

FCC ID : ZNFHBS1100

According to KDB 447498 D01 General RF Exposure Guidance v06, sec. 4.3.1

At 100 MHz to 6 GHz and for test separation distances ≤ 50 mm, the SAR test exclusion threshold is determined according to the following

$$\frac{\text{Max Power of Channel (mW)}}{\text{Test Separation Distance (mm)}} * \sqrt{\text{Frequency (GHz)}} \leq 3.0$$

1. SAR test exclusion threshold

Frequency : 2 480 MHz (min. separation distance = 5mm)

SAR test exclusion thresholds (5mm)

Mode	Frequency	Maximum Allowed Power	Separation Distance	≤ 3.0
	[MHz]	[mW]	[mm]	
Bluetooth	2 480	2	5	0.63

Based on the maximum conducted power of Bluetooth and antenna to use separation distance, Bluetooth SAR test was not required
 $[(2/5)*\sqrt{2.480}] = 0.63 < 3.0$.

Note: The frequency of Bluetooth using for estimated SAR was selected highest channel of Bluetooth for highest SAR test exclusion thresholds.

2. Conclusion

This EUT (FCC ID:ZNFHBS1100) is not required SAR test.