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August 16, 2004

Attention: Dennis Ward

American Telecommunications Certification Body Inc.
6731 Whittier Ave
McLean, VA 22101 USA

Subject: Response to the ATCB Correspondence Reference Number ATCB001535 for clarification on RIM BlackBerry Wireless Handheld FCC ID L6ARAQ40GW

The following addresses your inquiry Correspondence Reference Number **ATCB001535**:

1. On page 4 of the SAR report the maximum expected conducted power and power tolerance are stated and they are different from the actual measured conducted power by about 7%. However, if you refer to page 23 and 24 of the SAR report, you will observe the same measured conducted power is reported as on page 30 of the EMC report. Therefore, the handheld was tested for SAR and EMC compliance with the same maximum conducted power level.
2. Please refer to page 6, last paragraph of the Safety Information Booklet for an alternative statement, i.e. "Use of accessories that are not approved by RIM might violate FCC, IC, and EU RF exposure guidelines and might void any warranty applicable to the handheld. When carrying the handheld while the radio is on, use the specific RIM approved holster that has been tested for compliance."
3. Please refer to page 6, last paragraph of the Safety Information Booklet for body worn safety distance statement, i.e. "For data operation (when you do not use a bodyworn accessory and are not holding the handheld at the ear), position the handheld at least 15mm (0.60 inches) from the body."
4. The belt-clip of the holster that was tested and complies with FCC, IC, and EU RF exposure requirements does contain metal.

The belt-clip contains metal





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5. A separate test setup photos exhibit is uploaded as an attachment.
6. The heading was incorrect to state substitution method. The radiated emission measurement in the restricted frequency band is a field strength measurement, therefore no antenna substitution was used for this test. This has now been corrected in the table as attached with this reply for your review. Due to the noise floor at 3m, the Bluetooth radiated emissions were repeated at a test distance of 1m. The emissions were below the noise floor and therefore the emissions pass the average limit of 63.5 dBuV/m (limit @ 1m distance).
7. The RSP100 has been modified to list Bluetooth Device instead of Spread Spectrum Device (2400-2483.5 MHz).
8. The RSP 100 form has been updated to include the min and max power level for all three bands.
9. The bandwidth for Bluetooth is 770 kHz. The emission designator for the Bluetooth band is 770KFXD.
10. The stepped RF power for GSM 850 and PCS 1900 has been added into the RSP 100 form.

Please do not hesitate to contact the undersigned should you have any questions.

Yours truly,

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