

**SOUTHWEST  
MICROWAVE**

**SOUTHWEST MICROWAVE, INC.**

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FEDERAL COMMUNICATIONS COMMISSION  
Experimental Radio Services  
Post Office Box 358320  
Pittsburgh, PA 15251-5320

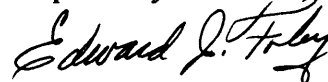
Dear Sirs,

Southwest Microwave hereby makes application for a **Modification of Authorization** of an experimental license which was previously granted under file number 4380-EX-RR-1998 with call sign KK2XFK. The primary reason for this submittal is threefold: a.) The previous license has expired b.) Southwest Microwave has moved to a new location and c.) Development of a new product requires an additional frequency band.

Southwest Microwave has been manufacturing microwave security and video transmission systems for approximately 20 years and has become a respected leader in these fields providing systems for government, nuclear and prison customers. Most of the equipment manufactured at this facility is certified under parts 15 and 94 of the FCC Rules. Since the manufacture of these products requires on - going development and experimentation at this facility, emissions are normally present during the normal working day and, oftentimes, for extended periods of time at our outdoor test range located behind the facility. In addition, precompliance tests are conducted periodically to insure that the products meet the requirements of various regulatory bodies.

Southwest Microwave carefully monitors its manufacturing and development techniques to insure that harmful emissions are avoided, internal tests for microwave links are conducted using enclosed waveguide test stations, and equipment burn-in is restricted to a shielded chamber. The outdoor test area is situated so that the placement of microwave transmitters is directed toward a large building that greatly attenuates the line of sight signal. In all cases, antennas are mounted no more than 1.5 meters above the ground.

Respectfully submitted,



Edward J. Foley.  
Vice President,  
Engineering