

FCC TEST REPORT

Report No. : EMI00-005B

Tested Date: Mar./13/00

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.
 112.5KHz mode (1600x1200/90Hz) with Matrox G200 video card was tested.
 BNC I/F cable with one 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)
145.81	30.96	ambient	43.5
218.71	35.02	33.12	46.0
243.01	39.62	35.22	46.0
267.31	35.08	34.28	46.0
315.91	38.16	34.36	46.0
340.21	38.36	35.78	46.0

FCC ID: A3KM097

388.81	37.10	35.60	46.0
631.82	39.88	39.48	46.0
972.03	43.15	41.95	54.0

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)
48.61	31.26	37.36	40.0
72.89	33.04	35.54	40.0
121.51	39.36	38.35	46.0
170.11	41.5	41.3	46.0
291.61	39.44	42.94	46.0
364.51	41.9	37.2	46.0
413.11	41.05	37.65	46.0
437.41	39.98	41.08	46.0
461.71	40.98	42.58	46.0
486.01	43.45	43.75	46.0
534.61	41.24	41.34	46.0
558.91	37.81	40.61	46.0
583.21	42.29	40.29	46.0
607.52	41.45	38.75	46.0
656.12	41.80	41.30	46.0
680.42	40.42	39.22	46.0
704.72	38.68	39.58	46.0
729.02	38.85	39.85	46.0
753.32	41.54	41.04	46.0
777.62	40.64	38.84	46.0
826.22	40.91	39.31	46.0
850.52	38.62	37.62	46.0
899.12	39.49	39.79	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:

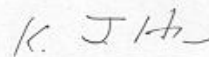
Final value (dBuv/m) = Antenna Factor (dB) + Cable Loss (dB) + Reading value (dBuv/m)

Tested by:



C.C. Wu

Checked by:



K.J. Hsu – EMC Engineer
 NVLAP Signatory

