RF Exposure Compliance Requirement

The product belongs to **standalone portable device** base the FCC rule part 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 (dBm)	Max Conducted Output Power (mW)	SAR Test Exclusion Threshold (mW)
BR & EDR			
2.402	1	1.259	9.68
2.441	4	2.512	9.62
2.480	3	2	9.52
BLE			
2.402	2	1.585	9.68
2.440	4	2.512	9.62
2.480	0	1	9.52

Frequency (MHz)	**Nominal Power**	**Tolerance(dB)**	**Tune up max power (dBm)**
BR & EDR			
2.402	0dBm	+/- 1	1
2.441	2dBm	+/- 2	4
2.480	1dBm	+/- 2	3
BLE			
2.402	1dBm	+/- 1	2
2.440	3dBm	+/- 1	4
2.480	-1dBm	+/- 1	0

The SAR Test Exclusion Threshold for 100 MHz to 6 GHz is calculated from:

1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·

[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- f(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

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation *distance is* < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

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