

FCC TEST REPORT

Report No. : EMI00-006
 Tested Date: Mar./16/2000

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	: 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.
 60.0KHz mode (1024x768/75Hz) 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)
47.6	24.32	28.42	40.0
54.4	25.84	32.64	40.0
61.2	24.33	29.23	40.0
68.0	23.04	26.34	40.0

115.6	30.86	31.56	43.5
122.4	27.96	27.46	43.5
136.0	31.76	28.86	43.5
149.6	32.2	28.1	43.5
163.2	27.89	28.09	43.5
170.0	36.2	30.5	43.5
197.2	31.47	29.47	43.5
217.6	34.84	32.64	46.0
224.4	34.68	33.08	46.0
251.6	37.1	37.0	46.0
258.4	37.8	39.0	46.0
265.2	34.2	34.0	46.0
272.0	37.18	35.08	46.0
292.4	35.64	36.14	46.0
306.0	33.12	34.82	46.0
319.6	31.48	34.48	46.0
340.0	31.66	34.26	46.0
374.0	30.6	32.6	46.0
387.6	31.26	32.96	46.0
394.4	31.78	34.38	46.0
408.0	31.89	35.39	46.0
442.0	31.80	32.70	46.0
448.97	33.67	32.77	46.0
462.46	32.68	35.68	46.0
476.0	33.23	34.63	46.0
544.0	33.47	34.37	46.0
646.0	36.64	35.94	46.0
680.0	38.32	38.12	46.0
693.14	39.53	38.33	46.0
748.0	41.02	38.32	46.0
795.54	39.13	38.53	46.0
827.04	39.73	38.83	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 (dB μ v/m)	Vertical (dB μ v/m)	FCC/B Limit (dB μ v/m)
714.0	38.44	38.34	46.0
803.41	39.44	38.94	46.0
811.29	39.77	37.87	46.0
842.79	39.68	38.98	46.0
850.67	39.92	38.82	46.0
866.42	40.18	38.88	46.0
918.0	38.67	38.17	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 (dB) + Reading (dBuv/m)

Tested By:



C.C. Wu

Checked By:



K.J.Hsu – EMC Engineer
NVLAP Signatory





