CLASS B CERTIFICATION APPLICATION
UNDER PART 15, SUBPART B

EUT: NOTEBOOK
MODEL: TNB-5900
FCC ID: BJMTNB5900

SRT REPORT # T8I05-1

PREPARED FOR :

TATUNG CO.
22 CHUNGSHAN N. RD., 3RD SEC.
TAIPEI, TAIWAN, R.O.C.

TATUNG

TATUNG Co.
22 Chungshan N. Rd., 3rd Sec.
Taipei, Taiwan, 104, R. O. C.
TEL: (02) 2592-5252 Ext. 3318
FAX: (02) 2598-4509

WWW: http://www.tatung.com.tw
E-Mail: sales @ ood2.tatung.com.tw

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

To Whom it may concern:

This is to serve as proper written authorization that Spectrum Research and Testing Laboratory, Inc., 15200 Shady Grove Road, Suite 350, Rockvill, MD 20850, will act as our representative in all matters relating to FCC applications for equipment approval. This includes the signing of all related documents, the transmitting of required fees, and receiving correspondence and notifications from the FCC. All acts performed by Spectrum Research and Testing Laboratory, Inc., especially modifications to our equipment under testing will be carried out on our behalf.

Meantime, the applicant certifies that in the case of an individual applicant (e.g., corporation), no party to the applicant is subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1998, 21 U.S.C. 862. For a definition of a "party" for these purposes see 47 C.F.R. 1.2002(b).

If you have any questions regarding our applications for equipment approval, please contact Spectrum Research and Testing Laboratory, Inc. by calling (301)670-2818.

Respectfully,

Willie Liu
(Name, Surname)

Safety & EMI Manager
(Position/Title)

DATE: Apr. 12. 1999

Effective Dates:

From Apr. 1 1999 to Apr. 12. 1999

EMI TESTING REPORT

EUT : NOTEBOOK

MODEL: TNB-5900

FCCID: BJMTNB5900

PREPARED FOR:

TATUNG CO.

22 CHUNGSHAN N. RD., 3RD SEC.

TAIPEI, 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.

TEL:(03)4987684
FAX:(03)4986528

TABLE OF CONTENTS

1. TEST REPORT CERTIFICATION

APPLICANT : TATUNG CO.

ADDRESS : 22 CHUNGSHAN N. RD., 3RD SEC.
TAIPEI, TAIWAN, R.O.C.

EUT DESCRIPTION : NOTEBOOK

(A) POWER SUPPLY : 19V FRONT ADAPTER

(B) MODEL : TNB-5900

(C) FCCID : BJMTNB5900

FINAL TEST DATE : 09/15/1998

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 : Jackey Huang DATE 9/15
Jackey Huang

SUPERVISOR : DATE 9/15/98
Jesse Ho

APPROVED BY : DATE 9/15/98
Johnson Ho

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.

The original FCC ID: BJMTNB5900 was approved by FCC.
The original granted date is July 28, 1998.

CPU: PENTIUM II - 200MHz	**CPU Clock Signal: 66MHz**
CPU: PENTIUM II - 233MHz	**CPU Clock Signal: 66MHz**
CPU: PENTIUM II - 266MHz	**CPU Clock Signal: 100MHz**

RESOLUTION: 640 X 480
800 X 600
1024 X 768

The data was 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

TATUNG Co.
22 Chungshan N. Rd., 3rd Sec.
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E-Mail: sales @ ood2.tatung.com.tw

Federal Communications Commission
Authorization and Evaluation Division
7436 Oakland Mills Road
Columbia, MD 21046

To Whom it may concern:

This is to serve as proper notice that our company agrces to make all modifications to FCC ID: BJMTNB5900 as listed in section 3.0 of the test report submitted by Spectrum Research And Testing Laboratory, Inc.

Respectfully,

Wise Chiu
(Name / Surname)

Safety & EMI manager
(Position / Title)

DATE: Apr. 17. 1998

Effective Dates:

From: Apr. 17. 1998 to Apr. 17. 1999

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 ANALZER	9 KHz TO 1 GHz	HP	8590L/ 3624A01317	AUGUST, 1998 ETC	1Y
EMI TEST RECEIVER	9 KHz TO 30 MHz	ROHDE & SCHWARZ	ESHS30/ 826003/008	AUGUST, 1998 ETC	1Y
LISN	50 uH, 50 ohm	SOLAR ELECTRONICS	9252-50-R24-BNC/ 951315	AUGUST, 1998 ETC	1Y
LISN	50 uH, 50 ohm	SOLAR ELECTRONICS	9252-50-R24-BNC/ 951318	AUGUST, 1998 ETC	1Y
SIGNAL GENERATOR	9 KHz TO 1080 MHz	ROHDE & SCHWARZ	SMY01/ 841104/019	APRIL, 1998 ETC	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
NOTEBOOK	TATUNG CO.	TNB-5900	BJMTNB5900

-REMARK

HITACHI MODEL NO.	CPU/PANEL
PCX-5NH03-HD7L	200MHz / 13.3"TFT
PCX-5NH03-HD7L1	200MHz / 13.3"TFT (WIN 98)
PCX-5NH03-QE7L1	266MHz / 13.3"TFT (WIN 98)

ACCESSORY :
AC ADAPTOR : PCX-AP5310
MEMORY BOARD : PC-MK5320
MEMORY BOARD : PC-MK5640

-INTERNAL DEVICES

DEVICE	MANUFACTURER	MODEL #	DoC/FCCID
HDD(4.0G)	HITACHI	DK227A-41	N/A
HDD(3.2G)	HITACHI	DK226A-32U	N/A
HDD(3.2G)	FUJITSU	MHD2032AT	N/A
HDD(2.1G)	FUJITSU	MHD2021AT	N/A
HDD(2.1G)	HITACHI	DK226A-21U	N/A
CD-ROM	TEAC	CD-224E-A9X	N/A
FDD	TEAC	FD-05HG	N/A
FDD	YE-DATA	YD-702J	N/A
LCD PANEL(TFT)	HITACHI	TX31D21VC1CBE	N/A
LAN	HITACHI	PCX-CN2510	N/A
MODEM	HITACHI	PC-CM2600	N/A
SWITCH CARD	HITACHI	74001753	N/A
PCMCIA CARD	ATA	AIS-004M	N/A

-PERIPHERALS

DEVICE	MANUFAC-TURER	MODEL# / SERIAL#	FCC STATUS	CABLE
MONITOR	HITACHI	PC-DC1570	DoC	POWER-UNS DATA-S
PRINTER	HITACHI	PC-PJ2110	DoC	POWER-UNS DATA-S
MODEM	SMARTEAM	103/212A	FCC ID: EF56A5103/212A	POWER-UNS DATA-S
MOUSE	HITACHI	FID-661-109	DoC	DATA-UNS
ADAPTOR	HITACHI	PC-AP5310	N/A	DATA-UNS
MICROPHONE	HITACHI	PC-AM2100	N/A	DATA-UNS
SPEAKER	SONY	MDR-A10	N/A	DATA-UNS

-REMARK:

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

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

(3).TELEPHONE LINE : 600ohm LOAD

(4).LAN : SHIELDED CABLE

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
   - MONITOR : FULL SCREEN
   - MODEM
   - CD ROM : COPY TO HDD

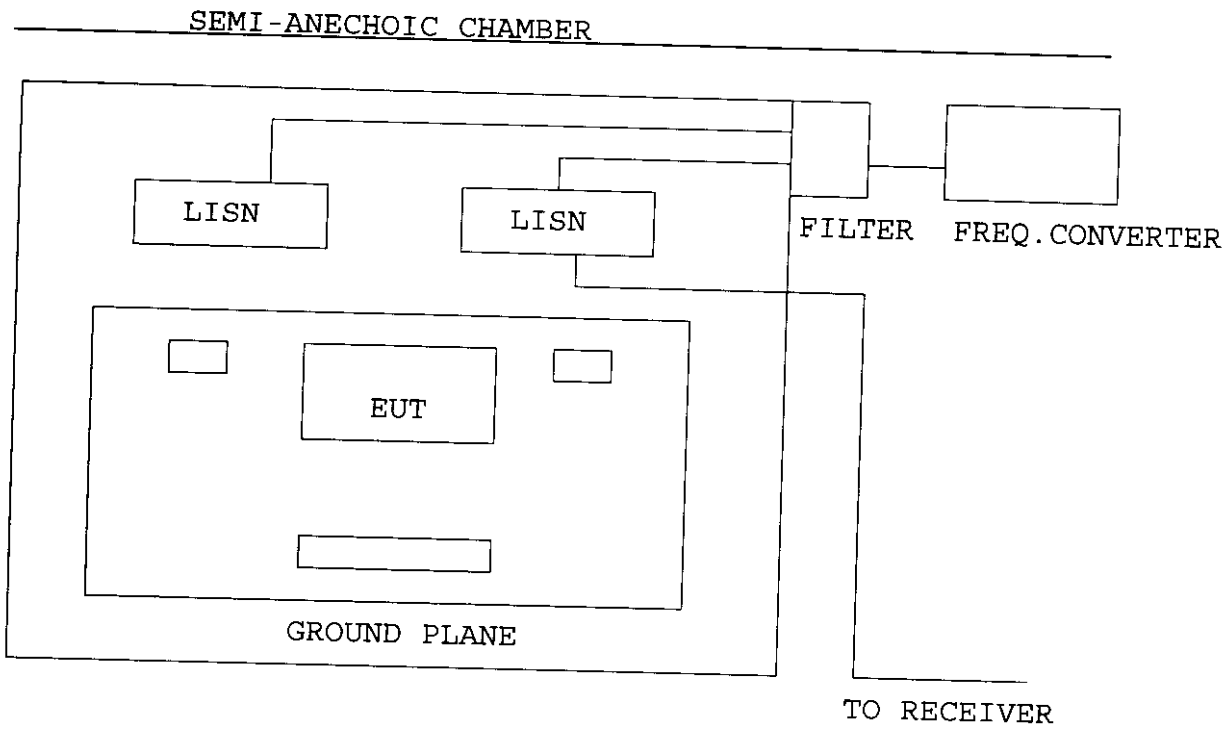
3. CPU : PENTIUM II - 233MHz
   CLOCK CHIP : 66MHz
   CPU : PENTIUM II - 266MHz
   CLOCK CHIP : 66MHz
   CPU : PENTIUM II - 300MHz
   CLOCK CHIP : 100MHz

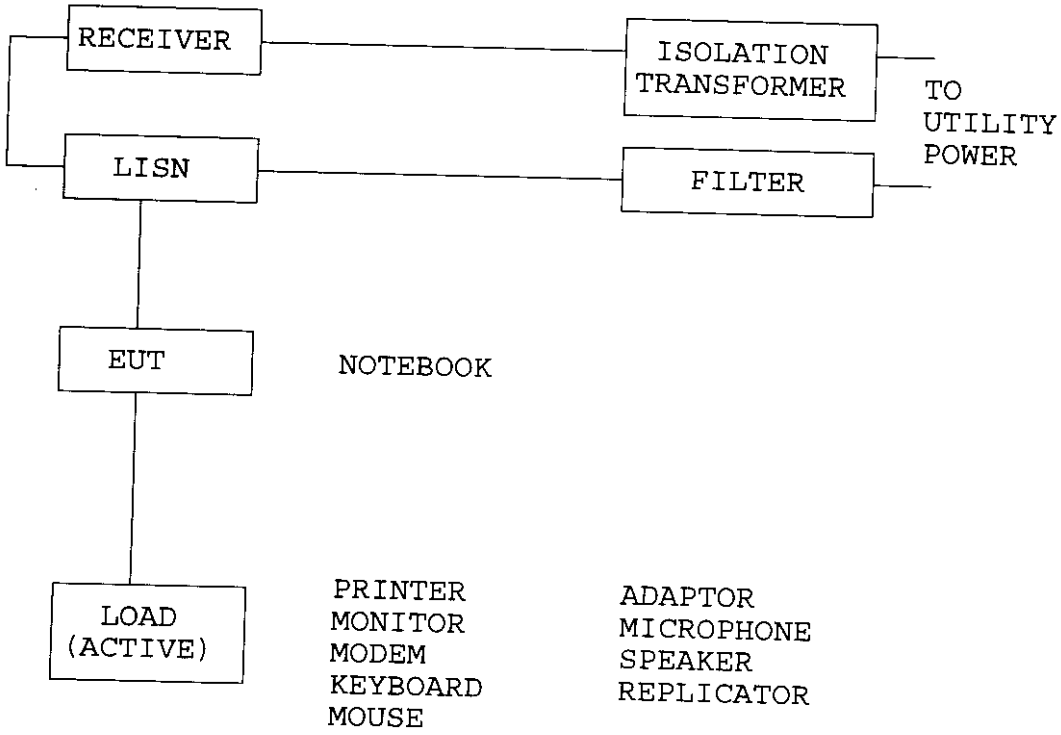
4. RESOLUTION : 640 X 480
   800 X 600
   1024 X 768

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	48 dBuV
1.705 - 30	3000 uV	48 dBuV

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 (dBuv)	LINE 2 (dBuv)	LIMIT (dBuv)
0.45	*	31.3	48.0
2.03	29.2	*	48.0
3.68	30.5	24.3	48.0
7.20	*	18.5	48.0
13.8	28.6	*	48.0

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

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

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

(4).RESOLUTION: 640 X 480

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

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

SIGNED BY TESTING ENGINEER : Jackey

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)
0.51	34.7	37.8	48.0
0.94	*	28.2	48.0
3.30	32.1	*	48.0
4.59	*	35.1	48.0
12.0	*	29.4	48.0
16.3	28.8	*	48.0

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

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

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

(4).RESOLUTION: 800 X 600

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

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

SIGNED BY TESTING ENGINEER : Jackey

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)
0.51	33.8	35.1	48.0
0.81	19.8	26.0	48.0
1.97	*	30.1	48.0
3.79	32.0	*	48.0
16.6	22.3	*	48.0
21.5	*	32.1	48.0

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

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

(3).CPU: PENTIUM II - 300MHz CLOCK CHIP: 100MHz

(4).RESOLUTION: 1024 X 768

(5).TEST CONFIGURATION PLEASE SEE 4.2

(6).TEST EQUIPMENT PLEASE SEE 4.1

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

SIGNED BY TESTING ENGINEER : Jackey

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	JULY, 1998 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/ 96081-1073	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	AUGUST, 1998 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

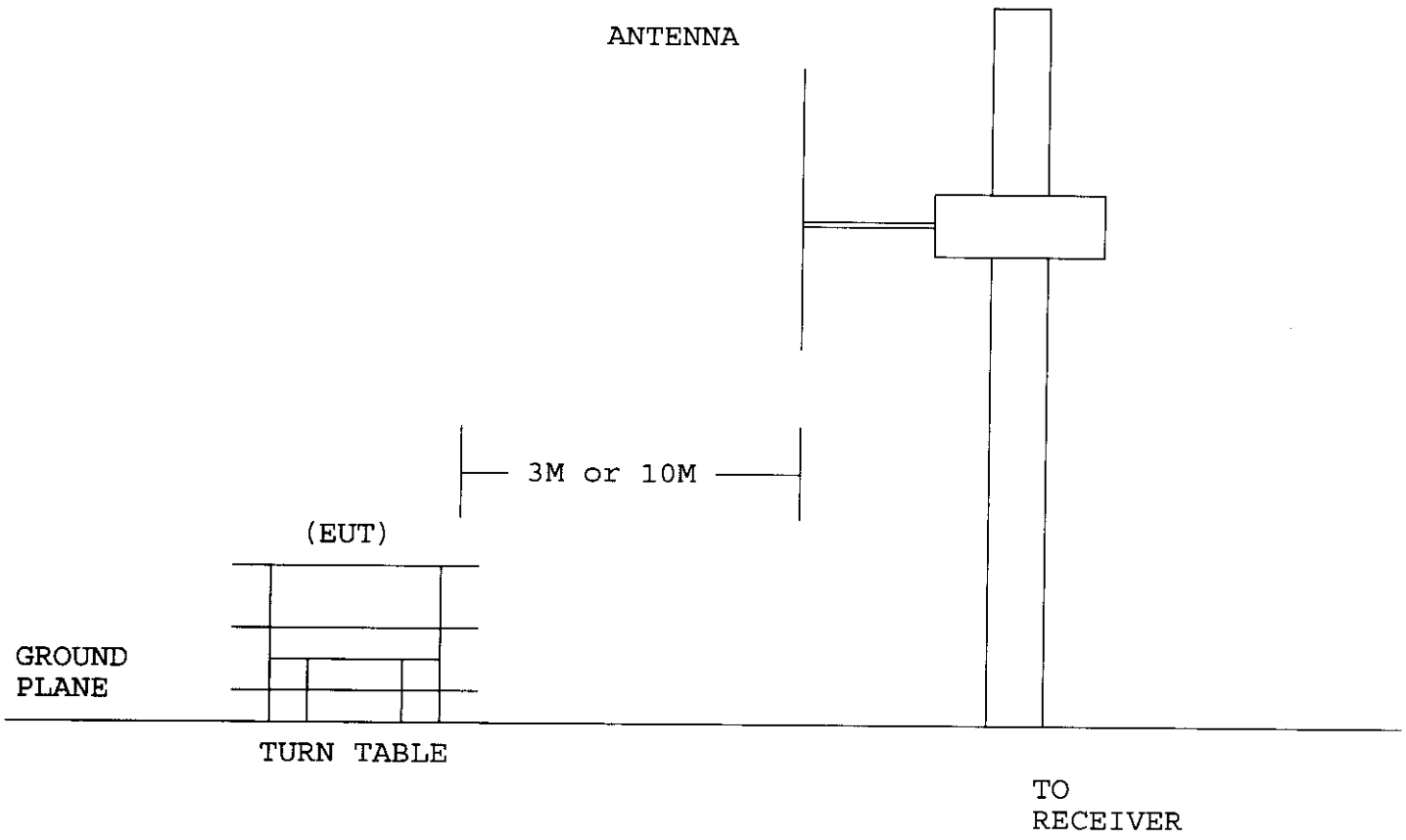
THE EUT WAS TESTED ACCORDING TO ANSI C63.4 - 1992. THE RADIATED TEST WAS PERFORMED AT SRT LAB's OPEN SITE. THIS SITE IS ON FILE WITH THE FCC LABORATORY DIVISION, REFERENCE 31040/SIT.

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.

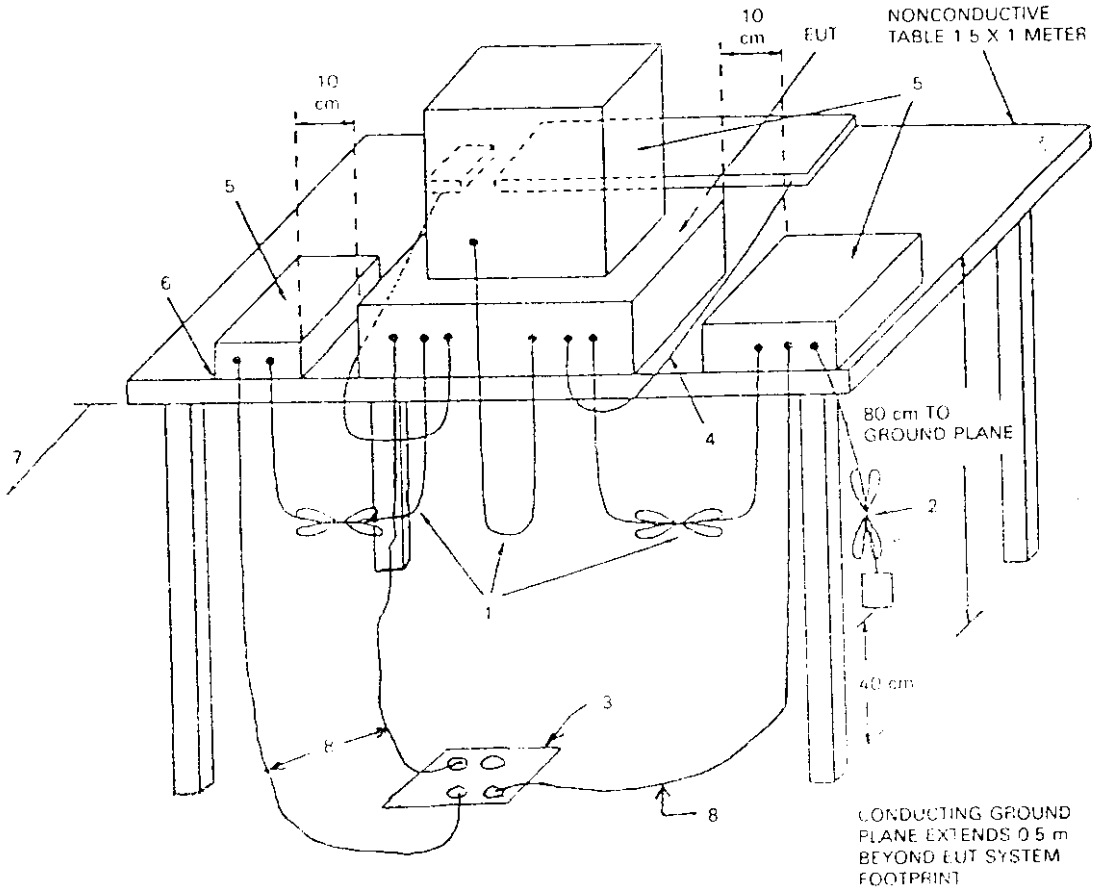
THE MEASUREMENTS ABOVE 1 GHz WITH A RESOLUTION BANDWIDTH OF 1 MHz ARE PEAK READING AT A DISTANCE OF THREE METERS WITH A HORN ANTENNA.

6.5 RADIATED TEST SETUP



6.5 RADIATED TEST SETUP

ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9 kHz TO 40 GHz ANSI C63.4-1992



LEGEND:

1. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 to 40 cm long, hanging approximately in the middle between ground plane and table.
2. I/O cables that are connected to a peripheral shall be bundled in center. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1 m.
3. If LISNs are kept in the test setup for radiated emissions, it is preferred that they be installed under the ground plane with the receptacle flush with the ground plane.
4. Cables of hand-operated devices, such as keyboards, mouses, etc., have to be placed as close as possible to the controller.
5. Non-EUT components of EUT system being tested.
6. The rear of all components of the system under test shall be located flush with the rear of the table.
7. No vertical conducting wall used.
8. Power cords drape to the floor and are routed over to receptacle.

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 (dBuV/m)
30 - 88	3	40.0
88 - 216	3	43.5
216 - 960	3	46.0
ABOVE 960	3	54.0

CLASS B (OPEN CASE)

FREQUENCY (MHz)	DISTANCE (m)	FIELD STRENGTH (dBuV/m)
30 - 88	3	46.0
88 - 216	3	49.5
216 - 960	3	52.0

CLASS A

FREQUENCY (MHz)	DISTANCE (m)	FIELD STRENGTH (dBuV/m)
30 - 88	3	49.0
88 - 216	3	43.5
216 - 960	3	56.4
ABOVE 960	3	59.5

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 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	
97.90	1.2	7.40	25.11	*	33.71	*	43.5
198.8	1.7	9.90	25.40	25.20	37.00	36.80	43.5
248.3	2.0	12.0	25.31	*	39.31	*	46.0
467.5	2.6	17.0	10.88	19.81	30.48	39.41	46.0
584.8	3.0	18.8	*	16.06	*	37.86	46.0
844.8	3.5	21.5	*	13.94	*	38.94	46.0

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

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

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

(4). RESOLUTION: 640 X 480

(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 : jackey

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	
98.87	1.2	7.40	28.24	*	36.84	*	43.5
198.8	1.7	9.90	24.59	25.27	36.19	36.87	43.5
534.4	3.0	17.9	*	22.39	*	43.27	46.0
649.8	3.1	19.9	14.44	14.74	37.44	37.74	46.0
802.1	3.5	20.6	16.84	17.68	40.94	41.78	46.0

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

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

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

(4). RESOLUTION: 800 X 600

(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 : jackey

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	
198.8	1.7	9.90	25.40	25.17	37.00	36.77	43.5
258.9	2.0	12.0	26.04	*	40.04	*	46.0
323.9	2.2	14.7	26.10	19.30	43.00	36.20	46.0
601.3	3.0	19.0	21.71	20.92	43.71	42.92	46.0
902.0	3.9	22.6	*	16.60	*	43.10	46.0

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

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

(3). CPU: PENTIUM II - 300MHz CLOCK CHIP: 100MHz

(4). RESOLUTION: 1024 X 768

(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 : jackey