

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

EXPERIMENTAL

(Nature of Service)

WK9XSH

(Call Sign)

XT FX MO

(Class of Station)

0791-EX-ST-2017

(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:

Motorola Solutions proposes to set up, operate, and evaluate the effects of various jamming systems upon narrowband P25 signals at the request of DHS in conjunction with first responder

Station Locations

- (1) Idaho Falls, ID - NL 43-32-02; WL 112-59-47; MOBILE: Idaho Falls, ID. Within 32 km of coordinates, within 32 km, centered around NL 43-32-02; WL 112-59-47

Frequency Information

Idaho Falls, ID - NL 43-32-02; WL 112-59-47; MOBILE: Idaho Falls, ID. Within 32 km of coordinates, within 32 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769.230625-769.231875 MHz	FX	8K10F1D 8K10F1E 8K10F1W 9K80D7W	186 W (ERP)	
769.230625-769.231875 MHz	MO	8K10F1D 8K10F1E	35 W (ERP)	

This authorization effective July 15, 2017 and
will expire 3:00 A.M. EST July 24, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Idaho Falls, ID - NL 43-32-02; WL 112-59-47; MOBILE: Idaho Falls, ID. Within 32 km of coordinates, within 32 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769.230625-769.231875 MHz	MO	8K10F1W	35 W (ERP)	
769.380625-769.381875 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
769.380625-769.381875 MHz	FX	8K10F1D 8K10F1E 8K10F1W 9K80D7W	186 W (ERP)	
769.730625-769.731875 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
769.730625-769.731875 MHz	FX	8K10F1D 8K10F1E 8K10F1W 9K80D7W	186 W (ERP)	
769.880625-769.881875 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
769.880625-769.881875 MHz	FX	8K10F1D 8K10F1E 8K10F1W	186 W (ERP)	

Frequency Information

Idaho Falls, ID - NL 43-32-02; WL 112-59-47; MOBILE: Idaho Falls, ID. Within 32 km of coordinates, within 32 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769.880625-769.881875 MHz	FX	9K80D7W	186 W (ERP)	
774.517625-774.519375 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
774.517625-774.519375 MHz	FX	8K10F1D 8K10F1E 8K10F1W 9K80D7W	186 W (ERP)	
774.868125-774.869375 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
774.868125-774.869375 MHz	FX	8K10F1D 8K10F1E 8K10F1W 9K80D7W	186 W (ERP)	
799.230625-799.231875 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
799.380625-799.381875 MHz	MO	8K10F1D 8K10F1E	35 W (ERP)	

Frequency Information

Idaho Falls, ID - NL 43-32-02; WL 112-59-47; MOBILE: Idaho Falls, ID. Within 32 km of coordinates, within 32 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
799.380625-799.381875 MHz	MO	8K10F1W	35 W (ERP)	
799.730625-799.731875 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
799.880625-799.881875 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
804.517625-804.519375 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	
804.868125-804.869375 MHz	MO	8K10F1D 8K10F1E 8K10F1W	35 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.