

FCC TEST REPORT

Report No. : EMI00-006A

Tested Date: Mar./17/2000

Test Performed By
 Philips Electronics Industries (Taiwan) Ltd.
 Business Electronics
 EMC Lab.
 No. 5, Tze Chiang 1 Road,
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Manufacturer : Philips Business Electronics

Tested System:

1. EUT	: 150B1	s/n: TY9904066
FCC ID	: A3KM095	
2. Computer	: HP D5044N	s/n: FR80627955
FCC ID	: B94VECTRAV6DT	
3. Keyboard	: HP 3746	s/n: J73I9E0095
FCC ID	: FCC Logo	
4. Mouse	: HP M-S34	s/n: LZA7354
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 GIA	s/n:10543
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.

48.3KHz mode (1024x768/60Hz) was tested.

D-sub I/F cable with two ferrite cores was used.

AC adapter with non-shielded 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)
68.0	23.54	26.84	40.0
115.6	30.96	32.96	43.5
122.4	27.86	29.56	43.5
136.0	32.26	27.96	43.5

149.6	27.5	ambient	43.5
156.4	28.7	28.7	43.5
163.2	29.39	27.39	43.5
183.6	30.36	29.96	43.5
197.2	30.87	29.17	43.5
217.6	33.84	32.04	46.0
224.4	35.68	35.08	46.0
238.0	35.1	35.9	46.0
251.6	38.5	35.7	46.0
258.4	36.1	33.9	46.0
272.0	36.48	37.18	46.0
292.4	35.24	35.04	46.0
306.0	31.02	32.72	46.0
319.6	30.18	31.08	46.0
326.4	31.52	31.32	46.0
340.0	32.16	36.16	46.0
374.0	31.2	35.0	46.0
394.4	31.48	33.88	46.0
408.0	32.09	36.19	46.0
462.4	32.78	38.28	46.0
510.0	33.78	ambient	46.0
578.0	34.23	35.03	46.0
659.6	36.78	37.18	46.0
680.0	38.62	38.12	46.0
774.0	38.98	38.12	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 – QP Value

Frequency (MHz)	Horizontal (dBuv/m)	Vertical (dBuv/m)	FCC/B Limit (dBuv/m)
170.0	36.4	32.4	43.5
714.0	37.04	36.54	46.0
748.0	39.22	38.72	46.0
760.98	40.27	39.57	46.0
767.49	41.07	40.37	46.0
780.49	43.38	42.58	46.0
793.51	39.7	39.0	46.0
800.01	39.2	38.8	46.0
910.57	39.84	39.14	46.0
918.0	38.87	38.37	46.0

FCC ID: A3KM095

The spectrum was scanned from 30 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 (dBuV) + Reading (dBuV/m)

Tested By:



C.C.Wu

Checked By:



K.J.Hsu – EMC Engineer
NVLAP Signatory





