



# EMC

## TEST REPORT

DEC 02 1998

REPORT NO. : F87111804  
MODEL NO. : LM 85  
DATE OF TEST : Nov. 18, 1998

PREPARED FOR : NAN TAN COMPUTER CO.

ADDRESS : 2F, NO. 35, WU-GON 6TH ROAD, WU-KU IND. PARK.  
TAIPEI HSIEN, TAIWAN, R.O.C.

PREPARED BY: ADVANCE DATA TECHNOLOGY CORPORATION



Accredited Laboratory

11F, NO.1, SEC.4, NAN-KING EAST RD.,  
TAIPEI, TAIWAN, R.O.C.

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1.

**CERTIFICATION**

Issue Date: Nov. 30, 1998

Product : LCD MONITOR  
Trade Name : CLEVO  
Model No. : LM 85  
Applicant : NAN TAN COMPUTER CO.  
Standard : FCC Part 15, Subpart B, Class B  
ANSI C63.4-1992  
CISPR 22:1993+A1:1995+A2:1997

We hereby certify that one sample of the designation has been tested in our facility on Nov.18, 1998. The test record, data evaluation and Equipment Under Test (EUT) configurations represent herein are true and accurate representation of the measurements of the sample's EMC characteristics under the conditions herein specified.

The test results show that the EUT as described in this report is in compliance with the Class B limits of conducted and radiated emission of applicable standards.

TESTED BY:

San Lin  
( San Lin )

DATE:

11/30/98

CHECKED BY :

Ariel Hsieh  
( Ariel Hsieh )

DATE:

11/30/98

APPROVED BY:

Mike Su  
( Mike Su )

DATE:

11/30/98

**ADVANCE DATA TECHNOLOGY CORPORATION****NVLAP<sup>®</sup>**

Accredited Laboratory



## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

|                   |   |                 |
|-------------------|---|-----------------|
| Product           | : | LCD MONITOR     |
| Model No.         | : | LM 85           |
| Power Supply Type | : | Switching       |
| Power Cord        | : | Nonshielded     |
| Data Cable        | : | Shielded (1.5m) |

Note: The EUT is a 15" LCD monitor using Fujitsu LCD Panel with resolution up to 1024 x 768 (69 kHz).

The EUT was tested using the following modes:

Mode 1: Delta Power Adapter (AC power cord: 1.95m, DC power cord: 1.5m)

Model : ADP-40GB

Input :100~240Vac 1.5A 50-60Hz

Output :12.5 Vdc 3.2A

Mode 2: Acbel Power Adapter (AC power cord: 1.95m, DC power cord: 1.8m)

Model :API-8558

Input :100~240 Vac 1.5A 50-60Hz

Output :12 Vdc 3.6A

There is a ferrite core on the power cord of both the above adapters.

Both modes were tested separately and their data are recorded in this report.

There is two ferrite cores on the video cable outside the LCD monitor.

For more detailed features description, please refer to ATTACHMENT 1 - TECHNICAL DESCRIPTION OF EUT and User's Manual.



## 2.2 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories are used to form representative test configuration during the tests.

| No | Product           | Brand    | Model No.  | Serial No   | I/O Cable                                            |
|----|-------------------|----------|------------|-------------|------------------------------------------------------|
| 1  | PERSONAL COMPUTER | HP       | D4579A     | SG73001726  | Nonshielded Power (1.8 m)                            |
| 2  | USB KEYBOARD      | BTC      | 7932       | D7A140012   | Nonshielded Signal ( 1.8 m)                          |
| 3  | KEYBOARD          | FORWARD  | FDA-104GA  | FDKB8110160 | Shielded Signal (1.4m)                               |
| 4  | PRINTER           | HP       | 2225C+     | 3030S79138  | Shielded Signal (2.1 m)<br>Nonshielded Power (1.8 m) |
| 5  | USB MOUSE         | LOGITECH | N/A        | LTC73700536 | Shielded Signal ( 1.8 m)                             |
| 6  | MOUSE             | DEXIN    | A2P800A    | 80110021    | Shielded Signal (1.8m)                               |
| 7  | MODEM             | ACEEX    | 1414       | 980020569   | Shielded Signal (1.5 m)<br>Nonshielded Power (1.8 m) |
| 8  | VGA CARD          | GORDIA   | DSV3365    | E600782851  | N/A                                                  |
| 9  | SOUND CARD        | Ya Hsin  | Audio 1869 | 7C05000505  | N/A                                                  |

Note: 1. An audio cable (1.8m) was connected between the EUT and PC.

2. Two USB cables (1.8m) were connected to the two USB ports of EUT to form two open loop cables.

3. A USB cable (1.8m) was connected from the EUT to PC.

4. Support unit 2 & 5 were connected to the USB ports of EUT.

## 2.3 TEST METHODOLOGY AND CONFIGURATION

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4: 1992. Radiated testing was performed at an antenna to EUT distance of 10 m on an open area test site.

Please refer to the photos of test configuration in Item 5.



### 3. TEST INSTRUMENTS

#### 3.1 TEST INSTRUMENTS (EMISSION)

##### RADIATED EMISSION MEASUREMENT

| Description & Manufacturer            | Model No.            | Serial No.         | Calibrated Until |
|---------------------------------------|----------------------|--------------------|------------------|
| HP Spectrum Analyzer                  | 8594A                | 3144A00308         | Sept. 3, 1999    |
| HP Preamplifier                       | 8447D                | 2944A08119         | Jan. 20, 1999    |
| ROHDE & SCHWARZ<br>TEST RECEIVER      | ESVP                 | 893496/030         | July 15, 1999    |
| SCHWARZBECK Tunable<br>Dipole Antenna | VHA 9103<br>UHA 9105 | E101051<br>E101055 | Nov. 28, 1998    |
| CHASE Bilog Antenna                   | CBL6112A             | 2329               | Sept. 19, 1999   |
| EMCO Turn Table                       | 1060                 | 1195               | N/A              |
| EMCO Tower                            | 1051                 | 1163               | N/A              |
| Open Field Test Site                  | Site 2               | ADT-R02            | Sept. 18, 1999   |

- Note: 1. The measurement uncertainty is less than +/- 3dB, which is calculated as per NAMA's document NIS81.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.

##### CONDUCTED EMISSION MEASUREMENT

| Description & Manufacturer                  | Model No. | Serial No. | Calibrated Until |
|---------------------------------------------|-----------|------------|------------------|
| ROHDE & SCHWARZ Test<br>Receiver            | ESH3      | 893495/006 | July 15, 1999    |
| ROHDE & SCHWARZ<br>Spectrum Monitor         | EZM       | 893787/013 | July 16, 1999    |
| ROHDE & SCHWARZ<br>Artificial Mains Network | ESH3-Z5   | 839135/006 | July 14, 1999    |
| EMCO-L.I.S.N.                               | 3825/2    | 9204-1964  | July 14, 1999    |
| Shielded Room                               | Site 2    | ADT-C02    | N/A              |

- Note: 1. The measurement uncertainty is less than +/- 2.6dB, which is calculated as per NAMA's document NIS81.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.



### 3.2 LIMITS OF CONDUCTED AND RADIATED EMISSION

#### LIMIT OF RADIATED EMISSION OF CISPR 22

| FREQUENCY<br>(MHz) | Class A (at 10m) | Class B (at 10m) |
|--------------------|------------------|------------------|
|                    | dBuV/m           | dBuV/m           |
| 30 - 230           | 40               | 30               |
| 230 - 1000         | 47               | 37               |

#### LIMIT OF RADIATED EMISSION OF FCC PART 15, SUBPART B FOR FREQUENCY ABOVE 1000 MHz

| FREQUENCY<br>(MHz) | Class A (at 10m) |        | Class B (at 3m) |        |
|--------------------|------------------|--------|-----------------|--------|
|                    | uV/m             | DBuV/m | uV/m            | dBuV/m |
| Above 1000         | 300              | 49.5   | 500             | 54.0   |

Note: (1) The lower limit shall apply at the transition frequencies.

(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

#### LIMIT OF CONDUCTED EMISSION OF CISPR 22

| FREQUENCY<br>(MHz) | Class A (dBuV) |         | Class B (dBuV) |         |
|--------------------|----------------|---------|----------------|---------|
|                    | Quasi-peak     | Average | Quasi-peak     | Average |
| 0.15 - 0.5         | 79             | 66      | 66 - 56        | 56 - 46 |
| 0.50 - 5.0         | 73             | 60      | 56             | 46      |
| 5.0 - 30.0         | 73             | 60      | 60             | 50      |

Note: (1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz

(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.



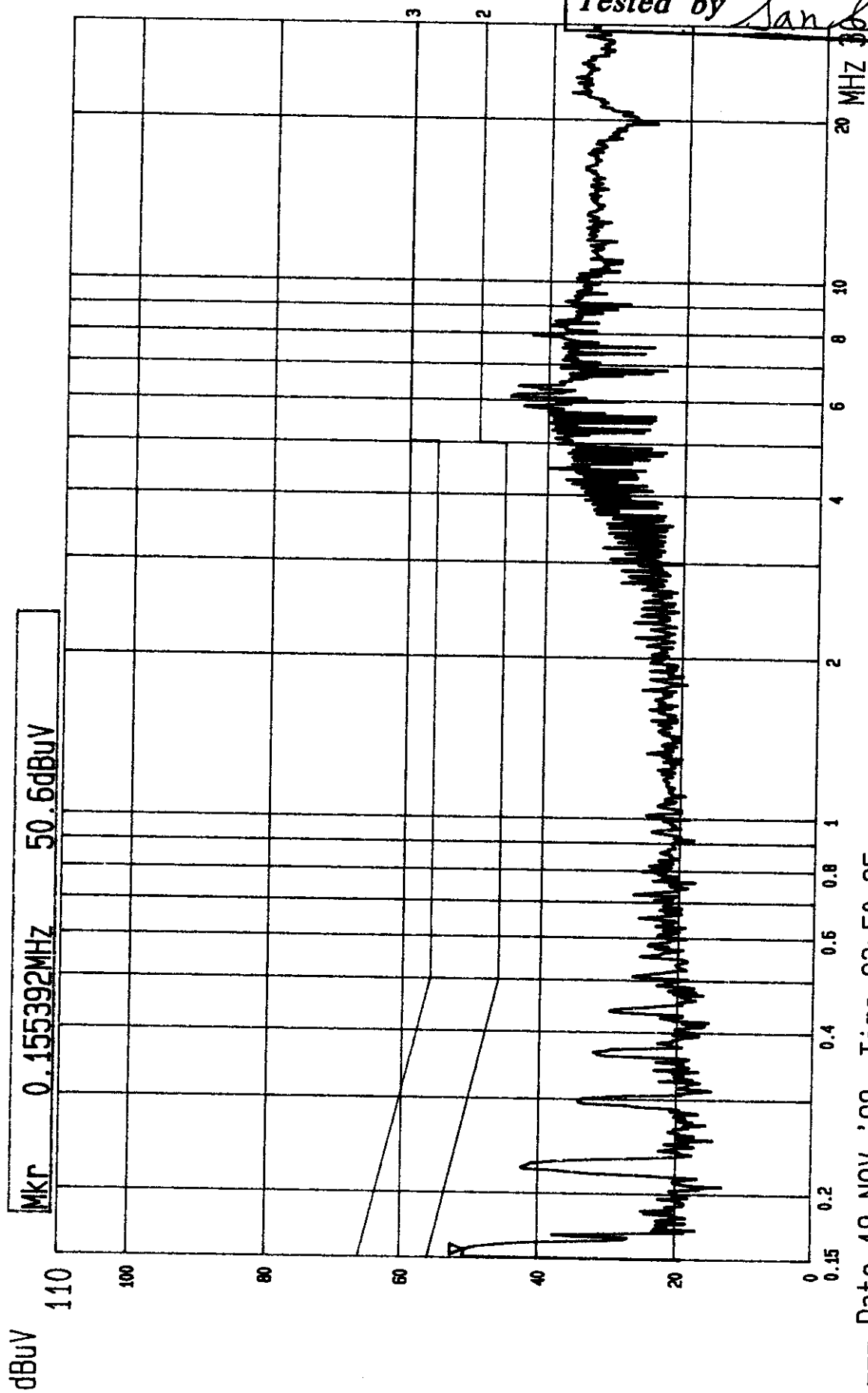


### 4.3 TEST DATA OF CONDUCTED EMISSION (A)

EUT: LCD MONITORMODEL: LM 856 dB Bandwidth: 10 kHzMODE: DELTA ADAPTER

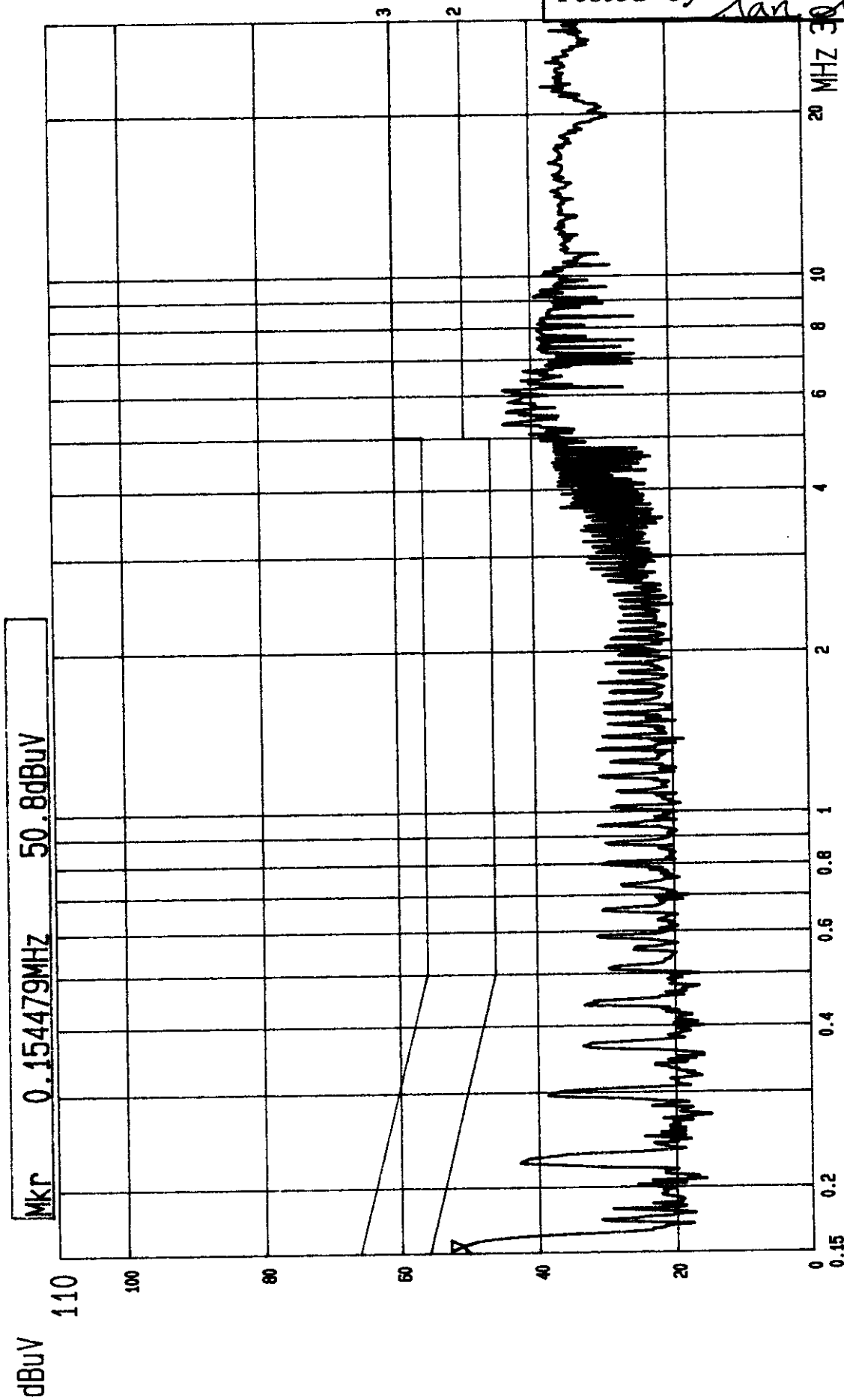
| Freq.  | L Level   |    | N Level   |    | Limit     |       | Margin [dB (μV)] |    |       |       |
|--------|-----------|----|-----------|----|-----------|-------|------------------|----|-------|-------|
| [MHz]  | [dB (μV)] |    | [dB (μV)] |    | [dB (μV)] |       | L                |    | N     |       |
|        | QP        | AV | QP        | AV | QP        | AV    | QP               | AV | QP    | AV    |
| 0.150  | 36.80     | -  | 36.90     | -  | 66.00     | 56.00 | -29.2            | -  | -29.1 | -     |
| 0.214  | 40.20     | -  | 40.70     | -  | 63.00     | 53.00 | -22.8            | -  | -22.3 | -     |
| 4.418  | 31.30     | -  | 32.00     | -  | 56.00     | 46.00 | -24.7            | -  | -24.0 | -     |
| 6.189  | 34.90     | -  | 35.20     | -  | 60.00     | 50.00 | -25.1            | -  | -24.8 | -50.0 |
| 7.775  | 32.50     | -  | 33.70     | -  | 60.00     | 50.00 | -27.5            | -  | -26.3 | -     |
| 22.544 | 29.60     | -  | 29.50     | -  | 60.00     | 50.00 | -30.4            | -  | -30.5 | -     |

- Remarks:
1. "\*": Undetectable
  2. Q.P. and AV are abbreviations of quasi-peak and average individually.
  3. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
  4. The emission levels of other frequencies were very low against the limit.
  5. Margin value = Emission level - Limit value



--- Date 18.NOV.'98 Time 23:50:35  
CISPR 22 CLASS B CONDUCTION TEST (PEAK VALUE) ADT CORP.  
MODE: LM 85 ADAPTOR DELTA ADP-40GB FULL SYSTEM 1024X768 85Hz/69K

LISN: L



---- Date 18.NOV.'98 Time 23:52:29  
CISPR 22 CLASS B CONDUCTION TEST (PEAK VALUE) ADT CORP.  
MODE: LM 85 ADAPTOR DELTA ADP-40GB FULL SYSTEM 1024X768 85Hz/69K

LISN: N

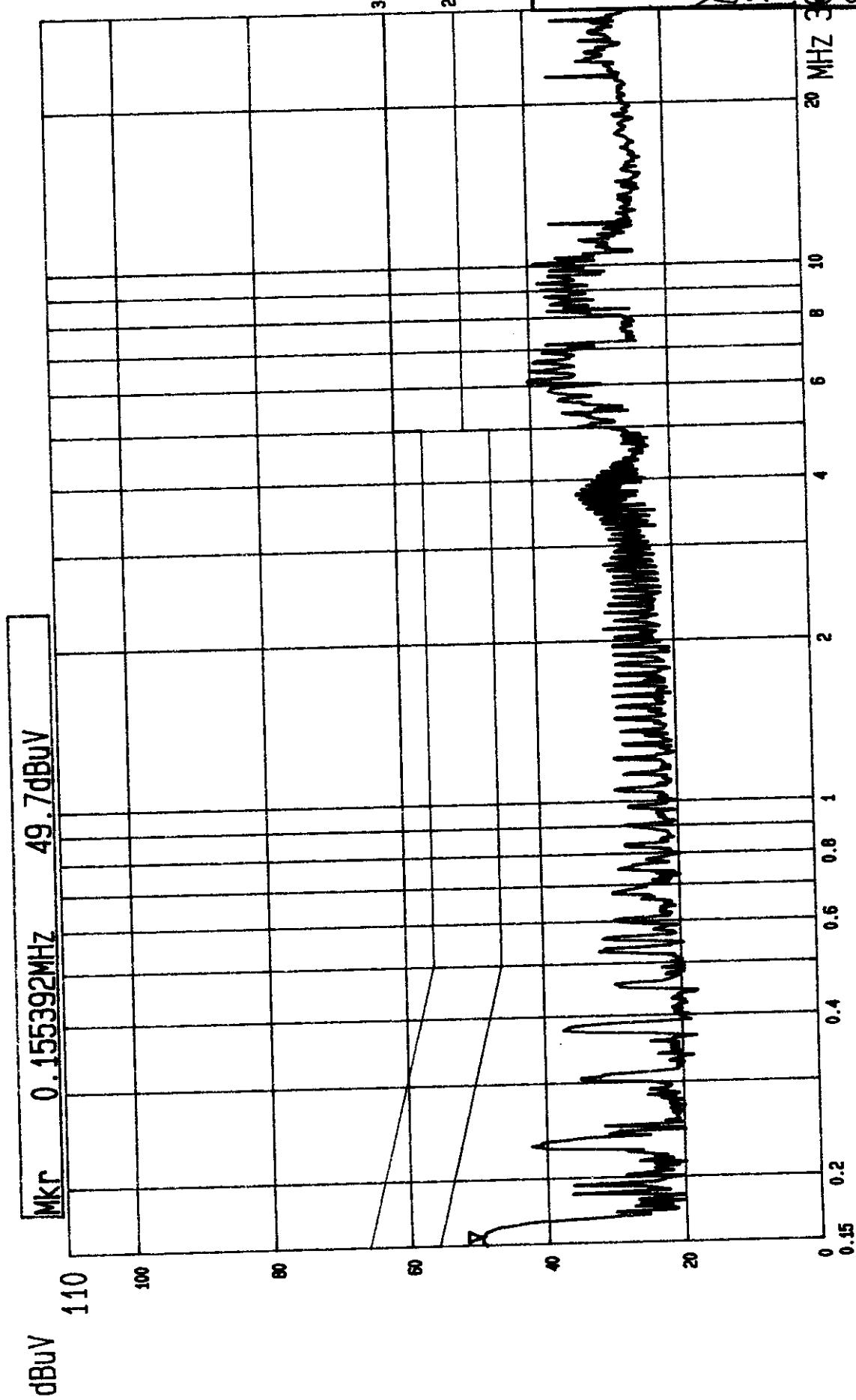


#### 4.4 TEST DATA OF CONDUCTED EMISSION (B)

EUT: LCD MONITORMODEL: LM 856 dB Bandwidth: 10 kHzMODE: ACBEL ADAPTER

| Freq.  | L Level   |    | N Level   |    | Limit     |       | Margin [dB (μV)] |    |       |    |
|--------|-----------|----|-----------|----|-----------|-------|------------------|----|-------|----|
| [MHz]  | [dB (μV)] |    | [dB (μV)] |    | [dB (μV)] |       | L                |    | N     |    |
|        | QP        | AV | QP        | AV | QP        | AV    | QP               | AV | QP    | AV |
| 0.150  | 46.70     | -  | 46.80     | -  | 66.00     | 56.00 | -19.3            | -  | -19.2 | -  |
| 0.375  | 34.10     | -  | 34.70     | -  | 58.30     | 48.30 | -24.2            | -  | -23.6 | -  |
| 3.768  | 27.00     | -  | 26.80     | -  | 56.00     | 46.00 | -29.0            | -  | -29.2 | -  |
| 6.103  | 30.10     | -  | 29.70     | -  | 60.00     | 50.00 | -29.9            | -  | -30.3 | -  |
| 10.095 | 29.30     | -  | 30.70     | -  | 60.00     | 50.00 | -30.7            | -  | -29.3 | -  |
| 28.634 | 31.40     | -  | 32.00     | -  | 60.00     | 50.00 | -28.6            | -  | -28.0 | -  |

- Remarks:
1. "": Undetectable
  2. Q.P. and AV are abbreviations of quasi-peak and average individually.
  3. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
  4. The emission levels of other frequencies were very low against the limit.
  5. Margin value = Emission level - Limit value



---- Date 19.NOV.'98 Time 01:34:11  
 CISPR 22 CLASS B CONDUCTION TEST (PEAK VALUE) ADT CORP.  
 MODE: LM 85 ADAPTOR: ACBEL API-8558 FULL SYSTEM 1024X768 85Hz/69k

LISN: L

dBuV

Mkr 0.155392MHz 50.8dBuV

110

100

80

60

40

20

0

0.15

0.2

0.4

0.5

0.8

1

2

4

6

10

20

30

40

60

100

200

300

400

600

1000

2000

3000

4000

6000

10000

--- Date 19.NOV.'98 Time 01:26:18

CISPR 22 CLASS B CONDUCTION TEST (PEAK VALUE) ADT CORP.

MODE: LM 85 ADAPTOR: ACBEL API-8558 FULL SYSTEM 1024X768 85Hz/69K

LISN: N

Report No. F8711804

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Tested by San Li



#### 4.5 TEST DATA OF RADIATED EMISSION (A)

EUT: LCD MONITORMODEL: LM 85MODE: DELTA ADAPTERPOLARITY: HorizontalDETECTOR FUNCTION: Quasi-peak6 dB BANDWIDTH: 120 kHzFREQUENCY RANGE: 30-1000 MHzMEASURED DISTANCE: 10 M

| Frequency<br>(MHz) | Correction<br>Factor<br>(dB/m) | Reading<br>Data<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|--------------------------------|---------------------------|-------------------------------|-------------------|----------------|
| 48.00              | 12.1                           | 14.4                      | 26.5                          | 30.0              | -3.5           |
| 79.99              | 8.5                            | 13.2                      | 21.7                          | 30.0              | -8.3           |
| 130.17             | 14.0                           | 8.9                       | 22.9                          | 30.0              | -7.1           |
| 144.02             | 13.2                           | 5.9                       | 19.1                          | 30.0              | -10.9          |
| 180.28             | 11.6                           | 7.7                       | 19.3                          | 30.0              | -10.7          |
| 195.28             | 11.8                           | 13.4                      | 25.2                          | 30.0              | -4.8           |
| 205.26             | 12.2                           | 7.6                       | 19.8                          | 30.0              | -10.2          |
| 212.83             | 12.8                           | 5.2                       | 18.0                          | 30.0              | -12.0          |
| 227.81             | 13.9                           | 13.1                      | 27.0                          | 30.0              | -3.0           |
| 324.80             | 17.1                           | 1.7                       | 18.8                          | 37.0              | -18.2          |

- REMARKS:
1. Emission level (dBuV/m) = Correction Factor (dB/m) + Meter Reading (dBuV).
  2. Correction Factor (dB/m) = Ant. Factor (dB/m) + Cable loss (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level - Limit value



# TEST DATA OF RADIATED EMISSION (A)

EUT: LCD MONITORMODEL: LM 85MODE: DELTA ADAPTERPOLARITY: VerticalDETECTOR FUNCTION: Quasi-peak6 dB BANDWIDTH: 120 kHzFREQUENCY RANGE: 30-1000 MHzMEASURED DISTANCE: 10 M

| Frequency<br>(MHz) | Correction<br>Factor<br>(dB/m) | Reading<br>Data<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|--------------------------------|---------------------------|-------------------------------|-------------------|----------------|
| 47.99              | 8.1                            | 16.0                      | 24.1                          | 30.0              | -5.9           |
| 80.83              | 7.7                            | 10.1                      | 17.8                          | 30.0              | -12.2          |
| 130.16             | 14.2                           | 10.1                      | 24.3                          | 30.0              | -5.7           |
| 144.06             | 13.6                           | 11.7                      | 25.3                          | 30.0              | -4.7           |
| 157.75             | 11.9                           | 11.7                      | 23.6                          | 30.0              | -6.4           |
| 180.28             | 11.4                           | 9.4                       | 20.8                          | 30.0              | -9.2           |
| 195.23             | 12.3                           | 14.0                      | 26.3                          | 30.0              | -3.7           |
| 205.27             | 12.9                           | 12.3                      | 25.2                          | 30.0              | -4.8           |
| 212.82             | 13.2                           | 9.6                       | 22.8                          | 30.0              | -7.2           |
| 227.81             | 13.9                           | 12.9                      | 26.8                          | 30.0              | -3.2           |
| 325.91             | 17.2                           | 0.3                       | 17.5                          | 37.0              | -19.5          |

- REMARKS:
1. Emission level (dBuV/m) = Correction Factor (dB/m) + Meter Reading (dBuV).
  2. Correction Factor (dB/m) = Ant. Factor (dB/m) + Cable loss (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level - Limit value



#### 4.6 TEST DATA OF RADIATED EMISSION (B)

EUT: LCD MONITORMODEL: LM 85MODE: ACBEL ADAPTERPOLARITY: HorizontalDETECTOR FUNCTION: Quasi-peak6 dB BANDWIDTH: 120 kHzFREQUENCY RANGE: 30-1000 MHzMEASURED DISTANCE: 10 M

| Frequency<br>(MHz) | Correction<br>Factor<br>(dB/m) | Reading<br>Data<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|--------------------------------|---------------------------|-------------------------------|-------------------|----------------|
| 48.00              | 12.1                           | 13.6                      | 25.7                          | 30.0              | -4.3           |
| 122.46             | 14.3                           | 4.4                       | 18.7                          | 30.0              | -11.3          |
| 130.17             | 14.0                           | 8.0                       | 22.0                          | 30.0              | -8.0           |
| 144.03             | 13.2                           | 8.2                       | 21.4                          | 30.0              | -8.6           |
| 157.72             | 11.6                           | 8.7                       | 20.3                          | 30.0              | -9.7           |
| 195.28             | 11.8                           | 14.1                      | 25.9                          | 30.0              | -4.1           |
| 205.25             | 12.2                           | 6.7                       | 18.9                          | 30.0              | -11.1          |
| 216.06             | 13.0                           | 6.2                       | 19.2                          | 30.0              | -10.8          |
| 227.82             | 13.9                           | 13.5                      | 27.4                          | 30.0              | -2.6           |
| 325.45             | 17.2                           | 1.8                       | 19.0                          | 37.0              | -18.0          |
| 390.47             | 19.6                           | 0.3                       | 19.9                          | 37.0              | -17.1          |

- REMARKS:
1. Emission level (dBuV/m) = Correction Factor (dB/m) + Meter Reading (dBuV).
  2. Correction Factor (dB/m) = Ant. Factor (dB/m) + Cable loss (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level - Limit value



# TEST DATA OF RADIATED EMISSION (B)

EUT: LCD MONITORMODEL: LM 85POLARITY: VerticalMODE: ACBEL ADAPTERDETECTOR FUNCTION: Quasi-peak6 dB BANDWIDTH: 120 kHzFREQUENCY RANGE: 30-1000 MHzMEASURED DISTANCE: 10 M

| Frequency<br>(MHz) | Correction<br>Factor<br>(dB/m) | Reading<br>Data<br>(dBuV) | Emission<br>Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|--------------------------------|---------------------------|-------------------------------|-------------------|----------------|
| 47.98              | 8.1                            | 17.0                      | 25.1                          | 30.0              | -4.9           |
| 85.91              | 8.8                            | 9.5                       | 18.3                          | 30.0              | -11.7          |
| 122.69             | 14.4                           | 10.4                      | 24.8                          | 30.0              | -5.2           |
| 130.18             | 14.2                           | 12.5                      | 26.7                          | 30.0              | -3.3           |
| 144.02             | 13.6                           | 9.4                       | 23.0                          | 30.0              | -7.0           |
| 157.70             | 11.9                           | 13.2                      | 25.1                          | 30.0              | -4.9           |
| 180.27             | 11.4                           | 10.0                      | 21.4                          | 30.0              | -8.6           |
| 195.23             | 12.3                           | 14.6                      | 26.9                          | 30.0              | -3.1           |
| 205.25             | 12.9                           | 7.0                       | 19.9                          | 30.0              | -10.1          |
| 212.80             | 13.2                           | 3.6                       | 16.8                          | 30.0              | -13.2          |
| 216.03             | 13.4                           | 3.3                       | 16.7                          | 30.0              | -13.3          |
| 227.82             | 13.9                           | 13.2                      | 27.1                          | 30.0              | -2.9           |

- REMARKS:
1. Emission level (dBuV/m) = Correction Factor (dB/m) + Meter Reading (dBuV).
  2. Correction Factor (dB/m) = Ant. Factor (dB/m) + Cable loss (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level - Limit value



## 6. ATTACHMENT I-TECHNICAL DESCRIPTION OF EUT

### SPECIFICATIONS:

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| * Size                   | 15.”                                                          |
| * Resolution (Max)       | XGA (1024 x 768 )                                             |
| * Pixel Pitch            | 0.297mm                                                       |
| * Color                  | 256k                                                          |
| * View Angle (H/V)       | 160° / 160° , CR>5                                            |
| * Contrast               | 300 : 1                                                       |
| * Brightness             | 200 cd/m <sup>2</sup>                                         |
| * Input Signal           | analog RGB                                                    |
| * Power Consumption      | 33W                                                           |
| * Dimension (W x H x D)  | 388 x 384 x 165 (mm)<br>15.28” x 15.12” x 6.14”               |
| * Weight                 | 6.2 kg                                                        |
| * Effective Display Area | 304.1mm/11.97”(H)<br>228.1mm/8.98”(V)                         |
| * Scanning Frequency     | Horizontal: 15KHz ~ 75KHz<br>Vertical: 55Hz ~ 90Hz            |
| * USB HUB                | Output: USB-a (downstream) x 4<br>Input: USB-b (upstream) x 1 |
| *Tilt Angle              | -5° ~ +20°                                                    |
| * Audio                  | 2W amplifier & 2W speaker (x2)                                |



TEL:(02)2603-2180-3

FAX:(02)2602-2943

## TEST REPORT & CERTIFICATION SERVICES QUESTIONNAIRE

*We, ADT Corp., would like to provide you a high quality report and certification in a timely manner. To achieve this goal, we would like you to response to the brief questions listed below in this questionnaire. Therefore your feed back is vital to us in order to determine how good our services are, and what areas could be improved.*

*Please indicate beside each question what you feel is the rating. Also, feel free to make comments and suggestions directly on this questionnaire, or by attaching separate sheet. The completed form should then be returned by mail or FAX to **Harris W. Lai**, Director. Your cooperation and effort are truly appreciated.*

**TEST REPORT NUMBER :** \_\_\_\_\_

|                                                                     | YES             | NO                |
|---------------------------------------------------------------------|-----------------|-------------------|
| 1. Was the information presented clearly                            | [ ]             | [ ]               |
| 2. Was the report complete ?                                        | [ ]             | [ ]               |
| 3. Was the report timely ?                                          | [ ]             | [ ]               |
| 4. Did the report satisfy your requirement ?                        | [ ]             | [ ]               |
| 5. Was the Certification (if any) completed in the scheduled time ? | [ ]             | [ ]               |
| Your working field ?                                                | [ ] Engineering | [ ] Manufacturing |
|                                                                     | [ ] Marketing   | [ ] Other         |

YOUR CONTACT INFORMATION (OPTIONAL) : \_\_\_\_\_

OPTIONAL COMMENTS : \_\_\_\_\_