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**From:** Lillian Li  
**Sent:** Friday, October 22, 2010 5:03 PM  
Hi Greg,

Please see our response under your question below.

Thanks!

Lillian Li  
Certification and Approvals  
Product Safety and Compliance  
Motorola Mobility

On Fri, Oct 22, 2010 at 3:31 PM, PCTEST TCB/CB <[pctesttcb@pctestlab.com](mailto:pctesttcb@pctestlab.com)> wrote:

Hello Lillian,

Thank you for your email.

The conducted output power levels for cellular and PCS EDGE listed in the EMC report are about 4 dB and 2.5 dB lower, respectively, than the corresponding readings in the revised SAR report. If the levels in the SAR report are correct, please provide EDGE EMC data from a unit whose output is approximately equal to that shown in the revised SAR report.

**Response:**

The testing and conducted power levels for EGPRS in the SAR report were performed by the test lab using the guidance in KDB 941225 D03 which specifies; "When SAR tests for EDGE or EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ration inherent in 8-PSK". Therefore the testing in the SAR report utilized GMSK. The testing in the EMC report utilized 8-PSK. The conducted power delta observed between the these two reports is simply the average power reduction used in 8PSK compared to GMSK.

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,  
Gregory Czumak  
Senior Certification Engineer