



SOUTHWEST MICROWAVE, INC.

2922 S. Roosevelt Street
Tempe, Arizona 85282-2042
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Telephone (602) 968-5995

February 15, 1994

FEDERAL COMMUNICATIONS COMMISSION
Experimental Radio Service
P. O. Box 358320
Pittsburgh, PA 15251-5320

Dear Sirs:

Southwest Microwave, Inc. hereby makes an application for an experimental radio license for its manufacturing and product development facility located at 2922 South Roosevelt Street, Tempe, Arizona. The request for this license is to allow continued experimentation and development of new commercial products related to the radio frequency spectrum. Although most of the product design and testing will be conducted within the facility, under certain circumstances it will be necessary to conduct testing in the surrounding locale such to provide data on system performance. It is estimated that all outside testing will be accomplished in a sparsely populated area away from the city center. The products which are under development or are being manufactured are microwave security devices licensed under Part 15 of the Commission Rules and Regulations, sensors primarily operating at 10.525 and 24.125 GHz. In addition, the company also maintains a communications division which manufactures and develops microwave radios for video and data transmission in the Part 21 and 94 sections of the Rules and Regulations. These bands include the frequency range of 21.2 to 23.6 GHz.

The subject facility employs approximately 90 employees and a staff of ten fully degreed engineers. All testing will be performed in compliance with the Rules and Regulations of the commission. Prior to market introduction, all new products are submitted to the F.C.C. for approval.

Sincerely yours,

A handwritten signature in black ink, reading "Edward J. Foley". The signature is written in a cursive, flowing style.

Edward J. Foley
Vice President Engineering

Enclosure: F.C.C. Form 442
& Attachments