

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WN9XKF

(Call Sign)

XT FX

(Class of Station)

1514-EX-ST-2018

(File Number)

NAME Space Exploration Technologies Corp. (SpaceX)

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Pre-launch checkout of TTC links for commercial payload mission, including operation of the fairing re-rad system, prior to flight.

Station Locations

- (1) Kennedy Space Center (BREVARD), FL - NL 28-32-37; WL 80-35-24
- (2) Kennedy Space Center (BREVARD), FL - NL 28-32-37; WL 80-35-24

Frequency Information

Kennedy Space Center (BREVARD), FL - NL 28-32-37; WL 80-35-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10706 MHz	FX	1M10G1D	462 mW (ERP)	
11205 MHz	FX	1M10G1D	462 mW (ERP)	

This authorization effective October 23, 2018 and will expire 3:00 A.M. EST April 24, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Kennedy Space Center (BREVARD), FL - NL 28-32-37; WL 80-35-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12756 MHz	FX	800KF1D	305.5 kW (ERP)	
13244 MHz	FX	800KF1D	305.5 kW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (7) The stop buzzer contact for this project is Christopher Wilkins, Phone: 2026492729 Email: cwilkins@spacex.com
- (8) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (9) Prior to operation, licensee must successfully coordinate with the local Society of Broadcast Engineers frequency coordinator and the existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (10) All Space Exploration Technologies Corp. operations granted on an experimental basis shall be on an unprotected, non-interference basis.
- (11) Prior to transmitting Kennedy Space Center, Florida, Space Exploration Technologies Corp. shall coordinate and schedule their operations with Range Scheduling Office, 321-853-5941, email: 1ropschd@us.af.mil