

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

EXPERIMENTAL

(Nature of Service)

WB2XIN

(Call Sign)

XE FX MO

(Class of Station)

0133-EX-RR-2006

(File Number)

NAME Motorola, 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. 5.3(b) of the Commission's Rules

Station Locations

- (1) Schaumburg, IL - NL 42-03-48; WL 88-02-48; MOBILE:within 40 km
- (2) Arlington Heights, IL - NL 42-08-13; WL 88-00-03; MOBILE:within 40 km

Frequency Information

Schaumburg, IL - NL 42-03-48; WL 88-02-48; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0W7W	1000 W (ERP)	
3650-3700 MHz	FX	10K0N0N	500 W (ERP)	
3650-3700 MHz	MO	10K0N0N	500 W (ERP)	
3650-3700 MHz	MO	20M0W7W	1000 W (ERP)	

This authorization effective June 01, 2006 and
will expire 3:00 A.M. EST June 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Arlington Heights, IL - NL 42-08-13; WL 88-00-03; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0W7W	1000 W (ERP)	
3650-3700 MHz	FX	10K0N0N	500 W (ERP)	
3650-3700 MHz	MO	10K0N0N	500 W (ERP)	
3650-3700 MHz	MO	20M0N0N	1000 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 5.115 of the Commission's Rules are waived.
- (3) 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.