

Re: Modular Transmitter Approval
FCC ID: A5UXPSG
IC: 10248A-XPSG

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, antenna, 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 an AC to DC Switch Mode Power Supply (SMPS) on board that powers the radio transceiver. The SMPS regulates the nominal 3.3V to +/-5% under all rated line, load and temperature conditions.
- 4) The two switched-diversity antennas are external to the modular radio.
- 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 2.1091.

Further information may be obtained from Whirlpool Corporation.

Sincerely,



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