

RF Exposure Requirements

Product Description: Pico motion controller

Model No.: C1210

FCC ID: 2A13G-C1210

According to the KDB 447498 D01 V06, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

The maximum conducted output power tested: 2.01dBm

The conducted output power specified is 3 dBm

Tolerance: ± 2 dB

The source- based time-averaging conducted output power

$= (3 + 2) * \text{Duty cycle mW} = 3.16 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Maximum Conducted Output Power: 3.16 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $3.16 \text{ mW} < 10\text{mW}$

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