

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WF9XFE

(Call Sign)

1109-EX-ST-2015

(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 conduct demonstrations of prototype equipment to public safety personnel.

Station Locations

- (1) Chicago, IL - NL 41-51-07; WL 87-36-42
- (2) MOBILE: Within 0.15 km of Fixed Base Station, within 0.15 km, centered around NL 41-51-07; WL 87-36-42

Frequency Information

Chicago, IL - NL 41-51-07; WL 87-36-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D	1 W (ERP)	
		5M00W7W		
		5M00D7D		
		5M00G2D		
		5M00D7D		
		10M0G7D		
		10M0W7W		
		10M0G2D		

This authorization effective October 24, 2015 and
will expire 3:00 A.M. EST October 28, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Chicago, IL - NL 41-51-07; WL 87-36-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0D7D	1 W (ERP)	

MOBILE: Within 0.15 km of Fixed Base Station, within 0.15 km, centered around NL 41-51-07; WL 87-36-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	160 mW (ERP)	

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) Applicant project limited to proof of concept demonstrations and testing and will not involve live-duty operations to protect life, property, or safety.
- (3) Applicant must accept interference from any other user of Band 14 and all operations by Applicant will be on a secondary basis.
- (4) Applicant must verify that there is no current potential for interference with FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
- (5) POC is established and sent to FirstNet upon STA approval with "kill switch" authority; Applicant agrees to cease operations at request of FirstNet immediately upon receipt of request to kill switch POC until such time, as determined by FirstNet, that project may continue.
- (6) Applicant agrees that FirstNet has the right to monitor its operations.