of EUT and all peripherals, select an appropriate displaying mode using the “setup” software. Then run an EMI test program “HTEST.EMI” as a basic software to execute the EUT operating under test.


- Step 1 : Run the "HTEST.EMI" on personal computer then sends "H" character to monitor continuously until full screen.
- Step 2 : Personal computer sends a complete line of continuously repeating "H" to HP 2225C printer.
- Step 3 : Personal computer sends a file of "H" pattern to floppy disk then read a file of "H" pattern from floppy disk.
- Step 4 : Personal computer sends a file of "H" pattern to hard disk then read a file of "H" pattern from hard disk.
- Step 5 : Personal computer sends a file of "H" pattern to USRobotics 268 modem.
- Step 6 : Return to step 1

All data in this report are "PEAK" value within 15dB margin unless otherwise noted. The radiated (open site) data has included antenna and cable factors, sample calculation:

Final Value (dB μ v/m) = Reading (dB μ v) + Antenna Factor (dB) + Cable Loss (dB)

The measured data of radiated RF interference at open site and line conducted interference as attached.

The subject device is in compliance with the limits for a class B digital device, pursuant to part 15, subpart B of the FCC rules.



Ronnie Yang - Manager, Safety/Dev. PEI-CED
NVLAP Signatory

FCC TEST REPORT

FCC ID : A3KM076
 REPORT NO.: EMI98-070
 TEST DATE : SEP/18/1998
 TEST ENGI.: C.C.Wu

TEST PERFORMED BY
 PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
 CONSUMER ELECTRONICS DIVISION (PEI-CED)
 EMI-LAB
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 CHUNGLI, TAOYUAN, TAIWAN, R.O.C.
 TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED
 TESTED SYSTEM:

1. EUT : DELL M770 COLOR MONITOR S/N.: --
 FCC ID. : A3KM076
2. COMPUTER: DELL XPS R400 S/N.: EY1CQ
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419
 FCC ID. : DSI6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575
 FCC ID. : CJE-0318
5. MOUSE : DELL PN X03-60998 S/N.: LCA54625637
 FCC ID. : C3KKMP5
6. KEYBOARD: DELL SK-1000REW S/N.: 001435C
 FCC ID. : 6YUR57SK
7. VIDEO CARD : ATI EXPERT 98 S/N.: 75182
 FCC ID. : FCC L060

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE
 ANSI C63.4-1992 'AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF
 RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC
 EQUIPMENT IN THE RANGE OF 9KHz TO 406Hz'

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
 68.7KHz MODE(1024X768/85Hz) WAS TESTED.
 INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
 UNSHIELDED MAINS CORD WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
33.68	28.34	32.04	40
40.41	25.9	31.3	40
47.14	26.88	32.08	40
53.87	25.54	28.44	40
60.6	25.43	28.43	40
74.06	30.12	33.42	40
127.91	31.14	30.54	43.5
134.64	30.65	29.65	43.5

154.83	28.25	30.45	43.5
168.3	32.34	32.94	43.5
181.76	33.28	32.38	43.5
242.35	37.48	33.98	46
249.08	37.56	34.06	46
269.29	38.76	35.46	46
296.22	38.52	37.22	46
302.95	33.812	35.612	46
309.68	34.64	33.84	46
316.41	34.164	31.964	46
323.14	31.792	31.292	46
329.87	31.72	29.82	46
343.35	33.432	31.132	46
350.08	32.7	33.7	46
356.81	33.3	32.9	46
363.45	31.9	31.8	46
370.27	33.6	32	46
377.01	33.272	32.272	46
403.93	34.848	33.348	46
417.39	32.804	32.504	46
424.12	33.388	32.688	46
430.85	34.144	33.644	46
437.6	35.012	33.212	46
444.33	34.556	33.756	46
451.06	35.824	34.624	46
457.79	35.792	35.092	46
464.53	36.06	35.66	46
471.26	35.104	35.404	46
484.72	34.72	36.12	46
504.91	35.54	36.24	46
518.37	35.544	33.644	46
525.1	35.3	34.1	46
531.85	36.428	35.128	46
545.33	36.08	34.28	46
552.06	35.748	34.748	46
565.52	35.584	35.484	46
572.25	37.328	35.228	46
578.98	36.448	35.948	46
592.44	37.904	35.704	46
599.17	37.688	34.988	46
619.36	37.708	36.708	46
632.84	AMBIENT	38.22	46
659.76	38.78	39.28	46
679.97	38.62	39.42	46
706.89	40.072	40.772	46
708.89	37.364	38.064	46

ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED.
SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz

VBW : 100KHz

QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER
20 - 1000MHz ESUS 30 :

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
67.33	29.71	33.71	40
114.44	36.04	35.94	43.5
121.18	34.53	34.23	43.5
161.57	28.36	31.96	43.5
195.22	31.45	AMBIENT	43.5
208.68	32.2	30.7	43.5
215.43	34.7	32.8	43.5
228.89	32.38	31.18	46
255.83	40.5	34.8	46
262.56	42.22	38.82	46
276.03	41.34	36.34	46
289.49	37.85	37.65	46
686.7	36.588	38.288	46

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS
ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

SAMPLE CALCULATION :

FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)

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APPROVAL OF THE LABORATORY

THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT
BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY:

K. J. Hsueh

K.J.HSU, NVLAP SIGNATORY

TESTED BY:

C.C. Wu

C.C.Wu

FCC TEST REPORT

FCC ID : A3KM076
 REPORT NO.: EMI98-070A
 TEST DATE : SEP/19/1998
 TEST ENGI.: C.C.Wu

TEST PERFORMED BY
 PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
 CONSUMER ELECTRONICS DIVISION (PEI-CED)
 EMI-LAB
 P.O.BOX 123
 CHUNG LI, TAoyUAN, TAIWAN, R.O.C.
 TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED
 TESTED SYSTEM:

1. EUT : DELL M770 COLOR MONITOR S/N.: --
 FCC ID. : A3KM076
2. COMPUTER: DELL XPS R400 S/N.: EY1CQ
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419
 FCC ID. : DSI6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575
 FCC ID. : CJE-0318
5. MOUSE : DELL PN X03-60998 S/N.: LCAS4625637
 FCC ID. : C3KKMP5
6. KEYBOARD: DELL SK-1000REW S/N.: 001435C
 FCC ID. : GYUR57SK
7. VIDEO CARD : ATI EXPERT 98 S/N.: 75182
 FCC ID. : FCC L060

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE
 ANSI C63.4-1992 "AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF
 RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC
 EQUIPMENT IN THE RANGE OF 9KHz TO 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
 64.0KHz MODE(1280X1024/60Hz) WAS TESTED.
 INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
 UNSHIELDED MAINS CORD WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
32.44	28.12	31.92	40
43.26	26.32	29.62	40
48.67	26.06	28.76	40
54.05	25.24	30.94	40
59.47	29.29	31.49	40
64.87	27.55	31.85	40
75.67	30.88	33.78	40
86.51	30.05	32.05	40

113.51	30.44	31.34	43.5
129.75	32.7	31.5	43.5
140.57	31.31	33.91	43.5
156.8	27.95	28.85	43.5
178.39	AMBIENT	33.04	43.5
183.81	32.66	31.96	43.5
194.61	33.35	30.35	43.5
210.84	32.58	30.38	43.5
216.25	33.18	32.08	46
221.64	33.34	32.14	46
227.04	32.74	32.64	46
232.45	35.9	33.4	46
237.85	35.1	33.8	46
248.66	37.66	34.96	46
254.07	39.3	35.4	46
259.48	37.05	34.35	46
264.89	35.5	35.2	46
270.29	38.1	AMBIENT	46
275.69	38.74	35.04	46
286.49	39.3	36.3	46
291.92	37.94	35.94	46
302.7	32.912	31.412	46
308.13	31.632	30.332	46
313.54	31.456	29.956	46
318.95	32.476	29.776	46
324.36	32.196	30.296	46
329.77	32.02	29.82	46
335.18	31.44	30.64	46
340.59	32.184	31.384	46
356.78	32.1	30.8	46
362.19	33	32.2	46
394.61	33.12	32.52	46
410.81	32.932	31.232	46
416.21	32.192	31.092	46
448.68	32.476	32.276	46
454.08	33.196	32.596	46
470.26	34.28	33.88	46
486.46	34.452	AMBIENT	46
502.66	34.124	34.024	46
508.06	34.064	33.864	46
513.46	33.704	32.804	46
540.57	35.864	34.964	46
545.97	33.584	33.684	46
551.38	34.124	33.624	46
556.79	36.768	34.568	46
562.2	35.288	34.088	46
573.01	36.252	35.352	46
578.41	36.836	35.136	46
589.22	37.168	36.068	46
594.62	37.84	35.44	46
605.44	34.96	34.86	46
627.05	36.68	35.88	46

- # ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED.
SPECTRUM ANALYZER SETTINGS:
RBW : 100KHz
VBW : 100KHz
QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER
20 - 1000MHz ESVS 30 :

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
37.85	25.48	35.48	40
70.27	29.7	34.2	40
124.34	32.02	31.82	43.5

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

SAMPLE CALCULATION :

FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)

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THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY:

K. J. Hsu

K.J.HSU, NVLAP SIGNATORY

TESTED BY:

C.C. Wu

C.C.Wu

SEP/19/1998

RFI EMISSION LEVEL dBuv/m

REPORT NO: EMI98-070A
MODEL NO: DELL M770

80

70

60

50

40

30

20

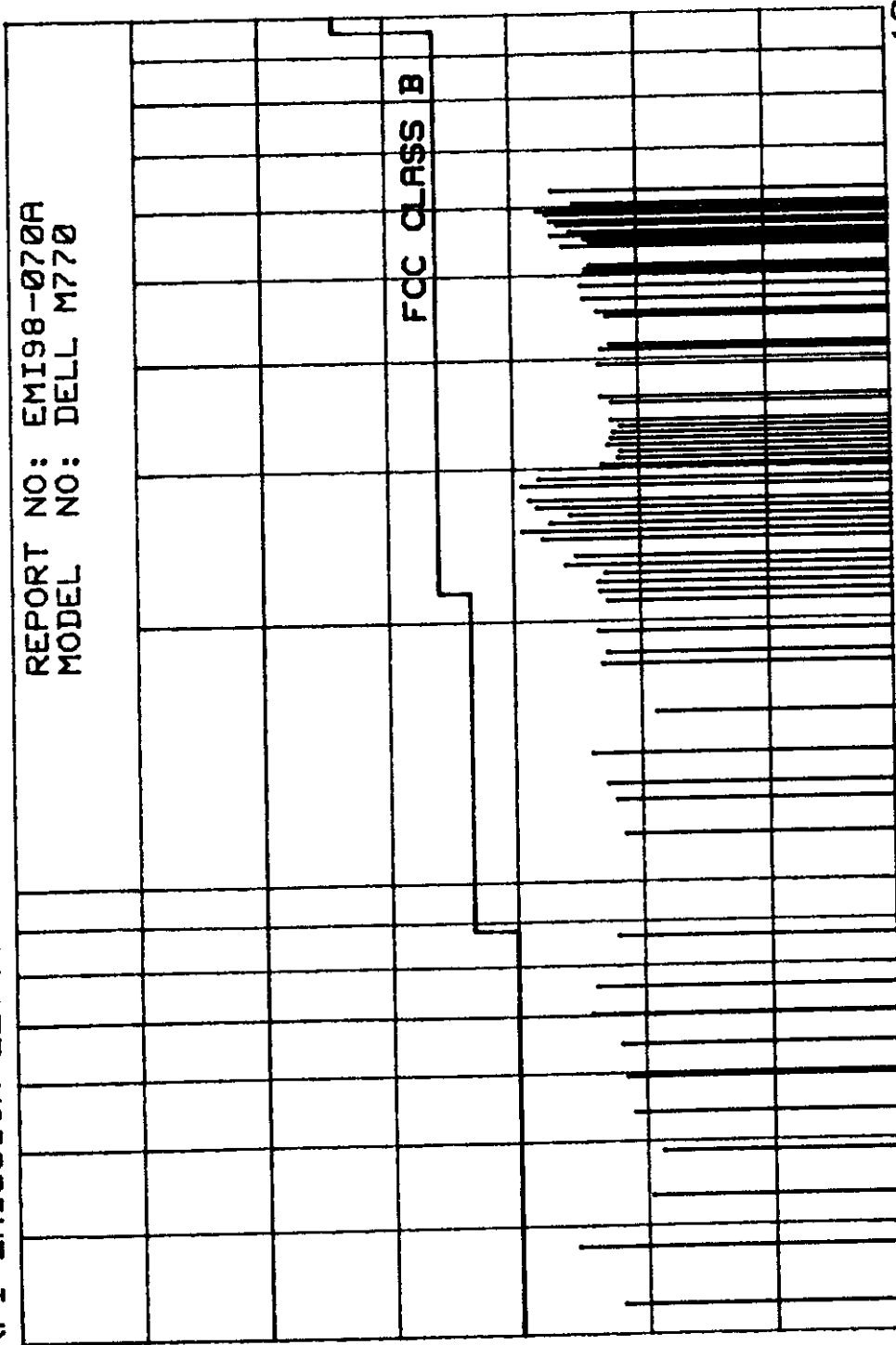
30

100

1000

FCC CLASS B

FREQUENCY MHz

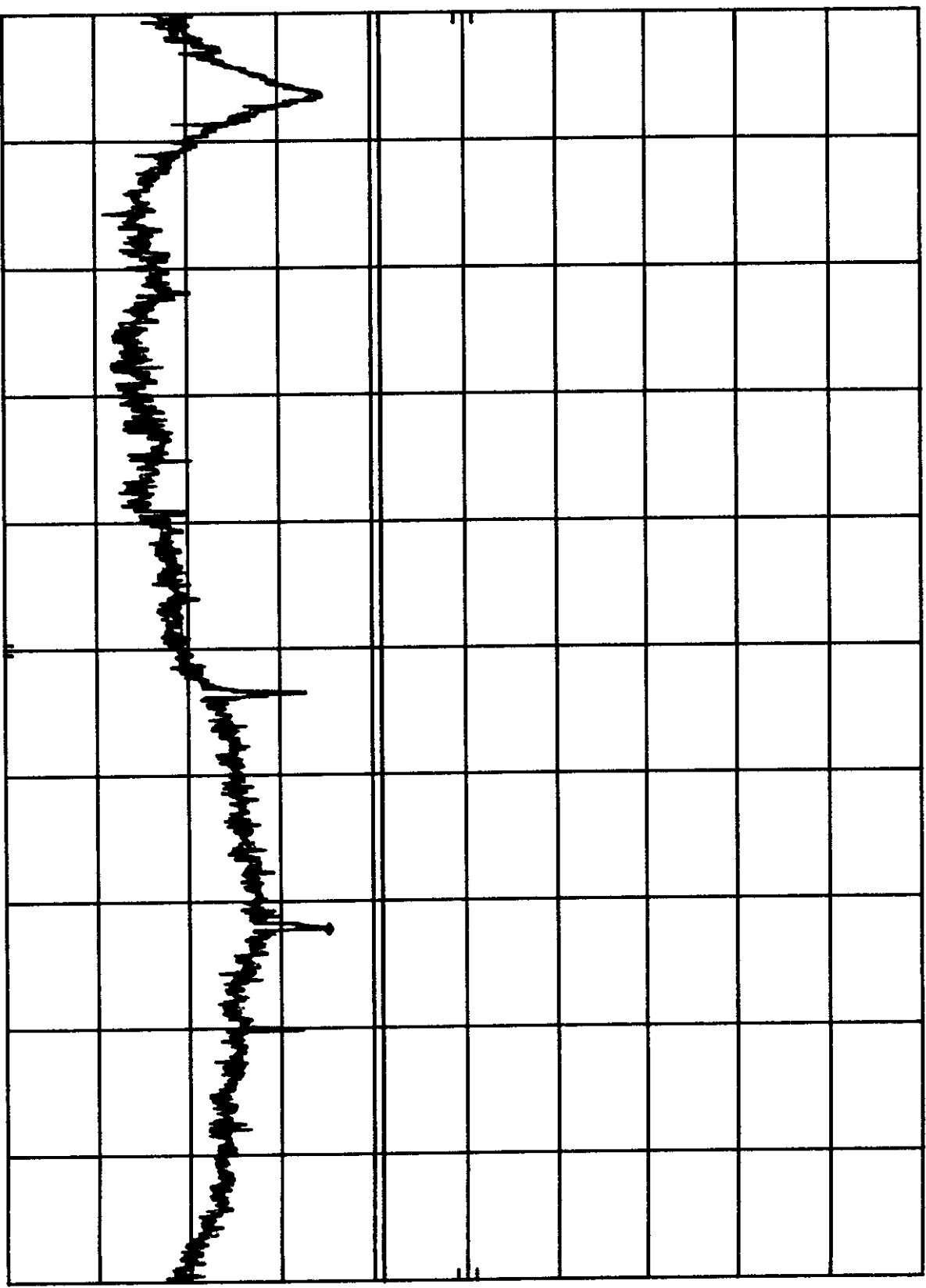


HP

A3KM076 1280X1024/60HZ 64KHZ MODE AC110V MKR 21.76 MHZ
REF 107.0 DBμV ATTN 10 DB 42.20 DBμV

10 DB/

DL
48.0
DBμV



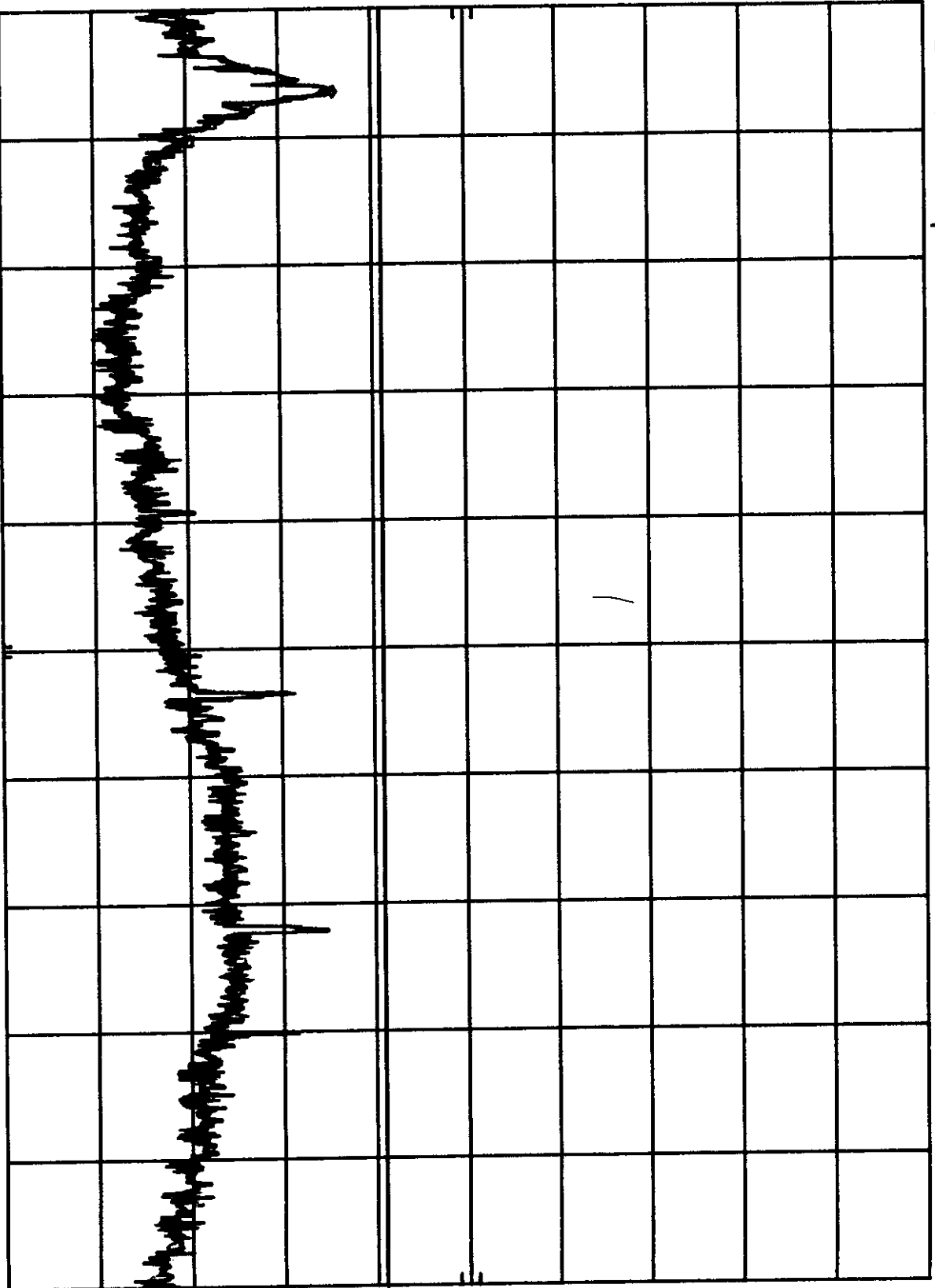
START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ
SWP 750 msec

HP

A3KM076 RUN 1280X1024/60HZ 64KHZ MODE AC220V MKR 2.34 MHZ
REF 107.0 DBμV ATTEN 10 DB 42.90 DBμV

10 DB/

DL
48.0
DBμV



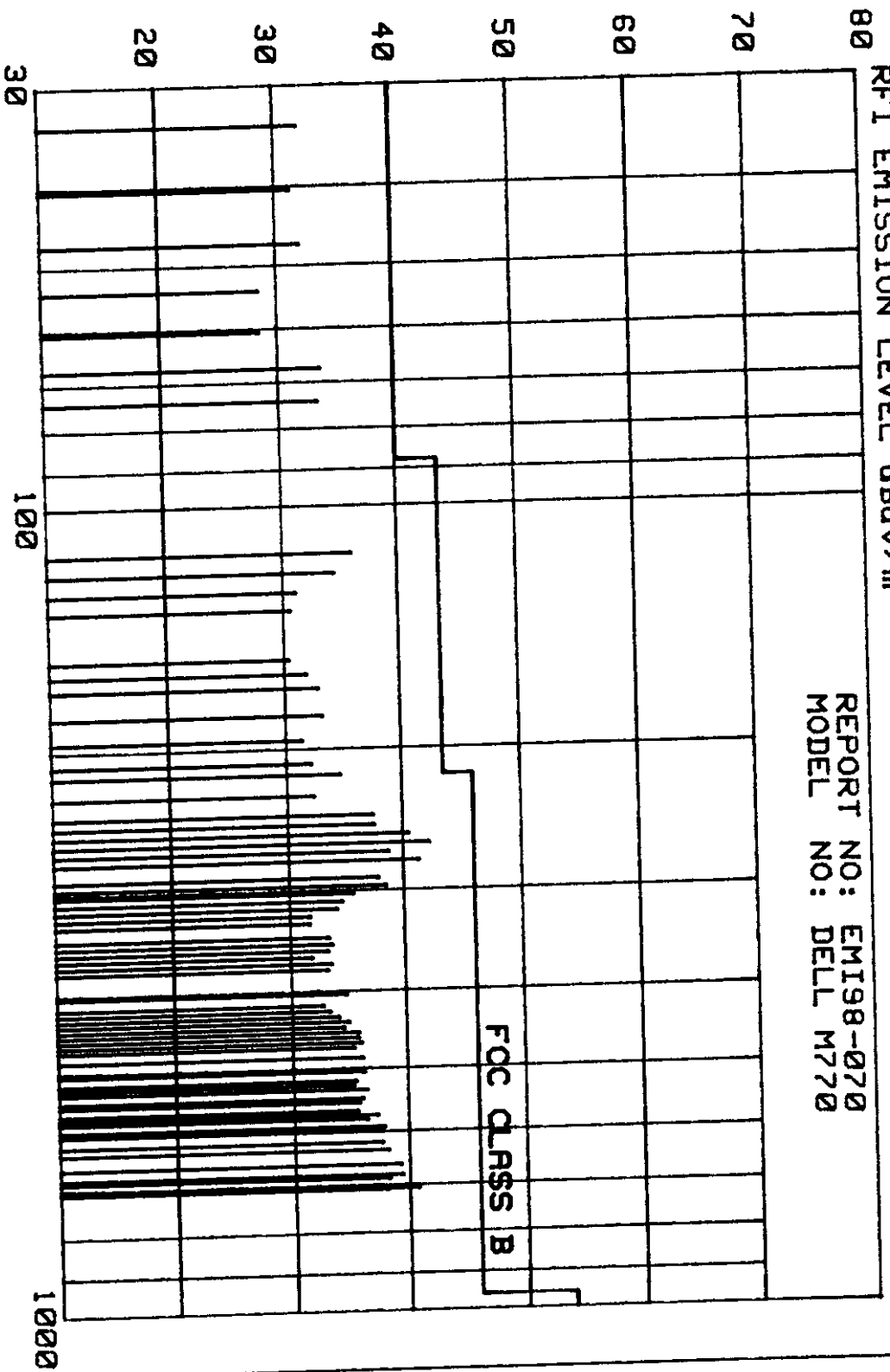
START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ
SWP 750 msec

SEP/18/1998

RFI EMISSION LEVEL dBuV/m

REPORT NO: EM198-070
MODEL NO: DELL M770

FOC CLASS B



FREQUENCY MHZ

hp

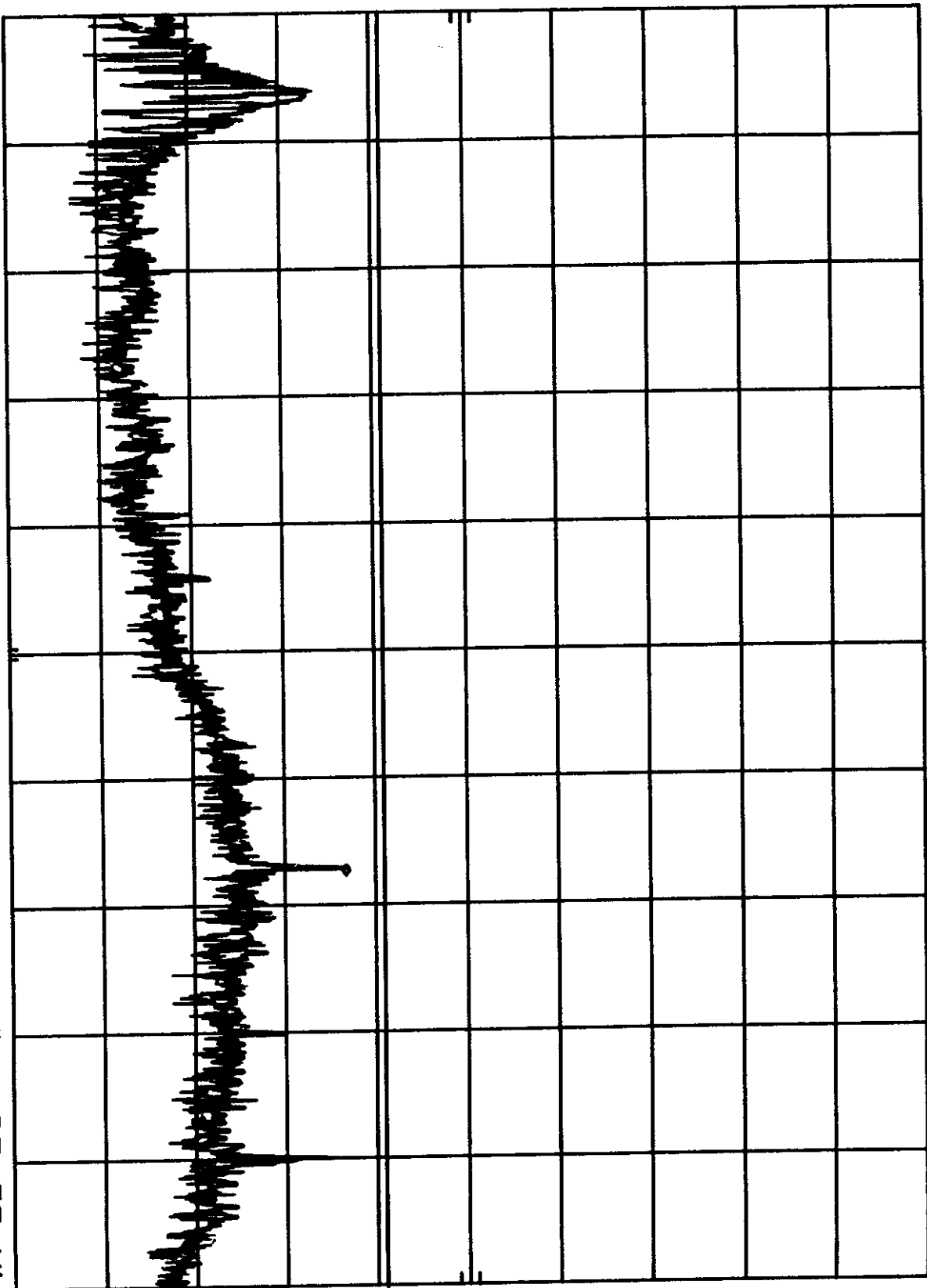
A3KM076 RUN 1024X768/85Hz 68.7KHz MODE AC110V MKR 20.31 MHz
REF 107.0 dBμV ATTN 10 dB 43.70 dBμV

10 dB/

DL

48.0

dBμV



START 450 KHz

RES BW 10 KHz

VBW 10 KHz

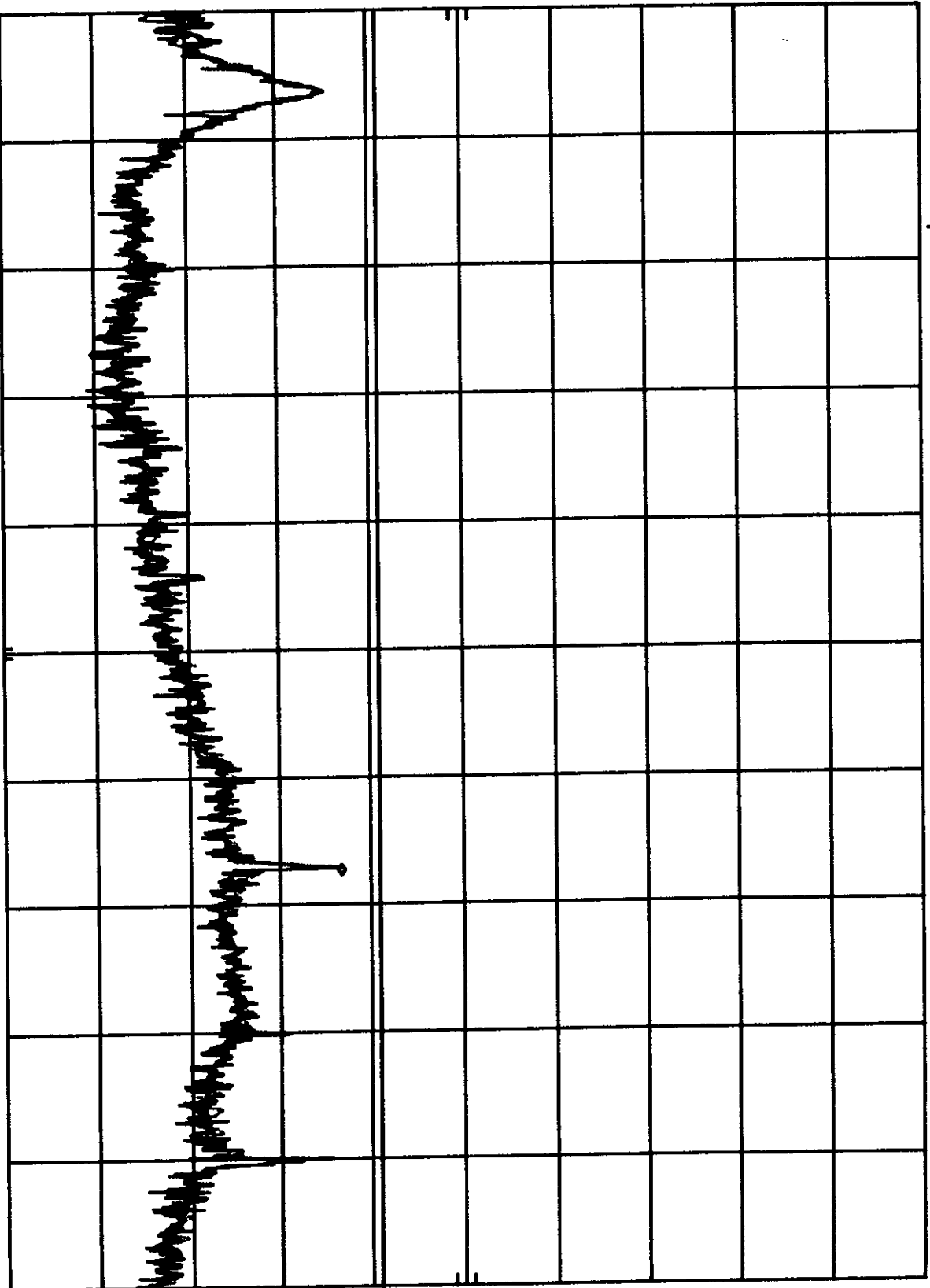
STOP 30.00 MHz
SWP 750 msec

A3KM076 RUN 1024X768/85HZ 68.7KHZ MODE AC220V MKR 20.31 MHZ
REF 107.0 dBμV ATTEN 10 dB 43.80 dBμV

HP

10 dB/

DL
48.0
dBμV



START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ
SWP 750 msec