

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

 EXPERIMENTAL

(Nature of Service)

 XD FX

(Class of Station)

 WQ2XOQ

(Call Sign)

 0580-EX-CN-2026

(File Number)

NAME _____ The MITRE Corporation

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 38-55-24; WL 77-12-21

Frequency Information

McLean (FAIRFAX), VA - NL 38-55-24; WL 77-12-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.127-14.132 GHz	FX	5M00G1D	79.61 kW (ERP)	0.001 %

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) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) The MITRE Corporation is authorized to perform testing using its Ku-band satellite earth station antenna located at geographical coordinates 38° 55' 24.0" N, 77° 12' 21.0" W in McLean, VA to communicate with the geostationary SES-1 (S2807) at the 14.127-14.132 GHz (Earth-to-space).

This authorization effective July 22, 2026 and
 will expire 3:00 A.M. ET August 01, 2028

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 COMMISSION**



Special Conditions:

- (5) Operation is subject to immediate cessation, if it causes harmful interference to NASA ground station, Blossom Point (MD)