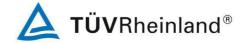


Appendix 5 RF Exposure Information



Maximum transmitter power:

Frequency	Maximum peak output power	Output power
(KHz)	(dBuV/m)	(mW)
161	63.9	0.00074
174	63.1	0.00061

For FCC

According to KDB 447498 D01:

Standalone SAR test exclusion considerations:

For frequencies below 100 MHz, the following may be considered for SAR test exclusion:

For test separation distances ≤ 50 mm, power threshold determined by below equation for 50 mm and 100 MHz.

```
\{\{3\cdot (min.\ test\ separation\ distance,\ mm)/\sqrt{f_{(GHz)}} + [(test\ separation\ distance-50\ mm)\cdot f(MHz)/150]\}\cdot [1 + log(100/f(MHz))]\} \cdot 1/2\ mW
```

for 1-g SAR and ≤7.5 for 10-g extremity SAR,24 where

- \bullet $f_{\text{(GHz)}}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation25
- 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

Power Threshold:

```
\{(3*50)/\sqrt{0.1} * [1 + \log(100/0.161)]\} *1/2= 899.6 \text{ mW} 
\{(3*50)/\sqrt{0.1} * [1 + \log(100/0.174)]\} *1/2= 891.6 \text{ mW}
```

Conclusion:

No SAR is required.