

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

EXPERIMENTAL

(Nature of Service)

WD2XGD

(Call Sign)

XD FX MO

(Class of Station)

0184-EX-RR-2007

(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(f, g, i) of the Commission's Rules

Station Locations

- (1) ARLINGTON HEIGHTS (COOK), IL - NL 42-08-20; WL 87-59-40; MOBILE: Arlington Heights (COOK), IL, within 10 km, centered around NL 42-08-20; WL 87-59-40
- (2) LIBERTYVILLE (LAKE), IL - NL 42-17-22; WL 87-59-57; MOBILE: Libertyville (LAKE), IL, at temporary fixed locations, within 20 km, centered around NL 42-17-22; WL 87-59-57

Frequency Information

ARLINGTON HEIGHTS (COOK), IL - NL 42-08-20; WL 87-59-40; MOBILE: Arlington Heights (COOK), IL, within 10 km, centered around NL 42-08-20; WL 87-59-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	244KW7W 244KF9W	4 W (ERP)	
1805-1850 MHz	FX	244KW7W 244KF9W	100 W (ERP)	

This authorization effective January 01, 2008 and
will expire 3:00 A.M. EST January 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

LIBERTYVILLE (LAKE), IL - NL 42-17-22; WL 87-59-57; MOBILE: Libertyville (LAKE), IL, at temporary fixed locations, within

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	FX	5M00W7W 5M00F9W	10 W (ERP)	
1710-1755 MHz	MO	5M00W7W 5M00F9W	2 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) Operation in the 1710-1755 MHz band is subject to prior coordination with affected existing and future Advanced Wireless Service (AWS-1) licensees.