

RF Exposure Requirements

Product Description: Pico motion controller

Model No.: MW10Q15

Add Model No.: MID10Q15, MD10Q15, NOQB5

FCC ID: M7C-MW10Q15

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: 9.44dBm

The conducted output power specified is 8.5 dBm

Tolerance: ± 1 dB

The source- based time-averaging conducted output power

$= 10^{(8.5+1)/10}$ mW = 8.913mW

Maximum Conducted Output Power: 8.913 mW

Limit: 10mW

Source-based time-averaged Conducted output power is 8.913 mW < 10mW

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