TRANE

Trane Commercial Systems   *3600 Pammel Creek Road*
La Crosse, WI 54601 7599
Phone 608 787 2000

11/01/2005

Re: Modular Transmitter Approval
FCC ID:TPF-13651127

Gentlemen,

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

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

External connections are provided for power and data communication.

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 is a 1.8V voltage regulator that powers the radio circuits other than the power amplifier. The microcontroller monitors the amplifier power supply voltage on a continuous basis. Should the supply voltage be found to be greater than the specified maximum of 3.6 volts the unit will refuse to transmit. The minimum operating voltage is declared as 2.4 volts.

4) An integral PCB – trace antenna is used with this module. 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.

Further information may be obtained from Trane, a Division of American Standard

Sincerely,

Marlon Nelson,
Hardware Engineer

An American-Standard Company