

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

EXPERIMENTAL

(Nature of Service)

WL9XYS

(Call Sign)

XT MO

(Class of Station)

1639-EX-ST-2019

(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) MOBILE: Cape Canaveral AFS, FL, within 4 km, centered around NL 28-33-43; WL 80-34-38
- (2) MOBILE: SpaceX PPF at CCAFS, FL, within 4 km, centered around NL 28-32-37; WL 80-35-24
- (3) MOBILE: Kennedy Space Center, FL, within 4 km, centered around NL 28-36-29; WL 80-36-15

**Frequency Information**

MOBILE: Cape Canaveral AFS, FL, within 4 km, centered around NL 28-33-43; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12748.5 MHz	FX	300KG1D	0.0048 W (ERP)	
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This authorization effective October 25, 2019 and will expire 3:00 A.M. EST April 25, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Cape Canaveral AFS, FL, within 4 km, centered around NL 28-33-43; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13752.5 MHz	FX	1M30F2D	0.0006 mW (ERP)	
14499 MHz	FX	1M30F2D	0.0006 mW (ERP)	

MOBILE: SpaceX PPF at CCAFS, FL, within 4 km, centered around NL 28-32-37; WL 80-35-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12748.5 MHz	FX	300KG1D	0.0048 W (ERP)	
12749.5 MHz	FX	300KG1D	0.0048 W (ERP)	
13752.5 MHz	FX	1M30F2D	0.0006 mW (ERP)	
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MOBILE: Kennedy Space Center, FL, within 4 km, centered around NL 28-36-29; WL 80-36-15

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13752.5 MHz	FX	1M30F2D	0.0006 mW (ERP)	
14499 MHz	FX	1M30F2D	0.0006 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) 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) and provide a copy of FCC license to the 45th Space Wing Spectrum Management Office, (321)-853-8408, email: 45sw.erfmo@us.af.mil with Cc'ing DoD EAFC (321)-853-8426 at 45sw.dodeafc@us.af.mil.