



driven to excel
Directed
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AMERICA'S
LARGEST
AUTO
SECURITY
COMPANY

Wednesday, March 02, 2005

Chief, Equipment Approval Services
Federal Communications Commission
P.O. Box 358315
Pittsburgh, PA 15251-5315

Re: Explanation of the permissible change for EZSDEI474P grant design.

The change consists of a circuit modification for the purpose of cost reduction by reducing the design component count.

The initial approved circuit was based around a balanced, 2 transistor RF amplifier circuit. The change consists of re-designing the amplifier circuit using only one transistor. The frequency determining circuitry has not been modified. The dominant frequency control device is component XTAL which is a SAW (surface Acoustic Wave) resonator (Also referred to as a crystal) and this component does not change or get modified. This modification will not impact the frequency control, centering or accuracy of this design under any circumstance.

All other parameters of the design remain the same as the original FCC approved version. The impact to the design RF performance is minimal and it satisfies all part 15.231 emissions requirements and limits.

Sincerely,

Minas Minassian
RF Engineer