

# FCC TEST REPORT

Report No. : EMI00-020

Tested Date: June/07/00

Test Performed By  
Philips Electronics Industries (Taiwan) Ltd.  
Business Electronics  
EMC Lab.  
No. 5, Tze Chiang 1 Road,  
Chungli, Taoyuan, Taiwan, R.O.C.  
Tel.: + 886-3-454-9862 Fax.: +886-3-454-9887

Manufacturer : Philips Business Electronics

## Tested System:

- 1. EUT : 107T20 color monitor s/n: TY0004020  
FCC ID : A3KM076
- 2. Computer : IBM V66XA s/n: S14AA00072  
FCC ID : FCC Logo
- 3. Keyboard : IBM KB-7959 s/n: 10422  
FCC ID : FCC Logo
- 4. Mouse : IBM M-S34 s/n: 457249  
FCC ID : DZL211029
- 5. Modem : USRobotics 268 s/n: 002680559278575  
FCC ID : CJE-0318
- 6. Printer : HP2225C s/n: 3123S97227  
FCC ID : DSI6XU2225
- 7. Video Card : METABYTE s/n: 10105  
FCC ID : I27MM-VS03A

Note: Test was performed in according with FCC measurement procedure ANSI C63.4-1992  
“AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF RADIO-NOISE  
EMISSION FROM LOW-VOLTAGE ELECTRONIC EQUIPMENT IN THE RANGE  
OF 9KHz TO 40GHz”

Monitor was connected to floor mounted AC outlet.

68.7KHz mode (1024X768/85Hz) was tested.

D-sub I/F cable with one ferrite core was used.

Non-shield power cord was used during test.

The test equipment used for testing please refer to the list as attached.

Deviation: None

## Radiated RF Level – Peak Value

| Frequency<br>(MHz) | Horizontal<br>(dBuV/m) | Vertical<br>(dBuV/m) | FCC/B Limit<br>(dBuV/m) |
|--------------------|------------------------|----------------------|-------------------------|
| 46.17              | 26.04                  | 28.34                | 40.0                    |
| 69.26              | 24.27                  | 29.77                | 40.0                    |
| 115.44             | 27.6                   | 28.2                 | 43.5                    |

FCC ID: A3KM076

|        |       |         |      |
|--------|-------|---------|------|
| 138.53 | 30.29 | 28.39   | 43.5 |
| 161.64 | 30.56 | 30.16   | 43.5 |
| 184.73 | 29.85 | 29.55   | 43.5 |
| 207.82 | 30.5  | ambient | 43.5 |
| 230.92 | 33.25 | 32.55   | 46.0 |
| 277.1  | 34.58 | ambient | 46.0 |
| 300.02 | 36.4  | 37.9    | 46.0 |
| 324.02 | 30.79 | 32.49   | 46.0 |
| 330.02 | 30.62 | 31.92   | 46.0 |
| 336.02 | 31.56 | 32.46   | 46.0 |
| 342.02 | 31.6  | 32.3    | 46.0 |
| 348.02 | 31.45 | 31.35   | 46.0 |
| 360.02 | 31.4  | 31.1    | 46.0 |
| 415.65 | 32.09 | 32.59   | 46.0 |
| 461.83 | 32.68 | 33.28   | 46.0 |
| 488.92 | 33.14 | 33.34   | 46.0 |
| 531.12 | 34.12 | 33.82   | 46.0 |
| 554.21 | 34.49 | 34.69   | 46.0 |

Spectrum Analyzer Setting:

RBW: 100KHz

VBW: 100KHz

The spectrum was scanned from 30MHz to 1000MHz and the significant emissions were recorded.

Test distance between device under test and receiving antenna was 3-meter.

Sample of calculation:

Final value (dBuV/m) = Antenna Factor (dB) + Cable Loss (dB) + Reading value (dBuV/m)

Tested by:

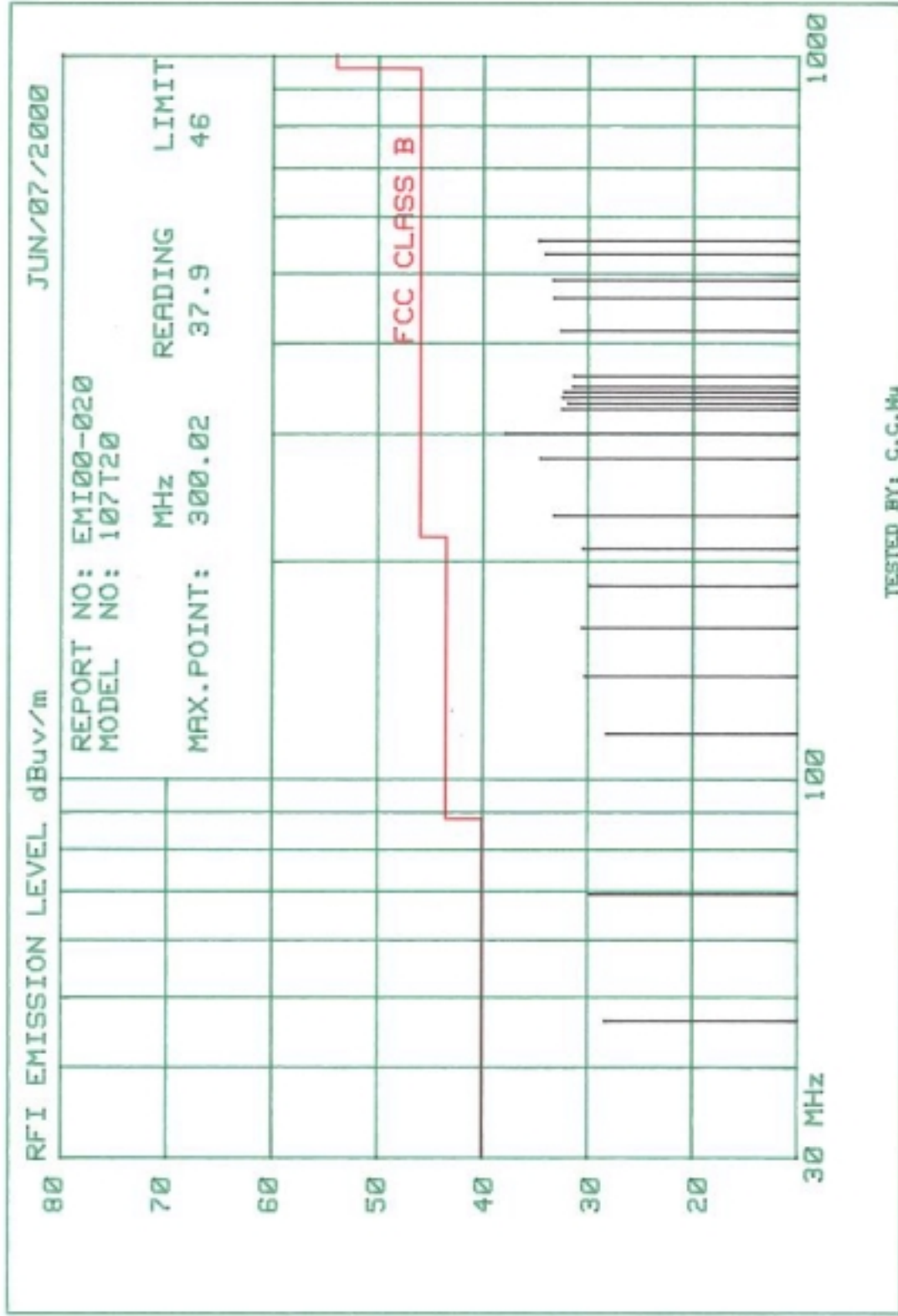


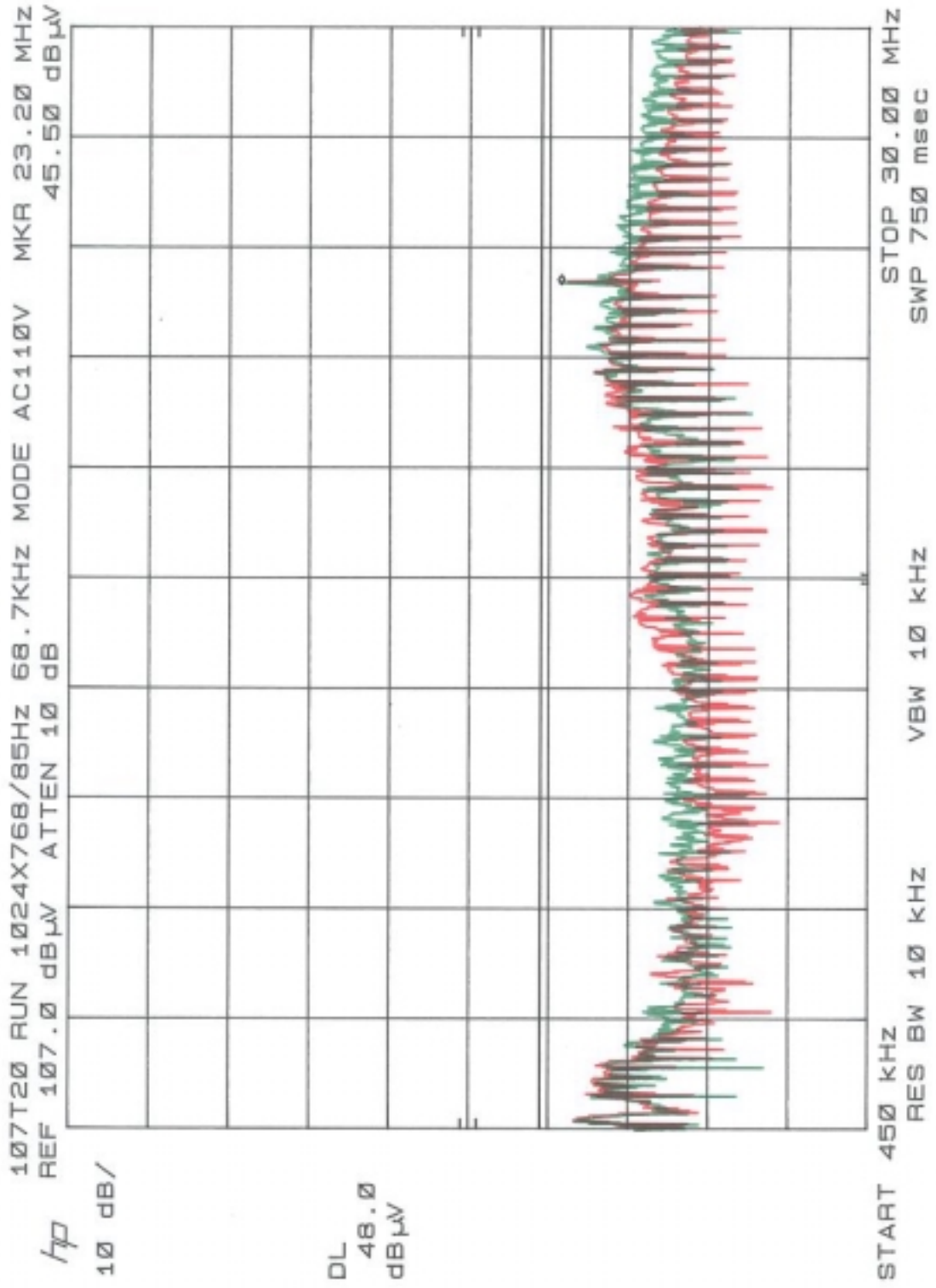
C.C. Wu

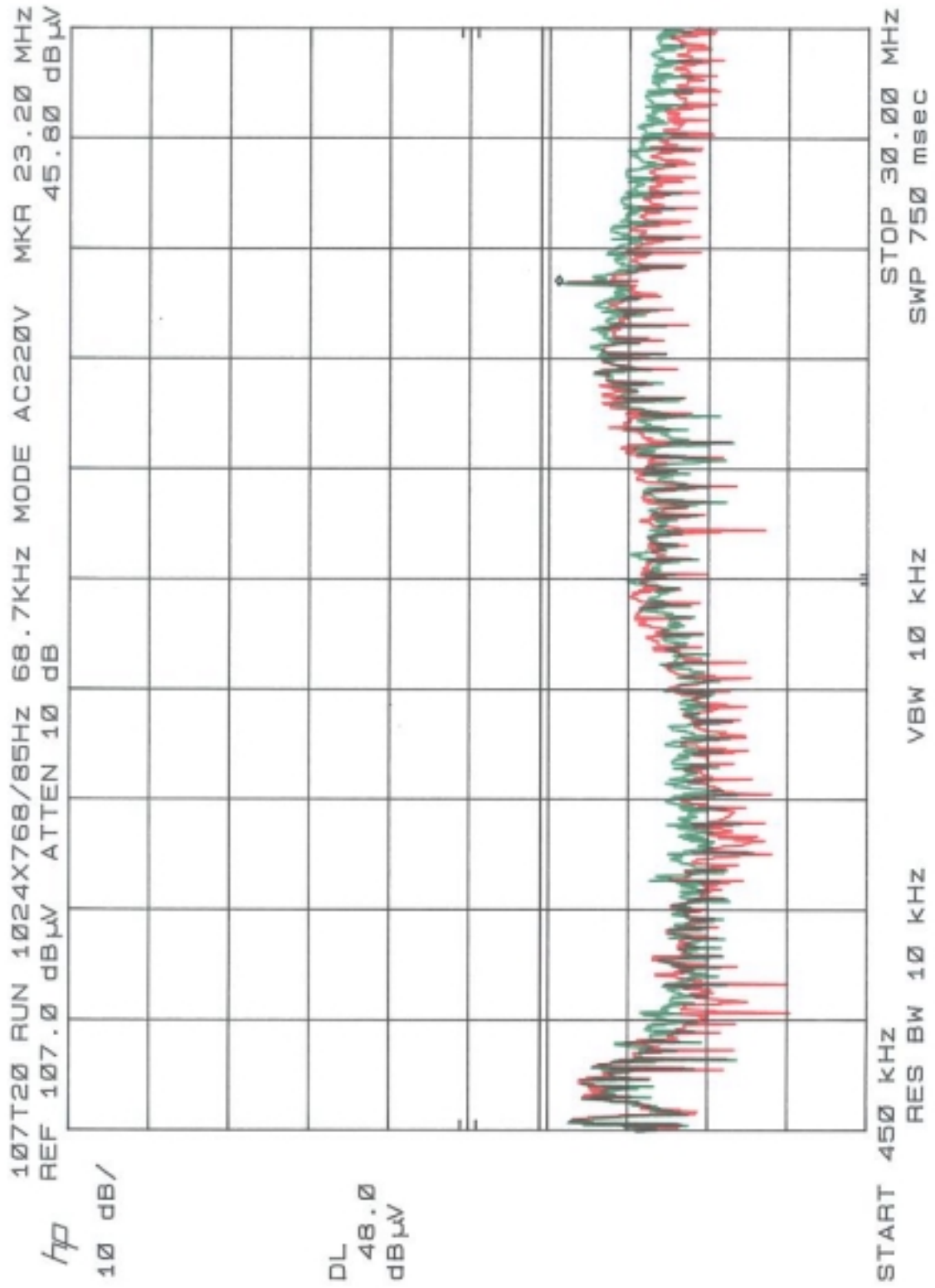
Checked by:



K.J. Hsu – EMC Engineer  
NVLAP Signatory







# FCC TEST REPORT

Report No. : EMI00-020A

Tested Date: May/22/00

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 Philips Electronics Industries (Taiwan) Ltd.  
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 EMISSION FROM LOW-VOLTAGE ELECTRONIC EQUIPMENT IN THE RANGE  
 OF 9KHz TO 40GHz”

Monitor was connected to floor mounted AC outlet.

64.0KHz mode (1280x1024/60Hz) was tested.

D-sub I/F cable with one ferrite core was used.

Non-shield power cord was used during test.

The test equipment used for testing please refer to the list as attached.

Deviation: None

## Radiated RF Level – Peak Value

| Frequency<br>(MHz) | Horizontal<br>(dBuv/m) | Vertical<br>(dBuv/m) | FCC/B Limit<br>(dBuv/m) |
|--------------------|------------------------|----------------------|-------------------------|
| 55.73              | 25.56                  | 31.86                | 40.0                    |
| 111.49             | 28.36                  | 29.16                | 43.5                    |
| 113.96             | 32.59                  | 32.79                | 43.5                    |

FCC ID: A3KM076

|        |       |       |      |
|--------|-------|-------|------|
| 167.24 | 34.61 | 33.11 | 43.5 |
| 195.11 | 31.15 | 30.85 | 43.5 |
| 250.87 | 35.35 | 33.65 | 46.0 |
| 306.02 | 31.12 | 31.52 | 46.0 |
| 324.02 | 30.39 | 31.89 | 46.0 |
| 330.02 | 31.22 | 31.42 | 46.0 |
| 334.48 | 32.51 | 33.52 | 46.0 |
| 342.02 | 32.0  | 31.5  | 46.0 |
| 360.02 | 31.5  | 30.9  | 46.0 |
| 445.98 | 35.2  | 37.2  | 46.0 |
| 501.74 | 37.31 | 36.51 | 46.0 |
| 529.61 | 36.52 | 35.92 | 46.0 |
| 557.48 | 36.46 | 36.86 | 46.0 |
| 641.11 | 37.24 | 38.04 | 46.0 |
| 669.0  | 38.49 | 38.59 | 46.0 |

Spectrum Analyzer Setting:

RBW: 100KHz

VBW: 100KHz

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Test distance between device under test and receiving antenna was 3-meter.

Sample of calculation:

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