

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	10.0	8.46	100.0%	0.00	7	1.10	1.10

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

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

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