9.1 FCC SAR Test Exclusion Consider Table

According with FCC KDB 447498 D01, Appendix A, <SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm> Table, this Device SAR test configurations consider as following :

Band	Mode	Max. Peak Power		Test Position Configurations
				Headset
		dBm	mW	
Bluetooth	Distance to User			<5mm
	Bluetooth BR/EDR	12.00	15.85	Yes
	Bluetooth BLE	9.00	7.94	No

Note:

1. Maximum power is the source-based time-average power and represents the maximum RF output power among production units.

2. Per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.

3. Per KDB 447498 D01, standalone SAR test exclusion threshold is applied; If the distance of the antenna to the user is < 5mm, 5mm is used to determine SAR exclusion threshold

4. Per KDB 447498 D01, 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)] $\cdot[\sqrt{f(GHz)}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

   a. f(GHz) is the RF channel transmit frequency in GHz

   b. Power and distance are rounded to the nearest mW and mm before calculation

   c. The result is rounded to one decimal place for comparison

   d. For < 50 mm distance, we just calculate mW of the exclusion threshold value (3.0) to do compare.

   This formula is [3.0] / $[\sqrt{f(GHz)}]$ $\cdot$[(min. test separation distance, mm)] = exclusion threshold of mW.