

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

EXPERIMENTAL

(Nature of Service)

WK9XSH

(Call Sign)

XT FX MO

(Class of Station)

0781-EX-ST-2018

(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 seeks to demonstrate prototype equipment and solutions to the DoE and obtain feedback so that it may enhance the efforts to design, develop and improve its equipment.

Station Locations

- (1) Albuquerque, NM - NL 35-03-22; WL 106-37-10; MOBILE: Albuquerque, NM.
Temporary fixed & mobile w/in .5 km of coordinates, within 0.5 km, centered around NL
35-03-22; WL 106-37-10

Frequency Information

Albuquerque, NM - NL 35-03-22; WL 106-37-10; MOBILE: Albuquerque, NM. Temporary fixed & mobile w/in .5 km of coordinate

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
720.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	0.65 W (ERP)	
723 MHz	FX	10M0D7D 10M0G2D	0.65 W (ERP)	

This authorization effective June 11, 2018 and
will expire 3:00 A.M. EST June 16, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Albuquerque, NM - NL 35-03-22; WL 106-37-10; MOBILE: Albuquerque, NM. Temporary fixed & mobile w/in .5 km of coordinat

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
723 MHz	FX	10M0G7D 10M0W7W	0.65 W (ERP)	
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	160 mW (ERP)	
768 MHz	FX	10M0D7D 10M0G2D 10M0G7D 10M0W7W	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) 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) Operation is subject to consent of the following within 50 miles of the contours of the testing area:
o 700 MHz Lower Band licensees (698-746 MHz)
- (4) Licensee must prior coordinate testing with other authorized Band 14 operations. Failure to effectively coordinate shall result in FirstNet seeking immediate suspension of the experimental license by the FCC.
- (5) Licensee must accept interference from others operating in the band and must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. AT&T testing or public safety entities authorized to operate on Band 14).
- (6) Licensee POC shall submit a "Stop Buzzer" contact to FirstNet at peter.tomczak@firstnet.gov upon authorization issuance with "kill switch" authority; license POC agrees to immediately cease operations on Band 14 if notified of any interference concerns until any issues are resolved.
- (7) Licensee agrees that this license may be subject to further review by the FCC and possible recoordination with FirstNet.