According to 447498 1 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 \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,16 where

 $\ensuremath{\text{f(GHz)}}$ 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<sup>((dBuV/m)/20)</sup>/10<sup>6</sup>

d = measurement distance in meters (m)---3m

So pt = (EXd)²/30 x gt

Field strength =93.21dBuV/m @3m

Ant gain =0.15dBi

So pt=0.607mW

So (0.607mW/5mm)x √0.9145 =0.116<3</pre>
```

Then SAR evaluation is not required