

FCC TEST REPORT

Report No. : EMI00-005A

Tested Date: Mar./10/00

Test Performed By
 Philips Electronics Industries (Taiwan) Ltd.
 Business Electronics
 EMC Lab.
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Manufacturer : Philips Business Electronics

Tested System:

1. EUT : Fujitsu Siemens 21P3 color monitor s/n: TY0004003
FCC ID : A3KM097
2. Computer : Fujitsu Siemens 661PIII s/n: 171617
FCC ID : HSSSCENIC6511
3. Keyboard : Fujitsu Siemens S26381-K252 s/n: 002212
FCC ID : HSSDITASTK252
4. Mouse : Logitech M-S34 s/n: L2Z9523043
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 : Matrox G200 AGP s/n: PAC90428
FCC ID : FCC Logo

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.
 107.0KHz mode (1280x1024/100Hz) with Matrox G200 video card was tested.
 D-sub I/F cable with two ferrite cores 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 (MHz)	Horizontal (dBuV/m)	Vertical (dBuV/m)	FCC/B Limit (dBuV/m)
73.73	26.92	31.02	40.0
129.11	32.57	32.07	43.5
147.51	31.38	Ambient	43.5
166.05	29.28	28.58	43.5
184.51	30.05	33.55	43.5

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221.41	34.32	32.82	46.0
276.76	35.38	34.98	46.0
313.66	33.75	34.15	46.0
332.12	41.56	38.26	46.0
350.58	31.4	31.0	46.0
369.02	34.0	36.0	46.0
387.48	30.83	32.03	46.0
405.93	34.67	36.37	46.0
424.37	33.18	35.98	46.0
442.81	32.03	33.83	46.0
461.27	36.96	37.86	46.0
478.73	33.76	34.86	46.0
516.62	37.63	37.33	46.0
535.06	33.94	33.44	46.0
590.45	39.38	36.38	46.0
608.91	36.98	36.68	46.0
738.02	40.54	39.44	46.0
756.48	38.59	37.69	46.0
830.29	39.48	39.68	46.0

Spectrum Analyzer Setting:

RBW: 100KHz

VBW: 100KHz

Quasi-peak Values were taken with Rohde & Schwarz ESVS 30 EMI Test receiver.

Radiated RF Level – Quasi-Peak Value

Frequency (MHz)	Horizontal (dBuV/m)	Vertical (dBuV/m)	FCC/B Limit (dBuV/m)
36.91	28.82	36.12	40.0
55.31	29.65	34.75	40.0
498.19	38.93	40.23	46.0
645.77	38.34	40.23	46.0
682.69	37.79	36.99	46.0
922.53	38.49	38.19	46.0
977.89	37.96	37.16	46.0

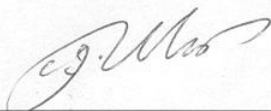
The spectrum was scanned from 30MHz to 1000MHz and the significant emissions were recorded.

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

