

## Operational Description

Nike, Inc.

Model: NA0020

FCC ID.: QYUESP12

The device is a sensor that fits into an athletic shoe. The sensor measures various physical parameters during the physical activity of the user. This information is transmitted to a companion device (adapter) that connects to a mobile computing device such as an iPod using an on-board Bluetooth Low Energy transmit circuit. The adapter device is filed as FCC ID.: QYUESP11

**Modulation:** GMSK (Gaussian Minimum-Shift Keying)

**Spectrum Access:** The device is a Digital transmission device that also uses Frequency Hopping Spread Spectrum technology to access the radio spectrum. The device was tested as a Digital Transmission System device (DTS).

**Transmitted information:** The transmitter is data-only

**Frequency band:** The transmitter on 40 channels between 2402 MHz and 2480 MHz.

**Crystal oscillator:** 16 MHz