

## RF Exposure Compliance Requirement

The product belongs to **standalone portable device** base the FCC rule part 2.1091&2.1093. The transmission frequencies of the device are between 100 MHz and 6 GHz. The worst case test separation distance is **5mm**.

The Max Conducted Output Power and SAR Test Exclusion Threshold (mW) are listed below:

| Transmit frequency (GHz) | Max Conducted Output Power (mW) | SAR Test Exclusion Threshold (mW) |
|--------------------------|---------------------------------|-----------------------------------|
| 2.402                    | 0.283                           | 9.7                               |
| 2.440                    | 0.258                           | 9.6                               |
| 2.480                    | 0.270                           | 9.5                               |

The SAR Test Exclusion Threshold is calculated from:

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

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>
- The result is rounded to one decimal place for comparison

According to SAR Exclusion Threshold in KDB 447498 (D01) General RF Exposure Guidance v06, the SAR report is not required.