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Subject: Operational Description

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FCC ID:2AFYY-BLERANGEX
IC: 20641-BLERANGEX

Product: BLE Range Extender Module

The product is a Bluetooth Low Energy (BLE) transceiver system-on-a-chip that transmits a packet at three frequencies; 2402 MHz, 2440 MHz & 2480MHz at a data rate of 1mbps. The module incorporates a range extender allowing significantly improved range compared to other BLE devices.

The module is fully programmable according to the Texas Instruments specifications for the cc2540 and is marketed with no firmware.

Application use is up to the end user who may use this device to develop firmware utilizing Bluetooth Low Energy protocols while also allowing for greater communication range.