

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WE9XRU

(Call Sign)

0023-EX-ST-2011

(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 test and demonstrate prototype broadband Long-Term Evolution (LTE) devices.

Station Locations

- (1) Schaumburg, IL - NL 42-02-39; WL 88-02-36
- (2) MOBILE: Within 500 feet (0.16 km) of Fixed Base Station., within 25 km, centered around NL 42-02-39; WL 88-02-36
- (3) Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 25 km, centered around NL 42-06-11; WL 88-01-24
- (4) Rolling Meadows, IL - NL 42-05-09; WL 88-02-42; MOBILE: Rolling Meadows, IL, within 25 km, centered around NL 42-05-09; WL 88-02-42

Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00D7D 5M00G2D 5M00D7D	125 W (ERP)	

This authorization effective February 15, 2011 and
will expire 3:00 A.M. EST August 15, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Schaumburg, IL - NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
788-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	

MOBILE: Within 500 feet (0.16 km) of Fixed Base Station., within 25 km, centered around NL 42-02-39; WL 88-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D	2.5 W (ERP)	

Frequency Information

MOBILE: Within 500 feet (0.16 km) of Fixed Base Station., within 25 km, centered around NL 42-02-39; WL 88-02-36

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

Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 25 km, centered around NL 42-06-11; WL 88-01-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
758-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
788-798 MHz	FX	5M00G7D	125 W (ERP)	

Frequency Information

Palatine, IL - NL 42-06-11; WL 88-01-24; MOBILE: Palatine, IL, within 25 km, centered around NL 42-06-11; WL 88-01-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	

Rolling Meadows, IL - NL 42-05-09; WL 88-02-42; MOBILE: Rolling Meadows, IL, within 25 km, centered around NL 42-05-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	

Frequency Information

Rolling Meadows, IL - NL 42-05-09; WL 88-02-42; MOBILE: Rolling Meadows, IL, within 25 km, centered around NL 42-05-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
788-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	125 W (ERP)	
788-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D 10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (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.

Special Conditions:

- (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.