

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WG9XZE

(Call Sign)

0848-EX-ST-2013

(File Number)

NAME Motorola Solutions, 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 demonstrate the functionality of prototype devices.

Station Locations

- (1) Philadelphia, PA - NL 39-57-14; WL 75-09-32
- (2) MOBILE: Within the vicinity of 1101 Arch Street, within 1 km, centered around NL 39-57-14; WL 75-09-32

Frequency Information

Philadelphia, PA - NL 39-57-14; WL 75-09-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D	50 W (ERP)	
		5M00W7W		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		

This authorization effective October 18, 2013 and
will expire 3:00 A.M. EST October 24, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Philadelphia, PA - NL 39-57-14; WL 75-09-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0D7D	50 W (ERP)	

MOBILE: Within the vicinity of 1101 Arch Street, within 1 km, centered around NL 39-57-14; WL 75-09-32

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

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation will be confined to the immediate vicinity of the Philadelphia Convention Center in Philadelphia, Pennsylvania. Equipment will include one temporary base station and associated antenna, and a small number of portable/mobile units all operating within 1 km of the base station.
- (4) Operation will occur no longer than the period between October 18 and October 23, 2013, allowing time during that period for setup and testing, demonstrations, and teardown
- (5) This Experimental STA is non-renewable. Any Experimental STA use of radio frequencies licensed to FirstNet beyond the period indicated on this application must be made by a separate request for such use.

Special Conditions:

- (6) MSI has stated that this temporary operation will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. The equipment used will include a base station and associated antenna located at the demonstration site and a small number of portable/mobile units in demonstration scenarios only.
- (7) MSI understands that the requested experimental authority only permits shared use of radio frequencies and they may have to coordinate with other conference attendees using radio frequencies. It is possible that FirstNet may issue similar concurrences to other applicants attending the conference.