

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WH2XCA

(Call Sign)

0014-EX-AL-2016

(File Number)

NAME Astro Digital, Incorporated

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: LEO SAT orbit, 610 km altitude, 97.8 deg incl.
- (2) MOBILE: LEO SAT orbit, 610 km altitude, 97.8 deg incl.
- (3) Moffett Field (SANTA CLARA), CA - NL 37-24-34; WL 122-03-12

Frequency Information

MOBILE: LEO SAT orbit, 610 km altitude, 97.8 deg incl.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.775-26.825 GHz	MO	25M0G1D	225 W (ERP)	0.0005 %

MOBILE: LEO SAT orbit, 610 km altitude, 97.8 deg incl.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400.155-400.195 MHz	MO	40K0G1D	3.25 W (ERP)	0.00025 %

This authorization effective July 29, 2016 and
will expire 3:00 A.M. EST May 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Moffett Field (SANTA CLARA), CA - NL 37-24-34; WL 122-03-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
402.6 MHz	FX	40K0G1D	12.1951 kW (ERP)	0.00025 %

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.