

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

EXPERIMENTAL

(Nature of Service)

WJ9XHP

(Call Sign)

XT FX MO

(Class of Station)

0152-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 (+/-)
12748.5 MHz	FX	300KG2D	0.12 W (ERP)	
12749.5 MHz	FX	300KG2D	0.12 W (ERP)	
13997 MHz	FX	800KF2D	555904 W (ERP)	

This authorization effective February 24, 2016 and will expire 3:00 A.M. EST August 24, 2016

**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 (+/-)
14499 MHz	FX	800KF2D	555904 W (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) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (4) Licensee should be aware of the importance of astronomical observations in the 14.47 to 14.5 GHz range. Footnote US 342 urges all practicable steps shall be taken to protect the radio astronomy service from harmful interference.