5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHZ.

TEMPERATURE : 26 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.46	38.90	*	250
0.51	30.20	38.60	250
0.80	*	34.50	250
1.57	28.30	32.70	250
3.00	*	32.50	250
3.61	33.10	*	250
4.70	33.10	35.50	250
10.02	35.00	35.30	250
17.2	33.40	30.40	250
25.0	41.40	42.00	250

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).SCC + CPU-266 + 3.2HDD + MODEM

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

(6).ANY DEPARTURE FROM SPECIFICATION : N/A

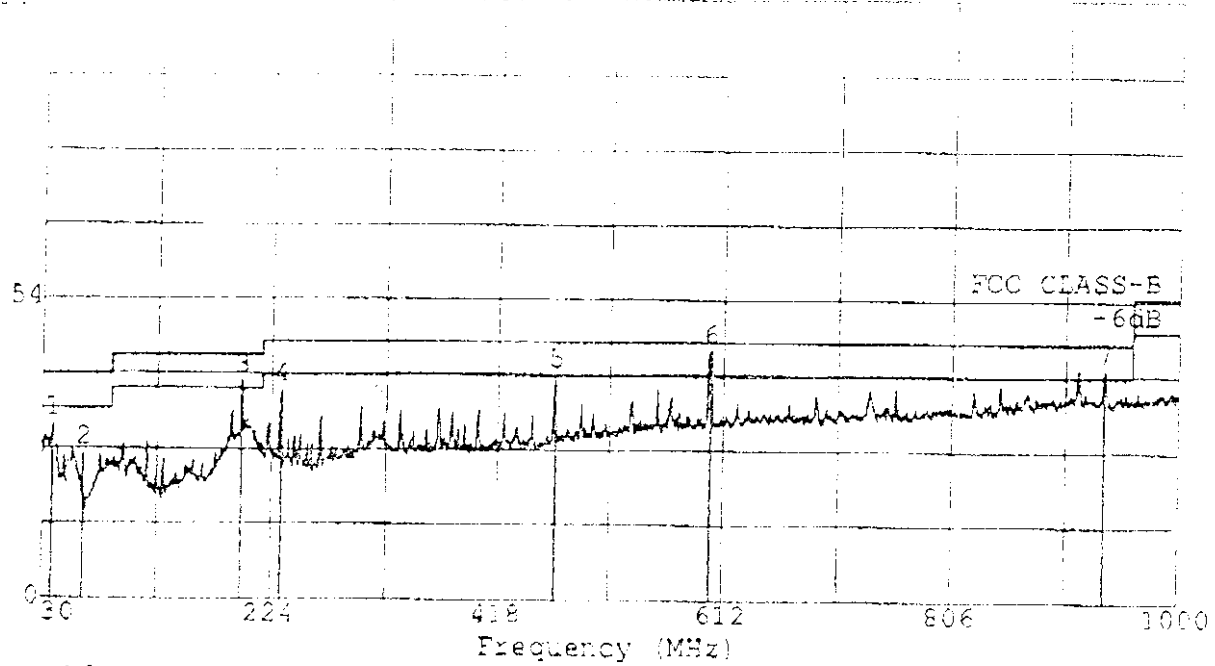
Res: 1024 x 768 (NI) 12.1" TFT LCD

SIGNED BY TESTING ENGINEER : _____

FCC ID BJM TNB5900

SPECTRUM RESEARCH & TESTING LAB., INC.
NO. 101-1C, LING 8, SHAN-TONG LI,
CHUNGLI CITY, TAOYUAN, TAIWAN R.C.C.
TEL:(03)4987684 Fax:(03)4986528
E-mail: srtlab@ms17.hinet.net

Data#: 17 File#: TATUNG.EMI Date: 1998-06-18 Time: 00:16:07



Trace: 16 Ref Trace:
Limit: FCC CLASS-B 3m Probe: FACTOR_2 VERTICAL
EUT : NOTEBOOK
Model : 5900
Memo : 12.1" TFT 1024*768
: FULL SYSTEM

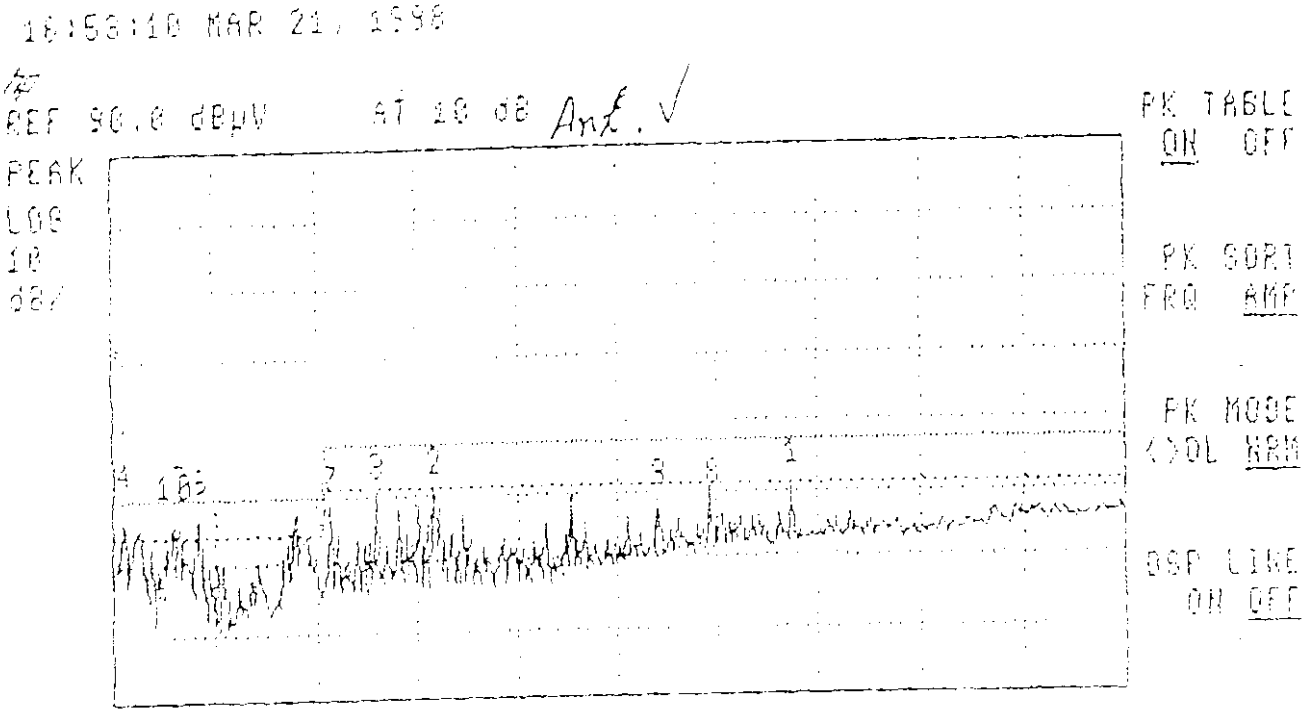
Display : CRT only.

LCD : No display.

So, at 1024 x 768. The emission will be lower than other resolutions (No LCD Noise)

FCC ID : BJM TNB 5900

12.1" TFT



Display : LCD + CRT

at 800 x 600

The emission will be higher than 1024 x 768 resolution

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHZ.

TEMPERATURE : 26 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.48	*	40.27	250
0.80	40.27	*	250
2.15	44.16	24.83	250
4.38	35.89	*	250
17.5	*	38.02	250

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).SCC + CPU-200 + 3.2HDD + MODEM

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

(6).ANY DEPARTURE FROM SPECIFICATION : N/A

Res: 1024 x 768 (NI) 13.3" TFT LCD

SIGNED BY TESTING ENGINEER : _____

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHZ.

TEMPERATURE : 25 C

HUMIDITY : 70 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.47	*	38.02	250
0.80	37.15	*	250
2.70	44.67	*	250
9.37	*	23.71	250
17.0	*	37.15	250
22.6	60.95	*	250

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

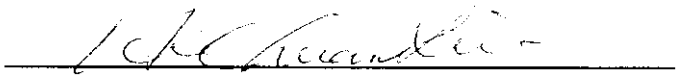
(3).SCC + CPU-233 + 3.2HDD + MODEM

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

(6).ANY DEPARTURE FROM SPECIFICATION : N/A

Res: 1024 x 768 (NI) 13.3" TFT LCD

SIGNED BY TESTING ENGINEER : 

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHZ.

TEMPERATURE : 25 C

HUMIDITY : 70 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.48	51.88	*	250
0.77	19.72	33.88	250
3.57	24.55	43.15	250
3.77	*	41.69	250
17.4	33.50	*	250
23.9	*	95.50	250

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

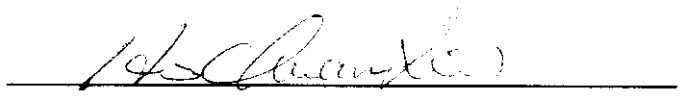
(3).SCC + CPU-266 + 3.2HDD + MODEM

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

(6).ANY DEPARTURE FROM SPECIFICATION : N/A

Res: 1024 x 768 (NI) 13.3" TFT LCD

SIGNED BY TESTING ENGINEER : 

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHZ. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(~~uV~~ dBuV)		LMTS (uV)
			HORIZ	VERT	HORIZ	VERT	
56.84	0.3	8.10	28.60	*	37.00	*	100
194.9	0.9	10.4	25.40	25.50	36.70	36.80	150
232.7	1.8	10.7	27.62	30.25	40.12	42.75	200
454.9	2.7	16.4	20.62	21.80	39.72	40.90	200
584.8	3.0	18.8	16.10	17.76	37.90	39.56	200
735.2	3.4	20.5	*	13.01	*	36.91	200

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). SCC + CPU-266 + 3.2HDD + MODEM

(4). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(5). TEST CONFIGURATION PLEASE SEE 5.4

(6). TEST EQUIPMENT PLEASE SEE 5.1

(7). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(8). ANY DEPARTURE FROM SPECIFICATION : N/A
Res: 1024 x 768 (NI) 13.3" TFT LCD

SIGNED BY TESTING ENGINEER : _____

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHZ. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(~~uV~~ dBuV)		LMTS (uV)
			HORIZ	VERT	HORIZ	VERT	
62.98	1.0	6.00	27.86	*	34.86	*	100
194.9	0.9	10.4	24.90	24.70	36.20	36.00	150
302.6	2.2	14.5	*	18.50	*	35.20	200
453.9	2.7	16.4	20.72	20.90	39.82	40.00	200
584.8	3.0	18.8	15.40	*	37.20	*	200
798.2	3.5	20.6	*	12.39	*	36.49	200

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). SCC + CPU-233 + 3.2HDD + MODEM

(4). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(5). TEST CONFIGURATION PLEASE SEE 5.4

(6). TEST EQUIPMENT PLEASE SEE 5.1

(7). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(8). ANY DEPARTURE FROM SPECIFICATION : N/A
Res: 1024 x 768 (NI) 13.3" TFT LCD

SIGNED BY TESTING ENGINEER : _____

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHZ. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION ~~(uV)~~ dBuV		LMTS (uV)
			HORIZ	VERT	HORIZ	VERT	
62.98	1.0	6.00	27.26	*	34.26	*	100
194.9	0.9	10.4	24.50	24.00	35.80	35.30	150
232.7	1.8	10.7	27.32	24.25	39.82	36.75	200
453.9	2.7	16.4	*	23.70	*	42.80	200
584.8	3.3	20.1	15.30	11.96	38.70	35.36	200

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). SCC + CPU-200 + 3.2HDD + MODEM

(4). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(5). TEST CONFIGURATION PLEASE SEE 5.4

(6). TEST EQUIPMENT PLEASE SEE 5.1

(7). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(8). ANY DEPARTURE FROM SPECIFICATION : N/A
Res: 1024 x 768 (NI) 13.3" TFT LCD

SIGNED BY TESTING ENGINEER : _____

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHZ. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(uV)		LMTS (uV)
			HORIZ	VERT	HORIZ	VERT	
30.00	0.2	-2.1	33.60	*	39.00	*	100
38.73	0.2	0.3	*	30.54	*	35.64	100
58.13	1.0	5.9	26.18	*	45.10	*	100
200.1	0.9	10.5	27.36	27.17	87.00	85.50	200
233.3	1.8	10.7	26.82	24.65	92.50	72.03	200
266.68	1.9	11.2	28.88	*	126.00	*	200
447.10	2.7	16.3	18.66	*	76.40	*	200
467.97	2.7	16.5	*	20.90	*	101.40	200
604.33	3.0	19.0	20.51	20.31	133.50	130.31	200

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). SCC + CPU-200 + 3.2HDD + MODEM

(4). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(5). TEST CONFIGURATION PLEASE SEE 5.4

(6). TEST EQUIPMENT PLEASE SEE 5.1

(7). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(8). ANY DEPARTURE FROM SPECIFICATION : N/A

SIGNED BY TESTING ENGINEER : _____

what data is this?

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8B17-1

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHz.

TEMPERATURE : 28 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (dBuv)	LINE 2 (DBuv)	LIMIT (dBuv)
0.46	38.9	*	48.0
0.51	30.2	38.6	48.0
0.80	*	34.5	48.0
1.57	28.3	32.7	48.0
3.00	*	32.5	48.0
3.61	33.1	*	48.0
4.70	33.1	35.5	48.0
10.0	35.0	35.3	48.0
17.2	33.4	30.4	48.0
25.0	41.4	42.0	48.0

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).CPU: PENTIUM - 266MHz CLOCK CHIP: 66MHz

(4).RESOLUTION: 1024 X 768(NI) (CRT only, No LCD display)

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

(7).ANY DEPARTURE FROM SPECIFICATION : N/A

(8).LCD PANEL: 12.1" TFT

SIGNED BY TESTING ENGINEER : Taylor

2/a 98

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8B17-1

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHz. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.
TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(dBuV)		LMTS (dBuV)
			HORIZ	VERT	HORIZ	VERT	
30.00	0.2	-2.1	35.5	*	33.60	*	40.0
38.73	0.2	0.30	*	30.04	*	30.54	40.0
58.13	1.0	5.90	19.18	*	26.08	*	40.0
200.1	0.9	10.5	27.36 ✓	27.17 ✓	38.76	38.57	43.5
233.3	1.8	10.7	26.82 ✓	24.65 ✓	39.32	37.15	46.0
266.7	1.9	11.2	28.88 ✓	*	41.98	*	46.0
447.1	2.7	16.3	18.66 ✓	*	37.66	*	46.0
468.0	2.7	16.5	*	20.90 ✓	*	40.10	46.0
604.3	3.0	19.0	20.51 ✓	20.30 ✓	42.51	42.30	46.0

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). CPU: PENTIUM - 266MHz CLOCK CHIP: 66MHz

(4). RESOLUTION: 1024 X 768(NI) (CRT only, No LCD display)

(5). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(9). ANY DEPARTURE FROM SPECIFICATION : N/A

SIGNED BY TESTING ENGINEER : Taylor

may similar 32 of 81

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8E11-1

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHz.

TEMPERATURE : 28 C

HUMIDITY : 78 %RH

FREQUENCY (MHz)	LINE 1 (dBuv)	LINE 2 (dBuv)	LIMIT (dBuv)
0.48	*	40.27	48.0
0.80	40.27	*	48.0
2.15	44.16	24.83	48.0
4.38	35.89	*	48.0
17.5	*	38.02	48.0

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).CPU: PENTIUM - 200MHz CLOCK CHIP: 66MHz

(4).RESOLUTION: 1024 X 768 (NI)

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

(7).ANY DEPARTURE FROM SPECIFICATION : N/A

(8).LCD PANEL: 13.3"TFT

SIGNED BY TESTING ENGINEER : Taylor auth

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8E11-1

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHz.

TEMPERATURE : 28 C

HUMIDITY : 78 %RH

see page 21 of 81

FREQUENCY (MHz)	LINE 1 ~~(dBuv)~~ uV	LINE 2 ~~(dBuv)~~ uV	LIMIT (dBuv)
0.47	*	38.02	48.0
0.80	37.15	*	48.0
2.70	44.67	*	48.0
9.37	*	23.71	48.0
17.0	*	37.15	48.0
22.6	60.95	*	48.0

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).CPU: PENTIUM - 233MHz CLOCK CHIP: 66MHz

(4).RESOLUTION: 1024 X 768(NI)

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

(7).ANY DEPARTURE FROM SPECIFICATION : N/A

(8).LCD PANEL: 13.3"TFT

SIGNED BY TESTING ENGINEER : Taylor auth

21 of 81

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8E11-1

5.7 CONDUCTED POWER LINE TEST RESULT

THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. ALL READINGS ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 9 KHz.

TEMPERATURE : 28 C

HUMIDITY : 78 %RH

OK all pass 1d of 81

FREQUENCY (MHz)	LINE 1 (dBuv) MV	LINE 2 (dBuv) MV	LIMIT (dBuv)
0.48	51.88	*	48.0
0.77	19.72	33.88	48.0
3.57	24.55	43.15	48.0
3.77	*	41.69	48.0
17.4	33.50	*	48.0
23.9	*	9.550	48.0

REMARKS : (1).* = MEMENT DOES NOT APPLY FOR THIS FREQUENCY

(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).CPU: PENTIUM - 266MHz CLOCK CHIP: 66MHz

(4).RESOLUTION: 1024 X 768(NI)

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

(7).ANY DEPARTURE FROM SPECIFICATION : N/A

(8).LCD PANEL: 13.3"TFT

SIGNED BY TESTING ENGINEER : Taylor auth

21d of 81

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8E11-1

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHz. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(dBuV)		LMTS (dBuV)
			HORIZ	VERT	HORIZ	VERT	
62.98	1.0	6.00	27.26	*	34.26	*	40.0
194.9	0.9	10.4	24.50	24.00	35.80	35.30	43.5
232.7	1.8	10.7	27.32	24.25	39.82	36.75	46.0
453.9	2.7	16.4	*	23.70	*	42.80	46.0
584.8	3.3	20.1	15.30	11.96	38.70	35.36	46.0

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). CPU: PENTIUM - 200MHz CLOCK CHIP: 66MHz

(4). RESOLUTION: 1024 X 768(NI)

(5). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(9). ANY DEPARTURE FROM SPECIFICATION : N/A

(10). LCD PANEL: 13.3"TFT

SIGNED BY TESTING ENGINEER : Taylor auth

32498

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8E11-1

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHz. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(dBuV)		LMTS (dBuV)
			HORIZ	VERT	HORIZ	VERT	
62.98	1.0	6.00	27.86	*	34.86	*	40.0
194.9	0.9	10.4	24.90	24.70	36.20	36.00	43.5
302.6	2.2	14.5	*	18.50	*	35.20	46.0
453.9	2.7	16.4	20.72	20.90	39.82	40.00	46.0
584.8	3.0	18.8	15.40	*	37.20	*	46.0
798.2	3.5	20.6	*	12.39	*	36.49	46.0

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). CPU: PENTIUM - 233MHz CLOCK CHIP: 66MHz

(4). RESOLUTION: 1024 X 768(NI)

(5). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

(9). ANY DEPARTURE FROM SPECIFICATION : N/A

(10).LCD PANEL: 13.3"TFT

SIGNED BY TESTING ENGINEER : Taylor auth

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T8E11-1

6.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. ALL READINGS FROM 30 MHz TO 1 GHz ARE QUASI-PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 120 KHz. ALL READINGS ARE ABOVE 1 GHz, PEAK VALUES WITH A RESOLUTION BANDWIDTH OF 1 MHz. MEASUREMENTS WERE MADE AT 3 METERS.

TEMPERATURE : 28 C HUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(dBuV)		LMTS (dBuV)
			HORIZ	VERT	HORIZ	VERT	
56.84	0.3	8.10	28.60	*	37.00	*	40.0
194.9	0.9	10.4	25.40	25.50	36.70	36.80	43.5
232.7	1.8	10.7	27.62	30.25	40.12	42.75	46.0
454.9	2.7	16.4	20.62	21.80	39.72	40.90	46.0
584.8	3.0	18.8	16.10	17.76	37.90	39.56	46.0
735.2	3.4	20.5	*	13.01	*	36.91	46.0

REMARKS : (1). MEASUREMENT DOES NOT APPLY FOR THIS FREQUENCY.

(2). THE MAXIMUM CONDITION WAS WITH THE MONITOR POWER CORD CONNECTED TO THE PERSONAL COMPUTER.

(3). CPU: PENTIUM - 266MHz CLOCK CHIP: 66MHz

(4). RESOLUTION: 1024 X 768(NI)

(5). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS <+/-4dB

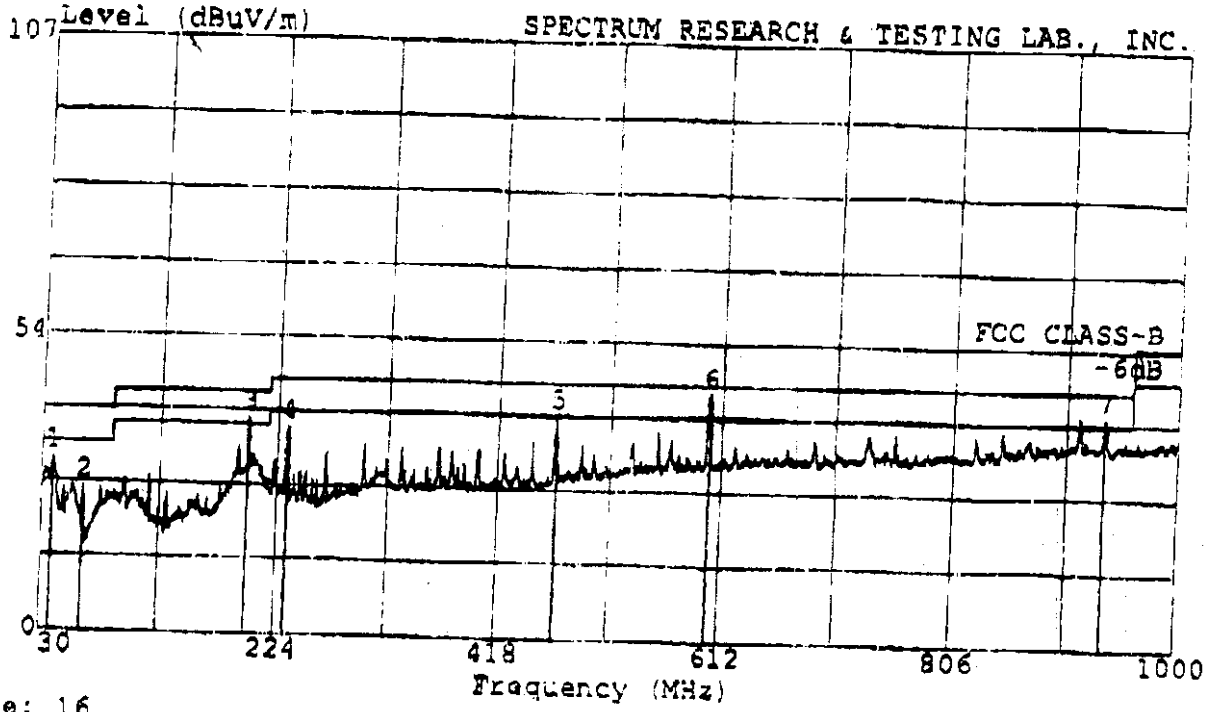
(9). ANY DEPARTURE FROM SPECIFICATION : N/A

(10).LCD PANEL: 13.3"TFT

SIGNED BY TESTING ENGINEER : Taylor auth

SPECTRUM RESEARCH & TESTING LAB., INC.
NO. 101-10, LING 8, SHAN-TONG LI,
CHUNGLI CITY, TAOYUAN, TAIWAN R.O.C.
TEL: (03) 4987684 Fax: (03) 4986528
E-mail: srtlab@ms17.hinet.net

Data#: 17 File#: TATUNG.EMI Date: 1998-06-18 Time: 00:16:07

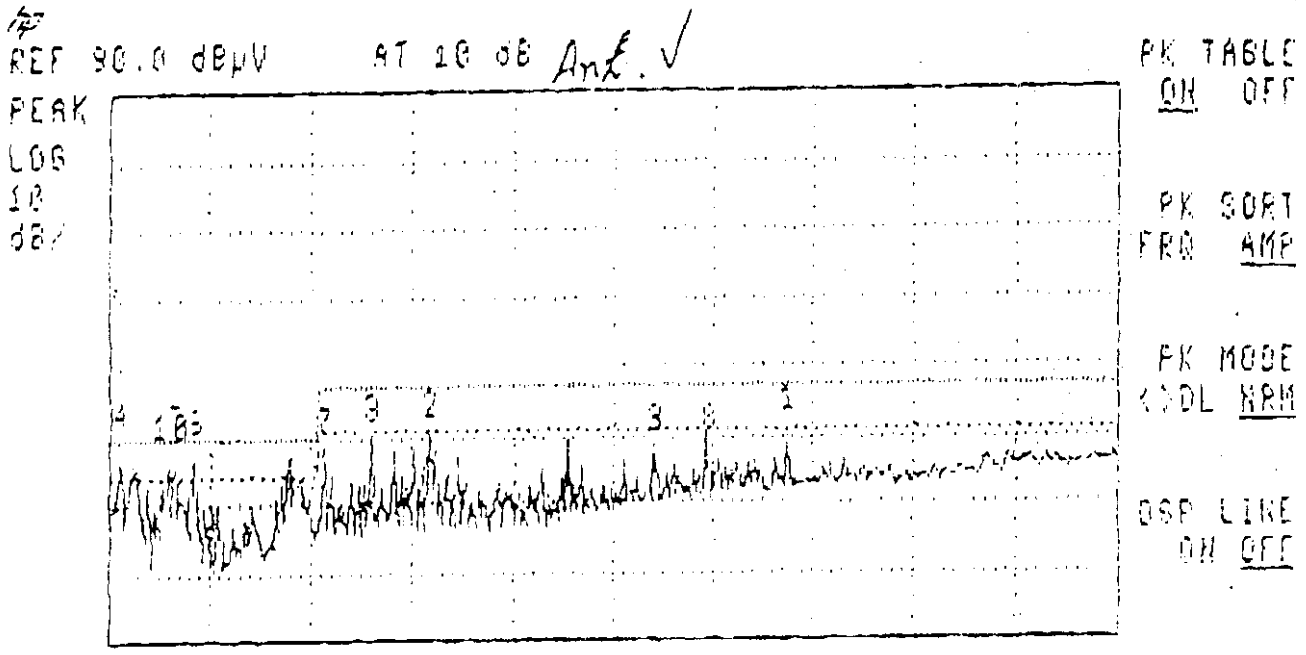


Trace: 16
Limit: FCC CLASS-B 3m Probe: FACTOR_2 VERTICAL Ref Trace:
EUT : NOTEBOOK
Model : 5900
Memo : 12.1" TFT 1024*768
: FULL SYSTEM
Tester:

Display : NO LCD,

CRT only

Pre-test at 9×7.2×6 m^3 Anechoic Chamber



Tatung Notebook PC.

12.1" TFT, 800 x 600 Resolution

Display : CRT with LCD.

Pre-test at 9x7.x 6$^{m^3}$ Anechoic Chamber