

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

EXPERIMENTAL

(Nature of Service)

WK9XZU

(Call Sign)

XT MO

(Class of Station)

0277-EX-ST-2017

(File Number)

NAME MITRE

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:

Several experiments will take place in two locations; Bedford, MA and Playas, NM.

Station Locations

- (1) MOBILE: Bedford, MA, within 1 km, centered around NL 42-30-19; WL 71-14-05
- (2) MOBILE: Playas, NM, within 1 km, centered around NL 31-55-05; WL 108-32-20

Frequency Information

MOBILE: Bedford, MA, within 1 km, centered around NL 42-30-19; WL 71-14-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-9400 MHz	FX	43M7P0N	2.2 kW (ERP)	

This authorization effective May 01, 2017 and
will expire 3:00 A.M. EST October 02, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Playas, NM, within 1 km, centered around NL 31-55-05; WL 108-32-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-9400 MHz	FX	43M7P0N	2.2 kW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (4) Licensee shall be aware that this authorization is for proof-of-concept and the NTIA concurrence to this experiment is not an endorsement of the use of 9300-9400 MHz for commercial development.
- (5) Prior to the start of operations, Mitre must contact the following personnel to provide POC of FAA entity which is sponsoring this project:
Rodney Murphy
Federal Aviation Administration
Spectrum Engineering and Policy
202-267-9501
- (6) MITRE must also coordinate their overall operations with the Playas Training and Research Center (PTRC) Operations at 575-517-0276. PTRC POC is Mr. Budge Jones.
- (7) At the Playas, New Mexico location NTIA concurs under the following condition: MITRE must coordinate their spectrum operations with the DoD Area Frequency Coordinator (DoD-AFC) - White Sands Missile Range (WSMR), at least 96 hours in advance, via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil . MITRE must include planned test dates and start/stop times, and must notify DoD-AFC (WSMR) of an cancellations.