

**The EUT can be operated one of two ways. The first is via a momentary switch. The second, via a shaker element switch which transforms the EUT user movement into pulses. The momentary switch and shaker switch are both connected to a microcontroller which controls the operation of the device. Upon activation of one of the microcontroller inputs (switches), it sends a command to an encoder IC to send out encrypted data to the oscillator/RF circuit. The RF oscillator modulates the data and radiates it via a PCB antenna.**