

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.

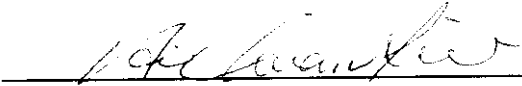
TEMPERATURE : 26 C

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

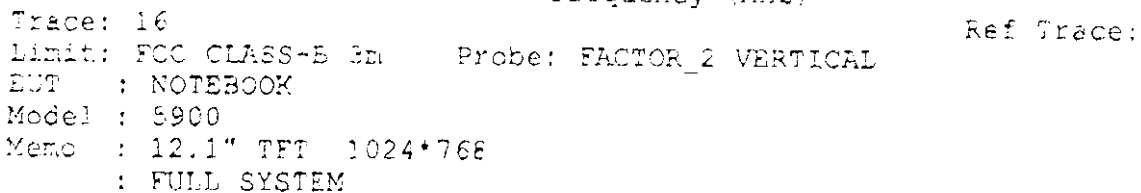
- REMARKS : (1). * = MEMENT DOES NOT APPLY FOR THIS FREQUENCY
 (2). UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB
 (3). SCC + CPU-266 + 3.2HDD + MODEM
 (4). TEST CONFIGURATION PLEASE SEE 4.2
 (5). TEST EQUIPMENT PLEASE SEE 4.1
 (6). ANY DEPARTURE FROM SPECIFICATION : N/A

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

SIGNED BY TESTING ENGINEER : 

NO. 101-10, LING 8, SHAN-TONG LI,
CHUNG-LI CITY, TAOYUAN, TAIWAN R.O.C.
TEL: (03) 4987684 Fax: (03) 4986528

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$



LCD : No display.

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

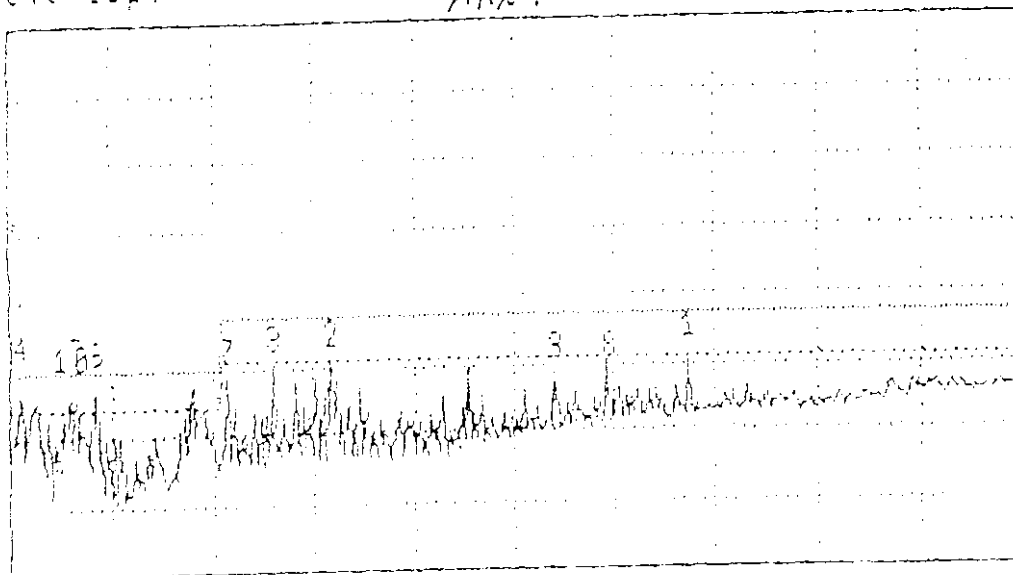
FCC ID : BJMTNB5900

12.1" TFT

16:53:10 MAR 21, 1998

REF 90.0 dBμV AT 10 dB Ant. ✓

PEAK
LOG
10
dB



PK TABLE
ON OFF

PK SORT
FREQ AMP

PK MODE
COL NORM

OSP LINE
ON OFF

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.

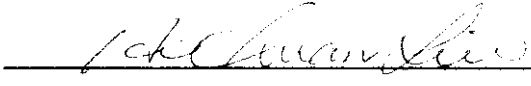
TEMPERATURE : 26 C

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.

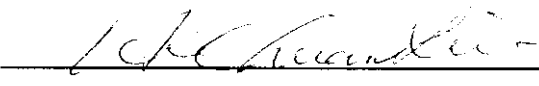
TEMPERATURE : 25 C

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.

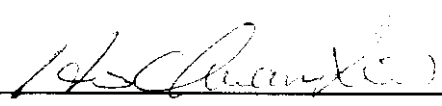
TEMPERATURE : 25 C

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 CHUMIDITY : 78 %RH

FREQ. (MHz)	CABLE LOSS (dB)	ANT. FACTOR (dB)	READING(dBuV)		EMISSION(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

$$20 \text{ LOG(EMISSION)uV/m} = \text{CABLE LOSS(dB)} + \text{FACTOR(dB)} + \text{READING (dBuV/m)}$$

(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 : [Signature]

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 CHUMIDITY : 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
 $20 \text{ LOG(EMISSION) uV/m} = \text{CABLE LOSS(dB)} + \text{FACTOR(dB)} + \text{READING (dBuV/m)}$

(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 : [Signature]

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 CHUMIDITY : 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

$$20 \text{ LOG(EMISSION) uV/m} = \text{CABLE LOSS(dB)} + \text{FACTOR(dB)} + \text{READING (dBuV/m)}$$

(5). TEST CONFIGURATION PLEASE SEE 5.4

(6). TEST EQUIPMENT PLEASE SEE 5.1

(7). UNCERTAINTY IN RADIATED EMISSION MEASURED IS $\pm 4\text{dB}$ (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 CHUMIDITY : 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

$$20 \text{ LOG}(\text{EMISSION}) \text{ uV/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$$

(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 : _____

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what data is this?

2. 100 WIRE

2.1 FFT

100.708 Hz

CPT only

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 ± 2 dB

(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

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	^{33.15} 35.5	*	33.60	*	40.0
38.73	0.2	0.30	*	^{30.54} 30.04	*	30.54	40.0
58.13	1.0	5.90	^{19.18} 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

$20 \text{ LOG}(\text{EMISSION}) \mu\text{V/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS $\pm 4\text{dB}$

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

SIGNED BY TESTING ENGINEER : _____

Taylor

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

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FREQUENCY (MHz)	LINE 1 (dBuV) <i>MV</i>	LINE 2 (dBuV) <i>MV</i>	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

Spectrum Research & Testing Lab. FCC ID: BUMTNB5900 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 CHUMIDITY : 78 %RH*OK see page 21 d of 81*

FREQUENCY (MHz)	LINE 1 (dBuV) <i>MV</i>	LINE 2 (dBuV) <i>MV</i>	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 ± 2 dB
(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 anth

Spectrum Research & Testing Lab. FCC ID: BJMTNB5900 Report#: T0E11-1

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

$$20 \text{ LOG(EMISSION) } \mu\text{V/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$$

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS ± 4 dB

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

(10). LCD PANEL: 13.3" TFT

SIGNED BY TESTING ENGINEER :

Taylor anth

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

$20 \text{ LOG(EMISSION) } \mu\text{V/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS $\pm 4\text{dB}$

(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

$20 \text{ LOG}(\text{EMISSION}) \mu\text{V/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$

(6). TEST CONFIGURATION PLEASE SEE 5.4

(7). TEST EQUIPMENT PLEASE SEE 5.1

(8). UNCERTAINTY IN RADIATED EMISSION MEASURED IS $\pm 4\text{dB}$

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

(10). LCD PANEL: 13.3" TFT

SIGNED BY TESTING ENGINEER : _____

Taylor anth

321481

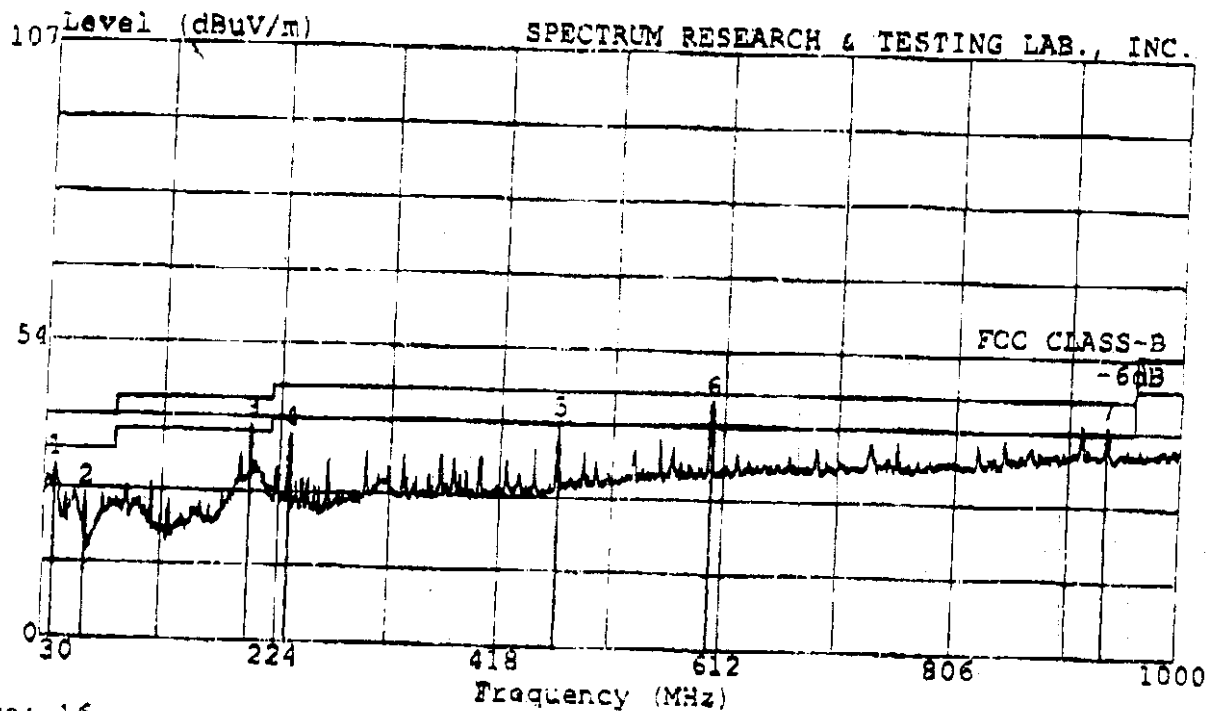


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CHUNGLI CITY, TAOYUAN, TAIWAN R.O.C.
TEL: (03) 4987684 Fax: (03) 4986528
E-mail: srtlab@ms17.hinet.net

Data#: 17

File#: TATUNG.EMI

Date: 1998-06-18 Time: 00:16:07



Trace: 16

Limit: FCC CLASS-B 3m. Probe: FACTOR_2 VERTICAL

EUT : NOTEBOOK

Model : 5900

Memo : 12.1" TFT 1024*768

: FULL SYSTEM

Tester:

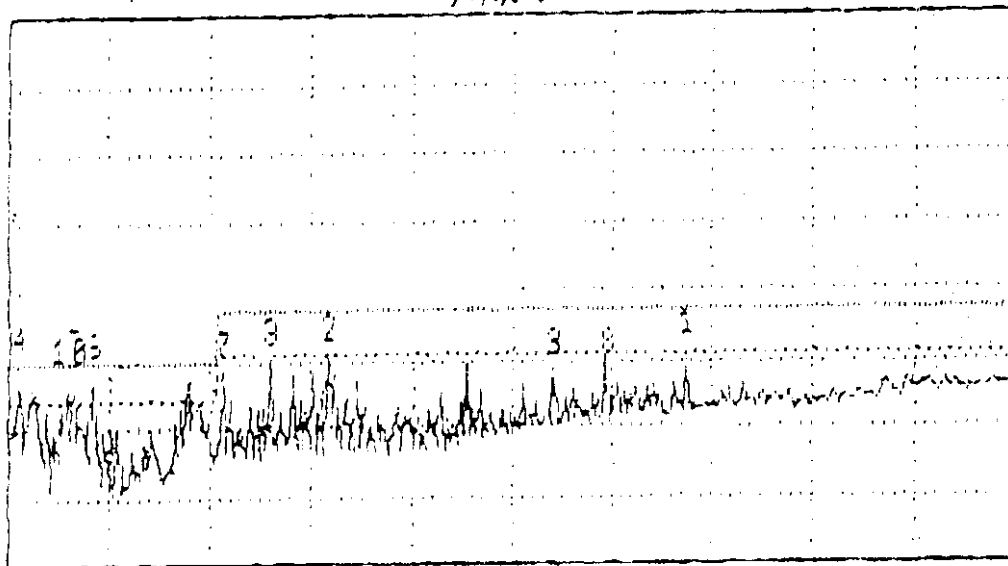
Ref Trace:

Display : NO LCD ,
CRT only

Pre-test at $9 \times 7.2 \times 6 \text{ m}^3$ Anechoic Chamber

16:53:10 MAR 21, 1998

REF 90.0 dBμV AT 10 dB Ant. ✓

PEAK
LOG
10
dBPK TABLE
ON OFFPK SORT
FRO AMPPK MODE
CODL NRMDSP LINE
ON OFF

Tatung Notebook PC.

12.1" TFT, 800 x 600 Resolution

Display: CRT with LCD.

Pre-test at 9x7x6 m³ Anechoic Chamber