RF exposure letter

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)] \cdot [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:

[2442MHz / 2.21dBm (1.66 mW) output power] (1.66 mW /5mm) \cdot [$\sqrt{2.442(GHz)}$]=0.519 <3.0 for 1 - g SAR Then SAR evaluation is not required