

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

EXPERIMENTAL

(Nature of Service)

WK2XLR

(Call Sign)

XE FX MO

(Class of Station)

0412-EX-CR-2021

(File Number)

NAME Leidos, Inc.

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) Orlando (ORANGE), FL - NL 28-34-47; WL 81-11-43
- (2) MOBILE: Mobile Operations Around Centerpoint Orlando FL, within 15 km, centered around NL 28-34-47; WL 81-11-43
- (3) Chuluota (SEMINOLE), FL - NL 28-39-51; WL 81-05-21
- (4) MOBILE: Mobile Operations Around Centerpoint Chuluota FL, within 15 km, centered around NL 28-39-51; WL 81-05-21

Frequency Information

Orlando (ORANGE), FL - NL 28-34-47; WL 81-11-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.2225 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	
164.3275 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	
164.4325 MHz	FX	7K60F1E	24.6 W (ERP)	

This authorization effective October 01, 2021 and
will expire 3:00 A.M. EST October 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Orlando (ORANGE), FL - NL 28-34-47; WL 81-11-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.4325 MHz	FX	7K60FXE	24.6 W (ERP)	
164.5375 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	

MOBILE: Mobile Operations Around Centerpoint Orlando FL, within 15 km, centered around NL 28-34-47; WL 81-11-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.2225 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	
164.3275 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	
164.4325 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	
164.5375 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	

Frequency Information

Chuluota (SEMINOLE), FL - NL 28-39-51; WL 81-05-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.2225 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	
164.3275 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	
164.4325 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	
164.5375 MHz	FX	7K60F1E 7K60FXE	24.6 W (ERP)	

MOBILE: Mobile Operations Around Centerpoint Chuluota FL, within 15 km, centered around NL 28-39-51; WL 81-05-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.2225 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	
164.3275 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	
164.4325 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	

Frequency Information

MOBILE: Mobile Operations Around Centerpoint Chuluota FL, within 15 km, centered around NL 28-39-51; WL 81-05-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.5375 MHz	MO	7K60F1E 7K60FXE	24.6 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.