

Pentair Water
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May 12, 2010

To Whom It May Concern:

Re: Modular Transmitter Approval

FCC ID: YIT-RFD1

IC: 9052A-RFD1

Gentlemen,

The following information is being provided per the requirements of 15.212 regarding modular approval of Part 15 devices. For Canada, per the requirements of RSS-GEN 7.1.1 (2007).

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

External connections are provided for power and data communication.

Pentair is applying for a Limited Modular Approval (LMA) as result Pentair will maintain control of the module in all future products and as a result will not market this module to OEM's.

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 been tested and has shown the ability to operate without any external shielding .
- 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 2.5V voltage regulator on board that powers the radio transceiver. The power amplifier supply is monitored by the microcontroller and transmission is disabled if the source voltage is greater than 3.3V.
- 4) An integral Permanent Mounted Antenna is included 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.

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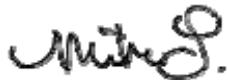
- 7) This unit is compliant with Part 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.
- 8) The unit is compliant with the RF exposure requirements of Parts 15.247 and 2.1091.

Further information may be obtained from ***Pentair Residential Filtration LLC***.

Sincerely,

Thank you.

Regards,



Michael Lindfors
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