

The Applicant, licensee of experimental station WA2XOK, seeks an additional experimental license to enable it to develop, test, and demonstrate fixed and mobile radio equipment at various locations in the United States.

Area of Operations: Entire Continental United States

Frequencies:

30-50 MHz
150-174 MHz
220-222 MHz
421-430 MHz
450-512 MHz
806-821, and 851-866 MHz
896-901, and 935-940 MHz

Power: 100 watts ERP max

Station Class: FX and MO

Maximum Antenna Hght: 5 meters

Emissions Designators: 20K0F3E, 20K0F1D, 20K0F2D, 16K0F3E, 16K0F1D, 16K0F2D
And other emissions designators that are permitted in the FCC's rules, such as narrowband emissions designators employed in the frequency bands below 512 MHz.

Datron manufactures and provides cost-effective tactical communications products to developing and established military and government agencies in international markets. From facilities in Simi Valley and Escondido, California, Datron supplies remote sensing satellite earth stations, satellite communication systems, and HF and VHF radios to worldwide markets. The Company's newest products are a family of mobile satellite television reception systems for recreational vehicles, long-haul trucks, buses and boats. Datron was the first (and still the only) company to bring live satellite TV to passengers on a commercial airline, and is now selling similar systems for large business jets. These consumer products are outgrowths of the satellite communications technology Datron developed for its military and commercial businesses.

Datron is an existing FCC experimental licensee, as well as a holder of existing FCC equipment approvals. Approximately 80% of Datron's sales are for the export market. Datron is also developing communications equipment for use by the U.S. military. The FCC may learn more about Datron at its internet website: www.dtwc.com.

Datron will likely employ its own FCC-approved and/or experimental communications equipment, as well as “off-the-shelf” communications equipment in its operations under the proposed experimental license.