



Research In Motion Limited
295 Phillip Street
Waterloo, Ontario
Canada N2L 3W8
+1 519 888 7465, fax +1 519 888 6906
E-mail: info@rim.net

July 19, 2004

Attention: Dennis Ward

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

Subject: Response to the ATCB Correspondence Reference Number ATCB001461 for clarification on RIM BlackBerry Wireless Handheld FCC ID L6ARAP40GW

The following addresses your inquiry Correspondence Reference Number **ATCB001461**:

1. A parts list for the device has been uploaded in the Exhibit Parts List and Tune Up Info.
2. For radiated spurious and harmonic emissions, proper antenna substitution method was used, please see page 6 of the report addendum RIM-0086-0404-01_mod-a.pdf uploaded with this correspondence.
3. The table headings have been adjusted to clarify the calculation and the units used. The unit used for the limit is dBm as per the table on page 1, Appendix 4 of the attached addendum. A sample calculation of the substitution method is used to derive the final results as shown on page 1 of the Appendix 4 of the attached addendum.
4. The tables on pages 8 through 12 of Appendix 4 (pages 11 through 15 of the addendum) have been modified to have the correct Part 24 limit referenced to an isotropic radiator. The substituted antenna was a horn whose gain is relative to an isotropic radiator. For a sample calculation please refer to page 8 of Appendix 4.
5. Bluetooth radiated spurious emission in simultaneous transmission with GSM 850 and then with PCS 1900 were measured upto the 10th harmonics as per tables on pages 6-7 and 12 of Appendix 4 respectively.
6. The final amplifier draws a nominal maximum operational current of 1.6 Amperes in low bands (GSM 850 and GSM 900) and 1.2 Amperes in high bands (DCS 1800, PCS 1900) at maximum power. Final amplifier voltage can range from 3.2 Volts under full power operation to 4.2 Volts when quiescent.
7. A file that has the z-axis plots, SAR_Z_axis_plots.pdf has been uploaded.
8. A compliance letter to RSS 102 has been uploaded.
9. The RSS issue and rev numbers are added in the RSP 100 form. The test reports already quote the correct RSS issues and revs.
10. A letter of IMEI declaration has been uploaded.



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

Yours truly,

A handwritten signature in black ink that reads 'M. Attayi'.

Masud S. Attayi, P.Eng.
Senior Compliance & Certification Engineer
Research In Motion Limited
Tel: +1 519 888-7465 x2442
Fax: +1 519 888-6906
Email: mattayi@rim.com