

Elpas Solutions Ltd.

FCC ID:O4X5-WTG41102
IC:1467G-5WTG41102

Operational description

The Elpas Personal Safety Bracelet is an attractive bracelet that provides around-the-clock monitoring of medical patients and assisted living care residents who require added safety.

The bracelet bundles tri-tech Real-Time Location System (RTLS) technologies to deliver precise real-time positioning data so that a host RTLS safety application or an integrated physical security platform can track the whereabouts of the individual anywhere within the facility.

The EUT is a Triple Technology Wrist Tag that comprises Tx/Rx 433.42 MHz with GFSK modulation and Rx 125 kHz radio module. Upon receiving a 125 kHz signal or pressing on the button, it transmits a digital ID message at 433.42 MHz.

The device has three models which have the same housing/enclosure, PCB, RF part (GFSK modulated transceiver 433.42 MHz), LF receiver (125 kHz), and they vary in the following:

- the EUT model 5-WTG41102-0 is provided with a transceiver (433.42 MHz), and LF receiver (125 kHz), an IR receiver and tamper band;
- the EUT model 5-WTG40002-0 is provided with a transceiver (433.42 MHz), and LF receiver (125 kHz), tamper band and without an IR receiver;
- the EUT model 5-WTG41100-0 is provided with a transceiver (433.42 MHz), and LF receiver (125 kHz) without tamper and an IR receiver.

The EUT is powered from 3V internal battery.