OPERATIONAL DESCRIPTION

PURECOM v1.0

<u>Model Name:</u>
PRF-PURECOM10

SuperCom 2014

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1 Operational Description

The EUT is a monitoring base station, with ability to read RF transmissions and transmit LF radio transmissions to tags around it, with fully connectivity to IP networking on the background.

The EUT has ability to alert the monitoring application (server side) on various events and tempers around it.

The EUT uses a combination between two RF frequency types for communications with the tags around it. The Activator transmitter based on LF magnetic field at 125 KHz and transceiver based on free channel 433.92MHz (UHF). That way enabling two ways of data air flow: LF transmitter (TX) and UHF receiver (RX).

As for the IP connectivity, the EUT has 4 options:

- Ethernet (RJ-45 to router)
- Wi-Fi (to wireless router)
- Cellular GPRS (to cellular antenna)
- Dial-up modem connection (RJ11 to telephone line)

EUT model name: **PRF-PURECOM10**

PureCom v1.0 variants:

- **PRF-PURECOM10A**   - PureCom v1.0 without analog modem and without fingerprint reader.

- **PRF-PURECOM10F**   - PureCom v1.0 with fingerprint reader.

- **PRF-PURECOM10M**   - PureCom v1.0 with analog modem.

- **PRF-PURECOM10MF**   - PureCom v1.0 with analog modem and fingerprint reader.