

Elpas Solutions Ltd.

FCC ID:O4X5-WTG411210
IC:1467G-5WTG411210

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

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

- the EUT model 5-WTG41121-0 is provided with a standard band and an IR receiver;
- the EUT model 5-WTG41120-0 is provided without band (plastic slits) and with an IR receiver;
- the EUT model 5-WTG40121-0 is provided with a standard band and without an IR receiver;
- the EUT model 5-WTG40120-0 is provided without band and without an IR receiver.

The EUT is powered from 3V internal battery.