

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WD2XPO

(Call Sign)

0061-EX-PL-2005

(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) MOBILE: McLean (FAIRFAX), VA, base stations located at temporarily fixed locations, within 50 km, centered around NL 38-55-51; WL 77-12-52
- (2) McLean (FAIRFAX), VA - NL 38-55-51; WL 77-12-52
- (3) MOBILE: McLean (FAIRFAX), VA, mobiles, within 65 km, centered around NL 38-55-51; WL 77-12-52
- (4) MOBILE: McLean (FAIRFAX), VA, mobiles, west of 77-12-30 WL, within 15 km, centered around NL 38-55-51; WL 77-12-52

Frequency Information

MOBILE: McLean (FAIRFAX), VA, base stations located at temporarily fixed locations, within 50 km, centered around NL 38-55-51; WL 77-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.8-157.0375 MHz	MO	11K0F3E 8K10F1E 10K0F1D 16K0F3E 16K0F1D 20K0F1E	225 W (ERP)	
157.1875-162.0125 MHz	MO	11K0F3E	225 W (ERP)	

This authorization effective April 25, 2005 and
will expire 3:00 A.M. EST May 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: McLean (FAIRFAX), VA, base stations located at temporarily fixed locations, within 50 km, centered around NL 38-55-51; WL 77-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.1875-162.0125 MHz	MO	8K10F1E 10K0F1D 16K0F3E 16K0F1D 20K0F1E	225 W (ERP)	
4940-4990 MHz	MO	20M0D7W	5 W (ERP)	

McLean (FAIRFAX), VA - NL 38-55-51; WL 77-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765-769 MHz	FX	150KD9W 10K0F1D 14K0F1D 16K8F1E 8K10F1E 11K0F3E 20K0F1E 16K0F1D 16K0F3E 14K0F3E	150 W (ERP)	

MOBILE: McLean (FAIRFAX), VA, mobiles, within 65 km, centered around NL 38-55-51; WL 77-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.8-157.0375 MHz	MO	10K0F1D 8K10F1E	225 W (ERP)	

Frequency Information

MOBILE: McLean (FAIRFAX), VA, mobiles, within 65 km, centered around NL 38-55-51; WL 77-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.8-157.0375 MHz	MO	11K0F3E 20K0F1E 16K0F1D 16K0F3E	225 W (ERP)	
157.1875-162.0125 MHz	MO	11K0F3E 8K10F1E 10K0F1D 16K0F3E 16K0F1D 20K0F1E	225 W (ERP)	
4940-4990 MHz	MO	20M0D7W	5 W (ERP)	

MOBILE: McLean (FAIRFAX), VA, mobiles, west of 77-12-30 WL, within 15 km, centered around NL 38-55-51; WL 77-12-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765-769 MHz	MO	11K0F3E 8K10F1E 16K8F1E 14K0F3E 14K0F1D 10K0F1D 150KD9W 16K0F3E 16K0F1D 20K0F1E	100 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) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (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."
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.