

Stand Alone SAR Test Exclusion  
According to KDB447498D01 General RF Exposure Guidance v05r02

Frequency, GHz	Min Separation distance to Body mm	Min Separation distance to Extremity mm	Max Power + Tolerance dBm	Antenna gain, dBi	Calculated Max Power, mW EIPR	1g head / body	10g Extremity
0.916	12.0	6.5	7.68	1.00	<b>10</b>	0.80	1.37

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

- 1) 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,<sup>25</sup> 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<sup>26</sup>
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below



Closest distance to body



Closest distance to hand.