

## **Exhibit 6**

# **Statement of Data Measuremed and Test Data of Modified**

## STATEMENT OF DATA MEASURED

The "EUT", 21" SVGA color monitor

MODEL NO.: PE1140  
 BRAND : Compaq  
 FCC ID : A3KM080

was tested by: Philips Electronics Industries ( Taiwan ) Ltd.  
 Consumer Electronics Division  
 EMC Laboratory  
 5, Tze Chiang 1 Road,  
 Chungli Industrial Park , Taoyuan,  
 Taiwan, R.O.C.  
 Tel : 886-3-4549862 Fax : 886-3-4549887

The Open Area Test Site has been fully described in a report currently on file with FCC , and accepted in a letter dated May 25, 1994. The update data of measurement facility located at above address was sent to FCC on April 16, 1997. Also, this measurement facility has been accredited by NVLAP on May 15~16, 1997.

The test was performed in accordance with FCC measurement procedure ANSI C63.4 - 1992.

For system measurement the following Computer and Peripherals were connected to EUT during test.

	Model No.	Serial No.	FCC ID
EUT ( monitor ) :	PE1140	N/A	A3KM080
Computer :	Compaq Deskpro 6000	6805BRM4P242	FCC Logo
Printer :	HP 2225C	3145S02419	DSI6XU2225
Modem :	USRobotics	0002680559278575	CJE-0318
Keyboard :	RT101	E03633125	AQ6-CYPRESSC15
Mouse :	M-S34	LCA54625637	DZL211029
Video Card :	Matrox II AGP	CBC10920	( FCC Logo ) D o C
USB Keyboard :	BTC 7932	030282	E5XKBUCP10410
USB Mouse :	Logitech M-UA34	LTC75100029	DZL211087

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 as attached for detail.

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.	Cal..Date
Spectrum Analyzer	HP 8568B	2928A04640	4/15/98
RF Preselector	HP 85685A	2620A00338	4/15/98
Quasi-Peak Adapter	HP 85650A	2811A03124	4/15/98
Test receiver	R & S ESH3	86094/006	5/12/98
EMI Receiver	R & S ESVS-30	841977/006	5/20/98
LISN	EMCO 2825/2	9311-2153	3/23/98
LISN	EMCO 2825/2	9311-2154	3/23/98
Biconical Antenna	EMCO 3110B	2863	3/10/98
Biconical Antenna	EMCO 3110B	2864	3/10/98
Log Peroidic Ant.	EMCO 3146A	1377	3/10/98
Log Peroidic Ant.	EMCO 3146A	1378	3/10/98
Turn Table	EMCO 1060	1068	4/16/98
Antenna Tower	EMCO 1050	1113	4/16/98
RF Cable	M17/75-RG214--NE	N/A	4/16/98
Computer	HP 9000-300	2614A78610	N/A
Computer	AST AD	93086	N/A
Printer	HP 2225A	2728S02586	N/A
Plotter	HP 7440A	2539A40856	N/A

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

Both conducted and radiated testing were performed according to the procedures 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 polarizations.

First, pre-scan all modes in screen room by following conditions then the worst two modes were tested and reported:

- D-sub(without ferrite core) and BNC (with one ferrite core on D connector end) I/O cables were evaluated.
- Extra USB keyboard and USB mouse were connected to USB Hub.

Unshielded power cord was used during test.

Both 110VAC and 220VAC were checked for conducted emissions test.

The test models as following:

Item	Resolution	Frequency	Report No.
1	1600x1200/85Hz	106.3KHz	EMI98-053
2	1600x1200/75Hz	93.7KHz	EMI98-053A

### Test Program:


Run "SETUP" program to select an appropriate mode according to the instructions on the screen. After the mode is selected then restart the PC and an EMI test program "HTEST.EMI" is used for a basic software to execute the EUT operating under test.

- Step 1. Running the "HTEST.EMI" on personal computer then displaying "H" continuously until full screen.
- Step 2. A complete line of continuously repeating "H" will be printed out from HP 2225C printer.
- Step 3. Personal computer write a file of "H" pattern to floppy disk then read a file of "H" pattern from floppy disk.
- Step 4. Personal computer send a file of "H" pattern to USRobotics modem.
- Step 5. Return to step 1.

All data in this report were "PEAK" value unless otherwise noted. The measured data of radiated RF interference at open site and line conductive interference as the attached. The radiated (open site) data has included antenna and cable factors, sample calculation:

$$\text{Final Value (dBuV/m)} = \text{Reading (dBuV)} + \text{Antenna Factor (dB)} + \text{Cable Loss (dB)}$$

**The test results were comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules.**

  
 Ronnine Yang -- Manager Safety/Dev  
 NVLAP Signatory

FCC TEST REPORT

FCC ID : A3KM080  
REPORT NO.: EMI98-053  
TEST DATE : JUL/18/1998  
TEST ENGL.: 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 : COMPAQ PE1140 COLOR MONITOR S/N.: --  
FCC ID. : A3KM080
2. COMPUTER: COMPAQ DESKPRO 6000 S/N.: 6805BRM4P242  
FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419  
FCC ID. : DS16XU2225
4. MODEM : USROBOTICS 268 S/N.: 0002680559278575  
FCC ID. : CJE-0318
5. MOUSE : M-S34 S/N.: LCA54625637  
FCC ID. : DZL211029
6. KEYBOARD: RT101 S/N.: E03633125  
FCC ID. : AQ6-CYPRESS015
7. VIDEO CARD : MGA MILLENNIUM II S/N.: C8C10920  
FCC ID. : FCC LOGO
8. CD\_ROMD : SONY CDU31A S/N.: --  
FCC ID. : KGACDU31A2
9. USB KEYBOARD: 7932 S/N.: 030282  
FCC ID. : E5XKBUCP10410
10. USB MOUSE: M-UA34 S/N.: LTC75100029  
FCC ID. : DZL211087

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.  
106.3KHz MODE(1600X1200/85Hz) WAS TESTED.  
INTERFACE CABLE WITHOUT FERRITE CORE WAS TESTED.  
UNSHIELDED MAINS CORD WAS USED DURING TEST.  
EXTRA USB KEYBOARD AND MOUSE WERE 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)
117.86	38.28	35.58	43.5
171.86	40.66	38.66	43.5

401.04	33.112	32.912	46
429.68	33.22	AMBIENT	46
515.61	40.628	40.528	46
572.92	34.852	36.752	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)
57.29	35.17	37.27	40
114.58	31.9	35.3	43.5
229.16	37.78	37.48	46
286.46	40.7	38.6	46
458.33	38.192	41.492	46
630.2	38.2	39.7	46
687.49	37.888	37.988	46
744.78	42.56	40.86	46
802.08	42.732	41.232	46
859.36	40.816	41.216	46
916.66	37.868	37.368	46
973.95	39.184	40.084	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)

# 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 NVLAP 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, NVLAP SIGNATORY

C.C.Wu

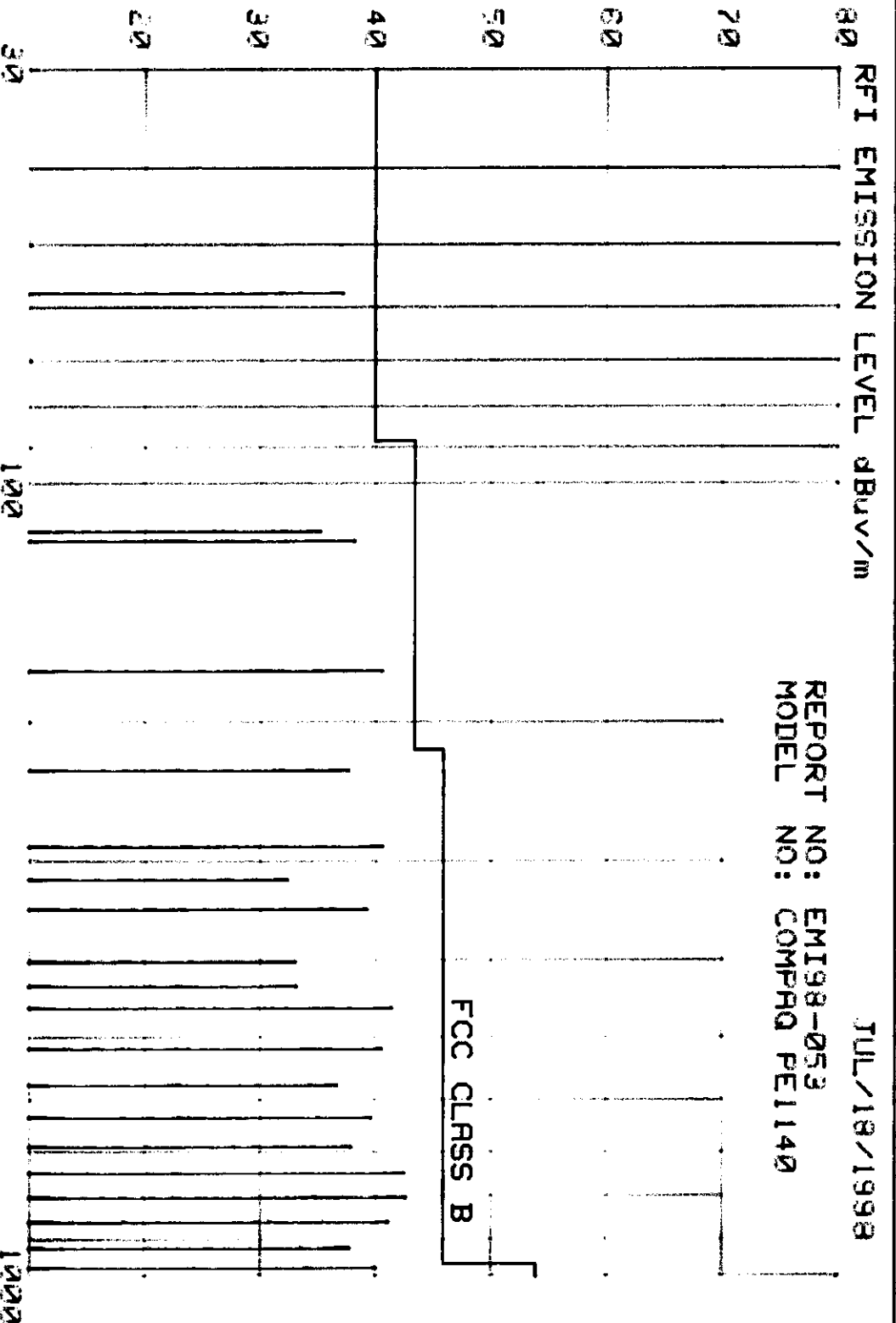
RFI EMISSION LEVEL dBuV/m

JUL/18/1998

REPORT NO: EM198-053  
MODEL NO: COMPAQ PE1140

FCC CLASS B

FREQUENCY MHz

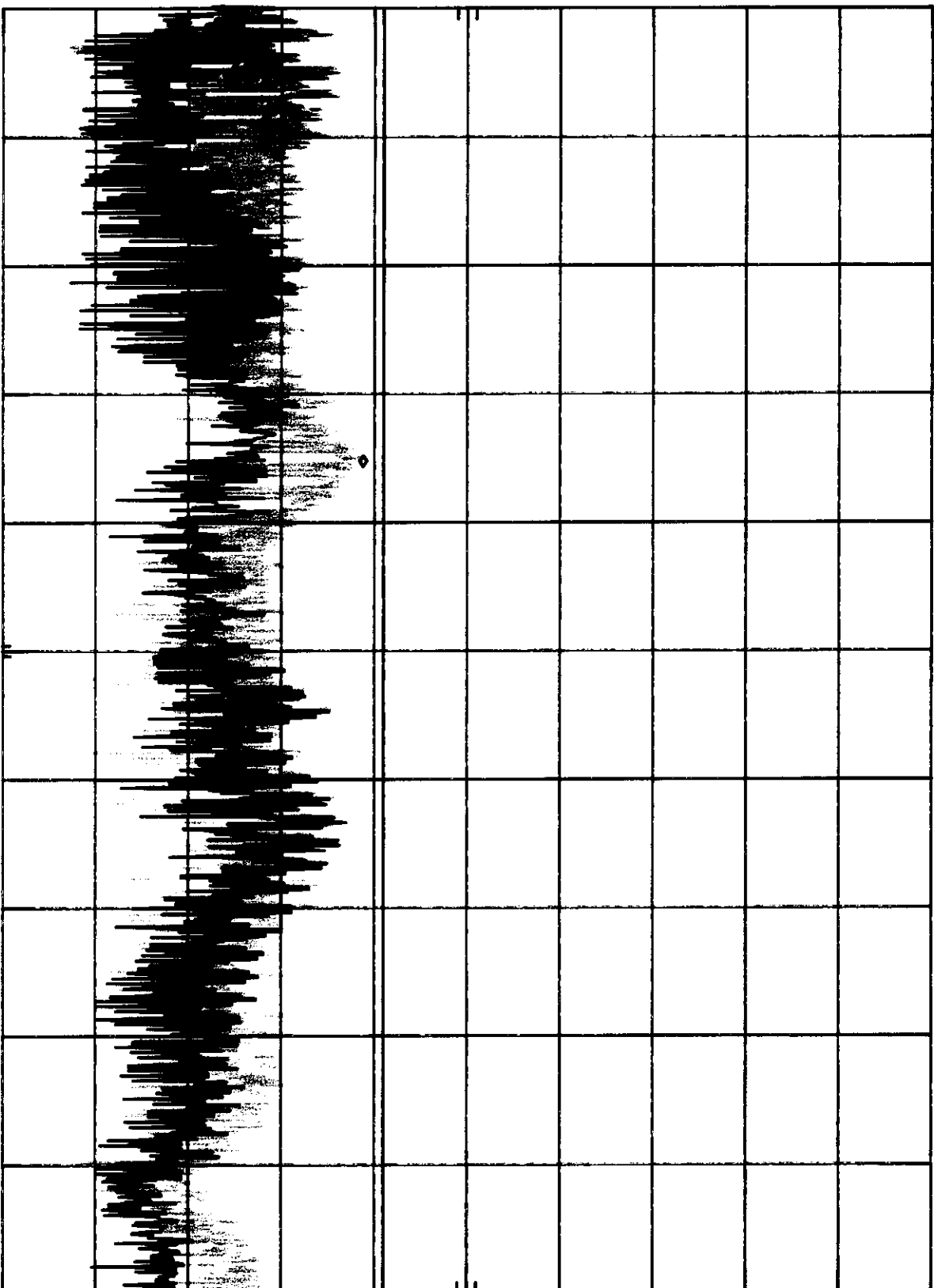


hp

A3KM080 1600X1200/85HZ 106.3KHZ 220VAC MKR 10.85 MHZ  
REF 107.0 dBμV ATTEN 10 dB 45.80 dBμV

10 dB/

DL  
48.0  
dBμV



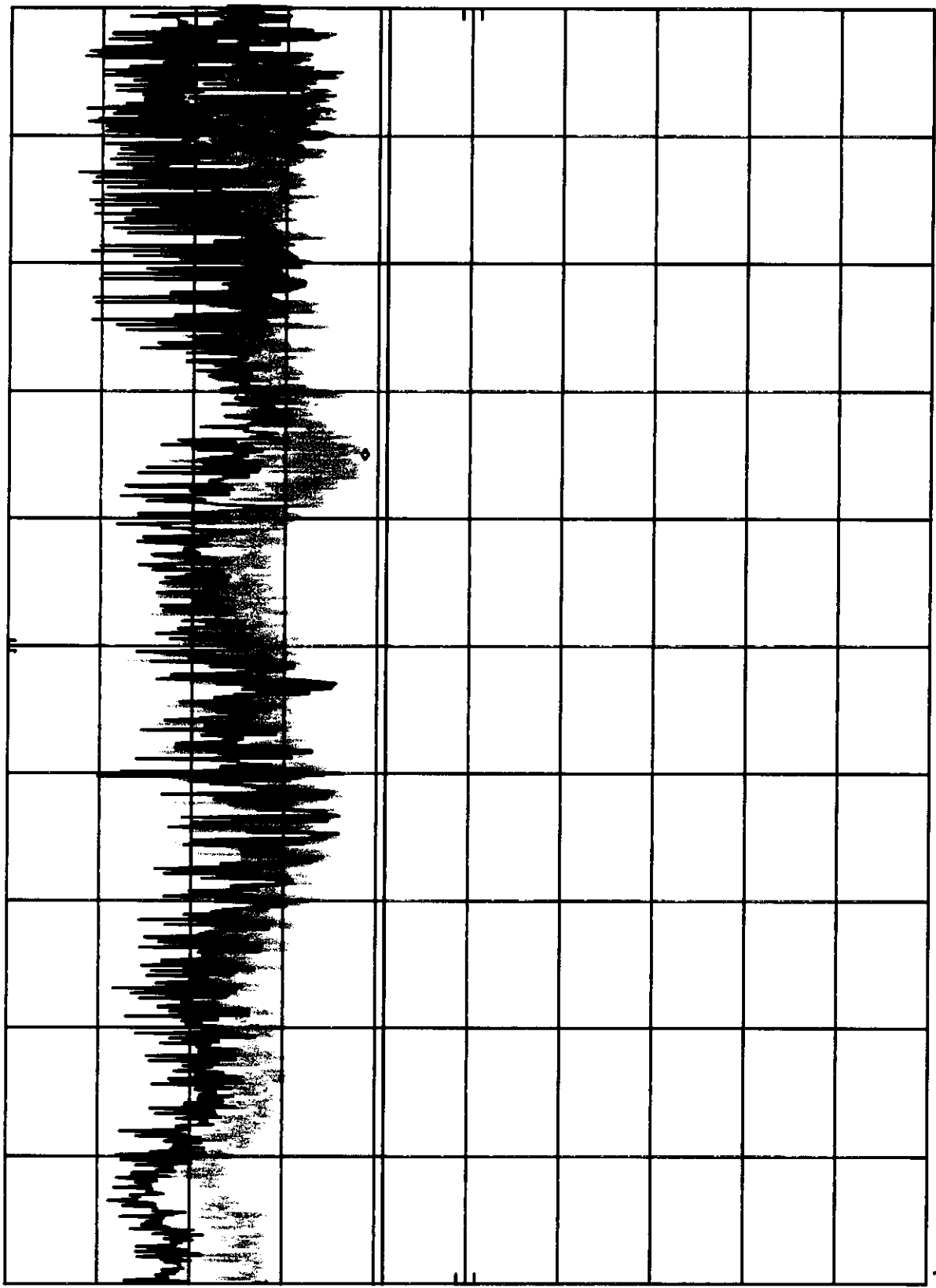
START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ  
SWP 750 msec



h  
A3KM080 1600x1200/05Hz 106.3KHz 110VAC MKR 10.76 MHz  
REF 107.0 dBμV ATTEN 10 dB 45.60 dBμV

10 dB/

DL  
48.0  
dBμV



START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz  
SWP 750 msec

FCC TEST REPORT

FCC ID : A3KM080  
REPORT NO.: EMI98-053A  
TEST DATE : JUL/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 : COMPAQ PE1140 COLOR MONITOR S/N.: --  
FCC ID. : A3KM080
2. COMPUTER: COMPAQ DESKPRO 6000 S/N.: 6805BRM4P242  
FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419  
FCC ID. : DS16XU2225
4. MODEM : USROBOTICS 268 S/N.: 0002680559278575  
FCC ID. : CJE-0318
5. MOUSE : M-S34 S/N.: LCA54625637  
FCC ID. : DZL211029
6. KEYBOARD: RT101 S/N.: E03633125  
FCC ID. : AQ6-CYPRESSC15
7. VIDEO CARD : MGA MILLENNIUM II S/N.: CBC10920  
FCC ID. : FCC LOGO
8. CD\_ROMD : SONY CDU31A S/N.: --  
FCC ID. : KGACDU31A2
9. USB KEYBOARD: 7932 S/N.: 030282  
FCC ID. : ESXKBUCPI0410
10. USB MOUSE: M-UA34 S/N.: LTC75100029  
FCC ID. : DZL211087

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.  
93.7KHz MODE(1600X1200/75Hz) WAS TESTED.  
INTERFACE CABLE WITHOUT FERRITE CORE WAS TESTED.  
UNSHIELDED MAINS CORD WAS USED DURING TEST.  
EXTRA USB KEYBOARD AND MOUSE WERE 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)
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455.33	36.22	38.22	46
505.92	AMBIENT	34.848	46
565.51	38.084	37.584	46
607.1	35.024	36.024	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)
50.59	34.01	37.71	40
151.77	37.6	37.5	43.5
202.37	33.6	34.2	43.5
657.69	36.344	37.344	46
708.29	35.968	39.668	46
758.88	39.744	41.444	46
809.47	43.044	40.744	46
860.06	40.94	42.84	46
961.25	38.176	38.476	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)

# 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 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

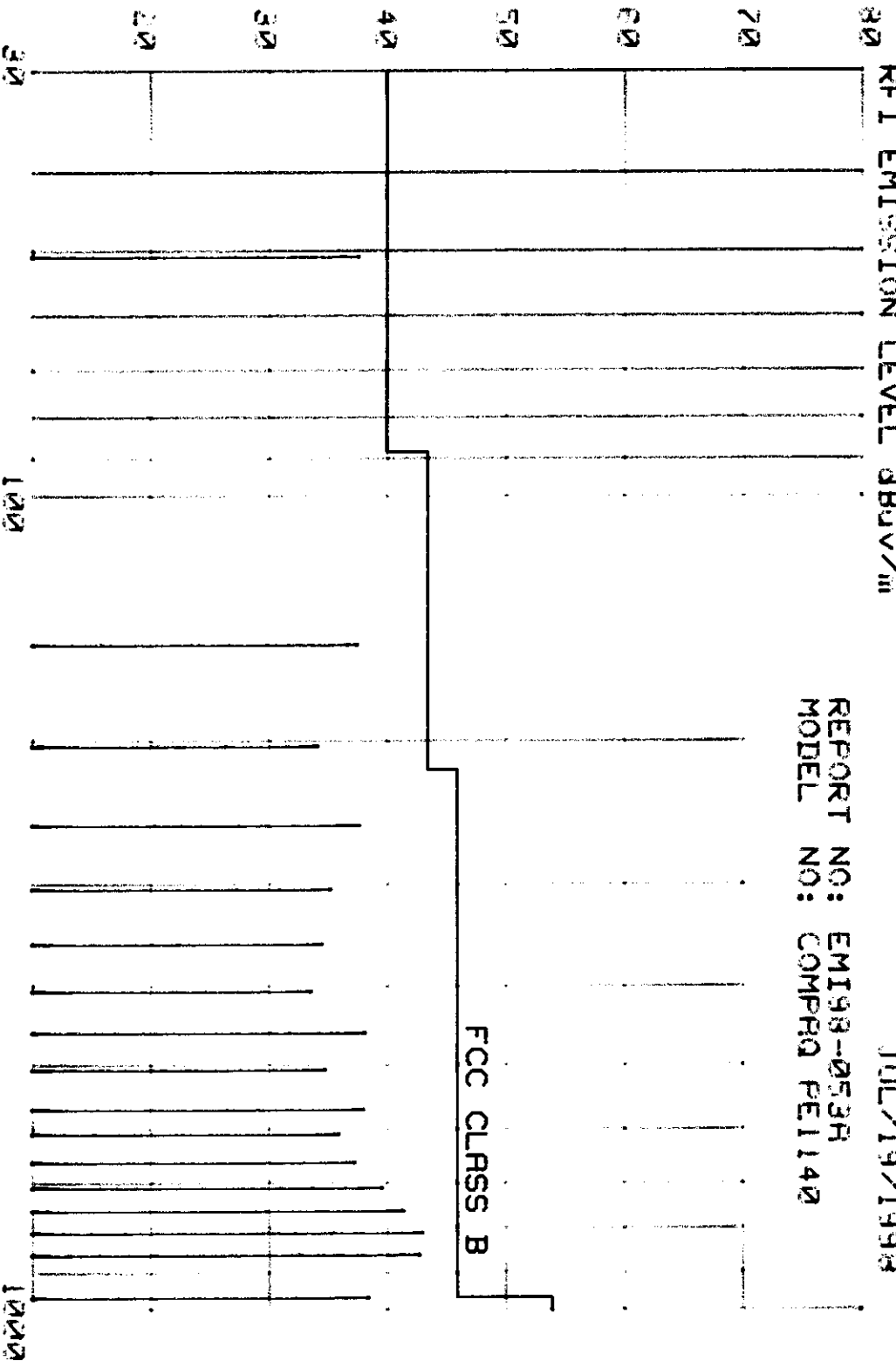
RFI EMISSION LEVEL dBuV/m

JUL/19/1998

REPORT NO: EM198-053H  
MODEL NO: COMPRA FE1142

FCC CLASS B

FREQUENCY MHz

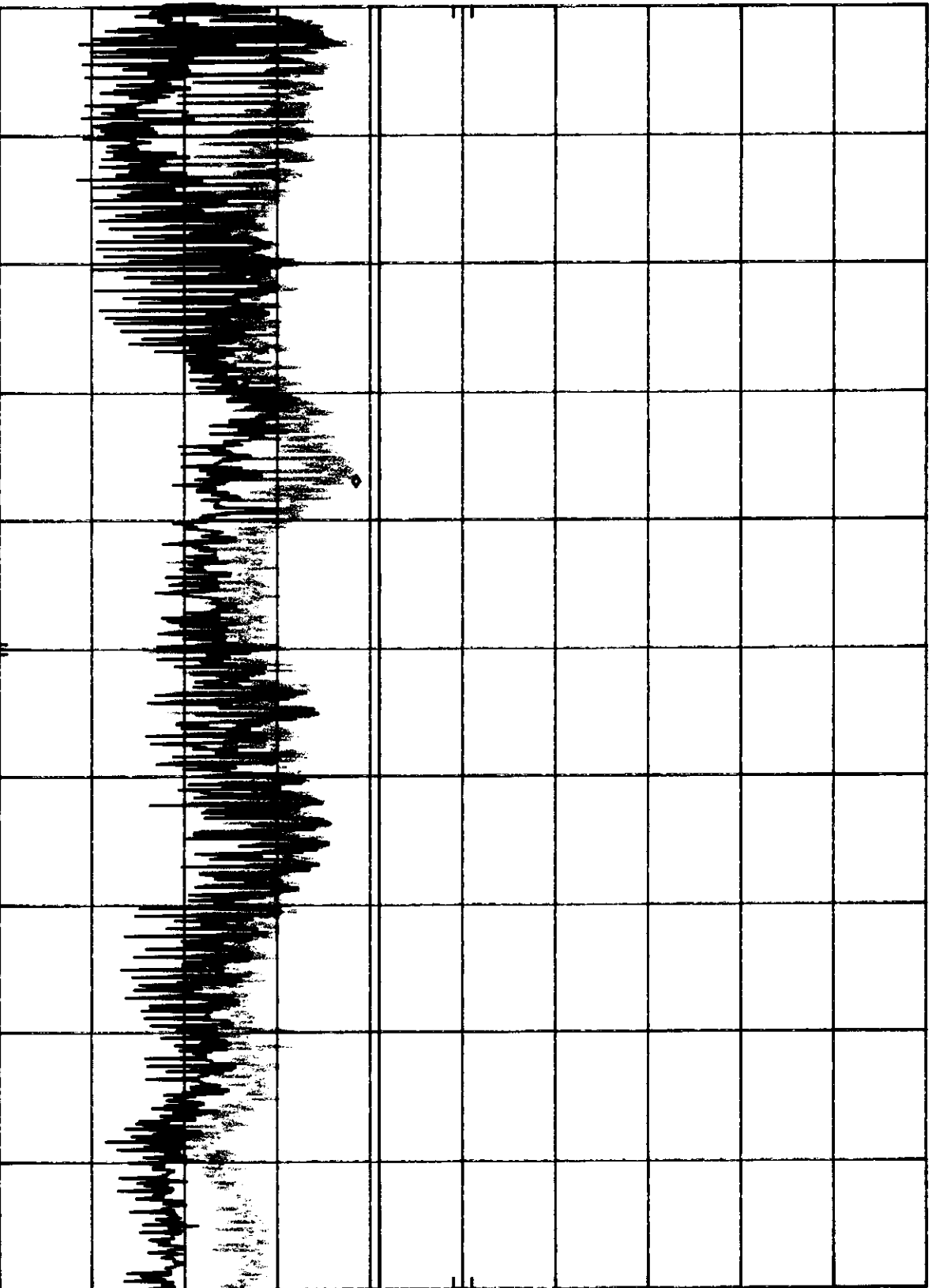


hp

A3KM080 1600X1200/75HZ 93.7KHZ 110VAC MKR 11.35 MHZ  
REF 107.0 DBμV ATEN 10 dB 45.50 DBμV

10 dB/

DL  
48.0  
DBμV

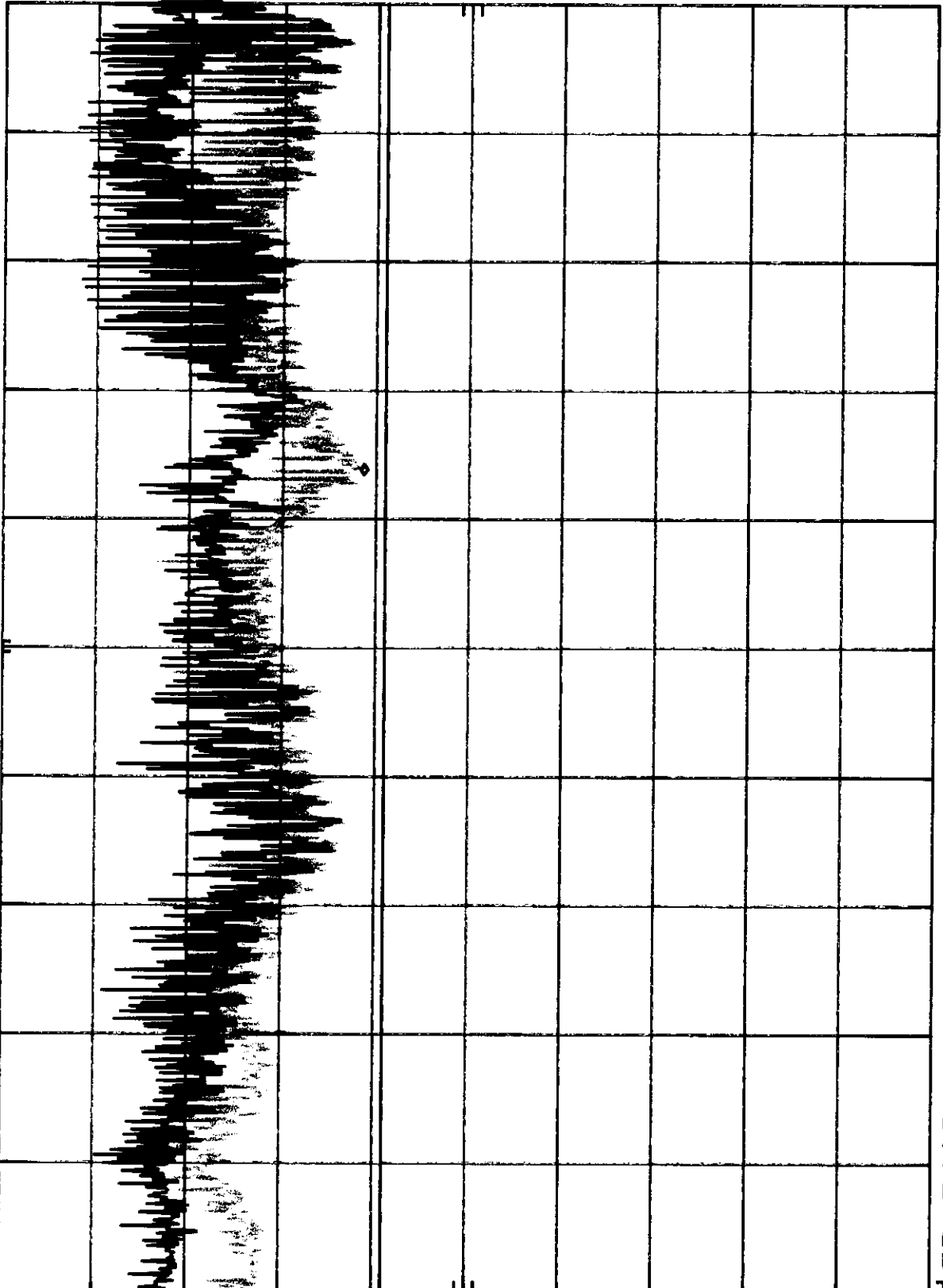


START 450 KHZ STOP 30.00 MHZ  
RES BW 10 KHZ VBW 10 KHZ SWP 750 msec

A3KM080 1600X1200/75HZ 93.7KHZ 220VAC MKR 11.12 MHZ  
hP REF 107.0 dBμV ATTEN 10 dB 45.70 dBμV

10 dB/

DL  
48.0  
dBμV



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

## **Exhibit 5**

### **Test Data of Original**

# FCC TEST REPORT

FCC ID : A3KM080  
 REPORT NO.: EM197-105  
 TEST DATE : DEC/03/1997  
 TEST ENGI.: C.C.Wu

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

MANUFACTURER : PEI-CEC  
 TESTED SYSTEM:

1. CRT : C1A582BH COLOR MONITOR S/N.: --  
 FCC ID. : A3KM080
2. COMPUTER: HP Pavilion 9160 DS251A S/N.: C674652947  
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419  
 FCC ID. : DS16XU2225
4. MODEM : HAYES 07-00038 S/N.: A29500153956  
 FCC ID. : BFJ9D907-00038
5. MOUSE : HP M-S34 S/N.: C0A54603537  
 FCC ID. : DZL210472
6. KE-BO-PC: HP 5182-5521 S/N.: B03933-1081  
 FCC ID. : C1GE03633
7. VIDEO CARD : ELSA WINNER 3000L S/N.: 020031001130  
 FCC ID. : KJ6W3000L
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 406Hz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.  
 112.5KHz MODE(1600X1200/90Hz) WAS TESTED.  
 INTERFACE CABLE WITH TWO FERRITE CORES WAS TESTED.  
 UNSHIELDED MAINS CORD WAS USED DURING TEST.  
 EXTRA 4 USB I/O CABLES AND DUMMY LOAD 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)
114.11	37.00	37.00	40.5
113.07	36.82	36.82	40
108.01	36.1	36.1	40
107.89	36.16	36.95	40



322.67	35.492	36.892	46
336	33.964	33.364	46
347.5	35.152	36.752	46
384	35.624	35.624	46
422.02	35.664	37.064	46
446.79	33.808	36.528	46
471.62	35.028	37.528	46
486.46	35.672	38.672	46
546.13	35.884	39.284	46
570.9	35.924	39.304	46
595.73	35.152	37.452	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 PULSE & SLOWED SWI TEST PULSE SW  
20 - 1000MHz ESUS 30 :

RADIATED RF LEVEL      QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
36.01	35.74	35.55	46
70.66	34.74	34.14	46
45.65	35.74	35.55	46
48.52	35.74	35.55	46
60.01	35.74	35.55	46
74.42	35.74	35.55	46
173.79	35.74	35.55	46
198.54	35.74	35.55	46
223.4	35.74	35.55	46
248.23	35.74	35.55	46
372.34	35.74	35.55	46
397.18	35.74	35.55	46
521.3	35.74	35.55	46
645.41	35.74	35.55	46
670.24	35.74	35.55	46
694.99	35.74	35.55	46
769.52	35.74	35.55	46
794.35	35.74	35.55	46

THE SPECTRUM WAS SCANNED FROM 20 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.

TEST DISTANCE BETWEEN DRIVING (TX) 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 OR OBTAIN ENDORSEMENT OR CERTIFICATION AND NOT BE USED FOR ANY OTHER PURPOSE.

THE TEST RESULT HAS PASSED FCC CLASS B LIMIT.

CHECKED BY:

K. J. H.

TESTED BY:

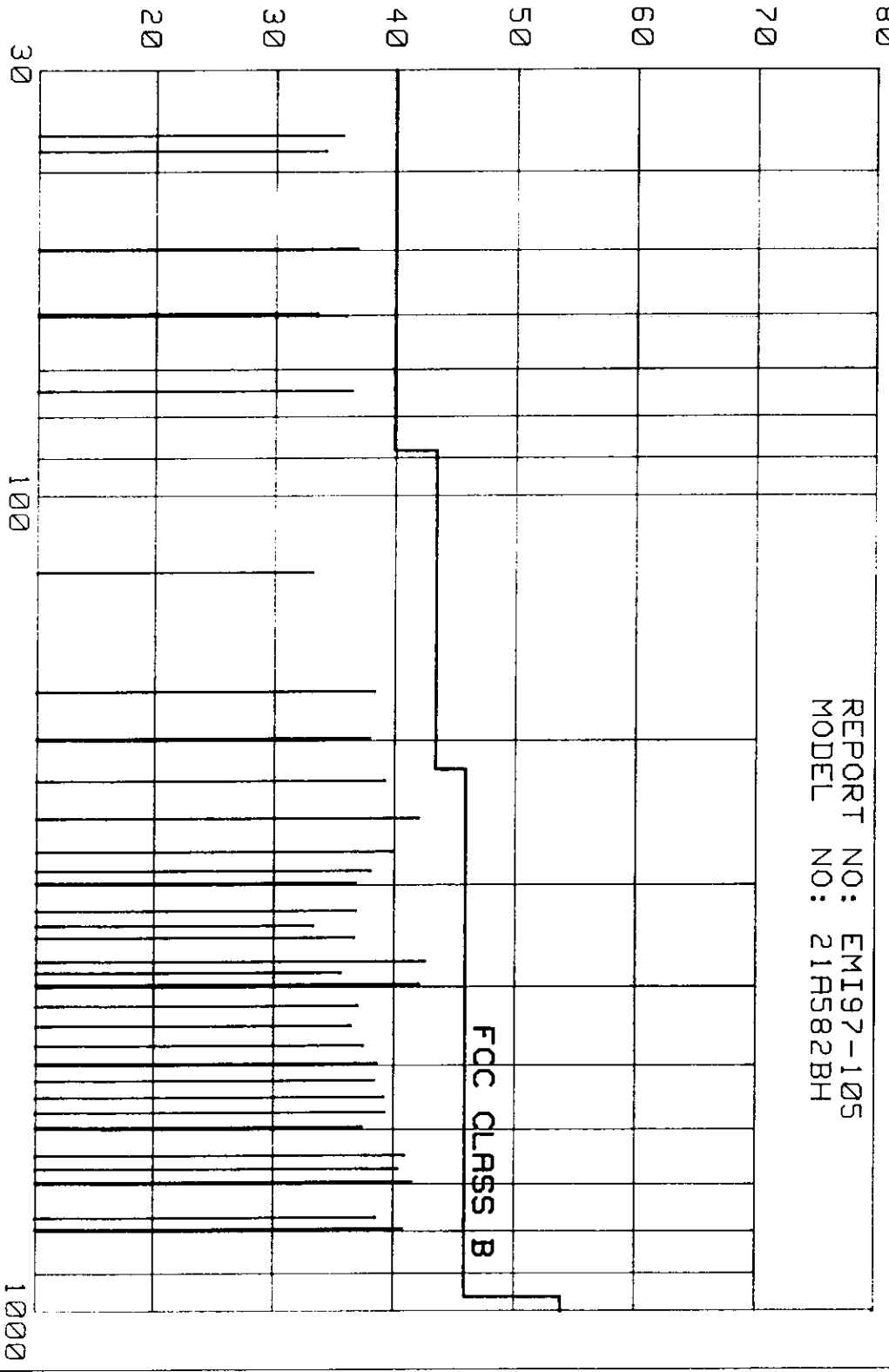
J. M. H.

RFI EMISSION LEVEL dBuV/m

DEC/03/1997

REPORT NO: EMI97-105  
MODEL NO: 21A582BH

FCC CLASS B

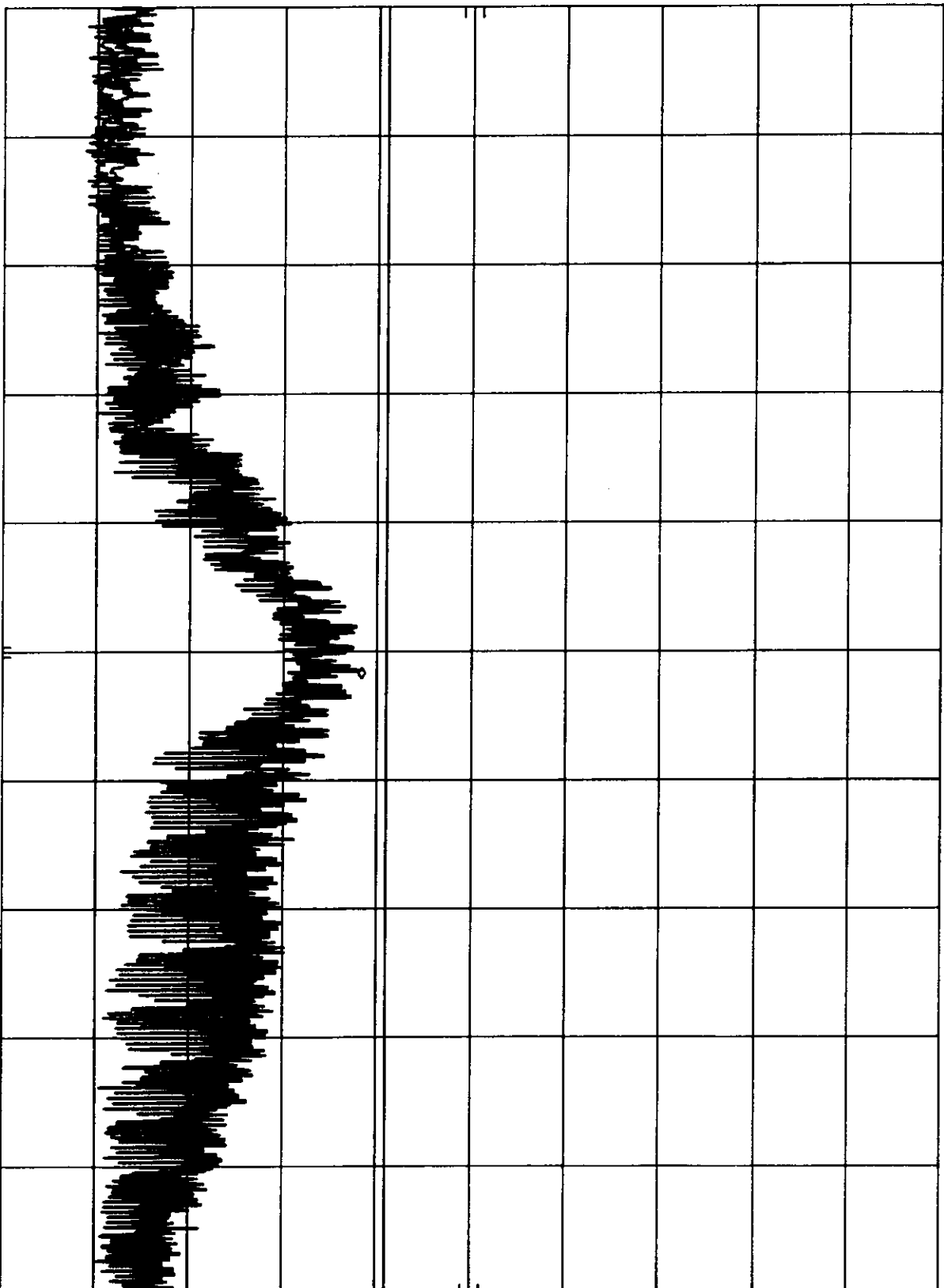


FREQUENCY MHZ

A3KM080 RUN 1600X1200/90HZ 112.5KHZ AC110V MKR 15.70 MHZ  
REF 107.0 DBμV ATTEN 10 DB 45.30 DBμV

HP  
10 DB/

DL  
48.0  
DBμV



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

A3KM080 RUN 1600X1200/90Hz 112.5NHz AC220V MKR 15.25 MHz  
REF 107.0 dBμV ATTEN 10 dB 44.20 dBμV

10 dB/

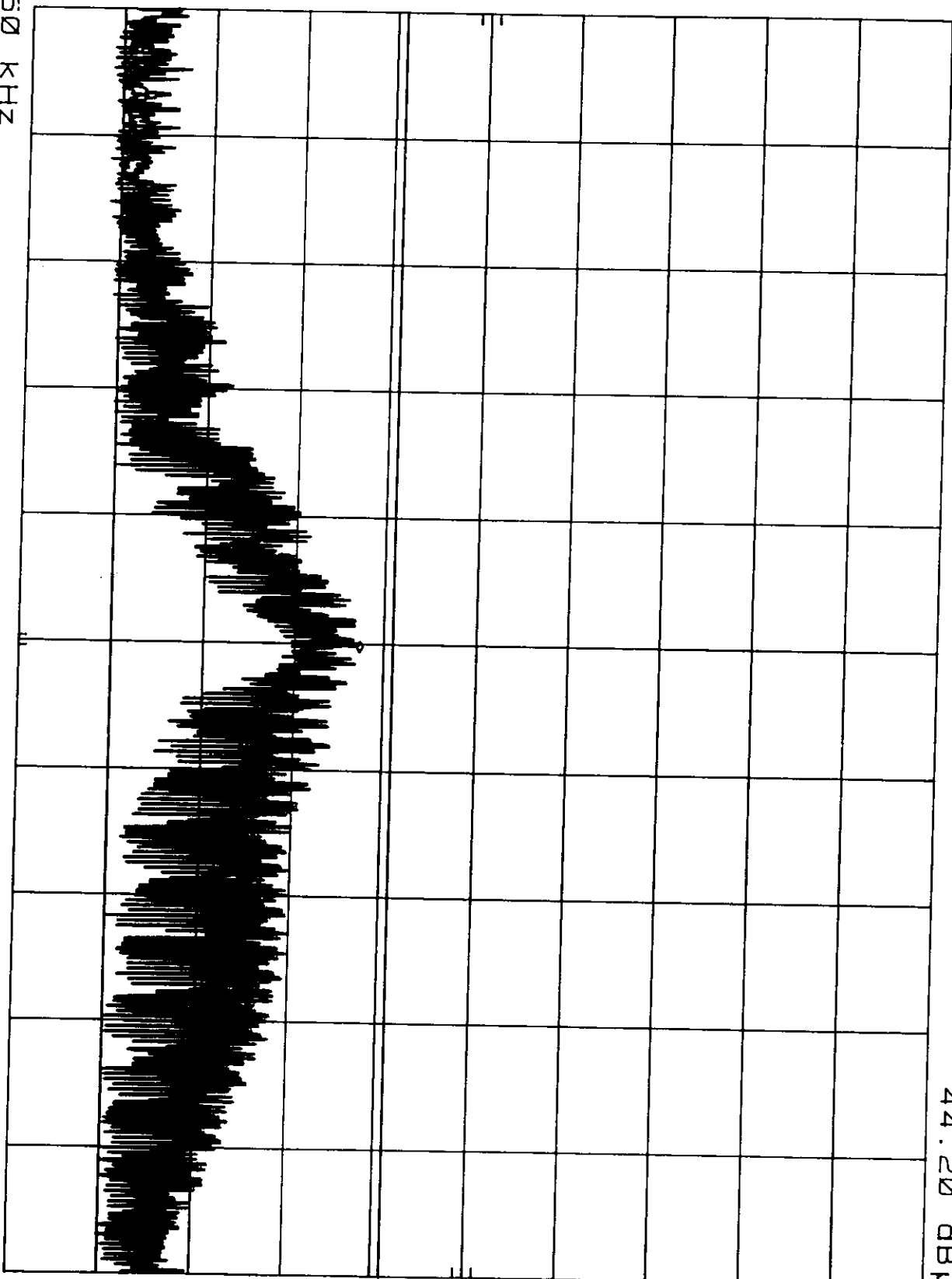
DL  
48.0  
dBμV

START 450 KHz

RES BW 10 KHz

VBW 10 KHz

STOP 30.00 MHz  
SWP 750 msec



# FCC TEST REPORT

FCC ID : A3KM080  
 REPORT NO.: EMI97-105A  
 TEST DATE : DEC/06/1997  
 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 (0)4549862 FAX: +886 (0)4549807

MANUFACTURER : PEI-CED  
 TESTED SYSTEM:

1. EUT : C1A52CBH COLOR MONITOR S/N.: --  
 FCC ID.: A3KM080
2. COMPUTER: HP Pavilion 8160 D5251A S/N.: US74652947  
 FCC ID.: FCC L060
3. PRINTER : HP 2125C S/N.: 3145502419  
 FCC ID.: 3145-01225
4. MODEM : HXG-001-00038 S/N.: AC39001ES366  
 FCC ID.: 3145-00038
5. MOUSE : HP M-134 S/N.: CQ454635637  
 FCC ID.: 3145-0470
6. KEYBOARD: HP S132-5521 S/N.: E03633H136-0  
 FCC ID.: 3145-03633
7. VIDEO CARD : ELGA WINNER 3000L S/N.: 313004001190  
 FCC ID.: KJ6W3000L
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.  
 106.3KHz MODE(1600X1200/85Hz) WAS TESTED.  
 INTERFACE CABLE WITH TWO FERRITE CORES WAS TESTED.  
 UNSHIELDED MAINS CORD WAS USED DURING TEST.  
 EXTRA 4 USB I/O CABLES AND DUMMY LOAD 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)	VERTICAL (dBuV)	FCC CLASS B LIMIT (dBuV)
70.00	26.26	33.26	40
162.38	31.46	32.16	43.5
255.24	35.95	36.65	46
278.4	34.92	AMBIENT	46

301.62	31.408	35.008	46
324.79	31.5	33.6	46
347.99	32.752	36.252	46
417.6	37.316	37.016	46
440.8	33.384	35.084	46
464	34.036	38.736	46
487.2	34.184	37.884	46
510.39	36.38	36.88	46
556.82	37.368	37.068	46
580.02	34.66	35.66	46
603.21	34.096	36.596	46
696	38.704	39.904	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 EBUS 30 :

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
30.01	27.81	29.60	40
37.65	25.31	31.38	40
46.39	20.21	35.81	40
48.01	AMBIENT	34.92	40
59.71	26.8	34	40
60.01	27.3	35.2	40
69.62	31.6	33.2	40
116.01	32.46	36.26	43.5
185.63	38.94	33.84	43.5
208.81	37	AMBIENT	43.5
232	40	42.2	46
371.22	35.9	39.4	46
394.38	38.364	42.564	46
533.62	38.636	36.036	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 LOSS + 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 NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT MAY EXCEED CLASS B LIMIT.

CHECKED BY:

K. J. HSU

TESTED BY:

J. H. Hsu

K. J. HSU, NVLAP SIGNATORY

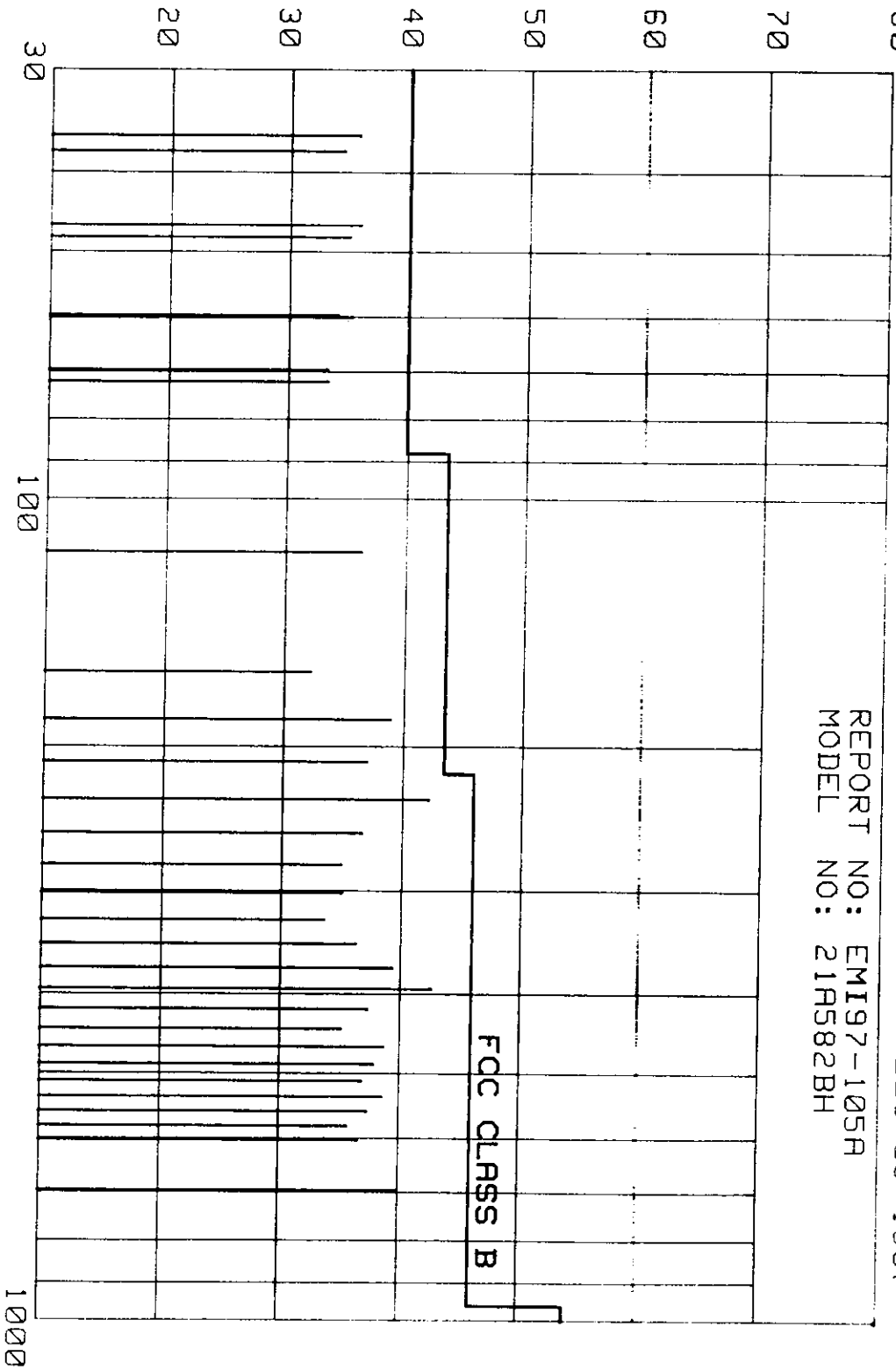
T.O. WU

RFI EMISSION LEVEL dBuV/m

DEC/06/1997

REPORT NO: EM197-105A  
MODEL NO: 21A582BH

FCC CLASS B

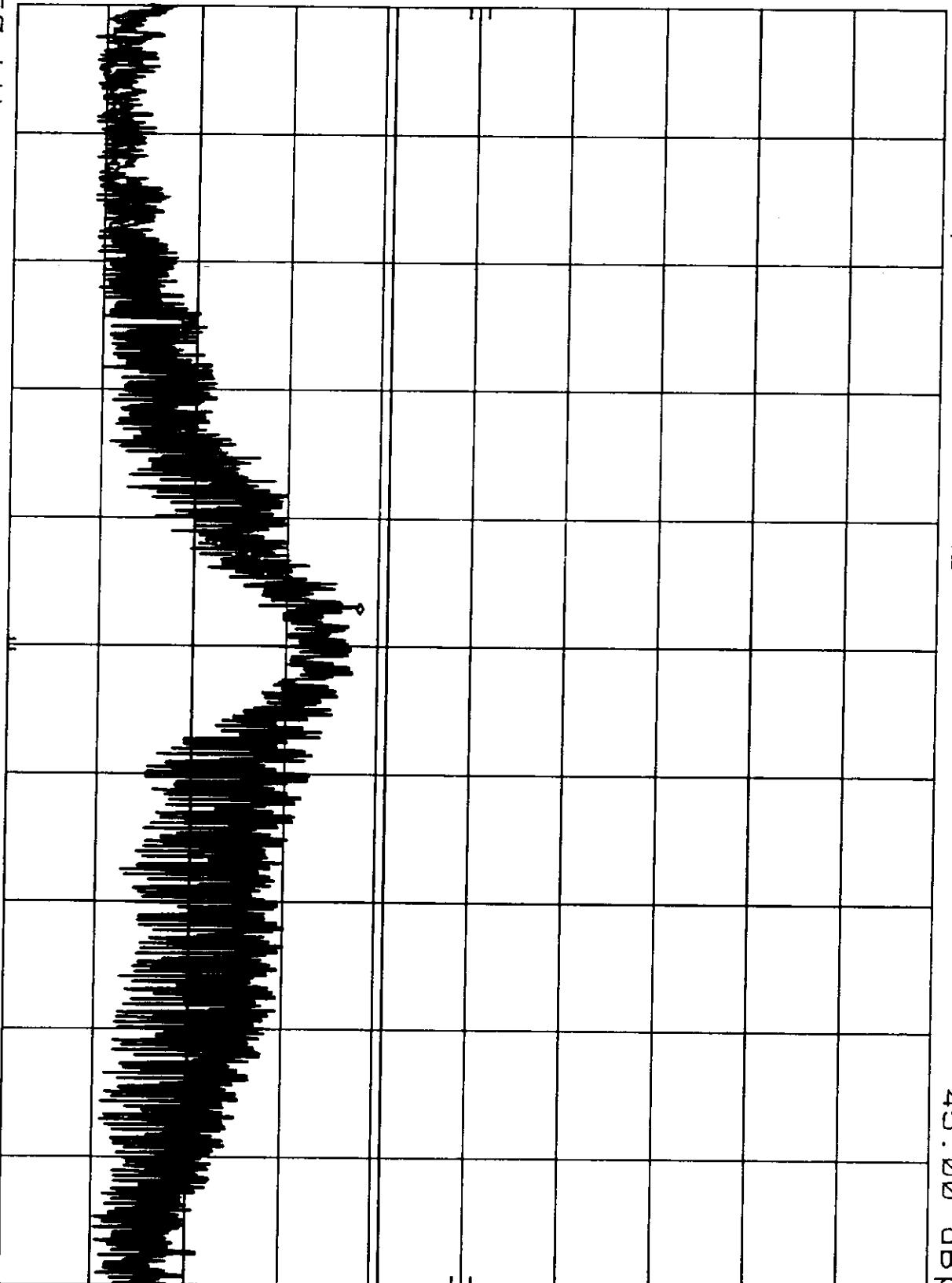


FREQUENCY MHz

A3KM080 RUN 1600X1200/85Hz 106.3KHz AC110VK MKR 14.34 MHz  
REF 107.0 dBμV ATTEN 10 dB 45.00 dBμV

h  
10 dB/

DL  
48.0  
dBμV



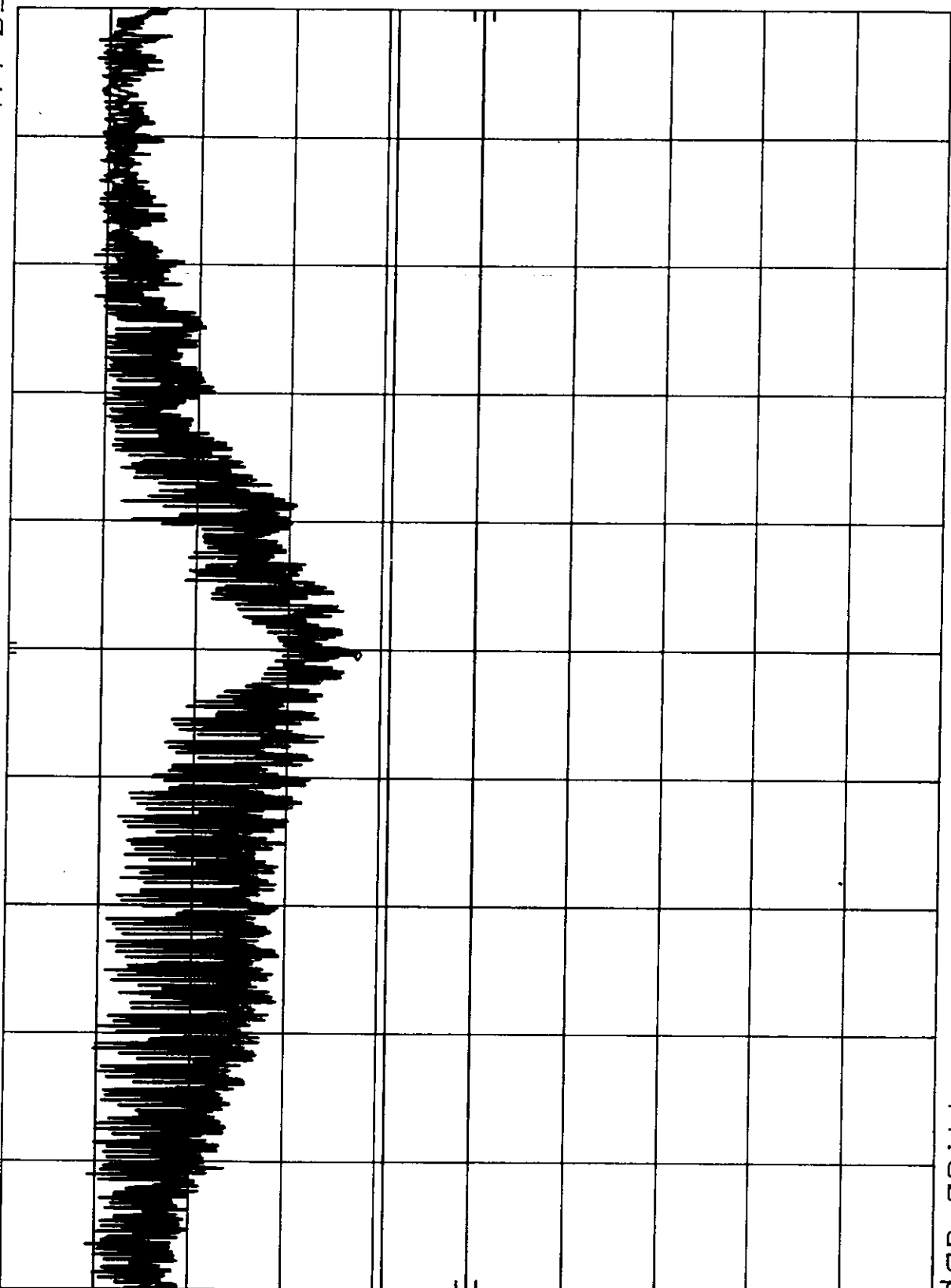
START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz  
SWP 750 msec



A3KM080 RUN 1600X1200/85HZ 106.3KHZ AC220V MKR 15.31 MHZ  
REF 107.0 dBμV ATTEN 10 DB 44.50 dBμV

10 DB/

DL  
48.0  
dBμV



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

# FCC TEST REPORT

FCC ID : A3KM080  
 REPORT NO.: EMI97-1058  
 TEST DATE : DEC./08/1997  
 TEST ENGI.: C.C.WU

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

MANUFACTURER : PEI-CE  
 TESTED SYSTEM:

1. EUT : 21A5828H COLOR MONITOR S/N.: --  
 FCC ID. : A3KM080
2. COMPUTER: HP Pavilion 8160 D5251A S/N.: 0574E52847  
 FCC ID. : FCC LOGO
3. PRINTER : HP 1229L S/N.: 3145E02419  
 FCC ID. : 0516X1229S
4. MODEM : HAYES 27-00039 S/N.: 419900153355  
 FCC ID. : SF190907-00039
5. MOUSE : HP M-124 S/N.: LCH54625637  
 FCC ID. : 02L210472
6. KEYBOARD: HP 5192-8521 S/N.: E03633HLUP-C  
 FCC ID. : C16E03633
7. VIDEO CARD : ELSA WINNER 3000L S/N.: 023004001190  
 FCC ID. : KJ6W3000L
8. CD-ROM : 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 30Hz TO 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.  
 112.5KHz MODE(1500X1200/90Hz) WAS TESTED.  
 S.N.C. I/O CABLE WITH ONE FERRITE CORE WAS USED.  
 UNSHIELDED MAINS CORD WAS USED DURING TEST.  
 EXTRA 4 USB I/O CABLES AND DUMMY LOAD WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

## RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	MEASURED (dBuV/m)	10% BAND (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
104.11	29.82	31.82	43.5
273.07	36.82	AMBIENT	46
322.6"	33.092	33.892	46
336	32.864	31.554	46

347.5	32.352	35.852	46
384	33.024	34.824	46
422.02	35.664	39.364	46
446.79	33.928	36.028	46
471.62	34.228	35.828	46
496.46	35.072	36.172	46
521.29	35.068	35.468	46
546.13	37.084	35.984	46
570.93	35.504	34.804	46
595.73	34.952	36.752	46
645.39	39.7	37.8	46
670.24	37.76	36.76	46
694.99	40.08	39.28	46

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

RES : 100KHz

VBW : 100KHz

# QUASI-PEAK READINGS ARE TAKEN WITH RORDE & SCHWARTZ 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)
38	33.06	36.56	40
37.33	28.92	35.62	40
49.69	32.9	36	40
59.63	27.1	36.5	40
60	27.5	36	40
74.42	35.32	36.42	40
198.54	39.99	34.89	43.5
223.4	32.56	36.56	46
248.23	41.92	42.12	46
372.34	40.9	42.1	46
397.18	36.192	41.192	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)

# 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 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*

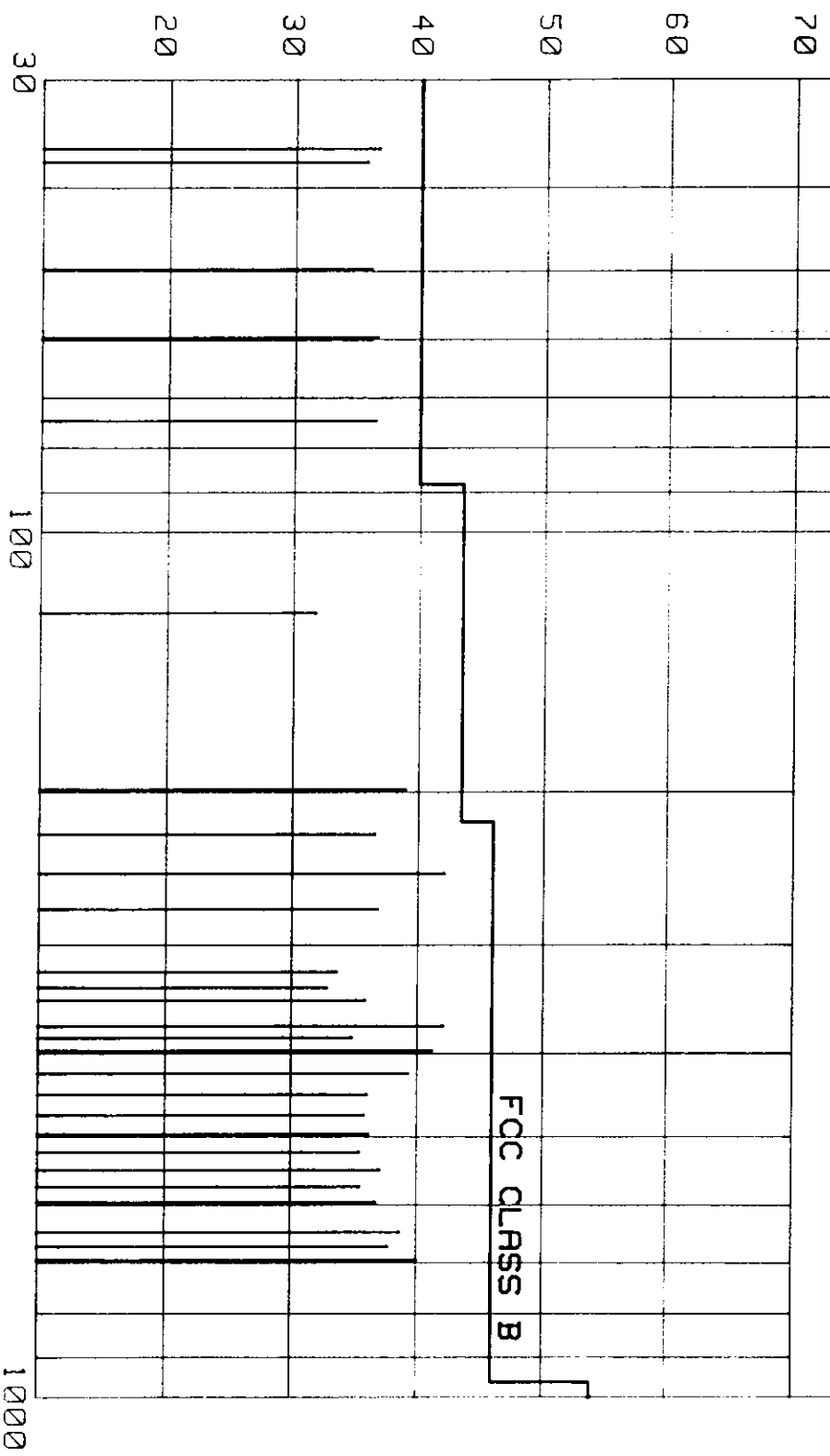
C.C.WU

RFI EMISSION LEVEL dBuV/m

DEC./08/1997

REPORT NO: EM197-105B  
MODEL NO: 21R582BH

FCC CLASS B

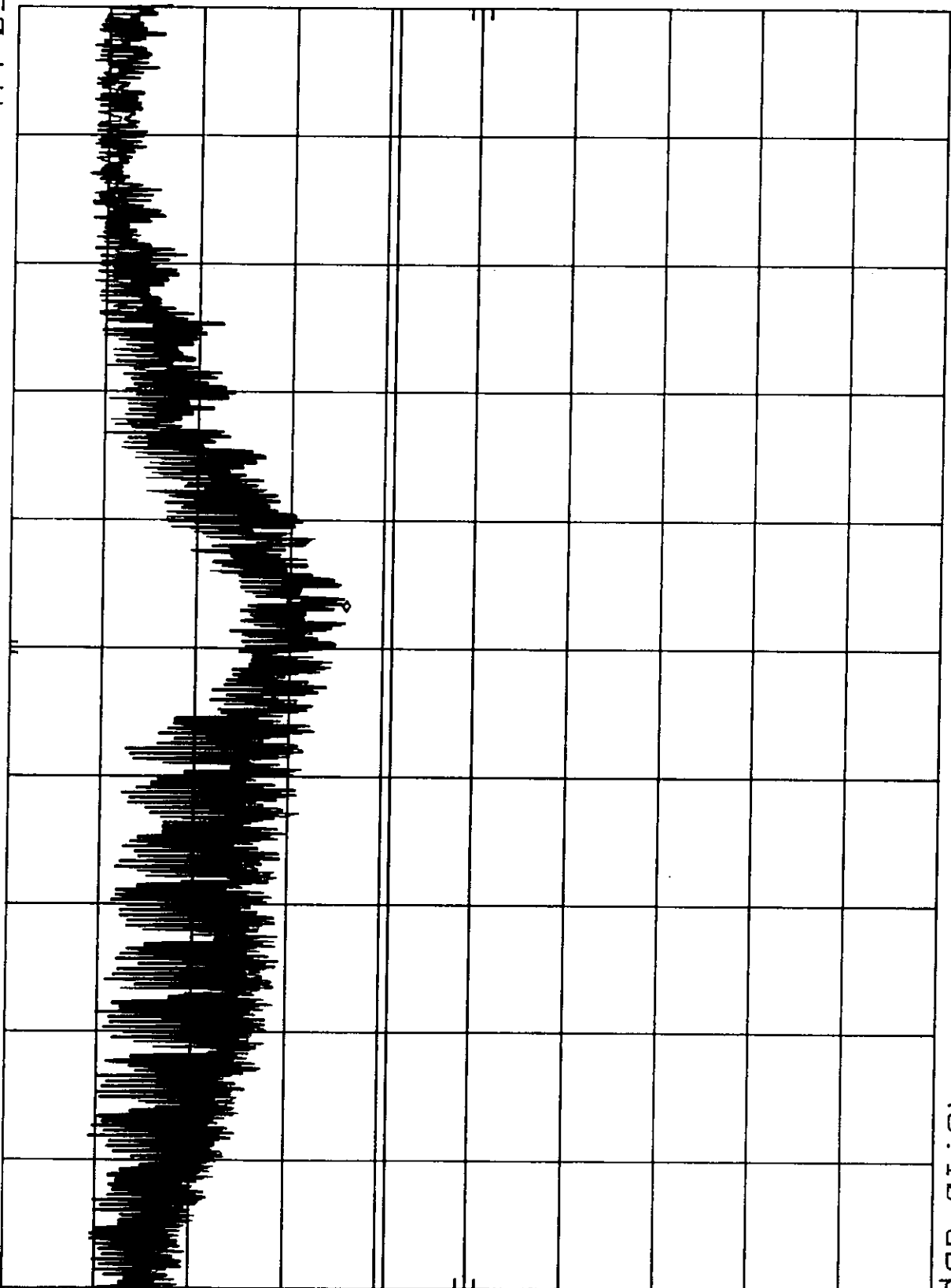


FREQUENCY MHz

A3KM080 112.5KHZ W/B.N.C I/F CABLE AC110V MKR 14.22 MHZ  
h<sub>p</sub> REF 107.0 DBμV ATTEN 10 DB 43.10 DBμV

10 DB/

DL  
48.0  
DBμV



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

A3KM080 112.5KHZ W/B.N.C I/F CABLE AC220V MKR 14.22 MHZ  
REF 107.0 DBμV ATTEN 10 DB 42.50 DBμV

10 DB/

DL  
48.0  
DBμV

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

