

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

EXPERIMENTAL

(Nature of Service)

WK9XWH

(Call Sign)

XC FX MO

(Class of Station)

0145-EX-ST-2017

(File Number)

NAME MIT Lincoln Laboratory

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:

MIT Lincoln Laboratory develops Cyber-Electromagnetic capabilities for the Department of Defense.

Station Locations

- (1) Fallon (CHURCHILL), NV - NL 39-25-20; WL 118-42-06; MOBILE: Fallon AFB, within 250 km, centered around NL 39-25-20; WL 118-42-06

Frequency Information

Fallon (CHURCHILL), NV - NL 39-25-20; WL 118-42-06; MOBILE: Fallon AFB, within 250 km, centered around NL 39-25-20; '

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220-230 MHz	FX	40K0F7D 40K0F7D	30 W (ERP)	0.0001 %
220-230 MHz	MO	40K0F7D 40K0F7D	15 W (ERP)	0.0001 %

This authorization effective March 16, 2017 and
will expire 3:00 A.M. EST July 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) The emission bandwidth must not exceed 40 kHz.
- (3) MIT Lincoln Laboratory must avoid the following frequencies +/- 12.5 kHz to protect FFA operations in the area:
225.400 MHz, 226.675 MHz, 227.125 MHz, 229.4 MHz.