

## Exhibit 5

CONFIDENTIAL  
JUL 22 1998

## Test Data of Original

# FCC TEST REPORT

FCC ID : A3KM082  
 REPORT NO.: EMI98-043  
 TEST DATE : MAY/30/1998  
 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 : 151AX LCD COLOR MONITOR S/N.: --  
 FCC ID. : A3KM082
2. COMPUTER: IBM Aptiva 2176-T33 S/N.: 90-A58TZ  
 FCC ID. : AN02161U
3. PRINTER : HP 2225C S/N.: 3145S02419  
 FCC ID. : DSI6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966  
 FCC ID. : BFJ9D907-00038
5. MOUSE : IBM M-S34 S/N.: 23-146196  
 FCC ID. : DZL211029
6. KEYBOARD: IBM KB-9826 S/N.: K071940  
 FCC ID. : E8HKB-5323
7. VIDEO CARD : WINNER 3000L S/N.: 023004001190  
 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 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.  
 60.0KHz MODE(1024X768/75Hz) WAS TESTED.  
 FLY-IN I/O CABLE WITH FOUR FERRITE CORES(TWO INSIDE) WAS USED  
 UNSHIELDED MAINS CORD WAS USED DURING TEST.  
 EXTRA EARPHONE AND MICPHONE WERE USED DURING TEST.  
 EXTRA 4 USB CABLES WERE CONNECTED TO DUMMY LOAD WAS USED.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

## RADIATED RF LEVEL - PEAK VALUE

| FREQUENCY<br>(MHz) | HORIZONTAL<br>(dBuv/m) | VERTICAL<br>(dBuv/m) | FCC CLASS B LIMIT<br>(dBuv/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 115.59             | 33.16                  | 31.96                | 43.5                          |
| 136                | 33.66                  | 33.56                | 43.5                          |

|        |        |         |      |
|--------|--------|---------|------|
| 141.79 | 32.32  | 33.12   | 43.5 |
| 156.4  | 33.2   | 30.8    | 43.5 |
| 163.2  | 27.79  | 29.09   | 43.5 |
| 170    | 28.9   | 30.7    | 43.5 |
| 183.6  | 32.36  | 30.16   | 43.5 |
| 231.2  | 36.05  | 35.55   | 46   |
| 238    | 37.4   | 37.5    | 46   |
| 244.8  | 36.1   | 36.7    | 46   |
| 251.6  | 37.9   | 36.3    | 46   |
| 258.4  | 38     | 36.7    | 46   |
| 265.2  | 37.4   | 37.8    | 46   |
| 271.98 | 38.38  | 36.68   | 46   |
| 278.78 | 37.66  | AMBIENT | 46   |
| 285.58 | 39.8   | AMBIENT | 46   |
| 292.39 | 37.94  | 36.94   | 46   |
| 299.3  | 36.48  | 38.98   | 46   |
| 306    | 31.424 | 30.024  | 46   |
| 312.78 | 32.752 | 31.852  | 46   |
| 319.58 | 35.18  | 35.58   | 46   |
| 326.41 | 36.224 | 35.624  | 46   |
| 330.82 | 34.944 | 37.944  | 46   |
| 333.18 | 31.592 | 30.992  | 46   |
| 338.7  | 34.136 | 36.536  | 46   |
| 340    | 36.36  | 38.56   | 46   |
| 346.8  | 36.028 | 36.328  | 46   |
| 353.6  | 37.9   | 39.3    | 46   |
| 354.45 | 35.6   | 37.8    | 46   |
| 360.4  | 36.3   | 34.4    | 46   |
| 367.19 | 34     | 33      | 46   |
| 370.2  | 35.3   | 33.5    | 46   |
| 374    | 38.1   | 37.1    | 46   |
| 378.09 | 37.208 | 34.208  | 46   |
| 380.8  | 33.816 | 34.116  | 46   |
| 385.96 | 33.196 | 32.896  | 46   |
| 387.6  | 36.468 | 36.668  | 46   |
| 394.39 | 38.284 | 38.284  | 46   |
| 401.19 | 34.112 | 33.412  | 46   |
| 408    | 37.496 | 38.496  | 46   |
| 414.78 | 33.78  | 32.88   | 46   |
| 421.59 | 36.364 | 35.664  | 46   |
| 442    | 35.408 | 36.008  | 46   |
| 455.6  | 36.344 | 35.544  | 46   |
| 462.4  | 37.688 | 38.588  | 46   |
| 476    | 38.832 | 39.632  | 46   |
| 535.62 | 34.844 | 35.444  | 46   |
| 551.37 | 37.424 | 36.024  | 46   |
| 567.11 | 35.808 | 36.108  | 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<br>(MHz) | HORIZONTAL<br>(dBuV/m) | VERTICAL<br>(dBuV/m) | FCC CLASS B LIMIT<br>(dBuV/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 71.61              | 25.66                  | 36.86                | 40                            |
| 122.39             | 35.46                  | 33.26                | 43.5                          |
| 129.19             | 33.37                  | 33.17                | 43.5                          |
| 133.92             | 30.64                  | 34.54                | 43.5                          |
| 142.8              | 35.03                  | 33.13                | 43.5                          |
| 149.6              | 35                     | 32.3                 | 43.5                          |
| 197.2              | 31.97                  | 30.27                | 43.5                          |
| 210.8              | 33.48                  | 30.38                | 43.5                          |
| 217.6              | 35.14                  | 30.44                | 46                            |
| 224.4              | 37.98                  | 33.48                | 46                            |
| 428.4              | 37.872                 | 39.572               | 46                            |
| 472.6              | 39.552                 | 38.152               | 46                            |
| 590.75             | 39.692                 | 36.292               | 46                            |
| 598.38             | 40.676                 | 40.176               | 46                            |
| 630.13             | 39.6                   | 39.8                 | 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

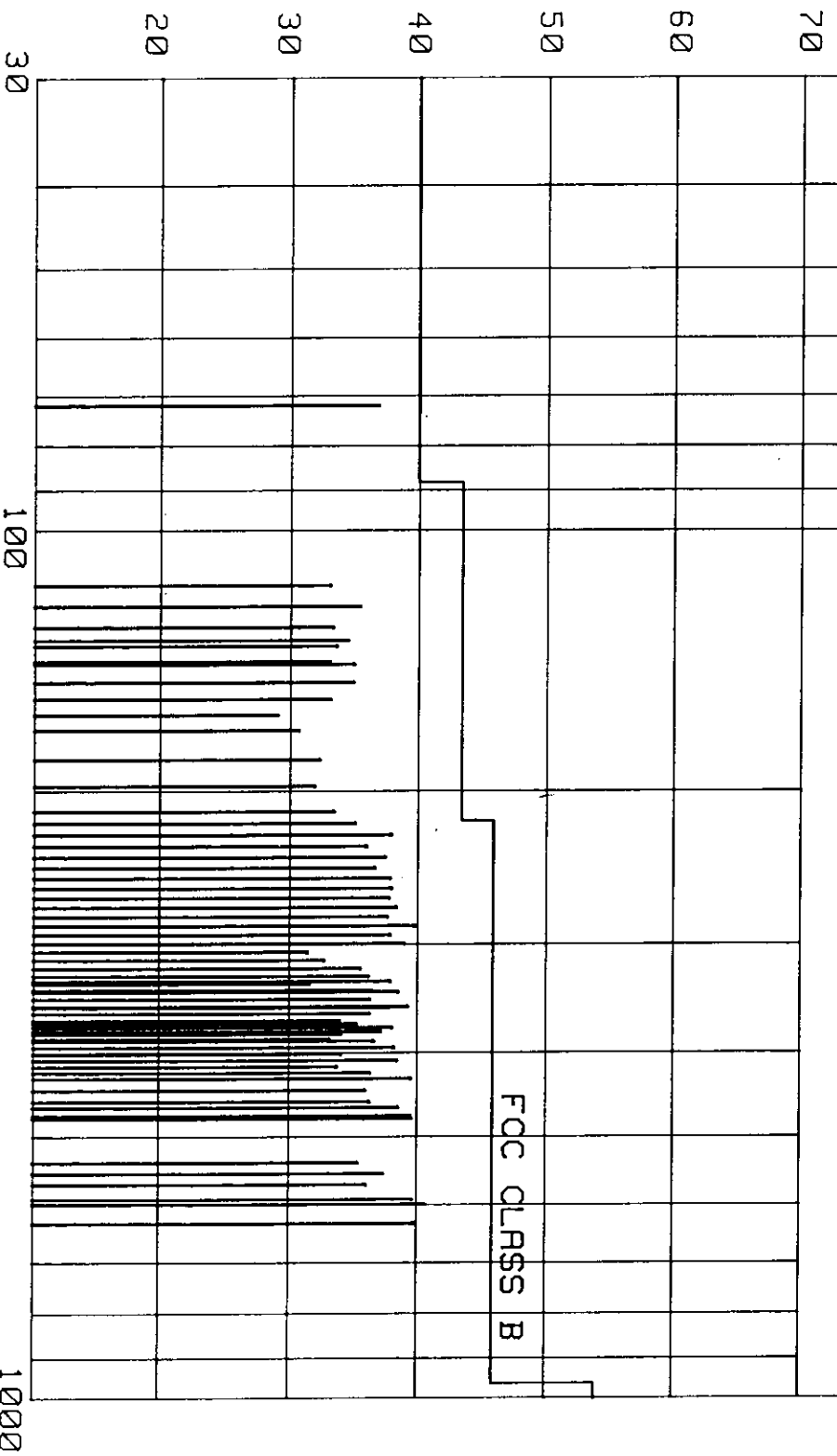
C.C.Wu

RFI EMISSION LEVEL dBuV/m

MAY/30/1998

REPORT NO: EMI98-043  
MODEL NO: SUNNY-15.1

FCC CLASS B

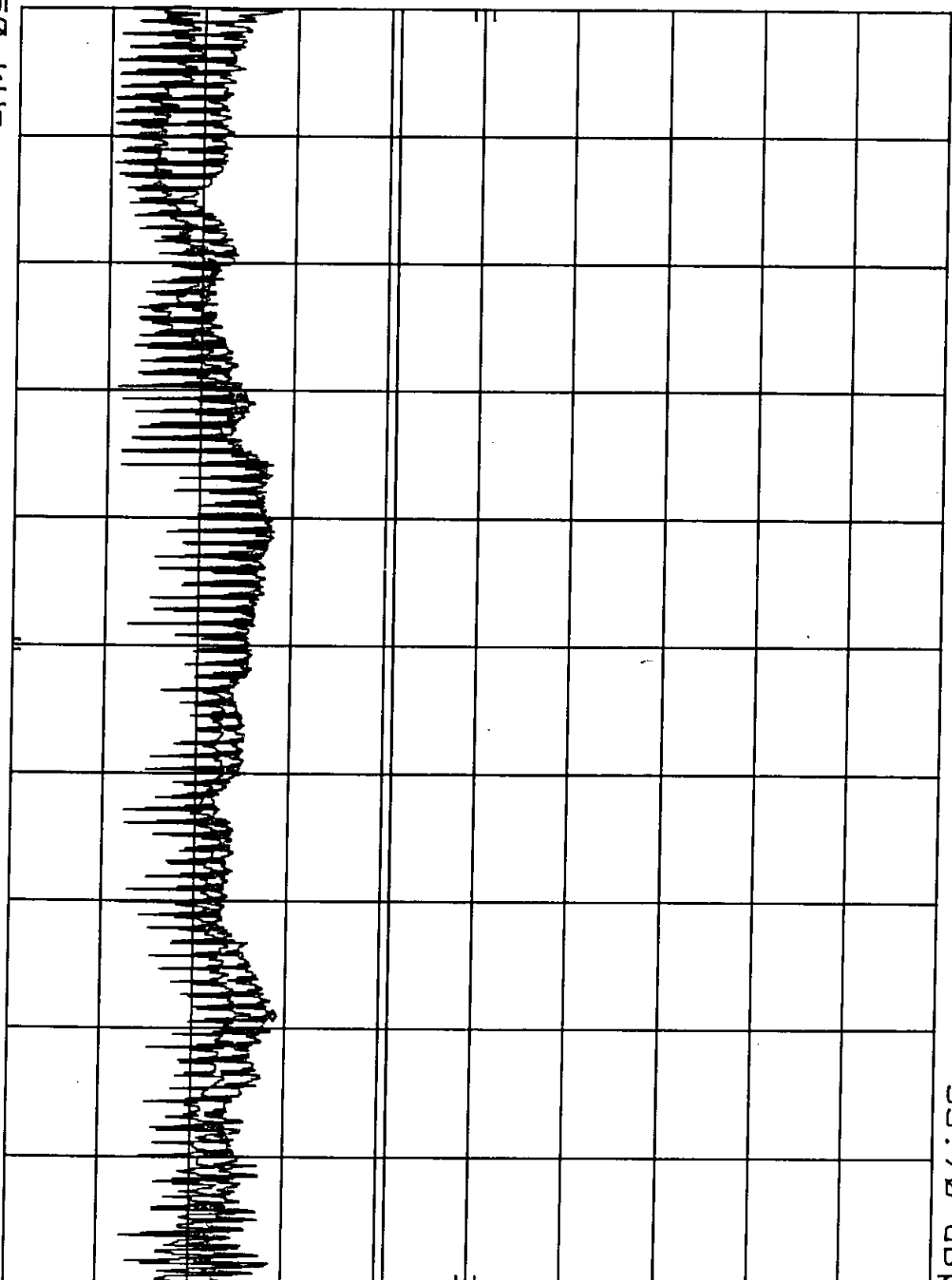


FREQUENCY MHz

A3KM082 RUN 1024X768/75HZ 60KHZ MODE 110V MKR 23.76 MHZ  
7p REF 107.0 dBμV ATTEN 10 dB 35.70 dBμV

10 dB/

DL  
48.0  
dBμV



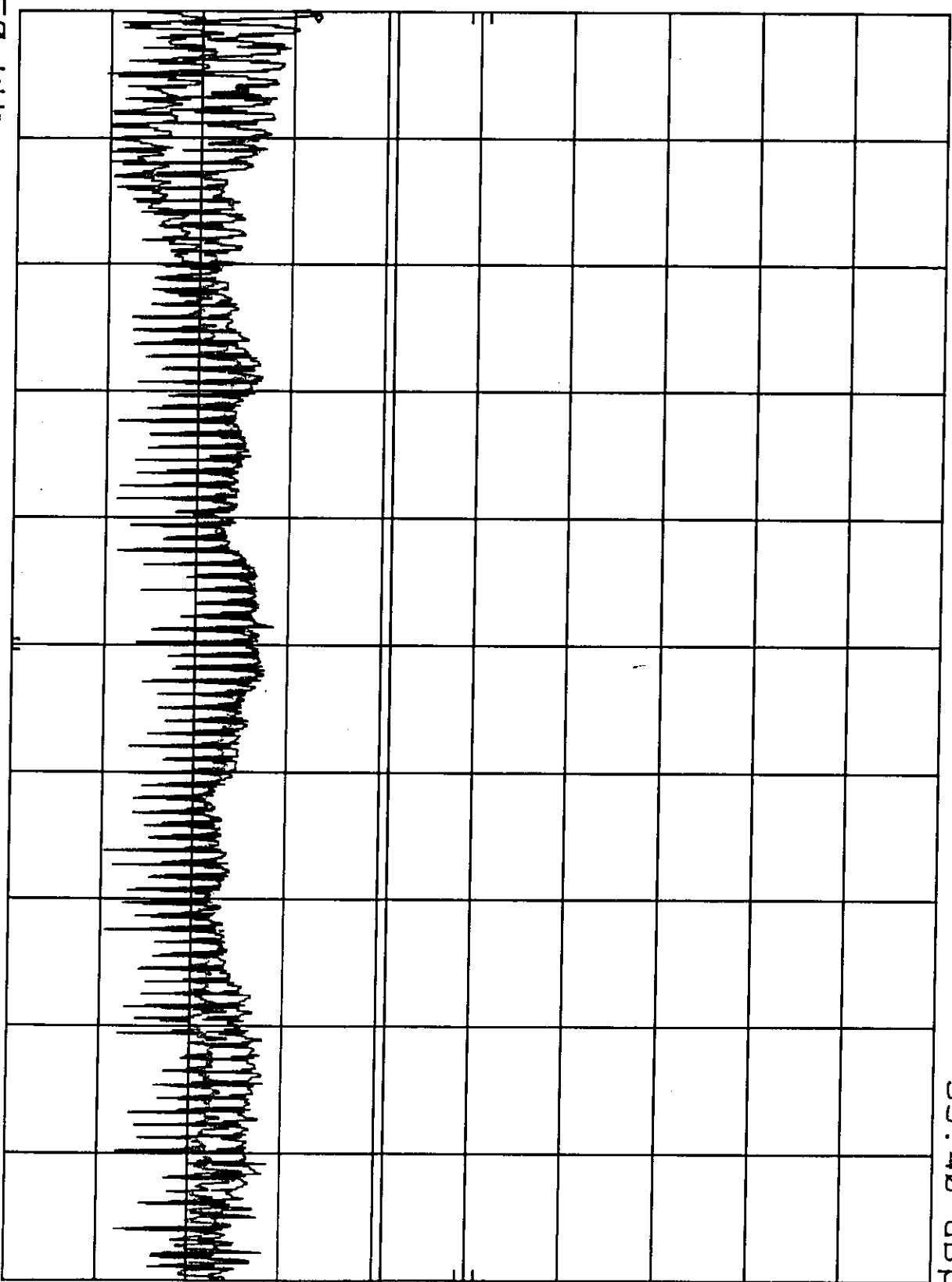
START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ  
SWP 750 msec

A3KM082 RUN 1024X768/75Hz 60KHz MODE AC220V

MKR 510 KHz 39.40 dBμV

h<sub>p</sub>  
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 : A3KM082  
 REPORT NO.: EMI98-043A  
 TEST DATE : JUN/01/1998  
 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 : ISIA X LCD COLOR MONITOR S/N.: --  
 FCC ID. : A3KM082
2. COMPUTER: IBM Aptiva 2176-T33 S/N.: 90-A58TZ  
 FCC ID. : AN02161V
3. PRINTER : HP 2225C S/N.: 3145S02419  
 FCC ID. : 0SI6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966  
 FCC ID. : 8FJ9D907-00038
5. MOUSE : IBM M-S34 S/N.: 23-146196  
 FCC ID. : 0ZL211029
6. KEYBOARD: IBM KB-9826 S/N.: K071940  
 FCC ID. : E0HKB-5323
7. VIDEO CARD : WINNER 3000L S/N.: 023004001190  
 FCC ID. : KJGW3000L
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.  
 48.3Kz MODE(1024X768/60Hz) WAS TESTED.  
 FLY-IN I/O CABLE WITH FOUR FERRITE CORES(TWO INSIDE) WAS USED  
 UNSHIELDED MAINS CORD WAS USED DURING TEST.  
 EXTRA EARPHONE AND MICROPHONE WERE USED DURING TEST.  
 EXTRA 4 USB CABLES WERE CONNECTED TO DUMMY LOAD WAS USED.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE.

| FREQUENCY<br>(MHz) | HORIZONTAL<br>(dBuv/m) | VERTICAL<br>(dBuv/m) | FCC CLASS B LIMIT<br>(dBuv/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 110.2              | 29.3                   | 33.5                 | 43.5                          |
| 121.9              | 32.96                  | 31.76                | 43.5                          |



|        |        |         |      |
|--------|--------|---------|------|
| 156.72 | 31.45  | 30.25   | 43.5 |
| 170    | 29.6   | 30.9    | 43.5 |
| 197.35 | 33.87  | AMBIENT | 43.5 |
| 231.34 | 36.25  | 35.65   | 46   |
| 237.96 | 37.7   | 36.9    | 46   |
| 265.29 | 36.7   | 37.7    | 46   |
| 271.96 | 39.08  | 36.98   | 46   |
| 292.67 | 38.66  | 36.66   | 46   |
| 303.85 | 31.616 | 36.816  | 46   |
| 310.15 | 33.24  | 36.74   | 46   |
| 319.24 | 32.076 | 36.376  | 46   |
| 325.91 | 33.524 | 29.324  | 46   |
| 335.35 | 34.84  | 38.74   | 46   |
| 339.87 | 35.66  | 39.96   | 46   |
| 346.56 | 35.028 | 37.728  | 46   |
| 353.26 | 37.1   | 30.5    | 46   |
| 360.72 | 37.9   | 36.7    | 46   |
| 367.29 | 32.9   | 35      | 46   |
| 373.85 | 36.2   | 38.3    | 46   |
| 408    | 37.396 | 28.696  | 46   |
| 421.26 | 34.252 | 36.852  | 46   |
| 428.71 | 36.196 | 38.796  | 46   |
| 441.99 | 34.108 | 38.508  | 46   |
| 455.14 | 34.42  | 39.02   | 46   |
| 462.56 | 30.412 | 36.212  | 46   |
| 476.01 | 35.652 | 37.032  | 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<br>(MHz) | HORIZONTAL<br>(dBuV/m) | VERTICAL<br>(dBuV/m) | FCC CLASS B LIMIT<br>(dBuV/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 71.33              | 26.18                  | 37.28                | 40                            |
| 115.28             | 33.1                   | 30.6                 | 43.5                          |
| 116.5              | 32.52                  | 36.32                | 43.5                          |
| 122.72             | 33.89                  | 35.29                | 43.5                          |
| 135.95             | 28.56                  | 31.96                | 43.5                          |
| 149.27             | 33.69                  | 33.49                | 43.5                          |
| 183.26             | 32.07                  | 27.67                | 43.5                          |
| 210.63             | 33.28                  | 31.28                | 43.5                          |
| 218.07             | 32.44                  | 32.04                | 46                            |
| 223.85             | 34.08                  | AMBIENT              | 46                            |
| 224.71             | AMBIENT                | 38.4                 | 46                            |
| 251.27             | 38.05                  | 33.35                | 46                            |
| 258.72             | 41.25                  | 35.75                | 46                            |
| 340                | 32.86                  | 37.86                | 46                            |
| 387.27             | 33.532                 | 38.532               | 46                            |
| 394.72             | 36.62                  | 39.12                | 46                            |
| 580.95             | 34.272                 | 38.672               | 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*

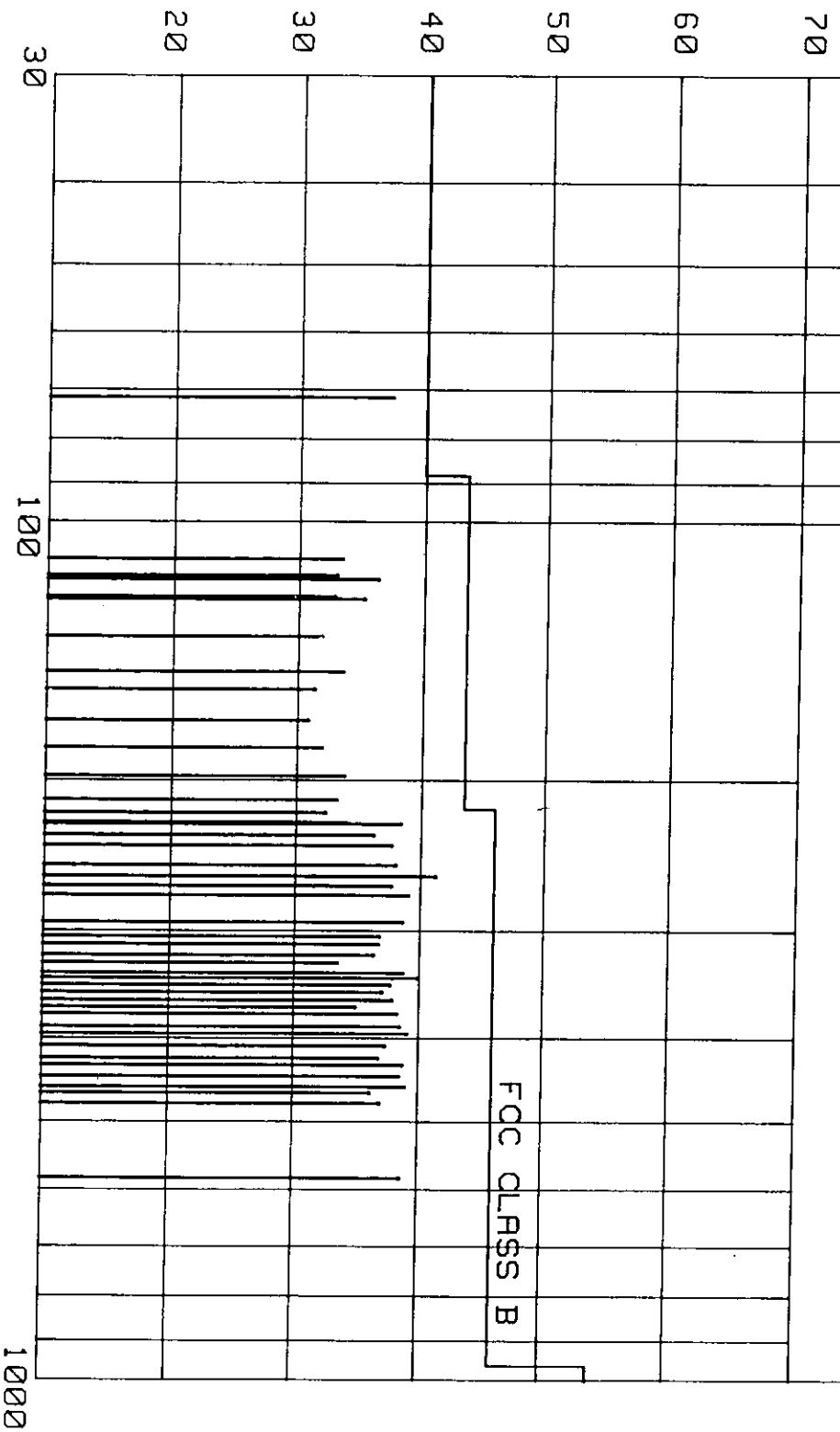
C.C.Wu

RFI EMISSION LEVEL dBuv/m

JUN/01/1998

REPORT NO: EMI98-043A  
MODEL NO: 151RX

FCC CLASS B



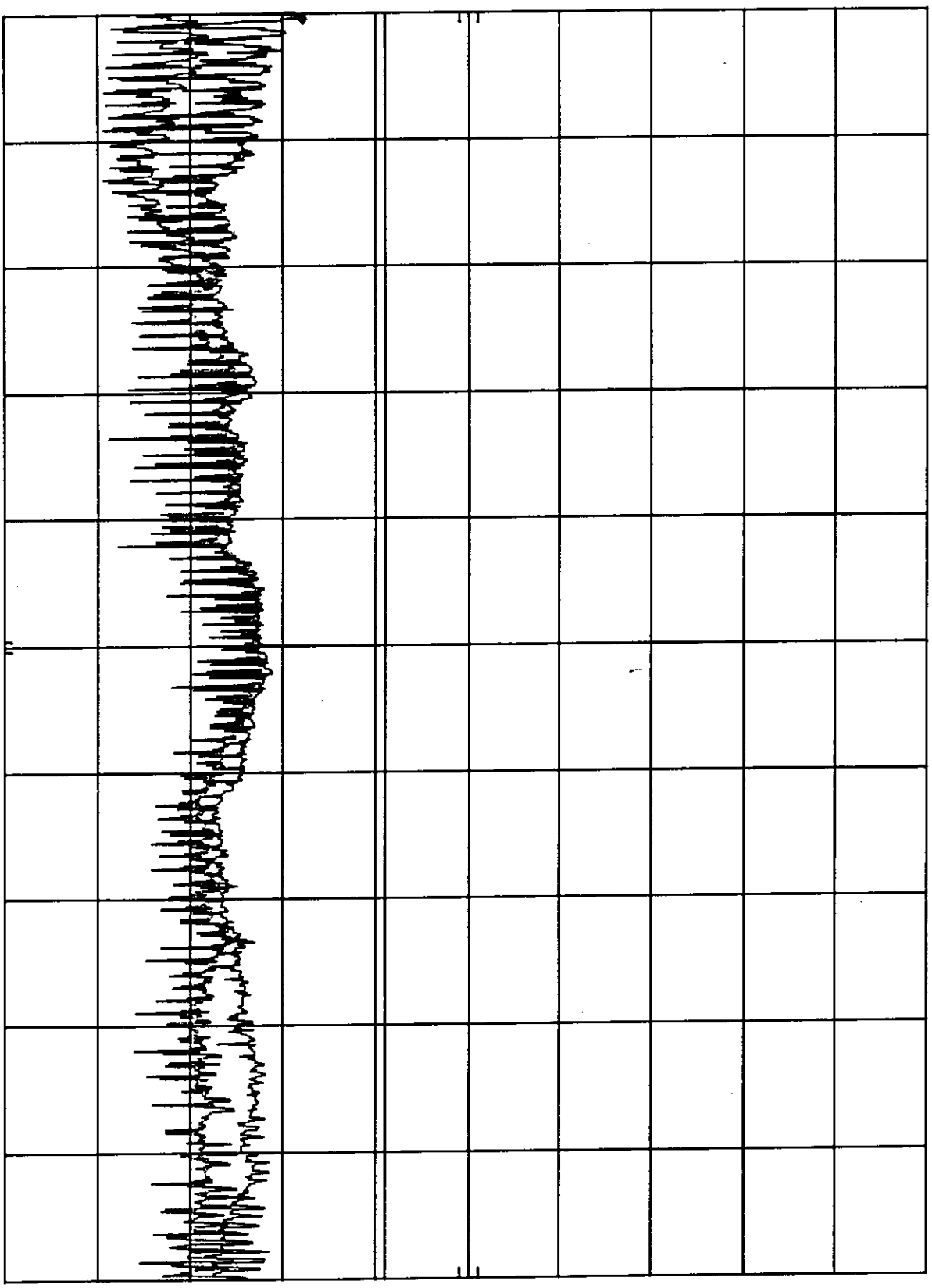
FREQUENCY MHz

h<sub>p</sub>

A3KM082 RUN 1024X768/60Hz 48.3KHz MODE AC220V MKR 510 KHz  
REF 107.0 dBμV ATTEN 10 dB 39.20 dBμV

10 dB/

DL  
48.0  
dBμV

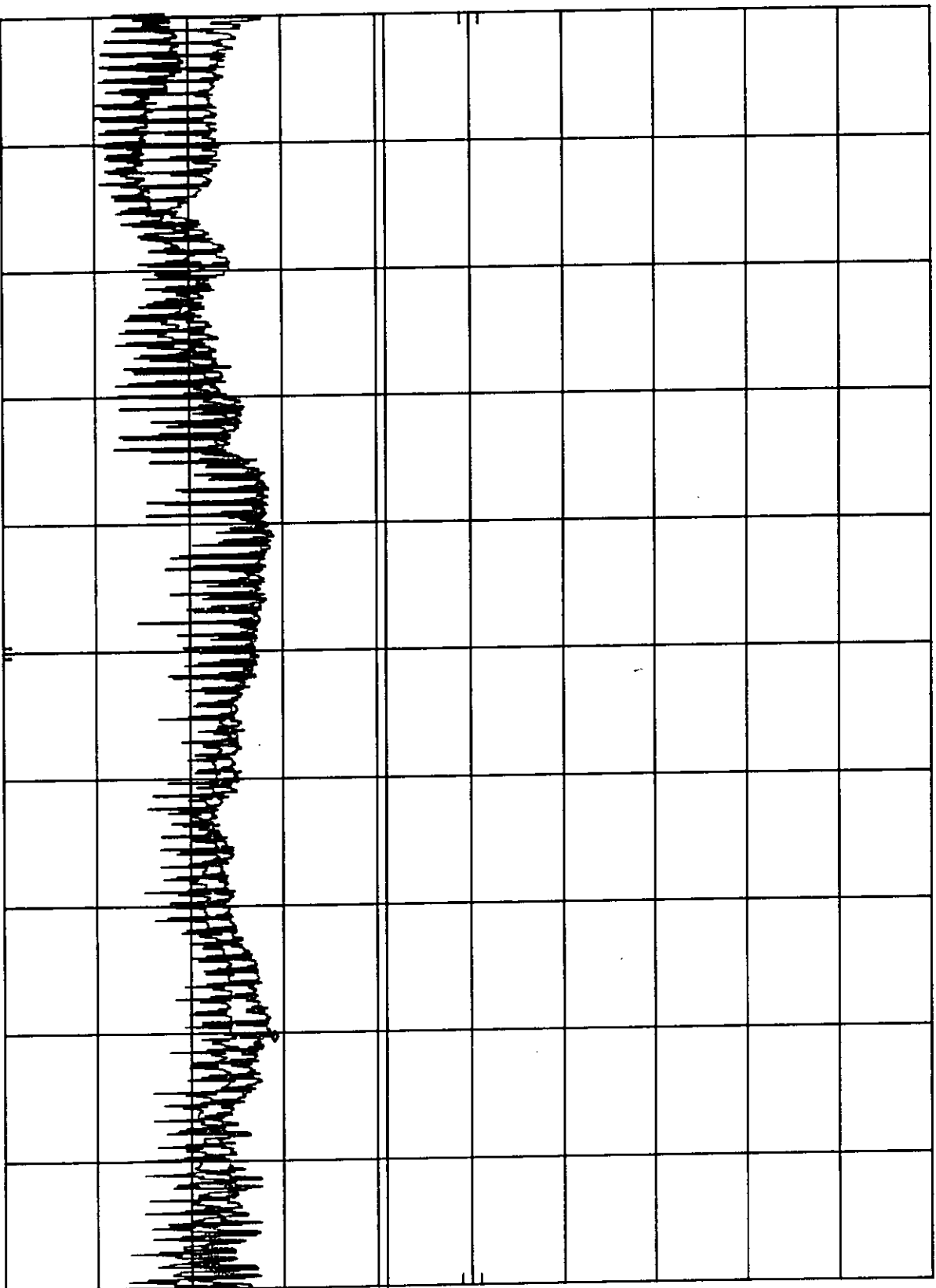


START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz  
SWP 750 msec

hpa A3KM082 RUN 1024X768/60HZ 48.3KHZ MODE AC110V MKR 24.15 MHZ  
REF 107.0 dBμV ATTEN 10 dB 36.00 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, 15" color LCD monitor,

Model No. : 1500FP  
 FCC ID : A3KM082  
 Brand : DELL

The monitor automatically scans horizontal frequencies between 30KHz and 61KHz , and vertical frequencies between 56Hz and 75Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1024X768 pixels.

The monitor has 6 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  | 37.5KHz     | 75Hz        | Non-interlaced |
| M04 | 800 X 600  | 46.9KHz     | 75Hz        | Non-interlaced |
| M05 | 1024 X 768 | 48.3KHz     | 60Hz        | Non-interlaced |
| M06 | 1024 X 768 | 60.0KHz     | 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.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         | 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 "1500FP" was connected to:

| Item         | Model No.       | Serial No.    | FCC ID     |
|--------------|-----------------|---------------|------------|
| 1. Computer  | Dell XPS R400   | EY1CQ         | FCC Logo   |
| 2. Keyboard  | Dell SK-1000REW | 0001435C      | GYUR57SK   |
| 3. Mouse     | Dell X03-60998  | 7132967       | C3KKMP5    |
| 4. Printer   | HP 2225C        | 3123S97227    | DSI6XU2225 |
| 5. Modem     | USRobotics 268  | 2680559278575 | CJE-0318   |
| 6. Vide Card | ATI EXPERT 98   | 0514036       | FCC Logo   |



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  |
|-------------|------------|--------------|
| EMC98- 067  | 1024 X 768 | 60.0KHz/75Hz |
| EMC97- 067A | 1024 X 768 | 48.3KHz/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" patten 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 $\mu$ v/m) = Reading (dB $\mu$ 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 : A3KM082  
REPORT NO.: EMI98-067A  
TEST DATE : SEP/09/1998  
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 : DELL 1500FP LCD COLOR MONITOR S/N.: --  
FCC ID. : A3KM082
2. COMPUTER: DELL Dimension XPS R400 S/N.: EY1C0  
FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419  
FCC ID. : DS16XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575  
FCC ID. : CJE-0318
5. MOUSE : DELL X03-60998 S/N.: 7132967  
FCC ID. : C3KKMP5
6. KEYBOARD: DELL SK-1000REW S/N.: 0001435C  
FCC ID. : GYUR57SK
7. VIDEO CARD : ATI EXPERT 98 S/N.: 0514036  
FCC ID. : FCC L060
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.  
48.3KHz MODE(1024X768/60Hz) WAS TESTED.  
FLY-IN I/O CABLE WITH TWO FERRITE CORES 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<br>(MHz) | HORIZONTAL<br>(dBuV/m) | VERTICAL<br>(dBuV/m) | FCC CLASS B LIMIT<br>(dBuV/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 48.75              | 28.96                  | 33.76                | 40                            |
| 53.27              | 27.53                  | 31.53                | 40                            |

FCC ID : A3KM082  
 -- #067A CONT. --

|        |         |         |      |
|--------|---------|---------|------|
| 58.18  | 26.38   | 29.38   | 40   |
| 63.1   | 25.19   | 31.79   | 40   |
| 68     | 27.24   | 33.04   | 40   |
| 82.74  | 31.05   | 32.45   | 40   |
| 111.84 | 28.82   | 28.52   | 43.5 |
| 116.75 | 30.72   | 32.62   | 43.5 |
| 121.66 | AMBIENT | 29.26   | 43.5 |
| 136    | 33.86   | 33.66   | 43.5 |
| 136.29 | AMBIENT | 30.46   | 43.5 |
| 140.88 | 31.41   | AMBIENT | 43.5 |
| 145.76 | 33.96   | AMBIENT | 43.5 |
| 155.67 | 27.2    | 29.5    | 43.5 |
| 162.52 | 33.09   | 30.59   | 43.5 |
| 165.13 | 32.45   | AMBIENT | 43.5 |
| 170    | 31.5    | 31.1    | 43.5 |
| 221.24 | 33.62   | 33.72   | 46   |
| 238    | 38.7    | 35.8    | 46   |
| 306    | 33.424  | 32.024  | 46   |
| 315.75 | 29.964  | 31.264  | 46   |
| 320.73 | 30.684  | 33.884  | 46   |
| 330.24 | 32.92   | AMBIENT | 46   |
| 335.04 | 31.54   | 31.74   | 46   |
| 339.99 | 34.46   | 33.66   | 46   |
| 349.77 | 32      | 31      | 46   |
| 354.74 | 31.6    | 32.4    | 46   |
| 364.23 | 31.5    | 31.8    | 46   |
| 374    | 33.9    | 35.4    | 46   |
| 376.03 | 31.736  | 33.136  | 46   |
| 380.66 | 32.716  | 34.016  | 46   |
| 385.31 | 38.06   | 37.96   | 46   |
| 389.95 | 32.94   | 36.44   | 46   |
| 408    | 32.796  | 36.496  | 46   |
| 476    | 35.532  | 38.732  | 46   |
| 510    | 34.38   | 39.88   | 46   |
| 513.75 | 36.912  | 39.512  | 46   |
| 527.67 | 34.012  | 33.812  | 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<br>(MHz) | HORIZONTAL<br>(dBuV/m) | VERTICAL<br>(dBuV/m) | FCC CLASS B LIMIT<br>(dBuV/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 68.47              | 23.44                  | 33.54                | 40                            |
| 72.91              | 29.14                  | 33.34                | 40                            |
| 160.24             | 35.1                   | 28.9                 | 43.5                          |
| 184.74             | 28.75                  | 32.05                | 43.5                          |
| 194.23             | 37.54                  | 31.04                | 43.5                          |
| 196.52             | 35.47                  | AMBIENT              | 43.5                          |
| 204                | 37.9                   | AMBIENT              | 43.5                          |
| 208.89             | 33.4                   | AMBIENT              | 43.5                          |

FCC ID : A3KM082  
-- #067A CONT. --

|        |       |       |      |
|--------|-------|-------|------|
| 211.48 | 34.08 | 28.38 | 43.5 |
| 213.75 | 37.22 | 31.72 | 43.5 |
| 218.75 | 32.12 | 29.52 | 46   |
| 228.22 | 37.16 | 30.86 | 46   |
| 230.53 | 34.15 | 32.25 | 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*

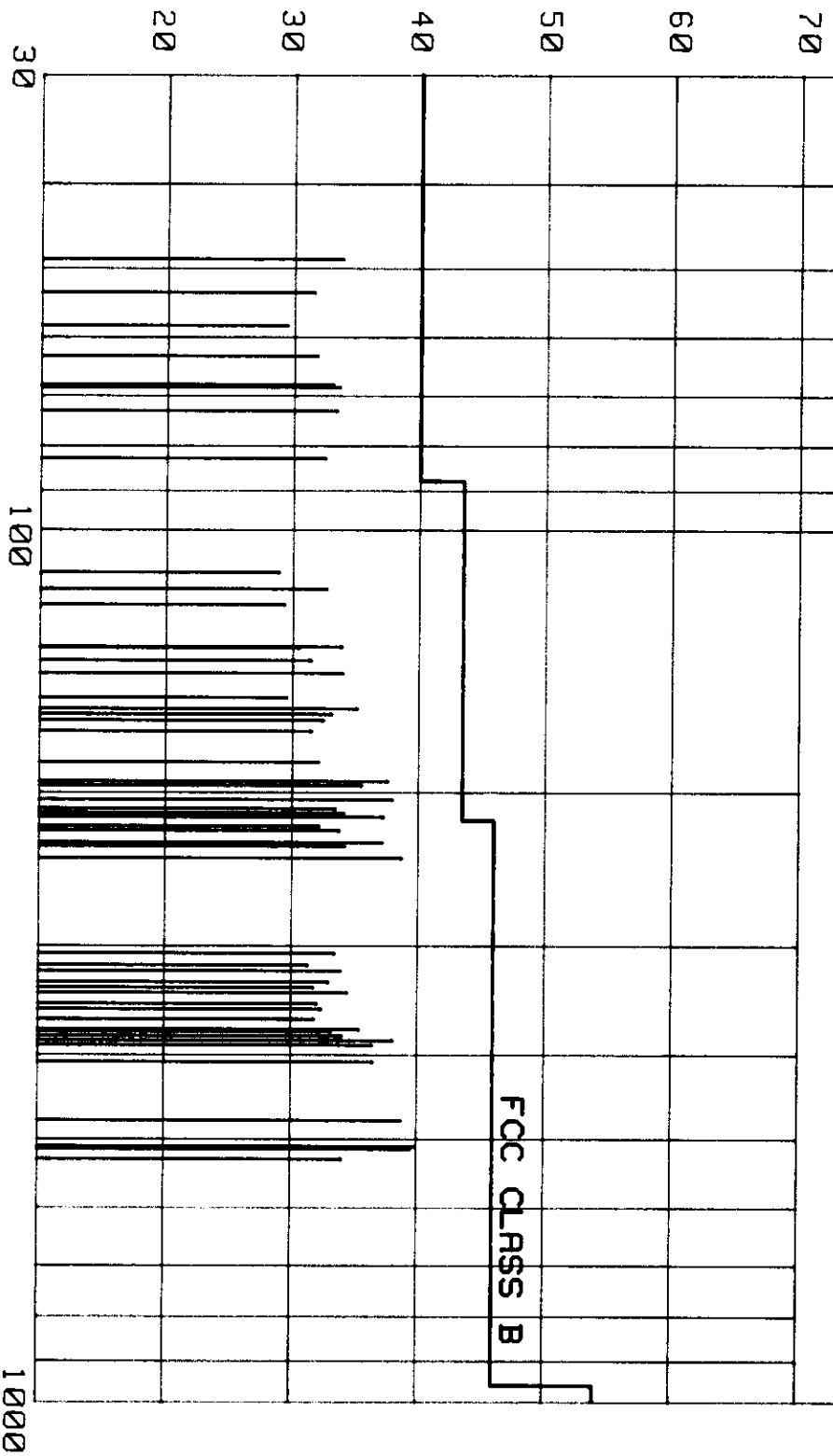
-----  
K.J.HSU, NVLAP SIGNATORY

-----  
C.C.Wu

RFI EMISSION LEVEL dBuV/m

SEP/09/1998

REPORT NO: EMI98-067A  
MODEL NO: DELL 1500FP



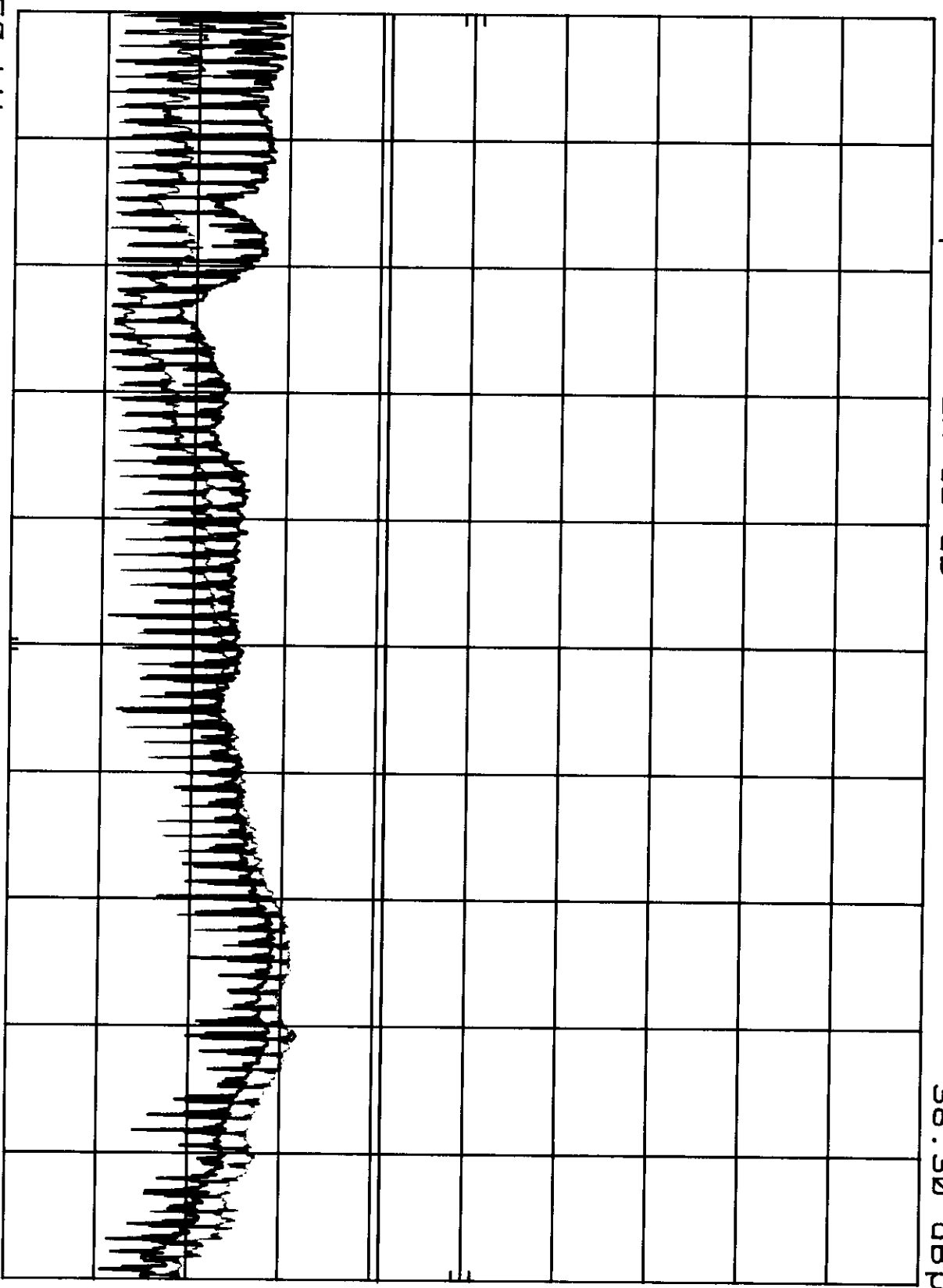
FCC CLASS B

FREQUENCY MHz

A3KM082 RUN1024X768/60HZ 48.3KHZ MODE AC110V MKR 24.30 MHZ  
h<sub>p</sub> REF 107.0 dBμV ATTEN 10 dB 38.30 dBμV

10 dB/

DL  
48.0  
dBμV

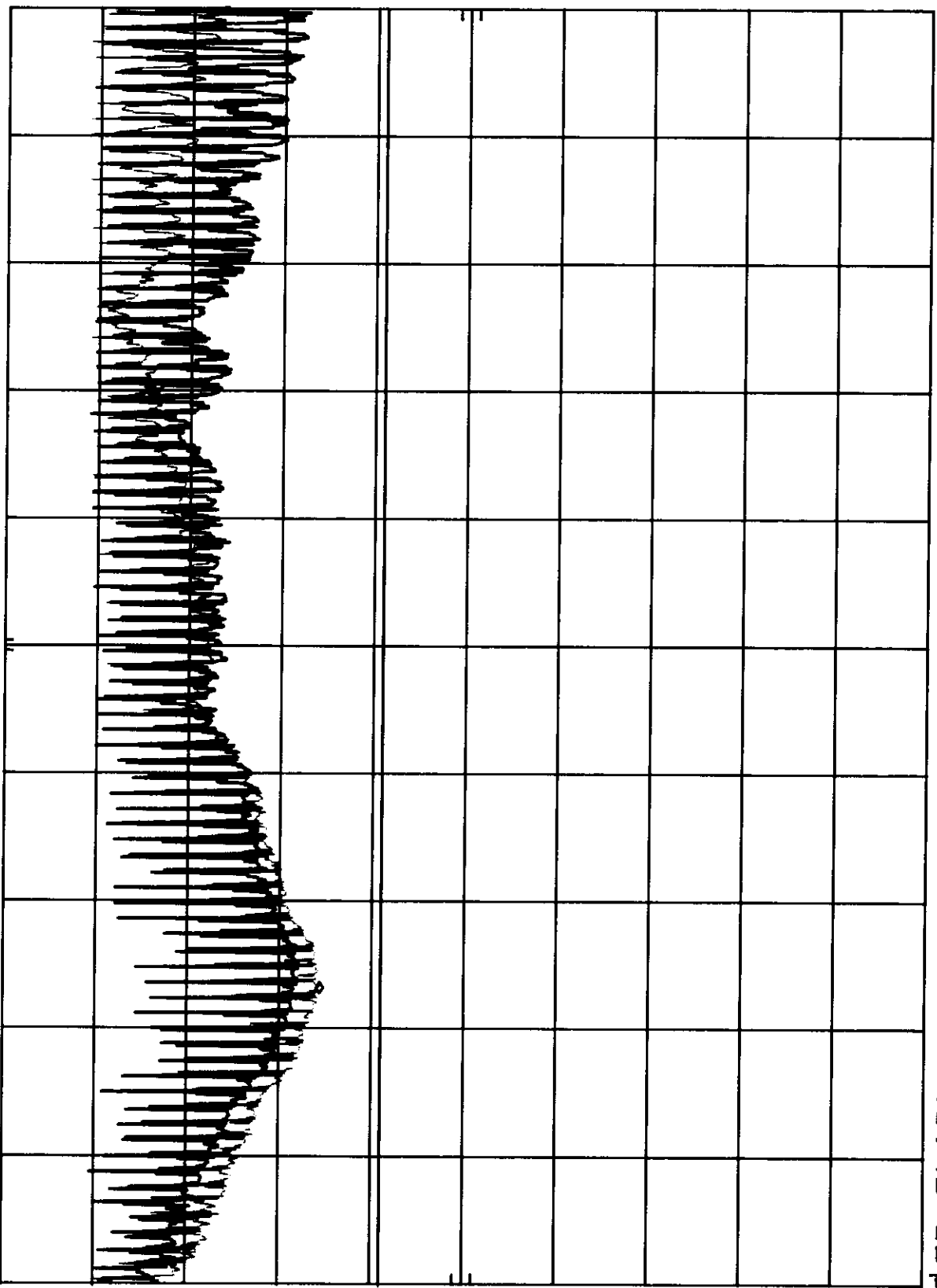


START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ  
SWP 750 msec

A3KM082 RN 1024X768/60HZ 48.3KHZ MODE AC220V MKR 23.11 MHZ  
hP REF 107.0 dBμV ATTEN 10 dB 41.40 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 : A3KM082  
 REPORT NO.: EM198-067  
 TEST DATE : SEP/08/1998  
 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, TACYUAN, TAIWAN, R.O.C.  
 TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED

## TESTED SYSTEM:

1. EUT : DELL 1500FP LCD COLOR MONITOR S/N.: --  
 FCC ID. : A3KM082
2. COMPUTER: DELL Dimension XPS R400 S/N.: EY1CQ  
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419  
 FCC ID. : DS16XU2225
4. MODEM : USRobotics 258 S/N.: 0002680559278575  
 FCC ID. : CJE-0318
5. MOUSE : DELL X03-60998 S/N.: 7132967  
 FCC ID. : C3KKMP5
6. KEYBOARD: DELL SK-1000REW S/N.: 0001435C  
 FCC ID. : GYUR57SK
7. VIDEO CARD : ATI EXPERT 98 S/N.: 051403B  
 FCC ID. : FCC L060
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.  
 48.3Kz MODE(1024X768/60Hz) WAS TESTED.  
 FLY-IN I/O CABLE WITH TWO FERRITE CORES 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<br>(MHz) | HORIZONTAL<br>(dBuV/m) | VERTICAL<br>(dBuV/m) | FCC CLASS B LIMIT<br>(dBuV/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 38.85              | 26.84                  | 29.14                | 40                            |
| 43.71              | 24.46                  | 29.56                | 40                            |
| 53.44              | 27.23                  | 33.43                | 40                            |
| 58.3               | 24.48                  | 31.08                | 40                            |
| 63.15              | 27.19                  | 33.69                | 40                            |
| 72.68              | 29.84                  | 33.64                | 40                            |
| 82.52              | 33.05                  | 33.15                | 40                            |

|        |        |         |      |
|--------|--------|---------|------|
| 140.8  | 28.01  | 33.11   | 43.5 |
| 150.57 | 30.25  | 32.85   | 43.5 |
| 155.43 | 29.35  | 30.15   | 43.5 |
| 170    | 32     | 31.3    | 43.5 |
| 184.57 | 31.55  | 33.05   | 43.5 |
| 194.48 | 32.04  | 30.54   | 43.5 |
| 208.82 | 33.8   | AMBIENT | 43.5 |
| 213.74 | 31.82  | 31.82   | 43.5 |
| 218.58 | 33.52  | 32.82   | 46   |
| 223.45 | 32.86  | 32.56   | 46   |
| 238    | 38.4   | 36.6    | 46   |
| 306    | 33.124 | 31.424  | 46   |
| 313.29 | 32.552 | 32.452  | 46   |
| 314.17 | 32.156 | 34.356  | 46   |
| 332.69 | 33.892 | 33.092  | 46   |
| 347.3  | 33.928 | 31.628  | 46   |
| 366.68 | 33.4   | 31.2    | 46   |
| 391.29 | 32.616 | 32.316  | 46   |
| 454.44 | 33.296 | 34.096  | 46   |
| 475.98 | 38.332 | 38.132  | 46   |
| 480.85 | 35.292 | 33.492  | 46   |
| 488.1  | 34.316 | 37.316  | 46   |
| 510    | 35.18  | 35.58   | 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<br>(MHz) | HORIZONTAL<br>(dBuv/m) | VERTICAL<br>(dBuv/m) | FCC CLASS B LIMIT<br>(dBuv/m) |
|--------------------|------------------------|----------------------|-------------------------------|
| 48.57              | 25.96                  | 33.06                | 40                            |
| 68.01              | 26.34                  | 34.54                | 40                            |
| 116.56             | 30.02                  | 33.82                | 43.5                          |
| 204                | 37.8                   | AMBIENT              | 43.5                          |
| 471.27             | 43.304                 | 41.304               | 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

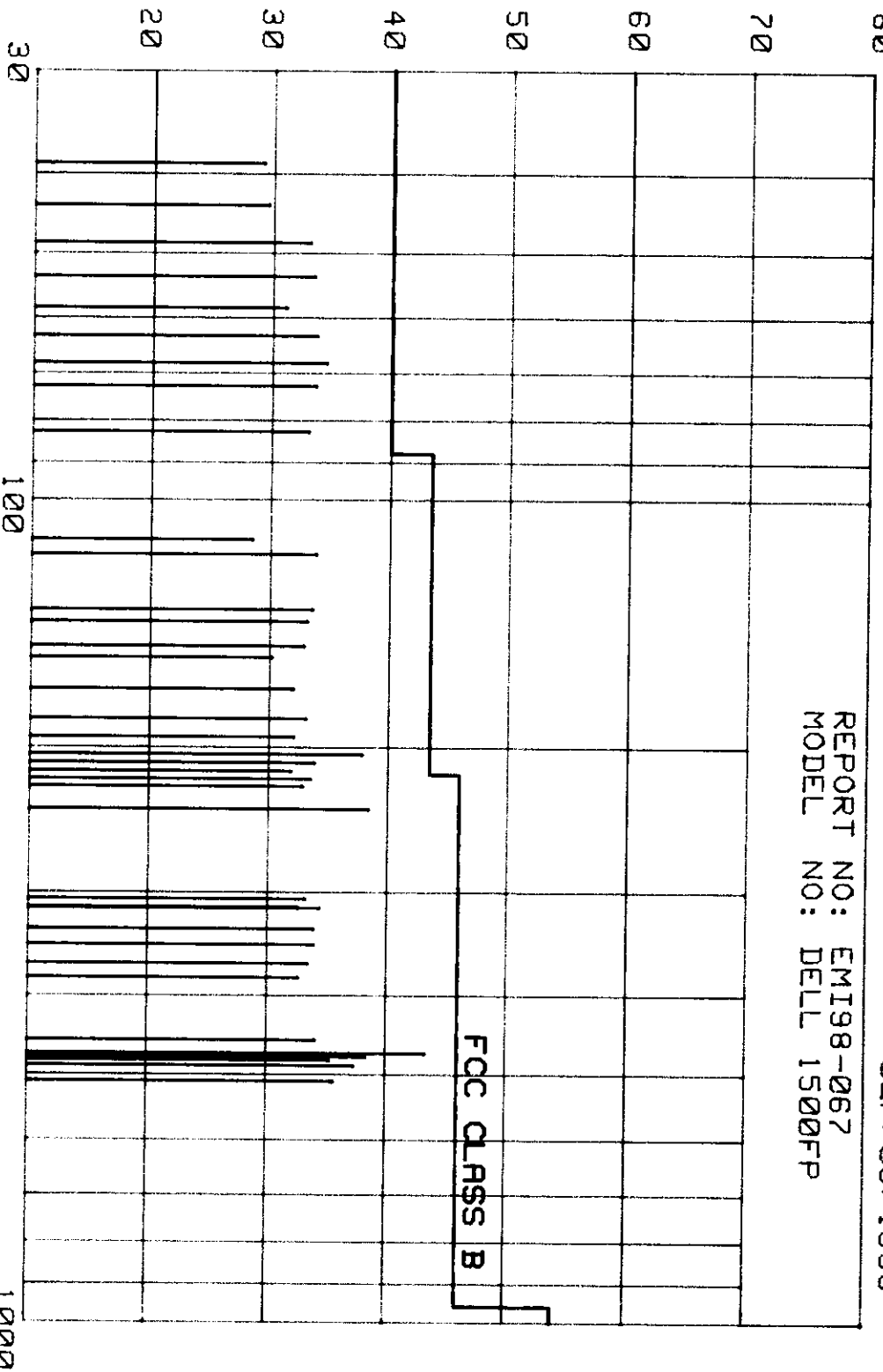
# THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

RFI EMISSION LEVEL dBuV/m

SEP/08/1998

REPORT NO: EM198-067  
MODEL NO: DELL 1500FP

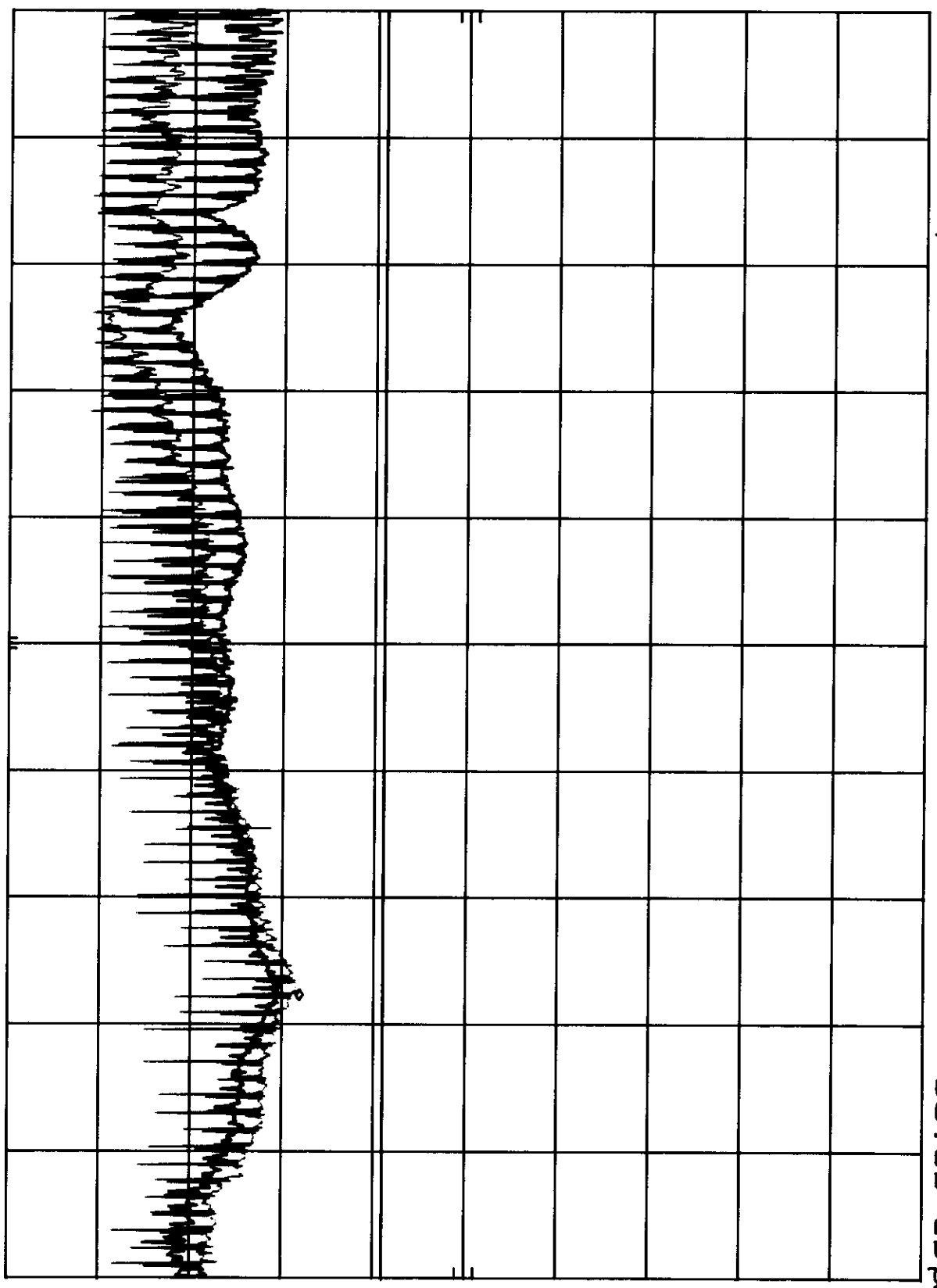


FREQUENCY MHz

A3KM082 RUN 1024X768/75Hz 60KHz MODE AC110V MKR 23.38 MHz  
h<sub>p</sub> REF 107.0 dBμV ATTN 10 dB 38.90 dBμV

10 dB/

DL  
48.0  
dBμV

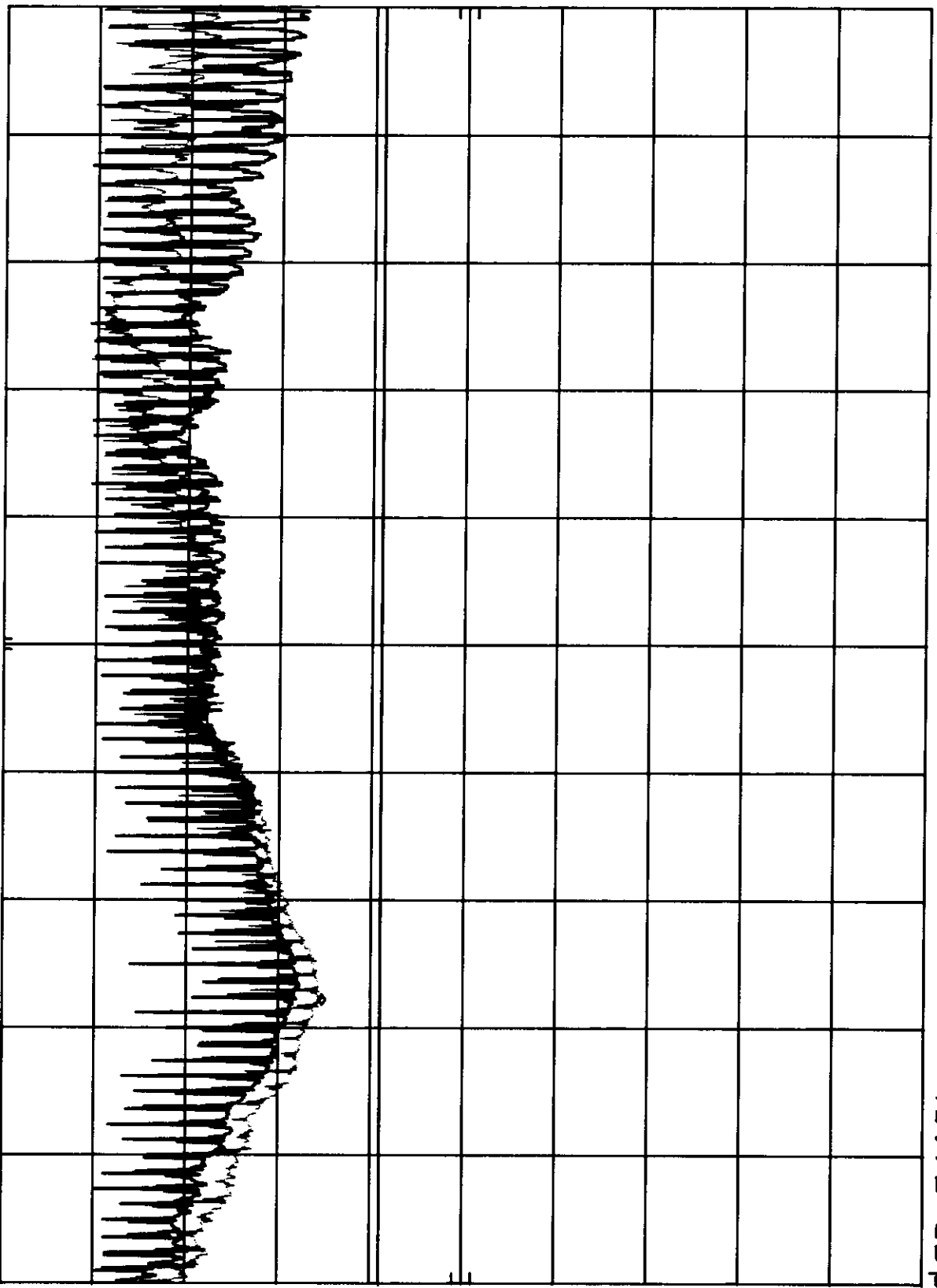


START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz  
SWP 750 msec

A3KM082 RUN 1024X768/75Hz 60KHz MODE AC220V MKR 23.41 MHz  
REF 107.0 dBμV ATTEN 10 dB 41.70 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 7**

# **Photographs**