# 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 ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] •[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 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 mW and mm before calculation
( The result is rounded to one decimal place for comparison

Worse case is as below: [2480 MHz 2.50dBm（1.78mW） output power]

(1.78mW /5mm) •[√2.480 (GHz)]= 0.56 <3.0 for 1-g SAR

Then SAR evaluation is not required