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To FCC

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**SAR evaluation Letter for LG KG112**  
**FCC id: UBiKG112**

I have reviewed performed the SAR Evaluation and find it meets the requirements.

This product is a dual band GSM Handset which supports both GSM and GPRS.

The highest reported SAR was was 1.26 W/kg Head SAR at 848.8 MHz. Body with 1.5 cms separation operating in GPRS mode

The highest reported Head SAR at 850 MHz was 1.0707 W/kg Head SAR at 848.8 MHz.

The highest reported Head SAR at 1900 MHz was 0.524 W/kg at 1850.2 MHz.

The highest reported Body SAR at 1900 MHz was 1.060 W/kg with 1.5 cms separation at 1880 MHz.

I attended the May 2003 FCC Workshop and have used the FCC provided checklist for the SAR evaluation.

Please note:

1: Comparison of Output Powers between SAR and EMC Sample

The SAR report omits any values for Output power. However the same sample device was used for both EMC and SAR testing, and the Client has declared that no modifications were made between test sessions. ( See Declaration Samples Cover Letter)

Accordingly we view that comparability has been demonstrated.

2: Accessories

The User Manual shows a spare battery and a handsfree kit.

Body SAR was conducted with the Handsfree kit connected.

The client has confirmed that the spare battery is identical to the one supplied with the equipment, consequently no additional SAR tests are needed.

Yours sincerely

Hilton Carr  
Task Manager, Certification and Technical Development

