

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

EXPERIMENTAL

(Nature of Service)

WQ2XKR

(Call Sign)

XD FX

(Class of Station)

0193-EX-CN-2026

(File Number)

NAME Aireon 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) McLean (FAIRFAX), VA - NL 38-55-29; WL 77-14-12

Frequency Information

McLean (FAIRFAX), VA - NL 38-55-29; WL 77-14-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.2-14.5 GHz	FX	1M00G7D	72.97 kW (ERP)	

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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Emissions shall not overlap the 14.0-14.2 GHz frequency range.
- (5) Aireon NOC-Shift Lead: Telephone +1-703-775-2795

This authorization effective May 28, 2026 and
will expire 3:00 A.M. EST June 01, 2028

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) Aieron LLC is authorized to perform ground testing using its 1.2 m Ku-band satellite antenna located at geographical coordinates 38° 55' 29" N, 77° 14' 12" W in McClean, VA to communicate with the geostationary orbit (GSO) Telstar 11N (Call Sign S2357) satellite using the 14.2-14.5 GHz frequency band (Earth-to-space).