

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

EXPERIMENTAL

(Nature of Service)

WG2XZS

(Call Sign)

XT FX MO

(Class of Station)

0787-EX-PL-2013

(File Number)

NAME ArduSat 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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Low Earth Orbit, 51.6 degree inclination, 400km altitude
- (2) San Francisco (SAN FRANCISCO), CA - NL 37-46-23; WL 122-24-28

Frequency Information

MOBILE: Low Earth Orbit, 51.6 degree inclination, 400km altitude

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437 MHz	MO	25K0F1D	2000 mW (ERP)	0.01 %

San Francisco (SAN FRANCISCO), CA - NL 37-46-23; WL 122-24-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

This authorization effective March 14, 2014 and
will expire 3:00 A.M. EST March 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) Point of communications: ArduSat 1, ArduSat X