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Subject: RADIO Test of the RFID MODULE UHF-CA3-AC5-GPRS

Applicant: PSION Teklogix Inc.

Product: Integrated UHF RFID Reader

Model: RFID Module UHF-CA3-AC5-GPRS

FCC ID: GM3UHFCA3AC5GPRS

IC ID: 2739D-UHFGPRS

The RFID module has to pass the limited Modular approval for FCC and Canadian rules. This module will be approved for use when installed in the following Workabout Pro G2 Handheld PC models: 7527C and 7527S in co-transmission with Bluetooth module, WIFI CF-Card RA2041, GPRS RA3030-G2, 7527C and 7527S in co-transmission with Bluetooth module, GPRS RA3030-G2.

The WORKABOUT PRO G2 7527 C and S are colours portables PC (This product is a portable device. It must not be held closer than 20 cm from the rest of the body and must not be used in a holster or on a belt-clip).

They also have a Lithium Ion polymer rechargeable battery pack, optional Laser scanner unit, optional WIFI CF-card (RA2041) and Bluetooth module.

These configurations are already approved:

- 7527 C and S with BT: FCC ID GM37525BTB and IC ID 2739D-7525BTB
- 7527 C and S with BT and GPRS: FCC ID GM375273RADA and IC ID 2739D-7527RADA
- 7527 C and S with BT and WIFI: FCC ID GM37527RA2041 and IC ID 2739D-7527RA2041

The 915 MHz CAEN RFID couplers consisted of an antenna and RFID reader PCB/ interface PCB. Supplied with the unit is a docking station and AC/DC adaptor. The RFID module has an integrated antenna.

For the RADIO test of RFID MODULE UHF-CA3-AC5-GPRS we have used some part of the FCC report from the CAEN reader A528 FCC ID: UVECAENRFID003.

The radio part A528 is exactly the same in the RFID Module UHF-CA3-AC5-GPRS and we have used only the tests part independent of the antenna type.

For information the antenna used in the RFID MODULE UHF-CA3-AC5-GPRS is a circular patch antenna type with around 2.5 dBic of gain.

Regards,

Fabien BARRY
Psion Teklogix