



SAMSUNG ELECTRONICS AMERICA, INC.
American QA Lab
18600 Broadwick St.
Rancho Dominguez, CA 90220

Date: November 14, 2011

PCTEST TCB/CB
 Div. of PCTEST Engineering Lab., Inc.
 6660-B Dobbin Road
 Columbia, MD 21045

SUBJECT: Samsung Electronics Co., Ltd.
FCC ID: A3LSCHI515

To Whom It May Concern:

We attest to the following for this application:

- 1.MPR is permanently implemented for all channel BWs, modulations, frequency bands and RB sizes:
 Supported channel BWs, modulations, frequency bands:
 a. LTE Band 13(Channel BW 10 MHz)/QPSK & 16QAM
2. MPR is implemented per 3GPP TS 36.101. With the MPR permanently implemented, this device will never operate higher than 23dBm in QPSK and 22dBm in 16QAM for LTE.
3. We confirm the specific MPR targets and tolerances shown below.

Frequency	BW	Modulation	RB Size	RB Offset	Target Power (dBm)	Target MPR	Allowed per 3GPP
782 MHz	10 MHz	QPSK	1	0	22.5 +0.5	0	0
		16QAM	1	0	21.5 +0.5	1	0-1
		QPSK	1	49	22.5 +0.5	0	0
		16QAM	1	49	21.5 +0.5	1	0-1
		QPSK	25	12	22.5 +0.5	0	0-1
		16QAM	25	12	21.5 +0.5	1	0-2
		QPSK	50	0	22.5 +0.5	0	0-1
		16QAM	50	0	21.5 +0.5	1	0-2

4. A-MPR was disabled for all SAR test samples for SAR testing purposes only.
5. This device does not implement power back-off schemes for SAR compliance.
6. This device does not support VOLTE capability via software set at the factory. This is a requirement of our buyer. Please note that VOLTE is not same as end users using 3rd party VOIP applications over LTE
7. We attest to the Simultaneous Tx listed on Operational Description to be accurate and furthermore, any other simultaneous Tx combinations not listed on the SAR report are not supported by software/hardware design.

Should you have any questions or comments concerning the above, please contact the undersigned.

Sincerely,

Minho Park, Engineer
 Samsung Electronics,.