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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