

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




A division of Research In Motion Limited

REPORT NO.: RTS-2671-1005-106

PRODUCT MODEL NO.: RDB71UW
TYPE NAME: BlackBerry® smartphone
FCC ID: L6ARDB70UW
IC: 2503A-RDB70UW

DATE: 09 June, 2010

	EMI Test Report for the BlackBerry® smartphone Model RDB71UW	
Test Report No. RTS-2671-1005-106		FCC ID: L6ARDB70UW IC: 2503A-RDB70UW

Statement of Performance:

The BlackBerry® smartphone, model RDB71UW, part number CER-31896-001 Rev. 1, and its accessories perform within the requirements of the test standards when configured and operated under RIM's operation instructions.

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:



Mahmood Ahmed
Regulatory Compliance Associate
Date: June 09, 2010

Reviewed by:



Michael Cino
Regulatory Compliance Associate
Date: June 09, 2010

Reviewed and Approved by:



Masud S. Attayi, P.Eng.
Manager, Regulatory Compliance
Date: June 16, 2010



	EMI Test Report for the BlackBerry® smartphone Model RDB71UW	
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	EMI Test Report for the BlackBerry® smartphone Model RDB71UW	
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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, October, 2009
- 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. RTS-2671-1004-30
2. Cetecom Test Report Number 1-2190-01-03_10_BT
3. Cetecom Test Report Number 1-2190-01-04_10_WLAN
4. RDA71UW_RDB71UW_differences_document_v_1_1

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 EMI test facilities

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

440 Phillip Street
Waterloo, Ontario
Canada, N2L 5R9
Phone: 519 888 7465
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CETECOM ICT Services GmbH
Untertürkheimer Str. 6 – 10
D-66117 Saarbrücken
Germany

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D. Test Results Chart

SPECIFICATION		TEST TYPE	Meets Requirements	TEST DATA
FCC CFR 47	IC			APPENDIX
Part 15.207	RSS-210 RSS-GEN	Conducted AC Line Emission	See Test Report Number RTS-2671-1004-30	1
Part 15.209 Part 15.247	RSS-210 RSS-GEN	BT Radiated Spurious Emissions and Radiated Band Edge Compliance	See Cetecom Test Report Number 1-2190-01-03_10_BT	N/A
Part 15.209 Part 15.247	RSS-210 RSS-GEN	802.11 b/g/n Radiated Spurious Emissions and Radiated Band Edge Compliance	See Cetecom Test Report Number 1-2190-01-04_10_WLAN	N/A
Part 15.247(a)	RSS-210	BT, 20 dB Bandwidth	See Test Report Number RTS-2671-1004-30	3
Part 15.247(a)	RSS-210	BT, Carrier Frequency Separation	See Test Report Number RTS-2671-1004-30	3
Part 15.247(a)	RSS-210	BT, Number of Hopping Frequencies	See Test Report Number RTS-2671-1004-30	3
Part 15.247(a)	RSS-210	BT, Time of Occupancy (Dwell Time)	See Test Report Number RTS-2671-1004-30	3
Part 15.247(b)	RSS-210	BT, Maximum Peak Conducted Output Power	See Test Report Number RTS-2671-1004-30	3
Part 15.247(c)	RSS-210	BT, Band-Edge Compliance of RF Conducted Emissions	See Test Report Number RTS-2671-1004-30	3
Part 15.247(c)	RSS-210	BT, Spurious RF Conducted Emissions	See Test Report Number RTS-2671-1004-30	3
Part 15.247(b)	RSS-210	802.11b/g/n, 6 dB Bandwidth	See Test Report Number RTS-2671-1004-30	4
Part 15.247(b)	RSS-210	802.11b/g/n, Maximum Conducted Output Power	See Test Report Number RTS-2671-1004-30	4
Part 15.247(b)	RSS-210	802.11b/g/n, Band-Edge	See Test Report Number RTS-2671-1004-30	4
Part 15.247(b)	RSS-210	802.11b/g/n, Peak Power Spectral Density	See Test Report Number RTS-2671-1004-30	4
Part 15.247(b)	RSS-210	802.11b/g/n, Spurious RF Conducted Emissions	See Test Report Number RTS-2671-1004-30	4