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To FCC

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**Overall Assessment Letter for RIM Model RBQ41GW
FCC id: L6ARBQ40GW**

I have reviewed this application and find it compliant. This is an application for a handheld Blackberry which supports GSM 850 / GSM 900 / DCS 1800 / PCS 1900, Bluetooth and GPS. GSM 900 and DCS 1800 are not relevant as they are not supported in North America.

Since it also has a USB port for connection to Computers a filing for a Class B Computer peripheral has also been made.

Please note the following:

1: Part 15 Clause 15.203

While not explicitly reported within the test report, there is ready evidence within the application showing that the Antenna is internal to the equipment and not able to be changed without damage to the equipment.

2: Test set up photos

This exhibit includes files covering the

- Test Set up for the EMC and Radio tests
- Test Set up for the SAR tests

3: Spread Spectrum Declarations

The various declarations to meet the Spread Spectrum requirements are included in the Operating Description exhibit.

4: SAR

4.1 General

The highest reported Head SAR for PCS 1900 was 0.88 W/kg at 1850.2 MHz in right-hand cheek configuration. The highest reported Head SAR for GSM 850 was 1.24 W/kg at 824.2 MHz in left-hand cheek configuration.

The highest reported Body SAR for PCS 1900 was 0.76 W/kg at 1880.0 MHz using a Sports Case holster (provides 16mm spacing) with clip and headset in rear facing phantom position. The highest reported Body SAR for GSM 850 was 0.83 W/kg at 824.2 MHz using a Horizontal holster (provides 16mm spacing) with Bluetooth simultaneously transmitting in rear facing phantom position. The highest Body SAR with 2.5 cms separation was 0.46 W/kg at 824.2 MHz (GSM 850 bottom channel).



GSM 850 Body SAR:

Assessment in top, middle and bottom channels was performed using the Horizontal holster in standard rear facing phantom configuration, with the holster providing a separation distance of 16mm. The worst case frequency channel obtained from the assessment was further investigated using the Sports Case, Euro Swivel, Leather and Leather Swivel holster, providing a separation distance of 16mm, 18mm, 21mm and 21mm respectively.

The holster configuration which provided the worst case SAR was then used to configure a body SAR test in front facing phantom configuration. A Headset was connected to the device for SAR assessment in the worst case configuration obtained. Bluetooth and GSM were enabled simultaneously in the worst case configuration for SAR assessment in standard rear facing phantom position. Finally, the device was configured without the use of a holster or accessory in rear facing phantom position with 2.5 cms separation.

PCS 1900 Body SAR:

Assessment for PCS 1900 was performed in middle channel only as the SAR levels were found to be below the limit requiring top and bottom channel assessment. The procedure for assessment was the same as GSM 850.

I underwent the FCC RF exposure evaluation training at BABT in July 2007.

4.2 Bluetooth and Co-Transmission

The Bluetooth transmitter is categorically exempt and below the low threshold. No SAR evaluation occurred with this transmitter operating singly.

The product supports simultaneous transmission. There was no significant change in the PCS 1900 or GSM 850 Body SAR value when both transmitters were active.

5: GPS

This device contains a GPS receiver to support the FCC E911 requirement for caller location identification and operates at 1575.42MHz +/- 1MHz. The technical specification for the GPS receiver lists the GPS receive path as being totally independent of the main GSM cell and PCS receive path. The user manual complies with Part 15 Clause 5.

Yours sincerely

A handwritten signature in blue ink, consisting of several fluid, overlapping strokes.

Vina Kerai
Compliance Engineer