

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WD9XPO

(Call Sign)

0047-EX-ST-2009

(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 and demonstrate prototype devices designed to support the needs of the public safety.

Station Locations

- (1) Sterling (WHITESIDE), IL - NL 41-47-18; WL 89-32-04
- (2) MOBILE: Within 10 km of Fixed Base Station at Sterling (Whiteside), Illinois, within 10 km, centered around NL 41-47-18; WL 89-32-04
- (3) Sterling, IL - NL 41-47-18; WL 89-32-04
- (4) MOBILE: Temporarily Fixed within 10 km of coordinates for Sterling, IL, within 10 km, centered around NL 41-47-18; WL 89-32-04

Frequency Information

Sterling (WHITESIDE), IL - NL 41-47-18; WL 89-32-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
740-758 MHz	FX	10M0W7D	20 W (ERP)	

This authorization effective February 20, 2009 and
will expire 3:00 A.M. EST June 13, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within 10 km of Fixed Base Station at Sterling (Whiteside), Illinois, within 10 km, centered around NL 41-47-18; WL 89-32-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
770-788 MHz	MO	10M0W7D	500 mW (ERP)	

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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) 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.
- (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 in the upper and lower 700 MHz bands must be prior coordinated with existing and new Part 27 and Part 90 licensees to avoid interference.