

FCC VERIFICATION REPORT

Test Report No. : EC/2008/80009
Applicant : ORtek Technology Inc.
Address of Applicant : 13F, Number 150, Jian Yi Rd., Chung Ho City, Taipei Hsien,
 Taiwan, R.O.C
Manufacturer : ORtek Technology Inc.
Address of Manufacturer : 13F, Number 150, Jian Yi Rd., Chung Ho City, Taipei Hsien,
 Taiwan, R.O.C

Equipment Under Test (EUT) :
Name : Bluetooth Mouse
Brand Name : N/A
Model No. : MS-9900BTS
Added Model(s) : MS-9800BTS; MS-9800BT; MS-9900BTS-1
Standards : FCC Part 15:2006, Subpart B, Class B
 ICES-003 : 2004

Date of Receipt : 13 Aug. 2008
Date of Test : 13 Aug. ~ 19, 2008
Date of Issue : 03 Sep. 2008




Test Result :	PASS
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In the configuration tested, the EUT complied with the standards specified above.

Remarks :

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report shall not be reproduced except in full, without the written approval of the laboratory. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

Test By:		Date	Sep. 03, 2008
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1. General Information

1.1 Applicant & Manufacturer Information

Applicant : ORtek Technology Inc.

Address of Applicant : 13F, Number 150, Jian Yi Rd., Chung Ho City, Taipei Hsien,
Taiwan, R.O.C

Manufacturer : ORtek Technology Inc.

Address of Manufacturer : 13F, Number 150, Jian Yi Rd., Chung Ho City, Taipei Hsien,
Taiwan, R.O.C

1.2 General Description of EUT

Name : Bluetooth Mouse

Brand Name : N/A

Model No. : MS-9900BTS

Added Model(s) : MS-9800BTS; MS-9800BT; MS-9900BTS-1

Variant Description : Exterior is different

1.3 Details of EUT

Tested Power Supply : DC 3V(From Battery)

Modes/Function : BT Link Mode

Worst case : BT Link Mode

1.4 Operation Procedure

1. Set down EUT with support units and turn on the power of all equipment.
2. Pre-test the EUT in all modes by each model, then figure the worst case out.
3. Tests under the normal operation pattern.

1.5 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
NOTEBOOK	IBM	R61	L3A9050

1.6 Cable List

Cable Type	Length	Shield
N/A	N/A	N/A

1.7 Test Set-Up Configuration

Stand alone EUT, put it on test table only.

1.8 Measurement Procedure

Conducted Emission Testing was performed according ANSI C63.4:2003 in a shielded room with peripherals placed on a table, 0.8m high over a metal floor. It was located more than required distance away from the shielded room wall.

Radiated Emission Testing was performed according to ANSI C63.4:2003 at the open field test site. The EUT was placed in a 0.8m high table along with the peripherals. The turn table was separated from the antenna distance 10meters. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for maximum.

The frequencies and amplitudes of maximum emission were measured at varying azimuths, antenna heights and antenna polarities. Reported are maximized emission levels.

1.9 Standards Applicable for Testing

Table of tests to be carried out under FCC Part 15, Subpart B

Test Standards	Status
FCC Part 15, Subpart B	Applicable
Deviation from Standard	No Deviation

1.10 Summary of Results

Highest Emission					
Standard	Test Type	Result	Phase/Polar.	Frequency(MHz)	Margin(dB)
FCC Part 15 Subpart B Class B	Conducted Emission	N/A	N/A	N/A	N/A
			N/A	N/A	N/A
	Radiated Emission	PASS	Ver.	214.3000	-1.67(QP)

2. Radio Disturbance

2.1 Test Results

	Results
Conducted Emission	N/A
Radiated Emission	Pass

2.2 Frequency Range

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : 30 MHz - 1000 MHz

2.3 Limits Of Conducted And Radiated Emission

2.3.1 Limit Of Conducted Emission Of FCC Part 15, Subpart B/CISPR 22

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi - peak	Average	Quasi - peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Note : (1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

(3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

2.3.2 Limit Of Radiated Emissions Of FCC Part 15, Subpart /CISPR 22

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 10m)
	dBuV/m	dBuV/m
30-230	40	30
230-1000	47	37

- Detector Function : Peak , Average

FREQUENCY (MHz)	Class A (dBuV) (at 3m)		Class B (dBuV) (at 3m)	
	Peak	Average	Peak	Average
Above 1000	79.3	59.3	73.9	53.9

2.4. Test of Conducted Emission

2.4.1 Test Equipments

Description	Manufacturer	Model No.	Serial No.	Cal. Due Date
EMI Test Receiver	ROHDE&SCHWARZ	ESCS 30	828985/004	Sep. 15, 2007
Coaxial Cables	N/A	WK CE Cable	N/A	Nov. 30, 2007
L.I.S.N	Rolf-Heine	NNB-2/16Z	99013	Feb. 18, 2008
L.I.S.N	FCC	FCC-LISN-50/250-25-2-01	04035	Feb. 18, 2008

2.4.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory
 No.134, Wu Kung Road. Wuku Industrial Zone, Taipei County 248, Taiwan (R.O.C.)

2.4.3 Operating Environment

Temperature : N/A degree C Humidity : N/A %RH
 Atmospheric Pressure : N/A mBar

2.5.4 Measurement Data

N/A

2.5 Test of Radiated Emission

2.5.1 Test Instruments

Description	Manufacturer	Model No.	Serial No.	Cal. Due Date
EMI Test Receiver	ROHDE&SCHWARZ	ESCI	100335	Feb. 15, 2008
RF-Amplifier	Agilent	8447D	2944A09469	Nov. 30, 2007
Broadband Antenna	SCHWAZBECK	VULB9160	9160-3136	Nov. 15, 2007
Coaxial Cables	N/A	OS RE Cable	N/A	Nov. 30, 2007
Antenna Master	HD GmbH	MA 240	240/515	N/A
Turn Table	HD GmbH	DT420	420/542	N/A
Controller	HD GmbH	HD 100	100/589	N/A

2.5.2 Test Site

SGS Taiwan LTD. Electronics & Communication Laboratory
No. 29, Pau-Tou-Tsuo Valley, Chia-Pau Tsuen, Linkou Hsiang, Taipei County 244,
Taiwan (R.O.C.)

2.5.3 Operating Environment

Temperature : 27 degree C

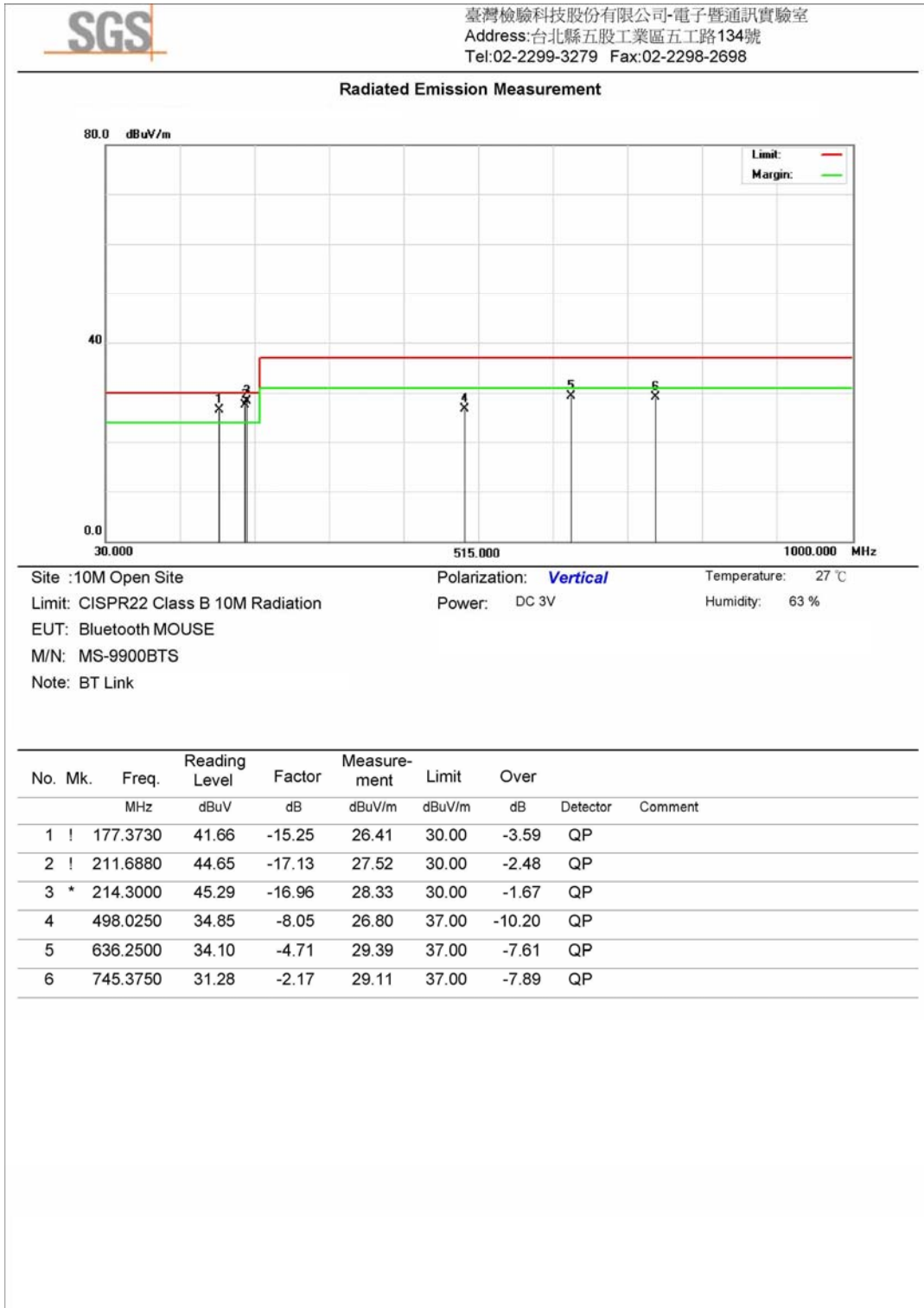
Humidity : 63 %RH

Atmospheric Pressure : 997 mBar

2.5.4 Measurement Data (10m Method)

Date of Test : Aug. 13, 2008





3. Photographs of Test
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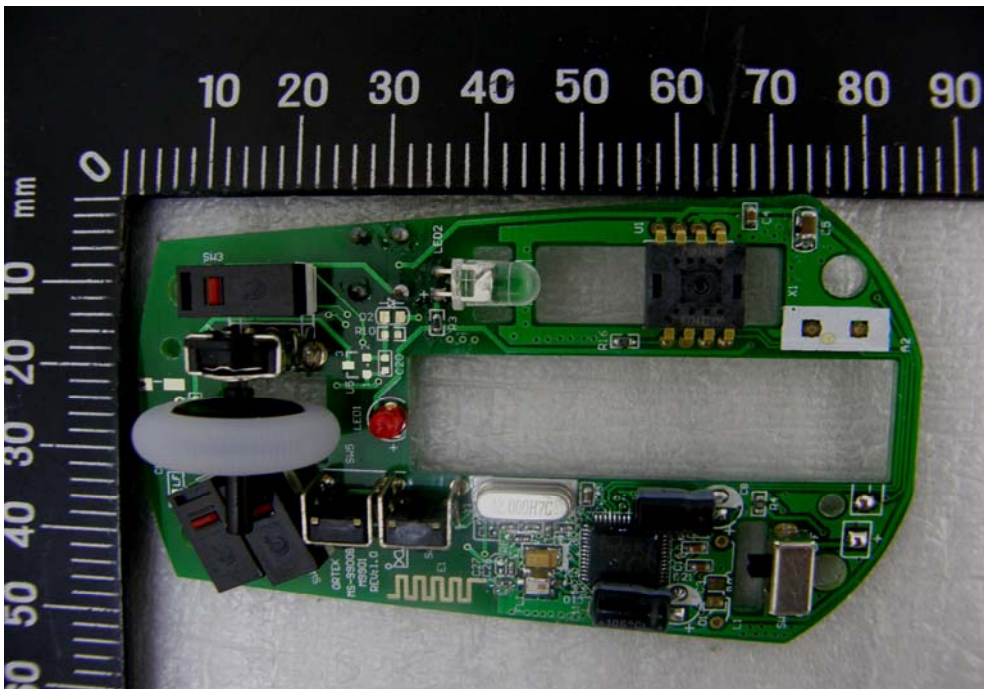


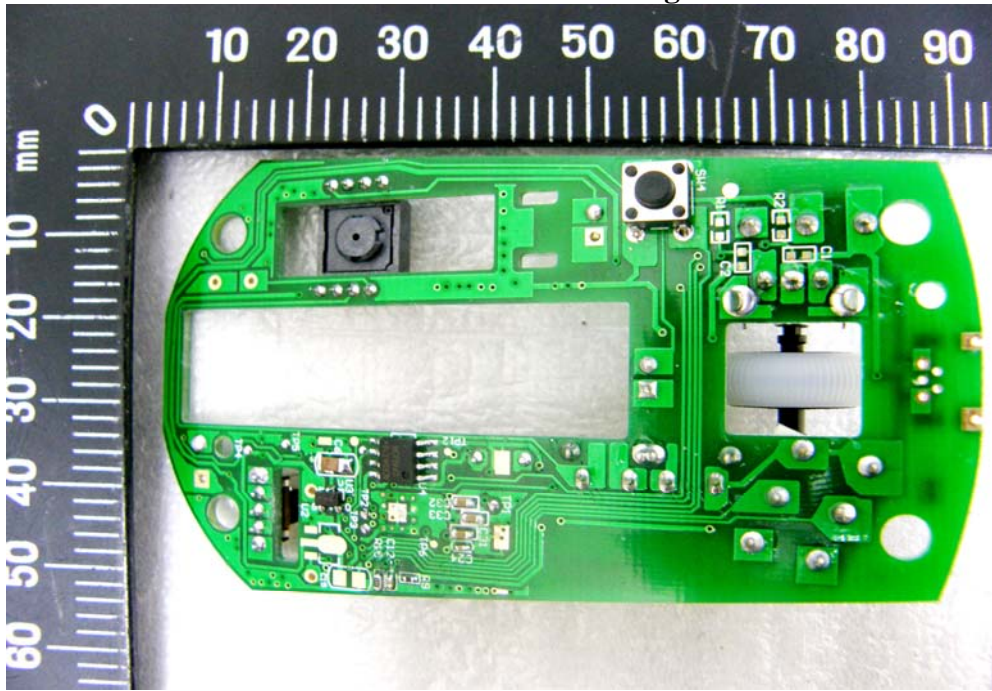
4. Photographs of Product

Exterior



Interior





** End of Report **