





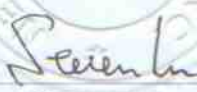
Neutron Engineering Inc.

FCC Radio TEST Report

FCC ID: TSZ9865W

Issued Date : Feb. 16, 2009
Project No. : 0901C070
Equipment : Wireless Memo Mouse with USB receiver 9865W
Model Name. : 9865W
Applicant : Chows Industrial (China) Limited
Address : Rm 3A, JinFeng Building, 1001 ShanBu south
Rd, FuTian, ShenZhen city, China

Tested by:
Neutron Engineering Inc. EMC Laboratory
Date of Test:
Jan. 19, 2009 ~ Feb. 13, 2009

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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 Memo Mouse with USB receiver 9865W
Trade Name : CHOWS
Model Name. : 9865W
Applicant : Chows Industrial (China) Limited
Date of Test : Jan. 19, 2009 ~ Feb. 13, 2009
Test Item : ENGINEERING SAMPLE
Standards : FCC Part15, Subpart C(15.227) / ANSI C63.4 : 2003/
RSS-310:Issue 2(2007-06)

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-1-0901C070) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).



2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Applied Standard: 47 CFR FCC Part 15 Subpart C(15.227)/RSS-310:Issue 2(2007-06)				
Standard Section	Standard Section	Test Item	Judgment	Remark
RSS Gen 7.2.2	15.207	Conducted Emission	-	Note(1)
3.8 Table(2)/(3)	15.227(a)	Field Strength of Fundamental Emissions	PASS	
RSS Gen 4.6	15.215(c)	20dB Spectrum Bandwidth	PASS	
3.8/3.4.2	15.227(b)	Radiated Emissions	PASS	
3.8 Table(2)/(3)	15.227(b)	Band Edge Emissions	PASS	
RSS Gen 7.1.4	15.203	Antenna Requirements	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.

Neutron's test firm number is 95335

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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

Equipment	Wireless Memo Mouse with USB receiver 9865W	
Trade Name	CHOWS	
Model Name.	9865W	
OEM Brand/Model No.	N/A	
Model Difference	N/A	
Product Description	The EUT is a Wireless Memo Mouse with USB receiver 9865W	
	Operation Frequency:	27.045 MHz
	Modulation Type:	FM
	Number Of Channel	1 CH
	Antenna Designation:	Integral Loop antenna
	Max. Field strength	43.82 dBuV/m
	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.	
Power Source	DC Voltage from 2*AAA size battery (Mouse)	
Power Rating	DC 3.0Vdc (Mouse)	
Connecting I/O Port(s)	Please refer to the User's Manual	
Products Covered	N/A	
EUT Modification(s)	N/A	

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 generated 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 Mode	Description
Mode 1	TX CH 01-27.045MHz

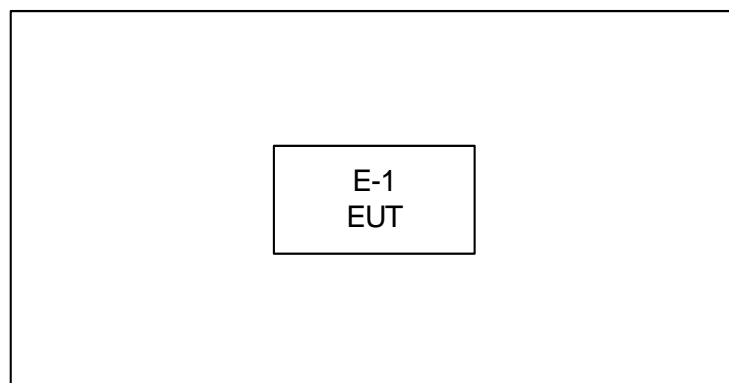
For Conducted Test	
Final Test Mode	Description
	N/A - denotes test is not applicable in this test report

For Radiated Test	
Final Test Mode	Description
Mode 1	TX CH 01-27.045MHz

- 1) The Mouse used the new battery



3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED





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 Memo Mouse with USB receiver 9865W	CHOWS	9865W	TSZ9865W	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

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. FIELD STRENGTH OF FUNDAMENTAL EMISSIONS MEASUREMENT

4.1.1. LIMIT

The field strength of emissions within these bands specified at a distance of 3 meters shall comply with the following table.

Frequency Band	Fundamental Emissions Limit (dBuV/m) at 3m
26.96 ~ 27.28 MHz	80 (Average)
26.96 ~ 27.28 MHz	100 (Peak)

4.1.2. MEASURING INSTRUMENTS AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3058	Nov. 26, 2009
2	Test Cable	N/A	10M_OS02	N/A	Nov. 26, 2009
3	Test Cable	N/A	OS02-1/-2/-3	N/A	Nov. 26, 2009
4	Pre-Amplifier	Anritsu	MH648A	M09961	Nov. 26, 2009
5	EMI Test Receiver	R&S	ESCI	100082	Jan. 29, 2010
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	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 06, 2010
9	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-325	Oct. 23, 2009
10	Horn Antenna	Schwarzbeck	BBHA9170	9170187	Oct. 24, 2009
11	Microwave Pre_amplifier	Agilent	8449B	3008A01714	Mar. 09, 2009
12	Microflex Cable	United Microwave	57793	1m	Mar. 09, 2009
13	Microflex Cable	United Microwave	A30A30-500 6	10M	Jul. 06, 2009

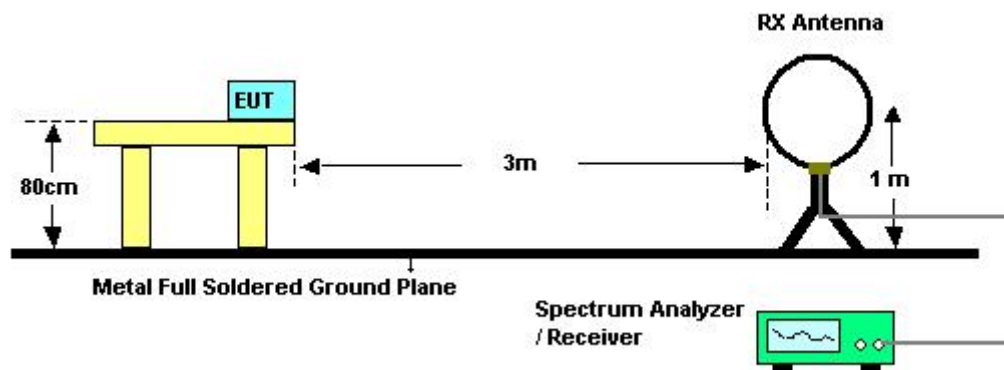
Please refer to section 5 in this report. The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	Auto
Center Frequency	Fundamental Frequency
RB	9 kHz
Detector	Peak / Average

4.1.3. TEST PROCEDURES

1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the loop receiving antenna mounted antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the receiving antenna was fixed at one meter above ground to find the maximum emissions field strength.
4. For Fundamental emissions, use the receiver to measure peak and average reading.
5. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.

4.1.4. TEST SETUP LAYOUT



4.1.5. TEST DEVIATION

There is no deviation with the original standard.

4.1.6. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.



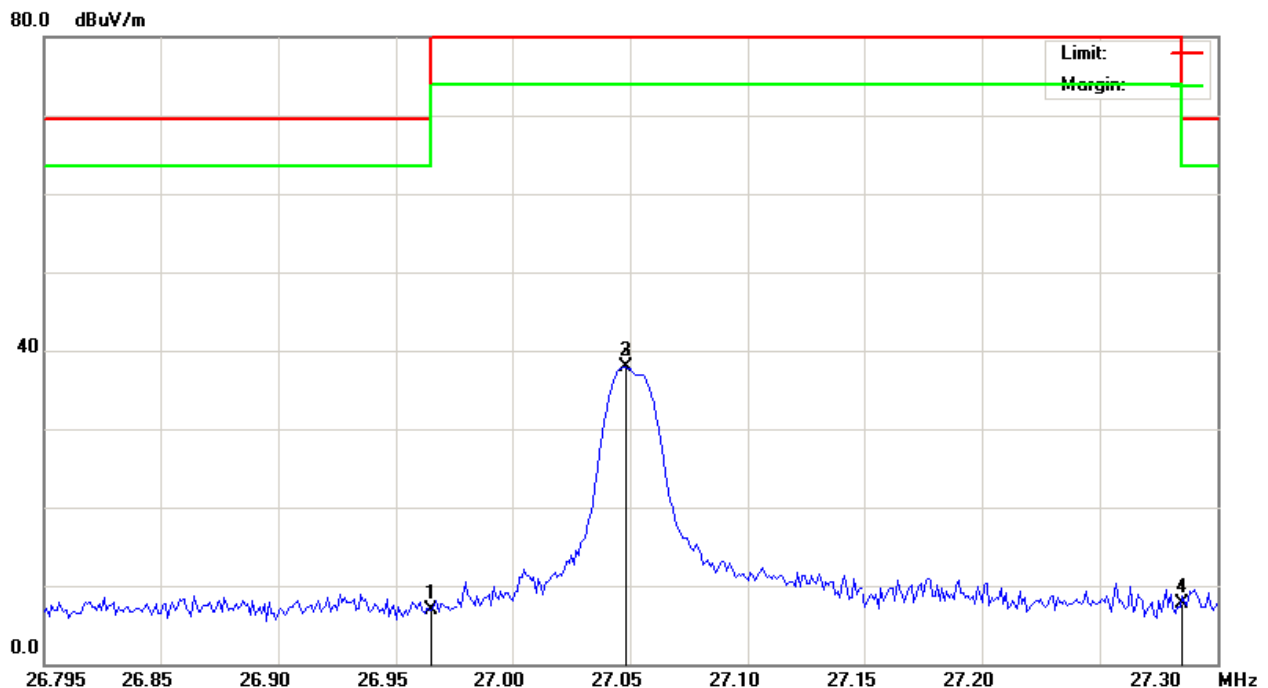
4.1.7. TEST RESULT OF FIELD STRENGTH OF FUNDAMENTAL EMISSIONS

EUT :	Wireless Memo Mouse with USB receiver 9865W	Model Name :	9865W
Temperature :	21 °C	Relative Humidity :	60%
Pressure :	1010hPa	Test Voltage :	DC 3.0V
Test Mode :	TX CH01-27.045MHz		

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
26.96	V	15.84	-8.89	6.99	69.50	- 62.51	E/QP
27.04	V	46.85	-8.89	37.96	100.00	- 62.04	F/PK
27.04	V	46.80	-8.89	37.91	80.00	- 42.09	F/AV
27.28	V	16.17	-8.99	7.77	69.50	- 61.73	E/QP

Remark :

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz .
- (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 measurement didn't perform .
- (3) Measuring frequency range from 30MHz to 1000MHz .
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table .





EUT :	Wireless Memo Mouse with USB receiver 9865W	Model Name :	9865W
Temperature :	21 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Power :	DC 3.0V
Test Mode :	TX Mode 27.045MHz		

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
26.96	H	18.10	-8.85	9.25	69.50	- 60.25	E/QP
27.04	H	52.70	-8.88	43.82	100.00	- 56.18	F/PK
27.04	H	52.50	-8.88	43.62	80.00	- 36.38	F/AV
27.28	H	19.66	-8.99	10.67	69.50	- 58.83	E/QP

Remark :

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz .
- (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 measurement didn't perform .
- (3) Measuring frequency range from 30MHz to 1000MHz .
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table .



4.2. 20dBc SPECTRUM BANDWIDTH MEASUREMENT

4.2.1.LIMIT

Intentional radiators must be designed to ensure that the 20 dB bandwidth of the emissions in the specific band (26.96 ~ 27.28 MHz).

4.2.2 MEASURING INSTRUMENTS AND SETTING

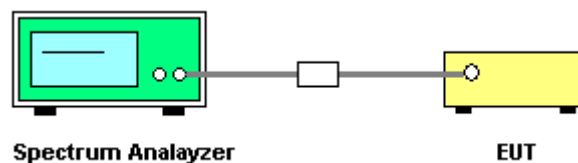
Please refer to section 5 in this report. The following table is the setting of the Spectrum Analyzer.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 20dB Bandwidth
RB	1 kHz
VB	1 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

4.2.3.TEST PROCEDURES

1. The transmitter output (antenna port) was connected to the spectrum analyser in peak hold mode.
2. The resolution bandwidth of 1 kHz and the video bandwidth of 1 kHz were used.
3. Measured the spectrum width with power higher than 20dB below carrier.

4.2.4.TEST SETUP LAYOUT



4.2.5.TEST DEVIATION

There is no deviation with the original standard.

4.2.6. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.



4.2.7. TEST RESULT OF 20dB SPECTRUM BANDWIDTH.

EUT :	Wireless Memo Mouse with USB receiver 9865W	Model Name :	9865W
Temperature :	23 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Power :	DC 3.0V
Test Mode :	TX CH 01-27.045MHz		

Frequency	20dB BW (kHz)	99% OBW (KHz)	Frequency range (MHz) $f_L > 26.96\text{MHz}$	Frequency range (MHz) $f_H < 27.28\text{MHz}$	Test Result
27.045 MHz	35.90	31.137	PASS	PASS	Complies



1Pk View

* Att 0 dB
Ref -11.0 dBm

* RBW 10 kHz
* VBW 10 kHz
SWT 10ms

M3[1] -76.50 dBm
27.28000000 MHz

ndB 20.00 dB
Bw 35.90000000 kHz

M1[1] -30.54 dBm
27.04380000 MHz

M2[1] -76.40 dBm
26.96000000 MHz

T1[1] -50.70 dBm
27.02700000 MHz

T2[1] -53.21 dBm
27.06300000 MHz

M2 -76.50 dBm
27.04380000 MHz

M3 -76.50 dBm
27.28000000 MHz

F1 F2

CF 27.045 MHz Span 600.0 kHz

Date: 16.FEB.2009 03:08:16

[illegible]

Date: 16.FEB.2009 03:08:16



4.3. RADIATED EMISSIONS MEASUREMENT

4.3.1. LIMIT

The field strength of any emissions which appear outside of 26.96 ~ 27.28 MHz band shall not exceed the general radiated emissions limits in Section 15.209(a)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.3.2. MEASURING INSTRUMENTS AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3058	Nov. 26, 2009
2	Test Cable	N/A	10M_OS02	N/A	Nov. 26, 2009
3	Test Cable	N/A	OS02-1/-2/-3	N/A	Nov. 26, 2009
4	Pre-Amplifier	Anritsu	MH648A	M09961	Nov. 26, 2009
5	EMI Test Receiver	R&S	ESCI	100082	Jan. 29, 2010
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	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 06, 2010
9	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-325	Oct. 23, 2009
10	Horn Antenna	Schwarzbeck	BBHA9170	9170187	Oct. 24, 2009
11	Microwave Pre_amplifier	Agilent	8449B	3008A01714	Mar. 09, 2009
12	Microflex Cable	United Microwave	57793	1m	Mar. 09, 2009
13	Microflex Cable	United Microwave	A30A30-500 6	10M	Jul. 06, 2009

Please refer to section 5 in this report. The following table is the setting of receiver.

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

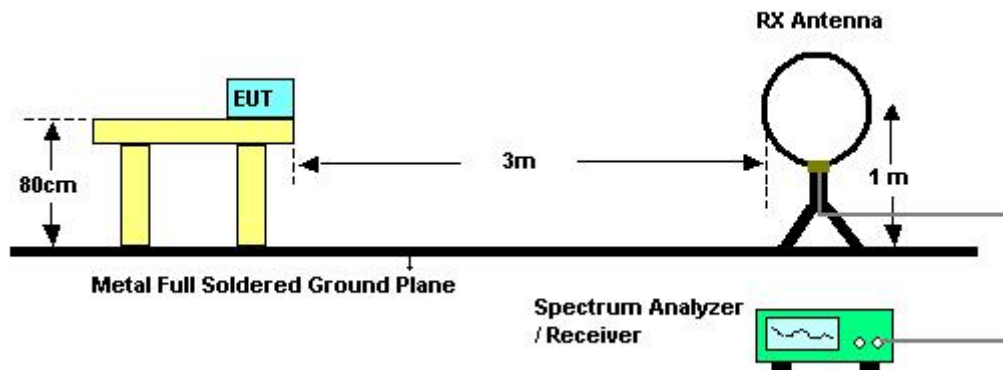


4.3.3. TEST PROCEDURES

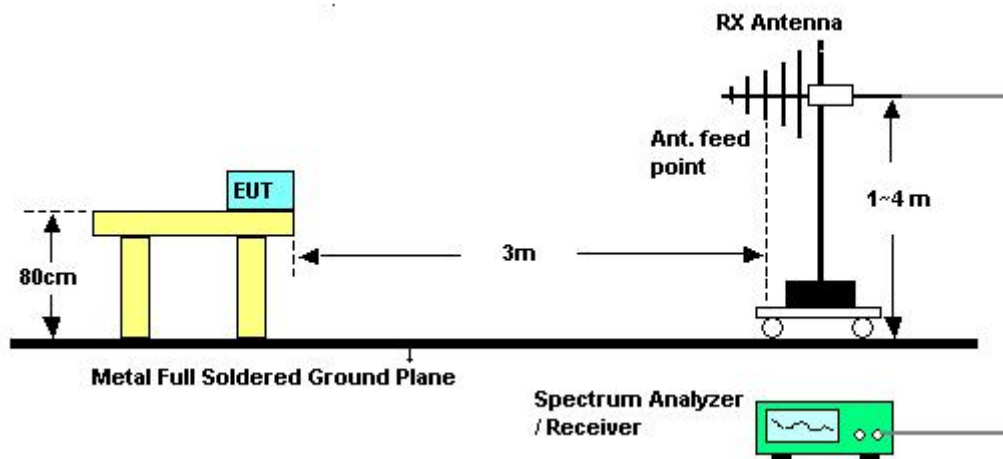
1. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
7. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

4.3.4. TEST SETUP LAYOUT

For radiated emissions below 30MHz



For radiated emissions above 30MHz



4.3.5. TEST DEVIATION

There is no deviation with the original standard.

4.3.6. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.



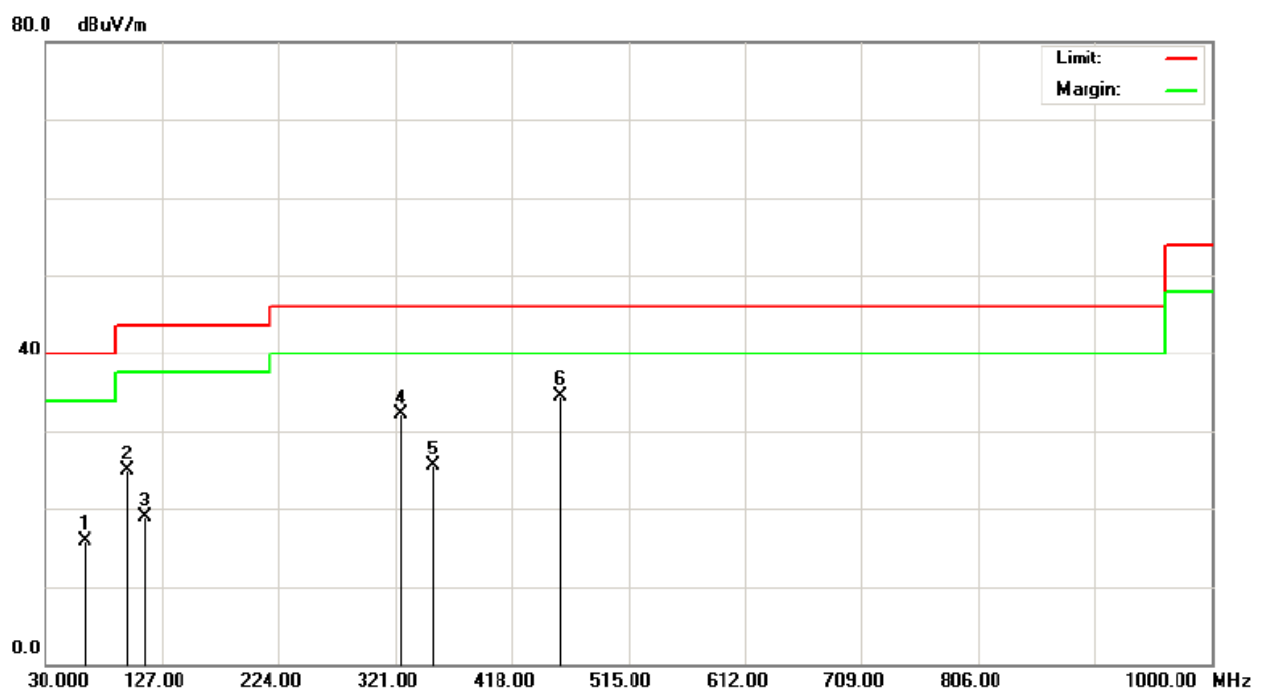
4.3.7.TEST RESULTS (30MHz~1GHz)

EUT :	Wireless Memo Mouse with USB receiver 9865W	Model Name :	9865W
Temperature :	21 °C	Relative Humidity :	60%
Pressure :	1010hPa	Test Voltage :	DC 3.0V
Test Mode :	TX CH01-27.045MHz		

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
62.98	V	37.71	-21.86	15.85	40.00	- 24.15	
97.90	V	44.59	-19.78	24.81	43.50	- 18.69	
113.42	V	39.11	-20.15	18.96	43.50	- 24.54	
324.88	V	44.75	-12.65	32.10	46.00	- 13.90	
352.04	V	37.47	-11.88	25.59	46.00	- 20.41	
458.74	V	44.12	-9.59	34.53	46.00	- 11.47	

Remark :

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz .
- (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 measurement didn't perform .
- (3) Measuring frequency range from 30MHz to 1000MHz .
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table .



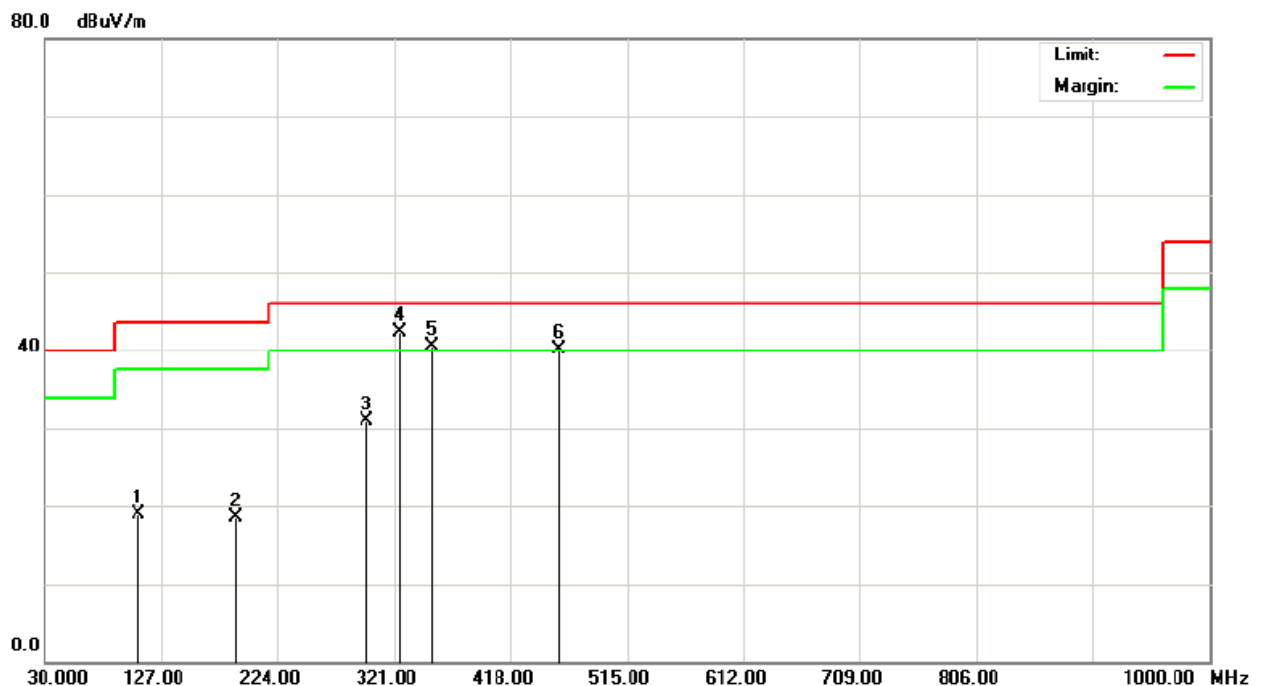


EUT :	Wireless Memo Mouse with USB receiver 9865W	Model Name :	9865W
Temperature :	21 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Power :	DC 3.0V
Test Mode :	TX Mode 27.045MHz		

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
107.60	H	38.72	-19.87	18.85	43.50	- 24.65	
189.08	H	36.64	-18.22	18.42	43.50	- 25.08	
297.72	H	44.76	-13.83	30.93	46.00	- 15.07	
324.88	H	54.90	-12.65	42.25	46.00	- 3.75	(QP)
352.04	H	52.30	-11.88	40.42	46.00	- 5.58	(QP)
458.74	H	49.70	-9.59	40.11	46.00	- 5.89	(QP)

Remark :

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW=120KHz, Swp. Time = 0.3 sec./MHz .
- (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 measurement didn't perform .
- (3) Measuring frequency range from 30MHz to 1000MHz .
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table .





4.4. BAND EDGE EMISSION MEASUREMENT

4.4.1. LIMIT

Band edge emissions outside of the frequency bands shown in below table.

Outside Frequency Band Edge	Limit (dBUV/m) at 3m
Low band edge	69.54 (QP)
High band edge	69.54 (QP)

4.4.2. MEASURING INSTRUMENTS AND SETTING

Please refer to section 5 in this report. The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	Auto
Center Frequency	Fundamental Frequency
RB	9 KHz
Detector	QP or Peak

4.4.3. TEST PROCEDURES

The test procedure is the same as section 4.2.3, only the frequency range investigated is limited to 2MHz around bandedges.

4.4.4. TEST SETUP LAYOUT

This test setup layout is the same as that shown in section 4.2.4.

4.4.5. TEST DEVIATION

There is no deviation with the original standard.

4.4.6. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.



4.4.7. TEST RESULT OF BAND EDGE AND FUNDAMENTAL EMISSIONS

EUT :	Wireless Memo Mouse with USB receiver 9865W	Model Name :	9865W
Temperature :	21 °C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Power :	DC 3.0V
Test Mode :	TX Mode 27.045MHz		

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
26.96	V	15.84	-8.85	6.99	69.50	- 62.51	E/QP
27.28	V	16.76	-8.99	7.77	69.50	- 61.73	E/QP

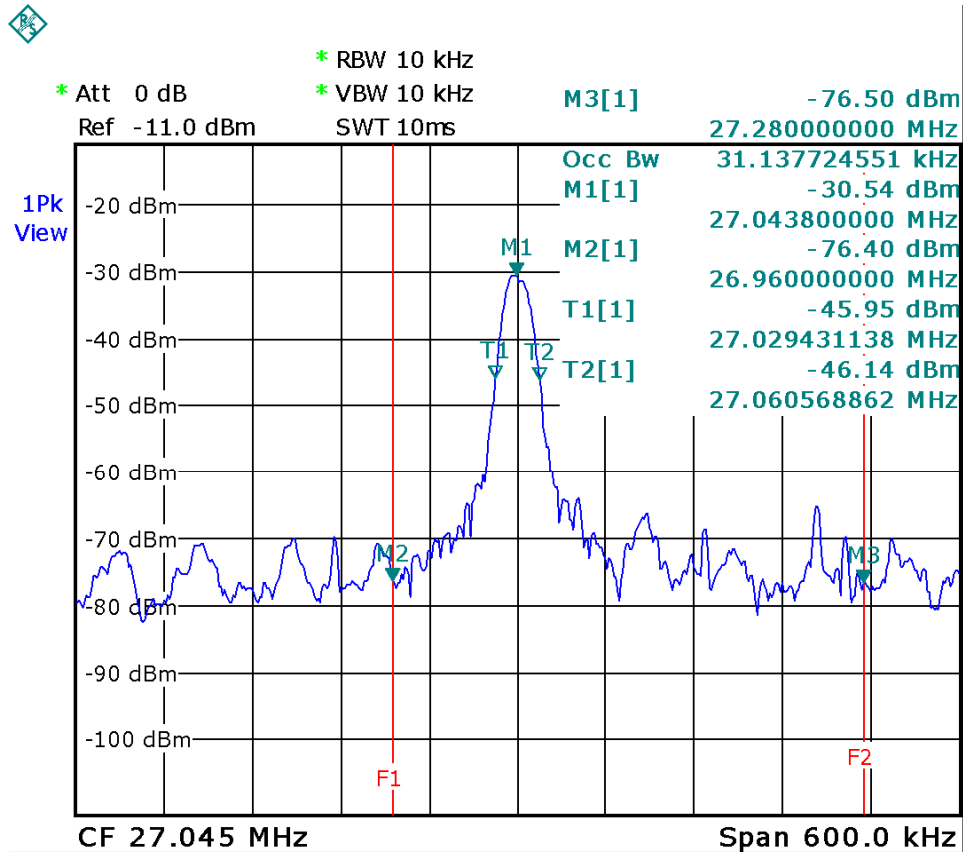
Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
26.96	H	18.10	-8.85	9.25	69.50	- 60.25	E/QP
27.28	H	19.66	-8.99	10.67	69.50	- 58.83	E/QP

Note:

Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

Low /High Band Edge Plot on 27.045 MHz



Date: 16.FEB.2009 03:08:16



4.5. ANTENNA REQUIREMENTS

4.5.1. LIMITS

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable.

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

4.5.2. ANTENNA CONNECTOR CONSTRUCTION

Please refer to section 3.3 in this test report, all antenna connectors comply with the requirements.



5. EUT TEST PHOTO

Radiated Measurement Photos

