

Samsung Electronics Co., LTD.
18600 Broadwick St.
Rancho Dominguez, CA 90220



Date: August 13, 2012
PCTEST TCB/CB
Div. of PCTEST Engineering Lab., Inc.
6660-B Dobbin Road
Columbia, MD 21045

Subject: Samsung Electronics Co., Ltd.
FCC ID: A3LSCHR820

To Whom it May Concern

We attest the following regarding FCC ID: A3LSCHR820

- 1) The LTE MPR Targets for Band 4 (AWS) are:

Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	Maximum MPR Allowed per 3GPP [dB]
Band 4	1.4	QPSK	1	0	0	0
	1.4	QPSK	1	5	0	0
	1.4	QPSK	3	2	0	0
	1.4	QPSK	6	0	1	0-1
	1.4	16-QAM	1	0	1	0-1
	1.4	16-QAM	1	5	1	0-1
	1.4	16-QAM	3	2	1	0-1
	1.4	16-QAM	6	0	2	0-2
	3	QPSK	1	0	0	0
	3	QPSK	1	14	0	0
	3	QPSK	8	4	1	0-1
	3	QPSK	15	0	1	0-1
	3	16-QAM	1	0	1	0-1
	3	16-QAM	1	14	1	0-1
	3	16-QAM	8	4	2	0-2
	3	16-QAM	15	0	2	0-2
	5	QPSK	1	0	0	0
	5	QPSK	1	24	0	0
	5	QPSK	12	6	1	0-1
	5	QPSK	25	0	1	0-1
	5	16-QAM	1	0	1	0-1
	5	16-QAM	1	24	1	0-1
	5	16-QAM	12	6	2	0-2
	5	16-QAM	25	0	2	0-2
	10	QPSK	1	0	0	0
	10	QPSK	1	49	0	0
	10	QPSK	25	12	1	0-1
	10	QPSK	50	0	1	0-1
	10	16QAM	1	0	1	0-1
	10	16QAM	1	49	1	0-1
	10	16QAM	25	12	2	0-2
	10	16QAM	50	0	2	0-2

2) The LTE MPR Targets for Band 2 (PCS) are:

Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	Maximum MPR Allowed per 3GPP [dB]
Band 2	1.4	QPSK	1	0	0	0
	1.4	QPSK	1	5	0	0
	1.4	QPSK	3	2	0	0
	1.4	QPSK	6	0	1	0-1
	1.4	16-QAM	1	0	1	0-1
	1.4	16-QAM	1	5	1	0-1
	1.4	16-QAM	3	2	1	0-1
	1.4	16-QAM	6	0	2	0-2
	3	QPSK	1	0	0	0
	3	QPSK	1	14	0	0
	3	QPSK	8	4	1	0-1
	3	QPSK	15	0	1	0-1
	3	16-QAM	1	0	1	0-1
	3	16-QAM	1	14	1	0-1
	3	16-QAM	8	4	2	0-2
	3	16-QAM	15	0	2	0-2
	5	QPSK	1	0	0	0
	5	QPSK	1	24	0	0
	5	QPSK	12	6	1	0-1
	5	QPSK	25	0	1	0-1
	5	16-QAM	1	0	1	0-1
	5	16-QAM	1	24	1	0-1
	5	16-QAM	12	6	2	0-2
	5	16-QAM	25	0	2	0-2
	10	QPSK	1	0	0	0
	10	QPSK	1	49	0	0
	10	QPSK	25	12	1	0-1
	10	QPSK	50	0	1	0-1
	10	16QAM	1	0	1	0-1
	10	16QAM	1	49	1	0-1
	10	16QAM	25	12	2	0-2
	10	16QAM	50	0	2	0-2

3) The Simultaneous Transmission Scenarios are described in the following table:

No.	Capable Tx Configurations	Head	Body-Worn Accessory	Hot Spot	Note	Scenario Possible?
		IEEE 1528, Supp C	Supp C	FCC KDB 941225 D06		
1	850/1700MHz/1900MHz CDMA Voice + Wi-Fi 2.4GHz	Yes	10mm	N/A		Yes
2	850/1700MHz/1900MHz CDMA Voice + LTE Data	Yes	10mm	N/A		Yes
3	LTE Voice/Data + Wi-Fi 2.4GHz	Yes	10mm	Yes	VoLTE and LTE Data over a single physical channel with shared via RB allocation	Yes
4	850/1700MHz/1900MHz CDMA Voice + Wi-Fi 2.4GHz + LTE Data	Yes	10mm	Yes	1X Voice + LTE Hotspot	Yes

- 5 GHz WIFI mode is blocked by chipset F/W

Sincerely,

A small, square image showing a handwritten signature in blue ink. The signature is stylized and appears to be 'T. Choi'.

Taekkyun Choi, Senior Engineer

Samsung Electronics,.