

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

EXPERIMENTAL

(Nature of Service)

WJ9XHP

(Call Sign)

XT    FX

(Class of Station)

1748-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 28-33-43; WL 80-34-38
- (2) Cape Canaveral AFS (BREVARD), FL - NL 28-33-43; WL 80-34-38

**Frequency Information**

Kennedy Space Center (BREVARD), FL - NL 28-33-43; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13249 MHz	FX	1M20F2D	555.9 kW (ERP)	
13997.5 MHz	FX	1M20F2D	555.9 kW (ERP)	

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

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Cape Canaveral AFS (BREVARD), FL - NL 28-33-43; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10701 MHz	FX	1M00G2D	5 mW (ERP)	
11448 MHz	FX	1M00G2D	5 mW (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) Space Exploration Technologies Corp. (SpaceX) must coordinate all testing with DOD Eastern AFC (EAFC) (321) 853-8426.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Prior to operation in the 13800-13997.5 MHz, Licensee must notify the potentially-affected station operators: HARRIS CORPORATION (Mr. Scott T Mikuen Esq at 321-727-9234 and Mr. Patrick Sullivan at 321-727-9234) for the proposed operations.
- (6) Stop Buzzer: Christopher Wilkins at 2026492729.