

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

EXPERIMENTAL

(Nature of Service)

WF2XWB

(Call Sign)

XD FX MO

(Class of Station)

0337-EX-PL-2011

(File Number)

NAME Motorola Solutions, 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(i) of the Commission's Rules

Station Locations

- (1) Schaumburg, IL - NL 42-02-39; WL 88-02-36
- (2) MOBILE: Within 500 feet (0.16 km) of Fixed Base Station., within 25 km, centered around NL 42-02-39; WL 88-02-36
- (3) Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 25 km, centered around NL 42-06-11; WL 88-01-24
- (4) Rolling Meadows, IL - NL 42-05-09; WL 88-02-42; MOBILE: Rolling Meadows, IL, within 25 km, centered around NL 42-05-09; WL 88-02-42

Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D	125 W (ERP)	
		5M00W7W		
		5M00D7D		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		

This authorization effective August 29, 2011 and
will expire 3:00 A.M. EST September 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0D7D	125 W (ERP)	
788-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	

MOBILE: Within 500 feet (0.16 km) of Fixed Base Station., within 25 km, centered around NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W	2.5 W (ERP)	

Frequency Information

MOBILE: Within 500 feet (0.16 km) of Fixed Base Station., within 25 km, centered around NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0G2D 10M0D7D	2.5 W (ERP)	

Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 25 km, centered around NL 42-06-11; WL 88-01-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
758-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
788-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	

Frequency Information

Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 25 km, centered around NL 42-06-11; WL 88-01-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	

Rolling Meadows, IL - NL 42-05-09; WL 88-02-42; MOBILE: Rolling Meadows, IL, within 25 km, centered around NL 42-05-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
758-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D	2.5 W (ERP)	

Frequency Information

Rolling Meadows, IL - NL 42-05-09; WL 88-02-42; MOBILE: Rolling Meadows, IL, within 25 km, centered around NL 42-05-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
788-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.

Special Conditions:

- (4) Operations must be prior coordinated with affected existing and new Part 27, Part 74 and Part 90 licensees to avoid interference.