

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WI2XOR

(Call Sign)

0466-EX-CR-2019

(File Number)

NAME Leidos

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Huntsville, AL, within 7 km, centered around NL 34-43-16; WL 86-40-30
- (2) MOBILE: Huntsville, AL, within 5 km, centered around NL 34-46-54; WL 86-34-10
- (3) MOBILE: DELLROSE, TN, within 5 km, centered around NL 35-06-07; WL 86-49-15
- (4) MOBILE: Harvest, AL. Private airfield for Manned/Unmanned Flights, within 2 km, centered around NL 34-51-53; WL 86-46-12

Frequency Information

MOBILE: Huntsville, AL, within 7 km, centered around NL 34-43-16; WL 86-40-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775-1795 MHz	MO	20M0G1D	2 W (ERP)	

MOBILE: Huntsville, AL, within 5 km, centered around NL 34-46-54; WL 86-34-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775-1795 MHz	MO	20M0G1D	2 W (ERP)	

This authorization effective November 01, 2019 and
will expire 3:00 A.M. EST February 23, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: DELLROSE, TN, within 5 km, centered around NL 35-06-07; WL 86-49-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775-1795 MHz	MO	20M0G1D	2 W (ERP)	

MOBILE: Harvest, AL. Private airfield for Manned/Unmanned Flights, within 2 km, centered around NL 34-51-53; WL 86-46-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775-1795 MHz	MO	20M0G1D	2 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 W909MY-12-D-0008. 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.