CLASS B CERTIFICATION APPLICATION
UNDER PART 15, SUBPART B

EUT: COLOR MONITOR
MODEL: TE772X/RE772X(X:A~G)
FCC ID: E8OTE772

SRT REPORT # T8F04-1

PREPARED FOR :

TECO INFORMATION SYSTEMS CO., LTD.
1568 CHUNG SHAN ROAD, SEC. 1,
KUANG-IN, TAOYUAN HSIEN,
TAIWAN, R.O.C.

EMI TESTING REPORT

EUT : COLOR MONITOR

MODEL: TE772X/RE772X

FCCID: E8OTE772

PREPARED FOR:

TECO INFORMATION SYSTEMS CO., LTD.

1568 CHUNG SHAN RD., SEC. 1,

KUANG-IN, TAOYUAN HSIEN,

TAIWAN, R.O.C.

PREPARED BY:

SPECTRUM RESEARCH & TESTING
LABORATORY INC.

NO. 101-10, LING 8, SHAN-TONG LI
CHUNG-LI CITY, TAOYUAN, TAIWAN, R.O.C.

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1. TEST REPORT CERTIFICATION

APPLICANT : TECO INFORMATION SYSTEMS CO., LTD.

ADDRESS : 1568 CHUNG SHAN ROAD, SEC. 1,
KUANG-IN, TAOYUAN HSIEN,
TAIWAN, R.O.C.

EUT DESCRIPTION : COLOR MONITOR

(A) POWER SUPPLY : 100~240V

(B) MODEL : TE772X/RE772X(X:A~G)

(C) FCCID : E8OTE772

FINAL TEST DATE : 06/08/1998

MEASUREMENT PROCEDURE USED :

PART 15 SUB PART B OF FCC RULES AND
REGULATIONS (47 CFR PART 15)
FCC / ANSI C63.4 - 1992

WE HEREBY SHOW THAT:

THE MEASUREMENTS SHOWN IN THE ATTACHMENT WERE

MADE IN ACCORDANCE WITH THE PROCEDURES INDICATED,

AND THE ENERGY EMITTED BY THE EQUIPMENT WAS

FOUND TO BE WITHIN THE LIMITS APPLICABLE.

TESTING ENGINEER : Alumy Lu DATE 6/15/98

SUPERVISOR : Jesse Ho DATE 6/15/98

APPROVED BY : Johnson Ho DATE 6/15/98

2. TEST STATEMENT

2.1 TEST STATEMENT

TO whom it may concern,

This letter is to explain the test condition of this project. The EUT be tested as the following status.

CPU: PENTIUM - 200MMX **CPU Clock Signal: 66MHz**

RESOLUTION: 640 X 480
1024 X 768
1280 X 1024

The data shown in this report reflects the worst-case data for each condition as listed above.

Please disregard any other conditions that shown in this user manual.

2. TEST STATEMENT

2.2 DEPARTURE FROM DOCUMENT POLICIES, PROCEDURE OR SPECIFICATIONS

DID HAVE
ANY DEPARTURE FROM DOCUMENT POLICIES
& PROCEDURES OR FROM SPECIFICATIONS.

YES _____ , NO N/A .

IF YES, THE DESCRIPTION AS BELOW.

2.3 TEST STATEMENT

1. THE CERTIFICATE OR REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY.

2. THE REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT.

3. EUT MODIFICATIONS

THE FOLLOWING ACCESSORIES WERE ADDED TO THE EUT DURING TESTING:

NO MODIFICATION BY SRT LAB.

4. MODIFICATION LETTER

THIS SECTION CONTAINS THE FOLLOWING DOCUMENTS:

A. LETTER OF MODIFICATIONS

N/A

5. CONDUCTED POWER LINE TEST

5.1 TEST EQUIPMENT

THE FOLLOWING TEST EQUIPMENT WAS USED DURING THE CONDUCTED POWER LINE TEST :

EQUIPMENT/ FACILITIES	SPECIFICAT -IONS	MANUFACTURER	MODEL#/ SERIAL#	DATE OF CAL. & CAL.CENTER	DUE DATE
SPECTRUM ANALYZER	9 KHz TO 1 GHz	HP	8590L/ 3624A01317	OCT,1997 ETC	1Y
EMI TEST RECEIVER	9 KHz TO 30 MHz	ROHDE & SCHWARZ	ESHS30/ 826003/008	OCT, 1997 ETC	1Y
LISN	50 uH, 50 ohm	SOLAR ELECTRONICS	9252-50-R24-BNC/ 951315	AUGUST, 1997 ETC	1Y
LISN	50 uH, 50 ohm	SOLAR ELECTRONICS	9252-50-R24-BNC/ 951318	AUGUST, 1997 ETC	1Y
SIGNAL GENERATOR	9 KHz TO 1080 MHz	ROHDE & SCHWARZ	SMY01/ 841104/019	APRIL, 1998 ITRI	1Y
POWER CONVERTER	0 TO 300 VAC 47 - 500 Hz	AFC	AFC-1KW/ 850510	APRIL, 1998 SRT	1Y

5.2 CONFIGURATION OF THE EUT

THE EUT WAS CONFIGURED ACCORDING TO ANSI C63.4 - 1992. ALL INTERFACE PORTS WERE CONNECTED TO THE APPROPRIATE PERIPHERALS. ALL PERIPHERALS AND CABLES ARE LISTED BELOW.

-EUT

DEVICE	MANUFACTURER	MODEL #	FCCID
COLOR MONITOR	TECO INFORMATION SYSTEMS CO., LTD.	TE772X/ RE772X (X:A~G)	E8OTE772

-REMARK

-INTERNAL DEVICES

DEVICE	MANUFACTURER	MODEL #	DoC/FCCID

-PERIPHERALS

DEVICE	MANUFAC-TURER	MODEL# / SERIAL#	FCCID	CABLE
PRINTER	HP	2225C+	DSI6XU2225	POWER-UNS DATA-S
MODEM	SMARTEAM	103/212A	EF56A5103/212A	POWER-UNS DATA-S
KEYBOARD	HP	SK-2502	GYUR41SK	DATA-UNS
MOUSE	HP	M-S34	DZL210582	DATA-UNS
PC	HP	VE 5/200 SERIES 4V	N/A	POWER-UNS

-REMARK

(1). CABLE - UNS : UNSHIELDED CABLE
S : SHIELDED CABLE

(2). CABLES - ALL 1m OR GREATER IN LENGTH-
BUNDLED ACCORDING TO ANSI C63.4 - 1992.

5.3 EUT OPERATING CONDITION

OPERATING CONDITION IS ACCORDING TO ANSI C63.4 - 1992.

1. EUT POWER ON.

2. "H" PATTERN SENT TO THE FOLLOWING PERIPHERALS:
   - PRINTER
   - MODEM
   - MONITOR

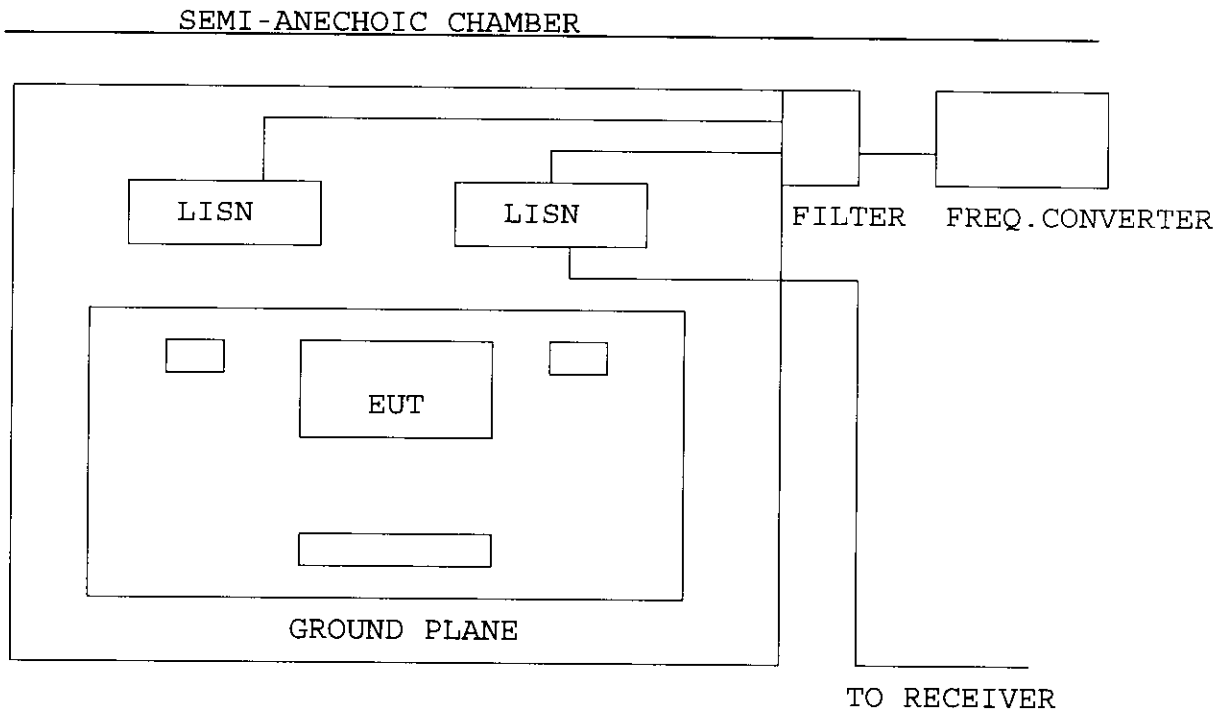
3. RESOLUTION : 640 * 480
   1024 * 768
   1280 * 1024

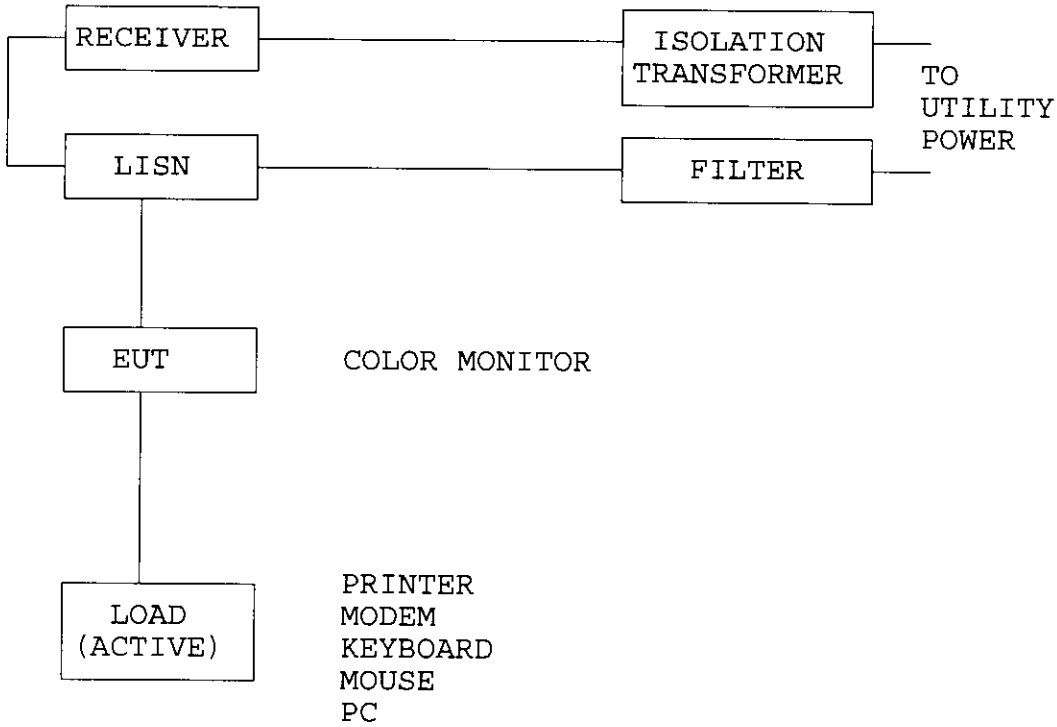
4. CPU: PENTIUM - 200MMX
   CLOCK CHIP: 66MHz

5.4 TEST PROCEDURE

THE EUT WAS TESTED ACCORDING TO ANSI C63.4 - 1992. THE CONDUCTED TEST WAS PERFORMED IN AN ANECHOIC CHAMBER. THE FREQUENCY SPECTRUM FROM 0.45 MHz TO 30 MHz WAS INVESTIGATED. THE LISN USED WAS 50 ohm / 50 uHenry AS SPECIFIED BY SECTION 5.1 OF ANSI C63.4 - 1992.CABLES AND PERIPHERALS WERE MOVED TO FIND THE MAXIMUM EMISSION LEVELS FOR EACH FREQUENCY.

5.5 TEST SETUP





5.6 CONDUCTED POWER LINE EMISSION LIMIT

FREQUENCY RANGE (MHz)	CLASS A	CLASS B
0.045 - 1.705	1000 uV	250 uV
1.705 - 30	3000 uV	250 uV

NOTE : IN THE ABOVE TABLE, THE TIGHTER LIMIT APPLIES AT THE BAND EDGES.

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 (uv)	LINE 2 (uv)	LIMIT (uv)
0.78	*	20.89	250
2.26	38.02	35.08	250
4.30	40.74	37.58	250
9.04	125.9	128.8	250
10.5	21.88	22.91	250

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

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

(3).RESOLUTION: 640 X 480 (CRT-1)

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

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

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 : 28 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.48	33.11	33.11	250
2.00	49.55	50.70	250
3.17	60.95	50.70	250
4.48	74.99	61.66	250
8.34	101.2	96.61	250

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

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

(3).RESOLUTION: 1024 X 768 (CRT-1)

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

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

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 : 28 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.45	37.58	39.36	250
1.99	48.42	50.70	250
4.17	53.70	61.66	250
8.98	92.26	*	250
11.0	*	89.13	250

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

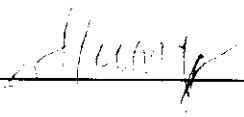
(2).UNCERTAINTY IN CONDUCTED EMISSION MEASURED IS <+/-2dB

(3).RESOLUTION: 1280 X 1024 (CRT-1)

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

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

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 : 28 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.48	22.39	19.50	250
1.87	31.26	27.23	250
3.52	27.86	22.39	250
6.17	44.16	35.48	250
9.04	167.9	160.3	250
18.1	102.3	94.41	250

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

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

(3).RESOLUTION: 640 X 480 (CRT-2)

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

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

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 : 28 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
1.79	40.27	45.19	250
3.45	37.15	30.55	250
4.55	47.31	*	250
9.72	64.57	76.74	250
15.8	72.44	69.18	250

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

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

(3).RESOLUTION: 1024 X 768 (CRT-2)

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

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

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 : 28 C

HUMIDITY : 78 %RH

FREQUENCY(MHz)	LINE 1 (uv)	LINE 2 (uv)	LIMIT (uv)
0.45	51.29	21.63	250
1.86	43.65	39.81	250
3.08	*	32.36	250
10.7	54.95	58.21	250
18.2	94.41	83.18	250

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

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

(3).RESOLUTION: 1280 X 1024 (CRT-2)

(4).TEST CONFIGURATION PLEASE SEE 4.2

(5).TEST EQUIPMENT PLEASE SEE 4.1

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

SIGNED BY TESTING ENGINEER : _____

6. RADIATED EMISSION TEST

6.1 TEST EQUIPMENT

THE FOLLOWING TEST EQUIPMENT WAS USED DURING THE RADIATED EMISSION TEST :

EQUIPMENT / FACILITIES	SPECIFICAT -IONS	MANUFACTUR -ER	MODEL#/ SERIAL#	DATE OF CAL. & CAL. CENTER	DUE DATE
RECEIVER	20 MHz TO 1000 MHz	R & S	ESVS 30/ 841977/003	APRIL, 1998 ITRI	1Y
SPECTRUM ANALYZER	100 Hz TO 1500 MHz	HP	8568B/ 3019A05294	OCT, 1997 ETC	1Y
SPECTRUM ANALYZER	9 KHz TO 22 GHz	HP	8593E/ 3322A00670	APRIL, 1998 ITRI	1Y
SPECTRUM ANALYZER	100 Hz TO 1000 MHz	IFR	A-7550/ 2684/1248	AUGUST, 1997 ETC	1Y
SIGNAL GENERATOR	9 KHz TO 1080 MHz	ROHDE & SCHWARZ	SMY01/ 841104/019	APRIL, 1998 ITRI	1Y
DIPOLE ANTENNA	28 MHz TO 1000 MHz	EMCO	3121C/ 9003-535	DEC,1997 SRT	1Y
DIPOLE ANTENNA	28 MHz TO 1000 MHz	EMCO	3121C/ 9611-1239	DEC, 1997 SRT	1Y
BI-LOG ANTENNA	26 MHz TO 2000 MHz	EMCO	3142/ 9509-1152	DEC, 1997 SRT	1Y
BI-LOG ANTENNA	26 MHz TO 1100 MHz	EMCO	3143/ 9509-1152	DEC, 1997 SRT	1Y
PRE-AMPLIFIER	0.1 MHz TO 1300 MHz	HP	8447D/ 2944A08402	APRIL, 1998 ITRI	1Y
PRE-AMPLIFIER	0.1 MHz TO 1300 MHz	HP	8447D/ 2944A06412	OCT, 1997 ETC	1Y
HORN ANTENNA	1 GHz TO 18 GHz	EMCO	3115/ 9012-3619	DEC, 1997 SRT	1Y

6.2 CONFIGURATION OF THE EUT

SAME AS SECTION 5.4 OF THIS REPORT.

6.3 EUT OPERATING CONDITION

SAME AS SECTION 5.3 OF THIS REPORT.

6.4 TEST PROCEDURE

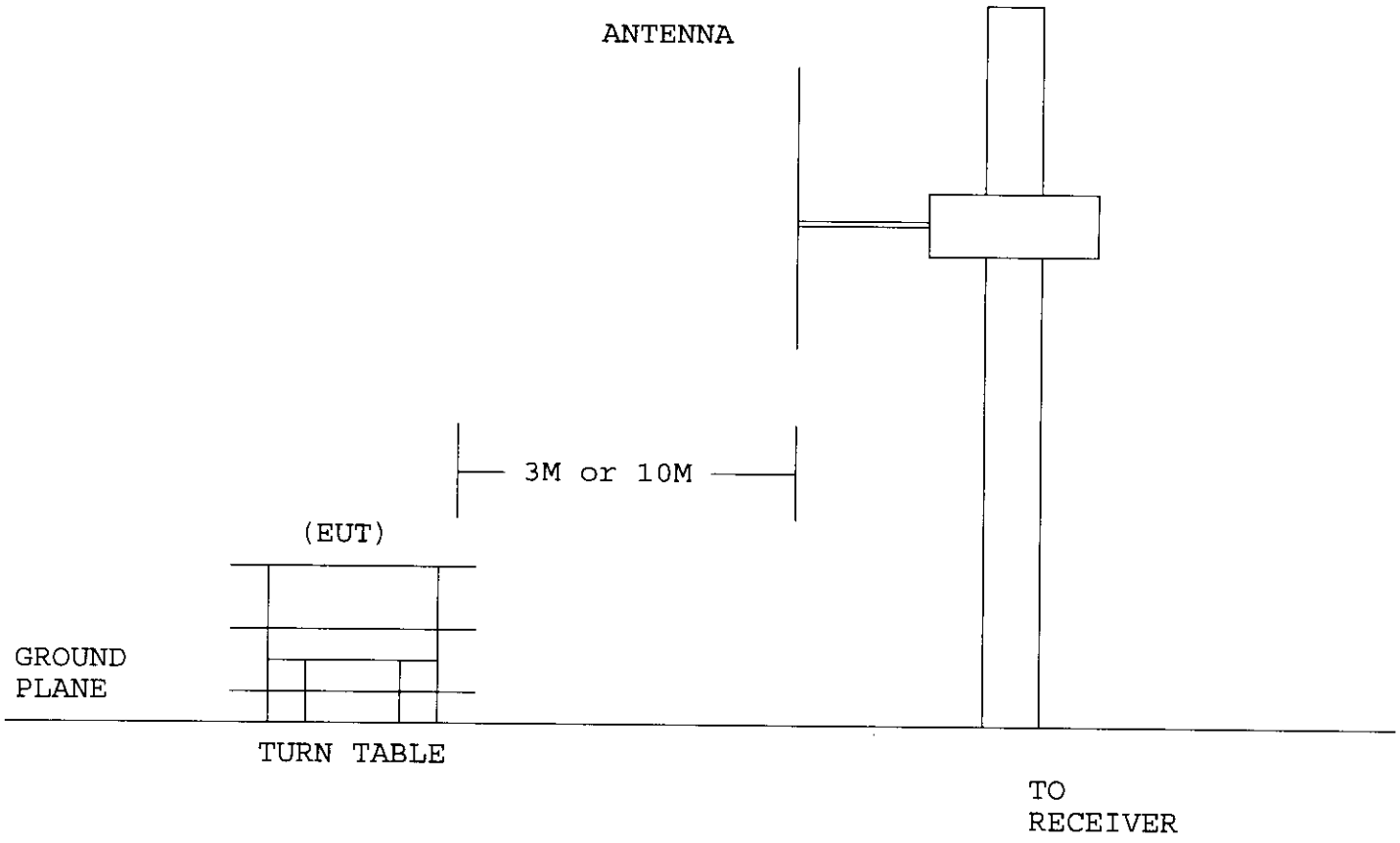
THE EUT WAS TESTED ACCORDING TO ANSI C63.4 - 1992. THE RADIATED TEST WAS PERFORMED AT SRT LAB's OPEN SITE. THIS SITE IS ON FILE WITH THE FCC LABORATORY DIVISION, REFERENCE 31040/SIT.

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED.MEASUREMENTS WERE MADE AT THREE METERS WITH AN ADJUSTABLE DIPOLE ANTENNA. PERIPHERALS, CABLES, EUT ORIENTATION, AND ANTENNA HEIGHT WERE VARIED TO FIND THE MAXIMUM EMISSION FOR EACH FREQUENCY.

THE FREQUENCY SPECTRUM FROM 30 MHz TO 2 GHz WAS INVESTIGATED. THE MEASUREMENTS UNDER 1 GHz WITH RESOLUTION BANDWIDTH OF 120 KHz ARE QUASI-PEAK READING MADE AT THREE METERS USING AN ADJUSTABLE DIPOLE ANTENNA. PERIPHERALS, CABLES, EUT ORIENTATION, AND ANTENNA HEIGHT WERE VARIED TO FIND THE MAXTMUM EMISSION FOR EACH FREQUENCY.

THE MEASUREMENTS ABOVE 1 GHz WITH A RESOLUTION BANDWIDTH OF 1 MHz ARE PEAK READING AT A DISTANCE OF THREE METERS WITH A HORN ANTENNA.

6.5 RADIATED TEST SETUP



6.5 RADIATED TEST SETUP

6.6 RADIATED EMISSION LIMIT

ALL EMISSION FROM A DIGITAL DEVICE, INCLUDING ANY NETWORK OF CONDUCTORS AND APPARATUS CONNECTED THERETO, SHALL NOT EXCEED THE LEVEL OF FIELD STRENGTH SPECIFIED BELOW :

CLASS B

FREQUENCY (MHz)	DISTANCE (m)	FIELD STRENGTH (uV/m)
30 - 88	3	100
88 - 216	3	150
216 - 960	3	200
ABOVE 960	3	500

CLASS B (OPEN CASE)

FREQUENCY (MHz)	DISTANCE (m)	FIELD STRENGTH (uV/m)
30 - 88	3	199.5
88 - 216	3	298.5
216 - 960	3	398.1

CLASS A

FREQUENCY (MHz)	DISTANCE (m)	FIELD STRENGTH (uV/m)
30 - 88	3	316.3
88 - 216	3	473.2
216 - 960	3	613.0
ABOVE 960	3	1000.0

NOTE : 1. IN THE EMISSION TABLES ABOVE, THE TIGHTER LIMIT APPLIES AT THE BAND EDGES.

2. DISTANCE REFERS TO THE DISTANCE BETWEEN MEASURING INSTRUMENT, ANTENNA, AND THE CLOSEST POINT OF ANY PART OF THE DEVICE OR SYSTEM.

6.7 RADIATED EMISSION TEST RESULT

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

THE MEASUREMENTS ABOVE 1 GHz WITH A RESOLUTION BANDWIDTH OF 1 MHz ARE PEAK READING AT A DISTANCE OF 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	
36.40	0.2	14.0	20.30	21.30	53.09	59.57	100
51.73	0.1	8.50	*	25.70	*	51.88	100
62.98	0.3	8.10	*	26.30	*	54.33	100
70.21	0.5	7.34	23.90	*	38.46	*	100
91.11	1.2	8.00	27.68	*	69.18	*	150
199.8	0.9	10.4	25.21	*	66.83	*	150

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

(4). RESOLUTION: 640 X 480 (CRT-1)

(5). TEST CONFIGURATION PLEASE SEE 5.2

(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 : _____

6.7 RADIATED EMISSION TEST RESULT

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

THE MEASUREMENTS ABOVE 1 GHz WITH A RESOLUTION BANDWIDTH OF 1 MHz ARE PEAK READING AT A DISTANCE OF 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	
34.85	0.2	14.0	20.30	22.30	53.09	66.83	100
50.37	0.8	6.66	*	26.49	*	49.49	100
87.23	1.2	8.00	*	26.40	*	60.26	100
91.11	0.8	7.60	24.40	*	43.65	*	150
200.5	0.9	10.4	25.60	*	69.98	*	150

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

(4). RESOLUTION: 1024 X 768 (CRT-1)

(5). TEST CONFIGURATION PLEASE SEE 5.2

(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 : _____

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	
34.85	0.2	15.6	*	20.50	*	65.31	100
49.40	0.1	14.0	*	19.40	*	47.32	100
66.81	1.0	6.00	29.40	*	66.07	*	100
88.20	1.2	8.00	*	26.73	*	62.59	150
92.93	1.2	8.00	27.03	*	64.79	*	150
184.2	1.7	9.10	24.98	*	61.52	*	150

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

(4). RESOLUTION: 1280 X 1024 (CRT-1)

(5). TEST CONFIGURATION PLEASE SEE 5.2

(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 : _____

6.7 RADIATED EMISSION TEST RESULT

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

THE MEASUREMENTS ABOVE 1 GHz WITH A RESOLUTION BANDWIDTH OF 1 MHz ARE PEAK READING AT A DISTANCE OF 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	
40.31	0.2	14.0	*	20.10	*	51.29	100
368.5	2.2	14.9	18.57	*	60.74	*	200
601.3	3.0	19.0	19.21	20.92	114.9	140.0	200
802.1	3.5	20.6	19.84	18.82	157.4	140.0	200
936.0	3.9	22.3	16.89	15.86	142.7	126.8	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). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(4). RESOLUTION: 640 X 480 (CRT-2)

(5). TEST CONFIGURATION PLEASE SEE 5.2

(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 : _____

6.7 RADIATED EMISSION TEST RESULT

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

THE MEASUREMENTS ABOVE 1 GHz WITH A RESOLUTION BANDWIDTH OF 1 MHz ARE PEAK READING AT A DISTANCE OF 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	
36.40	0.2	14.0	*	20.50	*	54.33	100
69.70	0.3	8.10	26.30	*	59.57	*	100
374.4	2.2	14.9	18.85	*	62.73	*	200
601.3	3.0	19.0	17.01	20.02	89.23	126.2	200
869.1	3.8	22.1	*	16.16	*	126.8	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). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(4). RESOLUTION: 1024 X 768 (CRT-2)

(5). TEST CONFIGURATION PLEASE SEE 5.2

(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 : _____

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	
64.92	0.3	8.16	23.90	*	41.21	*	100
66.35	0.3	8.10	*	24.10	*	42.17	100
198.8	0.9	10.4	25.10	*	66.07	*	150
371.8	1.1	16.5	24.50	*	127.4	*	200
601.3	3.0	19.0	20.01	21.82	126.0	155.2	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). SAMPLE CALCULATION
20 LOG(EMISSION)uV/m = CABLE LOSS(dB)+FACTOR(dB)+READING (dBuV/m)

(4). RESOLUTION: 1280 X 1024 (CRT-2)

(5). TEST CONFIGURATION PLEASE SEE 5.2

(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 : _____

7. PHOTOS OF TESTING
   A. MAIN BOARD COMPONENT SIDE VIEW (CRT-1)

7. PHOTOS OF TESTING
   B. MAIN BOARD SOLDER SIDE VIEW (CRT-1)

7. PHOTOS OF TESTING
   C. MAIN BOARD COMPONENT SIDE VIEW (CRT-2)

7. PHOTOS OF TESTING
D. MAIN BOARD SOLDER SIDE VIEW (CRT-2)

7. PHOTOS OF TESTING
E. CRT BOARD COMPONENT SIDE (CRT-1)

7. PHOTOS OF TESTING
F. CRT BOARD SOLDER SIDE (CRT-1)

7. PHOTOS OF TESTING
G. CRT BOARD COMPONENT SIDE (CRT-2)

7. PHOTOS OF TESTING
   H. CRT BOARD SOLDER SIDE (CRT-2)