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:

For BLE mode

Transmit frequency (GHz)	Max Conducted Output Power (mW)	SAR Test Exclusion Threshold (mW)
2.402	0.74	9.7
2.440	0.89	9.6
2.480	0.76	9.5

For FHSS mode DH1

Transmit frequency (GHz)	Max Conducted Output Power (mW)	SAR Test Exclusion Threshold (mW)
2.402	0.73	9.7
2.440	0.89	9.6
2.480	0.76	9.5

The SAR Test Exclusion Threshold is calculated from:

[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] ·[√f(GHz)] ≤ 3.0 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 calculation17
- The result is rounded to one decimal place for comparison

According to SAR Exclusion Threshold in KDB 447498 (D01) General RF Exposure Guidance v05, the SAR report is not required.