

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ9XVS

(Call Sign)

0603-EX-ST-2016

(File Number)

NAME The MITRE Corporation

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:

The purpose of operation is to collect radio frequency data using prototype equipment to support several internal research activities in FY16.

Station Locations

- (1) Springfield (CLARK), OH - NL 39-50-00; WL 83-50-00
- (2) Playas (HIDALGO), NM - NL 31-59-02; WL 108-30-05

Frequency Information

Springfield (CLARK), OH - NL 39-50-00; WL 83-50-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5660-5720 MHz	FX	60M0Q1N	10800 W (ERP)	1.0E-7 %
5680-5740 MHz	FX	60M0Q1N	10800 W (ERP)	1.0E-7 %
5700-5760 MHz	FX	60M0Q1N	10800 W (ERP)	1.0E-7 %

This authorization effective June 01, 2016 and
will expire 3:00 A.M. EST November 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Springfield (CLARK), OH - NL 39-50-00; WL 83-50-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5720-5780 MHz	FX	60M0Q1N	10800 W (ERP)	1.0E-7 %

Playas (HIDALGO), NM - NL 31-59-02; WL 108-30-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5620-5680 MHz	FX	60M0Q1N 60M0Q1N	6910 W (ERP)	1.0E-7 %
5640-5700 MHz	FX	60M0Q1N 60M0Q1N	6910 W (ERP)	1.0E-7 %
5660-5720 MHz	FX	60M0Q1N	6910 W (ERP)	1.0E-7 %
5680-5740 MHz	FX	60M0Q1N	6910 W (ERP)	1.0E-7 %
5700-5760 MHz	FX	60M0Q1N	6910 W (ERP)	1.0E-7 %
5720-5780 MHz	FX	60M0Q1N	6910 W (ERP)	1.0E-7 %

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.

Special Conditions:

- (3) Operations at Playas, NM, must be coordinated with the Department of Defense Area Frequency Coordinator - White Sands Missile Range [DoD-AFC (WSMR)], at least 96 hours prior to operations, via e-mail to usarmy.wsmr.imcom-central.list.dodaafc@mail.mil. The user shall provide the dates/times of test, the location of the test, and a copy of the applicable FCC license.
- (4) Since this request is part of a larger Burlington Northern/Santa Fe (BNSF) Railroad initiative at Playas, AND since there is already a precedent in place for BNSF to schedule their spectrum operations with the DoD-AFC (WSMR), it is recommended that the on-site BNSF representative coordinate ALL spectrum requirements with DoD-AFC (WSMR), via the above e-mail address.
- (5) At the Springfield, OH location, MITRE must not utilize the bands 5620-5680 MHz and 5640-5700 MHz to protect FAA weather radar in the area.
- (6) 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.