

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

EXPERIMENTAL
(Nature of Service)

WD2XSO
(Call Sign)

XC MO
(Class of Station)

0185-EX-PL-2005
(File Number)

NAME Space Exploration Technologies

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(b) of the Commission's Rules

Station Locations

(1) MOBILE: upper stage of SpaceX Falcon 1 Launch Vehicle, max. alt. 420 km

Frequency Information

MOBILE: upper stage of SpaceX Falcon 1 Launch Vehicle, max. alt. 420 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2450 MHz	MO	1M30F1D	6 mW (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.

This authorization effective June 22, 2005 and will expire 3:00 A.M. EST July 01, 2007

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COMMUNICATIONS
COMMISSION**

