## RF Exposure evaluation

According to KDB 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  $\cdot$  f(GHz) is the RF channel transmit frequency in GHz  $\cdot$  Power and distance are rounded to the nearest mW and mm before calculation  $\cdot$  The result is rounded to one decimal place for comparison Worse case is as below: The worst case: The minimum distance from antenna to human body (hand) is 20mm. ( 29.7 mW /20mm)  $\cdot [\sqrt{2.480} (GHz)] = 2.34 < 3.0$  for 1-g SAR

Then SAR evaluation is not required



