

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WS9XIM

(Call Sign)

1040-EX-ST-2021

(File Number)

NAME Raytheon Company

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:

DARPA OFFensive Swarm-Enabled Tactics (OFFSET) program envisions future small-unit infantry forces using swarms comprising upwards

Station Locations

- (1) Fort Campbell (MONTGOMERY), TN - NL 36-38-02; WL 87-33-06
- (2) MOBILE: Fort Campbell, TN, within 2 km, centered around NL 36-38-02; WL 87-33-06

Frequency Information

Fort Campbell (MONTGOMERY), TN - NL 36-38-02; WL 87-33-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2155-2160 MHz	FX	5M00W7W	63.1 W (ERP)	

This authorization effective October 21, 2021 and
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Campbell, TN, within 2 km, centered around NL 36-38-02; WL 87-33-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1760 MHz	MO	5M00W7W	0.4 W (ERP)	

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number N66001-17-C-4067. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) Stop buzzer POCs are:
Shane Clark
O: 617-873-3117
Brian Hassick
O: 617-873-4742
C: 857-998-9968
- (6) All the experimental equipment and devices must be retrieved by Raytheon Company from the participants upon completion of the testing.