

Date: March 25, 2015

## **TDD LTE Considerations**

SAR must be tested with a fixed periodic duty factor

- according to the highest transmission duty factor implemented for the device and supported by 3GPP
- 1) See 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
- 2) “Special subframe S” contains both uplink and downlink transmissions and must be taken into consideration to determine the transmission duty factor
  - According to the worst case uplink and downlink cyclic prefix requirements for UpPTS to determine the highest SAR test duty factor

MPR for FCC SAR Testing

The maximum output power is permanently limited by the MPR implemented within the device, according to the RB (resource block) configurations specified in 3GPP/LTE standards.

**Our products are designed to comply with the above.  
And operates according to the above considerations.**

Sincerely,



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**Hee-Jun Gu**  
**Director**