Corrections to APPENDIX 4 RADIATED EMISSIONS TEST DATA This report shall <u>NOT</u> be reproduced except in full without the written consent of Research In Motion Limited. Copyright 2002-2004, Research In Motion Limited



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Report No. RIM-0086-0404-01

Test Date: April 20 to June 25, 2004

## Radiated Emissions Test Data Results

Test distance is 3.0 metres

August 24, 2004

EUT				Rx Antenna		Spectrum Analyzer		Substitution Method Tracking Generator				
Туре	Ch	Frequency	Band	Туре	Pol.	Reading	Max (V,H)	Pol.	Reading	Corrected Reading	Limit (dBm)	Diff. To
		(MHz)				(dBuV)	(dBuV)	Tx-Rx	(dBm)	(relative to Dipole)		Limit (dB)
GSM850 Band (ERP)												
Handheld Standalone, on its side												
F0	128	824.20	850	Dipole	>	78.0	86.4	VV	11.0	27.35	38.50	-11.15
F0	128	824.20	850	Dipole	Ι	86.4	00.4	нн	9.8			
F0	195	837.60	850	Dipole	٧	78.6	87.1	VV	13.1	29.45	38.50	-9.05
F0	195	837.60	850	Dipole	Ι	87.1	07.1	нн	11.3	29.40		
F0	251	848.80	850	Dipole	V	80.6	88.5	V V 14.2	30.55	38.50	-7.95	
F0	251	848.80	850	Dipole	Ι	88.5	00.5	нн	11.7	30.55	30.30	-1.33

ERP = Tracking Generator Level + Antenna Gain - Cable Loss + Preamp

<u>Example</u>: 824.20 MHz = 11.0 (Tracking Generator Level) - 7.7 (Antenna Loss) - 2.15 (Dipole Factor) - 3.8 (Cable Loss) + 30.0 (Preamp Gain) = 27.35 dBm (Reading Relative to Dipole)