



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,

A handwritten signature in black ink, appearing to read "Mike S.", with a stylized flourish at the end.

Michael Lindfors
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