

## 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  $\leq$  50 mm are determined by:  $[(\text{max. power of channel, including tune - up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1 - g SAR and } \leq 7.5 \text{ for 10 - g extremity SAR, where}$

$f(\text{GHz})$  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

$P_t = 76.63 - 95.2 = -18.57 \text{ dBm} = 0.0139 \text{ mW at } 433.92 \text{ MHz}$

So

$(0.0139 \text{ mW}/5 \text{ mm}) \times \sqrt{0.43392 \text{ GHz}} = 0.0018 < 3$

Then SAR evaluation is not required