

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

EXPERIMENTAL

(Nature of Service)

WJ2XUQ

(Call Sign)

XD FX MO

(Class of Station)

0787-EX-CN-2018

(File Number)

NAME Carnegie Technologies, LLC

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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: COLORADO, Statewide
- (2) IDAHO, ID; MOBILE: IDAHO, Statewide
- (3) PENNSYLVANIA, PA; MOBILE: PENNSYLVANIA, Statewide
- (4) MOBILE: TEXAS, Statewide

Frequency Information

MOBILE: COLORADO, Statewide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-81 GHz	MO	4G00F0N	223 mW (ERP)	

IDAHO, ID; MOBILE: IDAHO, Statewide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-81 GHz	MO	4G00F0N	223 mW (ERP)	

This authorization effective November 21, 2018 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

PENNSYLVANIA, PA; MOBILE: PENNSYLVANIA, Statewide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-81 GHz	MO	4G00F0N	223 mW (ERP)	

MOBILE: TEXAS, Statewide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-81 GHz	MO	4G00F0N	223 mW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Carnegie Technologies, LLC will be responsible for ensuring that the devices are used in authorized locations and in a manner authorized.
- (5) All of the experimental devices will be under control of Carnegie Technologies, LLC and they will be retrieved by Carnegie Technologies, LLC from the participants upon completion of the experiment.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application. 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.