

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WF2XUY

(Call Sign)

0292-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) Bloomfield, MO - NL 36-54-56; WL 89-53-30; MOBILE: Bloomfield, MO, within 40 km, centered around NL 36-54-56; WL 89-53-30
- (2) Farrar, MO - NL 37-42-10; WL 89-41-49; MOBILE: Farrar, MO, within 40 km, centered around NL 37-42-10; WL 89-41-49
- (3) Scott, MO - NL 37-06-02; WL 89-35-02; MOBILE: Scott, MO, within 40 km, centered around NL 37-06-02; WL 89-35-02
- (4) High Ridge, MO - NL 38-28-01; WL 90-31-22; MOBILE: High Ridge, MO, within 40 km, centered around NL 38-28-01; WL 90-31-22
- (5) Lawrenceton, MO - NL 37-55-44; WL 90-18-24; MOBILE: Lawrenceton, MO, within 40 km, centered around NL 37-55-44; WL 90-18-24

Frequency Information

Bloomfield, MO - NL 36-54-56; WL 89-53-30; MOBILE: Bloomfield, MO, within 40 km, centered around NL 36-54-56; WL 89-53-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.03-152.81 MHz	FX	11K2F1D 11K2F3E 8K10F7W	250 W (ERP)	
157.77-158.67 MHz	MO	11K2K1D	45 W (ERP)	

This authorization effective August 29, 2011 and
will expire 3:00 A.M. EST September 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bloomfield, MO - NL 36-54-56; WL 89-53-30; MOBILE: Bloomfield, MO, within 40 km, centered around NL 36-54-56; WL 89-53-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.77-158.67 MHz	MO	11K2F3E 8K10F7W	45 W (ERP)	

Farrar, MO - NL 37-42-10; WL 89-41-49; MOBILE: Farrar, MO, within 40 km, centered around NL 37-42-10; WL 89-41-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.03-152.81 MHz	FX	11K2F1D 11K2F3E 8K10F7W	250 W (ERP)	

157.77-158.67 MHz	MO	11K2F1D 11K2F3E 8K10F7W	45 W (ERP)	
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Scott, MO - NL 37-06-02; WL 89-35-02; MOBILE: Scott, MO, within 40 km, centered around NL 37-06-02; WL 89-35-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.03-152.81 MHz	FX	11K2F1D 11K2F3E 8K10F7W	250 W (ERP)	
157.77-158.67 MHz	MO	11K2F1D 11K2F3E 8K10F7W	45 W (ERP)	

Frequency Information

High Ridge, MO - NL 38-28-01; WL 90-31-22; MOBILE: High Ridge, MO, within 40 km, centered around NL 38-28-01; WL 90

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.03-152.81 MHz	FX	11K2F1D 11K2F3E 8K10F7W	250 W (ERP)	
157.77-158.67 MHz	MO	11K2F1D 11K2F3E 8K10F7W	45 W (ERP)	

Lawrenceton, MO - NL 37-55-44; WL 90-18-24; MOBILE: Lawrenceton, MO, within 40 km, centered around NL 37-55-44; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.03-152.81 MHz	FX	11K2F1D 11K2F3E 8K10F7W	250 W (ERP)	
157.77-158.67 MHz	MO	11K2F1D 11K2F3E 8K10F7W	45 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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 is subject to prior coordination with affected co-channel and adjacent channel licensees prior to commencing the tests or prior coordinate the use of the frequencies with a Part 90 certified frequency coordinator when/if those frequencies are used.
- (5) Operations is subject to prior coordination with the local SBE coordinator within 157.77 - 158.57 MHz to protect the Broadcast Auxiliary Service operations.