## 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: [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot$  [ $\sqrt{f(GHz)}$ ]  $\leq$  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
- ${}^{\bullet}$  Power and distance are rounded to the nearest mW and mm before calculation
- $\boldsymbol{\cdot}$  The result is rounded to one decimal place for comparison

Worse case of BT is as below:  $[2402 \text{ MHz} \ 2.65 \text{dBm} \ (1.84 \text{mW}) \ \text{output power} ]$   $(1.84 \text{mW} \ /5 \text{mm}) \ \bullet \ [\sqrt{2.402} \ (\text{GHz})] = \ 0.6 < 3.0 \ \text{for } 1\text{-g SAR}$ 

2.17+0.6=2.77<3.0 for 1-g SAR

Then SAR evaluation is not required