

FCC TEST REPORT

REPORT NO.: RF980429L15

MODEL NO.: C-WM01-S9 (refer to item 3.1 for more details)

TESTED: May 04, 2009 **ISSUED:** May 11, 2009

APPLICANT: DEXIN Corporation

ADDRESS: 14F-8, No 258, Lian Cheng Rd., Chung Ho City,

Taipei Hsien, Taiwan, R.O.C.

ISSUED BY: Bureau Veritas Consumer Products Services

(H.K.) Ltd., Taoyuan Branch

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Tsuen, Lin Kou

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Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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1. CERTIFICATION

PRODUCT: Wireless Laser Mouse

MODEL NO.: C-WM01-S9 (refer to item 3.1 for more details)

BRAND: CHOIIX

APPLICANT: DEXIN Corporation

TESTED: May 04, 2009

TEST SAMPLE: ENGINEERING SAMPLE

STANDARDS: FCC Part 15, Subpart C (Section 15.249)

ANSI C63.4-2003

The above equipment (model: C-WM01-S9) have been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : , DATE : May 11, 2009

Joanna Wang / Senior Specialist

TECHNICAL

ACCEPTANCE: LONG Chem , DATE: May 11, 2009

Responsible for RF Long Chen / Senior Engineer

APPROVED BY: (Jan C) , DATE: May 11, 2009

Gary Chang / Assistant Manager



2. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C (Section 15.249)						
STANDARD PARAGRAPH TEST TYPE RESULT REMARK						
15.207	Conducted Emission Test	NA	Power supply is 3Vdc from batteries.			
Radiated Emission Test 15.209 Band Edge Measurement 15.249 Limit: 50dB less than the peak value of fundamental frequency or meet radiated emission limit in section 15.209		PASS	Meet the requirement of limit. Minimum passing margin is -9.76dB at 4880.00MHz.			

2.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY	
	30MHz ~ 200MHz	2.93dB	
Radiated emissions	200MHz ~1000MHz	2.95dB	
Radiated emissions	1GHz ~ 18GHz	2.26dB	
	18GHz ~ 40GHz	1.94dB	

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Wireless Laser Mouse
MODEL NO.	C-WM01-S9 (refer to NOTE 1 for more details)
FCC ID	NIYMWL83-AA6N
POWER SUPPLY	3Vdc from batteries (1.5V AAA x 2)
MODULATION TYPE	GFSK
DATA RATE	2M bit/sec
OPERATING FREQUENCY	2406 ~ 2478MHz
NUMBER OF CHANNEL	5
ANTENNA TYPE	Copper trace antenna
DATA CABLE	NA
I/O PORT	NA
ACCESSORY DEVICES	NA

NOTE:

1. The following models are provided to this EUT.

MODEL	DESCRIPTION	
C-WM01-S9	For marketing different	
C-WM01-W2	1 of marketing different	

^{*}Model C-WM01-S9 was chosen as the representative for testing.

2. The above EUT information was declared by the manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

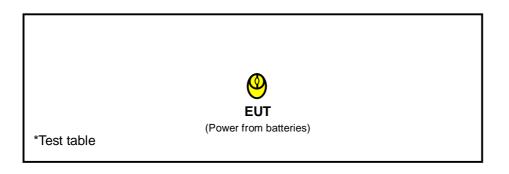


3.2 DESCRIPTION OF TEST MODES

5 channels are provided to this EUT.

Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2406	4	2470
2	2425	5	2478
3	2440		

3.2.1 CONFIGURATION OF SYSTEM UNDER TEST





3.2.2 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE	APPLICABLE TO				DESCRIPTION
MODE	RE ³ 1G	RE<1G	PLC	ВМ	5200 m 110 m
-	√	√	NOTE	√	-

Where PLC: Power Line Conducted Emission RE<1G: Radiated Emission below 1GHz

RE³1G: Radiated Emission above 1GHz BM: Bandedge Measurement NOTE: No need to concern of Conducted Emission due to the EUT is powered by battery.

RADIATED EMISSION TEST (ABOVE 1 GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	
1 to 5	1, 3, 5	GFSK	

RADIATED EMISSION TEST (BELOW 1 GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	
1 to 5	5	GFSK	

BANDEDGE MEASUREMENT:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	
1 to 5	1, 5	GFSK	



3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C (Section 15.249) ANSI C63.4-2003

All test items have been performed and recorded as per the above standards.

NOTE: The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit.



4. TEST TYPES AND RESULTS

4.1 RADIATED EMISSION MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209, 15.249 as following:

15.209 Limit					
Frequencies (MHz)	Field strength (microvolts/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			
15.249 Limit					
Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)			
902 ~ 928 MHz	50	500			
2400 ~ 2483.5 MHz	50	500			
5725 ~ 5875 MHz	50	500			
24 ~ 24.25 GHz	250	2500			

NOTE:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level $(dBuV/m) = 20 \log Emission level (uV/m)$.
- 3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
Test Receiver ROHDE & SCHWARZ	ESIB7	100212	May 28, 2008	May 27, 2009
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100269	Aug. 08, 2008	Aug. 07, 2009
BILOG Antenna SCHWARZBECK	VULB9168	9168-156	Apr. 30, 2009	Apr. 29, 2010
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-563	Aug. 06, 2008	Aug. 05, 2009
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170242	Jan. 06, 2009	Jan. 05, 2010
Loop Antenna	HFH2-Z2	100070	Jan. 14, 2008	Jan. 13, 2010
Preamplifier Agilent	8449B	3008A01911	Sep. 10, 2008	Sep. 09, 2009
Preamplifier Agilent	8447D	2944A10638	Dec. 26, 2008	Dec. 25, 2009
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	218190/4 231241/4	May 20, 2008	May 19, 2009
RF signal cable Worken	8D-FB	Cable-HYCH9-01	Aug. 09, 2008	Aug. 08, 2009
Software	ADT_Radiated_ V7.6.15.9.2	NA	NA	NA
Antenna Tower EMCO	2070/2080	512.835.4684	NA	NA
Turn Table EMCO	2087-2.03	NA	NA	NA
Antenna Tower & Turn Table Controller EMCO	2090	NA	NA	NA

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

- 2. The test was performed in HwaYa Chamber 9.
- 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
- 4. The FCC Site Registration No. is 460141.
- 5. The IC Site Registration No. is IC 7450F-4.



4.1.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE:

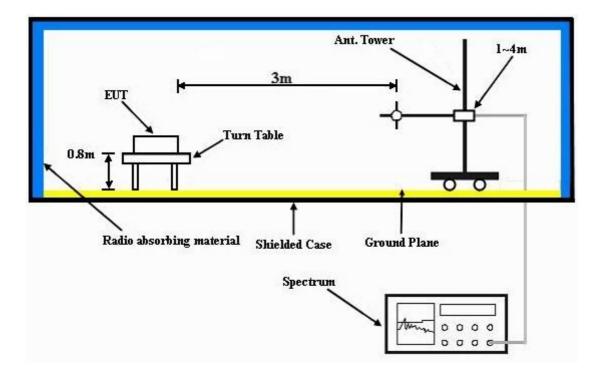
- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- 3. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation.



4.1.5 TEST SETUP



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT OPERATING CONDITIONS

Set the EUT under transmission condition continuously at specific channel frequency.



4.1.7 TEST RESULTS

ABOVE 1GHz DATA

EUT TEST CONDITION		MEASUREMENT DETAIL		
CHANNEL Channel 1		FREQUENCY RANGE	1 ~ 25GHz	
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Peak (PK) Average (AV)	
ENVIRONMENTAL CONDITIONS	24deg. C, 64%RH 1013hPa	TESTED BY	Match Tsui	

		ANTENNA	POLARITY	& TEST DIS	TANCE: HO	RIZONTAL	AT 3 M	
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.22 PK	74.00	-18.78	1.33 H	284	22.14	33.08
2	2390.00	29.41 AV	54.00	-24.59	1.33 H	284	-3.67	33.08
3	2400.00	46.50 PK	74.00	-27.50	1.33 H	284	13.37	33.13
4	2400.00	28.76 AV	54.00	-25.24	1.33 H	284	-4.37	33.13
5	*2406.00	93.45 PK	114.00	-20.55	1.33 H	284	60.30	33.15
6	*2406.00	75.71 AV	94.00	-18.29	1.33 H	284	42.56	33.15
7	4812.00	59.50 PK	74.00	-14.50	1.01 H	177	20.35	39.15
8	4812.00	41.76 AV	54.00	-12.24	1.01 H	177	2.61	39.15
		ANTENNA	A POLARIT	Y & TEST DI	STANCE: V	ERTICAL A	T 3 M	
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	51.33 PK	74.00	-22.67	1.51 V	45	18.25	33.08
2	2390.00	28.70 AV	54.00	-25.30	1.51 V	45	-4.38	33.08
3	2400.00	41.48 PK	74.00	-32.52	1.51 V	45	8.35	33.13
4	2400.00	23.74 AV	54.00	-30.26	1.51 V	45	-9.39	33.13
5	*2406.00	87.23 PK	114.00	-26.77	1.51 V	45	54.08	33.15
6	*2406.00	69.49 AV	94.00	-24.51	1.51 V	45	36.34	33.15
7	4812.00	61.88 PK	74.00	-12.12	1.10 V	360	22.73	39.15
8	4812.00	44.14 AV	54.00	-9.86	1.10 V	360	4.99	39.15

- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission level Limit value.
- 5. " * ": Fundamental frequency
- 6. The average value of fundamental frequency is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula: 20 log (Duty cycle) = 20 log (12.972 ms / 100 ms) = -17.74 dB Please see page 16 for plotted duty.



EUT TEST CONDITION		MEASUREMENT DETAIL		
CHANNEL Channel 3		FREQUENCY RANGE	1 ~ 25GHz	
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Peak (PK) Average (AV)	
ENVIRONMENTAL CONDITIONS	24deg. C, 64%RH 1013hPa	TESTED BY	Match Tsui	

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2440.00	94.72 PK	114.00	-19.28	1.32 H	285	61.43	33.29	
2	*2440.00	76.98 AV	94.00	-17.02	1.32 H	285	43.69	33.29	
3	4880.00	60.51 PK	74.00	-13.49	1.01 H	187	21.37	39.14	
4	4880.00	42.77 AV	54.00	-11.23	1.01 H	187	3.63	39.14	
		ANTENNA	A POLARIT	/ & TEST DI	STANCE: V	ERTICAL A	T 3 M		
NO.	I I I I I I ANTENNA I I RAW VALUE I							CORRECTION FACTOR (dB/m)	
		(ubuv/iii)				(Degree)		(GD/III)	
1	*2440.00	89.14 PK	114.00	-24.86	1.19 V	340	55.85	33.29	
1 2	*2440.00 *2440.00	,	114.00 94.00	-24.86 -22.60	1.19 V 1.19 V	, ,	55.85 38.11	, ,	
<u> </u>		89.14 PK				340		33.29	

- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission level Limit value.
- 5. " * ": Fundamental frequency
- 6. The average value of fundamental frequency is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula: 20 log (Duty cycle) = 20 log (12.972 ms / 100 ms) = -17.74 dB Please see page 16 for plotted duty.



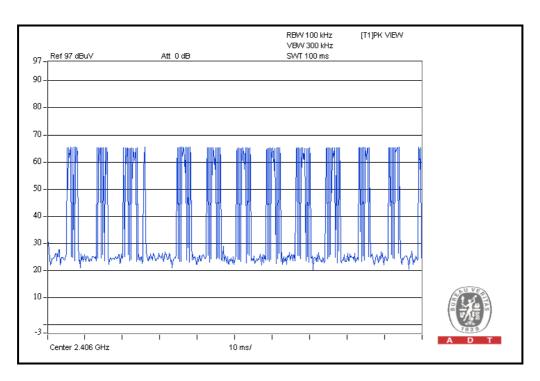
Report Format Version 3.0.0

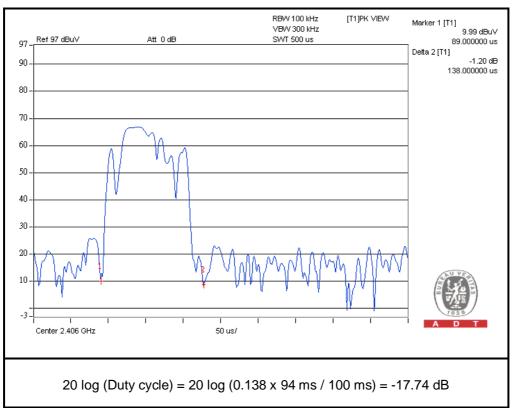
EUT TEST CONDITION		MEASUREMENT DETAIL		
CHANNEL Channel 5		FREQUENCY RANGE	1 ~ 25GHz	
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Peak (PK) Average (AV)	
ENVIRONMENTAL CONDITIONS	24deg. C, 64%RH 1013hPa	TESTED BY	Match Tsui	

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)		
1	*2478.00	95.25 PK	114.00	-18.75	1.30 H	285	61.81	33.44		
2	*2478.00	77.51 AV	94.00	-16.49	1.30 H	285	44.07	33.44		
3	2483.50	48.82 PK	74.00	-25.18	1.30 H	285	15.36	33.46		
4	2483.50	31.08 AV	54.00	-22.92	1.30 H	285	-2.38	33.46		
5	4956.00	59.31 PK	74.00	-14.69	1.01 H	180	19.68	39.63		
6	4956.00	41.57 AV	54.00	-12.43	1.01 H	180	1.94	39.63		
		ANTENNA	POLARITY	Y & TEST DI	STANCE: V	ERTICAL A	T 3 M			
NO.	NO. FREQ. (MHz) EMISSION LIMIT (dBuV/m) MARGIN (dB) ANTENNA HEIGHT (m) TABLE ANGLE (Degree) RAW VALUE (dBuV) (dBvV)									
1	*2478.00	89.74 PK	114.00	-24.26	1.16 V	337	56.30	33.44		
2	*2478.00	72.00 AV	94.00	-22.00	1.16 V	337	38.56	33.44		
3	2483.50	43.31 PK	74.00	-30.69	1.16 V	337	9.85	33.46		
4	2483.50	25.57 AV	54.00	-28.43	1.16 V	337	-7.89	33.46		
5	4956.00	60.02 PK	74.00	-13.98	1.20 V	17	20.39	39.63		
6	4956.00	42.28 AV	54.00	-11.72	1.20 V	17	2.65	39.63		

- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission level Limit value.
- 5. " * ": Fundamental frequency
- 6. The average value of fundamental frequency is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula: 20 log (Duty cycle) = 20 log (12.972 ms / 100 ms) = -17.74 dB Please see page 16 for plotted duty.









BELOW 1GHz WORST-CASE DATA

EUT TEST CONDITION		MEASUREMENT DETAIL		
CHANNEL Channel 5		FREQUENCY RANGE	Below 1000MHz	
MODULATION TYPE	GFSK	DETECTOR FUNCTION	Quasi-Peak	
ENVIRONMENTAL CONDITIONS	24deg. C, 64%RH 1013hPa	TESTED BY	Match Tsui	

		ANTENNA I	POLARITY	& TEST DIS	TANCE: HO	RIZONTAL	AT 3 M	
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	514.03	25.22 QP	46.00	-20.78	1.25 H	1	5.55	19.67
2	543.19	26.85 QP	46.00	-19.15	1.00 H	10	6.29	20.56
3	809.56	25.02 QP	46.00	-20.98	2.00 H	292	-0.36	25.38
4	836.78	25.60 QP	46.00	-20.40	1.25 H	40	0.05	25.55
5	862.06	26.55 QP	46.00	-19.45	1.25 H	289	0.80	25.75
6	891.22	25.59 QP	46.00	-20.41	2.00 H	91	-0.44	26.03
7	928.16	26.34 QP	46.00	-19.66	1.50 H	70	0.01	26.32
8	945.66	32.65 QP	46.00	-13.35	2.00 H	232	6.19	26.46
		ANTENNA	POLARITY	/ & TEST DI	STANCE: V	ERTICAL A	T 3 M	
NO.	NO. FREQ. (MHz) LEVEL LIMIT MARGIN (dB) ANTENNA TABLE RAW VAL						RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	101.84	24.50 QP	43.50	-19.00	1.50 V	181	14.95	9.55
2	173.78	28.26 QP	43.50	-15.24	1.25 V	67	15.60	12.66
3	549.03	34.12 QP	46.00	-11.88	1.00 V	220	13.38	20.74
4	889.28	26.05 QP	46.00	-19.95	2.00 V	298	0.04	26.01
5	937.88	26.00 QP	46.00	-20.00	1.25 V	133	-0.39	26.40
6	945.66	34.62 QP	46.00	-11.38	1.25 V	127	8.17	26.46

- 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission level Limit value.



4.2 BAND EDGES MEASUREMENT

4.2.1 LIMITS OF BAND EDGES MEASUREMENT

Below –50dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

4.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
R&S SPECTRUM ANALYZER	FSP40	100040	Jul. 04, 2008	Jul. 03, 2009

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.2.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low lose cable. Set both RBW and VBW of spectrum analyzer to 100 kHz and 300 kHz with suitable frequency span including 100 MHz bandwidth from band edge. The band edges was measured and recorded.

The spectrum plots are attached on the following pages.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

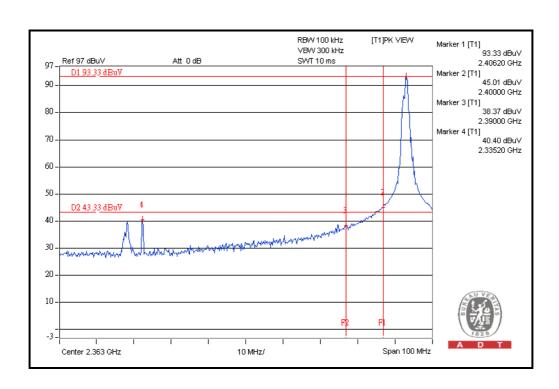
4.2.5 EUT OPERATING CONDITION

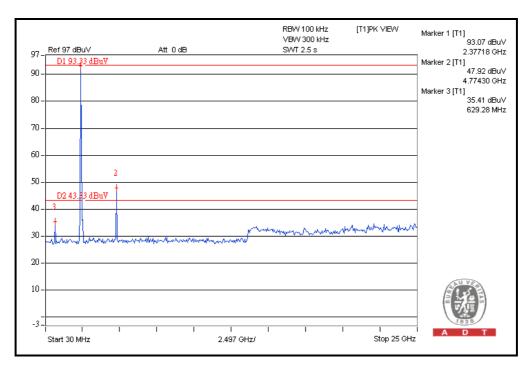
The software provided by client to enable the EUT under transmission condition continuously at lowest and highest channel frequencies individually.

4.2.6 TEST RESULTS

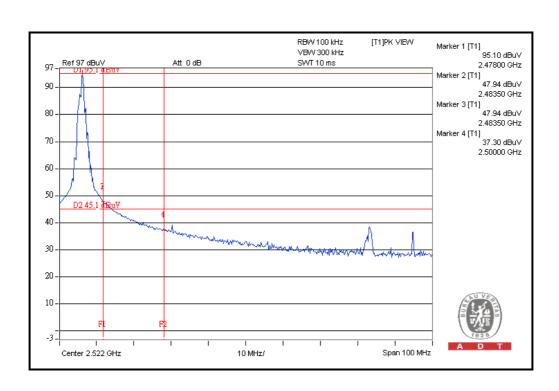
The spectrum plots are attached on the following 4 images. D1 line indicates the highest level, and D2 line indicates the 50dB offset below D1. It shows compliance with the requirement in part 15.249 (d).

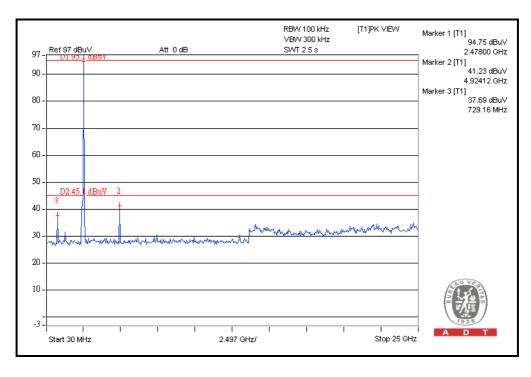














5. PHOTOGRAPHS OF THE TEST CONFIGURATION Please refer to the attached file (Test Setup Photo).



6. INFORMATION ON THE TESTING LABORATORIES

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA FCC, NVLAP Germany **TUV Rheinland**

Japan VCCI Norway **NEMKO**

Canada INDUSTRY CANADA, CSA

R.O.C. TAF, BSMI, NCC

Netherlands Telefication

Singapore GOST-ASIA(MOU) Russia CERTIS(MOU)

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5/phtml. If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab

Hsin Chu EMC/RF Lab Tel: 886-2-26052180 Tel: 886-3-5935343 Fax: 886-2-26051924 Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Telecom Lab

Tel: 886-3-3183232 Fax: 886-3-3185050

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also



7. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

--- END ---