FCC Radio TEST Report

FCC ID: H8GCNB72DMPD225

This report concerns (check one) : ■ **Original Grant** □ **Class II Change**

Issued Date : Apr.11, 2007
Report No. : 0703C126
Equipment : Wireless Battery Free Optical Mouse
Model No. : NB-72D

Applicant : A-FOUR TECH CO., LTD.
Address : 6F, No.108, Min-Chuan Rd., Hsin-Tien, Taipei, R.O.C.

Tested by:
Neutron Engineering Inc. EMC Laboratory
Data of Test:
Apr. 11 2007 ~May. 07 2007

Testing Engineer : Rush kao
(Alan Liu)

Technical Manager : Steven Lu for
(Jeff Yang)

Authorized Signatory : Jams Chiu for
(Andy Chiu)

NEUTRON ENGINEERING INC.

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TEL : (02) 2646-5426 FAX : (02) 2646-6815

Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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1. CERTIFICATION

Equipment :	Wireless Battery Free Optical Mouse
Trade Name :	A4TECH
Model No. :	NB-72D
Applicant :	A-FOUR TECH CO., LTD.
Data of Test :	Apr. 11 2007 ~ May. 07 2007
Test Item :	ENGINEERING SAMPLE
Standards :	FCC Part15, Subpart C / RSS-210: 2004/ ANCI C63.4 : 2003

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-1-0703C126) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and CNLA according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards: (Antenna to EUT distance is **3** m)

FCC Part15, Subpart C				
Standard	Test Item	Limit	Frequency Range (MHz)	Judgment
15.207	Conducted Emission	Class B	0.15 - 30	PASS
15.209	Radiated Emission	Class B	0.09 -1000	PASS

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C01/OS02** at the location of No.132-1, Lane 329, Sec. 2, Palain Road, Shijr City, Taipei, Taiwan.

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**，where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**，providing a level of confidence of approximately **95** %。

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U，(dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
OS01	ANSI	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
OS02	ANSI	30MHz ~ 200MHz	V	2.48	
		30MHz ~ 200MHz	H	2.16	
		200MHz ~ 1,000MHz	V	2.50	
		200MHz ~ 1,000MHz	H	2.66	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>Wireless Battery Free Optical Mouse</td></tr>
<tr><td>Trade Name</td><td>A4TECH</td></tr>
<tr><td>Model No.</td><td>NB-72D</td></tr>
<tr><td>OEM Brand/Model No.</td><td>N/A</td></tr>
<tr><td>Model Difference</td><td>N/A</td></tr>
<tr><td>Product Description</td><td>The EUT is a Wireless Battery Free Optical Mouse.
<table>
<tr><td>Operation Frequency:</td><td>119 KHz – 135 KHz</td></tr>
<tr><td>Product Class:</td><td>Class 1</td></tr>
<tr><td>Receiver Class:</td><td>Class 3</td></tr>
<tr><td>Modulation Type:</td><td>ASK</td></tr>
<tr><td>Antenna Designation:</td><td>Integra (Induction coil)</td></tr>
<tr><td>Output Power:</td><td>97.57dBuv/m</td></tr>
<tr><td>Mode of Operation:</td><td>Simplex</td></tr>
</table>
Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Power Supply</td><td>Power Pad: DC 5 V, 300mA/ Supplied from PC USB port
Wireless Battery Free Optical Mouse: DC 5 V, 90mA/ Faradism</td></tr>
<tr><td>Connecting I/O Port(s)</td><td>Please refer to the User's Manual</td></tr>
<tr><td>Products Covered</td><td>N/A</td></tr>
</table>

Note:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.

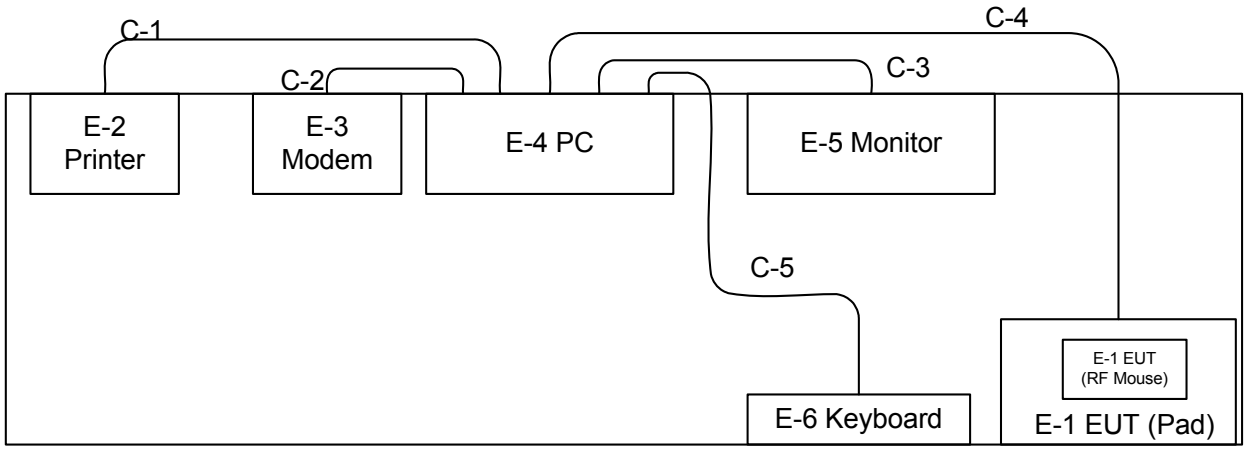
3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	TX 124.5 KHz

For Conducted / Radiated Test	
Final Test Mode	Description
Mode 1	TX 124.5 KHz

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



C-1 Centronics Cable
C-2 Interface Cable
C-3 VGA Cable
C-4 Data Cable
C-5 Data Cable

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	Wireless Battery Free Optical Mouse	A4TECH	NB-72D	H8GCNB72DMP225	N/A	EUT
E-2	Printer	SII	DPU-414	DOC	1045105A	
E-3	Modem	ACEEX	DM-1414V	DOC	8041708	
E-4	PC	IBM	8422-KVA	DOC	L3D0137	
E-5	19"TFT LCD Monitor	Samsung	SyncMaster 193T	DOC	NB19HMEX101919K	
E-6	PS/2 K/B	Logitech	Y-SJ17(ACK260A)	DOC	SYU44664880	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	1.8M	
C-2	YES	NO	1.5M	
C-3	YES	YES	1.8M	
C-4	YES	NO	1.5M	
C-5	YES	NO	1.5M	

Note:

(1) The support equipment was authorized by Declaration of Confirmation.
(2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	Rolf Heine	NNB-2/16Z	98053	Dec. 18, 2007
2	4L-V-LISN	Rolf Heine	NNB-4/63TL	02/10040	Apr. 05, 2008
3	Pulse Limiter	Electro-Metrics	EM-7600	112644	Nov. 28, 2007
4	50Ω Terminator	N/A	N/A	N/A	May 10, 2008
5	Test Cable	N/A	C01	N/A	Nov. 28, 2007
6	EMI Test Receiver	R&S	ESCI	100082	Feb. 01, 2008

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

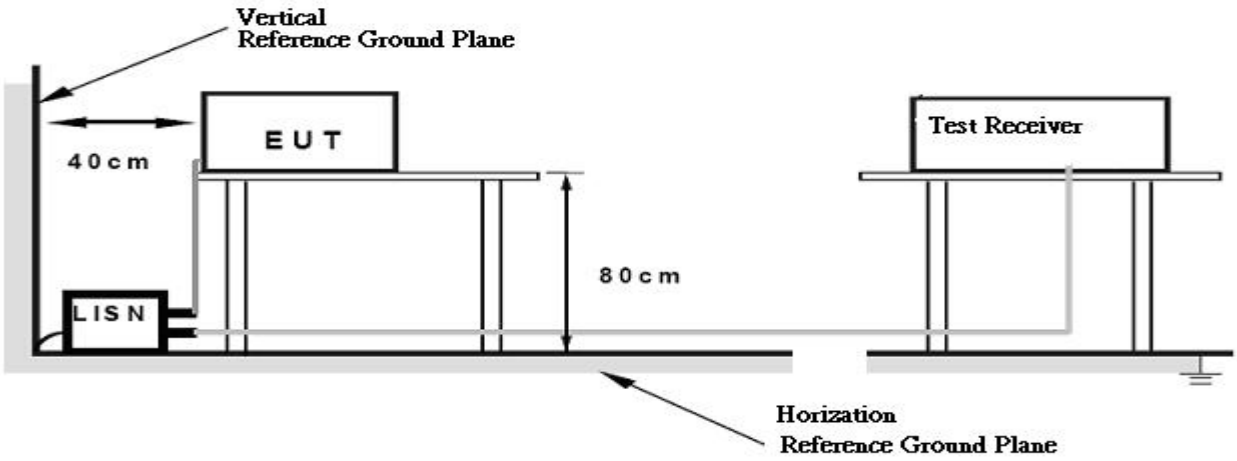
4.1.3 TEST PROCEDURE

a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 **EUT OPERATING CONDITIONS**

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use. The program contained on a PC hard disk and is auto-starting on power-up. Once loaded, the program sequentially exercises each system component in turn. The sequence used is:

1. Read (write) from (to) mass storage device (Disk).
2. Send "H" pattern to video port device (Monitor).
3. Send " H " pattern to parallel port device (Printer).
4. Send " H " pattern to serial port device (Modem).
5. Repeated from 2 to 4 continuously.

4.1.7 **TEST RESULTS**

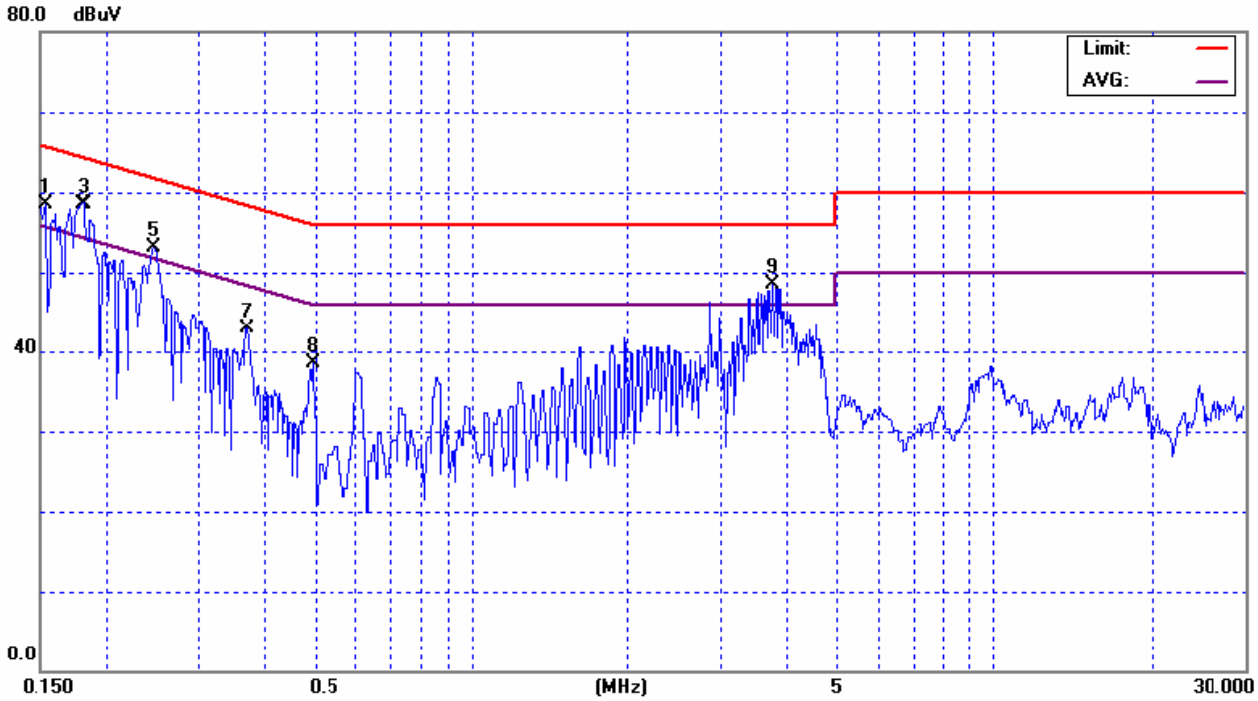
EUT：	Wireless Battery Free Optical Mouse	Model No. ：	NB-72D
Temperature：	23 ℃	Relative Humidity：	54%
Pressure：	1015 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	TX 124.5 KHz		

Freq.	Terminal	Measured(dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	
0.15	Line	58.43	*	65.81	55.81	-7.38	QP
0.15	Line	*	29.88	65.81	55.81	-25.93	AVG
0.18	Line	58.60	*	64.45	54.45	-5.85	QP
0.18	Line	*	45.38	64.45	54.45	-9.07	AVG
0.25	Line	53.07	*	61.87	51.87	-8.80	QP
0.25	Line	*	46.18	61.87	51.87	-5.69	AVG
0.37	Line	42.92	*	58.51	48.51	-15.59	QP
0.50	Line	38.51	*	56.08	46.08	-17.57	QP
3.77	Line	48.41	*	56.00	46.00	-7.59	QP
3.77	Line	*	31.60	56.00	46.00	-14.40	AVG

Remark

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(2) Measuring frequency range from 150KHz to 30MHz。


80.0 dBuV
Limit:
AVG:
1
3
5
7
8
9
40
0.0
0.150
0.5
(MHz)
5
30.000

EUT：	Wireless Battery Free Optical Mouse	Model No. ：	NB-72D
Temperature：	23 ℃	Relative Humidity：	54%
Pressure：	1015hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	TX 124.5 KHz		

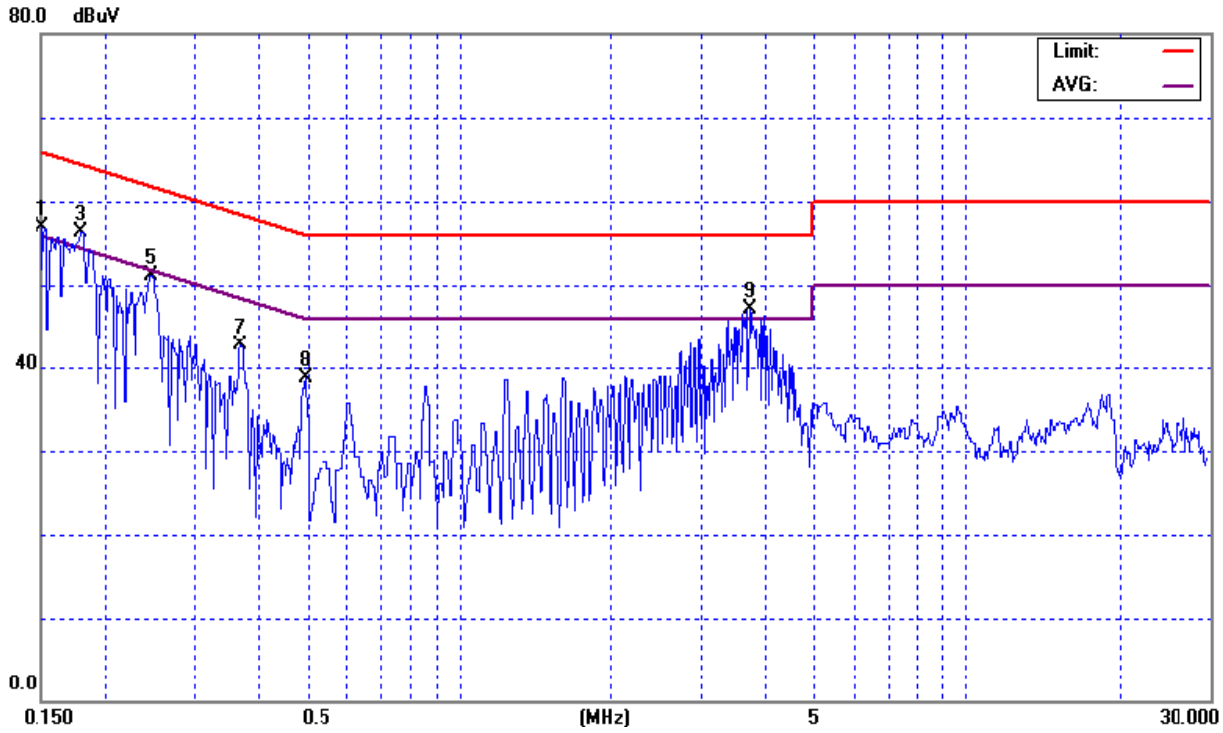
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.15	Neutral	56.87	*	66.00	56.00	-9.13	QP
0.15	Neutral	*	25.78	56.00	46.00	-30.22	AVG
0.18	Neutral	56.25	*	64.51	54.51	-8.26	QP
0.18	Neutral	*	32.17	54.51	44.51	-12.34	AVG
0.25	Neutral	51.17	*	61.87	51.87	-10.70	QP
0.25	Neutral	*	45.07	51.87	41.87	-6.80	AVG
0.37	Neutral	42.66	*	58.52	48.52	-15.86	QP
0.50	Neutral	38.67	*	56.08	46.08	-17.41	QP
3.73	Neutral	47.02	*	56.00	46.00	-8.98	QP
3.73	Neutral	*	31.99	46.00	36.00	-14.01	AVG

Remark

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(2) Measuring frequency range from 150KHz to 30MHz。

`


80.0 dBuV
Limit:
AVG:
1
3
5
7
8
9
40
0.0
0.150
0.5
(MHz)
5
30.000

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

Frequency (MHz)	Field Strength Limitation		Field Strength Limitation at 3m Measurement Dist	
	(uV/m)	Dist	(uV/m)	(dBuV/m)
0.009 – 0.490	2400 / F(KHz)	300m	10000 * 2400/F(KHz)	20log 2400/F(KHz) + 80
0.490 – 1.705	24000 / F(KHz)	30m	100 * 24000/F(KHz)	20log 24000/F(KHz) + 40
1.705 – 30.00	30	30m	100* 30	20log 30 + 40
30.0 – 88.0	100	3m	100	20log 100
88.0 – 216.0	150	3m	150	20log 150
216.0 – 960.0	200	3m	200	20log 200
Above 960.0	500	3m	500	20log 500

Notes:

(1) The tighter limit shall apply at the boundary between two frequency range.

(2) Limitation expressed in dBuV/m is calculated by 20log Emission Level (uV/m).

(3) If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula of $L_{d1} = L_{d2} * (d_2/d_1)^2$.
Example:
F.S Limit at 30m distance is 30uV/m , then F.S Limitation at 3m distance is adjusted as $L_{d1} = L_1 = 30uV/m * (10)^2 = 100 * 30$ uV/m

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	MESS-ELEKTRONIK	VULB 9160	3058	Nov. 28, 2007
2	Test Cable	N/A	10M_OS02	N/A	Nov. 28, 2007
3	Test Cable	N/A	OS02-1/-2/-3	N/A	Nov. 28, 2007
4	Pre-Amplifier	Anritsu	MH648A	M09961	Nov. 28, 2007
5	EMI Test Receiver	R&S	ESCI	100082	Feb. 01, 2008
6	Antenna Mast	Chance Most	CMTB-1.5	N/A	N/A
7	Turn Table	Chance Most	CMTB-1.5	N/A	N/A
8	Loop Ant	EMCO	6502	00042960	Jan. 13, 2008

Remark: ” N/A” denotes No Model No. / Serial No. and No Calibration specified.

4.2.2

Spectrum Parameter	**Setting**
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (other emission)	100KHz / 100KHz for peak

Receiver Parameter	**Setting**
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

4.2.3 TEST PROCEDURE

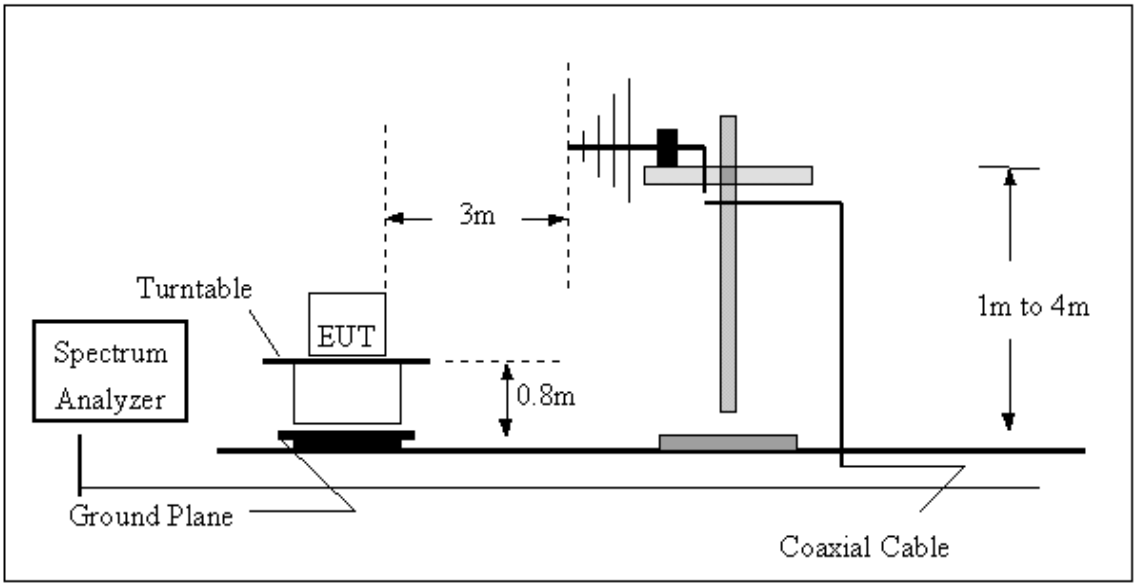
a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

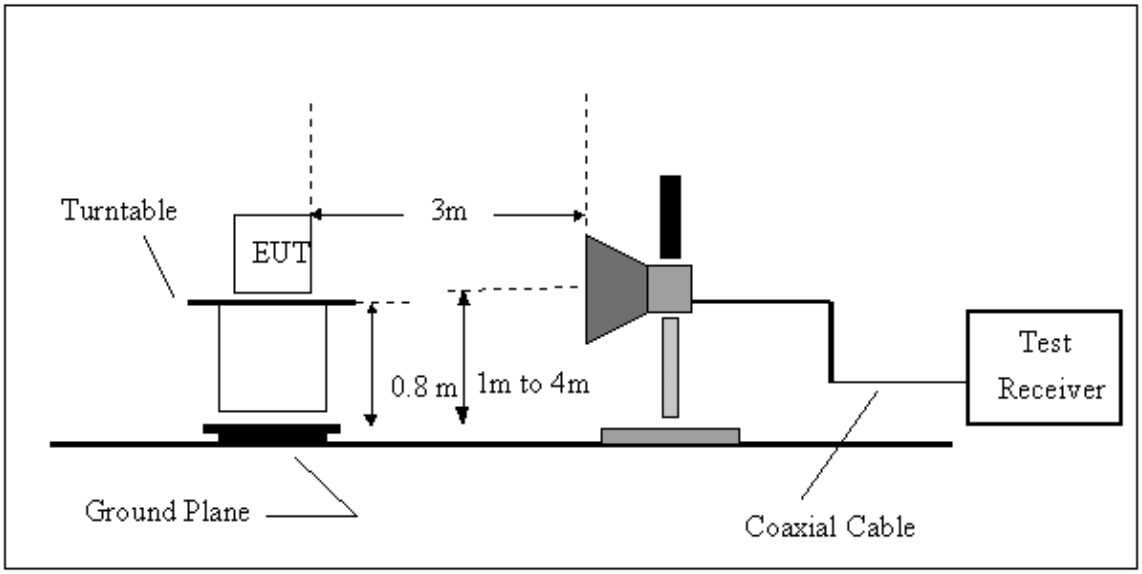
No deviation

4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

4.2.6 **EUT OPERATING CONDITIONS**

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 **TEST RESULTS** (Below 30MHz)

EUT：	Wireless Battery Free Optical Mouse	Model No. ：	NB-72D
Temperature：	28 ℃	Relative Humidity：	56 %
Pressure：	1004 hPa	Test Power ：	AC 120V/60Hz
Test distance ：	3m		
Test Mode ：	TX 124.5 KHz		

Freq. (KHz)	Receiver Reading in dBuV/m	Factor (dB)	Field Strength Limit (uV/m)	Required Measurement Distance(m)	Limitation Converted 3m dist. (dBuV/m)	Over Limit	Dectector Mode PK/AV
124.50	84.57	13.00	19.28	300.00	105.70	- 8.13	Peak
249.00	43.62	12.80	9.64	300.00	99.68	- 43.26	Peak
373.50	40.13	12.80	6.43	300.00	96.16	- 43.23	Peak
498.00	35.87	12.70	48.19	30.00	73.66	- 25.09	Peak
622.50	-	12.70	38.55	30.00	71.72	-	Peak
747.00	-	12.80	32.13	30.00	70.14	-	Peak
871.50	-	12.80	27.54	30.00	68.80	-	Peak
996.00	-	12.80	24.10	30.00	67.64	-	Peak
1120.50	-	12.90	21.42	30.00	66.62	-	Peak
1245.00	-	12.90	19.28	30.00	65.70	-	Peak

Remark：

(1) Spectrum Setting:
9 KHz – 150 KHz, RBW= 1 KHz, VBW=1 KHz, Sweep time = 200 ms.
150 K Hz – 30 MHz, RBW= 9 KHz, VBW=9 KHz, Sweep time = 200 ms.
30 MHz – 1000 MHz, RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

(2) All receiver readings (the measured field strength levels) are measured from loop antenna directly.

(3) The emission limits shown in the above table are base on measurements employing a quasi-peak detector except for the frequency bands 9-90 KHz, 110-490 KHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

(4) Data of measurement within this frequency range shown " - " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

(Between 30 – 1000 MHz)

EUT：	Wireless Battery Free Optical Mouse	Model No. ：	NB-72D
Temperature：	26 ℃	Relative Humidity：	60 %
Pressure：	1004 hPa	Test Power ：	AC 120V/60Hz
Test distance ：	3m		
Test Mode ：	TX 124.5 KHz		

Freq. (MHz)	Ant.Pol. H/V	DetectorMode (PK/AV)	Reading (dBuV)	Ant./CL/ Amp. CF(dB)	Actual FS (dBuV/m)	Limits 3m (dBuV/m)	Margin (dB)	Note
99.84	V	Peak	63.80	-27.14	36.67	43.50	- 6.83	
220.12	V	Peak	54.34	-24.99	29.35	46.00	- 16.65	
299.66	V	Peak	54.53	-22.61	31.92	46.00	- 14.08	
365.62	V	Peak	57.89	-20.97	36.92	46.00	- 9.08	
386.96	V	Peak	51.66	-20.21	31.45	46.00	- 14.55	
431.58	V	Peak	53.78	-18.73	35.05	46.00	- 10.95	
499.48	V	Peak	53.43	-17.38	36.05	46.00	- 9.95	
528.58	V	Peak	47.99	-16.88	31.11	46.00	- 14.89	
623.64	V	Peak	43.74	-13.41	30.33	46.00	- 15.67	
701.24	V	Peak	42.96	-11.25	31.71	46.00	- 14.29	
815.70	V	Peak	38.11	-7.81	30.30	46.00	- 15.70	
899.12	V	Peak	39.16	-6.20	32.96	46.00	- 13.04	
1000.00	V	Peak	45.53	-4.42	41.11	54.00	- 12.98	

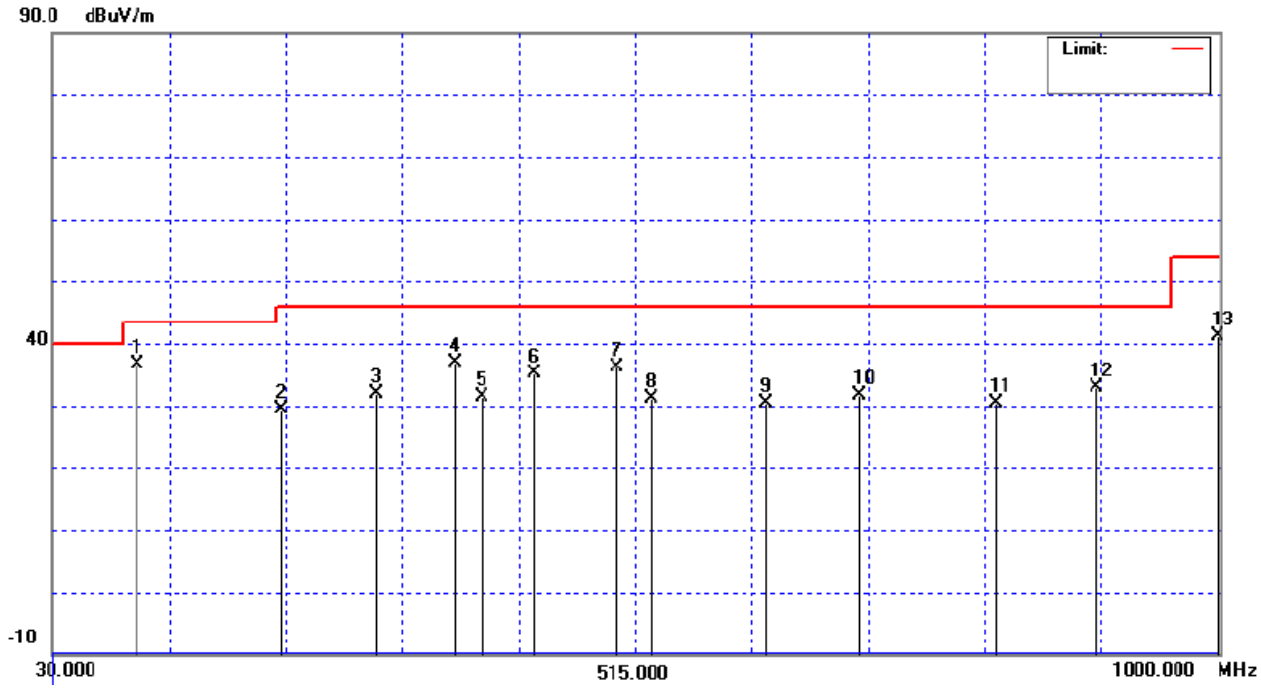
Remark：

(1) Spectrum Setting:
9 KHz – 150 KHz, RBW= 1 KHz, VBW=1 KHz, Sweep time = 200 ms.
150 K Hz – 30 MHz, RBW= 9 KHz, VBW=9 KHz, Sweep time = 200 ms.
30 MHz – 1000 MHz, RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn‘t perform。

(3) Measuring frequency range from 30MHz to 1000MHz(@10m)。

(4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table。


90.0 dBuV/m
Limit:
40
-10
30.000
515.000
1000.000 MHz
1
2
3
4
5
6
7
8
9
10
11
12
13

EUT：	Wireless Battery Free Optical Mouse	Model No. ：	NB-72D
Temperature：	26 ℃	Relative Humidity：	60 %
Pressure：	1004 hPa	Test Power ：	AC 120V/60Hz
Test distance ：	3m		
Test Mode ：	TX 124.5 KHz		

Freq. (MHz)	Ant.Pol. H/V	DetectorMode (PK/AV)	Reading (dBuV)	Ant./CL/ Amp. CF(dB)	Actual FS (dBuV/m)	Limits 3m (dBuV/m)	Margin (dB)	note
99.84	H	Peak	61.49	-27.13	34.36	43.50	- 9.14	
220.12	H	Peak	60.54	-24.99	35.55	46.00	- 10.45	
299.66	H	Peak	55.53	-22.61	32.92	46.00	- 13.08	
365.62	H	Peak	59.60	-20.97	38.63	46.00	- 7.37	
433.52	H	Peak	47.69	-18.66	29.03	46.00	- 16.97	
499.48	H	Peak	45.69	-17.38	28.31	46.00	- 17.69	
528.58	H	Peak	46.71	-16.88	29.83	46.00	- 16.17	
666.32	H	Peak	41.53	-12.20	29.33	46.00	- 16.67	
765.26	H	Peak	38.77	-8.82	29.95	46.00	- 16.05	
901.06	H	Peak	38.05	-6.61	31.89	46.00	- 14.11	
1000.00	H	Peak	38.69	-4.42	34.27	54.00	- 19.73	

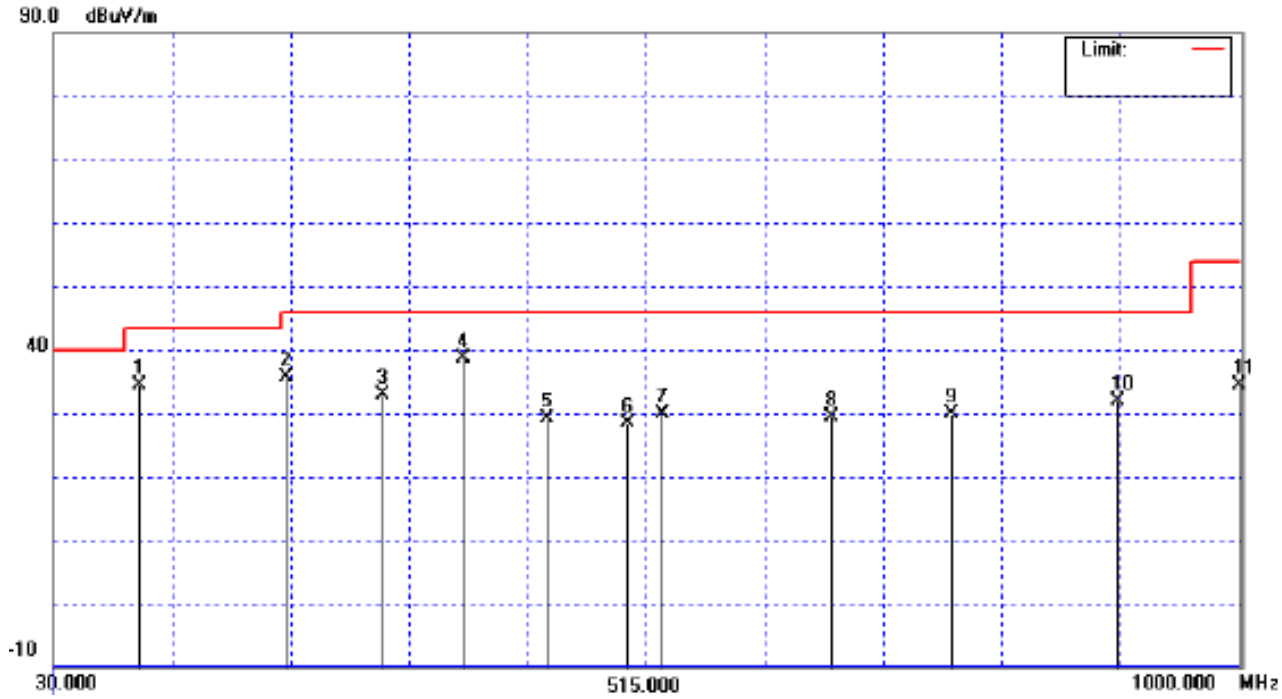
Remark：

(1) Spectrum Setting:
9 KHz – 150 KHz, RBW= 1 KHz, VBW=1 KHz, Sweep time = 200 ms.
150 K Hz – 30 MHz, RBW= 9 KHz, VBW=9 KHz, Sweep time = 200 ms.
30 MHz – 1000 MHz, RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

(2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn‘t perform。

(3) Measuring frequency range from 30MHz to 1000MHz(@10m)。

(4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table。


90.0 dBuV/m
Limit:
40
-10
30.000
515.000
1000.000
MHz
1
2
3
4
5
6
7
8
9
10
11

5. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos

Radiated Emission Test Set-up, Frequency Below 30MHz

Radiated Measurement Photos

Radiated Emission Test Set-UP, Frequency Between 30 - 1000MHz