

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WE9XQI

(Call Sign)

XT FX MO

(Class of Station)

0585-EX-ST-2010

(File Number)

NAME Motorola, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To test, evaluate and demonstrate a prototype radio communications system designed to support the internal communications requirements of public safety entities.

Station Locations

- (1) Bloomfield, MO - NL 36-54-56; WL 89-53-30; MOBILE: Mobile operations will occur within 80 kilometers of the base station locations., within 40 km
- (2) Farrar, MO - NL 37-42-10; WL 89-41-49; MOBILE: Mobile operations will occur within 80 kilometers of the base station locations., within 40 km
- (3) Scott, MO - NL 37-06-02; WL 89-35-02; MOBILE: Mobile operations will occur within 80 kilometers of the base station locations., within 40 km
- (4) High Ridge, MO - NL 38-28-01; WL 90-31-22; MOBILE: Mobile operations will occur within 80 kilometers of the base station locations., within 40 km
- (5) Lawrenceton, MO - NL 37-55-44; WL 90-18-24; MOBILE: Mobile operations will occur within 80 kilometers of the base station locations., within 40 km

Frequency Information

Bloomfield, MO - NL 36-54-56; WL 89-53-30; MOBILE: Mobile operations will occur within 80 kilometers of the base station locations., within 40 km

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

This authorization effective January 16, 2011 and
will expire 3:00 A.M. EST July 17, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bloomfield, MO - NL 36-54-56; WL 89-53-30; MOBILE: Mobile operations will occur within 80 kilometers of the base station location

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

Farrar, MO - NL 37-42-10; WL 89-41-49; MOBILE: Mobile operations will occur within 80 kilometers of the base station location

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)	

Scott, MO - NL 37-06-02; WL 89-35-02; MOBILE: Mobile operations will occur within 80 kilometers of the base station location

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

Frequency Information

Scott, MO - NL 37-06-02; WL 89-35-02; MOBILE: Mobile operations will occur within 80 kilometers of the base station location.

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

High Ridge, MO - NL 38-28-01; WL 90-31-22; MOBILE: Mobile operations will occur within 80 kilometers of the base station location.

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: Mobile operations will occur within 80 kilometers of the base station location.

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	45 W (ERP)	

Frequency Information

Lawrenceton, MO - NL 37-55-44; WL 90-18-24; MOBILE: Mobile operations will occur within 80 kilometers of the base station

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