RF Exposure Requirements

Product Description: Bluetooth Transmitter and Receiver 2-in-1
Model No.: B03, B03+, B03Pro, B03Plus, RT727, RT801, C03, C03+, ZW-B03, ZW-B03+, B04, B05, B06, B07, B08, B09, RT802, RT803, RT804, RT805, RT806
FCC ID: 2AJU3RT727

According to the KDB 447498 D01 v06, 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,16 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

Bluetooth(EDR)

Total Conducted Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
7.53	5.66	5	2.402	1.75	3

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)]: 5.66/5*√2.402=1.75

Bluetooth(EDR)

Total Conducted Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
7.74	5.95	5	2.440	1.86	3

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)]: 5.95/5*√2.440=1.86

The exclusion thresholds is less than 3, therefore, the RF exposure evaluation is not required.