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)] • [$\sqrt{f(GHz)}$] ≤ 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: [2402 MHz 1.85dBm(1.53mW)output power]

(1.53mW /5mm) • [$\sqrt{2.402}$ (GHz)]= 0.5 <3.0 for 1-g SAR

Then SAR evaluation is not required