



INTERSENSE

INTERSENSE INCORPORATED
4 FEDERAL ST.
BILLERICA, MA
01821 USA

DATE: October 6, 2011

T 781 541 6330

F 781 541 6329

Re: Modular Transmitter Approval
FCC ID: TK5-900MOD
IC: 6414A-900MOD

www.intersense.com

To Whom it May Concern:

The following information is being provided per the requirements of 15.212 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 15.212. 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 3.3V voltage regulator that powers and protects the voltage into the radio circuits.
4. A Johanson Technology Ceramic Chip Antenna, part number 0915AT43A0026 and a Taoglas PCB Strip Antenna, part number PC91.07.0100A.db with a UFL connector 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 and 2.1093.

Further information may be obtained from InterSense Incorporated

Sincerely,

Daniel J Holmes
Vice President of Engineering
InterSense Incorporated