

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

EXPERIMENTAL

(Nature of Service)

WL9XBK

(Call Sign)

XT MO

(Class of Station)

0635-EX-ST-2018

(File Number)

NAME Space Explorations Technologies

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:

The radiating in the radar altimetry band is to verify expected performance dynamic performance of a radar altimeter.

Station Locations

- (1) MOBILE: Cape Canaveral AFS, FL: Max altitude 10,000 feet, within 10 km, centered around NL 28-29-11; WL 80-32-51

Frequency Information

MOBILE: Cape Canaveral AFS, FL: Max altitude 10,000 feet, within 10 km, centered around NL 28-29-11; WL 80-32-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.225 GHz	MO	40M0F3N	2.8 W (ERP)	5.0E-6 %
4.255 GHz	MO	40M0F3N	2.8 W (ERP)	5.0E-6 %
4.345 GHz	MO	40M0F3N	2.8 W (ERP)	5.0E-6 %

This authorization effective April 24, 2018 and will expire 3:00 A.M. EST October 24, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Prior to transmitting at Cape Canaveral AFS Florida, SpaceX shall coordinate and schedule their operations with Range Scheduling Office, 321- 853-5941, email: 1ropschd@us.af.mil and Jamie Bjornbak (James.P.Bjornbak@nasa.gov, 321-867-6905, NASA KSC SMO).