

CLASS B CERTIFICATION APPLICATION  
UNDER PART 15, SUBPART B

EUT: DIGITAL VOICE RECORDER  
MODEL: DA-100  
FCC ID: 2AG -DA100-1003

SRT REPORT # T8K21-1

PREPARED FOR :

CHAW KHONG TECHNOLOGY CO., LTD.  
NO. 29, WU CHUANG 3RD.,  
WU KU INDUSTRIAL PARK,  
TAIPEI COUNTY,  
TAIWAN, R.O.C.

EMI TESTING REPORT

EUT : DIGITAL VOICE RECORDER

MODEL: DA-100

FCCID: CHG -DA100-1003

PREPARED FOR:

CHAW KHONG TECHNOLOGY CO., LTD.

NO. 29, WU CHUANG 3RD.,

WU KU INDUSTRIAL PARK,

TAIPEI COUNTY,

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

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1. TEST REPORT CERTIFICATION

APPLICANT : CHAW KHONG TECHNOLOGY CO., LTD.

ADDRESS : NO. 29, WU CHUANG 3RD.,  
WU KU INDUSTRIAL PARK, TAIPEI COUNTY,  
TAIWAN, R.O.C.

EUT DESCRIPTION : DIGITAL VOICE RECORDER

(A) POWER SUPPLY : FROM BATTERY:4.5V

(B) MODEL : DA-100

(C) FCCID : TTA-DA100-1003

FINAL TEST DATE : 11/11/1998

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 : Hill Chou DATE 11/11/98  
Hill Chou

SUPERVISOR : Jesse Ho DATE 11/11/98  
Jesse Ho

APPROVED BY : Johnson Ho DATE 11/11/98

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.

**RECORD AND PLAY SOUND**

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

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.

Spectrum Research & Testing Lab. FCC ID: 2AG-DA100-1003 Report#: T8K21-1

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

# CHAW KHONG TECHNOLOGY

喬工科技股份有限公司

NO. 29, WU CHUANG 3RD ROAD, WU KU INDUSTRIAL PARK, TAIPEI HSISIEN (248), TAIWAN, ROC

台北縣五股市五權三路 29 號 (248) /

TEL: 886-2-2298-2808 FAX: 886-2-2299-4838, 2298-3458

WEB SITE: WWW.CKCORP.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 notice that our company agrees to make all modifications to FCC ID: ITA-DA100-1003 as listed in section 3.0 of modification to submitted by Spectrum Research and Testing Laboratory, Inc.

Respectfully,

Last	First	Position/ Title	Date
Jonathan	Deary	VP R&D	11/19/98

Effective Dates: November 19, 1998 to May 19, 1999.

## 5. RADIATED EMISSION TEST

## 5.1 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	DU E 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 , 1998 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

## 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
DIGITAL VOICE RECORDER	CHAW KHONG TECHNOLOGY CO., LTD.	DA-100	TTA-DA100-1003

### - REMARK

### - INTERNAL DEVICES

<u>DEVICE</u>	<u>MANUFACTURER</u>	<u>MODEL #</u>	<u>DoC/FCCID</u>
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-PERIPHERALS

DEVICE	MANUFAC-TURER	MODEL# / SERIAL#	FCCID	CABLE
EARPHONE	RADIO SHACK	NOVA.40	N/A	DATA-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. RECORD AND PLAY SOUND.

#### 5.4 TEST PROCEDURE

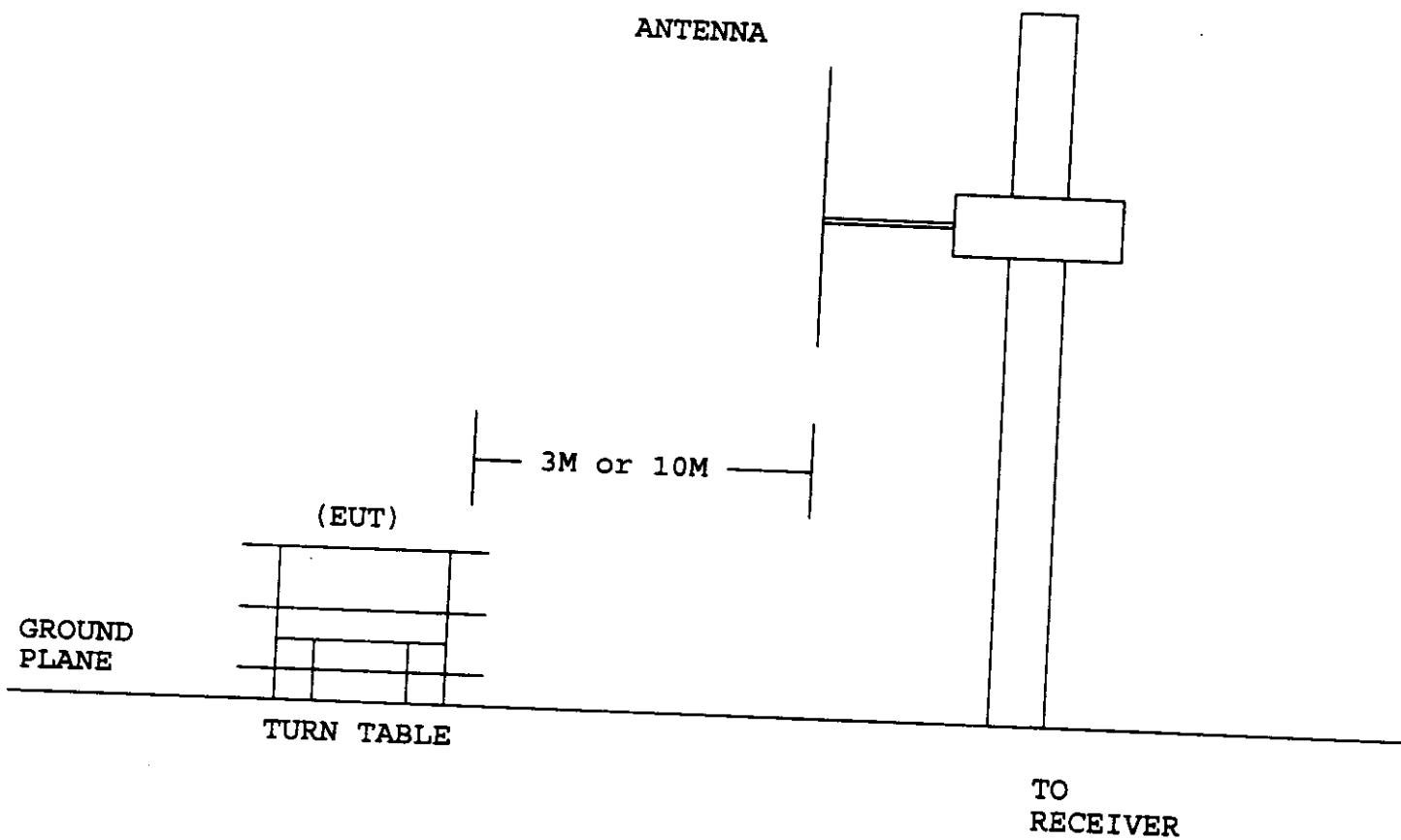
THE EUT WAS TESTED ACCORDING TO ANSI C63.4 - 1992. THE RADIATED TEST WAS PERFORMED AT SRT LAB'S OPEN SITE. THIS SITE IS ON FILE WITH THE FCC LABORATORY DIVISION, REFERENCE 31040/SIT.

THE FREQUENCY SPECTRUM FROM 30 MHZ TO 1 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 MAXIMUM 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.

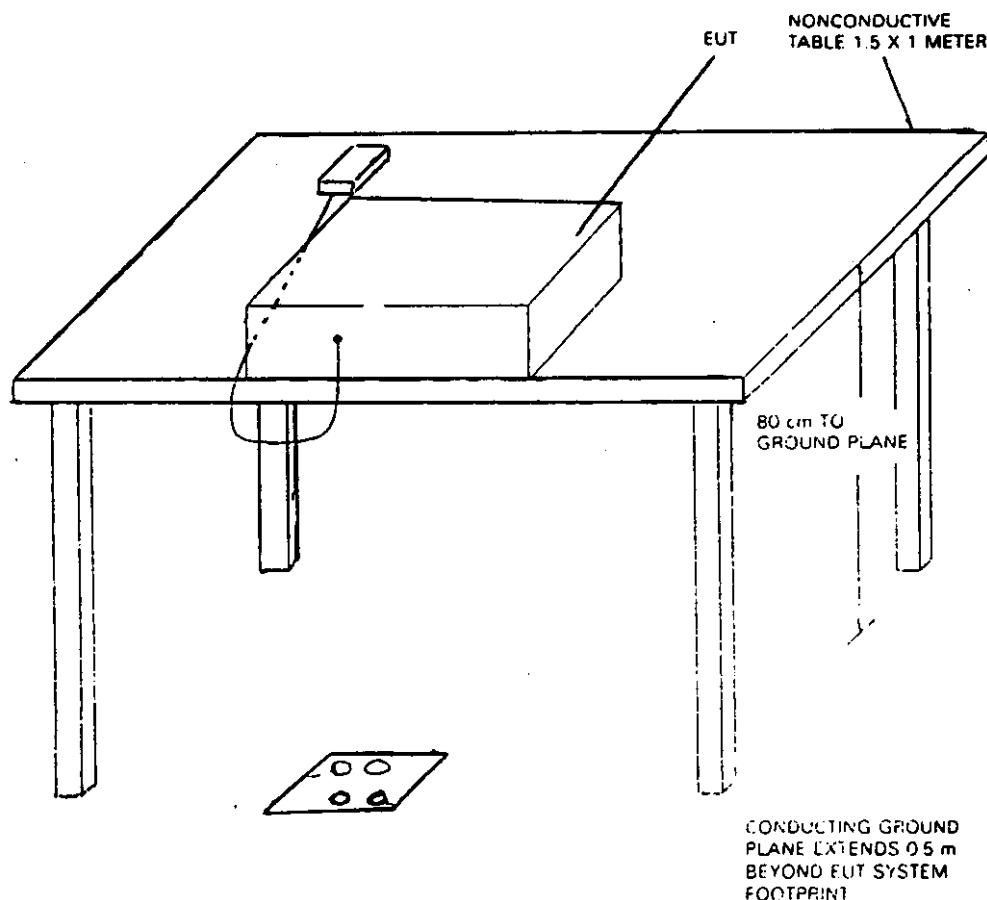
## 5.5 RADIATED TEST SETUP



### 5.5 RADIATED TEST SETUP

ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9 kHz TO 40 GHz

ANSI  
C63.4-1992



### 5.6 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.

5.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 1 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	
57.74	0.3	13.0	19.5	10.0	43.65	14.62	100
141.3	0.7	10.9	12.0	8.00	15.14	9.550	150
163.8	0.9	12.3	25.9	19.0	90.16	40.74	150
245.7	0.8	14.0	21.0	10.5	61.66	18.41	200
266.2	1.0	13.9	28.0	14.3	139.6	28.84	200
286.7	1.3	15.0	22.1	10.7	83.18	22.39	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  
 $20 \log(\text{EMISSION}) \text{uV/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$

(4). TEST CONFIGURATION PLEASE SEE 5.2

(5). TEST EQUIPMENT PLEASE SEE 5.1

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

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

SIGNED BY TESTING ENGINEER : [Signature]

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6. PHOTOS OF TESTING.....	18-23

1. TEST REPORT CERTIFICATION

APPLICANT : CHAW KHONG TECHNOLOGY CO., LTD.

ADDRESS : NO. 29, WU CHUANG 3RD.,  
WU KU INDUSTRIAL PARK, TAIPEI COUNTY,  
TAIWAN, R.O.C.

EUT DESCRIPTION : DIGITAL VOICE RECORDER

(A) POWER SUPPLY : FROM BATTERY:4.5V

(B) MODEL : DA-100

(C) FCCID : TTA-DA100-1003

FINAL TEST DATE : 11/11/1998

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 : Hill Chou DATE 11/11/98  
Hill Chou

SUPERVISOR : Jesse Ho DATE 11/11/98  
Jesse Ho

APPROVED BY : Johnson Ho DATE 11/11/98  
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.

**RECORD AND PLAY SOUND**

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

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

# CHAW KHONG TECHNOLOGY

喬工科技股份有限公司

NO. 29, WU CHIANG 3<sup>RD</sup> ROAD, WU KU INDUSTRIAL PARK, TAIPEI HSIEH (248), TAIWAN, ROC

台北縣五股工業區五權二路 29 號 (248)

TEL: 886-2-2298-2808 FAX: 886-2-2299-4838, 2298-3458

WEB SITE: WWW.CKCORP.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 notice that our company agrees to make all modifications to FCC ID: ITA-DA100-1003 as listed in section 3.0 of modification to submitted by Spectrum Research and Testing Laboratory, Inc.

Respectfully,

Last	First	Position/ Title	Date
------	-------	-----------------	------

*Jonathan Dray*      *VP R&D*      *11/19/98*  
Effective Dates: November 19, 1998 to May 19, 1999.

## 5. RADIATED EMISSION TEST

## 5.1 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 , 1998 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

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
DIGITAL VOICE RECORDER	CHAW KHONG TECHNOLOGY CO., LTD.	DA-100	TTA-DA100-1003

-REMARK

-INTERNAL DEVICES

DEVICE                    MANUFACTURER                    MODEL #                    DoC/FCCID

-PERIPHERALS

DEVICE	MANUFAC-TURER	MODEL# / SERIAL#	FCCID	CABLE
EARPHONE	RADIO SHACK	NOVA.40	N/A	DATA-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. RECORD AND PLAY SOUND.

#### 5.4 TEST PROCEDURE

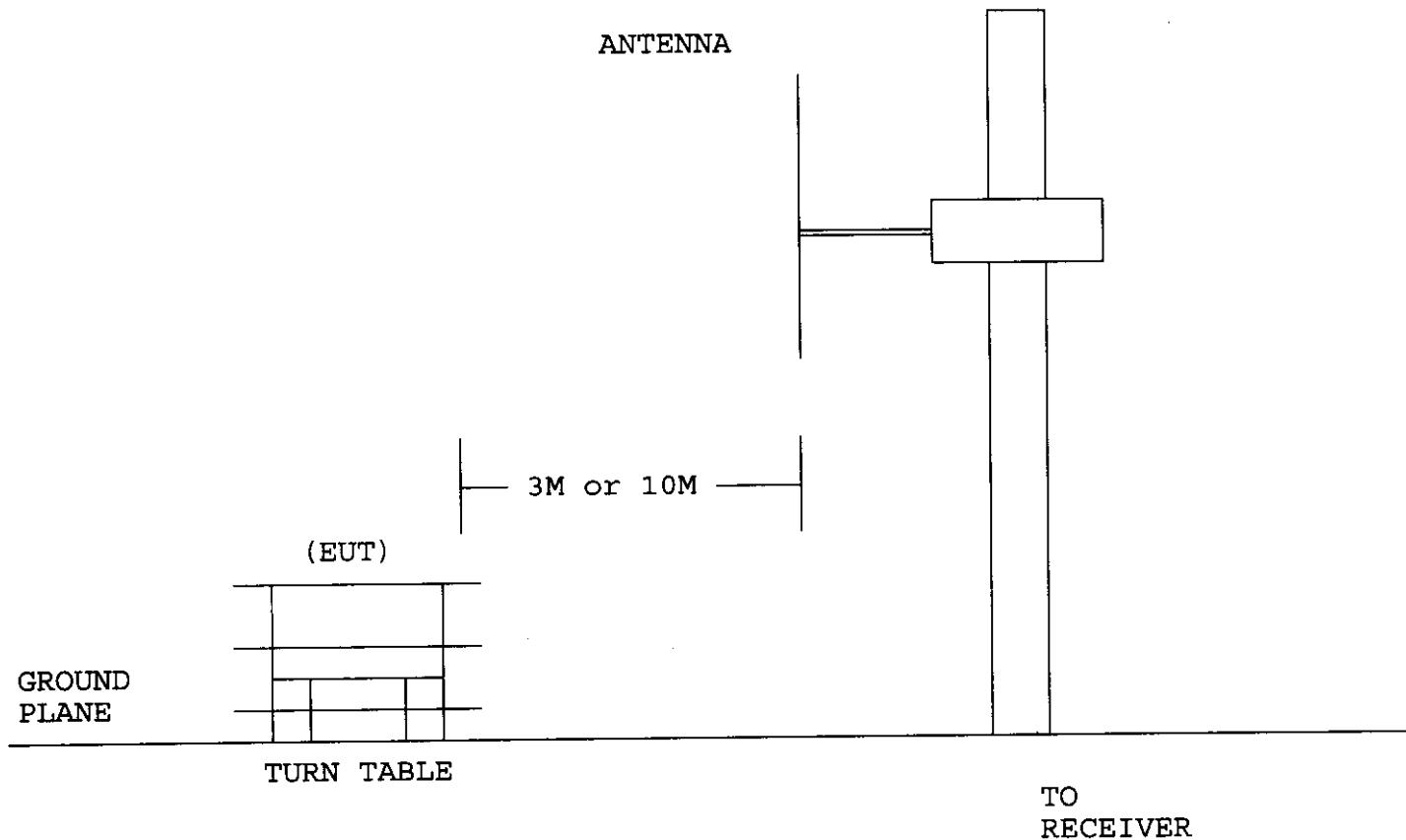
THE EUT WAS TESTED ACCORDING TO ANSI C63.4 - 1992. THE RADIATED TEST WAS PERFORMED AT SRT LAB's OPEN SITE. THIS SITE IS ON FILE WITH THE FCC LABORATORY DIVISION, REFERENCE 31040/SIT.

THE FREQUENCY SPECTRUM FROM 30 MHZ TO 1 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 MAXIMUM EMISSION FOR EACH FREQUENCY.

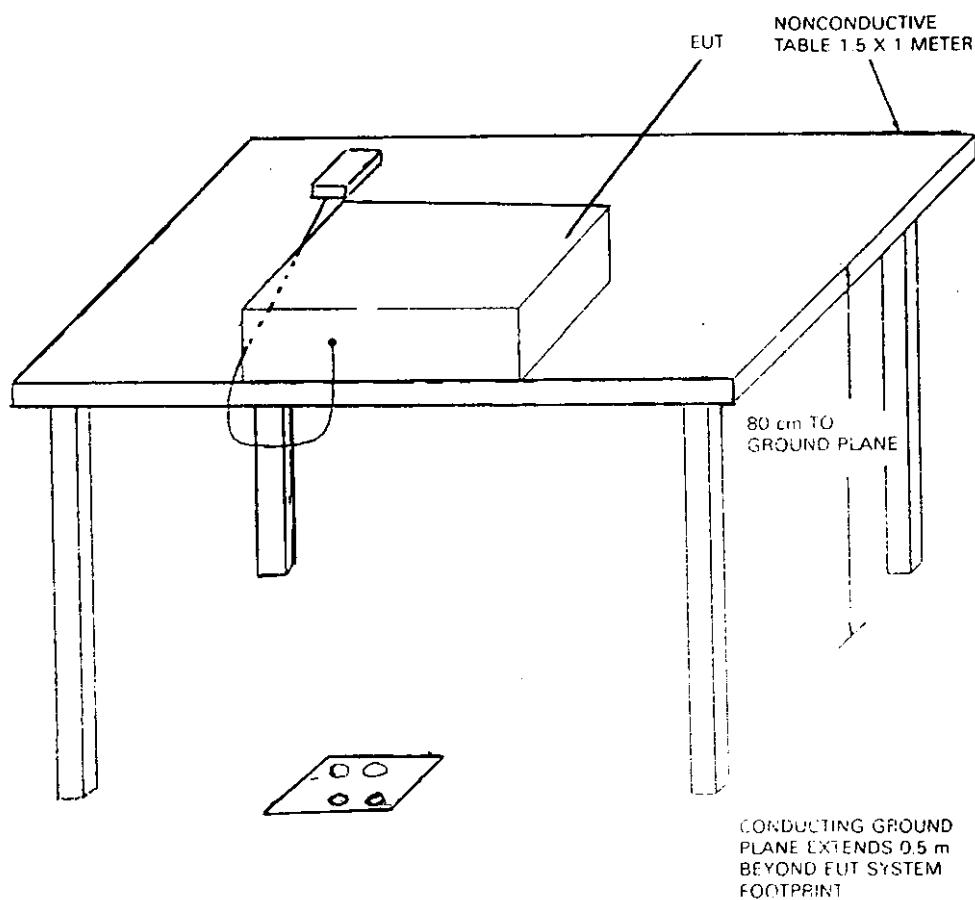
THE MEASUREMENTS ABOVE 1 GHZ WITH A RESOLUTION BANDWIDTH OF 1 MHZ ARE PEAK READING AT A DISTANCE OF THREE METERS WITH A HORN ANTENNA.

5.5 RADIATED TEST SETUP



## 5.5 RADIATED TEST SETUP

ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9 kHz TO 40 GHz

ANSI  
C63.4-1992

## 5.6 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.

## 5.7 RADIATED EMISSION TEST RESULT

THE FREQUENCY SPECTRUM FROM 30 MHz TO 1 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	
57.74	0.3	13.0	19.5	10.0	43.65	14.62	100
141.3	0.7	10.9	12.0	8.00	15.14	9.550	150
163.8	0.9	12.3	25.9	19.0	90.16	40.74	150
245.7	0.8	14.0	21.0	10.5	61.66	18.41	200
266.2	1.0	13.9	28.0	14.3	139.6	28.84	200
286.7	1.3	15.0	22.1	10.7	83.18	22.39	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  
 $20 \log(\text{EMISSION}) \text{ uV/m} = \text{CABLE LOSS (dB)} + \text{FACTOR (dB)} + \text{READING (dBuV/m)}$

(4). TEST CONFIGURATION PLEASE SEE 5.2

(5). TEST EQUIPMENT PLEASE SEE 5.1

(6). UNCERTAINTY IN RADIATED EMISSION MEASURED IS  $<+/-4\text{dB}$

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

SIGNED BY TESTING ENGINEER : JFM