APPLICATION FOR CERTIFICATION
On Behalf of
Radio Station Technology Co., Ltd.
RF Wireless Easy Mouse
(Superheterodyne Receiver)

Model : RFM001R

FCC ID：PBHRFM001R

Prepared for : Radio Station Technology Co., Ltd.
No. 21, Jen-Shyan Street, San-Chung City,
Taipei, Taiwan, R.O.C.

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-G01080
Report Number	:	TTEMC-F20117
Date of Test	:	Oct. 30 / Nov. 02, 2000
Date of Report	:	Nov. 06, 2000

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TEST REPORT CERTIFICATION

Applicant	:	Radio Station Technology Co., Ltd.
Manufacturer	:	Radio Station Technology Co., Ltd.
FCC ID	:	PBHRFM001R
EUT Description	:	RF Wireless Easy Mouse (Superheterodyne Receiver)
		(A) MODEL NO. ：RFM001R
		(B) SERIAL NO. ：N/A
		(C) POWER SUPPLY ：AC 120V/60Hz (Via PC)

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART B & C, APPRIL 1999
AND FCC / ANSI C63.4-1992
(FCC CFR47 Part 15B, §15.107、§15.109 and Part 15C, §15.209)

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 : Oct. 30 / Nov. 02, 2000

Prepared by : _____
(CHERRY WANG)

Test Engineer : _____
(ALLEN WANG)

Approve & Authorized Signer : _____
(JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	RF Wireless Easy Mouse (Superheterodyne Receiver)
Model Number	:	RFM001R
FCC ID	:	PBHRFM001R
Applicant	:	Radio Station Technology Co., Ltd. No. 21, Jen-Shyan Street, San-Chung City, Taipei, Taiwan, R.O.C.
Manufacturer	:	Radio Station Technology Co., Ltd. No. 21, Jen-Shyan Street, San-Chung City, Taipei, Taiwan, R.O.C.
RF Operation Frequency	:	Channel 1: 27.0525MHz Channel 2: 27.1875MHz
PS/2 Signal Cable (Connected to PC)	:	Non-Shielded, Undetachabl, 1.5m
Date of Receipt of Sample	:	Oct. 23, 2000
Date of Test	:	Oct. 30 / Nov. 02, 2000

Remark:
The EUT is a Radio Wireless 3D Mouse's receiver device. The receiver has a PS/2 port, it was connected to personal computer.

1.2. Tested Supporting System Details

1.2.1. RF WIRELESS EASY MOUSE (TRANSMITTER)

Model Number	:	RFM001T
Serial Number	:	N/A
FCC ID	:	PBHRFM001T
Manufacturer	:	Radio Station Technology Co., Ltd.

1.2.2. PERSONAL COMPUTER

Mother Board	:	ASUS(Intel 815), M/N CUSL2, S/N 07Z7Y31475, FCC by DoC
CPU	:	Intel Pentium III 667MHz
RAM	:	128MB (PC-133)
Case	:	Enlight, M/N EN-7105A
S.P.S.	:	FSP, M/N FSP250-60PFN S/N S00769632, BSMI ID. 3892B514
Floppy Driver 3.5”	:	Mitsumi, M/N D353M3, S/N 0G04JT1209
Hard Disk Driver	:	Seagate, M/N ST34321A, S/N VT193713
CD-ROM	:	A Open, M/N 952E/AKH (52X) S/N 001120WG28-12
VGA Card	:	CP, M/N CM64A, S/N C05E168246 FCC by DoC
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.3. COLOR MONITOR

Model Number	:	CM752ET
Serial Number	:	T8E004372
FCC ID	:	By DoC
Manufacturer	:	Hitachi
Data Cable	:	Shielded, Detachable, 1.8m
Power Cord	:	Non-Shielded, Detachable, 1.5m

1.2.4. KEYBOARD

Model Number	:	5121
Serial Number	:	J83300815
FCC ID	:	E5XKBM104M10UC
Manufacturer	:	Behavior Tech Computer Corp.
Data Cable	:	Shielded, Undetachable, 1.0m

1.2.5. PRINTER

Model Number	:	2225C+
Serial Number	:	3123S97227
FCC ID	:	DSI6XU2225
Manufacturer	:	Hewlett Packard
Power Adapter	:	Kani, Model AD-09 Non-Shielded, Detachable, 2.0m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.6. MODEM

Model Number	:	DM-1414
Serial Number	:	980034398
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

1.2.9. EARPHONE

Model Number	:	N/A
Manufacturer	:	Panasonic
Earphone Cable	:	Non-Shielded, Undetachable, 1.1m

1.3. Description of Test Facility

Anechoic Chamber Description	:	May 16, 2000 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

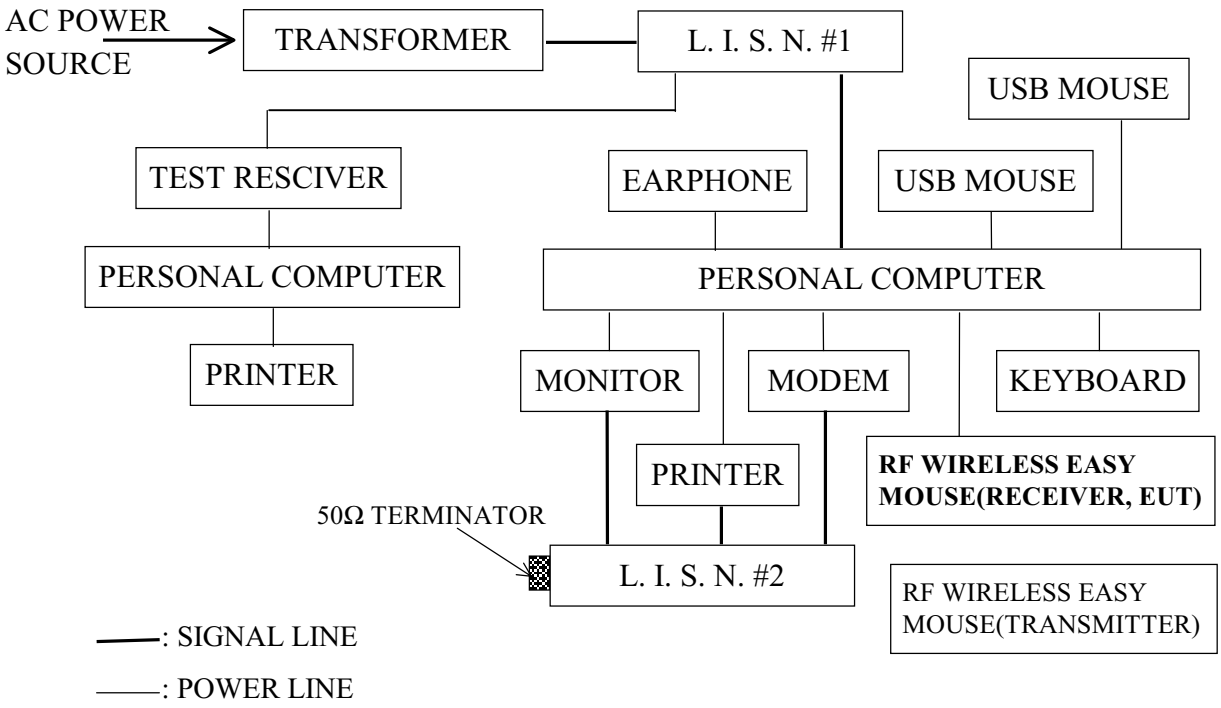
2. POWERLINE CONDUCTED TEST

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	ESCS 30	825442/020	Jun. 27, 00’	1 Year
2.	L.I.S.N. #1	Kyoritsu	KNW-407	8-1370-10	May 31, 00’	1 Year
3.	L.I.S.N. #2	Kyoritsu	KNW-407	8-1370-9	May 31, 00’	1 Year

2.2. Block Diagram of Test Setup



2.3. Powerline Conducted Emission Limit (§15.107)

Frequency	Maximum RF Line Voltage	
	μV	dBμV
0.45MHz ~ 30MHz	250	48

REMARKS：RF LINE VOLTAGE (dBμV) = 20 log RF LINE VOLTAGE (μV)

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. RF Wireless Easy Mouse (Receiver, EUT)

Model Number	:	RFM001R
Serial Number	:	N/A
FCC ID.	:	PBHRFM001R
Manufacturer	:	Radio Station Technology Co., Ltd.
RF Fundamental Operation Frequency	:	Channel 1: 27.0525MHz Channel 2: 27.1875MHz
PS/2 Signal Cable	:	Non-Shielded, Undetachable, 1.5m

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. Setup the EUT to link personal computer through the EUT's software driver.

2.5.4. Personal Computer read data from disk. (The software "Hwin" by Windows was used)

2.5.5. Personal Computer sent "H" character to monitor and fill with "H" pattern.

2.5.6. The RF Wireless Easy Mouse (Transmitter) transmission a message to EUT (Receiver), then the EUT on receiving mode.

2.5.7. The other peripheral devices were driven and operated in turn during all testing.

2.6. Test Procedure

The EUT was connected to personal computer then the personal computer 's power cord 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 ESCS30 was set at 10KHz.

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

EUT with two frequency channels were done during conducted measurement and all the test results are listed in section 2.7.

The details of test modes are as follows:
(1) Channel 1: 27.0525MHz (Receiving Mode)
(2) Channel 2: 27.1875MHz (Receiving Mode)

2.7. Line Conducted RF Voltage Measurement Results

PASSED. Please refer to the following pages.

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

EUT：RF Wireless Easy Mouse (Receiver)
M/N： RFM001R

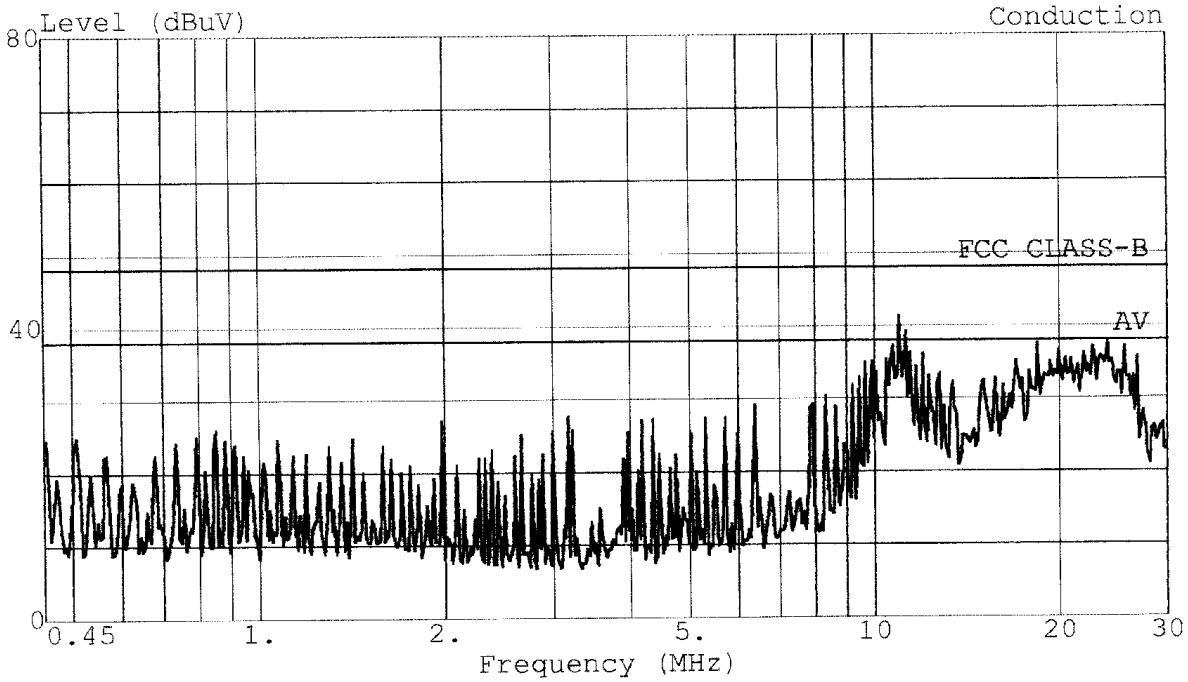
(Test Date : Nov. 02, 2000 Temperature : 21.7℃, Humidity : 79%)

Test Model		Reference Data #
1.	Channel 1	# 9, (# 10) ; # 11, (# 12).
2.	Channel 2	# 15, (# 16) ; # 13, (# 14).

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 9 File#: 瀚擎.EMI Date: 2000-11-02 Time: 13:21:33



Trace: Ref Trace:
Limit: FCC CLASS-B Probe: KNW-407 NEUTRAL
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.05MHz)

Data#: 10 File#: 瀚擎.EMI Date: 2000-11-07 Time: 11:42:41
Conduction
Limit: FCC CLASS-B Probe: KNW-407 NEUTRAL
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.05MHz)

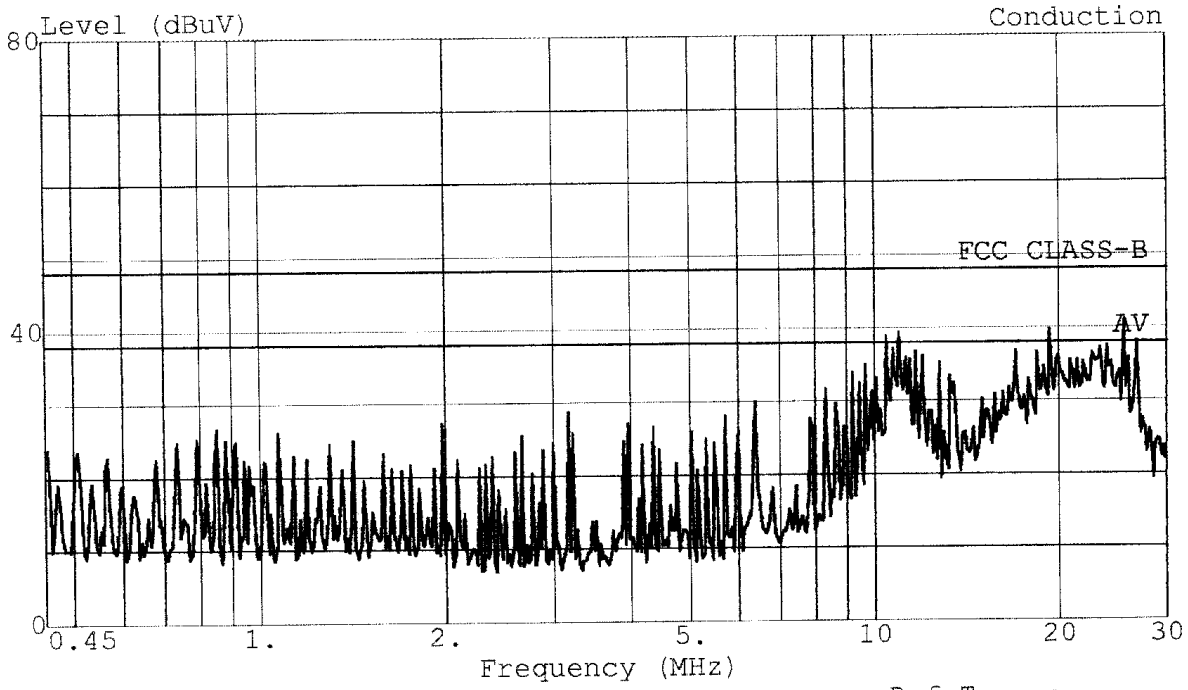
Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
		MHz	dB	dB	dB	dB	dB	dB	dB	
1		0.507	24.89	-23.11	48.00	24.39	0.30	0.20	0.00	Peak
2		0.853	26.00	-22.00	48.00	25.50	0.30	0.20	0.00	Peak
3		1.980	27.21	-20.79	48.00	26.51	0.30	0.40	0.00	Peak
4		6.386	29.30	-18.70	48.00	28.40	0.30	0.60	0.00	Peak
5	!	10.963	41.37	-6.63	48.00	40.07	0.60	0.70	0.00	Peak
6		24.015	37.73	-10.27	48.00	36.23	0.80	0.70	0.00	Peak

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 11 File#: 瀚擎.EMI Date: 2000-11-02 Time: 13:23:25



Trace:
Limit: FCC CLASS-B Probe: KNW-407 LINE
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.05MHz)

Ref Trace:

Data#: 12 File#: 瀚擎.EMI Date: 2000-11-07 Time: 11:43:42
Conduction
Limit: FCC CLASS-B Probe: KNW-407 LINE
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.05MHz)

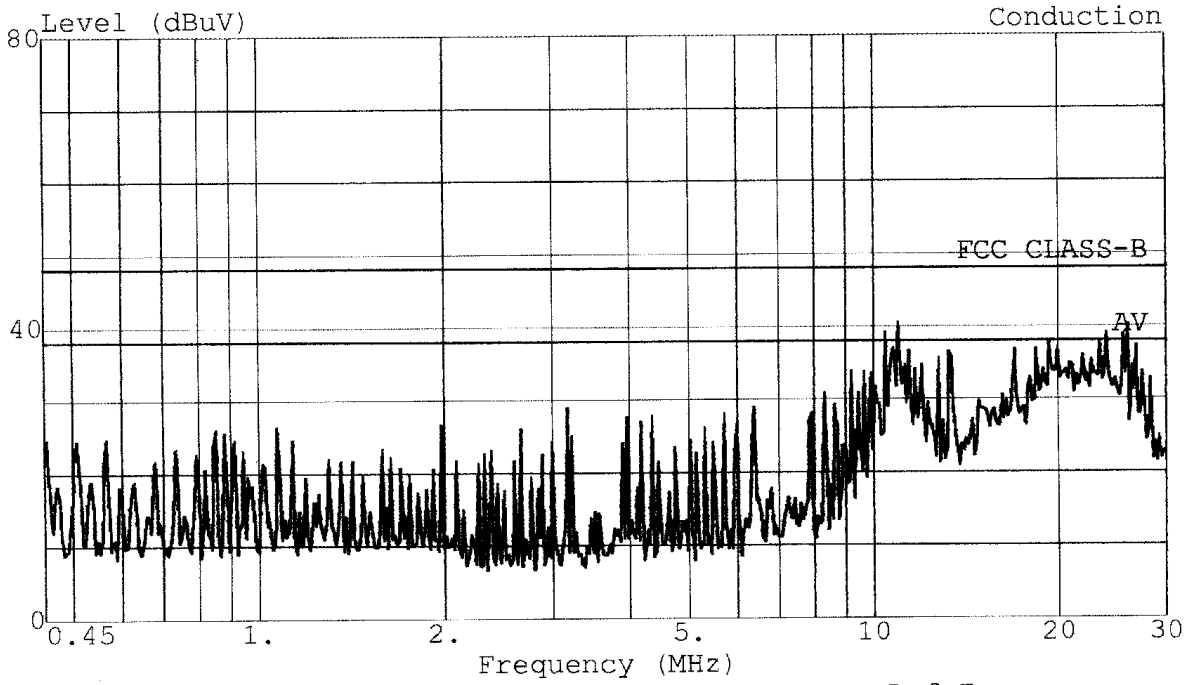
Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
		MHz	dB	dB	dB	dB	dB	dB	dB	
1		0.853	26.75	-21.25	48.00	26.25	0.30	0.20	0.00	Peak
2		1.980	27.27	-20.73	48.00	26.57	0.30	0.40	0.00	Peak
3		3.173	28.79	-19.21	48.00	28.09	0.30	0.40	0.00	Peak
4		6.386	30.02	-17.98	48.00	29.12	0.30	0.60	0.00	Peak
5	!	10.963	39.43	-8.57	48.00	38.13	0.60	0.70	0.00	Peak
6	!	25.591	40.79	-7.21	48.00	39.19	0.90	0.70	0.00	Peak

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 15 File#: 瀚擎.EMI Date: 2000-11-02 Time: 13:26:38



Trace: Ref Trace:
Limit: FCC CLASS-B Probe: KNW-407 NEUTRAL
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.19MHz)

Data#: 16 File#: 瀚擎.EMI Date: 2000-11-07 Time: 11:45:57
Conduction
Limit: FCC CLASS-B Probe: KNW-407 NEUTRAL
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.19MHz)

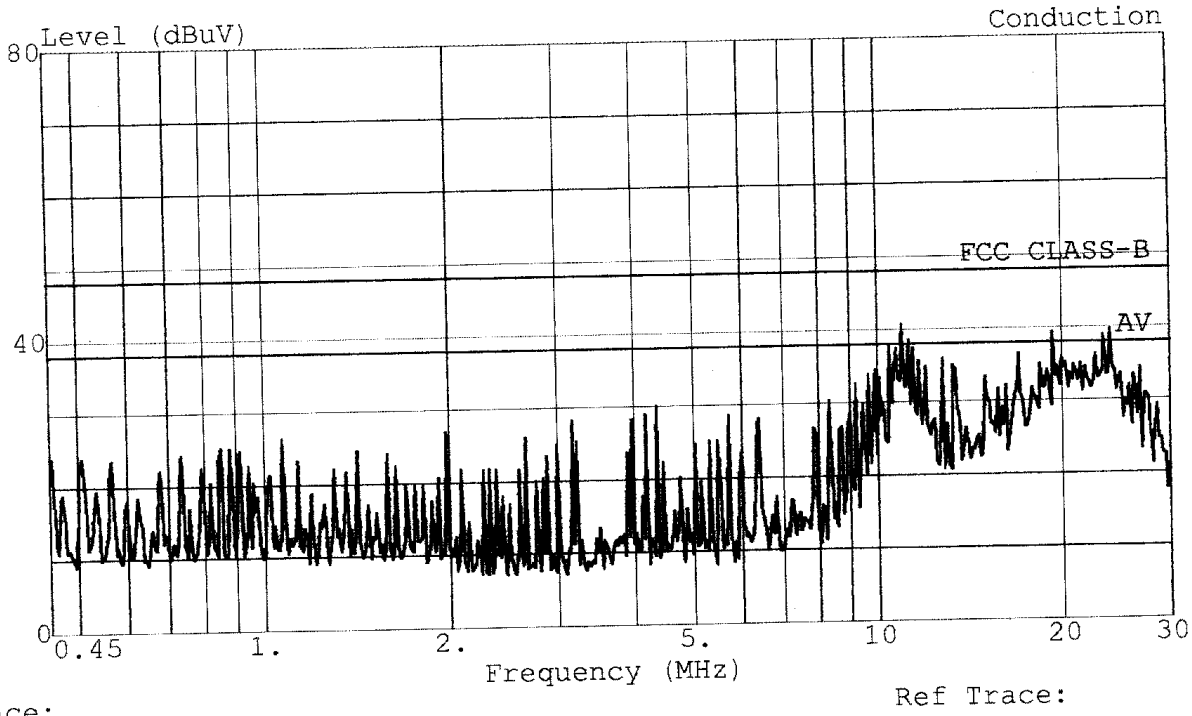
Page: 1

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
		MHz	dB	dB	dB	dB	dB	dB	dB	
1		0.853	26.00	-22.00	48.00	25.50	0.30	0.20	0.00	Peak
2		1.980	26.66	-21.34	48.00	25.96	0.30	0.40	0.00	Peak
3		3.173	28.90	-19.10	48.00	28.20	0.30	0.40	0.00	Peak
4		6.386	28.91	-19.09	48.00	28.01	0.30	0.60	0.00	Peak
5	!	10.963	40.55	-7.45	48.00	39.25	0.60	0.70	0.00	Peak
6	!	26.001	40.19	-7.81	48.00	38.59	0.90	0.70	0.00	Peak

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou,
Taipei, Taiwan R.O.C.
Tel:02-26092133 Fax:02-26099303

Data#: 13 File#: 瀚擎.EMI Date: 2000-11-02 Time: 13:25:11



Ref Trace:

Trace:
Limit: FCC CLASS-B Probe: KNW-407 LINE
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.19MHz)

Data#: 14 File#: 瀚擎.EMI Date: 2000-11-07 Time: 11:44:46
Conduction
Limit: FCC CLASS-B Probe: KNW-407 LINE
EUT : RF MOUSE M/N:RFM001T/RFM001R
Power: 120Vac/60Hz
Memo : MOUSE (27.19MHz)

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	1.071	26.36	-21.64	48.00	25.66	0.30	0.40	0.00	Peak
2	1.980	27.01	-20.99	48.00	26.31	0.30	0.40	0.00	Peak
3	4.361	30.08	-17.92	48.00	29.18	0.30	0.60	0.00	Peak
4	8.323	30.45	-17.55	48.00	29.55	0.30	0.60	0.00	Peak
5 !	10.963	40.73	-7.27	48.00	39.43	0.60	0.70	0.00	Peak
6 !	19.326	39.38	-8.62	48.00	37.98	0.70	0.70	0.00	Peak

3. RADIATED EMISSION TEST

3.1. Test Equipment

The following test equipment are used during the radiated emission tests：

3.1.1. For 1.705MHz to 30MHz Measurement

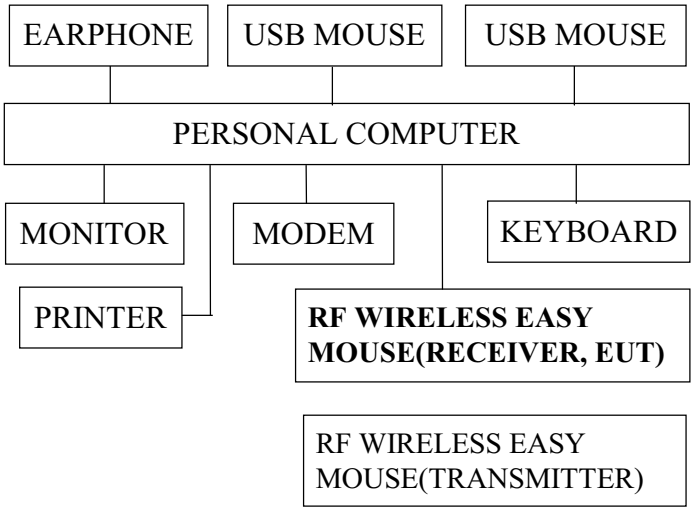
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8590L	3710A01838	Jul. 03, 00’	1 Year
2.	Test Receiver	Rohde & Schwarz	ESH3	880647/035	Jun. 26, 00’	1 Year
3.	Loop Antenna	Rohde & Schwarz	HFH2-Z2	891847/27	Jun. 20, 00‘	1 Year

3.1.2. For 30MHz to 1000MHz Measurement

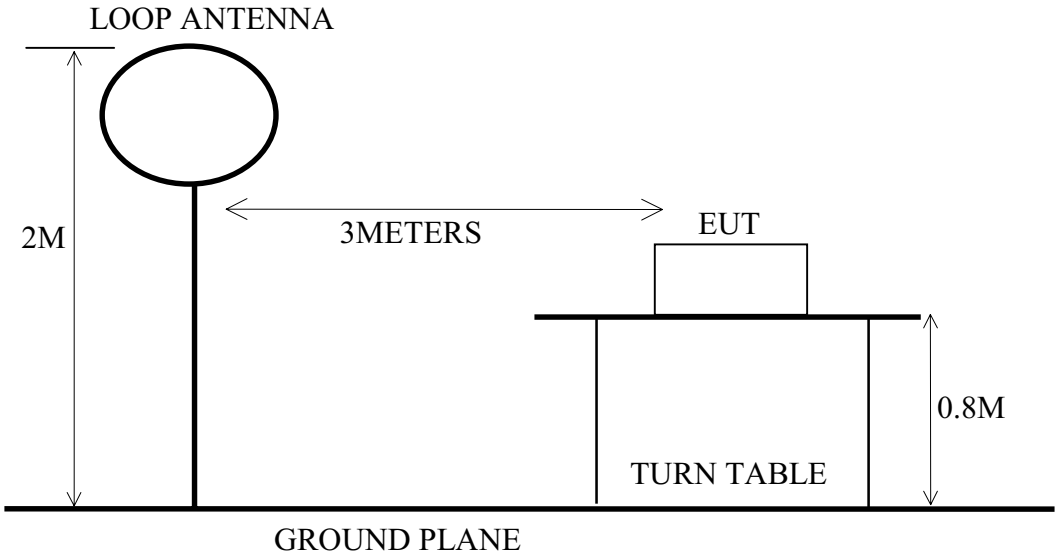
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8590L	3710A01838	Jul. 03, 00’	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVP	861190/011	Jan. 13, 00’	1 Year
3.	Pre-Amplifier	HP	8447D	2944A06305	Mar.16, 00’	1 Year
4.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Dec. 04, 99‘	1 Year
5.	Broadband Antenna	Schwarzbeck	UHALP 9107	A3H	Dec. 04, 99‘	1 Year

3.2. Test Setup

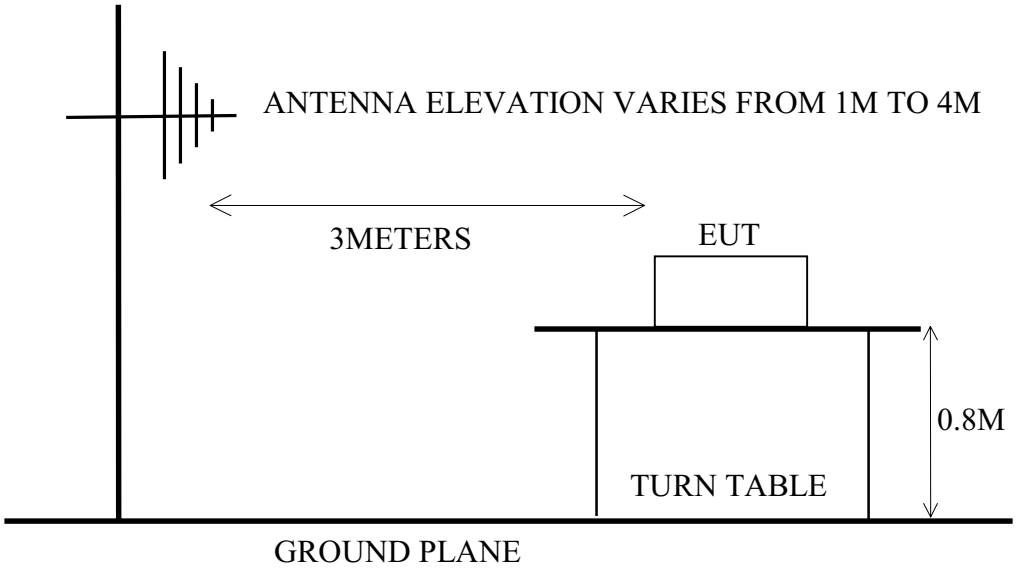
3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Anechoic Chamber Setup Diagram (1.705MHz~ 30MHz, 3m)



3.2.3. Anechoic Chamber Setup Diagram (30MHz ~ 1000MHz, 3m)



3.3. Radiation Limit (§15.109 & §15.209)

3.3.1. §15.109 Radiated Emission Limits (Receiver, Part 15B)

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMITS	
MHz	Meters	μV/M	dBμV/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 (dBμV/M) = 20 log Emission level (μV/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.

3.3.2. §15.209 Radiated Emission Limits (Receiver, Part 15C)

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMITS	
MHz	Meters	μV/M	dBμV/M
1.705 ~ 30	30	30	29.5
1.705 ~ 30	3	300	49.5

Remark： (1) Emission level (dBμV/M) = 20 log Emission level (μV/M)

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

Same as conducted measurement which is listed in 2.5., except the test set up replaced by section 3.2.

3.6. Test Procedure

3.6.1. For 1.705MHz to 30MHz Frequency Range

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. The receiving antenna is 3 meters and fixed at 2 meter height.

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

3.6.2. For 30MHz to 1000MHz Frequency Range

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 1000MHz frequency range, EUT was set at 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 1000MHz 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 the R&S Test Receiver ESVP was set at 120KHz.

EUT with two frequency channels were done during radiated measurement and all the test results are listed in section 3.8.

The details of test modes are as follows:
(1) Channel 1: 27.0525MHz (Receiving Mode)
(2) Channel 2: 27.1875MHz (Receiving Mode)

3.7. Test Results

PASSED. Please refer to the following pages.

3.8. Radiated Emission Noise Measurement Results

The frequency spectrum from 27 MHz to 1000MHz is investigated. All the emissions not reported below are too low against the FCC official limits.

Date of Test： Jan. 20, 2000 Temperature： 15℃

EUT： RF Wireless Easy Mouse Humidity： 65%

Test Mode： Channel 1: 27.0525MHz, Receiving Mode

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Fundamental Freq. (Quasi-Peak Values)						
27.050	--.--	-.--	-.--	<5	49.50	--.--
Harmonic (Quasi-Peak Values)						
54.100	15.43	1.53	0.31	17.27	40.00	22.73
81.150	13.23	1.89	4.09	19.21	40.00	20.79
108.200	17.73	2.17	3.35	23.25	43.50	20.25
135.250	19.71	2.43	9.10	31.24	43.50	12.26
162.300	21.39	2.69	- 0.44	23.64	43.50	19.86
189.350	21.87	2.94	2.03	26.84	43.50	16.66
216.400	22.73	3.18	0.59	26.50	46.00	19.50
243.450	24.72	3.45	1.04	29.21	46.00	16.79
270.500	25.18	3.66	0.86	29.70	46.00	16.30
297.550	26.76	3.92	3.17	33.85	46.00	12.15
324.600	14.68	4.16	3.50	22.34	46.00	23.66
351.650	16.04	4.29	4.74	25.07	46.00	20.93
378.700	16.87	4.58	10.14	31.59	46.00	14.41
405.750	16.61	4.92	8.70	30.23	46.00	15.77
486.900	17.90	6.15	1.71	25.76	46.00	20.24
541.000	18.79	7.04	13.64	39.47	46.00	6.53
603.250	19.42	6.25	5.72	31.39	46.00	14.61
804.850	22.09	6.96	2.11	31.16	46.00	14.84
907.750	23.08	7.42	2.26	32.76	46.00	13.24

Remark: 1. All readings are Quasi-Peak values.

Date of Test： Jan. 20, 2000 Temperature： 15℃

EUT： RF Wireless Easy Mouse Humidity： 65%

Test Mode： Channel 1: 27.0525MHz, Receiving Mode

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Fundamental Freq. (Quasi-Peak Values)						
27.050	--.--	-.--	-.--	<5	49.50	--.--
Harmonic (Quasi-Peak Values)						
54.100	15.89	1.53	- 0.53	16.89	40.00	23.11
81.150	14.00	1.89	3.26	19.15	40.00	20.85
108.200	17.28	2.17	1.89	21.34	43.50	22.16
135.250	19.16	2.43	6.66	28.25	43.50	15.25
162.300	21.21	2.69	- 0.75	23.15	43.50	20.35
189.350	20.95	2.94	- 0.06	23.83	43.50	19.67
216.400	22.82	3.18	0.23	26.23	46.00	19.77
243.450	25.13	3.45	0.62	29.20	46.00	16.80
270.500	25.08	3.66	0.91	29.65	46.00	16.35
297.550	26.66	3.92	2.25	32.83	46.00	13.17
324.600	14.50	4.16	4.43	23.09	46.00	22.91
351.600	15.43	4.29	3.64	23.36	46.00	22.64
378.700	15.95	4.58	7.05	27.58	46.00	18.42
405.700	16.30	4.92	3.23	24.45	46.00	21.55
486.900	17.50	6.15	0.01	23.66	46.00	22.34
541.000	18.69	7.04	8.89	34.62	46.00	11.38
709.000	21.34	6.56	1.75	29.65	46.00	16.35
804.200	21.44	6.94	2.93	31.31	46.00	14.69
902.200	23.10	7.36	3.07	33.53	46.00	12.47

Remark: 1. All readings are Quasi-Peak values.

Date of Test： Jan. 20, 2000 Temperature： 15℃

EUT： RF Wireless Easy Mouse Humidity： 65%

Test Mode： Channel 2: 27.1875MHz, Receiving Mode

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Fundamental Freq. (Quasi-Peak Values)						
27.187	--.--	-.--	-.--	<5	49.50	--.--
Harmonic (Quasi-Peak Values)						
54.380	15.33	1.53	- 0.64	16.22	40.00	23.78
81.570	13.28	1.89	3.10	18.27	40.00	21.73
108.760	17.84	2.17	7.35	27.36	43.50	16.14
135.950	19.79	2.45	10.00	32.24	43.50	11.26
163.140	21.44	2.72	- 0.19	23.97	43.50	19.53
190.330	21.90	2.99	0.70	25.59	43.50	17.91
217.520	22.78	3.18	0.97	26.93	46.00	19.07
244.710	24.73	3.47	0.93	29.13	46.00	16.87
271.900	25.22	3.69	1.06	29.97	46.00	16.03
299.090	26.85	3.94	0.72	31.51	46.00	14.49
326.280	14.70	4.14	7.49	26.33	46.00	19.67
353.470	16.17	4.34	6.27	26.78	46.00	19.22
380.660	16.78	4.56	9.62	30.96	46.00	15.04
407.850	16.65	4.87	10.86	32.38	46.00	13.62
435.040	17.22	5.25	3.37	25.84	46.00	20.16
489.420	18.04	6.27	1.08	25.39	46.00	20.61
516.610	18.23	6.84	4.71	29.78	46.00	16.22
543.800	18.75	6.95	13.27	38.97	46.00	7.03
603.080	19.46	6.26	4.45	30.17	46.00	15.83
783.680	22.03	6.87	1.63	30.53	46.00	15.47
906.180	22.98	7.38	2.12	32.48	46.00	13.52

Remark: 1. All readings are Quasi-Peak values.

Date of Test： Jan. 20, 2000 Temperature： 15℃

EUT： RF Wireless Easy Mouse Humidity： 65%

Test Mode： Channel 2: 27.1875MHz, Receiving Mode

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Fundamental Freq. (Quasi-Peak Values)						
27.187	--.--	-.--	-.--	<5	49.50	--.--
Harmonic (Quasi-Peak Values)						
54.380	15.89	1.53	0.00	17.42	40.00	22.58
81.570	14.00	1.89	0.60	16.49	40.00	23.51
108.760	17.33	2.17	2.88	22.38	43.50	21.12
135.950	19.20	2.45	3.90	25.55	43.50	17.95
163.140	21.18	2.72	- 0.08	23.82	43.50	19.68
190.330	21.11	2.99	0.13	24.23	43.50	19.27
217.520	22.71	3.18	0.56	26.45	46.00	19.55
244.710	25.02	3.47	1.49	29.98	46.00	16.02
271.900	25.16	3.69	0.65	29.50	46.00	16.50
299.090	26.66	3.94	0.87	31.47	46.00	14.53
326.280	14.52	4.14	6.25	24.91	46.00	21.09
353.470	15.30	4.34	2.31	21.95	46.00	24.05
380.660	16.00	4.56	7.55	28.11	46.00	17.89
407.850	16.35	4.87	0.97	22.19	46.00	23.81
435.040	16.58	5.25	2.91	24.74	46.00	21.26
489.420	17.53	6.27	0.98	24.78	46.00	21.22
535.510	18.51	7.03	8.56	34.10	46.00	11.90
663.610	20.90	6.34	0.99	28.23	46.00	17.77
791.010	21.68	6.87	1.71	30.26	46.00	15.74
903.010	23.06	7.36	2.28	32.70	46.00	13.30

Remark: 1. All readings are Quasi-Peak values.

4. DEVIATION TO TEST SPECIFICATIONS

【NONE】

5. PHOTOGRAPHS

5.1. Photos of Powerline Conducted Measurement

FRONT VIEW OF CONDUCTED TEST

BACK VIEW OF CONDUCTED TEST

5.2. Photos of Radiated Measurement at Anechoic Chamber

FRONT VIEW OF RADIATED TEST

BACK VIEW OF RADIATED TEST