

Stand Alone SAR Test Exclusion (<50mm)  
According to KDB 447498 D01 General RF Exposure Guidance v06

Frequency, GHz	Min Separation distance to Body mm	Min Separation distance to Extremity mm	Max Conducted Power, dBm	Duty Cycle %	External cable loss, dB	Calculated Max Power, mW	1g head / body	10g Extremity
2.450	10.0	5.0	10.80	100%	0.00	12	1.9	3.8

SAR DOES NOT apply for head / body worn operating conditions  
SAR DOES NOT apply for extremity operating conditions

a) For 100 MHz to 6 GHz and *test separation distances*  $\leq$  50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:  

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

- $f_{(\text{GHz})}$  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