

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

EXPERIMENTAL

(Nature of Service)

WQ9XHX

(Call Sign)

XT MO

(Class of Station)

0664-EX-ST-2021

(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: 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 (+/-)
1783.74 MHz	MO	4M00G2D	6.0E-6 W (ERP)	
2227.5 MHz	MO	4K00G2D	0.0832 W (ERP)	

This authorization effective June 04, 2021 and will expire 3:00 A.M. EST December 04, 2021

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Frequency Information

MOBILE: Kennedy Space Center, FL, within 4 km, centered around NL 28-36-29; WL 80-36-15

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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 Complex 40, Cape Canaveral AFS, FL or Kennedy Space Center, FL, SpaceX shall coordinate and schedule their operations with Range Scheduling (1ropschd@us.af.mil, 321-853-5941)) 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.
- (3) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Space Explorations Technologies Corp. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (4) All operations shall be limited to pre-launch testing to include the fairing re-rad operations at Pad 40 at Cape Canaveral AFS (CCAFS) or Pad 39A at Kennedy Space Center, (KSC) and stand-alone testing at the SpaceX Payload Processing Facility.