

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WF9XKH

(Call Sign)

0675-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 conduct demonstrations of prototype equipment to public safety personnel.

Station Locations

- (1) McAllen, TX - NL 26-13-11; WL 98-14-15; MOBILE: Within 32 km of Fixed Base Station at McAllen, Texas., within 32 km
- (2) Hidalgo, TX - NL 26-06-19; WL 98-15-23; MOBILE: Within 32 km of Fixed Base Station at Hidalgo, Texas., within 32 km
- (3) Yuma, AZ - NL 32-42-48; WL 114-37-11; MOBILE: Within 32 km of Fixed Base Station at Yuma, AZ., within 32 km
- (4) San Luis, AZ - NL 32-30-09; WL 114-46-36; MOBILE: Within 32 km of Fixed Base Station at San Luis, AZ., within 32 km
- (5) Somerton, AZ - NL 32-35-45; WL 114-42-20; MOBILE: Within 32 km of Fixed Base Station at Somerton, AZ., within 32 km

Frequency Information

McAllen, TX - NL 26-13-11; WL 98-14-15; MOBILE: Within 32 km of Fixed Base Station at McAllen, Texas., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	FX	5M00G7D 5M00W7W	403 W (ERP)	

This authorization effective February 15, 2012 and
will expire 3:00 A.M. EST May 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

McAllen, TX - NL 26-13-11; WL 98-14-15; MOBILE: Within 32 km of Fixed Base Station at McAllen, Texas., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	FX	5M00G2D 5M00D7D	403 W (ERP)	
763-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	
793-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	403 W (ERP)	
793-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	

Hidalgo, TX - NL 26-06-19; WL 98-15-23; MOBILE: Within 32 km of Fixed Base Station at Hidalgo, Texas., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	403 W (ERP)	

Frequency Information

Hidalgo, TX - NL 26-06-19; WL 98-15-23; MOBILE: Within 32 km of Fixed Base Station at Hidalgo, Texas., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	
793-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	403 W (ERP)	
793-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	

Yuma, AZ - NL 32-42-48; WL 114-37-11; MOBILE: Within 32 km of Fixed Base Station at Yuma, AZ., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	432 W (ERP)	
763-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D	200 mW (ERP)	

Frequency Information

Yuma, AZ - NL 32-42-48; WL 114-37-11; MOBILE: Within 32 km of Fixed Base Station at Yuma, AZ., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	MO	5M00D7D	200 mW (ERP)	
793-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	432 W (ERP)	
793-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	

San Luis, AZ - NL 32-30-09; WL 114-46-36; MOBILE: Within 32 km of Fixed Base Station at San Luis, AZ., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	129 W (ERP)	
763-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	
793-798 MHz	FX	5M00G7D	129 W (ERP)	

Frequency Information

San Luis, AZ - NL 32-30-09; WL 114-46-36; MOBILE: Within 32 km of Fixed Base Station at San Luis, AZ., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
793-798 MHz	FX	5M00W7W 5M00G2D 5M00D7D	129 W (ERP)	
793-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	

Somerton, AZ - NL 32-35-45; WL 114-42-20; MOBILE: Within 32 km of Fixed Base Station at Somerton, AZ., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-768 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	432 W (ERP)	
763-768 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (ERP)	
793-798 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	432 W (ERP)	

Frequency Information

Somerton, AZ - NL 32-35-45; WL 114-42-20; MOBILE: Within 32 km of Fixed Base Station at Somerton, AZ., within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
793-798 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	200 mW (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) Operation in the 763-768 or 793-798 MHz band requires consent of the Public Safety Spectrum Trust Corporation (PSST) to avoid interference.
- (3) Operation in the 763-768 or 793-798 MHz band requires consent of 700 MHz waiver recipient(s), in areas where such waivers have been awarded, to avoid interference.
- (4) 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.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) Operation is subject to power flux density level of -120 dB(W/m²)/kHz at the Mexican border
- (7) All the experimental equipment and devices will be retrieved by Motorola Solutions, Inc. from the participants upon completion of the demonstrations.