

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

EXPERIMENTAL
(Nature of Service)

XD FX MO
(Class of Station)

WA2XOR
(Call Sign)

0264-EX-RR-1999
(File Number)

NAME RAYTHEON TI 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; MOBILE: NATIONWIDE

Frequency Information

US; MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
806-849 MHz	MO	XXX	25 W (ERP)	
851-894 MHz	MO	XXX	25 W (ERP)	
896-901 MHz	MO	XXX	25 W (ERP)	
901-902 MHz	MO	XXX	7 W (ERP)	
1850-1910 MHz	FX	XXX	1000 W (ERP)	
1850-1910 MHz	MO	XXX	1.22 W (ERP)	
1930-1990 MHz	FX	XXX	1000 W (ERP)	
1930-1990 MHz	MO	XXX	1.22 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.
- (3) Licensee is authorized to use various emissions and bandwidths during the experiment.
- (4) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (5) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.

This authorization effective NOV 01, 1999 and
will expire 3:00 A.M. EST NOV 01, 2004

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COMMISSION



Special Conditions:

- (6) Operation in the commercial radio service band(s) requires prior frequency coordination and/or consent of licensee(s) to avoid interference.