

# Whisper

November 16, 1998

Federal Communications Commission  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia, MD 21046

Re: Low Power Gas RMI NVCRMI0003

To whom it may concern,

This letter describes the difference between Medium Power Gas RMI and Low Power Gas RMI products designs. The main difference is the RF power amplifier circuitry. A MMIC driver amplifier and a transistor power amplifier have replaced a custom IC power amplifier in order to produce a nominal conducted output power of +20 dBm (+/-2dBm) at 50-Ohm impedance at the antenna terminal. The digital circuitry and software protocol remains the same. The Low Power Gas RMI product, with a nominal conducted output power of +10 dBm (+/-2dBm) at 50-Ohm impedance at the antenna terminal, will also remain in production with a RF circuit design that is essentially similar to that of the Medium Power Gas RMI.

This is a safety warning for the Medium Power Gas RMI product, which we will add to the installer's manual.

Warning! It is the responsibility of the installer of this Medium Power Gas RMI, as well as the user of this product, that this product be placed at least 3.7 cm (1.5 inches) from any person. This is necessary to insure the product is operated in accordance with the RF Guidelines for Human exposure which have been adopted by the Federal Communications Commission.

Sincerely,



Han Vo

Senior RF Engineer