



## RF exposure

According to 447498 D01 General RF Exposure Guidance v06

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:

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

### Results – Bluetooth 4.0 (1Mbps)

Frequency (GHz)	Distance (mm)	Max tune-up Average power		Calculation value	Exclusion Threshold
		(dBm)	(mW)		
2.402	5	-1.5	0.71	0.22	$\leq 3.0$
2.442	5	-1.5	0.71	0.22	$\leq 3.0$
2.480	5	-1.5	0.71	0.22	$\leq 3.0$