## RF Exposure evaluation

## According to 447498 D01 General RF Exposure Guidance v06

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:

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

Power and distance are rounded to the nearest  ${\tt mW}$  and  ${\tt mm}$  before calculation

The result is rounded to one decimal place for comparison

Worse case is as below:

[2440 MHz 3.811dBm (2.40mW) output power]

 $(2.40 \text{mW} / 5 \text{mm}) \cdot [\sqrt{2.440} (\text{GHz})] = 0.75 < 3.0 \text{ for } 1-\text{g SAR}$ 

Then SAR evaluation is not required.