

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

EXPERIMENTAL

(Nature of Service)

WJ9XHP

(Call Sign)

XT    FX

(Class of Station)

1649-EX-ST-2017

(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 28-32-35; WL 80-35-27
- (2) Cape Canaveral AFS (BREVARD), FL - NL 28-32-35; WL 80-35-27

**Frequency Information**

Kennedy Space Center (BREVARD), FL - NL 28-32-35; WL 80-35-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7901 MHz	FX	1M50F2D	37.154 kW (ERP)	
8399 MHz	FX	1M50F2D	37.154 kW (ERP)	

This authorization effective January 15, 2017 and will expire 3:00 A.M. EST June 15, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Cape Canaveral AFS (BREVARD), FL - NL 28-32-35; WL 80-35-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7729.5 MHz	FX	300KG2D	42 mW (ERP)	
7748.5 MHz	FX	300KG2D	42 mW (ERP)	

## Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) Prior to transmitting at CCAFS, Florida, SpaceX shall coordinate and schedule their operations with Range Scheduling, COMM: (321- 853-5941, email: 1ropschd@us.af.mil).
- (3) SpaceX shall be aware that long lead time, extensive analyses and pre-coordination are required for any flight requests requiring access to the 7900-8400 MHz (uplink) and 7250-7750 MHz (downlink). SpaceX shall have no expectations that flight requests requiring access to these two bands will be approved.