

## RF Exposure evaluation

According to 447498 D01 General RF Exposure  
Guidance v05

The 1-g and 10-g SAR test exclusion thresholds for  
100 MHz to 6 GHz at test separation distances  $\leq$   
50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and} \leq 7.5 \text{ for 10-g extremity SAR, where}$

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Worse case is as below: [2440 MHz -1.6dBm (0.692mW)  
output power]

(0.692mW /5mm) • [  $\sqrt{2.440}$  (GHz) ]= 0.22<3.0 for  
1-g SAR

Then SAR evaluation is not required