



September 27, 2004

RE: Class II Permissive change of product FCC ID# IE3VP43XX03.

To Whom It May Concern:

The intent of this document is to provide description as to why we are requesting a permissive change and to identify what was and was not changed in this product.

Why: Changes were made to the layout of the transmitter in order to correct a feedback problem. This problem would occur when the device was held in ones right hand. The feedback caused a corruption of the output spectrum resulting in an inability of the receiver discriminate between the FSK tones, thus causing intermittent functionality.

What was changed: It was determined that the cause of the feedback was a result of poor PCB layout in the RF circuitry. The RF circuitry layout was modified for improved ground plane areas and shorter trace lengths. The non-layout change was limited to the power control circuit for the power amp stage. Previously the PA was activated by controlling the ground connection to the device. This was changed so that ground is always connected and VCC is now switched.

What was not changed: None of the RF IC's or frequency control devices were changed. This includes the Crystal frequency, PLL circuitry, loop filter, any aspects of the frequency stabilization or control, data rate, or max output power.

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