

**Exhibit 8**

**TEST REPORT OF RADIATED AND  
CONDUCTED EMISSIONS**

## STATEMENT OF DATA MEASURED

### 1. General Information of EUT

The EUT, 18" LCD color monitor :

Model No. : 18L8025Q  
 FCC ID : A3KM087  
 Brand : PHILIPS

The LCD monitor automatically scans horizontal frequencies between 30KHz and 82KHz , 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 1280x1024 pixels. .

The monitor has 27 factory-preset modes as indicated in the following table:

|     | Resolution  | H-Frequency | V-Frequency | Remark         |
|-----|-------------|-------------|-------------|----------------|
| M01 | 640 X 350   | 31.5KHz     | 70Hz        | Non-interlaced |
| M02 | 720 X 400   | 31.5KHz     | 70Hz        | Non-interlaced |
| M03 | 640 X 480   | 37.5KHz     | 75Hz        | Non-interlaced |
| M04 | 640 X 480   | 37.9KHz     | 72Hz        | Non-interlaced |
| M05 | 640 X 480   | 35.0KHz     | 67Hz        | Non-interlaced |
| M06 | 640 X 480   | 31.5KHz     | 60Hz        | Non-interlaced |
| M07 | 800 X 600   | 35.2KHz     | 56Hz        | Non-interlaced |
| M08 | 800 X 600   | 46.9KHz     | 75Hz        | Non-interlaced |
| M09 | 800 X 600   | 37.9KHz     | 60Hz        | Non-interlaced |
| M10 | 832 X 624   | 49.7KHz     | 75Hz        | Non-interlaced |
| M11 | 800 X 600   | 48.1KHz     | 72Hz        | Non-interlaced |
| M12 | 1024 X 768  | 60.0KHz     | 75Hz        | Non-interlaced |
| M13 | 1024 X 768  | 48.3KHz     | 60Hz        | Non-interlaced |
| M14 | 1024 X 768  | 56.5KHz     | 70Hz        | Non-interlaced |
| M15 | 1024 X 768  | 61.1KHz     | 76Hz        | Non-interlaced |
| M16 | 1152 X 864  | 67.5KHz     | 75Hz        | Non-interlaced |
| M17 | 1152 X 864  | 63.9KHz     | 70Hz        | Non-interlaced |
| M18 | 1152 X 870  | 68.7KHz     | 75Hz        | Non-interlaced |
| M19 | 1152 X 900  | 61.8KHz     | 66Hz        | Non-interlaced |
| M20 | 1152 X 900  | 71.8KHz     | 76Hz        | Non-interlaced |
| M21 | 1280 X 960  | 60.0KHz     | 60Hz        | Non-interlaced |
| M22 | 1280 X 960  | 75.0KHz     | 75Hz        | Non-interlaced |
| M23 | 1280 X 1024 | 76.0KHz     | 72Hz        | Non-interlaced |
| M24 | 1280 X 1024 | 64.0KHz     | 60Hz        | Non-interlaced |
| M25 | 1280 X 1024 | 80.0KHz     | 75Hz        | Non-interlaced |
| M26 | 1280 X 1024 | 81.1KHz     | 76Hz        | Non-interlaced |
| M27 | 1280 X 1024 | 71.7KHz     | 67Hz        | 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@cli.ce.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         | 2808A17338  | 11/17/1998      |
| RF Preselector       | HP85685A        | 2620A00138  | 11/17/1998      |
| QP Adapter           | HP85650A        | 2811A01326  | 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 | 3/22/1999       |
| 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   | 3/15/1999       |
| LISN                 | EMCO 3825/2     | 9311-2154   | 3/15/1999       |
| Turn Table           | EMCO 1060       | 1068        | 3/31/1999       |
| Antenna Tower        | EMCO 1050       | 1113        | 3/31/1999       |
| RF Cable             | M17/75-RG214-NE | N/A         | 3/31/1999       |
| 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 "18L8025Q" was connected to:

| Item         | Model No.           | Serial No.       | FCC ID     |
|--------------|---------------------|------------------|------------|
| 1. Computer  | IBM Aptiva 2176-T33 | 90-A58TZ         | FCC Logo   |
| 2. Keyboard  | IBM KB-7953         | 0024658          | FCC Logo   |
| 3. Mouse     | IBM M-S34           | 23-146196        | DZL211029  |
| 4. Printer   | HP 2225C            | 3123S97227       | DSI6XU2225 |
| 5. Modem     | USRobotics 268      | 0002680559278575 | CJE-0318   |
| 6. Vide Card | Winner 3000L        | 023004001190     | KJGW3000L  |
| 7. CD-ROM    | Sony CDU31A         | --               | KGACDU31A2 |

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 3 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.

D-sub and BNC types I/F cable were used receptively.

Extra USB-Keyboard, USB-Mouse and 2 USB cables with dummy load were connected to USB HUB.

Tested and reported modes as following:

| Report No. | Resolution  | Frequencies  | I/F Cable |
|------------|-------------|--------------|-----------|
| EMI99-016  | 1280 X 1024 | 80.0KHz/75Hz | D-sub     |
| EMI99-016A | 1280 X 1024 | 80.0KHz/75Hz | BNC       |
| EMI99-016B | 1280 x 1024 | 64.0KHz/60Hz | D-sub     |

### 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 $\mu$ 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.**



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

FCC TEST REPORT

FCC ID : A3KM087  
REPORT NO.: EMI99-016  
TEST DATE : APR./12/1999  
TEST ENGI.: C.C.Wu

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

MANUFACTURER : PHILIPS  
TESTED SYSTEM:

1. EUT : 18L8025Q LCD COLOR MONITOR S/N.: TY9904016  
FCC ID. : A3KM087
2. COMPUTER: IBM Aptiva 2176-T33 S/N.: 90-A58TZ  
FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145502419  
FCC ID. : DSI6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575  
FCC ID. : CJE-0318
5. MOUSE : IBM M-S34 S/N.: 23-146196  
FCC ID. : DZL211029
6. KEYBOARD: IBM KB-7953 S/N.: 0024658  
FCC ID. : FCC LOGO
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.  
80.0Kz MODE(1280X1024/75Hz) WAS TESTED.  
D-USB I/O CABLE WITH TWO FERRITE CORES WAS USED  
UNSHIELDED MAINS CORD WAS USED DURING TEST.  
EXTRA EARPHONE AND MICPHONE WERE USED DURING TEST.  
EXTRA USB-KEYBOARD,USB-MOUSE AND 2 USB-CABLES WERE CONNECTED  
TO USB HUB.

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) |
|--------------------|------------------------|----------------------|-------------------------------|
| 42.82              | 26.62                  | 32.22                | 40                            |
| 72                 | 28.16                  | 32.66                | 40                            |
| 75.92              | 30.18                  | 32.48                | 40                            |
| 85.64              | 27.8                   | 29.6                 | 40                            |
| 123.42             | 32.09                  | 29.59                | 43.5                          |
| 128.1              | 30.24                  | 27.94                | 43.5                          |
| 133.1              | 31.83                  | 29.93                | 43.5                          |
| 137.81             | 32.38                  | 30.38                | 43.5                          |
| 151.84             | 33.9                   | 31                   | 43.5                          |
| 180.46             | 32.8                   | 31.5                 | 43.5                          |
| 242.33             | 36.88                  | 38.68                | 46                            |
| 246                | 37.54                  | 36.04                | 46                            |
| 252                | 38.6                   | 35                   | 46                            |
| 265.95             | 38.54                  | 38.54                | 46                            |
| 270.56             | 35.24                  | 36.24                | 46                            |
| 276                | 38.34                  | AMBIENT              | 46                            |
| 289.68             | 36.5                   | 35.5                 | 46                            |
| 294.3              | 37.18                  | 35.98                | 46                            |
| 300                | 36.7                   | 35.6                 | 46                            |
| 304                | 33.516                 | 30.516               | 46                            |
| 308.71             | 33.036                 | 32.936               | 46                            |
| 312                | 36.148                 | 33.848               | 46                            |
| 318.02             | 34.772                 | 31.572               | 46                            |
| 323.06             | 30.492                 | 30.692               | 46                            |
| 324                | 31.396                 | 30.596               | 46                            |
| 329.97             | 34.12                  | 29.52                | 46                            |
| 336.54             | 33.388                 | 33.988               | 46                            |
| 341.97             | 33.308                 | 32.608               | 46                            |
| 347.97             | 33.552                 | 30.252               | 46                            |
| 353.97             | 31.9                   | 30.5                 | 46                            |
| 356.66             | 36.8                   | 33.5                 | 46                            |
| 363.47             | 35                     | 32.4                 | 46                            |
| 365.69             | 33.9                   | 34.3                 | 46                            |
| 372.01             | 32.5                   | 30.9                 | 46                            |
| 376.93             | 32.172                 | 32.072               | 46                            |
| 379.93             | 38.88                  | 38.88                | 46                            |
| 384.01             | 37.424                 | 35.924               | 46                            |
| 389.43             | 34.604                 | 39.504               | 46                            |
| 396.22             | 36.056                 | 36.656               | 46                            |
| 398.43             | 34.628                 | 31.528               | 46                            |
| 427.43             | 37.948                 | 36.348               | 46                            |
| 436.76             | 32.688                 | 33.688               | 46                            |
| 441.03             | 33.584                 | 31.984               | 46                            |
| 455.93             | 34.944                 | 34.944               | 46                            |
| 460.54             | 33.664                 | 34.864               | 46                            |

|        |        |        |    |
|--------|--------|--------|----|
| 471.17 | 35.304 | 36.604 | 46 |
| 474.93 | 35.4   | 37.8   | 46 |
| 493.91 | 35.508 | 36.808 | 46 |
| 503.42 | 35.224 | 33.524 | 46 |
| 512.92 | 35.804 | 36.004 | 46 |
| 522.43 | 34.676 | 37.676 | 46 |
| 538.47 | 36.852 | 34.552 | 46 |
| 541.42 | 35.464 | 33.564 | 46 |
| 550.91 | 33.724 | 33.724 | 46 |
| 560.41 | 34.24  | 33.44  | 46 |
| 569.91 | 35.58  | 33.98  | 46 |
| 588.89 | 34.968 | 37.368 | 46 |
| 594.41 | 35.228 | 37.128 | 46 |
| 605.79 | 39.792 | 39.692 | 46 |
| 617.4  | 37.344 | 38.244 | 46 |
| 636.39 | 36.44  | 37.24  | 46 |
| 767.3  | 38.772 | 39.372 | 46 |
| 788.37 | 38.908 | 39.708 | 46 |
| 834.63 | 39.56  | 39.26  | 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) |
|--------------------|------------------------|----------------------|-------------------------------|
| 47.5               | 29.62                  | 34.02                | 40                            |
| 52.17              | 32.52                  | 33.82                | 40                            |
| 56.84              | 29.97                  | 35.67                | 40                            |
| 61.89              | 30.56                  | 35.76                | 40                            |
| 66.55              | 34.61                  | 35.71                | 40                            |
| 71.24              | 34.38                  | 36.58                | 40                            |
| 118.74             | 35.14                  | 33.54                | 43.5                          |
| 142.48             | 38.52                  | 36.32                | 43.5                          |
| 150.71             | 30.85                  | 37.15                | 43.5                          |
| 161.62             | 34.16                  | 34.56                | 43.5                          |
| 170.98             | 32.93                  | 31.13                | 43.5                          |
| 189.98             | 40.2                   | 40.5                 | 43.5                          |
| 209                | 32.6                   | 30.2                 | 43.5                          |
| 218.46             | 32.74                  | 31.94                | 46                            |
| 228                | 32.06                  | 31.56                | 46                            |
| 237.47             | 41.15                  | 39.55                | 46                            |
| 261.22             | 38.24                  | 36.24                | 46                            |
| 332.45             | 42.868                 | 40.968               | 46                            |
| 408.43             | 36.296                 | 40.096               | 46                            |
| 417.93             | 36.916                 | 40.616               | 46                            |
| 480.01             | 40.36                  | 39.06                | 46                            |
| 528.01             | 39.712                 | 39.312               | 46                            |
| 673.08             | 38.364                 | 37.764               | 46                            |

FCC ID : A3KM087

-- #016 CONT. --

|        |        |        |    |
|--------|--------|--------|----|
| 780.78 | 38.196 | 38.696 | 46 |
| 807.69 | 41.528 | 39.428 | 46 |
| 901.92 | 39.208 | 39.508 | 46 |
| 915.38 | 38.16  | 39.86  | 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

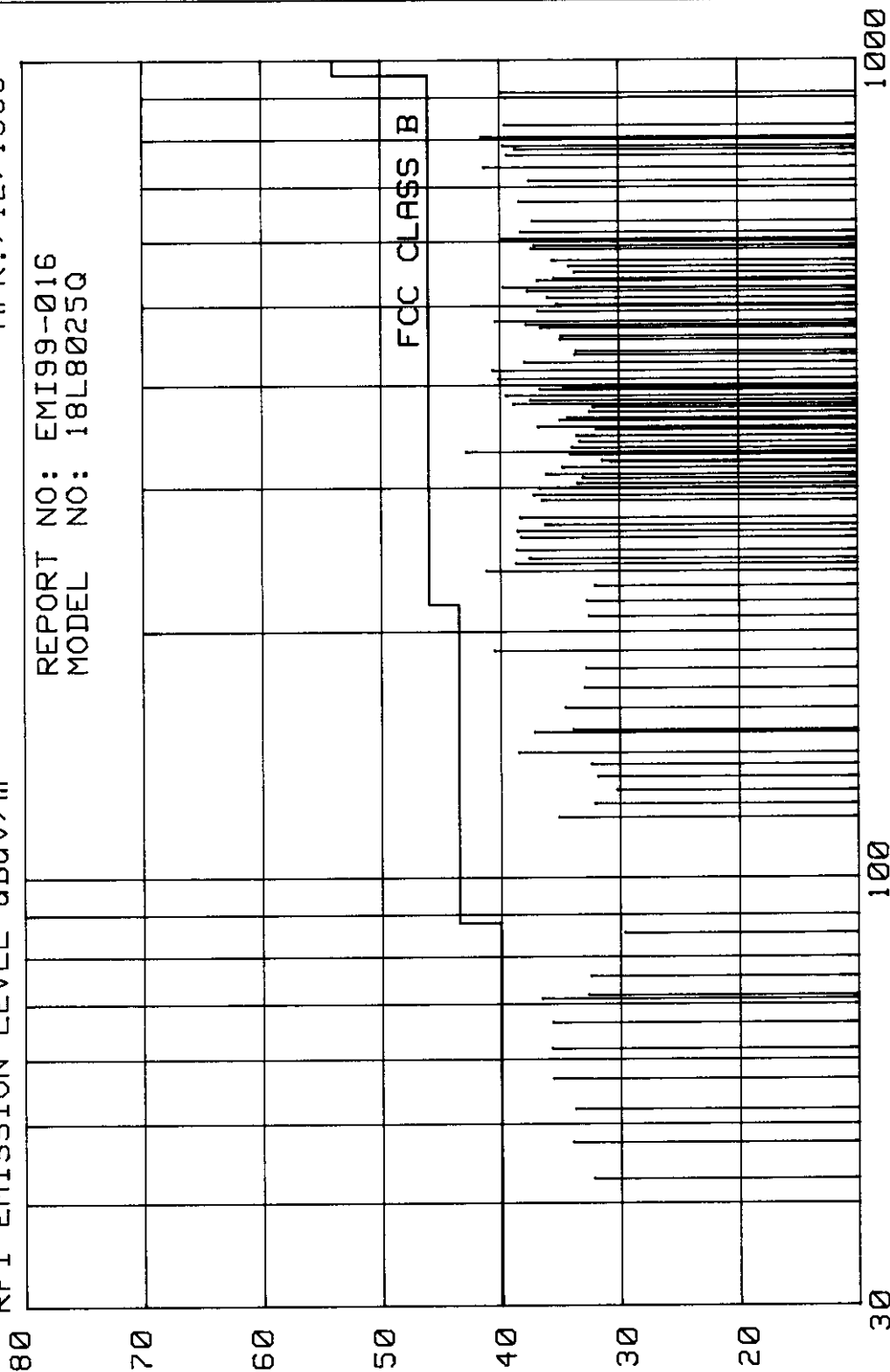
APR./12/1999

RFI EMISSION LEVEL dBuv/m

REPORT NO: EMI99-016  
MODEL NO: 18L8025Q

FCC CLASS B

FREQUENCY MHz

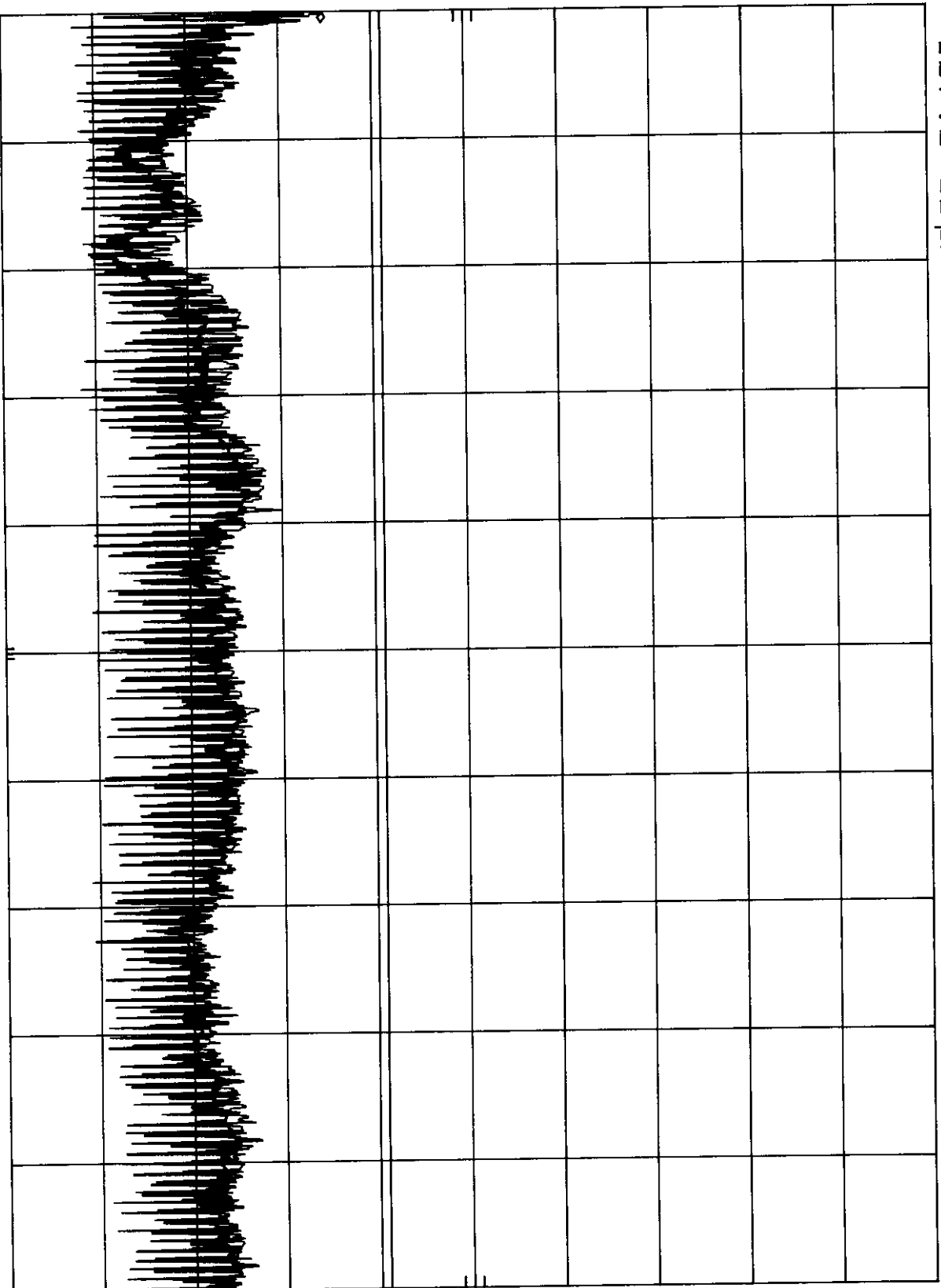


hp

A3KM087 1280X1024/75Hz 80KHz 110VAC D-SUB I/F MKR 510 KHz  
REF 107.0 dBμV ATEN 10 dB 41.70 dBμV

10 dB/

DL  
48.0  
dBμV



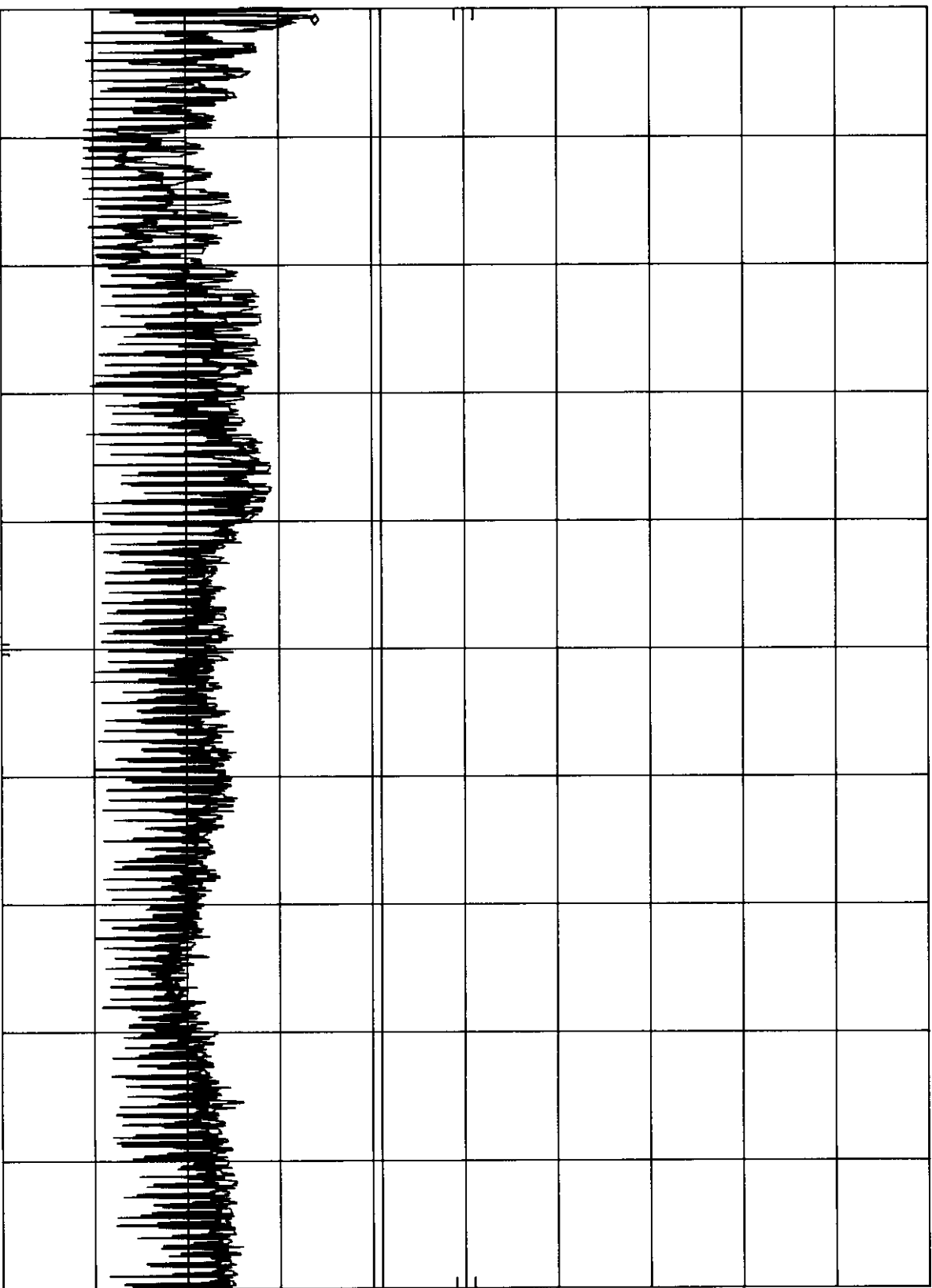
START 450 KHz STOP 30.00 MHz  
RES BW 10 KHz VBW 10 KHz SWP 750 msec

HP

A3KM087 1280X1024/75Hz 80KHz 220VAC D-SUB I/F MKR 660 KHz  
REF 107.0 dBμV ATTN 10 dB 41.00 dBμV

10 dB/

DL  
48.0  
dBμV



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

FCC TEST REPORT  
-----

FCC ID : A3KM087  
REPORT NO.: EMI99-016A  
TEST DATE : APR./13/1999  
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 : 18L8025Q LCD COLOR MONITOR S/N.: TY9904016  
FCC ID. : A3KM087
2. COMPUTER: IBM Aptiva 2176-T33 S/N.: 90-A58TZ  
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 : IBM M-S34 S/N.: 23-146196  
FCC ID. : DZL211029
6. KEYBOARD: IBM KB-7953 S/N.: 0024658  
FCC ID. : FCC LOGO
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  
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D-USB I/O CABLE WITH TWO FERRITE CORES WAS USED  
UNSHIELDED MAINS CORD WAS USED DURING TEST.  
EXTRA EARPHONE AND MICPHONE WERE USED DURING TEST.  
EXTRA USB-KEYBOARD,USB-MOUSE AND 2 USB-CABLES WERE CONNECTED  
TO USB HUB.

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) |
|--------------------|------------------------|----------------------|-------------------------------|
| 39.98              | 26.9                   | 31.2                 | 40                            |
| 72                 | 28.36                  | 33.36                | 40                            |
| 111.89             | 27.82                  | 33.82                | 43.5                          |
| 216.02             | 33.68                  | 31.08                | 46                            |
| 216.62             | 33.96                  | 32.36                | 46                            |
| 234                | 35.7                   | 35.7                 | 46                            |
| 237.91             | 37                     | 37.3                 | 46                            |
| 246.02             | 36.64                  | 34.94                | 46                            |
| 252.02             | 37.2                   | 34.8                 | 46                            |
| 258.03             | 36.4                   | 34.9                 | 46                            |
| 264.03             | 35.36                  | 34.96                | 46                            |
| 276.03             | 36.84                  | AMBIENT              | 46                            |
| 288.03             | 37.1                   | 35.6                 | 46                            |
| 302.52             | 29.412                 | 30.712               | 46                            |
| 310.85             | 29.144                 | 31.144               | 46                            |
| 323.55             | 32.696                 | 32.896               | 46                            |
| 324.91             | 31.5                   | 31.3                 | 46                            |
| 356.6              | 37.8                   | 36.1                 | 46                            |
| 361.39             | 37.2                   | 37                   | 46                            |
| 379.07             | 34.744                 | 34.044               | 46                            |
| 396.21             | 34.256                 | 39.156               | 46                            |
| 401.52             | 35.724                 | 38.624               | 46                            |
| 416.01             | 34.792                 | 33.692               | 46                            |
| 441.01             | 32.584                 | 35.684               | 46                            |
| 449.32             | 31.876                 | 33.776               | 46                            |
| 481.01             | 33.192                 | 35.892               | 46                            |
| 522.07             | 32.576                 | 33.676               | 46                            |
| 562.32             | 34.088                 | 35.988               | 46                            |
| 594.39             | 37.228                 | 37.228               | 46                            |
| 628.18             | 38.52                  | 39.62                | 46                            |
| 639                | 36.76                  | 36.56                | 46                            |
| 747.29             | 39.236                 | 38.536               | 46                            |
| 790.62             | 39.956                 | 39.556               | 46                            |
| 996.38             | 41.72                  | 42.12                | 46                            |

# ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED.  
 SPECTRUM ANALYZER SETTINGS:  
 RBW : 100KHz  
 VBW : 100KHz

FCC ID : A3KM087

-- #016A CONT. --

# 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) |
|--------------------|------------------------|----------------------|-------------------------------|
| 52.12              | 29.92                  | 32.32                | 40                            |
| 56                 | 30.06                  | 33.76                | 40                            |
| 59.86              | 31                     | 34.3                 | 40                            |
| 63.75              | 33.02                  | 36.72                | 40                            |
| 67.7               | 32.64                  | 34.04                | 40                            |
| 75.81              | 34.08                  | 32.48                | 40                            |
| 119.46             | 34.94                  | 36.64                | 43.5                          |
| 127.21             | 37.71                  | 35.61                | 43.5                          |
| 135.15             | 35.75                  | 35.15                | 43.5                          |
| 158.85             | 33.75                  | 36.55                | 43.5                          |
| 210.02             | 36                     | 30.8                 | 43.5                          |
| 541.53             | 39.568                 | 37.968               | 46                            |
| 595.67             | 40.152                 | 39.352               | 46                            |
| 736.46             | 39.368                 | 37.968               | 46                            |
| 758.12             | 41.328                 | 41.428               | 46                            |
| 812.28             | 42.492                 | 41.992               | 46                            |
| 866.43             | 40.884                 | 40.884               | 46                            |
| 920.57             | 39.384                 | 41.484               | 46                            |
| 974.73             | 43                     | 44.5                 | 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)

# 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

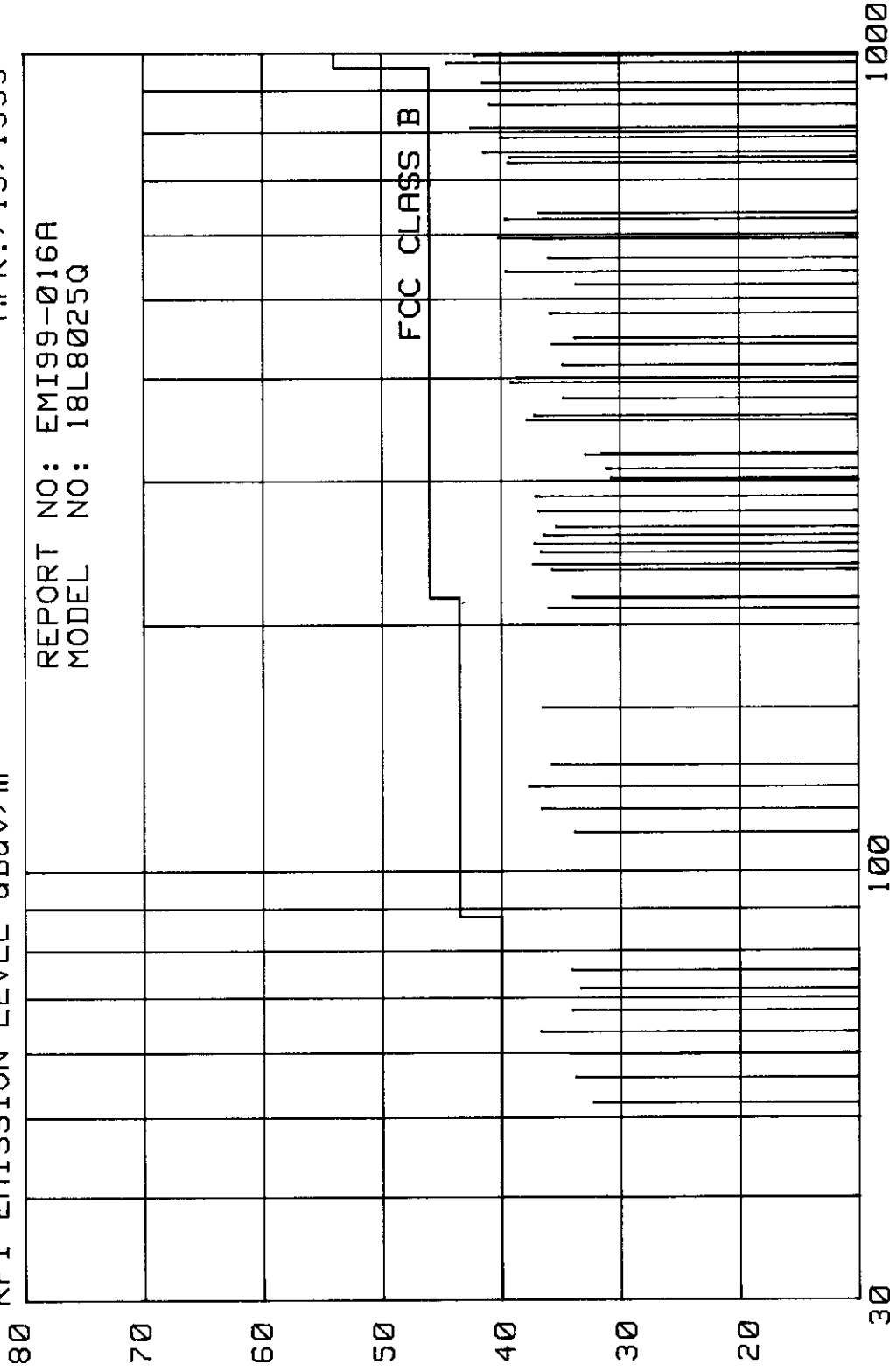
RFI EMISSION LEVEL dBuV/m

APR./13/1999

REPORT NO: EMI99-016A  
MODEL NO: 18L8025Q

FCC CLASS B

FREQUENCY MHz



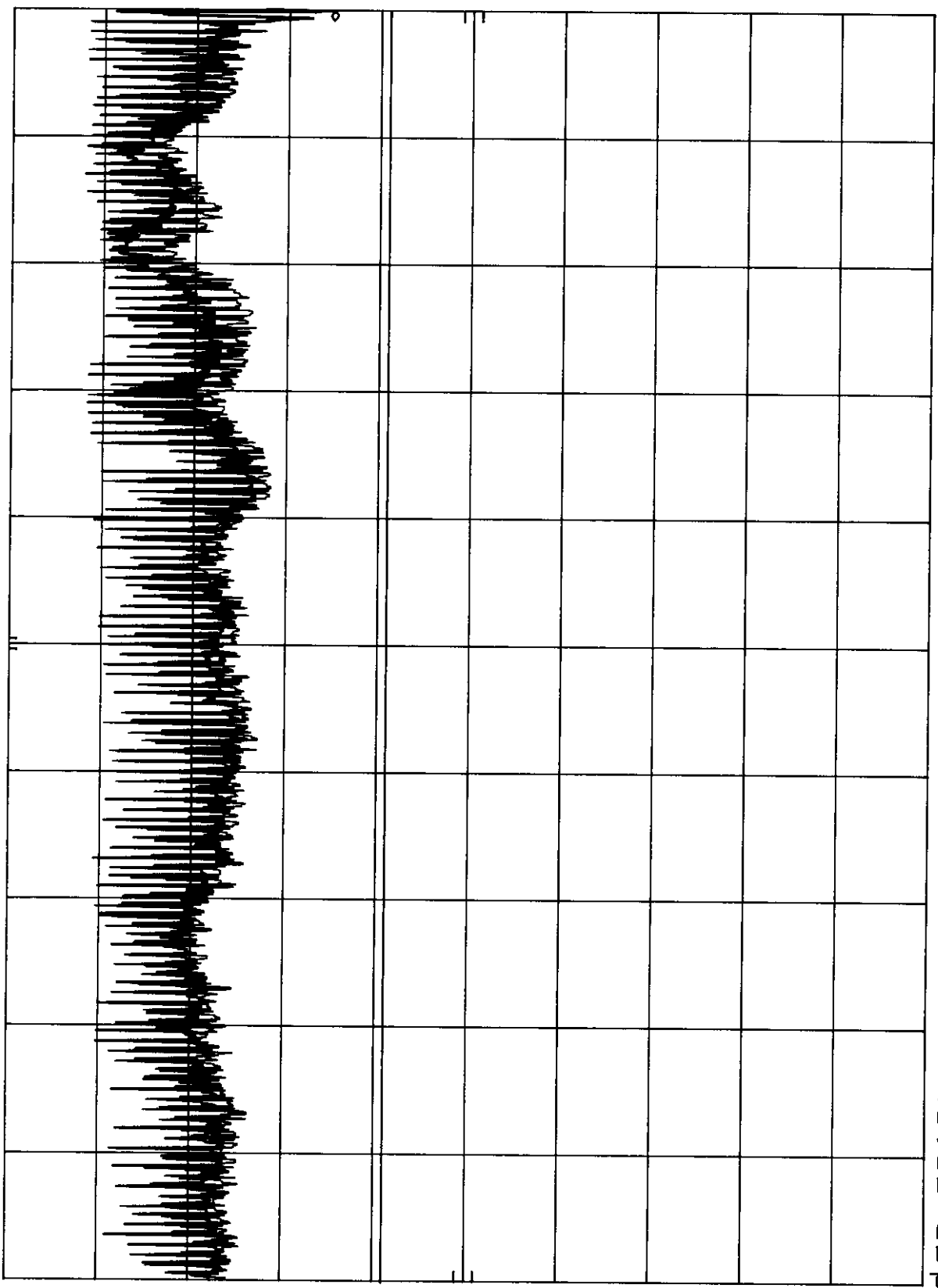
hp

A3KM087 1280X1024/60HZ 64KHZ 110VAC D-SUB I/F MKR 510 KHZ  
REF 107.0 dBμV ATTEN 10 dB 41.90 dBμV

10 dB/

DL  
48.0  
dBμV

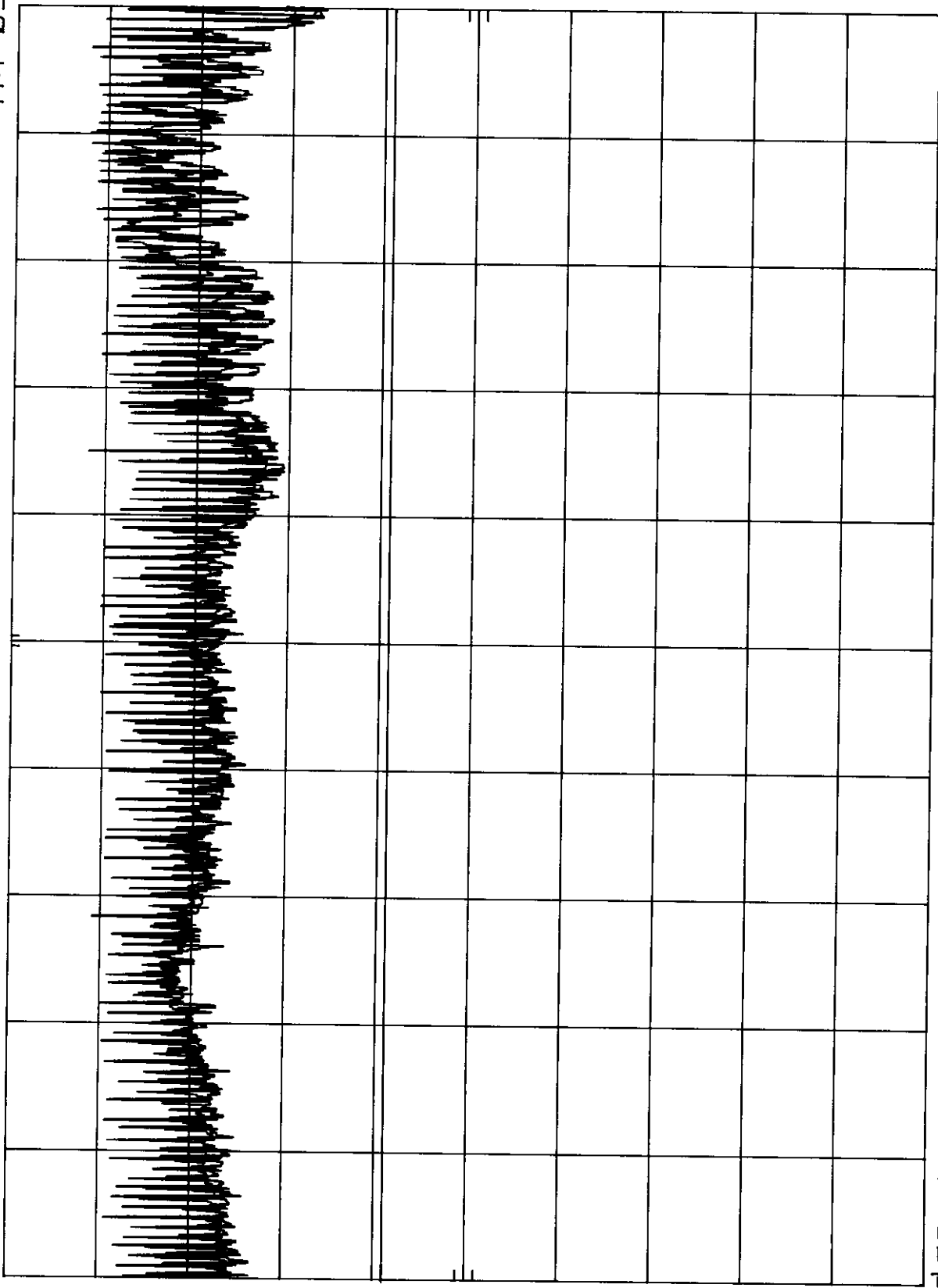
START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ  
SMP 750 msec



A3KM087 1280X1024/60HZ 64KHZ 220VAC D-SUB I/F MKR 510 KHZ  
h<sub>p</sub> REF 107.0 dBμV ATTEN 10 dB 39.50 dBμV

10 dB/

DL  
48.0  
dBμV



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

FCC TEST REPORT

FCC ID : A3KM087  
REPORT NO.: EMI99-016B  
TEST DATE : APR./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  
CHUNG LI, TAOYUAN, TAIWAN, R.O.C.  
TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PHILIPS  
TESTED SYSTEM:

1. EUT : 18L8025Q LCD COLOR MONITOR S/N.: TY9904016  
FCC ID. : A3KM087
2. COMPUTER: IBM Aptiva 2176-T33 S/N.: 90-A58TZ  
FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419  
FCC ID. : D5I6XU2225
4. MODEM : USRobotics 268 S/N.: 0002680559278575  
FCC ID. : CJE-0318
5. MOUSE : IBM M-S34 S/N.: 23-146196  
FCC ID. : DZL211029
6. KEYBOARD: IBM KB-7953 S/N.: 0024658  
FCC ID. : FCC LOGO
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.  
80.0Kz MODE(1280X1024/75Hz) WAS TESTED.  
B.N.C. I/O CABLE WITH ONE FERRITE CORE WAS USED.  
UNSHIELDED MAINS CORD WAS USED DURING TEST.  
EXTRA EARPHONE AND MICPHONE WERE USED DURING TEST.  
EXTRA USB-KEYBOARD,USB-MOUSE AND 2 USB-CABLES WERE CONNECTED  
TO USB HUB.

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) |
|--------------------|------------------------|----------------------|-------------------------------|
| 42.82              | 26.12                  | 29.92                | 40                            |
| 47.5               | 28.82                  | 33.12                | 40                            |
| 52.17              | 29.92                  | 30.62                | 40                            |
| 56.84              | 28.97                  | 33.77                | 40                            |
| 61.89              | 27.36                  | 31.86                | 40                            |
| 66.55              | 27.71                  | 31.61                | 40                            |
| 72                 | 26.86                  | 31.36                | 40                            |
| 75.92              | 26.98                  | 28.68                | 40                            |
| 85.64              | 28.1                   | 30.1                 | 40                            |
| 123.42             | 28.19                  | 30.49                | 43.5                          |
| 128.1              | 29.04                  | 29.04                | 43.5                          |
| 133.1              | 29.83                  | 30.83                | 43.5                          |
| 161.62             | 30.76                  | 31.76                | 43.5                          |
| 170.98             | 30.83                  | 30.83                | 43.5                          |
| 180.46             | 29.4                   | 32.4                 | 43.5                          |
| 242.33             | 33.98                  | 36.28                | 46                            |
| 246                | 34.54                  | 36.24                | 46                            |
| 252                | 36.3                   | 34.8                 | 46                            |
| 261.2              | 39.34                  | 36.84                | 46                            |
| 265.95             | 38.34                  | 34.24                | 46                            |
| 276                | 37.44                  | AMBIENT              | 46                            |
| 300                | 36.8                   | 35.2                 | 46                            |
| 304                | 29.616                 | 29.916               | 46                            |
| 308.71             | 32.036                 | 30.536               | 46                            |
| 318                | 34.172                 | 30.572               | 46                            |
| 322.95             | 29.492                 | 30.692               | 46                            |
| 329.95             | 36.12                  | 31.22                | 46                            |
| 336.54             | 35.688                 | 34.288               | 46                            |
| 341.95             | 34.008                 | 30.808               | 46                            |
| 356.6              | 34.1                   | 35.3                 | 46                            |
| 365.69             | 35.5                   | 34.2                 | 46                            |
| 379.93             | 37.08                  | 39.38                | 46                            |
| 389.43             | 32.204                 | 32.704               | 46                            |
| 396.22             | 37.056                 | 34.456               | 46                            |
| 417.93             | 31.916                 | 32.716               | 46                            |
| 427.42             | 35.448                 | 36.548               | 46                            |
| 441.03             | 32.084                 | 32.384               | 46                            |
| 471.17             | 35.104                 | 34.904               | 46                            |
| 474.92             | 34.2                   | 35.8                 | 46                            |
| 522.43             | 33.976                 | 33.676               | 46                            |
| 538.51             | 38.456                 | 37.956               | 46                            |
| 569.89             | 34.58                  | 35.48                | 46                            |
| 588.89             | 34.868                 | 35.068               | 46                            |
| 594.41             | 35.428                 | 35.528               | 46                            |
| 617.4              | 35.444                 | 36.044               | 46                            |

FCC ID : A3KM087  
-- #016B CONT. --

|        |        |        |    |
|--------|--------|--------|----|
| 636.39 | 37.14  | 38.64  | 46 |
| 788.37 | 39.108 | 39.208 | 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) |
|--------------------|------------------------|----------------------|-------------------------------|
| 71.24              | 32.98                  | 34.58                | 40                            |
| 118.74             | 32.24                  | 37.04                | 43.5                          |
| 137.81             | 29.38                  | 32.48                | 43.5                          |
| 142.48             | 37.92                  | 31.22                | 43.5                          |
| 150.95             | 35.85                  | 37.35                | 43.5                          |
| 151.84             | 34                     | 30.6                 | 43.5                          |
| 189.98             | 33.1                   | 38.7                 | 43.5                          |
| 237.45             | 42.85                  | 40.35                | 46                            |
| 332.45             | 41.068                 | 41.168               | 46                            |
| 605.79             | 37.792                 | 38.092               | 46                            |
| 673.09             | 36.764                 | 39.164               | 46                            |
| 740.39             | 42.22                  | 39.32                | 46                            |
| 807.69             | 37.828                 | 38.228               | 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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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

APR./14/1999

REPORT NO: EMI99-016B  
MODEL NO: 18L8025Q

FCC CLASS B

FREQUENCY MHz

80

70

60

50

40

30

20

30

100

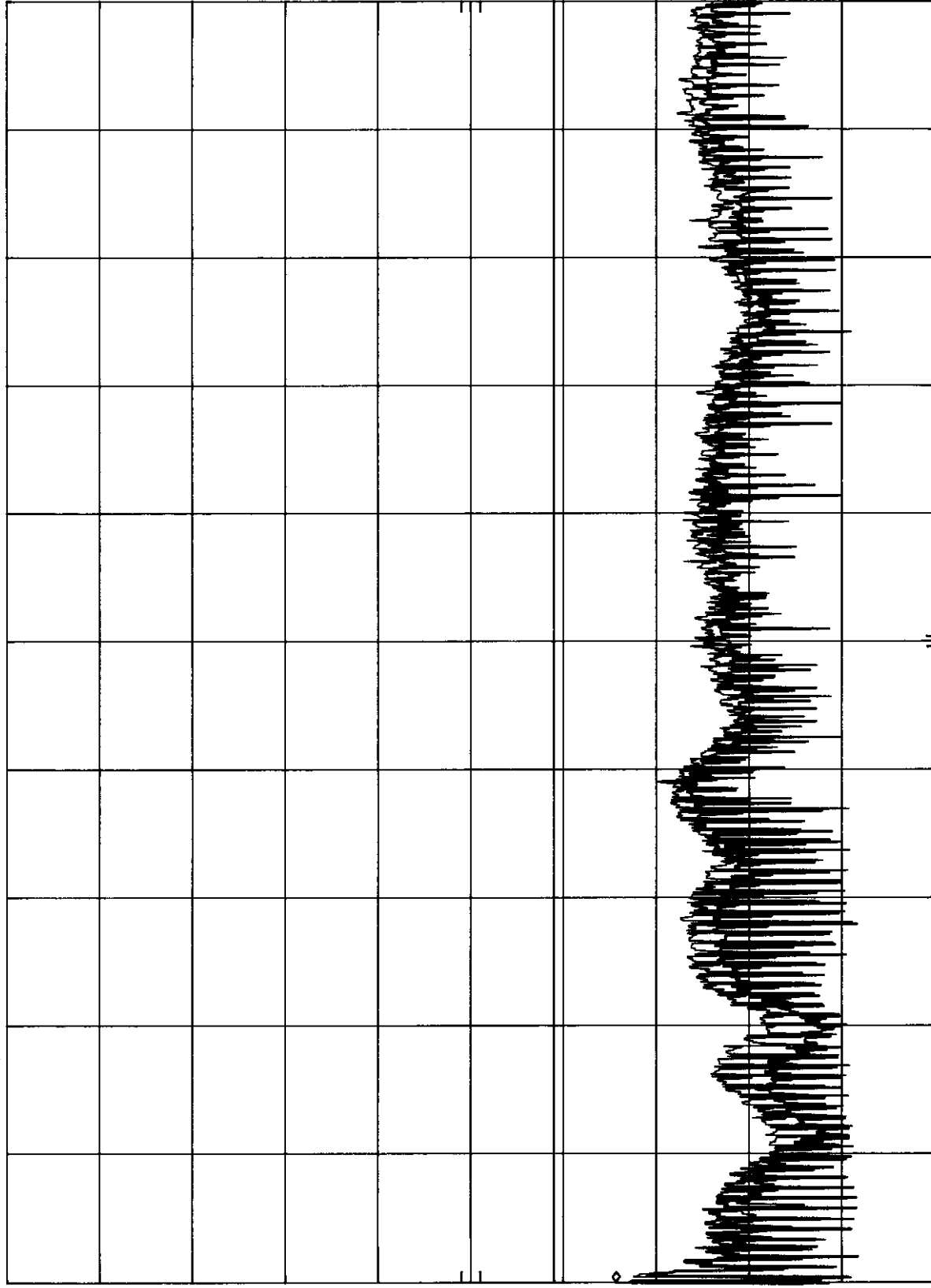
1000

A3KM087 1280X1024/75Hz 80KHz 110VAC BNC I/F MKR 480 KHz  
REF 107.0 dBμV ATTN 10 dB 41.30 dBμV

h<sub>p</sub>

10 dB/

DL  
48.0  
dBμV



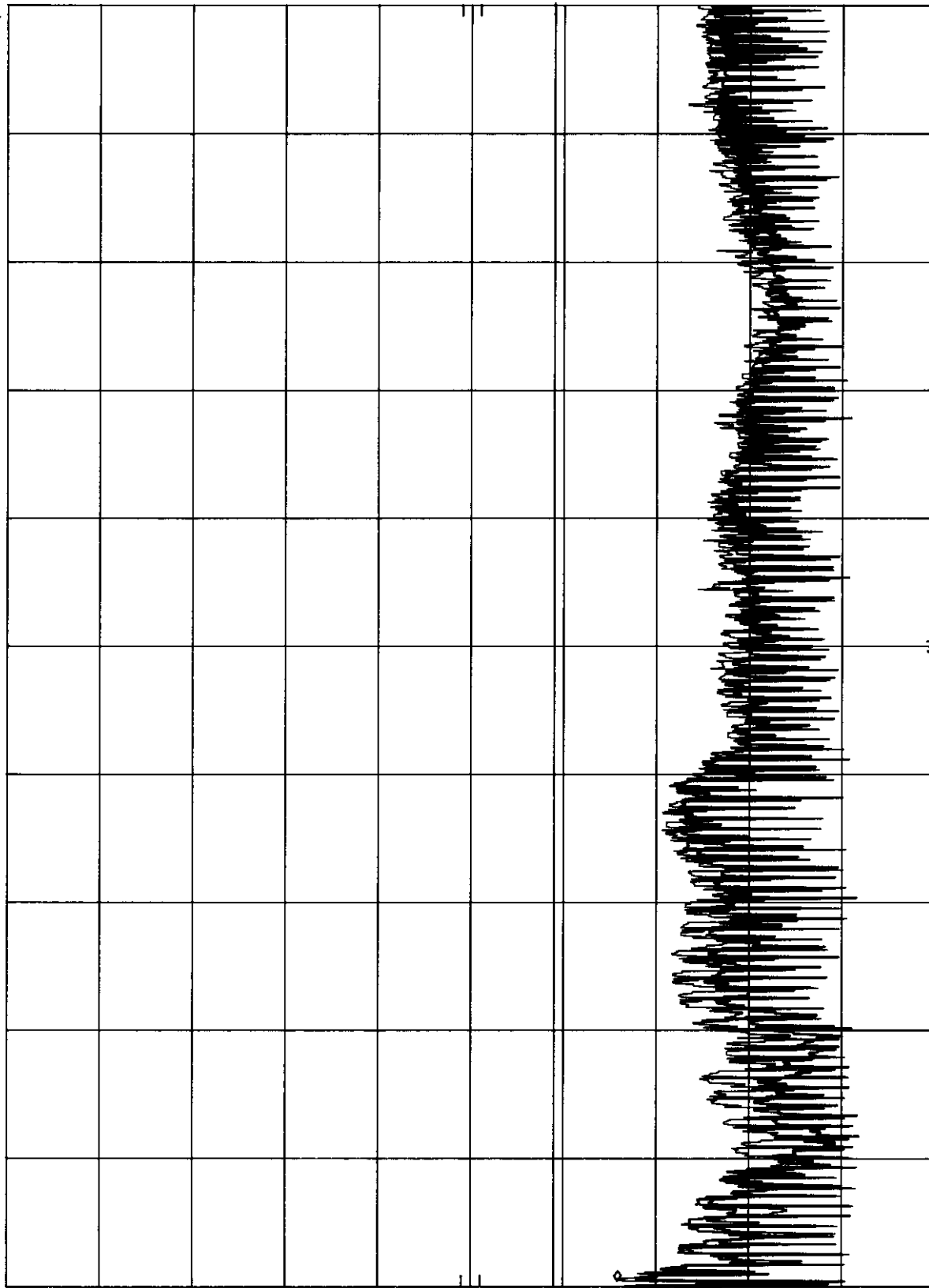
START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz  
SWP 750 msec

A3KM087 1280X1024/75Hz 80KHz 220VAC BNC I/F MKR 660 KHz  
REF 107.0 dBμV ATTN 10 dB 41.10 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

**Exhibit 9**

**PHOTOGRAPHS OF EUT  
AND  
TEST CONFIGURATION**