

FCC ID: EHTAQUA1

447498 D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\left[\frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{min. test separation distance, mm}} \right] \cdot$$

$$\left[\sqrt{f(\text{GHz})} \right] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

max. power of channel, including tune-up tolerance, mW	8.1
min. test separation distance, mm	27
$f(\text{GHz})$ is the RF channel transmit frequency in GHz	2.48
SAR test exclusion threshold	$0.47 < 3$

MINIMUM DISTANCE FROM THE ANTENNA TO ANY PART OF THE BODY OR EXTREMITY

27mm from the head



6 mm from the end of the handset



6 mm from the back of the handset (opposite mouth piece)

