

5. SUPPORTING DEVICES TO TEST

SUPPORT UNIT 1. ----- PERSONAL COMPUTER

Manufacturer : Jm Computer Inc.
Model Number : C486SDX-SDT
Power Supply Type : Switching
Power Cord : Shielded, Detachable, 1.2m
Data Cable : Shielded, Detachable, 1.2m
FCC ID : K25C486SDX-SDT

SUPPORT UNIT 2. ----- MONITOR × 2

Manufacturer : Acer Peripherals Inc.
Model Number : 7134T
Power Supply Type : Switching
Power Cord : Shielded, Detachable, 1.2m
Data Cable : Shielded, Undetachable, 1m
FCC ID : JVP7134T

SUPPORT UNIT 3. ----- PRINTER

Manufacturer : Hewlett-Packard Singapore Pte Ltd.
Model Number : C2642A
Power Supply Type : Linear
Power Cord : Non-Shielded, Detachable, 1.2m
Data Cable : Shielded, Detachable, 1m. 2464
FCC ID : N/A

Test Report



SUPPORT UNIT 4. ----MODEM x 2

Manufacturer : ACEEX
Model Number : 1414
Power Supply Type : Linear
Power Cord : Non-Shielded, Detachable, 1.2m
Data Cable : Shielded, Detachable, 1m
FCC ID : IFAXDM1414

SUPPORT UNIT 5. ----KEYBOARD

Manufacturer : Acer Peripherals Inc.
Model Number : 6311-KW
Power Supply Type : N/A
Power Cord : N/A
Data Cable : Shielded, Undetachable, 1.2m
FCC ID : JVPKBS-WIN

SUPPORT UNIT 5. ----KEYBOARD

Manufacturer : Acer Inc.
Model Number : 6011
Power Supply Type : N/A
Power Cord : N/A
Data Cable : Shielded, Undetachable, 1.2m
FCC ID : GQ86011A



SUPPORT UNIT 7. -----MOUSE

Manufacturer : ACER
Model Number : M-S34
Power Supply Type : N/A
Power Cord : N/A
Data Cable : Shielded, Undetachable, 1m
FCC ID : DZL211029

SUPPORT UNIT 8. ----- PERSONAL COMPUTER

Manufacturer : ASUS Inc.
Model Number : SP97V
Power Supply Type : Switching
Power Cord : Shielded, Detachable, 1.2m
Data Cable : Shielded, Detachable, 1.2m
FCC ID : N/A

EQUIPMENT UNDER TEST ----- SWITCH

Manufacturer : NATIONAL DATACOMM CORPORATION
Model Number : NDS316, DS316
Data Cable : Shielded, Detachable, 20m
24AWG 9PR STP EIA/TIA 568 CAT5
FCC ID : IOUNDS316S01



CONDUCTED EMISSIONS TEST DATA

Note : HOT LINE TEST

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
3.021	33.16	-14.84	48.00	31.20	0.16	1.80	0.00
6.271	29.36	-18.64	48.00	27.16	0.35	1.85	0.00
8.103	33.00	-15.00	48.00	30.71	0.43	1.85	0.00
9.670	33.83	-14.17	48.00	31.52	0.49	1.82	0.00
10.615	32.08	-15.92	48.00	29.73	0.53	1.82	0.00
13.718	33.94	-14.06	48.00	31.41	0.66	1.87	0.00
16.318	30.19	-17.81	48.00	27.55	0.73	1.91	0.00
20.071	29.27	-18.73	48.00	26.45	0.80	2.02	0.00
21.992	28.17	-19.83	48.00	25.26	0.84	2.07	0.00
23.706	27.15	-20.85	48.00	24.16	0.88	2.11	0.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line



CONDUCTED EMISSIONS TEST DATA

Note : NEUTRAL LINE TEST

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
2.991	29.99	-18.01	48.00	28.04	0.16	1.80	0.00
6.567	29.46	-18.54	48.00	27.25	0.36	1.85	0.00
8.044	32.99	-15.01	48.00	30.71	0.43	1.85	0.00
11.295	33.07	-14.93	48.00	30.48	0.56	1.83	0.00
12.536	31.40	-16.60	48.00	28.95	0.61	1.84	0.00
15.639	30.03	-17.97	48.00	27.41	0.72	1.90	0.00
16.968	28.04	-19.96	48.00	25.37	0.74	1.93	0.00
22.376	28.68	-19.32	48.00	25.76	0.85	2.07	0.00
23.410	28.84	-19.16	48.00	25.87	0.87	2.09	0.00
25.095	27.62	-20.38	48.00	24.53	0.93	2.16	0.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss - Preamp Factor
2. Over Limit = Level - Limit Line



RADIATED EMISSIONS TEST DATA

Antenna polarization : HORIZONTAL ; Test distance : 3 m ;

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
125.002	36.91	- 6.59	43.50	43.72	11.99	1.20	20.00
225.005	34.82	-11.18	46.00	35.66	17.15	2.01	20.00
250.006	41.47	- 4.53	46.00	40.50	18.77	2.20	20.00
300.006	38.84	- 7.16	46.00	40.74	14.80	3.30	20.00
325.006	31.85	-14.15	46.00	34.34	13.82	3.69	20.00
350.006	34.18	-11.82	46.00	34.81	15.28	4.09	20.00
375.006	33.46	-12.54	46.00	32.86	16.10	4.50	20.00
400.006	35.82	-10.18	46.00	34.14	16.79	4.89	20.00
425.008	28.91	-17.09	46.00	26.12	17.60	5.19	20.00
575.012	31.52	-14.48	46.00	27.04	18.90	5.58	20.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss - Preamp Factor
2. Over Limit = Level - Limit Line



RADIATED EMISSIONS TEST DATA

Antenna polarization : VERTICAL ; Test distance : 3 m ;

Freq. (MHz)	Level (dB)	Over Limit (dB)	Limit Line (dB)	Read Level (dB)	Probe Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)
125.002	37.38	- 6.12	43.50	44.29	11.99	1.10	20.00
225.005	34.88	-11.12	46.00	35.28	17.15	2.45	20.00
250.006	40.19	- 5.81	46.00	38.62	18.77	2.80	20.00
300.007	31.21	-14.79	46.00	33.11	14.80	3.30	20.00
325.006	26.41	-19.59	46.00	28.90	13.82	3.69	20.00
350.006	34.07	-11.93	46.00	34.70	15.28	4.09	20.00
400.008	30.66	-15.34	46.00	28.98	16.79	4.89	20.00
450.010	29.75	-16.25	46.00	26.95	17.31	5.50	20.00
475.010	39.43	- 6.57	46.00	36.13	17.50	5.80	20.00
525.012	32.11	-13.89	46.00	28.09	18.09	5.93	20.00

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line