

TEST REPORT

No. FCC-2006003

Test name	FCC Test
Product	GSM/WiFi Dual Mode Phone
Model	paragon PW-1010
Client	Paragon Wireless Inc.

Telecommunication Metrology Center of Ministry of Information Industry

No. FCC-2006002

Page 2of 35

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1. The test report is invalid if not marked with "exclusive stamp for the test report" or the stamp of the test center.

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No. FCC-2006002 Page 3of 35

10.1.00 100001			
	GSM/WiFi Dual Mode	Model	DW 4040
Product	Phone	Trade mark	paragon PW-1010
Client	Paragon Wireless Inc.		
Manufacturer	Paragon Wireless Inc.	Arrival Date of sample	Apr,13, 2006
Place of sampling	(Blank)	Carrier of the samples	Wang wuji
Quantity of the samples	1	Date of product	1
Base of the samples	(Blank)	Items of test	8
Series number	358054000001268		
Standard(s)	FCC Part 24		
Conclusion	Final Judgment: Pass (Stamp) Date of issue: May,19, 2006		
Comment	The test result relates only to the tested sample.		

Approved by	路城村	Reviewed bPerformed by_	G302
	(Lu Bingsong)	(Wang Hongbo)	(Song Chongwen)

(Lu Bingsong-Deputy director of the laboratory)

No. FCC-2006002

TABLE OF CONTENT

1	COMPETENCE AND WARRANTIES	5
2	GENERAL CONDITIONS	5
3	ABOUT EUT	5
4	LABORATORY ENVIRONMENT	6
5	SUMMARY OF TEST RESULTS	7
6	MAIN TEST INSTRUMENTS	8
7	TEST PERIOD	8
8	TEST LOCATION	8
A٨	NEX A MEASUREMENT RESULTS	9
A٨	NEX B PHOTOGRAPH OF EUT 3	30
ΑN	NEX C TEST LAYOUT 3	35

No. FCC-2006002 Page 5of 35

1 COMPETENCE AND WARRANTIES

Telecommunication Metrology Center of Ministry of Information Industry is a test laboratory accredited by DAR (DATech) – Deutschen Akkreditierungs Rat (Deutsche Akkreditierungsstelle Technik), for the tests indicated in the Certificate No. **DAT-P-114/01-01**.

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Telecommunication Metrology Center of Ministry of Information Industry has been accepted by the CETECOM Competent Body for the EMC test reports since April 2000.

Telecommunication Metrology Center of Ministry of Information Industry is a testing laboratory competent to carry out the tests described in this report.

Telecommunication Metrology Center of Ministry of Information Industry guarantees the reliability of the data presented in this report, which is the result of measurements and tests performed to the item under test on the date and under the conditions stated on the report and is based on the knowledge and technical facilities available at **Telecommunication Metrology Center of Ministry of Information Industry** at the time of execution of the test.

Telecommunication Metrology Center of Ministry of Information Industry is liable to the client for the maintenance by its personnel of the confidentiality of all information related to the item under test and the results of the test.

2 GENERAL CONDITIONS

- 2.1 This report only refers to the item that has undergone the test.
- 2.2 This report standalone does not constitute or imply by its own an approval of the product by the certification Bodies or competent Authorities.
- 2.3 This document is only valid if complete; no partial reproduction can be made without written approval of Telecommunication Metrology Center of Ministry of Information Industry.
- 2.4 This report cannot be used partially or in full for publicity and/or promotional purposes without previous written approval of Telecommunication Metrology Center of Ministry of Information Industry and the Accreditation Bodies, if it applies.

3 ABOUT EUT

3.1 Addressing Information Related to EUT

Table 1: Applicant's details (The Client)

Name or Company	Paragon Wireless Inc.
Address/Post	A-1801,E-wing Center,NO.113 Zhichun Road,Haidian
Address/Post	District,Beijing,P.R.China
City	Beijing
Postal Code	100086
Country	China
Telephone	+86-10-6261-6660-270
Fax	+86-10-6261-6669

No. FCC-2006002 Page 6of 35

Table 2: Manufacturer's details

Name or Company	Paragon Wireless Inc.	
Address/Post	A-1801,E-wing Center,NO.113 Zhichun Road,Haidian	
Address/Post	District,Beijing,P.R.China	
City	Beijing	
Postal Code	100086	
Country	China	
Telephone	+86-10-6261-6660-270	
Fax	+86-10-6261-6669	

3.2 Equipment under test (EUT)

Model	paragon PW-1010	
Description	GSM/WiFi Dual Mode Phone	
IMEI	EUT1: 358054000001268;	
Hardware status	1.0	
Software status	1.02	
Frequency	1850.2MHz – 1909.8MHz for PCS 1900;	
Type of modulation	GMSK	
Number of channels	299 for PCS 1900	
Antenna	Internal	
Power supply	Battery or Charger (AC Adaptor)	
Output power	29.87dBm(0.97W) maximum EIRP measured for PCS 1900	
Extreme vol. Limits	3.7VDC to 4.2VDC (nominal: 3.9 VDC)	
Extreme temp. Tolerance	-30°C to +50°C	

3.3 Photographs of Equipment under test

Photographs of MS Hand Telephone Set and Charger are respectively shown in ANNEX B of this test report.

4 LABORATORY ENVIRONMENT

Semi-anechoic chamber (23 meters \times 17meters \times 10meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 , Max. = 30
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω
Normalised site attenuation (NSA)	< ± 3.2 dB, 10 m distance, from 30 to 1000 MHz
Uniformity of field strength	Between 0 and 6 dB, from 26 to 1000 MHz

No. FCC-2006002 Page 7of 35

Control room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 , Max. = 35
Relative humidity	Min. =30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω

Conducted chamber did not exceed following limits along the EMC testing:

Temperature	Min. = 15 , Max. = 30
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω

Fully-anechoic chamber (6.8 meters \times 3.08 meters \times 3.53 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 , Max. = 30
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω
Uniformity of field strength	Between 0 and 6 dB, from 26 to 1000 MHz

5 SUMMARY OF TEST RESULTS

Abbreviations used in this clause:	
Р	Pass
NA	Not applicable
F	Fail

Clause	List	Clause in FCC rules	Verdict
1	POWER OUTPUT	24.232(b)	Р
2	FREQUENCY STABILITY	2.1055/24.235	Р
3	OCCUPIED BANDWIDTH	2.1049(h)(i)	Р
4	EMISSION BANDWIDTH	24.238(b)	Р
5	EMISSION LIMIT	24.238	Р
6	BAND EDGE COMPLIANCE	24.238(b)	Р
7	CONDUCTED SPURIOUS EMISSIONS	2.1057/24.238	Р
8	CONDUCTED EMISSIONS	15.107/207	Р

No. FCC-2006002 Page 8of 35

6 MAIN TEST INSTRUMENTS

NO.	NAME	TYPE	SERIES NUMBER	PRODUCER
1	Test Receiver	ESS	847151/015	R&S
2	Test Receiver	ESI40	831564/002	R&S
3	BiLog Antenna	3142B	9908-1403	EMCO
4	BiLog Antenna	3142B	9908-1405	EMCO
5	Signal Generator	SMT06	831285/005	R&S
6	Signal Generator	SMP04	100070	R&S
7	LISN	ESH2-Z5	829991/012	R&S
8	Spectrum Analyzer	E4440A	MY41000262	Agilent
9	Universal Radio Communication Tester	CMU200	100680	R&S
10	Dual-Ridge Waveguide Horn Antenna	3115	9906-5827	EMCO
11	Dual-Ridge Waveguide Horn Antenna	3116	2663	EMCO
12	Dual-Ridge Waveguide Horn Antenna	3116	2661	EMCO
13	Climatic chamber	PL-2G	343074	ESPEC

7 TEST PERIOD

The performed test started on Apr, 13, 2006 and finished on Apr, 19, 2006.

8 TEST LOCATION

Safety & EMC laboratory of Telecommunication Metrology Center of Ministry of Information Industry.

No. FCC-2006002 Page 9of 35

ANNEX A MEASUREMENT RESULTS

A.1 OUTPUT POWER (§24.232(b))

A.1.1 Summary

During the process of testing, the EUT was controlled via Rhode & Schwarz Digital Radio Communication tester (CMU-200) to ensure max power transmission and proper modulation.

This result contains peak output power and EIRP measurements for the EUT.

In all cases, output power is within the specified limits.

A.1.2 Conducted

A.1.2.1 Method of Measurements

The EUT was set up for the max output power with pseudo random data modulation.

The power was measured with Agilent Spectrum Analyzer E4440A (peak)

These measurements were done at 3 frequencies, 1850.2 MHz, 1880.0 MHz and 1909.8 MHz for PCS1900 band (bottom, middle and top of operational frequency range).

PCS1900

Limit

Power step Nominal Peak output power (dBm)		Tolerance (dB)	
0	30dBm(1W)*	± 2	

^{*}GSM Specification - ETSI EN 300 910 V8.5.1 (2000-11) Section 4.1

Measurement result

EUT1: 358054000001268;

Frequency(MHz)	Power Step	Peak output power(dBm)
1850.2	0	29.79
1880.0	0	29.87
1909.8	0	29.55

A.1.3 Radiated

A.1.3.1 Description

This is the test for the maximum radiated power from the EUT.

Rule Part 24.232(b) specifies, "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(c) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage."

A.1.3.2 Method of Measurement

- 1. In an anechoic antenna test chamber, a half-wave dipole antenna for the frequency band of interest is placed at the reference centre of the chamber. An RF Signal source for the frequency band of interest is connected to the dipole with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A known (measured) power (Pin) is applied to the input of the dipole, and the power received (Pr) at the chamber's probe antenna is recorded.
- 2. A "reference path loss" is established as Pin + 2.15 Pr.

No. FCC-2006002 Page 10of 35

- 3. The EUT is substituted for the dipole at the reference centre of the chamber and a scan is performed to obtain the radiation pattern.
- 4. From the radiation pattern, the co-ordinates where the maximum antenna gain occurs are identified.
- 5. The EUT is then put into pulse mode at its maximum power level (Power Step 0 for PCS1900).
- 6. "Gated mode" power measurements are performed with the receiving antenna placed at the coordinates determined in Step 3 to determine the output power as defined in Rule 24.232 (b) and (c). The "reference path loss" from Step1 is added to this result.
- 7. This value is EIRP since the measurement is calibrated using a half-wave dipole antenna of known gain (2.15 dBi) and known input power (Pin).
- 8. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP -2.15dBi.

PCS1900-EIRP 24.232(b)

Limits

Power Step	Burst Peak EIRP (dBm)	
0	≤33dBm (2W)	

Measurement result

Frequency(MHz)	Power Step	Peak EIRP(dBm)
1850.2	0	29.87
1880.0	0	29.67
1909.8	0	29.34

ANALYZER SETTINGS: RBW = VBW = 3MHz

A.2 FREQUENCY STABILITY (§2.1055/§24.235)

A.2.1 Method of Measurement

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a "call mode". This is accomplished with the use of R&S CMU200 DIGITAL RADIO COMMUNICATION TESTER.

- 1. Measure the carrier frequency at room temperature.
- 2. Subject the EUT to overnight soak at -30 .
- 3. With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on channel 661 (centre channel), measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
- 4. Repeat the above measurements at 10 increments from -30 to +50 . Allow at least 1 1/2 hours at each temperature, unpowered, before making measurements.
- 5. Remeasure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments remeasuring carrier frequency at each voltage. Pause at nominal voltage for 1 1/2 hours unpowered, to allow any self-heating to stabilize, before continuing.
- 6. Subject the EUT to overnight soak at +50 .
- 7. With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on

No. FCC-2006002 Page 11of 35

- channel 661 (centre channel), measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
- 8. Repeat the above measurements at 10 C increments from +50 to -30 . Allow at least 1 1/2 hours at each temperature, unpowered, before making measurements.
- 9. At all temperature levels hold the temperature to +/- 0.5 during the measurement procedure.

A.2.2 Measurement Limit

A.2.2.1 For Hand carried battery powered equipment

According to the JTC standard the frequency stability of the carrier shall be accurate to within 0.1 ppm of the received frequency from the base station. This accuracy is sufficient to meet Sec. 24.235, Frequency Stability. The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d)(2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of between 3.7VDC and 4.2VDC, with a nominal voltage of 3.9VDC. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from overstress. These voltages represent a tolerance of -10 % and +12.5 %. For the purposes of measuring frequency stability these voltage limits are to be used.

A.2.2.1 For equipment powered by primary supply voltage

According to the JTC standard the frequency stability of the carrier shall be accurate to within 0.1 ppm of the received frequency from the base station. This accuracy is sufficient to meet Sec. 24.235, Frequency Stability. The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. For this EUT section 2.1055(d)(1) applies. This requires varying primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.

No. FCC-2006002 Page 12of 35

A.2.3 Measurement results

PCS 1900

Frequency Error vs Voltage

Voltage(V)	Frequency error(Hz)	Frequency error(ppm)
3.7	25	0.013
3.9	23	0.012
4.2	22	0.012

Frequency Error vs Temperature

temperature()	Frequency error(Hz)	Frequency error(ppm)
-30	40	0.021
-20	34	0.018
-10	35	0.019
0	32	0.017
10	29	0.015
20	26	0.014
30	25	0.013
40	25	0.013
50	26	0.014

A.3 OCCUPIED BANDWIDTH (§2.1049(h)(i))

A.3.1 Occupied Bandwidth Results

Similar to conducted emissions; occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of the USPCS frequency band. The table below lists the measured -20dBc BW (99%). Spectrum analyzer plots are included on the following pages.

PCS 1900(-20dBc)

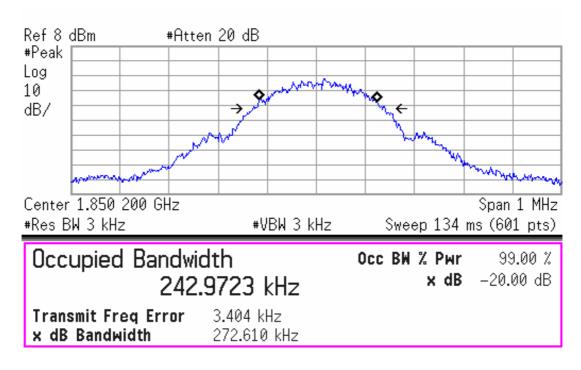
EUT1: 358054000001268

Frequency(MHz)	Occupied Bandwidth (-20dBc BW)(kHz)		
1850.2	272.610		
1880.0	282.455		
1909.8	273.131		

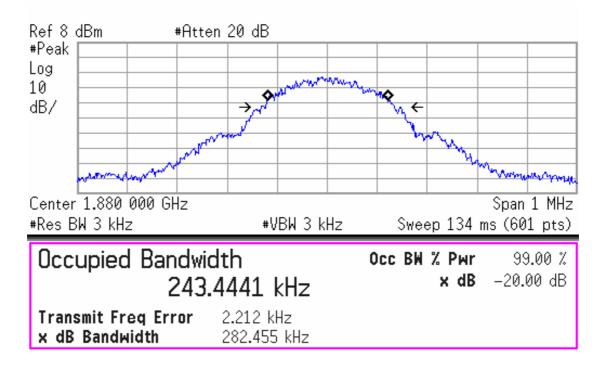
ANALYZER SETTINGS: RBW=VBW=3kHz

No. FCC-2006002 Page 13of 35

PCS 1900 Channel 512-Occupied Bandwidth (-20dBc BW)

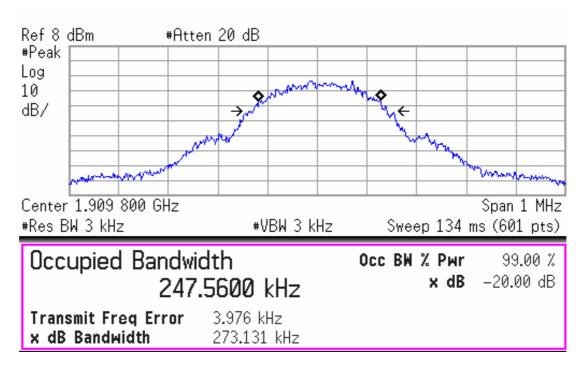


Channel 661-Occupied Bandwidth (-20dBc BW)



No. FCC-2006002 Page 14of 35

Channel 810-Occupied Bandwidth (-20dBc BW)



A.4 EMISSION BANDWIDTH (§24.238(b))

A.4.1Emission Bandwidth Results

Similar to conducted emissions; Emission bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of the PCS1900 band . Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following pages.

PCS 1900(-26dBc)

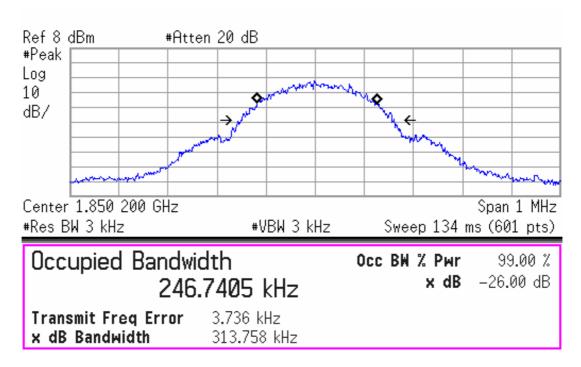
EUT1: 358054000001268

Frequency(MHz)	Occupied Bandwidth (–26dBc BW)(kHz) 313.758		
1850.2	313.758		
1880.0	312.817		
1909.8	314.224		

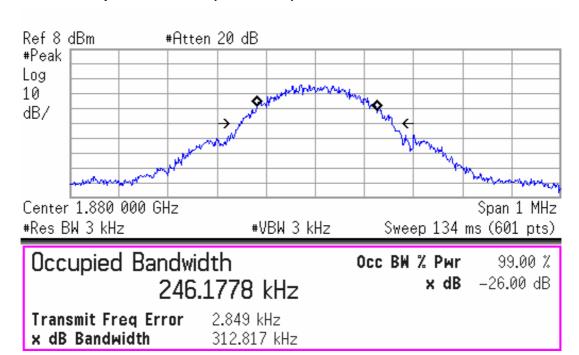
ANALYZER SETTINGS: RBW=VBW=3kHz;

No. FCC-2006002 Page 15of 35

PCS 1900 Channel 512-Occupied Bandwidth (-26dBc BW)

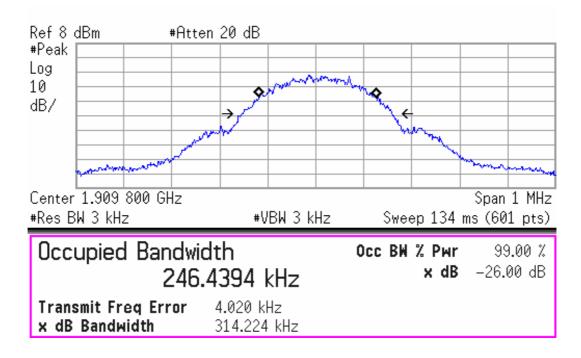


Channel 661-Occupied Bandwidth (-26dBc BW)



No. FCC-2006002 Page 16of 35

Channel 810-Occupied Bandwidth (-26dBc BW)



A.5 EMISSION LIMIT (§24.238)

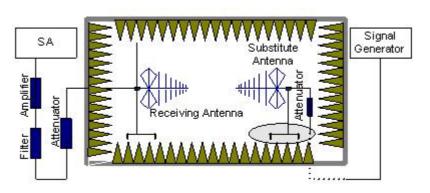
A.5.1 Measurement Method

The site is constructed in accordance with ANSI C63.4 – 1992 requirements and is recognized by the FCC. The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier that can be as high as 1910 MHz. The resolution bandwidth is set 1MHz as outlined in Part 24.238. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of the PCS1900.

The procedure of radiated spurious emissions is as follows:

a) Pre-calibration

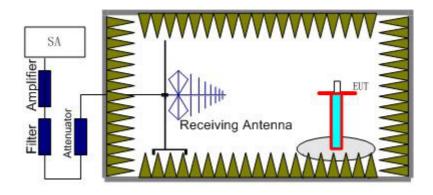
With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as, RSE=Rx (dBuV) +CL (dB) +SA (dB) +Gain (dBi) -107 (dBuV to dBm) The SA is calibrated using following setup.



No. FCC-2006002 Page 17of 35

b) EUT test

EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the test item for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector and 1MHz bandwidth.



A.5.2 Measurement Limit

Sec. 24.238 Emission Limits.

(a) On any frequency outside a licensee's frequency block (e.g. A, D, B, etc.) within the USPCS spectrum, the power of any emission shall be attenuated below the transmitter power (P, in Watts) by at least 43+10Log(P) dB. The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

A.5.3 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of the PCS band (1850.2 MHz, 1880 MHz and 1909.8 MHz). It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of the PCS1900 into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this.

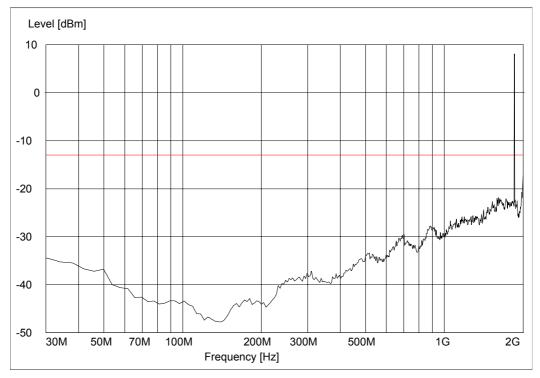
NOTE: The spurious emissions were done with different settings, using the relevant pre-amplifiers for the relevant frequency ranges. This is the reason that the graphs show different noise levels.

No. FCC-2006002 Page 18of 35

PCS 1900

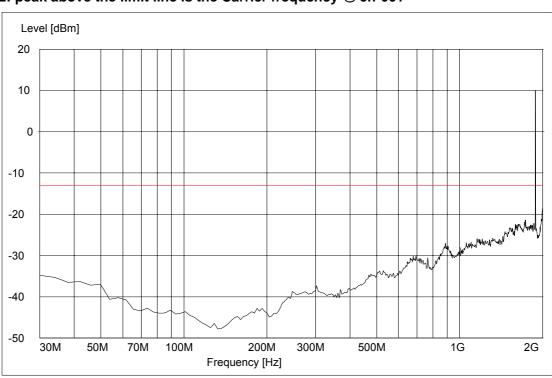
A.5.3.1 RADIATED SPURIOUS EMISSIONS-Channel 512: 30MHz – 2GHz

NOTE: peak above the limit line is the Carrier frequency @ ch-512



A.5.3.2 RADIATED SPURIOUS EMISSIONS-Channel 661: 30MHz – 2GHz

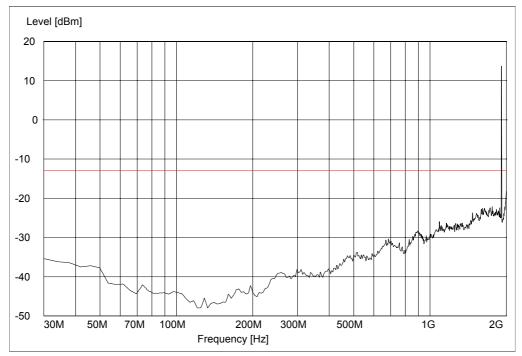
NOTE: peak above the limit line is the Carrier frequency @ ch-661



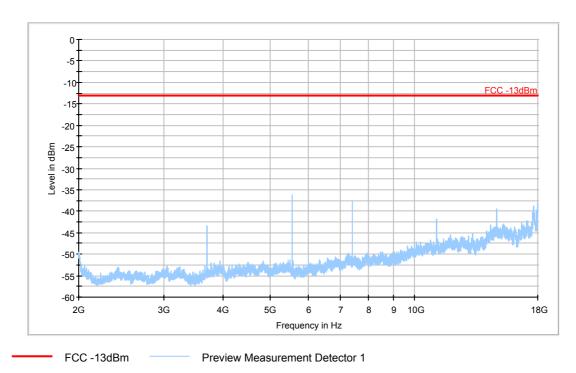
No. FCC-2006002 Page 19of 35

A.5.3.3 RADIATED SPURIOUS EMISSIONS-Channel 810: 30MHz - 2GHz

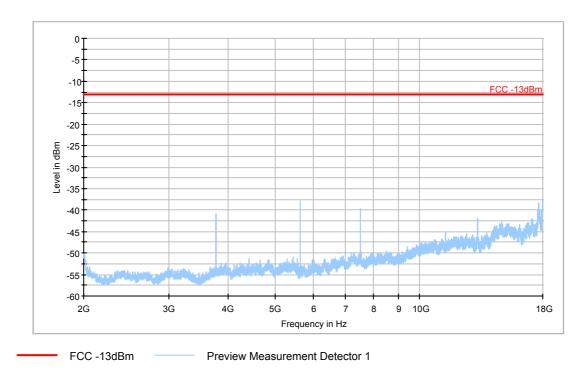
NOTE: peak above the limit line is the Carrier frequency @ ch-810



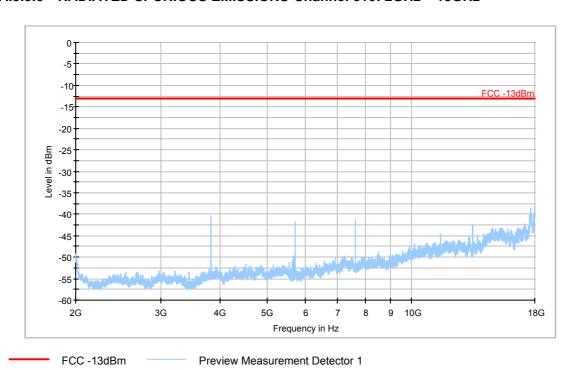
A.5.3.4 RADIATED SPURIOUS EMISSIONS-Channel 512: 2GHz – 18GHz



A5.3.5 RADIATED SPURIOUS EMISSIONS-Channel 661: 2GHz - 18GHz



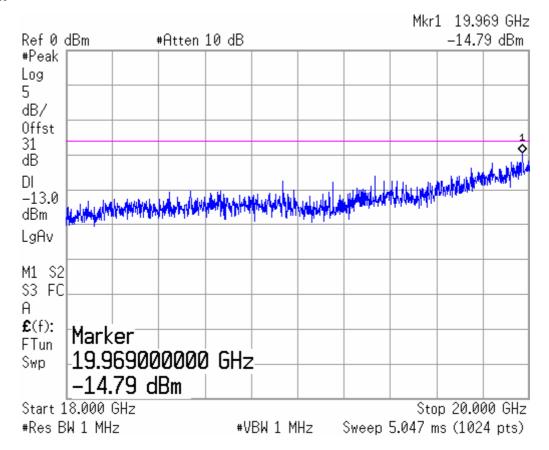
A.5.3.6 RADIATED SPURIOUS EMISSIONS-Channel 810: 2GHz - 18GHz



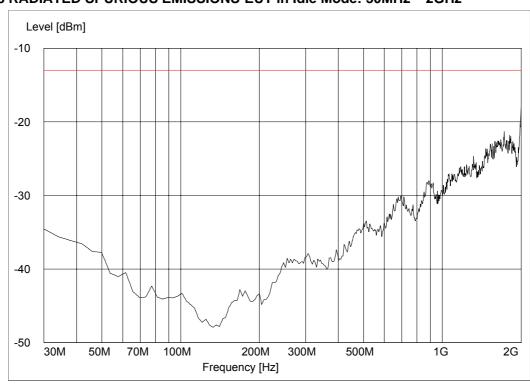
No. FCC-2006002 Page 21of 35

A.5.3.7 Radiated spurious emission (18GHz-20GHz)

Note: This plot is valid for low, mid & high channels (worst-case plot). It is same as the floor noise.

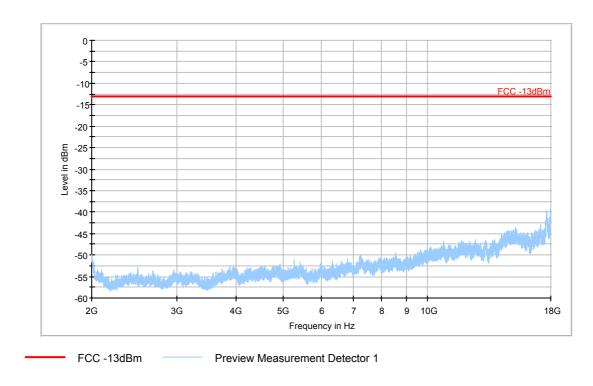


A.5.3.8 RADIATED SPURIOUS EMISSIONS-EUT in Idle Mode: 30MHz - 2GHz

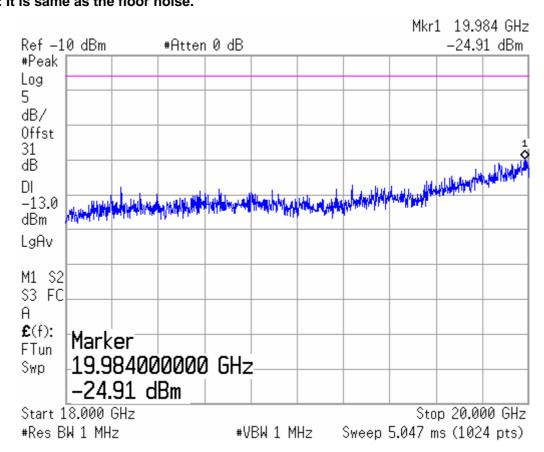


No. FCC-2006002 Page 22of 35

A.5.3.9 RADIATED SPURIOUS EMISSIONS-EUT in Idle Mode: 2GHz - 18GHz



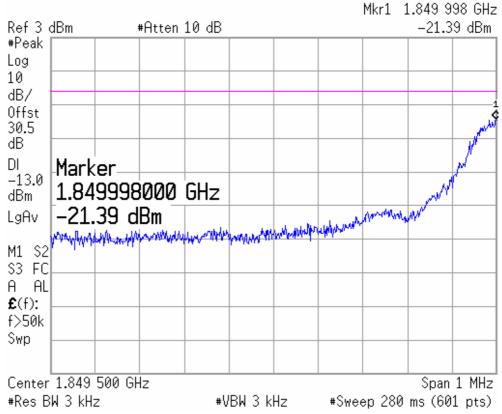
A.5.3.10 RADIATED SPURIOUS EMISSIONS-EUT in Idle Mode: 18GHz – 20GHz Note: It is same as the floor noise.



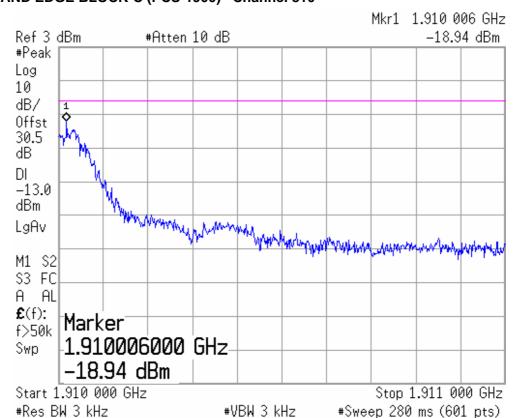
No. FCC-2006002 Page 23of 35

A.6 BAND EDGE COMPLIANCE (§24.238(b))

PCS 1900 LOW BAND EDGE BLOCK-A (PCS-1900)-Channel 512



HIGH BAND EDGE BLOCK-C (PCS-1900) -Channel 810



No. FCC-2006002 Page 24of 35

A.7 CONDUCTED SPURIOUS EMISSION (§2.1057/§24.238)

A.7.1 Measurement Method

The following steps outline the procedure used to measure the conducted emissions from the EUT.

- Determine frequency range for measurements: From CFR 2.1057 the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency. For the equipment of PCS1900 band, this equates to a frequency range of 30 MHz to 19.1 GHz, data taken from 30 MHz to 20 GHz.
- 2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.

PCS1900 Transmitter

Channel	Frequency (MHz)
512	1850.2
661	1880.0
810	1909.8

A.7.2 Measurement Limit

Sec. 24.238 Emission Limits.

(a) On any frequency outside frequency band of the USPCS spectrum, the power of any emission shall be attenuated below the transmitter power (P, in Watts) by at least 43+10Log(P) dB. For all power levels +30 dBm to 0 dBm, this becomes a constant specification limit of -13 dBm.

A.7.3 Measurement result

PCS1900

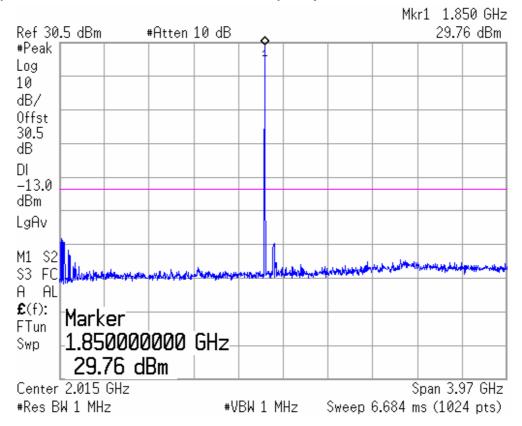
Harmonic	Tx ch. 512 Freq. (MHz)	Level (dBm)	Tx ch. 661 Freq. (MHz)	Level (dBm)	Tx ch. 810 Freq. (MHz)	Level (dBm)
2	3700.4	nf	3760	nf	3819.6	nf
3	5550.6	nf	5640	nf	5729.4	nf
4	7400.8	nf	7520	nf	7639.2	nf
5	9251.0	nf	9400	nf	9549.0	nf
6	11101.2	nf	11280	nf	11458.8	nf
7	12951.4	nf	13160	nf	13368.6	nf
8	14801.6	nf	15040	nf	15278.4	nf
9	16651.8	nf	16920	nf	17188.2	nf
10	18502.0	nf	18800	nf	19098.0	nf
nf: Noise floor						

No. FCC-2006002 Page 25of 35

A.7.3.1 Channel 512: 30MHz - 4GHz

Spurious emission limit -13dBm.

NOTE: peak above the limit line is the carrier frequency.



A.7.3.2 Channel 512: 4GHz - 20GHz

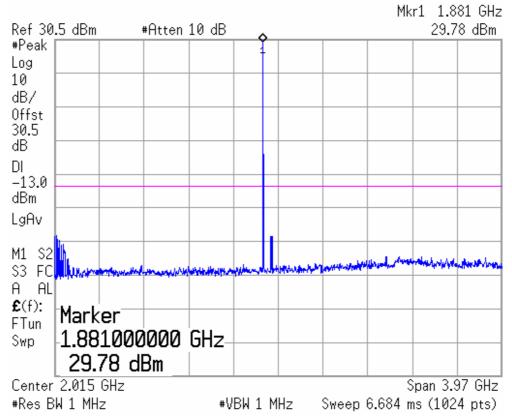
Spurious emission limit -13dBm.



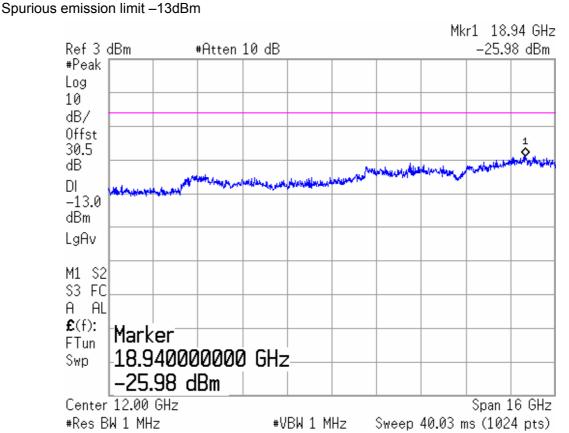
No. FCC-2006002 Page 26of 35

A.7.3.3 Channel 661: 30MHz – 4GHz Spurious emission limit –13dBm

NOTE: peak above the limit line is the carrier frequency.



A.7.3.4 Channel 661: 4GHz –20GHz

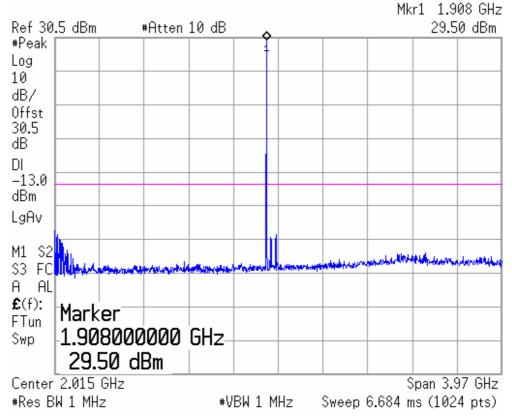


No. FCC-2006002 Page 27of 35

A.7.3.5 Channel 810: 30MHz - 4GHz

Spurious emission limit –13dBm.

NOTE: peak above the limit line is the carrier frequency.



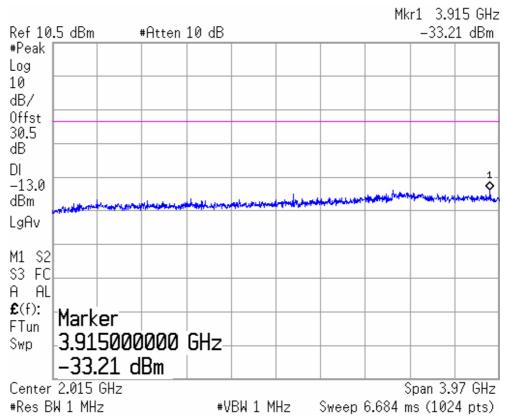
A.7.3.6 Channel 810: 4GHz - 20GHz

Spurious emission limit -13dBm.

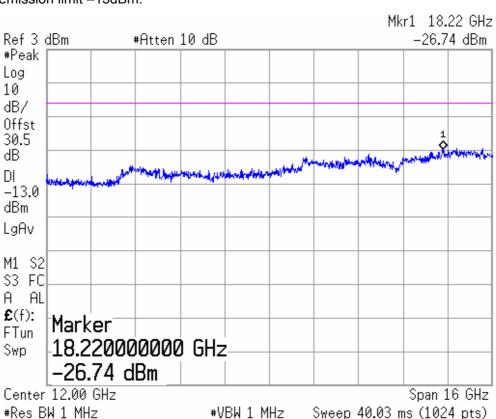


No. FCC-2006002 Page 28of 35

A.7.3.7 Idle mode: 30MHz – 4GHz Spurious emission limit –13dBm.



A.7.3.8 Idle mode: 4GHz – 20GHz Spurious emission limit –13dBm.



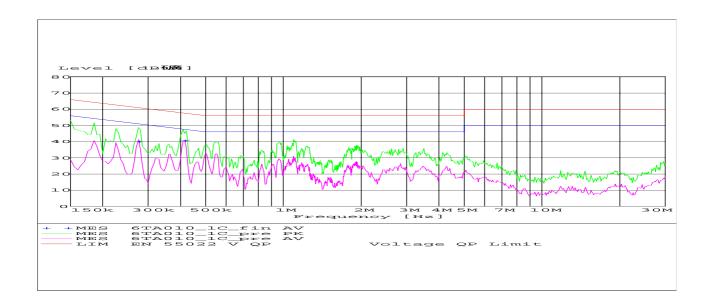
No. FCC-2006002 Page 29of 35

A.8 CONDUCTED EMISSION (§15.107/§207)

A.8.1 Limit

Frequency of Emission (MHz)	Conducted Limit (dBµV)				
	Quasi -Peak	Average			
0.15 – 0.5	66 to 56*	56 to 46*			
0.5 – 5	56	46			
5 – 30	60	50			
* Decreases with logarithm of the frequency					

A.8.2 Measurement result



MEASUREMENT RESULT: "6TA010_1C_fin AV"

4/19/2006 19:15

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	$dB\mu V$	dB	$dB\mu V$	dB		
0.275000	40.10	10.1	51	10.9	N	FLO
0.415000	40.70	10.1	48	6.8	N	FLO

ANNEX B PHOTOGRAPH OF EUT

External Photo



Mobile Phone



Mobile Phone

Page 31 of 35



Mobile Phone



Mobile phone

Page 32of 35



Charger (AC/DC Adapter)

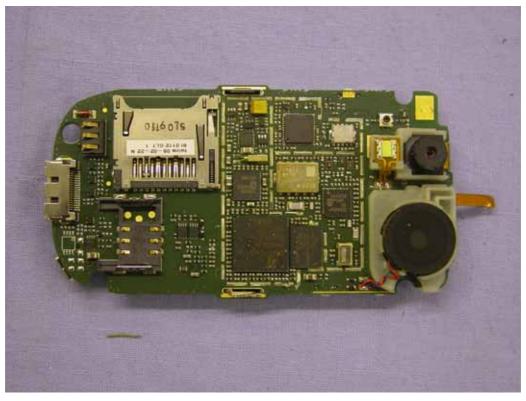


Charger (AC/DC Adapter)

Internal Photo



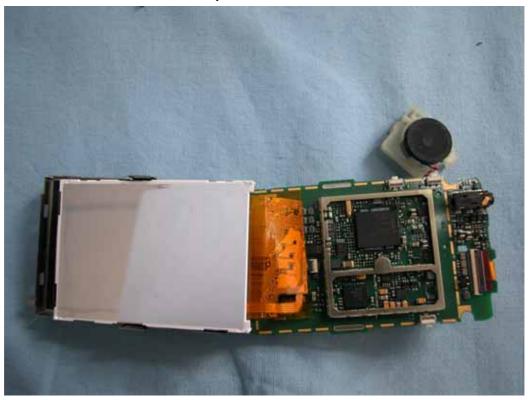
Mobile phone Disassembly



mobile phone PCB back view



mobile phone PCB front view



mobile phone PCB front view

ANNEX C TEST LAYOUT



Pic1 Conducted Emission



Pic2 Radiated Spurious Emission
END OF REPORT BODY