

APPLICATION FOR CERTIFICATION

On Behalf of

Cybiko Inc.

Wireless Entertainment System

Model : CY6411

FCC ID OU2CY6411

Low Power Transceiver / Equipment Code: DXT (FCC Fee \$940)

60 Channel TX 903.2 ~ 926.8 MHz: Certification

60 Channel RX 903.2 ~ 926.8 MHz: Verification

Class B Computing Device Peripheral: DoC

Prepared for : Cybiko Inc.

1582 Lenox CT. Bartlett,

Illinois 60103, U.S.A.

Prepared By : Taiwan Tokin EMC Eng. Corp.

No. 53-11, Tin-Fu Tsun, Lin-Kou,

Taipei Hsien, Taiwan, R.O.C.

Tel: (02) 2609-9301 / 2609-2133

File Number ATM-G00020

Report Number TTEMC-F20008

Date of Test Jan. 20 / 21, 2000

Date of Report Jan. 21, 2000

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TEST REPORT CERTIFICATION

Applicant	Cybiko Inc.
Manufacturer	Cybiko Inc.
FCC ID	OU2CY6411
EUT Description	Wireless Entertainment System
	(A) MODEL NO. CY6411
	(B) SERIAL NO. N/A
	(C) POWER SUPPLY DC 6V

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART B & C, OCTOBER 1998
AND FCC / ANSI C63.4-1992

The device described above was tested by TAIWAN TOKIN EMC ENG. CORP. to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart B & C limits both radiated and conducted emissions.

The measurement results are contained in this test report and TAIWAN TOKIN EMC ENG. CORP. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Taiwan Tokin EMC Eng. corp.

Date of Test : Jan. 20 / 21, 2000

Prepared by :



(CHERRY WANG)

Test Engineer :



(ALLEN WANG)

Approve & Authorized Signer :



(JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	Wireless Entertainment System
Model Number	CY6411
FCC ID	OU2CY6411
Applicant	Cybiko Inc. 1582 Lenox CT. Bartlett, Illinois 60103, U.S.A.
Manufacturer	Inventec Besta Co., Ltd. 10FL., No. 36, Lane 513, Rui Guang Road, Nei Hu Dist, Taipei 114, Taiwan, R.O.C.
Fundamental Frequency	903.2 ~ 926.8MHz (60 Channels)
Signal Cable (link PC)	Non-Shielded, Detachable, 1.0m Bonded two ferrite cores
Power Adapter	CYBIKO, M/N CY6411-AD Input: 120V AC, 60Hz Output: 6V DC, 200mA Cord: Non-Shielded, Undetachable, 1.75m Bonded a ferrite core
Date of Receipt of Sample	Jan. 12, 2000
Date of Test	Jan. 20 / 21, 2000

Remark:

The EUT is a handheld transceiver for entertainment. There are a superheterodyne receiver and a FM transmitter in the same device.

The EUT could be used to transmit and receive message with another same device, and communicated to personal computer through serial port of PC.

60 Channel TX 903.2 ~ 926.8 MHz: Certification
 60 Channel RX 903.2 ~ 926.8 MHz: Verification
 Class B Computing Device Peripheral: DoC

1.2. Tested Supporting System Details

1.2.1. PERSONAL COMPUTER

Mother Board	ASUS, M/N P5A FCC ID. By DoC
CPU	AMD K6-2 266MHz
Case	Enlight, M/N EN7105C
S.P.S.	SPI, M/N FSP250-61GT S/N W13562644
Floppy Driver 3.5"	Mitsumi, M/N D353M3
Hard Disk Driver	Seagate, M/N ST34321A S/N VTH85652
VGA Card	ELSA, M/N Gloria-Synergy FCC ID KJGP2EASY
Power Cord	Non-Shielded, Detachable, 1.8m

1.2.2. COLOR MONITOR

Model Number	PM36B
Serial Number	W821111454
FCC ID	IIBTC1
Manufacturer	Funai Electric Company of Taiwan
Data Cable	Shielded, Undetachable, 1.2m
Power Cord	Non-Shielded, Detachable, 1.5m

1.2.3. KEYBOARD

Model Number	5121
Serial Number	J83300817
FCC ID	E5XKBM104M10UC
Manufacturer	Behavior Tech Computer Corp.
Data Cable	Shielded, Undetachable, 1.0m

1.2.4. PRINTER

Model Number	2225C
Serial Number	2526S40437
FCC ID	BS46XU2225C
Manufacturer	Hewlett Packard
Power Cord	Non-Shielded, Undetachable, 1.8m
Data Cable	Shielded, Detachable, 1.2m

1.2.5. PS2 MOUSE

Model Number	M-S35
Serial Number	LZA82103128
FCC ID	DZL211029
Manufacturer	Logitech
Data Cable	Non-Shielded, Undetachable, 1.8m

1.2.6. MODEM

Model Number	DM-1414
Serial Number	980034400
FCC ID	IFAXDM1414
Manufacturer	Aceex
Data Cable	Shielded, Detachable, 1.2m
Power Adapter	Amigo, Model AM-91000A
	Non-Shielded, Undetachable, 1.8m

1.2.7. USB MOUSE #1

Model Number	CREUBB
Serial Number	N/A
FCC ID	NHM-CREUBE
Manufacturer	CRE Technology Co., Ltd.
Data Cable	Shielded, Undetachable, 1.8m

1.2.8. USB MOUSE #2

Model Number	CREUBB
Serial Number	N/A
FCC ID	NHM-CREUBE
Manufacturer	CRE Technology Co., Ltd.
Data Cable	Shielded, Undetachable, 1.8m

1.3. Description of Test Facility

Site Description (No. 1 Open Site)	Nov. 23, 1999 Re-file on Federal Communication Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, U.S.A.
Name of Firm	Taiwan Tokin EMC Eng. Corp.
Site Location	No. 53-11, Tin-Fu Tsun, Lin-Kou, Taipei Hsien, Taiwan, R.O.C.
NVLAP lab. Code	200077-0

2. POWERLINE CONDUCTED TEST

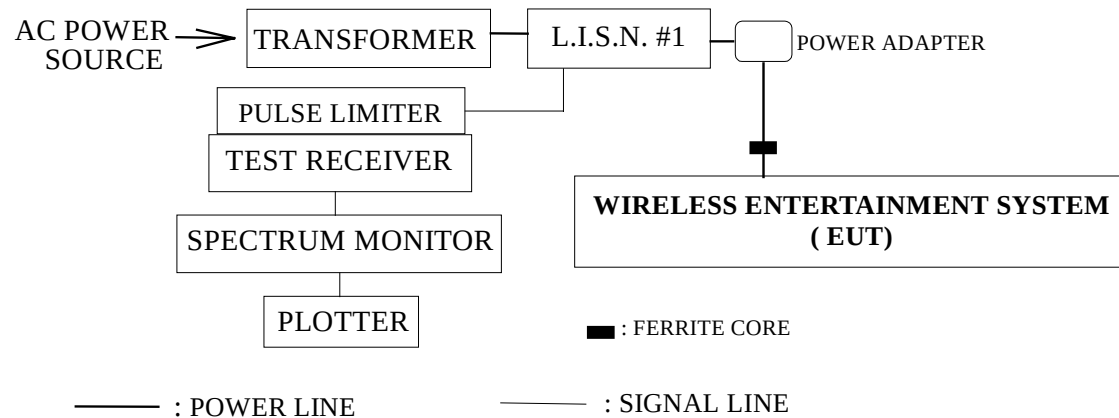
2.1. Test Equipment

The following test equipment were used during the power line conducted tests

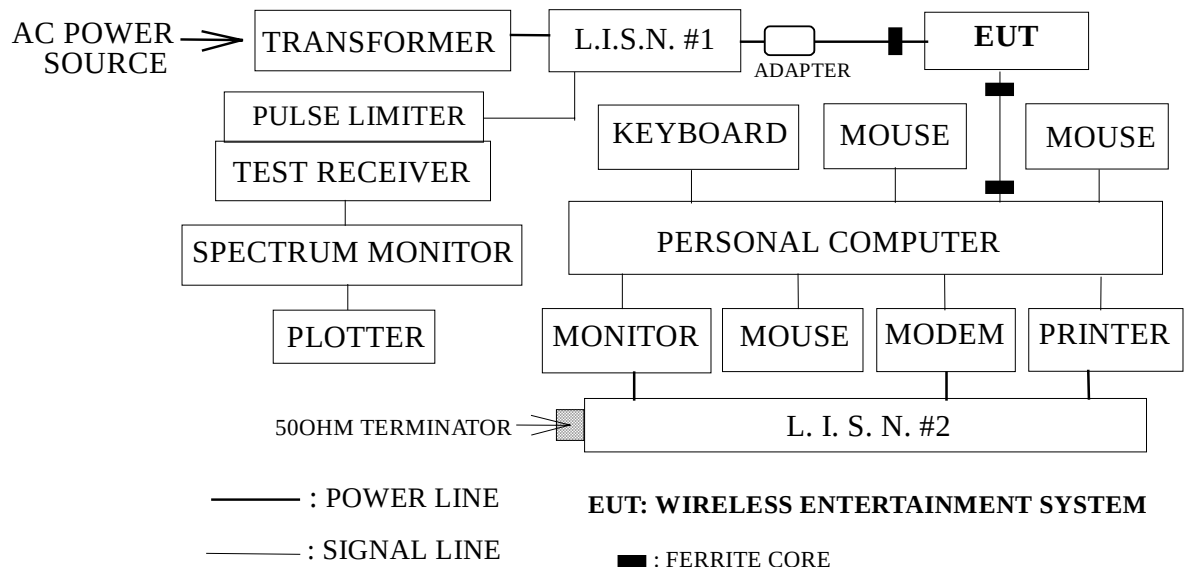
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESH3	880647/035	Jun. 19, 99'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-881-13	Apr. 21, 99'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-855-9	Apr. 21, 99'	1 Year

2.2. Block Diagram of Test Setup

2.2.1. For EUT Only (Transmitting / Receiving Mode)



2.2.2. For EUT Link PC



2.3. Powerline Conducted Emission Limit (§15.107)

Frequency	Maximum RF Line Voltage	
	μV	$\text{dB}\mu\text{V}$
0.45MHz ~ 30MHz	250	48

REMARKS RF LINE VOLTAGE ($\text{dB}\mu\text{V}$) = $20 \log \text{RF LINE VOLTAGE } (\mu\text{V})$

2.4. EUT's Configuration during Compliance Measurement

The following equipment were installed on RF LINE VOLTAGE measurement to meet the Commission requirement and operating in a manner which tended to maximize its emission characteristics in a normal application.

2.4.1. Wireless Entertainment System (EUT)

Model Number	CY6411
Serial Number	N/A
FCC ID.	OU2CY6411
Manufacturer	Inventec Besta Co., Ltd.
Signal Cable	Non-Shielded, Detachable, 1.0m
(link PC)	Bonded two ferrite cores
Power Adapter	CYBIKO, M/N CY6411-AD
	Input: 120V AC, 60Hz
	Output: 6V DC, 200mA
	Cord: Non-Shielded, Undetachable, 1.75m
	Bonded a ferrite core

2.4.2. Supporting System As in Section 1.2

2.5. Operating Condition of EUT

2.5.1. Setup the EUT as shown on 2.2

2.5.2. Turn on the power of all equipment.

2.5.3. Transmitting Mode: It is made to transmitting situation when measure the conducted voltage.

2.5.4. Receiving Mode: It is made to receiving situation when measure the conducted voltage.

2.5.5. Link PC: Setup the EUT to link personal computer. The EUT sent out message (Word or Graphic) to personal computer continually.
(The testing program is provided by applicant)

2.6. Test Procedure

The EUT's Power Adapter was connected to the power mains through a line impedance stabilization network (L.I.S.N.# 1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N. # 2). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to FCC ANSI C63.4-1992 on conducted measurement.

The bandwidth of the R&S Test Receiver ESH3 was set at 10KHz.

The frequency range from 450KHz to 30MHz was checked.

EUT with four kinds of test modes were done during conducted measurement and all the test results are listed in section 2.8.

The details of test modes are as follows:

- (1) Transmitting Mode (Channel 1 Low Frequency 903.2MHz)
- (2) Transmitting Mode (Channel 60 High Frequency 926.8MHz)
- (3) Receiving Mode
- (4) EUT Link PC

2.7. Test Results

PASSED. Please refer to the following pages.

2.8. Line Conducted RF Voltage Measurement Results

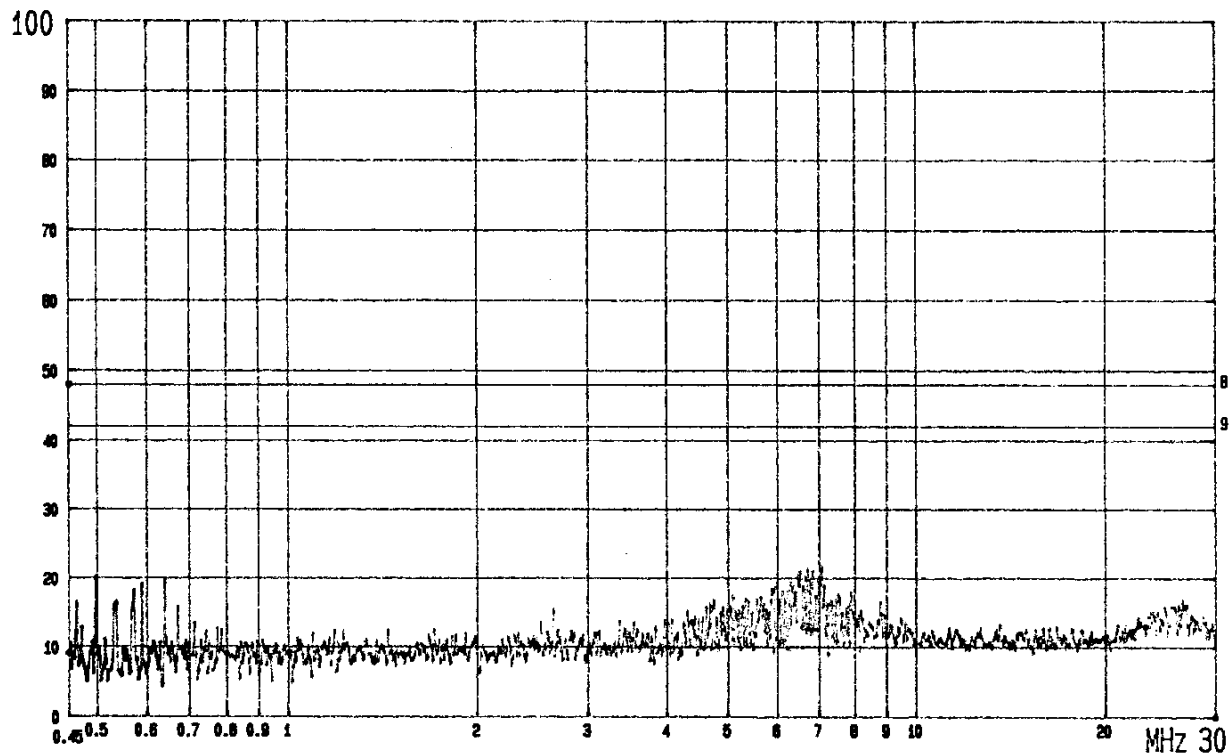
The frequency range from 450KHz to 30 MHz was investigated.
All emissions not reported below are too low against the prescribed limits.

Date of Test	Jan. 20, 2000	Temperature	14.4
EUT	Wireless Entertainment System	Humidity	61
Test Mode	Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

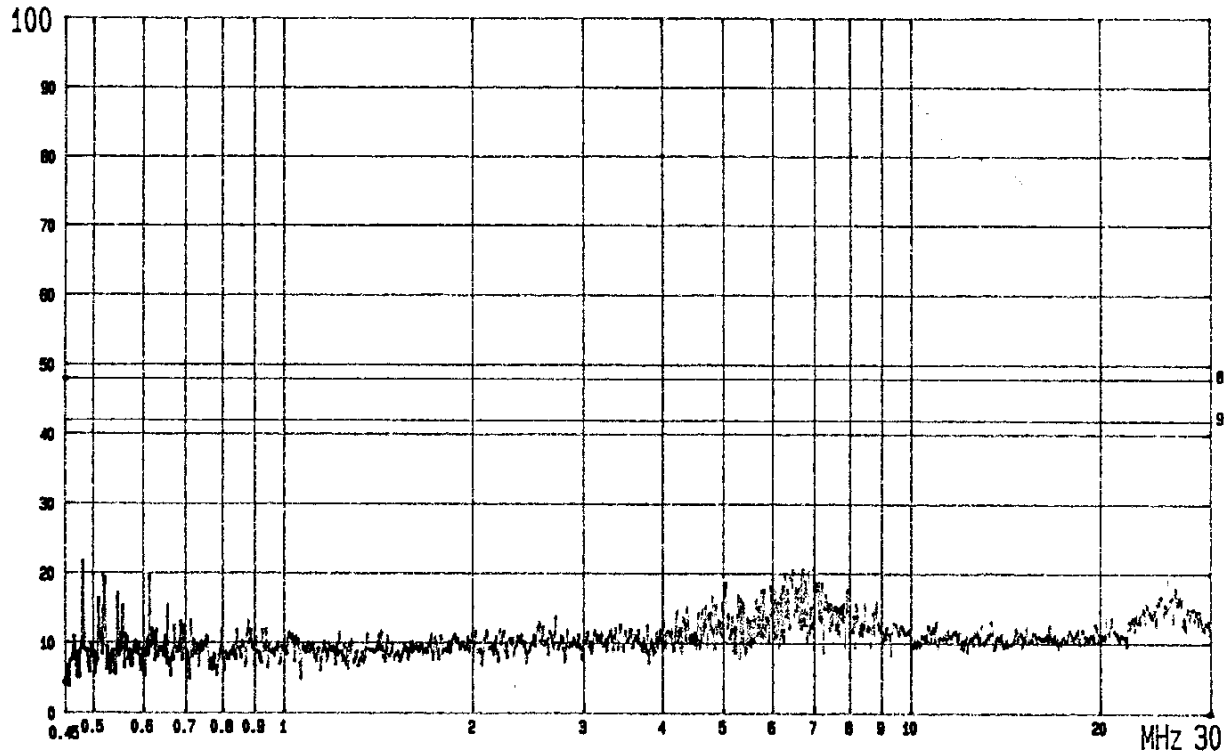
Frequency (MHz)	Factor dB	Reading (dBμV)		Measurement (dBμV)		Limits (dBμV)	Margin dB	
		VA	VB	VA	VB		VA	VB
0.4852	0.5	19.3	18.9	19.8	19.4	48.0	28.2	28.6
0.5336	0.5	18.2	*	18.7	*	48.0	29.3	*
0.5349	0.5	*	17.8	*	18.3	48.0	*	29.7
0.6184	0.5	18.0	*	18.5	*	48.0	29.5	*
0.6208	0.5	*	17.3	*	17.8	48.0	*	30.2
0.9395	0.5	12.4	*	12.9	*	48.0	35.1	*
0.9407	0.5	*	12.1	*	12.6	48.0	*	35.4
5.0338	0.8	16.6	*	17.4	*	48.0	30.6	*
5.1134	0.8	*	16.5	*	17.3	48.0	*	30.7
6.9877	0.8	18.8	*	19.6	*	48.0	28.4	*
7.0085	0.8	*	18.4	*	19.2	48.0	*	28.8

- Remark
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 0.4852MHz with corrected signal level of 19.8dBμV (limit is 48dBμV) when the VA side of the EUT's power was connected to L.I.S.N.

dBuV

CYBIKO
LINE: VA.EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: TRANSMITTING; CHANNEL 3120V/60Hz PAGE: 02.
(PEAK VALUE) TTEMC.

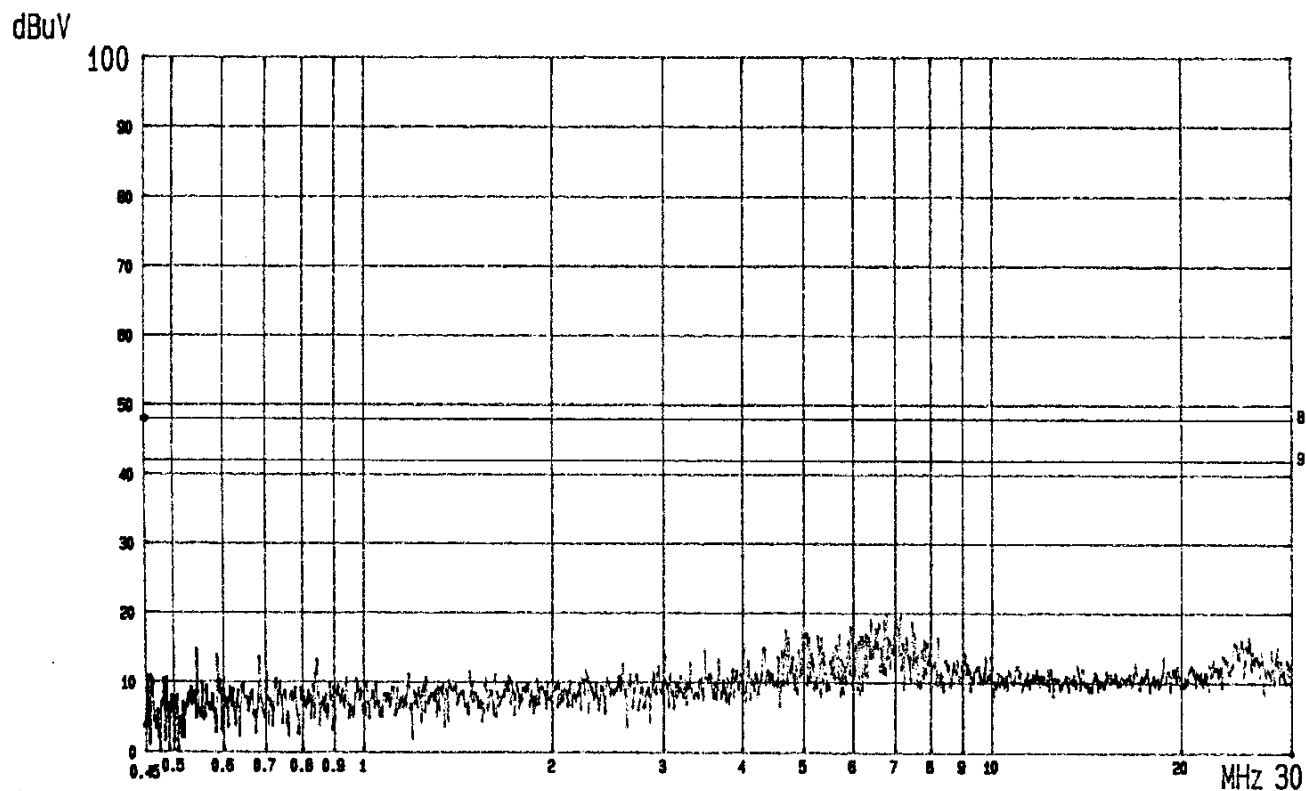
dBuV

CYBIKO
LINE: VB.EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: TRANSMITTING; CHANNEL 3120V/60Hz PAGE: 01.
(PEAK VALUE) TTEMC.

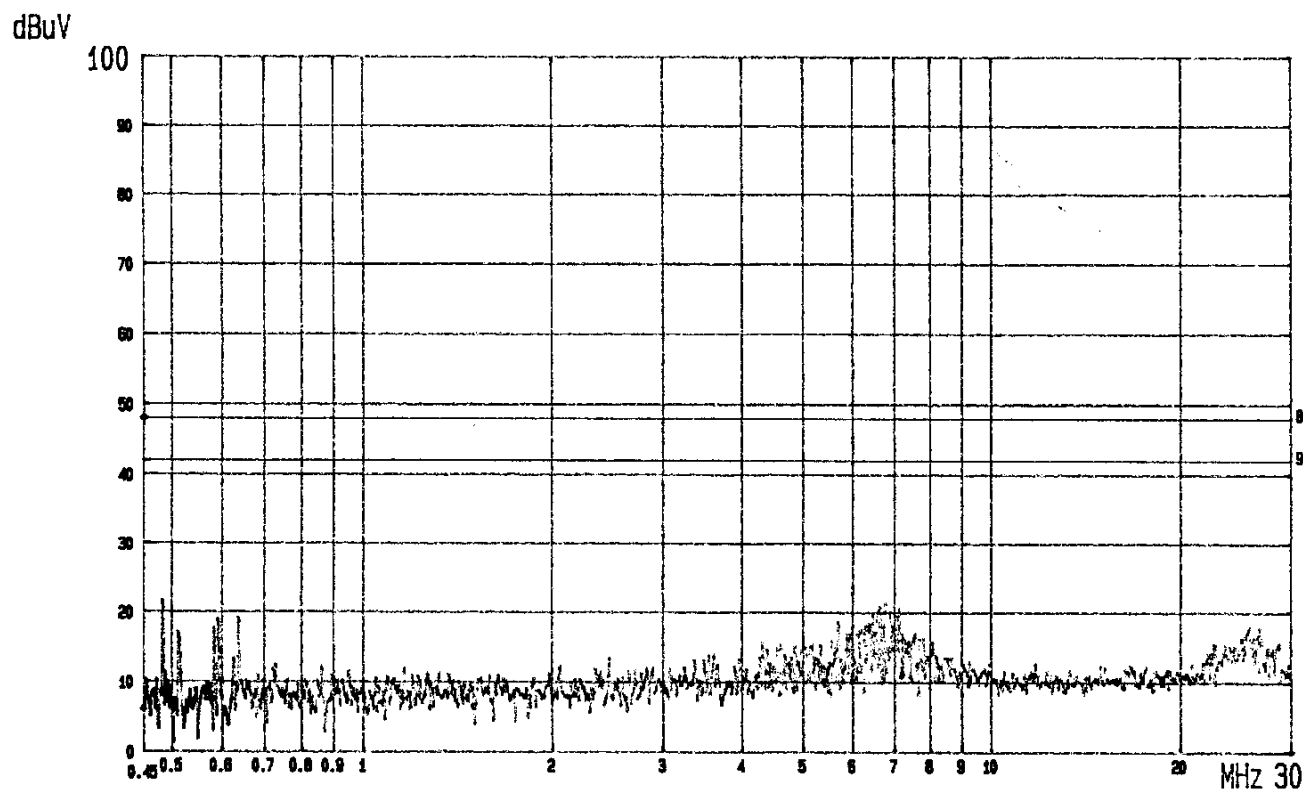
Date of Test	Jan. 20, 2000	Temperature	14.4
EUT	Wireless Entertainment System	Humidity	61
Test Mode	Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Frequency (MHz)	Factor dB	Reading (dBμV)		Measurement (dBμV)		Limits (dBμV)	Margin dB	
		VA	VB	VA	VB		VA	VB
0.4833	0.5	*	19.2	*	19.7	48.0	*	28.3
0.5298	0.5	*	16.8	*	17.3	48.0	*	30.7
0.5450	0.5	17.6	*	18.1	*	48.0	29.9	*
0.5904	0.5	*	17.2	*	17.7	48.0	*	30.3
0.6003	0.5	16.5	*	17	*	48.0	31	*
0.6417	0.5	*	17.3	*	17.8	48.0	*	30.2
0.6895	0.5	15.8	*	16.3	*	48.0	31.7	*
0.8345	0.5	13.9	*	14.4	*	48.0	33.6	*
5.9894	0.8	18.5	*	19.3	*	48.0	28.7	*
6.0105	0.8	*	18.2	*	19	48.0	*	29
6.8847	0.8	*	18.5	*	19.3	48.0	*	28.7
7.2330	0.8	17.2	*	18	*	48.0	30	*

- Remark
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 0.4833MHz with corrected signal level of 19.7dBμV (limit is 48dBμV) when the VB side of the EUT's power was connected to L.I.S.N.



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CYBIKO
LINE: VA.EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: TRANSMITTING; CHANNEL 62120V/60Hz PAGE: 03.
(PEAK VALUE) TTEMC.

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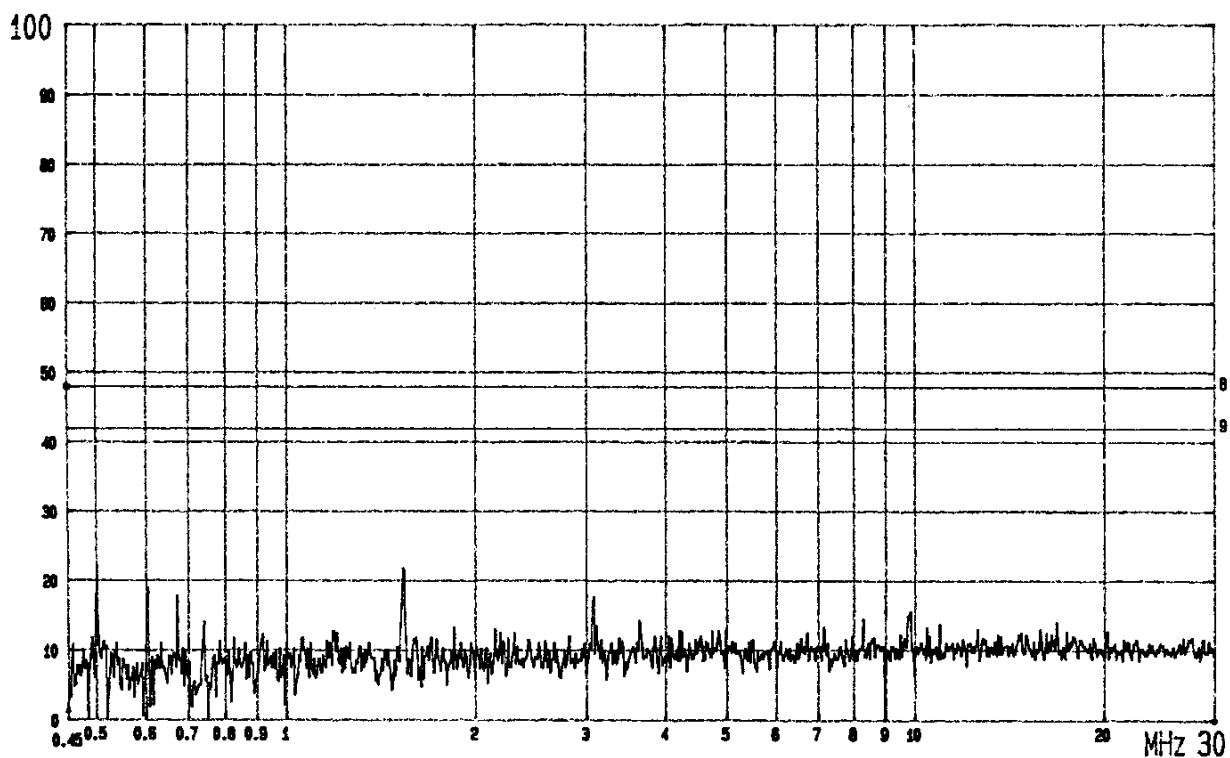
CYBIKO
LINE: VB.EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: TRANSMITTING; CHANNEL 62120V/60Hz PAGE: 04.
(PEAK VALUE) TTEMC.

Date of Test	Jan. 21, 2000	Temperature	16
EUT	Wireless Entertainment System	Humidity	66
Test Mode	Receiving Mode		

Frequency (MHz)	Factor dB	Reading (dB μ V)		Measurement (dB μ V)		Limits (dB μ V)	Margin dB	
		VA	VB	VA	VB		VA	VB
0.5001	0.5	14.6	*	15.1	*	48.0	32.9	*
0.5024	0.5	*	11.5	*	12	48.0	*	36
0.6089	0.5	13.7	*	14.2	*	48.0	33.8	*
0.6174	0.5	*	13.7	*	14.2	48.0	*	33.8
0.6498	0.5	9.9	*	10.4	*	48.0	37.6	*
0.9236	0.5	*	18.0	*	18.5	48.0	*	29.5
1.5368	0.5	*	17.0	*	17.5	48.0	*	30.5
1.5781	0.5	4.8	*	5.3	*	48.0	42.7	*
3.0686	0.5	3.9	*	4.4	*	48.0	43.6	*
8.8368	0.8	*	2.4	*	3.2	48.0	*	44.8
10.0043	1.0	3.5	*	4.5	*	48.0	43.5	*
11.0595	1.0	*	23.1	*	24.1	48.0	*	23.9

- Remark
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 11.0595MHz with corrected signal level of 24.1dB μ V (limit is 48dB μ V) when the VB side of the EUT's power was connected to L.I.S.N.

dBuV

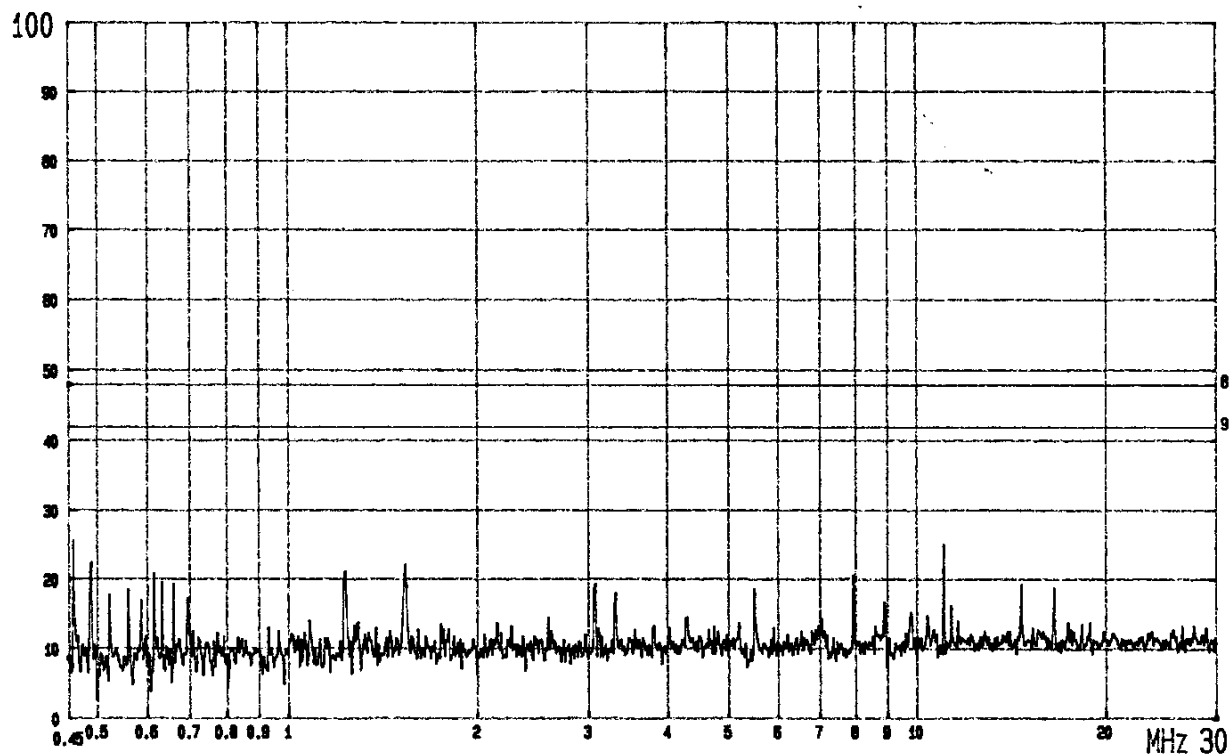


CYBIKO
LINE: VA.

EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: RECEIVER

120V/60Hz PAGE: 08.
(PEAK VALUE) TTEMC.

dBuV



CYBIKO
LINE: VB.

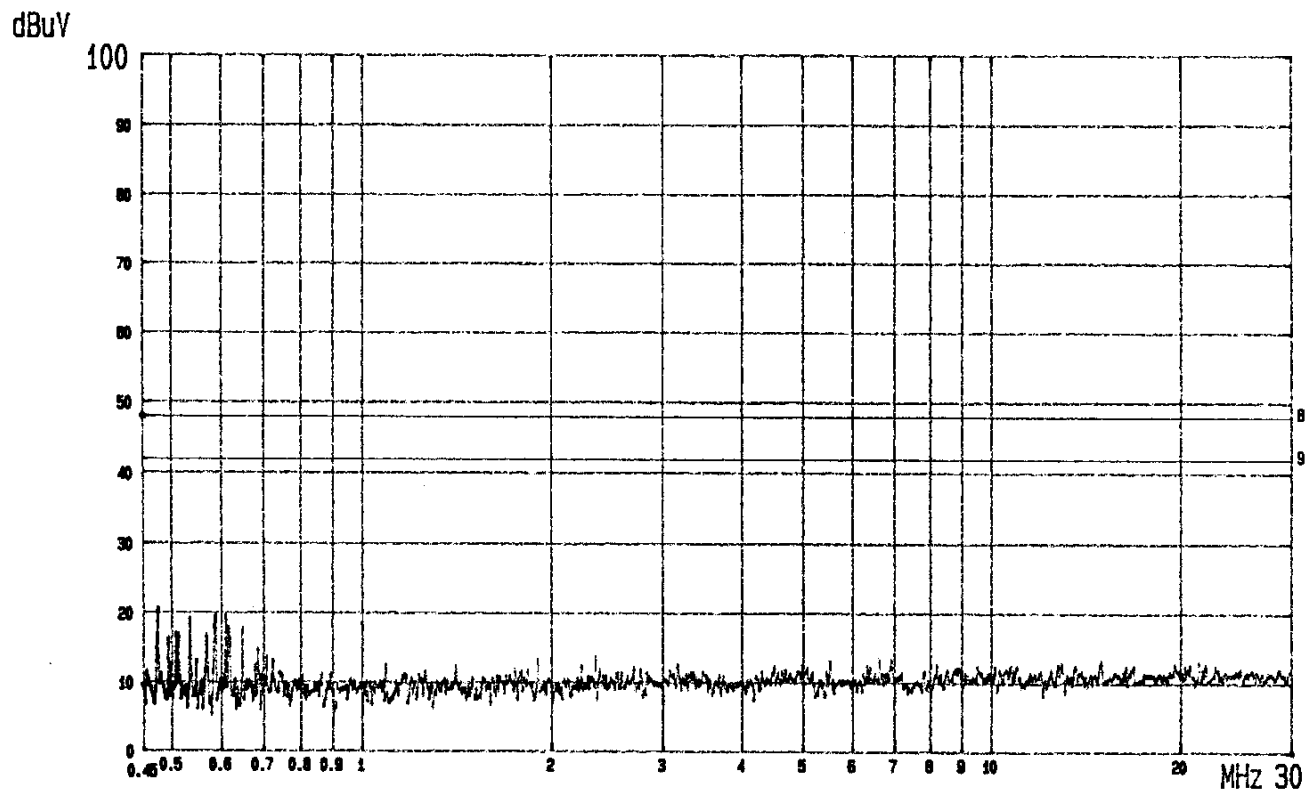
EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: RECEIVER

120V/60Hz PAGE: 07.
(PEAK VALUE) TTEMC.

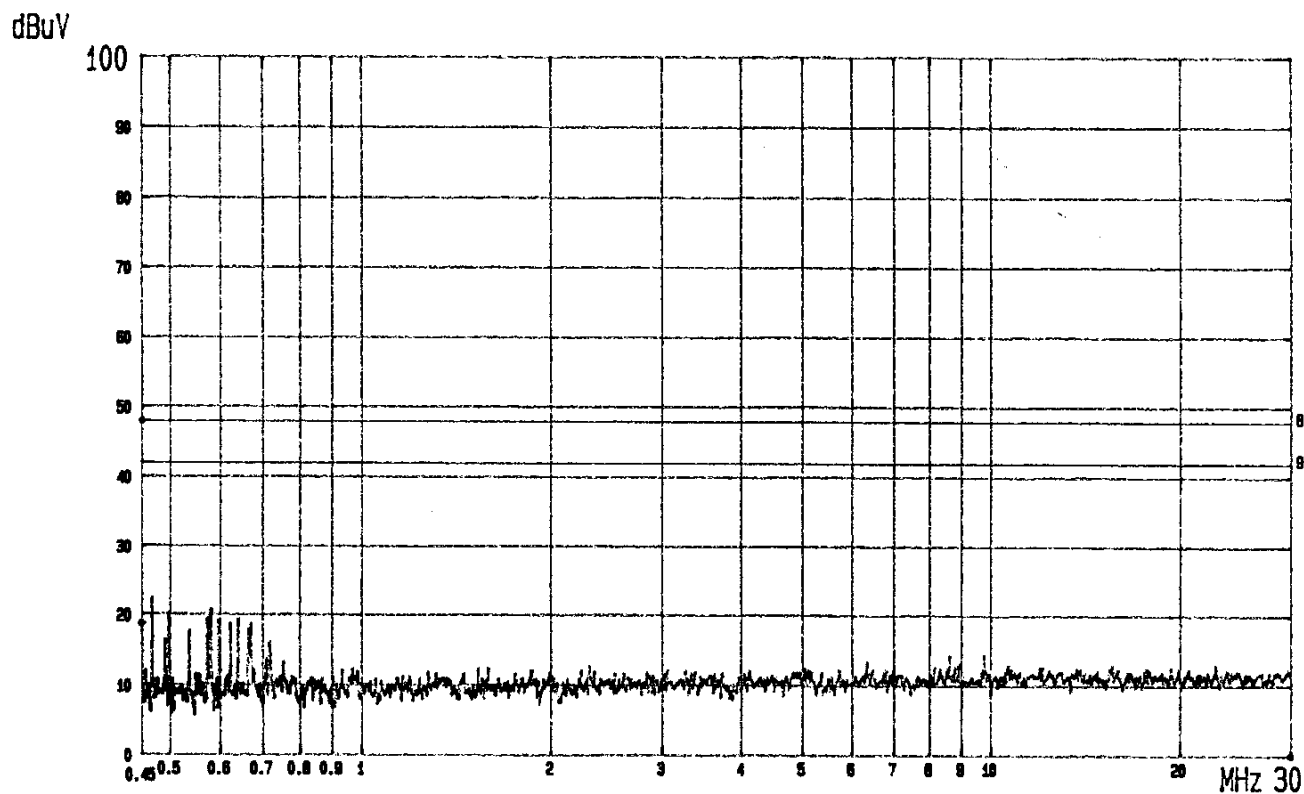
Date of Test	Jan. 20, 2000	Temperature	14.4
EUT	Wireless Entertainment System	Humidity	61
Test Mode	EUT Link PC		

Frequency (MHz)	Factor dB	Reading (dBμV)		Measurement (dBμV)		Limits (dBμV)	Margin dB	
		VA	VB	VA	VB		VA	VB
0.4748	0.5	*	18.5	*	19	48.0	*	29
0.4750	0.5	18.7	*	19.2	*	48.0	28.8	*
0.5297	0.5	*	16.4	*	16.9	48.0	*	31.1
0.5302	0.5	16.6	*	17.1	*	48.0	30.9	*
0.5894	0.5	16.9	*	17.4	*	48.0	30.6	*
0.5903	0.5	*	16.7	*	17.2	48.0	*	30.8
0.6125	0.5	15.8	*	16.3	*	48.0	31.7	*
0.6155	0.5	*	15.4	*	15.9	48.0	*	32.1
0.6508	0.5	15.1	*	15.6	*	48.0	32.4	*
0.6560	0.5	*	14.8	*	15.3	48.0	*	32.7
0.9396	0.5	11.2	*	11.7	*	48.0	36.3	*
0.407	0.5	*	10.8	*	11.3	48.0	*	36.7

- Remark
1. All reading are Quasi-Peak values.
 2. Factor = Insertion Loss + Cable Loss
 3. The worst emission was detected at 0.4750MHz with corrected signal level of 19.2dBμV (limit is 48dBμV) when the VA side of the EUT's power was connected to L.I.S.N.



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CYBIKO
LINE: VA.EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: PC LINK120V/60Hz PAGE: 06.
(PEAK VALUE) TTEMC.

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CYBIKO
LINE: VB.EUT: WIRELESS ENTERTAINMENT SYSTEM M/N: CY6411
MEMO: PC LINK120V/60Hz PAGE: 05.
(PEAK VALUE) TTEMC.

3. RADIATED EMISSION TEST

3.1. Test Equipment

The following test equipment are used during the radiated emission tests

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESVP	893202/001	May 13, 99'	1 Year
2.	Broadband Antenna	Schwarzbeck	BBA9106	A1L	Feb. 02, 99'	1 Year
3.	Broadband Antenna	Chase	UPA6109	1039	Feb. 02, 99'	1 Year
4.	Pre-Amplifier (above 1GHz)	HP	8449B	3008A00529	Jan.27, 99'	1 Year
5.	Spectrum Analyzer (above 1GHz)	HP	8593A	3212A01727	Jul. 29, 99'	1Year
6.	Double Ridge Horn. Antenna	EMCO	3115	9112-3775	Apr.03, 99'	1 Year

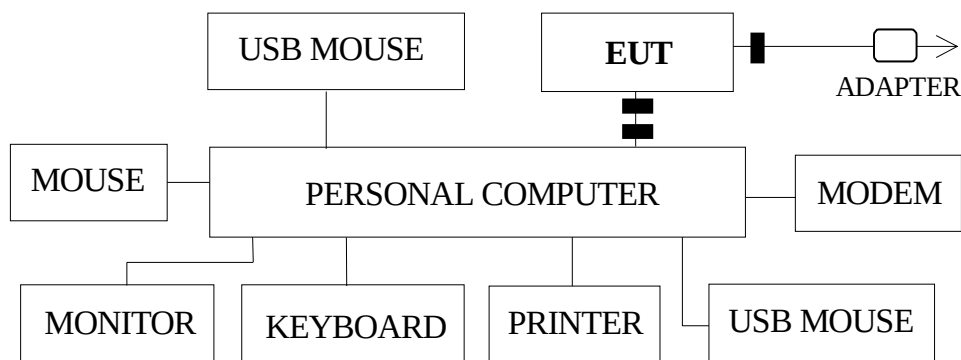
3.2. Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

(1) For EUT Only (Transmitting / Receiving Mode)



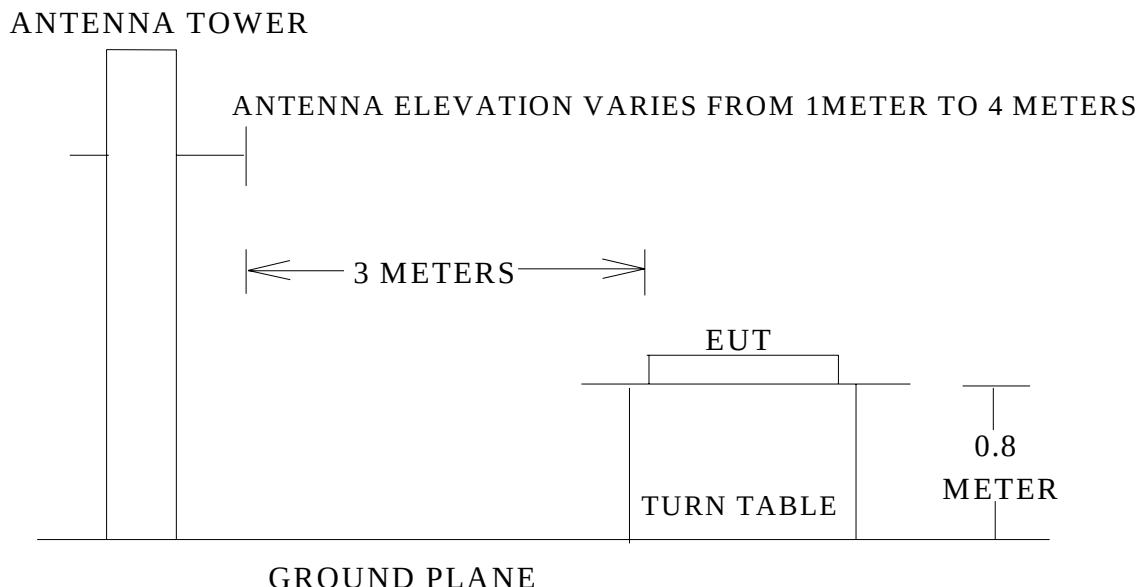
(2) For EUT Only (Transmitting / Receiving Mode)



EUT : WIRELESS ENTERTAINMENT SYSTEM

■ : FERRITE CORE

3.2.2. Open Field Test Site Setup Diagram (30MHz ~ 10GHz, 3m)



3.3. Radiation Limit (§15.249 & §15.109)

3.3.1. §15.249 Radiated Emission Limits (Transmitter, Part 15C)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		$\mu\text{V/M}$	$\text{dB}\mu\text{V/M}$
Fundamental Freq.	3	50000	93.97 (Quasi-Peak)
Harmonic Emission	3	500	73.97 (Peak)

Remark: (1) Emission level ($\text{dB}\mu\text{V/M}$) = $20 \log$ Emission level ($\mu\text{V/M}$)
 (2) For frequency above 1000MHz, the limits are based on average limits as description in §15.35(b), and the peak limits shall not exceed the maximum permitted average limits by more than 20dB under any condition of modulation as description in 15.249(b).

3.3.2. §15.109 Radiated Emission Limits (Receiver, Part 15B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		$\mu\text{V/M}$	$\text{dB}\mu\text{V/M}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

Remark (1) Emission level ($\text{dB}\mu\text{V/M}$) = $20 \log$ Emission level ($\mu\text{V/M}$)
 (2) The tighter limit applies at the edge between two frequency bands.
 (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. EUT's Configuration during Compliance Measurement

The configuration of EUT and its simulators were same as those used in conducted measurement. Please refer to 2.4.

3.5. Operating Condition of EUT

- 3.5.1. Setup the EUT as shown on 3.2
- 3.5.2. Turn on the power of all equipment.
- 3.5.3. Transmitting Mode: It is made to transmitting situation when measure the field strength. There are 3 positions (Stand Side Lie) to measure and transmitted signal is carrier only.
- 3.5.4. Receiving Mode: It is made to receiving situation when measure the field strength.
- 3.5.5. Link PC: Setup the EUT to link personal computer. The EUT sent out message (Word or Graphic) to personal computer continually.
(The testing program is provided by applicant)

3.6. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. For 30MHz to 10GHz frequency range, EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. The antenna moved up and down between 1 to 4 meters for 30MHz to 10GHz frequency range to find out the maximum emission level. Broadband antenna such as calibrated biconical and log- periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4-1992 regulation.

The bandwidth of test receiver was set at 120KHz and resolution bandwidth of spectrum analyzer was set at 1MHz.

The frequency range from 30MHz to 10GHz was checked.

EUT with eight kinds of test modes were during radiated measurement and all the test results are listed in section 3.8.

The details of test modes are as follows:

- (1) EUT on Stand, Transmitting Mode (Channel 1: 903.2MHz)
- (2) EUT on Side, Transmitting Mode (Channel 1: 903.2MHz)
- (3) EUT on Lie, Transmitting Mode (Channel 1: 903.2MHz)
- (4) EUT on Stand, Transmitting Mode (Channel 60: 926.8MHz)
- (5) EUT on Side, Transmitting Mode (Channel 60: 926.8MHz)
- (6) EUT on Lie, Transmitting Mode (Channel 60: 926.8MHz)
- (7) Receiving Mode
- (8) EUT Link PC

3.7. Test Results

PASSED. Please refer to the following pages.

3.8. Radiated Emission Noise Measurement Results

The frequency spectrum from 30 MHz to 10GHz is investigated. All the emissions not reported below are too low against the FCC part 15 subpart C limit.

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Stand, Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dB μ V	RF Voltage Horizontal dB μ V/m	Limits dB μ V/m

Fundamental Freq. (Quasi-Peak Values)						
903.20	22.59	6.26	00.00	58.40	87.25	93.97
Harmonic (Peak Values)						
1806.00	26.48	5.41	32.84	45.12	44.17	73.97
2709.00	29.29	6.67	32.77	36.43	39.62	73.97
3613.00	31.72	7.98	32.48	33.91	41.13	73.97
4516.00	32.13	8.91	32.58	34.48	42.94	73.97
5419.00	34.25	9.94	32.95	33.68	44.92	73.97
6322.00	34.12	11.38	33.16	33.78	46.12	73.97
7225.00	35.78	11.67	33.21	34.25	48.49	73.97
8129.00	36.64	11.94	33.07	35.60	51.11	73.97
9032.00	37.80	12.17	33.26	34.79	51.50	73.97
9935.00	38.05	13.19	33.25	35.28	53.27	73.97

- | | |
|--------|---|
| Remark | 1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values. |
| | 2. Measurement up to 10th harmonic (9GHz). |

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Stand, Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBμV	RF Voltage Vertical dBμV/m	Limits dBμV/m
Fundamental Freq. (Quasi-Peak Values)						
903.20	23.03	6.26	00.00	62.70	91.99	93.97
Harmonic (Peak Values)						
1806.00	26.48	5.41	32.84	46.23	45.08	73.97
2709.00	29.29	6.67	32.77	37.04	40.23	73.97
3613.00	31.72	7.98	32.48	34.12	41.34	73.97
4516.00	32.13	8.91	32.58	34.02	42.48	73.97
5419.00	34.25	9.94	32.95	34.33	45.57	73.97
6322.00	34.12	11.38	33.16	34.35	46.69	73.97
7225.00	35.78	11.67	33.21	34.25	48.49	73.97
8129.00	36.64	11.94	33.07	35.77	51.28	73.97
9032.00	37.80	12.17	33.26	34.82	51.53	73.97
9935.00	38.05	13.19	33.25	35.03	53.02	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (9GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Side, Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dB μ V	RF Voltage Horizontal dB μ V/m	Limits dB μ V/m

Fundamental Freq. (Quasi-Peak Values)						
903.20	22.59	6.26	00.00	54.00	82.85	93.97
Harmonic (Peak Values)						
1806.00	26.48	5.41	32.84	48.62	47.67	73.97
2709.00	29.29	6.67	32.77	42.24	45.43	73.97
3613.00	31.72	7.98	32.48	34.10	41.32	73.97
4516.00	32.13	8.91	32.58	34.60	43.06	73.97
5419.00	34.25	9.94	32.95	33.87	45.11	73.97
6322.00	34.12	11.38	33.16	33.44	45.78	73.97
7225.00	35.78	11.67	33.21	34.56	48.80	73.97
8129.00	36.64	11.94	33.07	35.91	51.42	73.97
9032.00	37.80	12.17	33.26	35.70	52.41	73.97
9935.00	38.05	13.19	33.25	35.47	53.46	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (9GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Side, Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBμV	RF Voltage Vertical dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
903.20	23.03	6.26	00.00	56.00	85.29	93.97
Harmonic (Peak Values)						
1806.00	26.48	5.41	32.84	45.53	44.58	73.97
2709.00	29.29	6.67	32.77	36.49	39.68	73.97
3612.00	31.72	7.98	32.48	34.17	41.39	73.97
4516.00	32.13	8.91	32.58	34.12	42.58	73.97
5419.00	34.25	9.94	32.95	33.71	44.95	73.97
6322.00	34.12	11.38	33.16	33.54	45.88	73.97
7225.00	35.78	11.67	33.21	34.65	48.89	73.97
8128.00	36.64	11.94	33.07	36.24	51.75	73.97
9032.00	37.80	12.17	33.26	35.26	51.97	73.97
9935.00	38.05	13.19	33.25	34.72	52.71	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (9GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Lie, Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dBμV	RF Voltage Horizontal dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
903.20	22.59	6.26	00.00	58.70	87.55	93.97
Harmonic (Peak Values)						
1806.00	26.48	5.41	32.84	44.00	43.05	73.97
2709.00	29.29	6.67	32.77	36.73	39.92	73.97
3612.00	31.72	7.98	32.48	33.39	40.61	73.97
4516.00	32.13	8.91	32.58	34.39	42.85	73.97
5419.00	34.25	9.94	32.95	33.52	44.76	73.97
6322.00	34.12	11.38	33.16	33.94	46.28	73.97
7225.00	35.78	11.67	33.21	34.28	48.52	73.97
8128.00	36.64	11.94	33.07	35.74	51.25	73.97
9032.00	37.80	12.17	33.26	34.85	51.56	73.97
9935.00	38.05	13.19	33.25	34.97	52.96	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (9GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Lie, Transmitting Mode		
Fundamental Frequency	903.2MHz (Channel: 1)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBμV	RF Voltage Vertical dBμV/m	Limits dBμV/m
Fundamental Freq. (Quasi-Peak Values)						
903.20	23.03	6.26	00.00	58.00	87.29	93.97
Harmonic (Peak Values)						
1806.00	26.48	5.41	32.84	47.25	46.30	73.97
2709.00	29.29	6.67	32.77	37.06	40.25	73.97
3612.00	31.72	7.98	32.48	33.53	40.75	73.97
4516.00	32.13	8.91	32.58	33.97	42.43	73.97
5419.00	34.25	9.94	32.95	34.05	45.29	73.97
6322.00	34.12	11.38	33.16	33.64	45.98	73.97
7225.00	35.78	11.67	33.21	33.83	48.07	73.97
8128.00	36.64	11.94	33.07	35.34	50.85	73.97
9032.00	37.80	12.17	33.26	34.35	51.06	73.97
9935.00	38.05	13.19	33.25	34.80	52.79	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (9GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Stand, Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dBμV	RF Voltage Horizontal dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
926.80	23.07	6.24	00.00	54.20	83.51	93.97
Harmonic (Peak Values)						
1853.00	26.56	5.49	32.80	44.41	43.66	73.97
2780.00	29.61	6.77	32.78	44.42	48.02	73.97
3707.00	31.93	8.13	32.44	42.35	49.97	73.97
4634.00	32.47	9.07	32.64	43.45	52.35	73.97
5560.00	34.39	10.13	32.99	41.60	53.13	73.97
6487.00	34.02	11.55	33.18	42.33	54.72	73.97
7414.00	36.55	11.75	33.16	42.47	57.61	73.97
8341.00	36.89	12.06	33.12	44.45	60.28	73.97
9268.00	37.75	12.46	33.26	42.30	59.25	73.97
10194.00	38.14	13.36	32.23	43.20	62.47	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (10GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Stand, Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBμV	RF Voltage Vertical dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
926.80	23.57	6.24	00.00	63.50	93.31	93.97
Harmonic (Peak Values)						
1853.00	26.56	5.49	32.80	45.96	45.20	73.97
2780.00	29.61	6.77	32.78	43.90	47.50	73.97
3707.00	31.93	8.13	32.44	41.43	49.06	73.97
4634.00	32.47	9.07	32.64	41.95	50.84	73.97
5560.00	34.39	10.13	32.99	41.74	53.27	73.97
6487.00	34.02	11.55	33.18	42.31	54.70	73.97
7414.00	36.55	11.75	33.16	42.84	57.98	73.97
8340.00	36.89	12.06	33.12	43.33	59.16	73.97
9267.00	37.75	12.46	33.26	43.12	60.08	73.97
10194.00	38.14	13.36	32.23	42.92	62.19	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (10GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Side, Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dBμV	RF Voltage Horizontal dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
926.80	23.07	6.24	00.00	63.60	92.91	93.97
Harmonic (Peak Values)						
1853.00	26.56	5.49	32.80	47.37	46.62	73.97
2780.00	29.61	6.77	32.78	43.85	47.45	73.97
3707.00	31.93	8.13	32.44	42.09	49.71	73.97
4634.00	32.47	9.07	32.64	42.97	51.87	73.97
5560.00	34.39	10.13	32.99	40.95	52.48	73.97
6487.00	34.02	11.55	33.18	42.29	54.68	73.97
7414.00	36.55	11.75	33.16	42.77	57.91	73.97
8341.00	36.89	12.06	33.12	43.69	59.52	73.97
9268.00	37.75	12.46	33.26	42.99	59.94	73.97
10194.00	38.14	13.36	32.23	42.69	61.96	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (10GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Side, Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBμV	RF Voltage Vertical dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
926.80	23.57	6.24	00.00	55.50	85.31	93.97
Harmonic (Peak Values)						
1853.00	26.56	5.49	32.80	45.18	44.43	73.97
2780.00	29.61	6.77	32.78	45.00	48.60	73.97
3707.00	31.93	8.13	32.44	41.23	48.85	73.97
4634.00	32.47	9.07	32.64	41.67	50.57	73.97
5560.00	34.39	10.13	32.99	41.22	52.75	73.97
6487.00	34.02	11.55	33.18	42.52	54.91	73.97
7414.00	36.55	11.75	33.16	41.44	56.58	73.97
8341.00	36.89	12.06	33.12	43.02	58.85	73.97
9280.00	37.75	12.46	33.26	42.95	59.90	73.97
10194.00	38.14	13.36	32.23	42.45	61.72	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (10GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Lie, Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dBμV	RF Voltage Horizontal dBμV/m	Limits dBμV/m
Fundamental Freq. (Quasi-Peak Values)						
926.80	23.07	6.24	00.00	63.60	92.91	93.97
Harmonic (Peak Values)						
1853.00	26.56	5.49	32.80	43.56	42.81	73.97
2780.00	29.61	6.77	32.78	44.64	48.24	73.97
3707.00	31.93	8.13	32.44	42.50	50.12	73.97
4633.00	32.47	9.07	32.64	42.25	51.15	73.97
5560.00	34.39	10.13	32.99	42.32	53.85	73.97
6487.00	34.02	11.55	33.18	42.53	54.92	73.97
7414.00	36.55	11.75	33.16	42.71	57.85	73.97
8341.00	36.89	12.06	33.12	43.62	59.45	73.97
9267.00	37.75	12.46	33.26	43.29	60.24	73.97
10194.00	38.14	13.36	32.23	42.08	61.35	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (10GHz).

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT on Lie, Transmitting Mode		
Fundamental Frequency	926.8MHz (Channel: 60)		

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBμV	RF Voltage Vertical dBμV/m	Limits dBμV/m

Fundamental Freq. (Quasi-Peak Values)						
926.80	23.57	6.24	00.00	54.10	83.91	93.97
Harmonic (Peak Values)						
1853.00	26.56	5.49	32.80	46.43	45.68	73.97
2780.00	29.61	6.77	32.78	46.03	49.63	73.97
3707.00	31.93	8.13	32.44	41.67	49.29	73.97
4634.00	32.47	9.07	32.64	42.11	51.01	73.97
5560.00	34.39	10.13	32.99	41.32	52.85	73.97
6487.00	34.02	11.55	33.18	41.67	54.06	73.97
7414.00	36.55	11.75	33.16	42.09	57.23	73.97
8341.00	36.89	12.06	33.12	43.25	59.08	73.97
9280.00	37.75	12.46	33.26	43.26	60.21	73.97
10194.00	38.14	13.36	32.23	43.57	62.84	73.97

- Remark
1. Readings below 1000MHz are Quasi-Peak values, and which above 1000MHz are Peak values.
 2. Measurement up to 10th harmonic (10GHz).

The frequency spectrum from 30 MHz to 9GHz is investigated. All the emissions not reported below are too low against the FCC part 15 subpart B limit.

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	Receiving Mode		

Antenna Cable		Meter Reading		Emission Level		Limits	Margin
Frequency	Factor	Loss	Horizontal	Horizontal			
MHz	dB/m	dB	dB μ V	dB μ V/m		dB μ V/m	dB
42.945	21.49	1.45	- 6.11	16.83	40.00	23.17	
85.898	14.18	1.88	0.83	16.89	40.00	23.11	
114.565	18.82	2.06	4.60	25.48	43.50	18.02	
128.856	19.86	2.17	1.75	23.78	43.50	19.72	
143.768	20.36	2.30	2.03	24.69	43.50	18.81	
165.885	21.46	2.56	- 1.07	22.95	43.50	20.55	
188.000	21.98	2.82	0.08	24.88	43.50	18.62	
221.190	22.85	3.04	2.84	28.73	46.00	17.27	
237.796	23.47	3.20	4.29	30.96	46.00	15.04	
243.311	23.62	3.20	1.38	28.20	46.00	17.80	
287.539	24.87	3.59	1.25	29.71	46.00	16.29	
309.671	13.66	3.60	14.00	31.26	46.00	14.74	
331.797	14.86	3.64	10.09	28.59	46.00	17.41	
376.095	15.69	3.96	7.20	26.85	46.00	19.15	
420.267	15.78	4.09	8.00	27.87	46.00	18.13	
453.445	16.38	4.35	5.89	26.62	46.00	19.38	
530.861	17.96	4.82	3.91	26.69	46.00	19.31	
641.457	20.02	5.18	4.20	29.40	46.00	16.60	
884.644	22.79	6.13	4.80	33.72	46.00	12.28	

- | | |
|--------|--|
| Remark | <ol style="list-style-type: none"> 1. All readings are Quasi-Peak values. 2. Measurement up to 10th harmonic (9GHz) but the emissions level above 1GHz were too low against the official limit and not reported. |
|--------|--|

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	Receiving Mode		

Antenna Cable		Meter Reading		Emission Level		Limits	Margin
Frequency	Factor	Loss	Vertical	Vertical			
MHz	dB/m	dB	dBμV	dBμV/m		dBμV/m	dB
85.902	14.48	1.88	7.68	24.04	40.00	15.96	
114.556	16.50	2.06	11.56	30.12	43.50	13.38	
128.856	18.97	2.17	9.86	31.00	43.50	12.50	
193.550	20.89	2.94	7.97	31.80	43.50	11.70	
199.091	22.13	2.94	4.66	29.73	43.50	13.77	
215.648	23.51	3.00	6.26	32.77	43.50	10.73	
221.184	22.85	3.04	8.08	33.97	46.00	12.03	
232.257	23.15	3.16	10.20	36.51	46.00	9.49	
237.792	22.83	3.20	10.50	36.53	46.00	9.47	
265.416	24.86	3.31	5.04	33.21	46.00	12.79	
298.598	26.32	3.61	- 3.37	26.56	46.00	19.44	
309.673	13.80	3.60	10.00	27.40	46.00	18.60	
320.730	13.97	3.62	8.40	25.99	46.00	20.01	
364.968	14.75	3.94	5.00	23.69	46.00	22.31	
420.267	15.71	4.09	6.90	26.70	46.00	19.30	
508.684	17.60	4.57	0.40	22.57	46.00	23.43	
552.982	18.17	4.67	1.30	24.14	46.00	21.86	
619.345	18.89	4.91	- 1.40	22.40	46.00	23.60	
873.628	22.02	6.11	- 0.50	27.63	46.00	18.37	

- | | |
|--------|--|
| Remark | 1. All readings are Quasi-Peak values. |
| | 2. Measurement up to 10th harmonic (9GHz) but the emissions level above 1GHz were too low against the official limit and not reported. |

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT Link PC		

Antenna Cable		Meter Reading		Emission Level		Limits	Margin
Frequency	Factor	Loss	Horizontal	Horizontal			
MHz	dB/m	dB	dBμV	dBμV/m		dBμV/m	dB
42.945	21.49	1.45	- 1.11	21.83	40.00	18.17	
85.898	14.18	1.88	6.83	22.89	40.00	17.11	
114.565	18.82	2.06	10.60	31.48	43.50	12.02	
128.856	19.86	2.17	7.75	29.78	43.50	13.72	
143.768	20.36	2.30	3.03	25.69	43.50	17.81	
165.885	21.46	2.56	0.93	24.95	43.50	18.55	
188.000	21.98	2.82	2.08	26.88	43.50	16.62	
221.190	22.85	3.04	4.84	30.73	46.00	15.27	
237.796	23.47	3.20	7.29	33.96	46.00	12.04	
243.311	23.62	3.20	4.38	31.20	46.00	14.80	
287.539	24.87	3.59	3.25	31.71	46.00	14.29	
309.671	13.66	3.60	16.00	33.26	46.00	12.74	
331.797	14.86	3.64	10.09	28.59	46.00	17.41	
376.095	15.69	3.96	9.20	28.85	46.00	17.15	
420.267	15.78	4.09	9.00	28.87	46.00	17.13	
453.445	16.38	4.35	7.89	28.62	46.00	17.38	
530.861	17.96	4.82	5.91	28.69	46.00	17.31	
641.457	20.02	5.18	6.20	31.40	46.00	14.60	
*884.644	22.79	6.13	6.80	35.72	46.00	10.28	

- Remark:
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 884.644MHz with corrected signal level of 35.72dBμV/m (limit was 46.0dBμV/m) when the antenna was at horizontal polarization and was at 3.5m high and the turn table was at 225°
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Date of Test	Jan. 20, 2000	Temperature	15
EUT	Wireless Entertainment System	Humidity	65
Test Mode	EUT Link PC		

Antenna Cable		Meter Reading		Emission Level		Limits	Margin
Frequency	Factor	Loss	Vertical	Vertical			
MHz	dB/m	dB	dBμV	dBμV/m		dBμV/m	dB
85.902	14.48	1.88	10.68	27.04	40.00	12.96	
114.556	16.50	2.06	18.56	37.12	43.50	6.38	
128.856	18.97	2.17	12.86	34.00	43.50	9.50	
193.550	20.89	2.94	10.97	34.80	43.50	8.70	
199.091	22.13	2.94	7.66	32.73	43.50	10.77	
215.648	23.51	3.00	9.26	35.77	43.50	7.73	
221.184	22.85	3.04	11.08	36.97	46.00	9.03	
232.257	23.15	3.16	14.20	40.51	46.00	5.49	
*237.792	22.83	3.20	14.50	40.53	46.00	5.47	
265.416	24.86	3.31	8.04	36.21	46.00	9.79	
298.598	26.32	3.61	2.63	32.56	46.00	13.44	
309.673	13.80	3.60	14.00	31.40	46.00	14.60	
320.730	13.97	3.62	11.40	28.99	46.00	17.01	
364.968	14.75	3.94	5.00	23.69	46.00	22.31	
420.267	15.71	4.09	8.90	28.70	46.00	17.30	
508.684	17.60	4.57	2.40	24.57	46.00	21.43	
552.982	18.17	4.67	1.30	24.14	46.00	21.86	
619.345	18.89	4.91	- 2.40	21.40	46.00	24.60	
873.628	22.02	6.11	1.50	29.63	46.00	16.37	

- Remark:
1. All readings are Quasi-Peak values.
 2. The worst emission was detected at 237.792MHz with corrected signal level of 40.53dBμV/m (limit was 46.0dBμV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 45°
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

4. DEVIATIONS TO TEST SPECIFICATIONS

NONE

5. PHOTOGRAPHS

5.1. Photos of Powerline Conducted Measurement

Test Mode: EUT Only

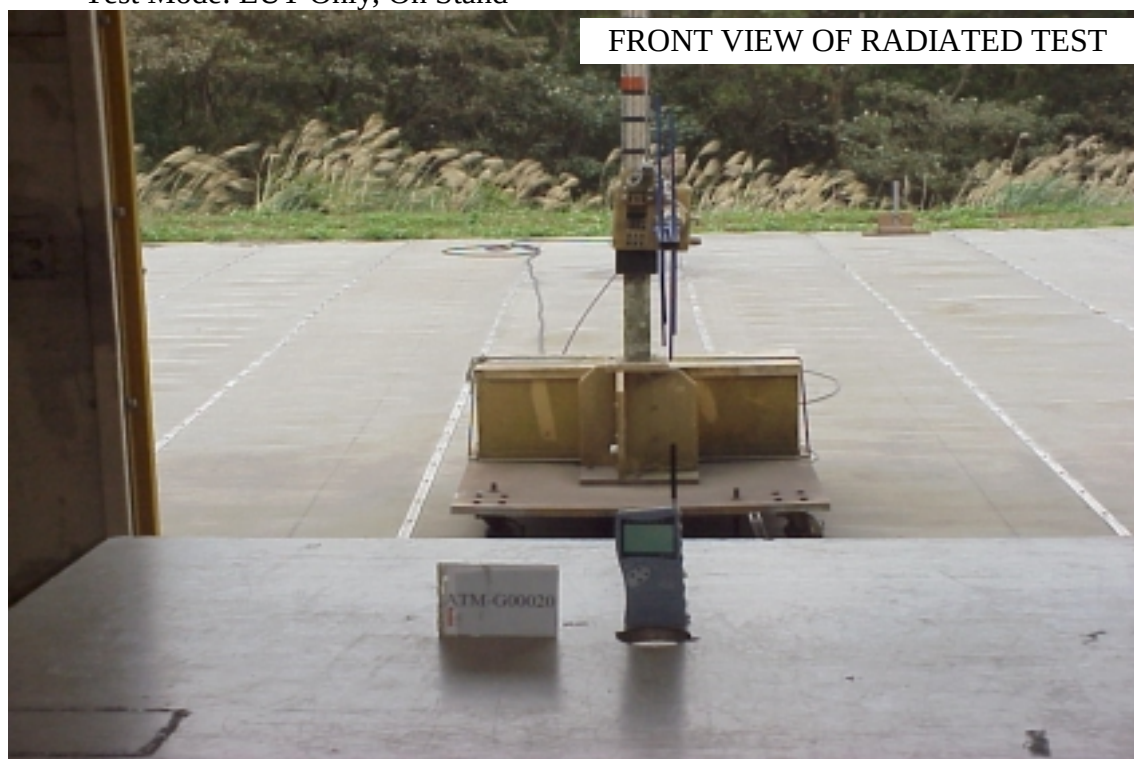


Test Mode: EUT Link PC

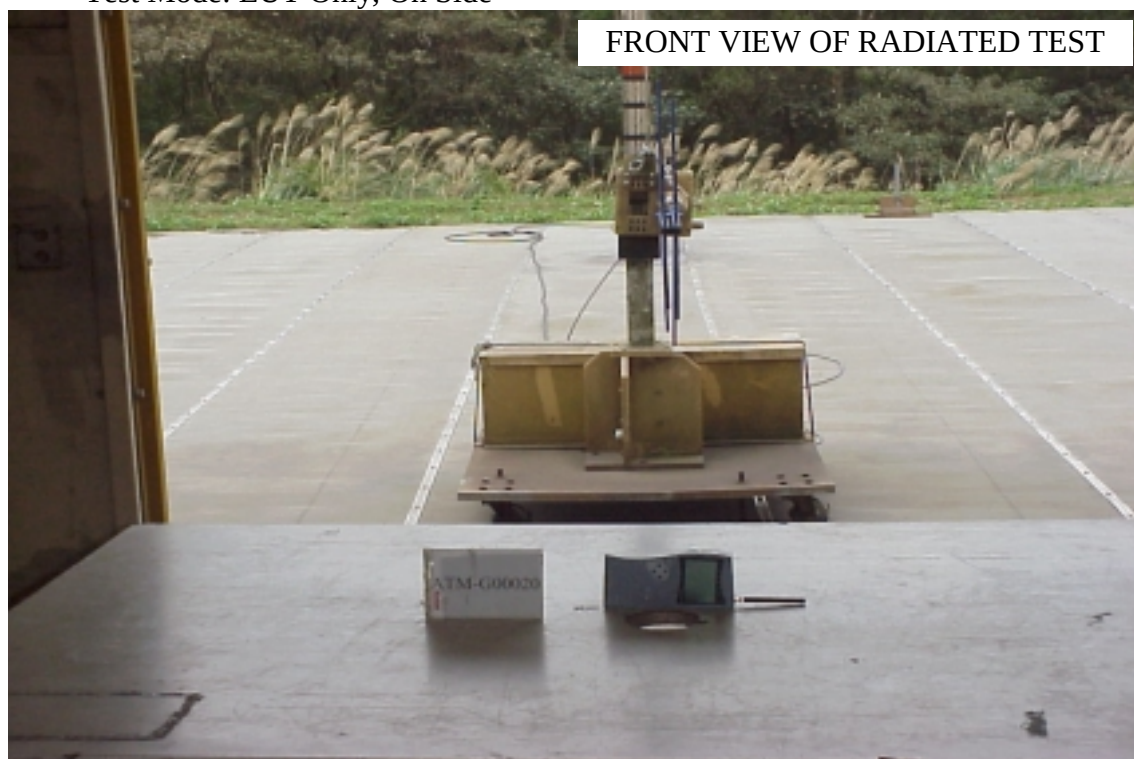


5.2. Photos of Radiated Measurement at Open Field Test Site (30~1000MHz)

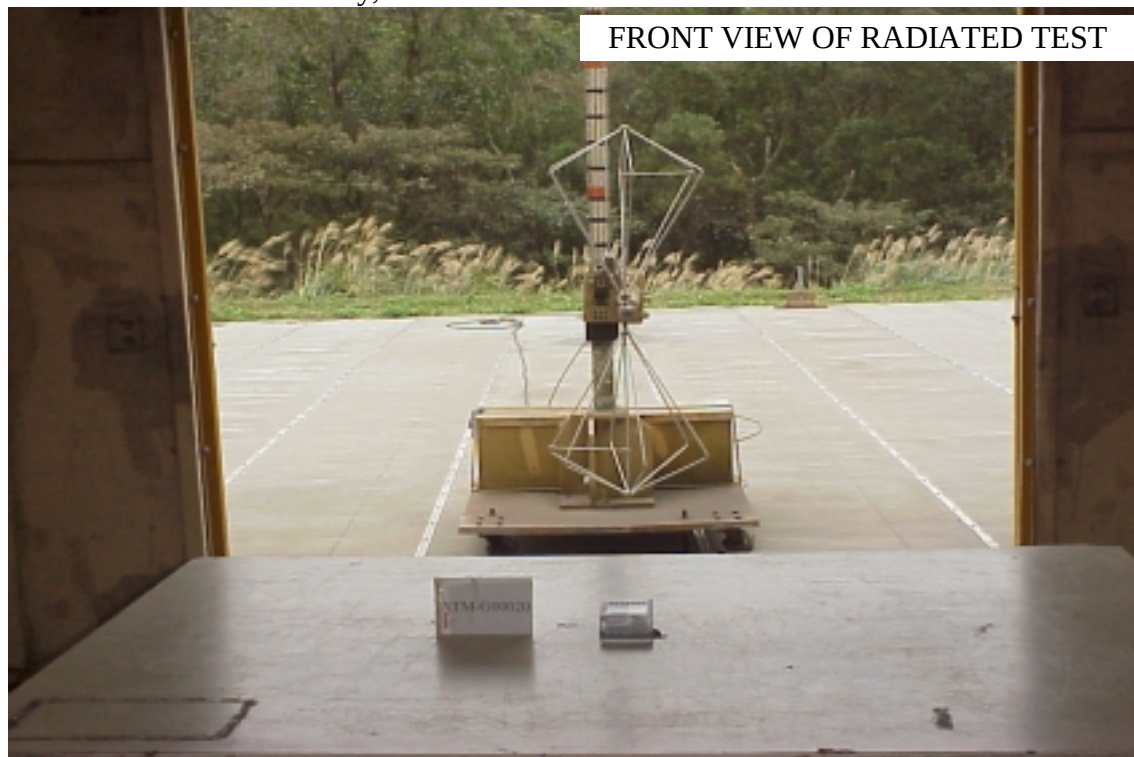
Test Mode: EUT Only, On Stand



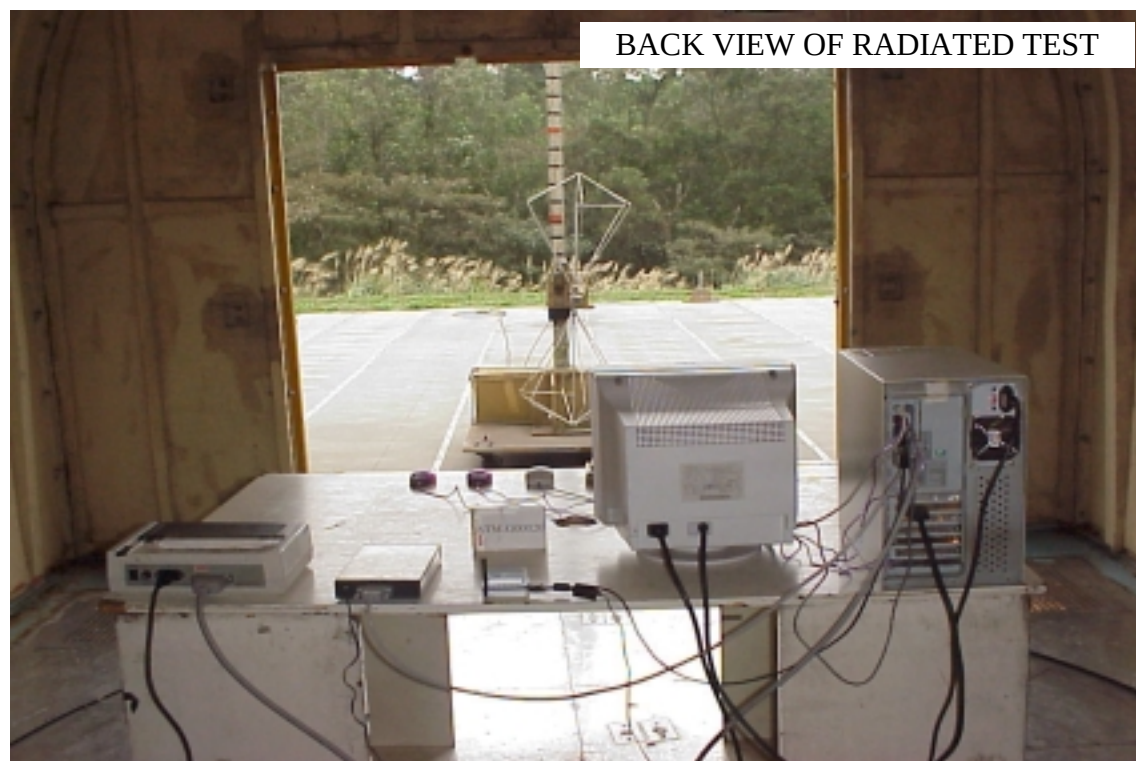
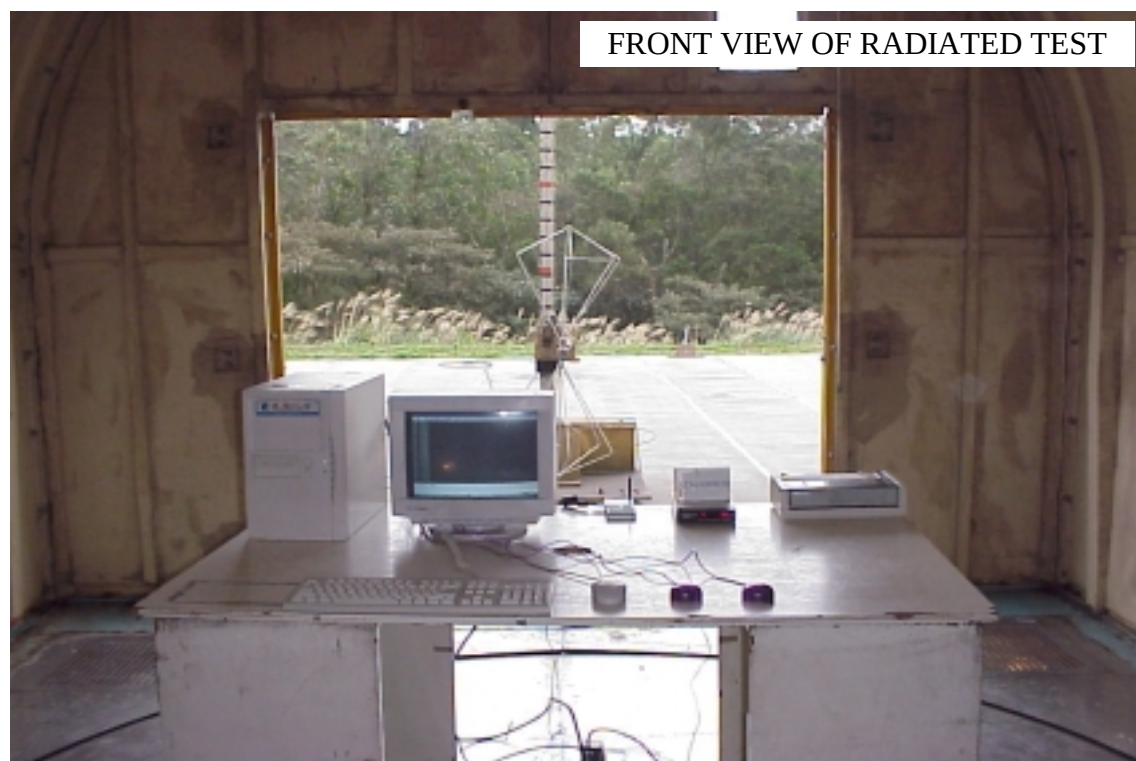
Test Mode: EUT Only, On Side



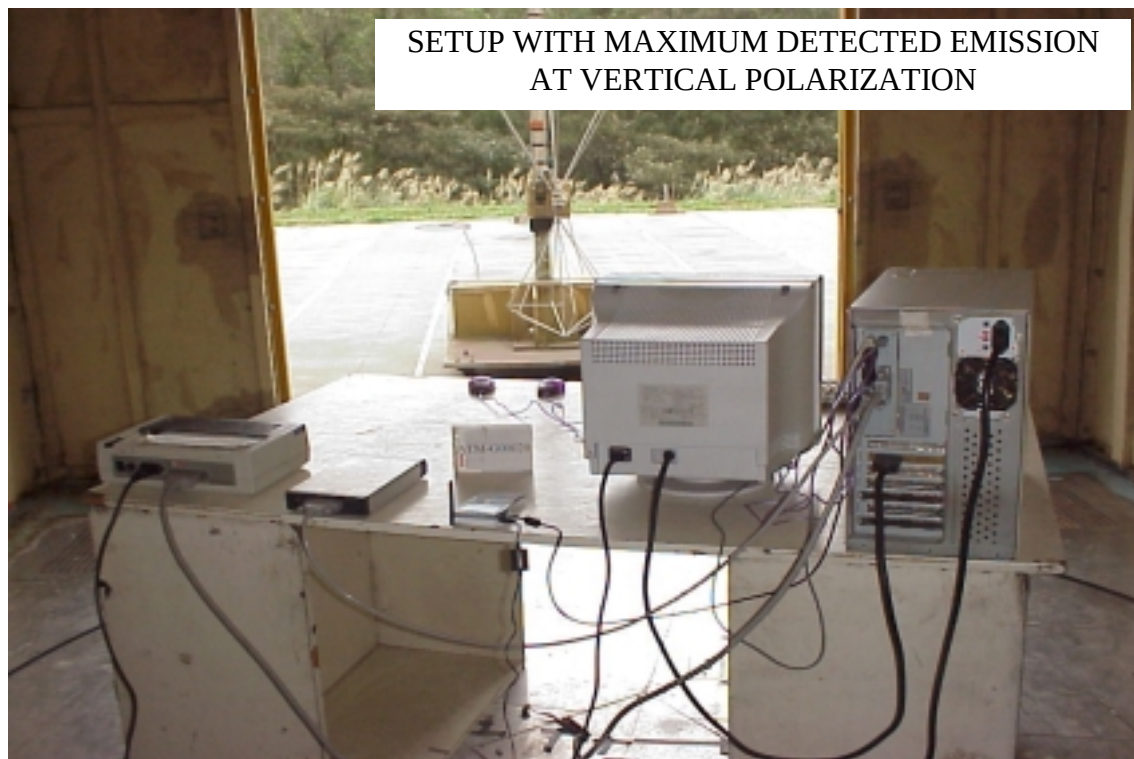
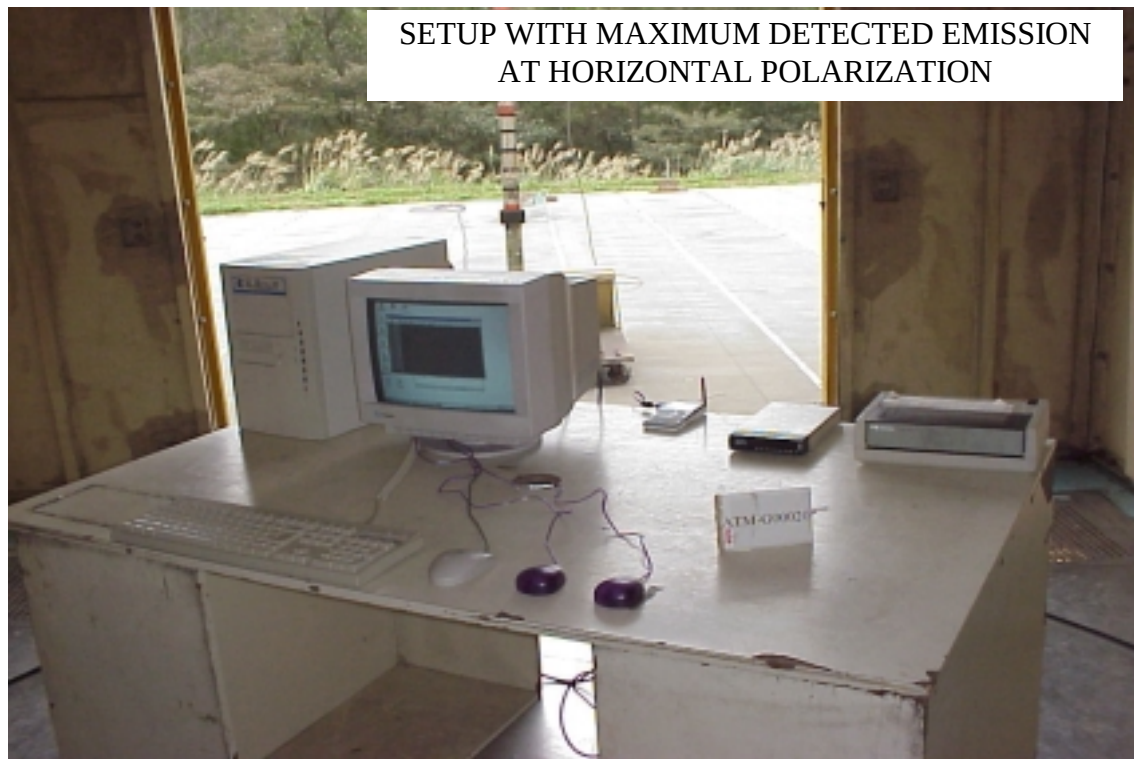
Test Mode: EUT Only, On Lie



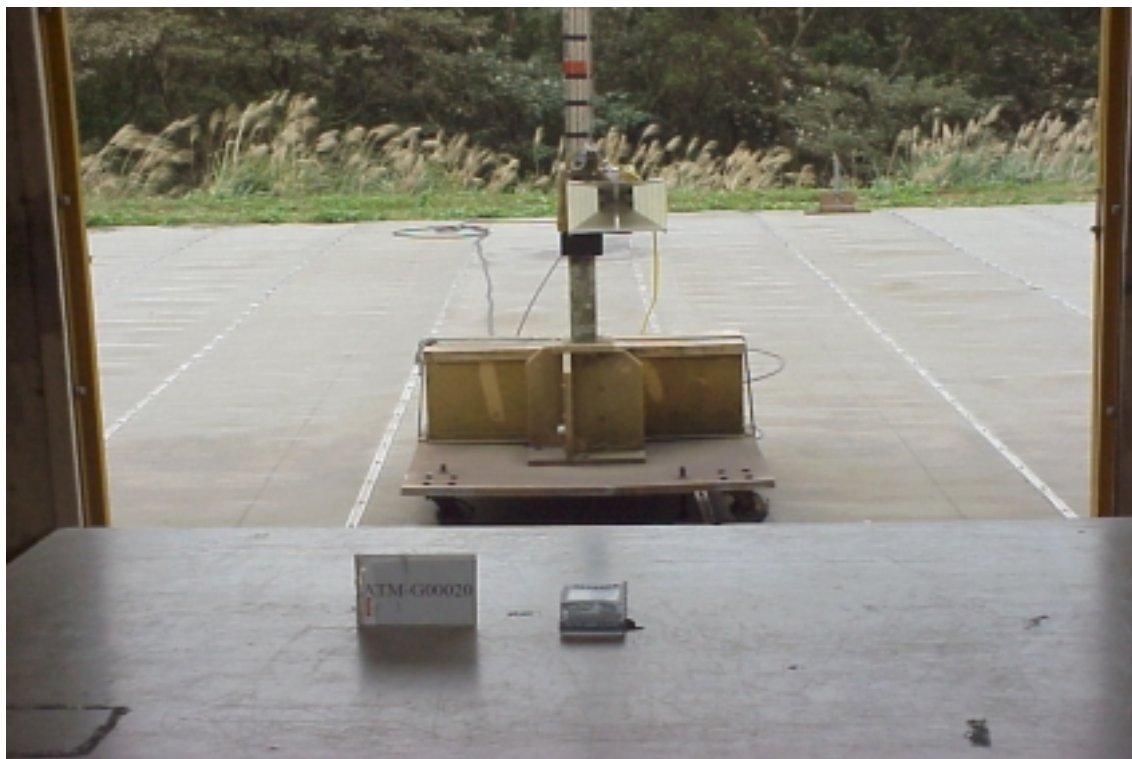
Test Mode: EUT Link PC



Test Mode: EUT Link PC



5.3. Photos of Radiated Measurement at Open Field Test Site (Above 1GHz)



APPENDIX

Shape of Fundamental Frequency

(Total Page: 1)

