RF Exposure evaluation

According to KDB 447498 D01 General RF Exposure Guidance v05

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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)] • [\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
eirp = pt x gt = (EXd)^2/30
where:
pt = transmitter output power in watts,
gt = numeric gain of the transmitting antenna (unitless),
E = electric field strength in V/m, --- 10^{((dBuV/m)/20)}/10^6
d = measurement distance in meters (m) ---3m
So pt = (EXd)^2/30 \times gt
Ant gain 2dBi, so Ant numeric gain=1.58
Field strength = 97.81 \text{ dBuV/m} @3m
So pt ={ [10^{(97.81/20)}/10^6 \times 3]^2/30\times 1.58 }x1000 mW = 1.147 mW
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Then SAR evaluation is not required

So $(1.147 \text{mW}/5 \text{mm}) \times \sqrt{2.410} \text{ GHz} = 0.36 < 3$