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Modular Transmitter Requirements for FCC ID: QPI-RFMODULE01

HTC Product #	Doc #	Rev.	Date	Prepared by
xxxxxx-xx	EDR122	A	2/10/06	Oron Brokman

February 9, 2006

Re: Limited Modular Transmitter Approval
FCC ID: QPI-RFMODULE01

Gentlemen,

The following information is being provided per the requirements of DA00-1407 regarding limited modular approval of Part 15 devices.

This transceiver is a complete RF module with an integral reference oscillator.

External connections are provided for power, data communication, and antenna.

The following numbered items correspond to similarly numbered paragraphs in DA00-1407. Each item is a response to the requirements of that document.

1) The module has integral RF shielding to isolate it from surrounding equipment and the larger environment in general.

2) All inputs are processed as data by the on-board microcontroller. The outside user has no direct control of transmit modulation.

3) There are two hardware voltage regulators on board. The power amplifier voltage is hard-limited to 3.6V by an internal company requirement and is documented. The module will not be offered for sale to external parties.

4) A reverse gender SMA style connector is employed to prevent the use of antennas other than the type specified. This is in accordance with Part 15.203.

5) The module was tested in a stand-alone configuration and found to be compliant with Part 15 regulations.

6) An FCC ID label is affixed to each unit at the time of manufacture. Information is also clearly presented in the user guide about labeling requirements for the final assembly.

7) This unit is compliant with Part 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.

8) The unit is compliant with the RF exposure requirements of Parts 15.247, 15.1091, and 15.1093.

Sincerely,

Oron Brokman
Senior Design Engineer
Heat Timer Corporation