

EMI Test Report

Tested in accordance with
Federal Communications Commission (FCC)
Personal Communications Services
CFR 47, Part 15 Subpart C
&
Industry Canada (IC) RSS-210, RSS-GEN

RIM Testing Services (RTS)

A division of Research In Motion Limited

REPORT NO.: RTS-1191-0810-22

PRODUCT MODEL NO.: RCC51UW
TYPE NAME: BlackBerry® smartphone
FCC ID: L6ARCC50UW
IC: 2503A-RCC50UW

DATE: 21 October, 2008

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| RTS RIM Testing Services | EMI Test Report for the BlackBerry® smartphone Model RCC51UW | |
| Test Report No. RTS-1191-0810-22 | | Author Data Shannon Muller |

Statement of Performance:

The BlackBerry® smartphone, model RCC51UW, part number CER-21466-001 Rev. 1, and accessories when configured and operated per RIM's operation instructions, performs within the requirements of the test standards.

Declaration:

We hereby certify that:

The test data reported herein is an accurate record of the performance of the sample(s) tested.

The test results are valid for the tested unit (s) only.

The test equipment used was suitable for the tests performed and within manufacturer's published specifications and operating parameters.

The test methods were consistent with the methods described in the relevant standards.

Documented by:



Shannon Muller
Compliance Specialist
Date: 21 October 2008

Reviewed by:



Maurice Battler
Compliance Specialist
Date: 22 October 2008

Reviewed by:



Masud S. Attayi, P.Eng.
Team Lead, Regulatory Compliance
Date: 22 October 2008

Approved by:



Paul G. Cardinal, Ph.D.
Director
Date: 23 October 2008

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A. Scope

This report details the results of compliance tests which were performed in accordance to the requirements of:

- o FCC CFR 47 Part 15, Subpart C, July 10, 2008
- o Industry Canada, RSS-210, Issue 7, June 2007, Low Power Licence-Exempt Radiocommunication Devices
- o Industry Canada, RSS-GEN, Issue 2, June 2007, General Requirements and Information for the Certification of Radiocommunication Equipment

B. Associated Documents

1. Test report number RTS-1191-0808-19.
2. Cetecom test report number 4-3155-1-2_08.

C. Product Identification

Manufactured by Research In Motion Limited whose headquarters is located at:

295 Phillip Street
Waterloo, Ontario
Canada, N2L 3W8
Phone: 519 888 7465
Fax: 519 888 6906

The equipment under test (EUT) was tested at the following locations:

RIM Testing Services (RTS) EMI test facility
305 Phillip Street
Waterloo, Ontario
Canada, N2L 3W8
Phone: 519 888 7465
Fax: 519 888 6906

CETECOM ICT Services GmbH
Untertürkheimer Str. 6 – 10
D-66117 Saarbrücken
Germany
Phone: +49 (0) 681 5 98 84 55
Fax: +49 (0) 681 5 98 84 75

RIM Testing Services (RTS) EMI test facility
440 Phillip Street
Waterloo, Ontario,
Canada , N2L 5R9
Phone: 519 888 7465
Fax: 519 888 6906

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Model Number RCC51UW is identical to RBW71CW except without the CDMA band installed.

Only the characteristics that maybe impacted by the changes from RBW71CW to RCC51UW were re-measured.

D. Support Equipment Used for the Testing of the EUT

No support equipment used. See section H. *Compliance Test Equipment Used.*

E. Test Results Chart

| SPECIFICATION | | TEST TYPE | Meets Requirements | TEST DATA APPENDIX |
|----------------------------|----------------|---|----------------------------------|--------------------|
| FCC CFR 47 | IC | | | |
| Part 15.207 | RSS-GEN, 7.2.2 | Conducted AC Line Emission | See test report 4-3155-1-2_08 | - |
| Part 15.209 Part 15.247 | RSS-210, A8.5 | Radiated Spurious Emissions and Radiated Band Edge Compliance | See test report 4-3155-1-2_08 | - |
| Part 15.247(a) | RSS-210, A8.1 | Bluetooth 20 dB Bandwidth | See test report RTS-1191-0808-19 | - |
| Part 15.247(a) | RSS-210, A8.1 | Bluetooth Carrier Frequency Separation | See test report RTS-1191-0808-19 | - |
| Part 15.247(a) | RSS-210, A8.1d | Bluetooth Number of Hopping Frequencies | See test report RTS-1191-0808-19 | - |
| Part 15.247(a) | RSS-210, A8.1c | Bluetooth Time of Occupancy (Dwell Time) | See test report RTS-1191-0808-19 | - |
| Part 15.247(b) | RSS-210, A8.4 | Bluetooth Maximum Peak Conducted Output Power | See test report RTS-1191-0808-19 | - |
| Part 15.247(c) | RSS-210, A8.5 | Bluetooth Band-Edge Compliance of RF Conducted Emissions | See test report RTS-1191-0808-19 | - |
| Part 15.247(c) | RSS-210, A8.5 | Bluetooth Spurious RF Conducted Emissions | See test report RTS-1191-0808-19 | - |

F. Modifications to EUT

No modifications were required on the EUT.

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G. Summary of Results

1) AC LINE CONDUCTED EMISSIONS

See test report 4-3155-1-2_08.

2) RADIATED EMISSIONS

See test report 4-3155-1-2_08.

3) BLUETOOTH RF CONDUCTED EMISSIONS

See test report RTS-1191-0808-19.

H. Compliance Test Equipment Used

No test equipment used.