

September 6, 2007

Federal Communications Commission  
Equipment Authorization Branch 7435  
Oakland Mills Road  
Columbia, MD 21046

In re: Prosoft Technology, Inc.  
FCC ID: OQ7IHW  
Modular Transmitter Approval

To Whom It May Concern:

With regards to our application for equipment authorization of the Mini PCI module, listed below are the modular approval requirements with which the EUT complies:

- a) The modular transmitter has its own RF shielding. The shield is made of steel, tin coated. This is intended to ensure that the modules do not have to rely upon the shielding provided by the device into which it is installed in order for all modular coupling between the RF circuitry of the module and any wires or circuits in the device into which the module is installed. Such coupling may result in non-compliant operation.
- b) The modular transmitter has buffered modulation/data inputs to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation. This is taken care of the Baseband Processor (BBP) chipset used.
- c) The modular transmitter has its own power supply regulation provided by voltage regulator ISL6414IR. This is intended to ensure that the module will comply with Part 15 requirements regardless of the power supplying circuitry in the device into which the module is installed.
- d) The modular transmitter complies with the antenna requirements of Section 15.203 and 15.204(c). A proprietary miniature pcb connector is used on the module, and a proprietary cable is used to connect to antennas with reverse polarity sma connectors.
- e) The modular transmitter has been tested in a stand-alone configuration, i.e. the module was completely uncovered attached to a bare host pc board during testing. This demonstrates that the module is capable of complying with Part 15 emission limits regardless of the device into which it is eventually installed. The transmitter

module complies with the AC line conducted requirements found in Section 15.207.  
The antenna cable connected to the module does not contain ferrites.

- f) The modular transmitter is labeled with its own FCC ID number, and the OEM is instructed to provide an exterior label to be placed on the device into which the EUT is installed.
- g) There are no specific rules or operating requirements applicable to the transmitter with respect to user operation.
- h) The modular transmitter complies with the applicable RF exposure requirements, as specified in Section 15.247. The EUT is a mobile device. The installation instructions caution the user to install and operate the EUT in such a way that a minimum 20 cm separation distance is maintained between the antenna and all persons during normal operation.

Sincerely,



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