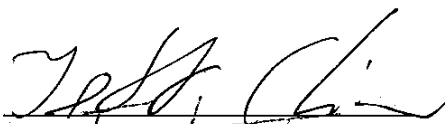
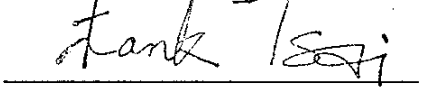


EXHIBIT B

Test Report

Report No.	G2815867	
Specifications	FCC Part 15.249	
Test Method	ANSI C63.4 1992	
Applicant address	NO. 211, RUI-GUANG ROAD, NEI-HU 114, TAIPEI, TAIWAN	
Applicant	GLOBLINK TECHNOLOGY INC.	
Items tested	Transmitter of Wireless Mouse	
Model No.	3D 1688T (Sample # G28867)	
Frequency Range	26.96 - 27.28 MHz (Operating Frequency: 27.013MHz)	
Results	Compliance (As detailed within this report)	
Sample received date	10/13/99 (month / day / year)	
Prepared by		project engineer
Authorized by		General Manager (Frank Tsai)
Issue date	Oct. 25, 1999	(month / day / year)
Modifications	None	
Tested by	Training Research Co., Ltd.	
Office at	2, Lane 194, Huan-Ho Street, Hsichih, Taipei Hsien 221, Taiwan	
Open site at	No. 5-3, Lane 21, Yen Chiu Yuan Rd., Sec. 4, Taipei, Taiwan	

Conditions of issue:

- (1) ***This test report shall not be reproduced except in full, without written approval of TRC. And the test result contained within this report only relate to the sample submitted for testing.***
- (2) ***This report must not be used by the client to claim product endorsement by NVLAP or any agency of U.S. Government.***

★ FCC ID: OR71688T

Report No.: G2815867, Transmitter of Wireless Mouse, FCC Part 15.249

Test date: 10/17/99, Training Research Co., Ltd., TEL:886-2-26935155, Fax:886-2-26934440

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Chapter 1 Introduction

Description of EUT:

This wireless mouse use advanced transmission technology to allow comfortable use. However, occasionally outside sources may cause interference.

EUT	:	Transmitter of Wireless Mouse
Model No.	:	3D 1688T
FCC ID	:	OR71688T
Frequency Range	:	26.96 – 27.28 MHz (Operating Frequency: 27.013MHz)
Power Type	:	Powered by two 1.5VDC batteries

This device is a transmitter of wireless mouse. While testing, the EUT was made to transmit continuously and adjusted at a position, which transmitted the maximum emission.

Test method:

All measurements contained in this report were performed according to the techniques described in Measurement procedure ANSI C63.4 – 1992.

Pretest was found that the emission of operating mode is worse than standby mode. So, The final test is made at the operating mode.

During testing, the receiver is received radiated frequency that transmitted from the EUT when it is depressed one key continuously.

The test placement as the photographs showed is the worst case emission placed.

(If the emission is close to the ambient, the resolution BW and view resolution will be reduced and the data will be recorded by detection of maximum hold peak mode.)

Test Procedure:

All measurements contained in this report were performed according to the techniques described in measurement procedure of ANSI C63.4 1992 section 13.

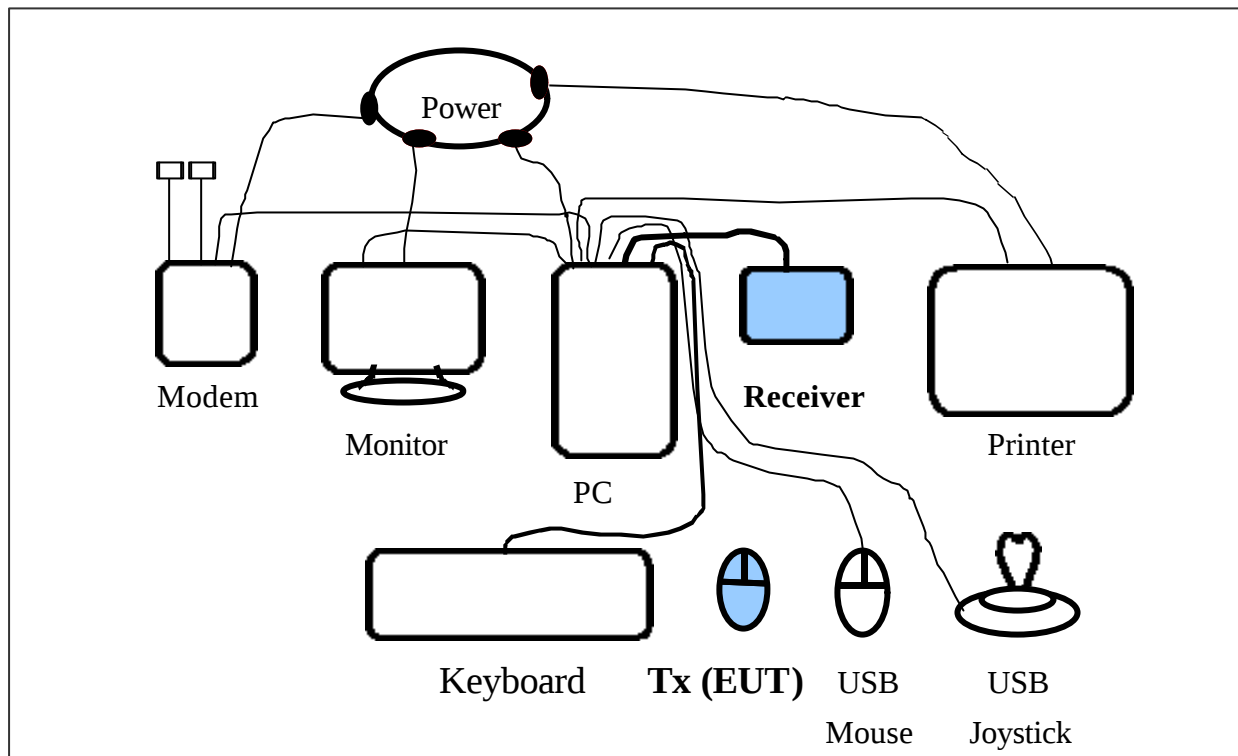
Location of the Test Site:

The radiated emission measurement required by the rule were performed on the ten-meter, open-field test site maintained by **Training Research Co., Ltd.**, No. 5-3, Lane 21, Yen-Chiu-Yuan Rd., Sec. 4, Taipei, Taiwan, R.O.C. Complete description data have been placed on file with the Commission. The conducted power line emissions tests were performed in a shielded enclosure also located at the above facility. **Training Research Co., Ltd.** Listed is by the FCC as a facility available to do measurement work for other on a contract basis.

General Test Condition:

The conditions under which the EUT operates were varied to determine their effect on the equipment's emission characteristics. The final configuration of the test system and the mode of operation used during these tests was chosen as that which produced highest emission levels. However, only those conditions which the EUT was considered likely encounter in normal use were investigated.

Configuration of test setup



Connections:

PC:

- *Serial port --- via a 76 cm shielded RS232 cable is connected with an external modem
 - *Printer port --- a printer with 1.2m length data cable
 - *Keyboard port --- a mouse with 1m length data cable
 - *Mouse port --- a receive with 1.45m length data cable
 - *Monitor port --- a monitor with 0.7m long of data cable
 - *USB port A --- a joystick with 1.5m long, shielded and no ferrite bead data cable
 - *USB port B --- a mouse with 1.5m long, shielded and no ferrite bead data cable
- (Each port on PC is connected with suitable device)

RECEIVER:

- *PS/2 plug --- via 145cm long, shielded, no ferrite bead, data cable to the mouse port of PC.

EUT:

- *Connector --- None

List of support equipment

Conducted (Radiated) test:

PC : **HP Brio 85xx 6/350**
Model No. : D6928A
Serial No. : SG91801443 (TW90400174)
FCC ID : N/A, Doc Approved
檢磁 : 3872H013
Power type : 100 ~ 230VAC / 50 ~ 60Hz, 5A, Switching
Power cord : Non-shielded, 2.30m long, Plastic, No ferrite core

Monitor : **HP 15' Color Monitor**
Model No. : D2827A (D2832A)
Serial No. : KR91161716 (MY90615892)
FCC ID : C5F7NFCMC1518X (N/A, Doc Approved)
檢磁 : 3872B039 (4872A167)
Power type : 110 ~ 240 VAC / 50 ~ 60 Hz, Switching
Power cord : Shielded, 1.80m long, No ferrite core
Data cable : Shielded, 1.50m long, with two ferrite cores

Keyboard : **HP**
Model No. : SK-2501K
Serial No. : M990308795 (M981216213)
FCC ID : GYUR38SK
檢磁 : 3862A621
Power type : By PC
Data cable : Shielded, 1.70m long, with ferrite core

Modem : **ACEEX**
Model No. : XDM-9624
FCC ID : IFAXDM-9624
Power type : 220VAC, 50Hz / 9VAC, 1A
Power cord : Non-shielded, 1.9m long, no ferrite cord
Data cable : RS232, Shielded, 1.2m long, no ferrite core
RJ11C x 2, 7' long non-shielded, no ferrite core

Printer : EPSON
Model No. : P78PA (P70RA)
Serial No. : 0EE0014030 (10010386)
FCC ID : BKM9A8P70RA
Power type : 220VAC, 50Hz
Power cord : Non-shielded, 2m long, no ferrite core
Data cable : Shielded, 1.84m (1.7m) long, no ferrite core

USB Joystick : Padix
Model No. : QF-707U
Serial No. : N/A (8100848)
FCC ID : N/A, Doc Approval
Power type : Powered by PC
Power Cable : Shielded, 1.5m long, no ferrite bead data cable

USB Mouse : Logitech (Chic)
Model No. : M-BA47 (CM-USB)
Serial No. : LZE92250027 (N/A)
FCC ID : N/A, Doc Approved
檢磁 : 4872A220 (N/A)
Power type : Powered by PC
Power Cable : Shielded, 1.8m (1.5m) long, Plastic hoods, No ferrite bead

Chapter 2 Conducted emission test

Test condition and setup:

All the equipment is placed and setup according to the ANSI C63.4 - 1992. The EUT is assembled on a wooden table that is 80 cm high, is placed 40 cm from the back-wall which is a vertical conducting plane. One LISN is for EUT, the other LISN is for support equipment. They are all placed on the conductive ground. The EUT's LISN connect a line switch box for selecting L1 or L2, then connect to a preamplifier and spectrum.

The spectrum scans from 150KHz to 30MHz. Conducted emission levels are detected at max. peak mode. But if the max. peak mode failed, it will be measured by CISPR's quasi-peak detection mode.

While testing, there is the worst-emission plot printed at peak detection mode, and there are more than 6 highest emissions relative to limit recorded. The plot is kept as the original data, not included in test report.

List of test Instrument:

<u>Instrument Name</u>	<u>Model No.</u>	<u>Brand</u>	<u>Serial No.</u>	<u>Calibration Date</u>	
				<u>Last time</u>	<u>Next time</u>
Spectrum analyzer	8591EM	H P	3619A00821	10/29/98	10/29/99
LISN (EUT)	3825/2	EMCO	9411-2284	05/20/99	05/20/00
LISN (Support E.)	3825/2	EMCO	9210-2007	05/20/99	05/20/00
Preamplifier	8447F	H P	2944A03706	05/20/99	05/20/00
Line switch box	AC1-003	TRC	-----	05/20/99	05/20/00
Line selector	AC1-002	TRC	-----	05/20/99	05/20/00

The level of confidence of 95%, the uncertainty of measurement of conducted emission is ± 2.4 dB.

Test Result: N/A

Chapter 3 Radiated emission test

Test condition and setup:

Pretest : Prior to the final test (OATS test), the EUT is placed in a shielded enclosure, and scan from 30MHz to 1GHz. This is done to ensure the radiation exactly emits from the EUT.

Final test: Final radiation measurements are made on a **10 - meter**, open-field test site. The EUT is placed on a nonconductive table that is 0.8m height, the top surface is 1.0 x 1.5 meter. All placement is according to ANSI C63.4 - 1992.

The spectrum is examined from 30 MHz to 1000 MHz measured by HP spectrum.

The EMCO whole range Antenna is used to measure frequency from 30 MHz to 1GHz. The final test is used the spectrum.

Measure more than six top marked frequencies generated from pretest by computer step by step at each frequency. The EUT is rotated 360 degrees, and antenna is raised and lowered from 1 to 4 meters to find the maximum emission levels. The antenna is used with both horizontal and vertical polarization.

Appropriated preamplifier which is made by TRC is used for improving sensitivity and precautions is taken to avoid overloading. The spectrum analyzer's 6dB bandwidth is set to 120 KHz, and the EUT is measured at quasi-peak mode.

If the emission is close to the frequency band of ambient, the data will be rechecked by the tester and the corrected data will be written in the test data sheet. If the emission is just within the ambient, the data from anechoic chamber will be taken as the final data.

List of test Instrument:

<u>Instrument Name</u>	<u>Model No.</u>	<u>Brand</u>	<u>Serial No.</u>	<u>Calibration Date</u>	
				<u>Last time</u>	<u>Next time</u>
Spectrum analyzer	8591EM	H P	3710A01203	01/29/99	01/29/00
Spectrum analyzer	8568B	H P	3004A18617	05/18/99	05/18/00
Quasi-peak Adapter	85650A	H P	2521A00984	05/18/99	05/18/00
RF Pre-selector	85685A	H P	2947A01011	05/18/99	05/18/00
Antenna (30M-1.5G Hz)VULB 9160	M.E.	3064		01/20/99	01/20/00
Open test side (Antenna, Amplify, cable calibrated together)				05/20/99	05/20/00

The level of confidence of 95%, the uncertainty of measurement of radiated emission is ± 4.96 dB.

Test Result: Pass (Appendix A)

Radiated Test Placement: (Photographs)



Appendix A

Radiated Emission Test Result: (Horizontal)

Test Conditions:

Testing room :	Temperature : 25 ° C	Humidity : 66 % RH
Testing site :	Temperature : 30 ° C	Humidity : 81 % RH

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	Class B Limit	Margin
MHz	dBμV	m	degree	dB/m	dBμV/m	dBμV/m	dB

120.000	21.20	4.00	52	-12.66	8.54	30.00	-21.46
143.800	31.90	2.57	238	-11.07	20.83	30.00	-9.17
168.060	31.10	4.00	46	-11.23	19.87	30.00	-10.13
192.640	24.90	2.57	118	-13.27	11.63	30.00	-18.37
216.020	22.90	2.57	52	-13.44	9.46	30.00	-20.54
240.000	27.30	4.00	46	-11.90	15.40	37.00	-21.60
312.030	25.70	2.57	32	-8.69	17.01	37.00	-19.99
480.000	23.90	4.00	2	-3.26	20.64	37.00	-16.36

Note:

1. Margin = Amplitude - limit, *if margin is minus means under limit.*
2. Corrected Amplitude = Reading Amplitude + Correction Factors
3. Correction factor = Antenna factor + (Cable Loss - Amplitude gain)
(For example : 30MHz correction factor = 15.5 + (-15.26) = 0.24 dB/m)

Radiated Emission Test Result: (Vertical)

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	Class B limit	Margin
MHz	dBμV	m	degree	dB/m	dBμV/m	dBμV/m	dB

37.760	41.90	1.00	243	-14.48	27.42	30.00	-2.58
114.550	23.00	2.57	47	-13.11	9.89	30.00	-20.11
128.860	23.60	4.00	31	-12.44	11.16	30.00	-18.84
150.000	23.30	2.57	343	-10.56	12.74	30.00	-17.26
240.000	29.00	1.00	145	-11.90	17.10	37.00	-19.90
257.730	25.00	4.00	22	-11.18	13.82	37.00	-23.18
323.740	25.70	4.00	352	-8.33	17.37	37.00	-19.63
714.040	24.60	2.57	342	2.56	27.16	37.00	-9.84
816.050	24.60	4.00	51	5.60	30.20	37.00	-6.80
884.130	24.30	4.00	345	6.62	30.92	37.00	-6.08

<i>Frequency: 27.013 MHz</i>					
Axis	Reading Amplitude	Correction Factors	Corrected Amplitude	Limit	Margin
	dBμV	dB/m	dBμV/m	dBμV/m	dB
X	36.50	23.74	60.24	80	-19.76
Y	40.50	23.74	64.24	80	-15.76
Z	32.78	23.74	56.52	80	-23.48

Final statement:

This test report, measurements made by TRC are traceable to the NIST.