

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

KC2XAZ
(Call Sign)

XD MO
(Class of Station)

0005-EX-AL-2000
(File Number)

NAME Microwave Data Systems Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.202(a) of the Commission's Rules

Station Locations

(1) MOBILE: Within Continental U.S. including Alaska and Hawaii

Frequency Information

MOBILE: Within Continental U.S. including Alaska and Hawaii

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
928.0125-928.8375 MHz	MO	25K0F1D	50 W (ERP)	
928.0125-928.8375 MHz	MO	16K0F2D	50 W (ERP)	
928.0125-928.8375 MHz	MO	20K0F3D	50 W (ERP)	
928.0125-928.8375 MHz	MO	12K5F1D	50 W (ERP)	
928.0125-928.8375 MHz	MO	11K0F2D	50 W (ERP)	
928.0125-928.8375 MHz	MO	12K5F3D	50 W (ERP)	
928.8625-928.9875 MHz	MO	12K5F3D	50 W (ERP)	
928.8625-928.9875 MHz	MO	25K0F1D	50 W (ERP)	
928.8625-928.9875 MHz	MO	16K0F2D	50 W (ERP)	
928.8625-928.9875 MHz	MO	20K0F3D	50 W (ERP)	
928.8625-928.9875 MHz	MO	12K5F1D	50 W (ERP)	
928.8625-928.9875 MHz	MO	11K0F2D	50 W (ERP)	
952.0125-952.8375 MHz	MO	25K0F1D	50 W (ERP)	
952.0125-952.8375 MHz	MO	16K0F2D	50 W (ERP)	
952.0125-952.8375 MHz	MO	20K0F3D	50 W (ERP)	
952.0125-952.8375 MHz	MO	12K5F1D	50 W (ERP)	

This authorization effective July 03, 2000 and
will expire 3:00 A.M. EST December 01, 2000

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within Continental U.S. including Alaska and Hawaii

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
952.0125-952.8375 MHz	MO	11K0F2D	50 W (ERP)	
952.0125-952.8375 MHz	MO	12K5F3D	50 W (ERP)	
959.8625-959.9875 MHz	MO	25K0F1D	50 W (ERP)	
959.8625-959.9875 MHz	MO	16K0F2D	50 W (ERP)	
959.8625-959.9875 MHz	MO	20K0F3D	50 W (ERP)	
959.8625-959.9875 MHz	MO	12K5F1D	50 W (ERP)	
959.8625-959.9875 MHz	MO	11K0F2D	50 W (ERP)	
959.8625-959.9875 MHz	MO	12K5F3D	50 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.152 of the Commission's Rules are waived.