



Samsung Electronics Co., LTD.  
129, Samsung-ro, Yeongtong-gu  
Suwon-City, Gyeonggi-do, 443-742, Korea

Date: December 22, 2016

PCTEST

Subject: Samsung Electronics Co., Ltd.  
FCC ID: A3LSMA320Y

We attest that

@ Test Case : HSDPA / HSUPA / DC-HSDPA Average Max power check

<WCDMA B2>

HSUPA : Subset 2/3/4 mostly lower than the tune up power with MPR

HSDPA : Subset 4 mostly lower than the tune up power with MPR

<WCDMA B4>

HSUPA : Subset 3/4 mostly higher than the tune up power with MPR

HSDPA : Subset 2/3/4 mostly higher than the tune up power with MPR

<WCDMA B5>

HSUPA : Subset 2/3/4 mostly lower than the tune up power with MPR

HSDPA : Subset 2/4 mostly lower than the tune up power with MPR

DC-HSDPA : Subset 3/4 mostly lower than the tune up power with MPR

<WCDMA B2 Reduced Power>

HSUPA : Subset 4 mostly higher than the tune up power with MPR

HSDPA / DC-HSDPA : Subset 3/4 mostly higher than the tune up power with MPR

<WCDMA B4 Reduced Power>

HSDPA / DC-HSDPA : Subset 3/4 mostly higher than the tune up power with

HSUPA : Subset 2/3/4 mostly higher than the tune up power with MPR

LTE : Power are in the Tune-up procedure and compies with the 3GPP.

@ Developer's opinion.

It is expected by manufacturer that MPR for some HSPA subtests may be up to 2dB more than specified by 3GPP, but also as low as 0 dB according to the chipset implementation in this model. The HSPA transmitter power will not exceed the R99 maximum transmit Power in this device

Engineer : Yongil Heo

Samsung Electronics CO. LTD

TEL: +82-10-7192-7350

E-mail: [yongil89.heo@samsung.com](mailto:yongil89.heo@samsung.com)