

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

EXPERIMENTAL

(Nature of Service)

WK9XRQ

(Call Sign)

XT FX MO

(Class of Station)

1771-EX-ST-2016

(File Number)

NAME Applied Research Associates

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:

Testing connectivity between a fixed ground station (with a vertically-oriented antenna) and paratroopers leaving an aircraft at PTTF Marana, AZ. Activity has been precoordinates with DoD

Station Locations

- (1) MOBILE: Within 10km of coords from 0-3809m MSL, within 10 km, centered around NL 32-30-18; WL 111-20-06
- (2) Marana (PINAL), AZ - NL 32-30-18; WL 111-20-06

Frequency Information

MOBILE: Within 10km of coords from 0-3809m MSL, within 10 km, centered around NL 32-30-18; WL 111-20-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	25M0W7W	250 mW (ERP)	

This authorization effective January 06, 2017 and
will expire 3:00 A.M. EST February 18, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marana (PINAL), AZ - NL 32-30-18; WL 111-20-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
874-879 MHz	FX	5M00W7W	250 W (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.