

Standalone SAR test exclusion (Head or body)

Equation from page 12 of KDB 447498 D01

$$\frac{\text{Max power of channel, including tune-up tolerance, mW}}{\text{Min. test separation distance, mm}} \times \sqrt{f_{(\text{GHz})}}$$

where: $f_{(\text{GHz})}$ = RF channel transmit frequency in GHz

Maximum conducted output power: -3.30 dBm

Maximum conducted output power: 0.5 mW

Minimum test separation distance: 5 mm

RF channel transmit frequency: 2.402 GHz

SAR evaluation numerical simulation: 0.1 1-g SAR

Numeric threshold for SAR test exclusion: 3.0 1-g SAR

Margin of Compliance: 2.9 1-g SAR

Notes: Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

The values 3.0 (Head and Body) and 7.5 (extremity) are referred to as numeric thresholds