Exhibit 5

Test Data of Original

FCC ID : A3KM085
REPORT NO.: EMI98-077
TEST DATE : OCT/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
CHUNGLI, TAOYUAN, TAIWAN, R.O.C.
TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED
TESTED SYSTEM:

1. EUT : 19B2502H COLOR MONITOR S/N.: TY9804077
   FCC ID. : A3KM085
2. COMPUTER: COMPAQ DESKPRO DP6000 S/N.: 7751BSD40011
   FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419
   FCC ID. : DSI6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575
   FCC ID. : CJE-0318
5. MOUSE : COMPAQ M-S34 S/N.: 1411189401
   FCC ID. : DZL211029
6. KEYBOARD: COMPAQ RT101 S/N.: 17271
   FCC ID. : AQ6-CYPRESSC15
7. VIDEO CARD : MGA II AGP S/N.: 007449
   FCC ID. : FCC LOGO
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.
93.8KHz MODE(1600X1200/75Hz) WAS TESTED.
INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
UNSHIELDED MAINS CORD WAS USED DURING TEST.
ONE UPSTREAM USB CABLE WAS CONNECTED TO COMPUTER

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)
50.7	27.91	31.41	40
54.6	25.95	31.05	40
84.5	32.85	32.75	40
135.2	30.35	AMBIENT	43.5
152.1	30.1	29.9	43.5
168.01	31.04	32.84	43.5
185.9	28.64	29.34	43.5
287.3	38.65	36.55	46

304.2	33.016	30.416	46
312.01	35.248	35.548	46
321.1	38.184	36.084	46
336.01	34.664	35.564	46
338	35.712	36.912	46
360.01	36.9	37	46
371.8	35.4	35	46
384.01	36.924	39.424	46
388.7	35.904	36.104	46
408.01	34.396	38.296	46
422.5	36.476	37.176	46
473.2	34.152	36.952	46
523.9	36.092	36.292	46
540.8	36.464	36.664	46
552.01	38.548	39.248	46
557.7	38.792	39.592	46
591.5	38.404	36.404	46
642	37.28	37.18	46
659.1	37.312	38.112	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

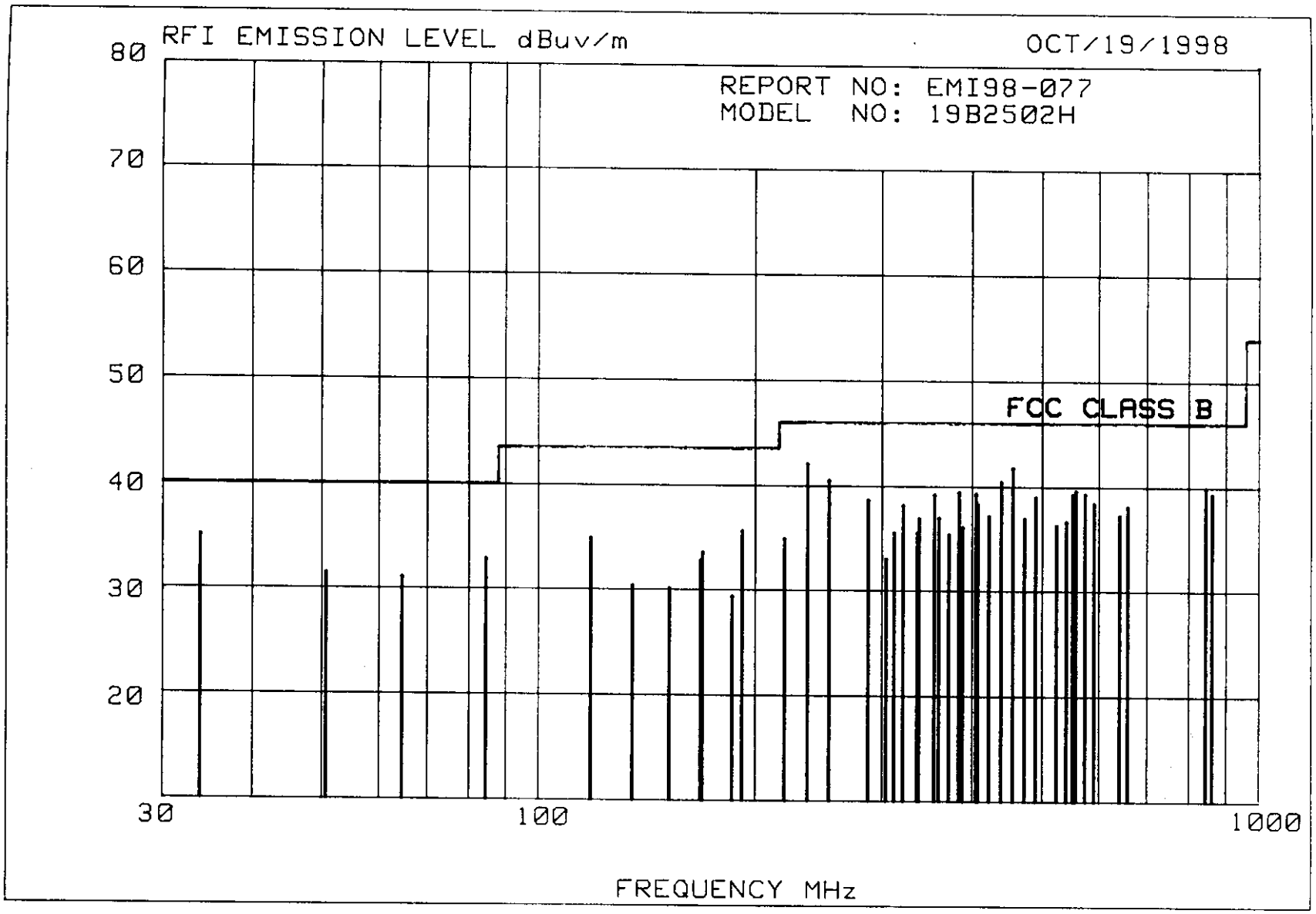
FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
33.8	28.04	35.04	40
118.3	34.88	33.38	43.5
169	33.57	31.87	43.5
192.01	AMBIENT	35.62	43.5
219.7	32.7	34.9	46
236.6	42.05	40.15	46
253.5	40.5	38.3	46
354.9	39.2	37.9	46
405.6	36.672	39.272	46
439.4	38.836	40.436	46
456.3	40.144	41.744	46
490.19	37.38	38.98	46
574.6	39.3	39.1	46
845	39.92	39.42	46
861.9	38.288	38.188	46

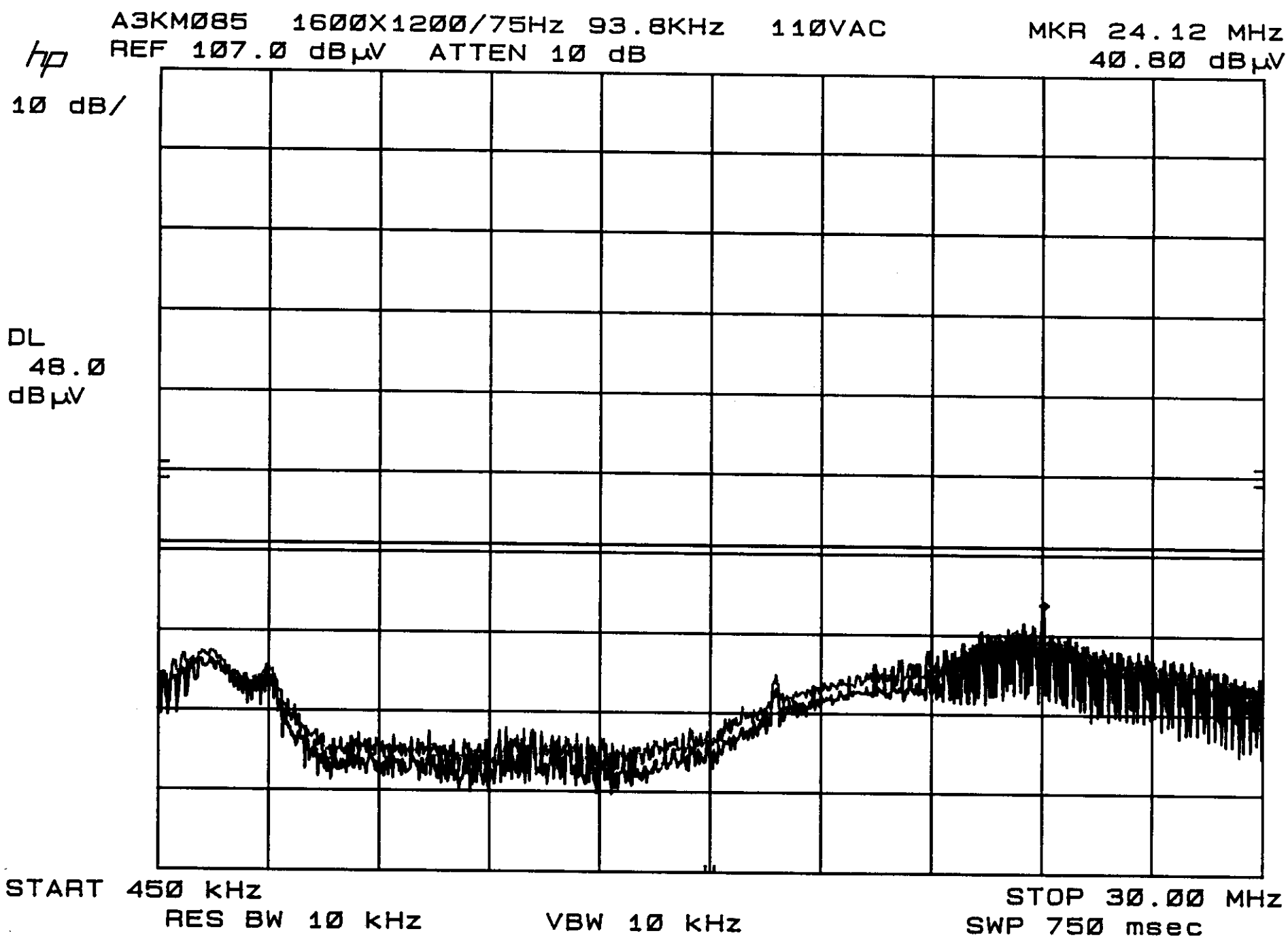
THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.
TEST DISTANCE SETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

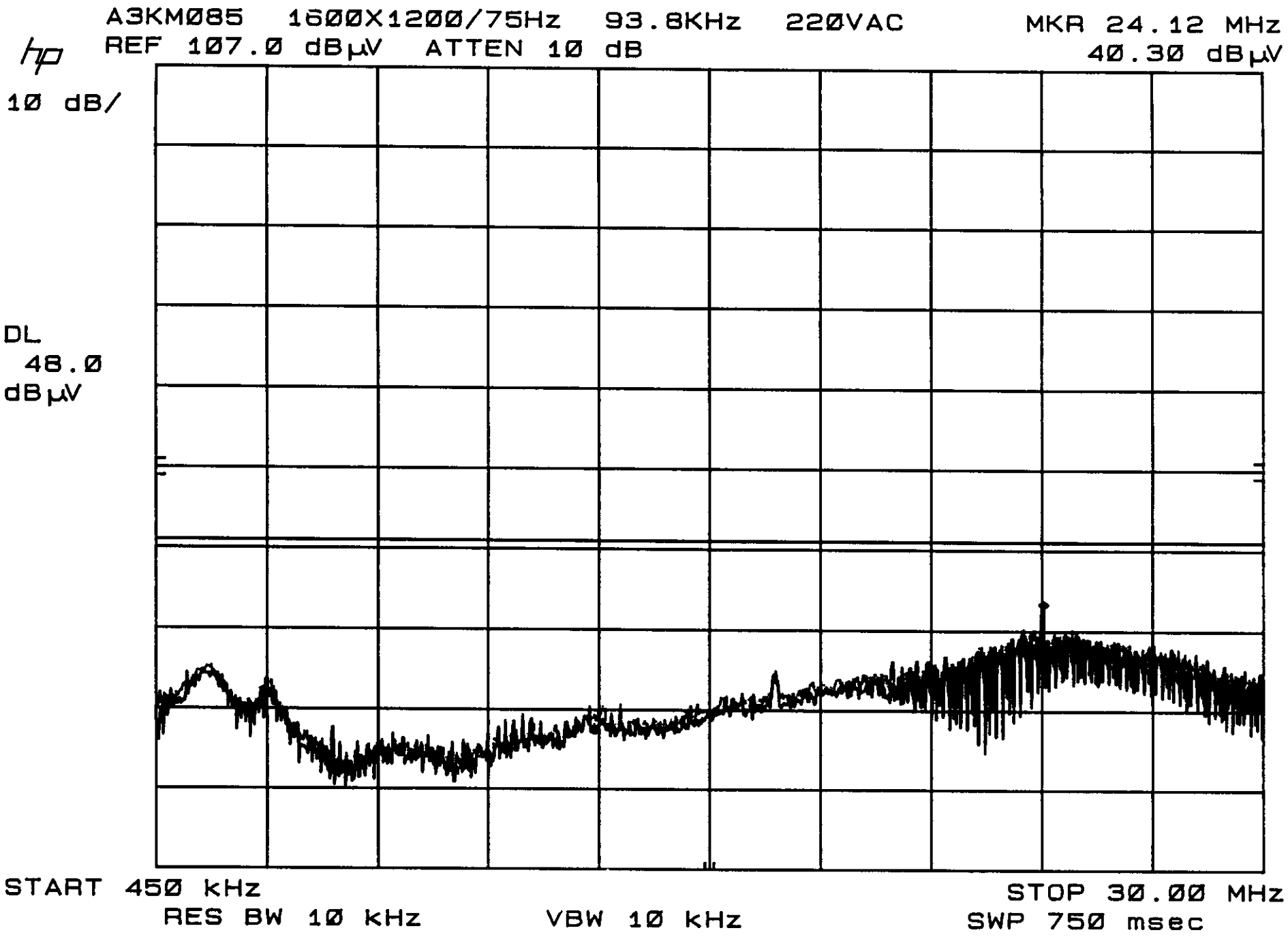
SAMPLE CALCULATION :
FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)
THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY
THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY ANGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY: K. J. Hz TESTED BY:


RFI EMISSION LEVEL dBuv/m
OCT/19/1998
REPORT NO: EMI98-077
MODEL NO: 19B2502H
80
70
60
50
40
30
20
FCC CLASS B
30
100
1000
FREQUENCY MHz


A3KM085 1600X1200/75Hz 93.8KHz 110VAC
MKR 24.12 MHz
REF 107.0 dBµV ATTEN 10 dB
40.80 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
STOP 30.00 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 750 msec


A3KM085 1600X1200/75Hz 93.8KHz 220VAC
MKR 24.12 MHz
REF 107.0 dBµV ATTEN 10 dB
40.30 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
STOP 30.00 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 750 msec

FCC TEST REPORT

FCC ID : A3KM08S
REPORT NO.: EMI98-077A
TEST DATE : OCT/20/1998
TEST ENGI.: C.C.Wu

TEST PERFORMED BY
PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION (PEI-CED)
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TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED
TESTED SYSTEM:

1. EUT : 19B2502H COLOR MONITOR S/N.: TY9804077
   FCC ID. : A3KM08S
2. COMPUTER: COMPAQ DESKPRO DP 6000 S/N.: 7751BSD40011
   FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419
   FCC ID. : DSI6XU2225
4. MODEM : USRobotics 288 S/N.: 00026805592785?S
   FCC ID. : CJE-0318
5. MOUSE : COMPAQ M-S34 S/N.: 1411189401
   FCC ID. : DZL211029
6. KEYBOARD: COMPAQ RT101 S/N.: 17271
   FCC ID. : AQ6-CYPRESSC15
7. VIDEO CARD : MGA II AGP S/N.: 007449
   FCC ID. : FCC LOGO
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.
91.1KHz MODE(1280X1024/85Hz) WAS TESTED.
INTERFACE CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS TESTED.
UNSHIELDED MAINS CORD WAS USED DURING TEST.
ONE UPSTREAM USB CABLE WAS CONNECTED TO COMPUTER

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)
39.42	28.24	32.84	40
52.55	26.83	28.93	40
65.68	27.18	31.08	40
118.23	30.38	32.28	43.5
131.34	30.31	31.91	43.5
157.61	28.8	31	43.5
168.01	31.34	33.04	43.5
183.88	30.75	32.25	43.5

236.42	35.2	33.7	46
249.56	38.6	36	46
262.7	35.22	34.32	46
275.82	38.14	36.84	46
302.09	31.608	30.008	46
312.01	34.948	35.448	46
315.22	38.96	36.06	46
328.36	33.272	32.272	46
336.01	34.964	35.564	46
341.49	35.084	33.884	46
354.63	32.9	34.2	46
360.01	35.1	36.3	46
367.76	33.2	32.7	46
380.9	35.516	38.416	46
384.01	39.424	39.124	46
407.17	35.684	37.584	46
408.01	35.096	37.896	46
420.3	34.24	36.44	46
433.44	37.692	39.692	46
446.57	38.128	39.428	46
459.71	35.44	34.94	46
472.84	36.852	38.352	46
499.11	36.068	37.768	46
525.38	35.1	36.6	46
538.52	37.356	37.656	46
551.65	34.748	33.948	46
552.01	39.048	39.548	46
564.79	36.16	37.06	46
591.04	36.292	37.892	46
630.45	39.2	38.7	46
761.8	38.892	38.392	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)
192.01	AMBIENT	35.12	43.5
197.02	33.67	31.47	43.5
210.16	31.7	32.4	43.5
223.28	35.16	36.26	46
288.95	40.45	36.75	46
853.72	39.596	39.696	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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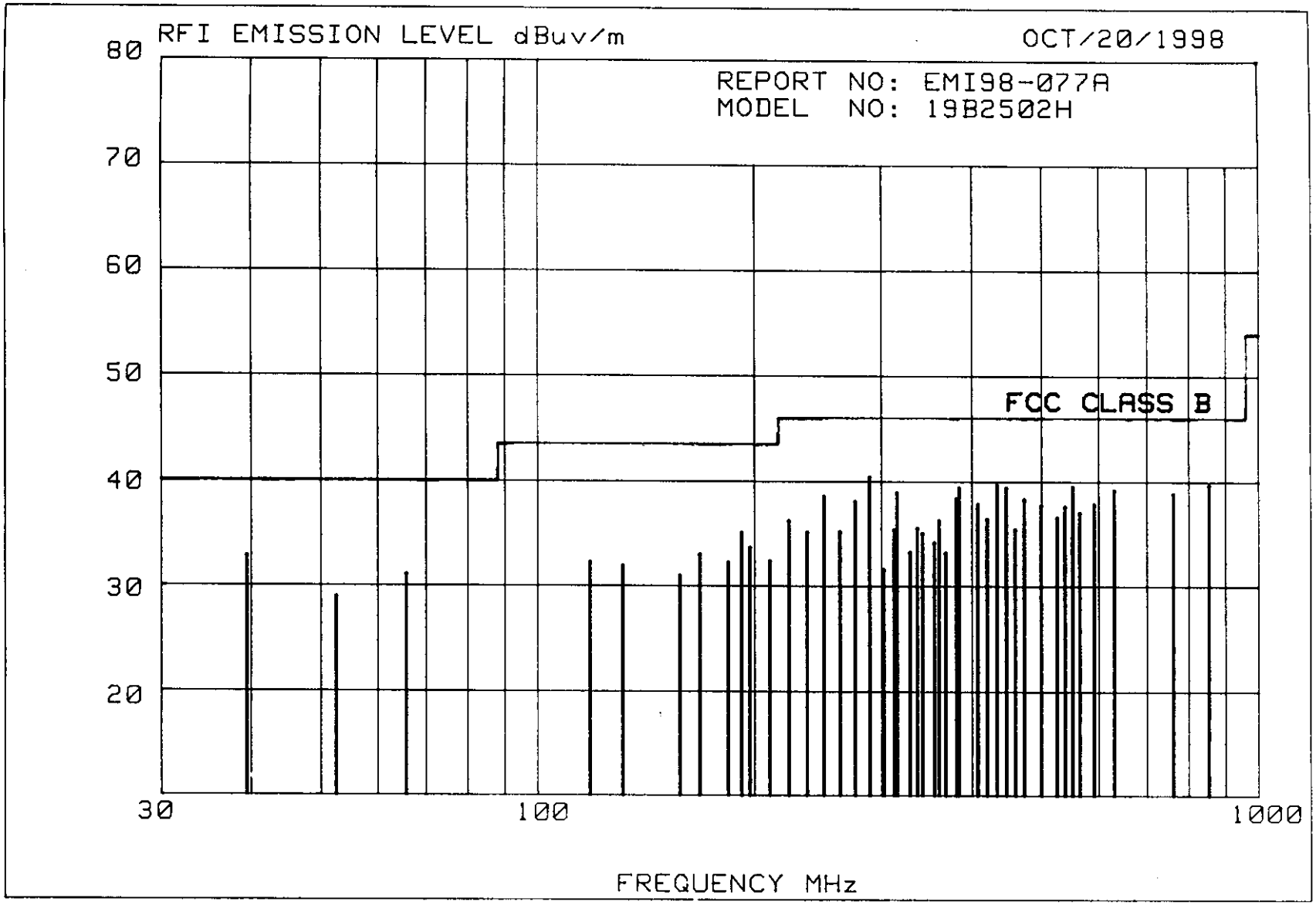
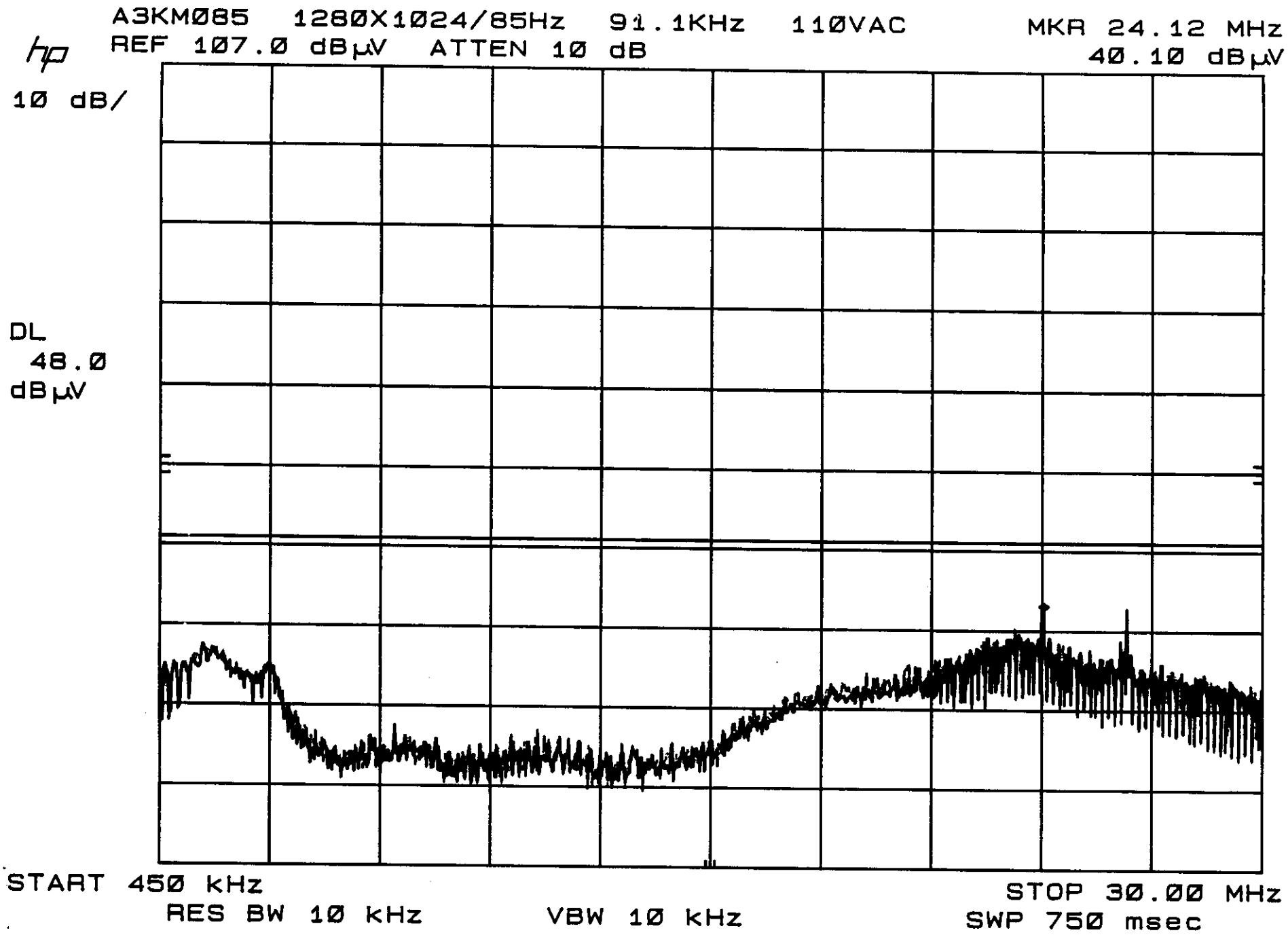
THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY ANGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY: K.J.Hs
K.J.HSU, NVLAP SIGNATORY

TESTED BY:
C.C.Wu


RFI EMISSION LEVEL dBuv/m
OCT/20/1998
REPORT NO: EMI98-077A
MODEL NO: 19B2502H
FCC CLASS B
80
70
60
50
40
30
20
30
100
1000
FREQUENCY MHz


A3KM085 1280X1024/85Hz 91.1KHz 110VAC
MKR 24.12 MHz
REF 107.0 dBµV ATTEN 10 dB
40.10 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
STOP 30.00 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 750 msec

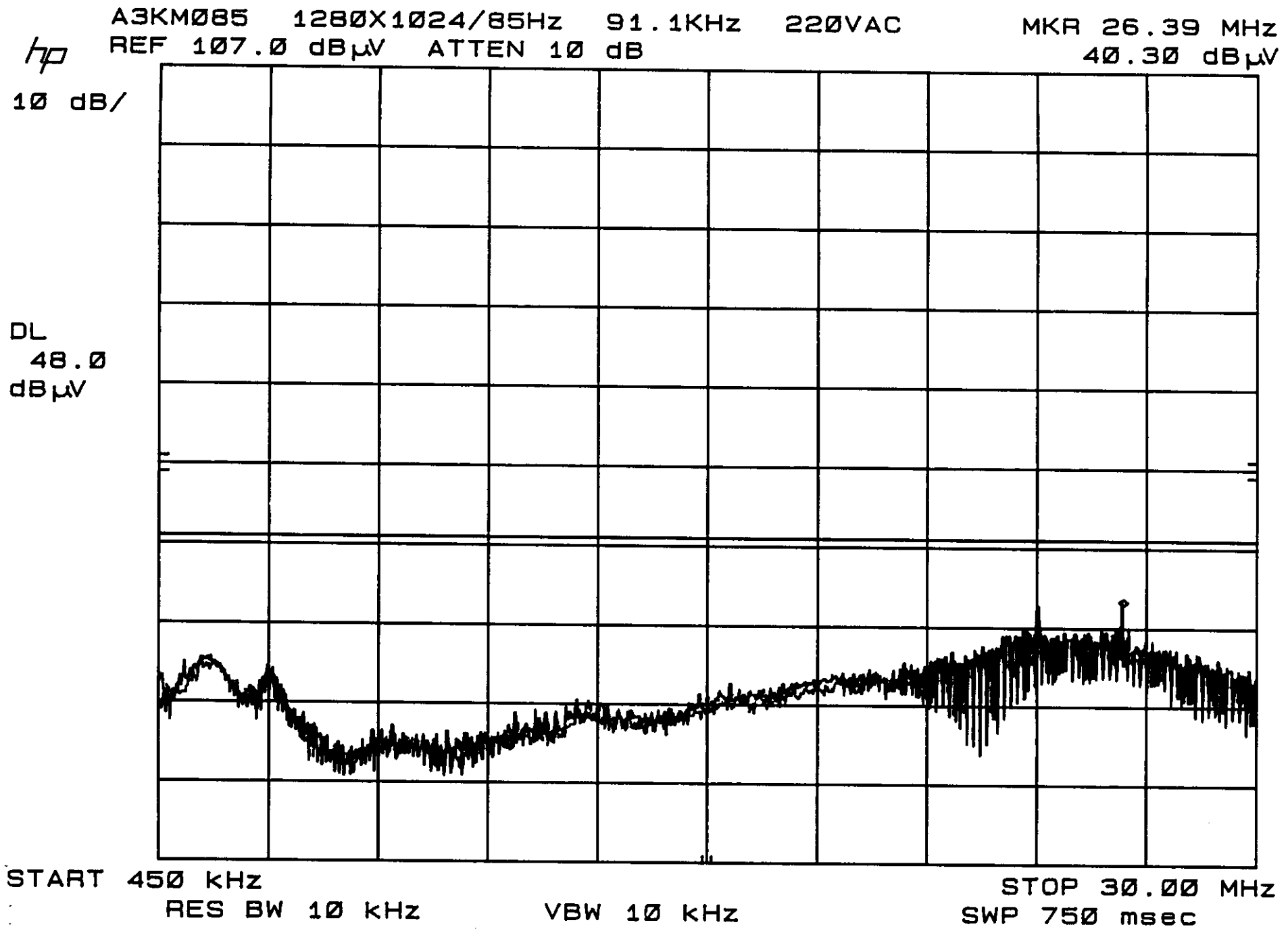

A3KM085 1280X1024/85Hz 91.1KHz 220VAC
MKR 26.39 MHz
REF 107.0 dBµV ATTEN 10 dB
40.30 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
STOP 30.00 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 750 msec

Exhibit 6

Statement of Data Measured and Test Data of Modified

STATEMENT OF DATA MEASURED

1. General Information of EUT

The EUT, 19" super VGA color monitor :

Model No. : M990
FCC ID : A3KM085
Brand : DELL

The monitor automatically scans horizontal frequencies between 30HKz and 95KHz , and vertical frequencies between 50Hz and 160Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1600X1200 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	720 X 400	31.5KHz	70Hz	Non-interlaced
M02	640 X 480	31.5KHZ	60Hz	Non-interlaced
M03	640 X 480	43.3KHz	85Hz	Non-interlaced
M04	800 X 600	46.9KHz	75Hz	Non-interlaced
M05	800 X 600	53.7KHz	85Hz	Non-interlaced
M06	1024 X 768	60.0KHz	75Hz	Non-interlaced
M07	1024 X 768	68.7KHz	85Hz	Non-interlaced
M08	1280 X 1024	80.0KHz	75Hz	Non-interlaced
M09	1280 X 1024	91.1KHz	85Hz	Non-interlaced
M10	1600 X 1200	93.8KHz	75Hz	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.ccmail.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	2848A17738	11/17/1998
RF Preselector	HP85685A	2620A00338	11/17/1998
QP Adapter	HP85650A	2811A03124	11/17/1998
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	3222	12/17/1998
Biconical Antenna	EMCO 3110B	3224	12/30/1998
Log-Periodic Antenna	EMCO 3146A	1424	12/29/1998
Log-Periodic Antenna	EMCO 3146A	1425	12/29/1998
LISN	EMCO 3825/2	9311-2153	9/23/1998
LISN	EMCO 3825/2	9311-2154	9/23/1998
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 "6549-0AN" was connected to:

Item	Model No.	Serial No.	FCC ID
1. Computer	Dell XPS R400	F18Q7	FCC Logo
2. Keyboard	Dell SK1000REW	0001435C	GYUR57SK
3. Mouse	Dell X03-60998	7132967	C3MKPP5
4. Printer	HP 2225C	3123S97227	DSI6XU2225
5. Modem	USRobotics 268	0002680559278575	CJE-0318
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
EMI99-007	1600 X 1200	93.7KHz/75Hz
EMI99-007A	1280 X 1024	91.1KHz/85Hz

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" patter 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 (dBμv/m) = Reading (dBuv) + 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 : A3KM085
REPORT NO.: EMI99-007
TEST DATE : FEB/14/1999
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 : PHILIPS
TESTED SYSTEM:

1. EUT : DELL M990 COLOR MONITOR S/N.: TY9904007
   FCC ID. : A3KM085
2. COMPUTER: DELL Dimension XPS R400 S/N.: F18Q7
   FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419
   FCC ID. : DSI6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575
   FCC ID. : CJE-0318
5. MOUSE : DELL X03-60998 S/N.: 7132967
   FCC ID. : 6YUR57SK
6. KEYBOARD: DELL SK1000REW S/N.: 0001435C
   FCC ID. : FCC LOGO
7. VIDEO CARD : ATI EXPERT 98 S/N.: 75182
   FCC ID. : FCC LOGO

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.
93.7Kz MODE(1600X1200/75Hz) WAS TESTED.
FLY-IN I/O CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS USED
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)
43.98	25.66	29.26	40
52.8	25.83	28.03	40
123.18	26.69	29.29	43.5
131.98	28.12	28.32	43.5
158.73	27.55	28.45	43.5
184.77	28.15	29.15	43.5

237.58	35.1	33.1	46
246.38	36.44	35.04	46
255.17	37.45	35.25	46
263.97	34.76	33.36	46
272.77	34.82	34.42	46
299.17	35.78	36.98	46
307.95	31.932	32.032	46
325.56	31.024	30.424	46
334.36	30.516	30.116	46
404.75	32.56	32.16	46
457.55	33.292	AMBIENT	46
501.52	33.316	35.416	46
527.94	35.812	38.812	46
536.74	34.948	38.248	46
571.92	35.128	37.128	46
580.72	36.772	38.172	46
589.51	36.38	36.38	46
598.31	35.976	36.776	46
607.11	36.524	38.324	46
615.91	35.912	35.312	46
730.31	39.84	39.54	46
739.11	38.632	37.932	46
747.91	39.124	38.324	46
756.71	39.712	38.512	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

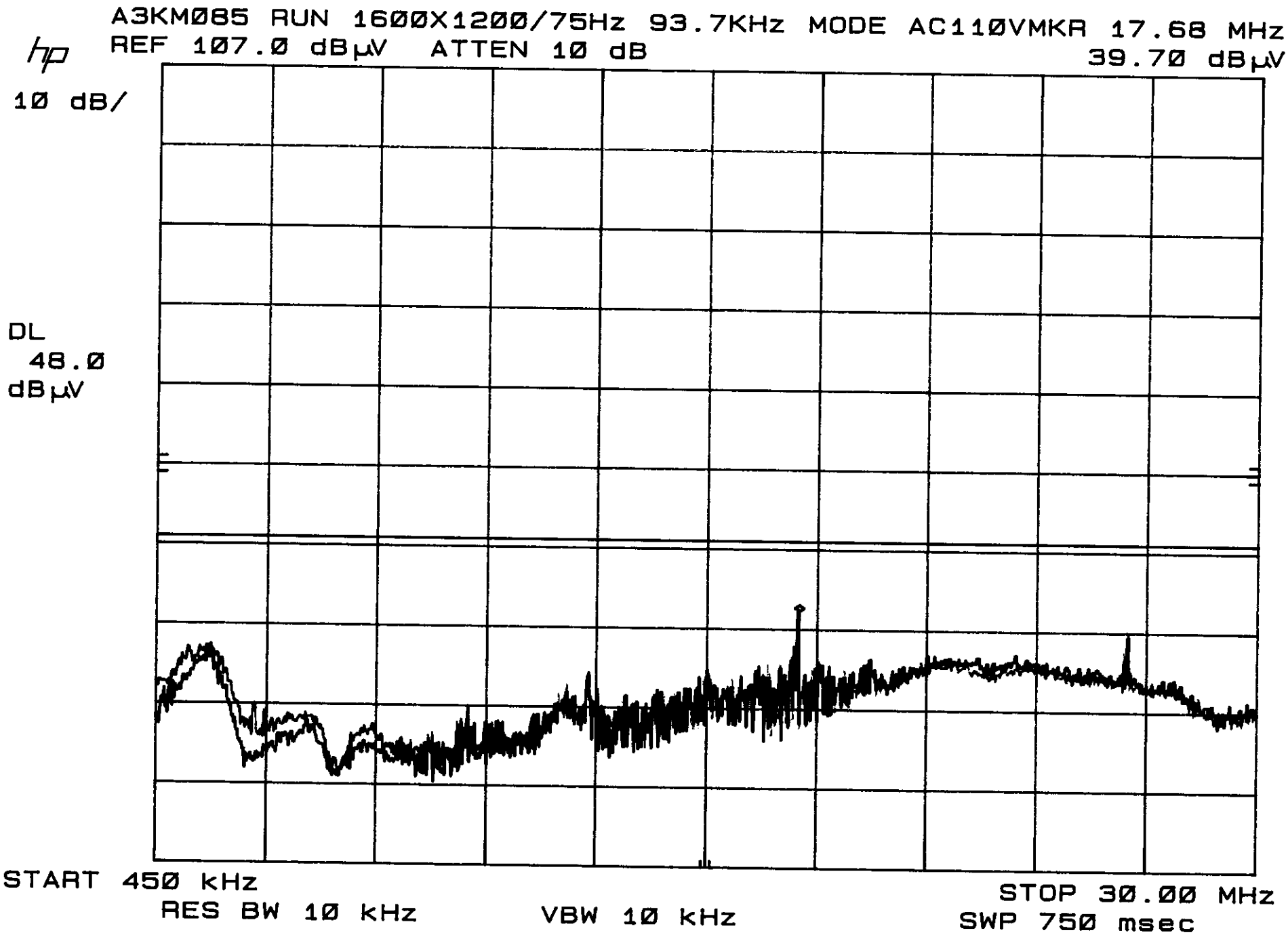
FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
140.77	27.71	33.01	43.5
228.78	37.78	32.68	46

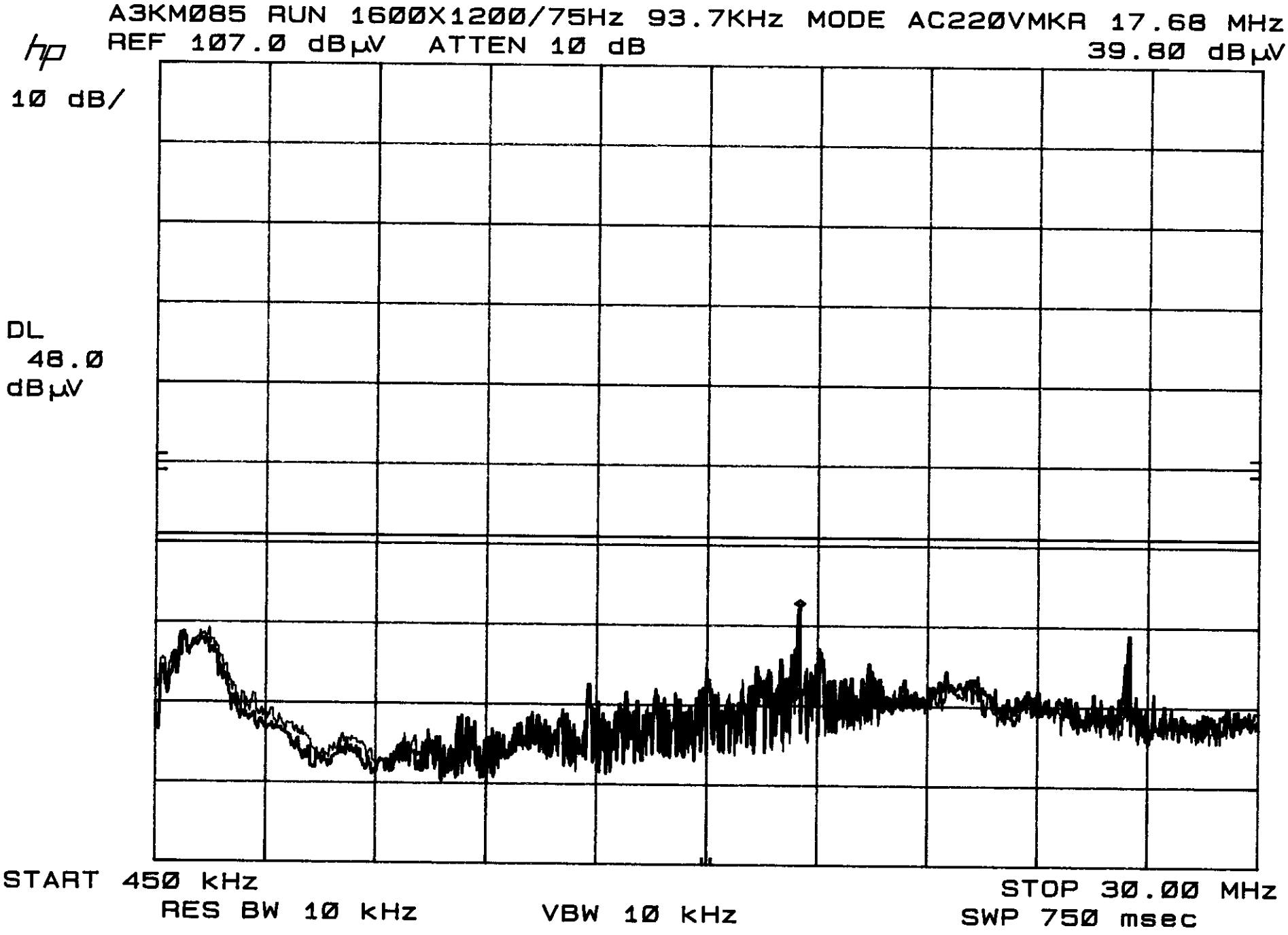
THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.
TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

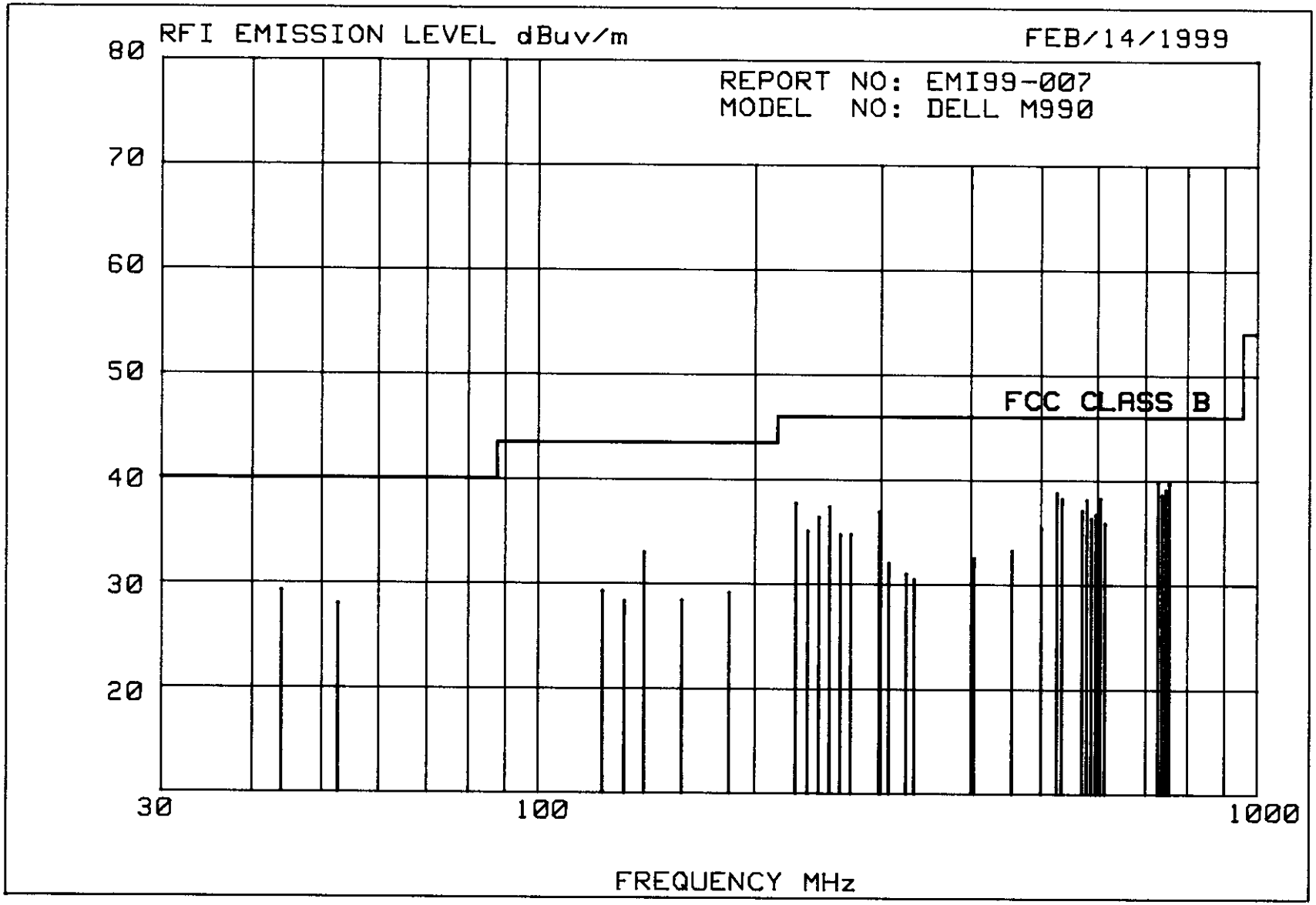
SAMPLE CALCULATION :
FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY: K J Ho TESTED BY:


A3KM085 RUN 1600X1200/75Hz 93.7KHz MODE AC110VMKR 17.68 MHz
REF 107.0 dBµV ATTEN 10 dB
39.70 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
RES BW 10 kHz
VBW 10 kHz
STOP 30.00 MHz
SWP 750 msec


A3KM085 RUN 1600X1200/75Hz 93.7KHz MODE AC220VMKR 17.68 MHz
REF 107.0 dBµV ATTEN 10 dB
39.80 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
STOP 30.00 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 750 msec


RFI EMISSION LEVEL dBuv/m
FEB/14/1999
REPORT NO: EMI99-007
MODEL NO: DELL M990
FCC CLASS B
80
70
60
50
40
30
20
30
100
1000
FREQUENCY MHz

FCC TEST REPORT

FCC ID : A3KM085
REPORT NO.: EMI99-007A
TEST DATE : FEB/15/1999
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 : PHILIPS
TESTED SYSTEM:

1. EUT : DELL M990 COLOR MONITOR S/N.: TY9904007
   FCC ID. : A3KM085
2. COMPUTER: DELL Dimension XPS R400 S/N.: F18Q7
   FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419
   FCC ID. : DSI6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575
   FCC ID. : CJE-0318
5. MOUSE : DELL X03-60998 S/N.: 7132967
   FCC ID. : GYUR57SK
6. KEYBOARD: DELL SK1000REW S/N.: 0001435C
   FCC ID. : FCC LOGO
7. VIDEO CARD : ATI EXPERT 98 S/N.: 75182
   FCC ID. : FCC LOGO

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.
91.1Kz MODE(1280X1024/85Hz) WAS TESTED.
FLY-IN I/O CABLE WITH THREE FERRITE CORES(ONE INSIDE) WAS USED
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)
47.15	24.78	26.08	40
62.84	25.39	28.59	40
70.66	25.28	AMBIENT	40
125.68	28.18	31.58	43.5
149.21	26.89	27.39	43.5
157.07	27.05	29.65	43.5

180.65	27.49	28.29	43.5
220.1	31.9	31.6	46
227.79	33.36	33.76	46
235.63	33.1	32.8	46
243.49	33.52	33.42	46
259.18	35.35	35.05	46
267.04	35.88	34.68	46
274.9	35.1	34.7	46
282.76	36.75	AMBIENT	46
290.62	38.12	35.82	46
306.34	29.724	29.624	46
314.18	29.956	31.256	46
337.76	30.212	31.412	46
345.62	30.104	31.504	46
392.72	31.648	31.848	46
447.72	32.452	33.652	46
502.68	34.324	37.624	46
518.39	34.644	39.544	46
534.1	34.936	37.836	46
541.95	34.868	36.868	46
549.82	35.3	38.6	46
557.67	34.592	37.692	46
573.36	35.152	38.852	46
589.08	36.268	37.468	46
628.36	39.42	37.62	46
659.78	37.78	37.28	46
683.35	38.892	37.892	46
730.46	38.84	38.54	46
738.32	38.844	38.344	46
761.89	39.392	39.692	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)
55	24.25	33.85	40
133.55	29.84	36.64	43.5
141.37	28.91	33.21	43.5
526.24	35.904	41.304	46
581.21	36.272	38.772	46
596.93	39.064	40.064	46
604.76	39.36	37.76	46

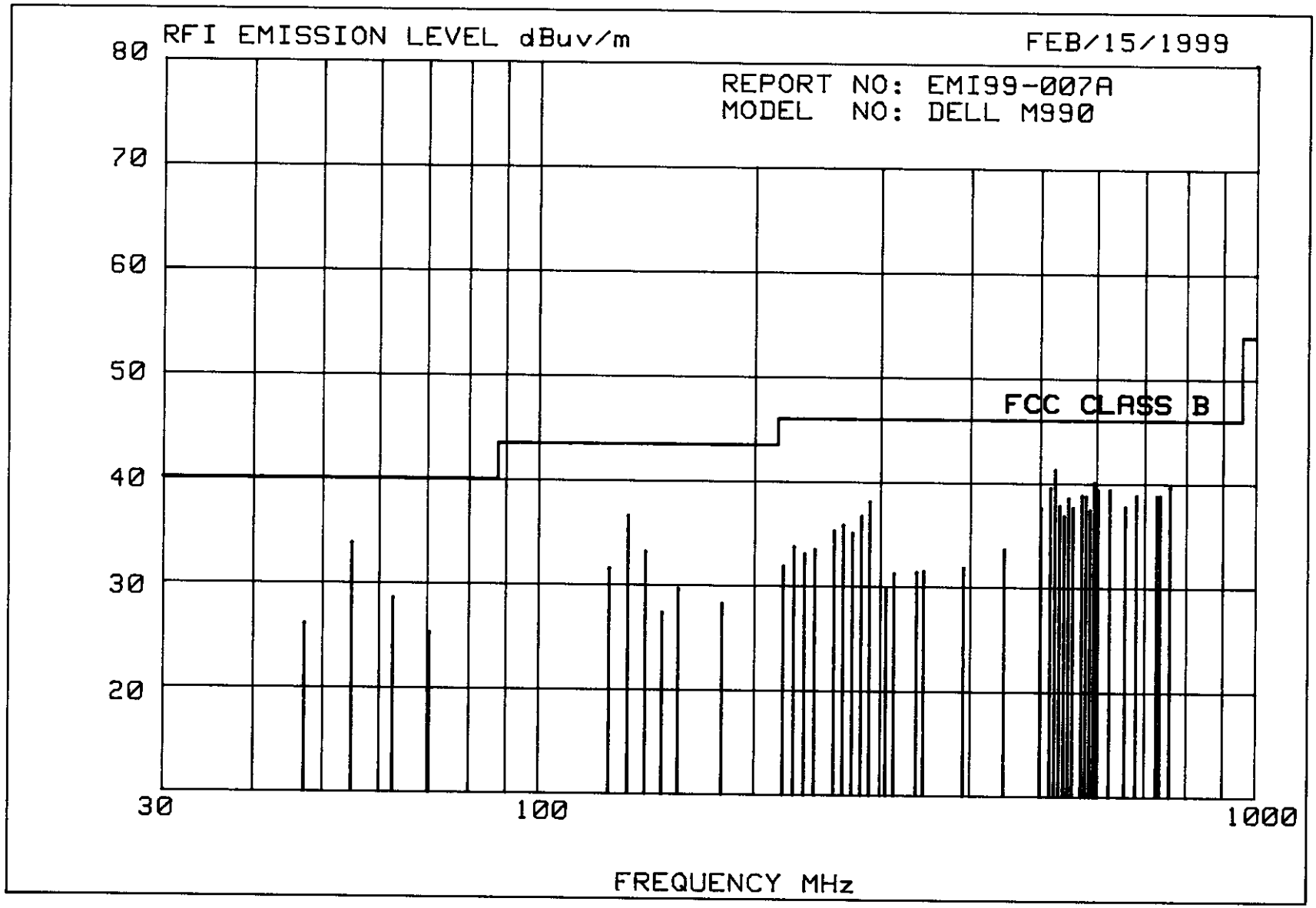
THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.
TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

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

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY: K. J. Hsu
K.J.HSU, NVLAP SIGNATORY

TESTED BY:
C.C.Wu


RFI EMISSION LEVEL dBuv/m
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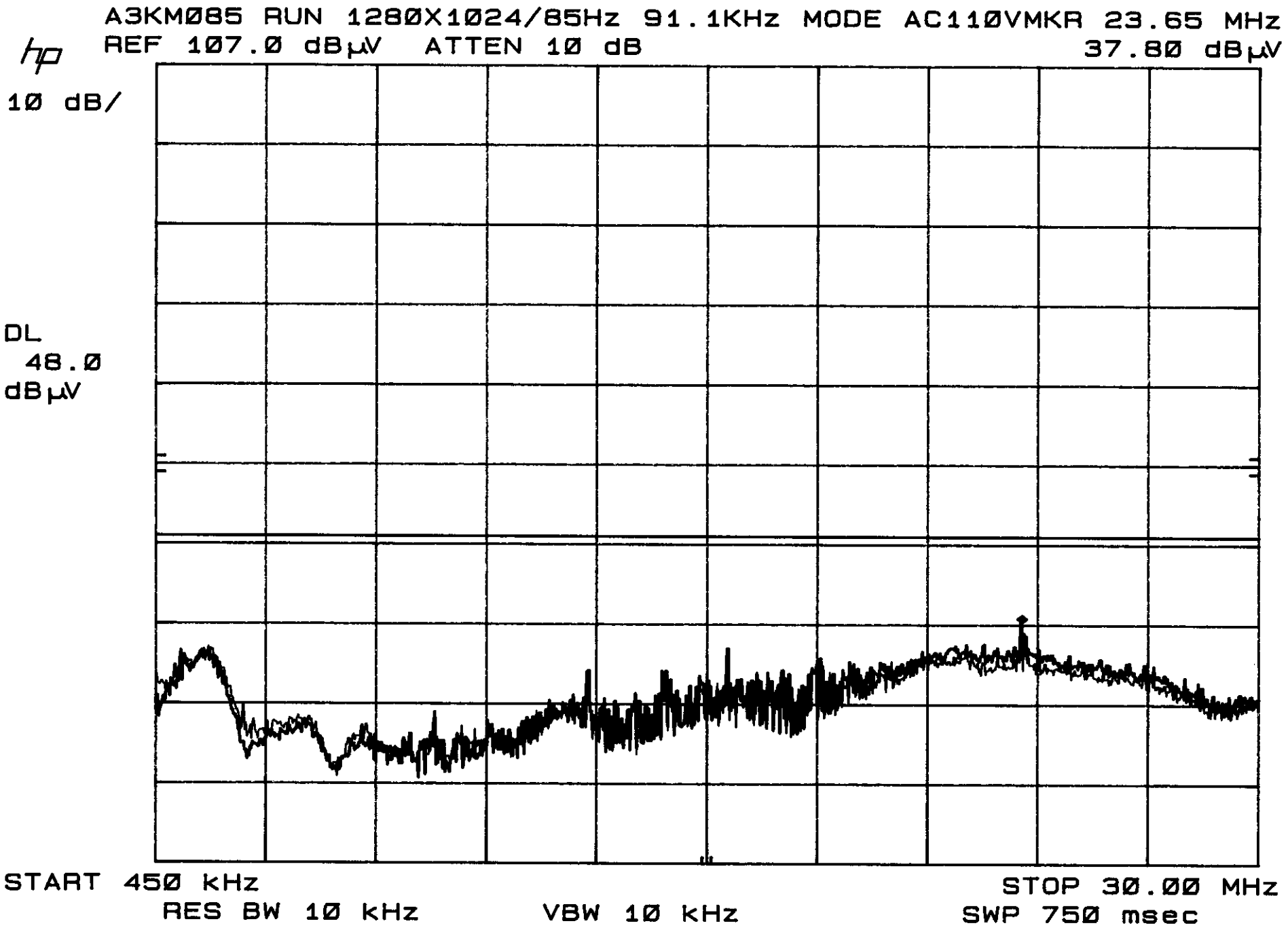
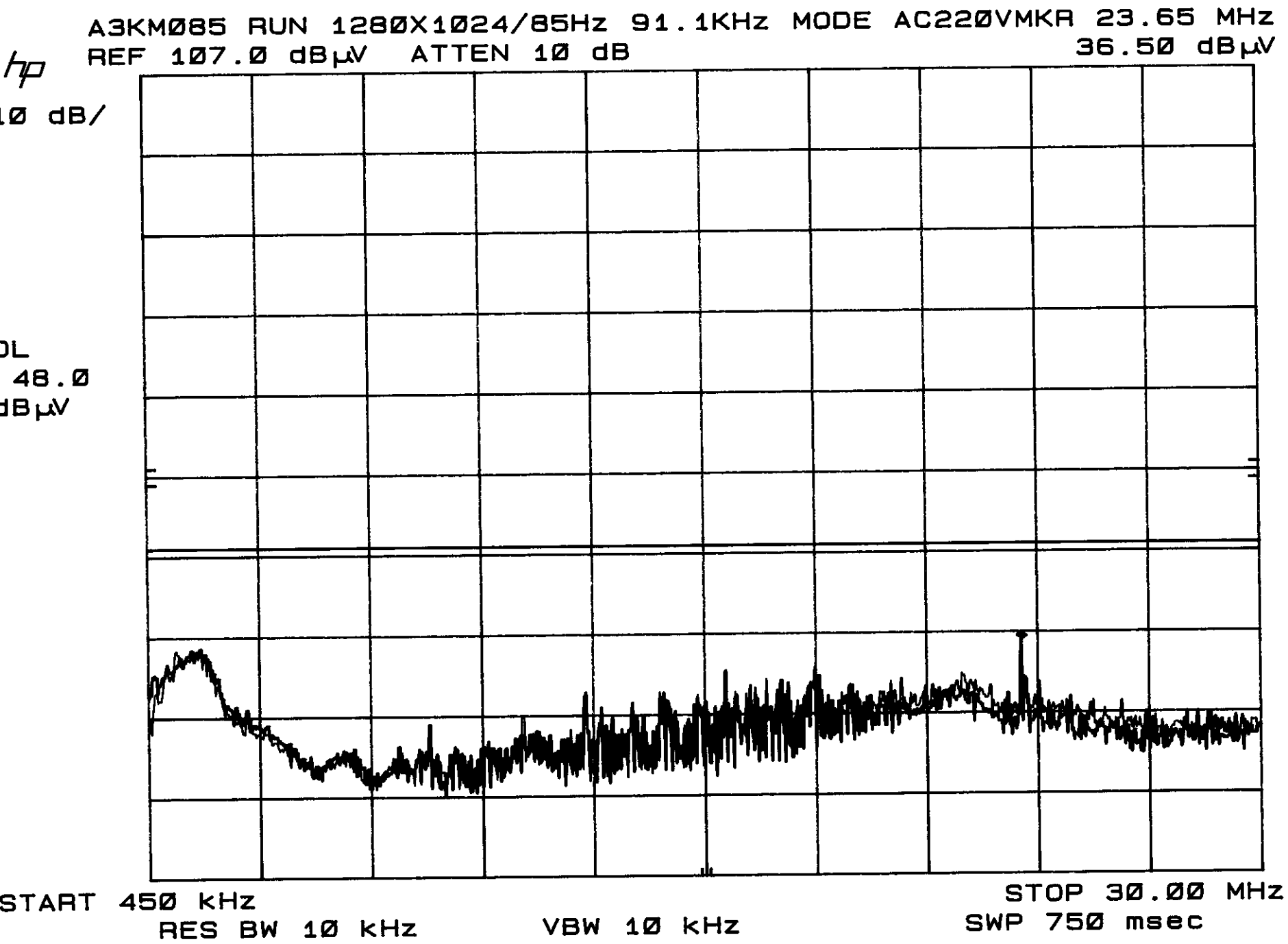

A3KM085 RUN 1280X1024/85Hz 91.1KHz MODE AC110VMKR 23.65 MHz
REF 107.0 dBµV ATTEN 10 dB
37.80 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
STOP 30.00 MHz
RES BW 10 kHz
VBW 10 kHz
SWP 750 msec


A3KMØ85 RUN 128ØX1Ø24/85Hz 91.1KHz MODE AC22ØVMKR 23.65 MHz
REF 107.Ø dBµV ATTEN 1Ø dB
36.5Ø dBµV
hp
1Ø dB/
DL
48.Ø
dBµV
START 45Ø kHz
RES BW 1Ø kHz
VBW 1Ø kHz
STOP 3Ø.ØØ MHz
SWP 75Ø msec