

FCC Class II Permissive Change

On

Dual-band CDMA 800/1900 PCMCIA Card

	FCC Part 22 & 24	IC RSS 129 & RSS 133
ID:	OVFKWC-KPC650	3572A-KPC650
Original Grant Date:	September 29, 2004	September 29, 2004
MODEL:	KPC-650	

STATEMENT OF COMPLIANCE

Kyocera Wireless Corp declares under its sole responsibility that the product, FCC ID: OVFKWC-KPC650 to which this declaration relates, is in conformity with the appropriate General Population/Uncontrolled RF exposure standards, recommendations and guidelines. It also declares that the product was tested in accordance with the appropriate measurement standards, guidelines and recommended practices.

Any deviations from these standards, guidelines and recommended practices are noted: NONE.

Date of Test:	December 3-10, 2004
Test performed by:	Kyocera Wireless Corp. 10300 Campus Point Drive San Diego, Ca 92121
Report Prepared by:	Fernando Calimbahin, Engineer
Report Reviewed by:	C. K. Li, Engineer, Senior Staff/Manager

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1 Test Summary

FCC Rule	IC		Description	Results		Remarks
	RSS 129	RSS 133		N/A	Passed	
2.1046	--	--	TX Conducted Power	✓		
22.913 24.232	7.1	6.2	TX Radiated Power		✓	*See Nemko Report
2.1049	--	--	Occupied Bandwidth	✓		
2.1051	--	--	Block Edge Compliance	✓		
2.1051	--	--	Spurious Emissions At Antenna Terminals	✓		
2.1053	6.3, 8	6.3	Transmitter Radiated Spurious Emissions		✓	*See Nemko Report
2.1055	--	--	Transmitter RF Carrier Frequency Stability	✓		
2.1091 2.1093	11	8	Exposure of Humans to RF Fields (SAR)		✓	*See KPC650 C2PC SAR Report
15	10	9	RX Radiated Emissions		✓	*See Nemko Report

Notes: N/A: Product performance and specifications are not affected by the changes.

* : Both configurations A (D064937) and B (D064923) were tested. Only the worst case configuration (A) data is reported.

2 Transmitter RF Power Output

2.1 Conducted Power

FCC: § 2.1046	IC: RSS-129 §7.1, RSS-133 §6.2
Measurement Procedures:	
The RF output power was measured using a Giga-tronics 8541C Universal Power Meter and HP 8594E Spectrum Analyzer that has the CDMA personality option. Terminated to a resistive coaxial load of 50 ohms.	

Mode	Frequency (MHz)	Channel	Measured Power (dBm)
CDMA 800	824.70	1013	24.17
	836.52	384	24.22
	848.31	777	24.12
CDMA 1900	1851.25	25	23.98
	1880.00	600	24.08
	1908.75	1175	23.80

2.2 Radiated Power

FCC: § 22.913, § 24.232	IC: RSS-129 §7.1 and §9.1, RSS-133 §6.2
Measurement Procedures:	
The radiated power test was performed at Nemko in San Diego, California. The test report is attached in a separate attachment.	

Mode	Frequency (MHz)	Channel	FCC Filed Max. Power (dBm)	Measured Max. Power (dBm)	Ref.
CDMA 800	824.70	1013	25.30	22.99	ERP
	836.52	384		22.98	
	848.31	777		24.75	
CDMA 1900	1851.25	25	24.18	23.46	EIRP
	1880.00	600		23.61	
	1908.75	1175		24.09	