

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

EXPERIMENTAL

(Nature of Service)

WJ9XHP

(Call Sign)

XT FX MO

(Class of Station)

0880-EX-ST-2016

(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) Cape Canaveral AFS, FL - NL 28-32-35; WL 80-35-27; MOBILE: In the PPF on Titan III Rd and at Complex 40, within 4 km

Frequency Information

Cape Canaveral AFS, FL - NL 28-32-35; WL 80-35-27; MOBILE: In the PPF on Titan III Rd and at Complex 40, within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12201.5 MHz	FX	1M20F2D	0.2 W (ERP)	
12203.5 MHz	FX	1M20F2D	0.2 W (ERP)	
13751 MHz	FX	1M00F2D	37154 W (ERP)	

This authorization effective July 11, 2016 and will expire 3:00 A.M. EST January 11, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Cape Canaveral AFS, FL - NL 28-32-35; WL 80-35-27; MOBILE: In the PPF on Titan III Rd and at Complex 40, within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13753 MHz	FX	1M00F2D	37154 W (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) 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.
- (3) All SpaceX operations granted on an experimental basis shall be on an unprotected, noninterference basis to authorized federal stations.
- (4) All operations shall be limited to ground pre-launch checkout of TTC links for commercial payload mission (F9-28 mission) including operation of the fairing re-rad system. No flight operations.
- (5) Sixty (60) days prior to transmitting at Cape Canaveral AFS, Florida, SpaceX shall coordinate and schedule their operations with Range Scheduling, COMM: (321)-853-5941, email: 1ropschd@us.af.mil.
- (6) For operations in the 12.201-12.204 GHz frequency band, the experimental station(s) transmitting antenna towards the horizon shall not exceed an EIRP density of 14 dBm per 24 MHz (-16 dBW/24 MHz) to ensure protection of direct-broadcast satellite (DBS) subscribers that may be nearby the experimental area of operation.