

RF Exposure Requirements

Product Description: Self -balancing Unicycle

Model No.: KS

FCC ID: 2ADW6KINGSONG-14

According to the KDB-447498 D01 V05r02, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth (EDR mode)

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 3.140 dBm

Maximum Output Power: 2.06mW

Limit: 10mW

Source-based time-averaged output power is $2.06\text{mW} < 10\text{ mW}$

Bluetooth (BLE mode)

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -1.521 dBm

Maximum Output Power: 0.7045mW

Limit: 10mW

Source-based time-averaged output power is $0.7045\text{mW} < 10\text{ mW}$

So the transmitter complies with the RF exposure requirements and the SAR is not required.