

## FCC ID : UK4JTCM1000

According to KDB 447498 D01 General RF Exposure Guidance v05, section 4.3.1

At 100 MHz to 6 GHz and for *test separation distances* > 50 mm, the SAR test exclusion threshold is determined according to the following;

- a) [(Threshold at 50 mm in step 1) + (test separation distance – 50 mm) x ( $f_{\text{(MHz)}}$  / 150)] mW, 100 MHz to 1500 MHz
- b) [(Threshold at 50 mm in step 1) + (test separation distance – 50 mm) x 10] mW at > 1500 MHz and  $\leq$  6 GHz

### 1. SAR test exclusion threshold

**Cellular Band : 824.70 MHz (min. separation distances = 110 mm)**

Threshold at 50 mm in step 1 =  $150 / \sqrt{0.0.82470} = 165.17 \text{ mW}$

SAR test exclusion thresholds(110 mm) =  $165.17 + 60 \times (824.70 / 150) = 495.05 \text{ mW}$

Max. conducted power(mW)	SAR Test Exclusion Thresholds(110 mm) (mW)
340.41	495.05

**PCS Band : 1 880.00 MHz (min. separation distances = 110 mm)**

Threshold at 50 mm in step 1 =  $150 / \sqrt{1.880} = 109.40 \text{ mW}$

SAR test exclusion thresholds(110 mm) =  $109.40 + 60 \times 10 = 709.40 \text{ mW}$

Max. conducted power(mW)	SAR Test Exclusion Thresholds(110 mm) (mW)
317.69	709.40

### 2. Conclusion : No SAR is required.