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≤ 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 mW and mm before calculation
☐ The result is rounded to one decimal place for comparison
Worse case is as below: [2402 MHz 5.21dBm (3.32 mW) output power]
(3.32 mW /5mm) • [$\sqrt{2.402}$ (GHz)]= 1.029 <3.0 for 1-g SAR
Then SAR evaluation is not required