

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

EXPERIMENTAL

(Nature of Service)

WA2XSD

(Call Sign)

XD      FX

(Class of Station)

0006-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(i) of the Commission's Rules

Station Locations

(1) US

Frequency Information

US

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 464.5 MHz  | FX            | 11K2F1D             | 50 W (ERP)       |                           |
| 464.55 MHz | FX            | 11K2F1D             | 50 W (ERP)       |                           |
| 469.5 MHz  | FX            | 11K2F1D             | 50 W (ERP)       |                           |
| 469.55 MHz | FX            | 11K2F1D             | 50 W (ERP)       |                           |

Special Conditions:

- (1) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."

This authorization effective June 30, 2000 and  
will expire 3:00 A.M. EST July 01, 2000

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COMMUNICATIONS  
COMMISSION**

