

Steve Cheng

From: oetech@fccsun27w.fcc.gov
Sent: Thursday, December 20, 2012 6:39 AM
To: steve.cheng
Subject: Response to Inquiry to FCC (Tracking Number 889853) (TCB)

Importance: High



Office of Engineering and Technology

Inquiry on 12/14/2012 :

Inquiry:

Dear Commission,

Per page 16 of 941225 D01 SAR test for 3G devices it says the Release 6 HSPA procedures are applicable only if MPR is implemented according to Cubic Metric (CM) requirements. We have a Samsung GSM/WCDMA Smartphone which does implement the MPR; however, the actual MPR number (around 01000 as shown in page 21 of attached SAR test report) is lower than the number indicated in the KDB (02120). The applicant explains that the lower MPR number is due to the new RF chip design algorithm and reveals that higher power reduction is no longer required for the new design. Also, we believe that SAR tested at higher power is more conservative too if applicant can demonstrate that power amp is not over driven and can maintain the spectrum purity. Attached is the submitted SAR test report and detail description of why MPR does not follow the documented MPR number from chip maker. Could you please advise if applicant's explanation is acceptable to the commission and if TCB is allowed to continue the review according to relevant KDBs? Thank you very much for your help and we appreciate your clarification.

Best regards,

Steve Cheng

FCC response on 12/20/2012

We are aware of the enhanced-MPR and have not gotten to update the KDB procedures.

The TCB may proceed with the review and approval; however, please ensure the proper explanation are included in the equipment certification filing.

Attachment Details:

[SAR test report](#)

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