

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

EXPERIMENTAL

(Nature of Service)

WZ9XMM

(Call Sign)

XT MO

(Class of Station)

1250-EX-ST-2026

(File Number)

NAME Space Exploration Technologies Corp.

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:

Prelaunch customer payload RF testing for the Bluebird-2 missions. This STA is not for flight.

Station Locations

- (1) MOBILE: Payload Processing Facility Cape Canaveral, FL, within 0.01 km, centered around NL 28-32-37; WL 80-35-24
- (2) MOBILE: Payload Processing Facility Cape Canaveral, FL, within 0.01 km, centered around NL 28-32-37; WL 80-35-24

Frequency Information

MOBILE: Payload Processing Facility Cape Canaveral, FL, within 0.01 km, centered around NL 28-32-37; WL 80-35-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.1-439.5 MHz	MO	50K0F1D	2 mW (ERP)	0.003 %

This authorization effective July 10, 2026 and
will expire 3:00 A.M. EST January 11, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Payload Processing Facility Cape Canaveral, FL, within 0.01 km, centered around NL 28-32-37; WL 80-35-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2047 MHz	MO	1M07G1D	0.631 W (ERP)	0.00025 %
2057 MHz	MO	1M07G1D	0.631 W (ERP)	0.00025 %
2077 MHz	MO	1M07G1D	0.631 W (ERP)	0.00025 %
2225 MHz	MO	1M07G1D	0.631 W (ERP)	0.00025 %
2235 MHz	MO	1M07G1D	0.631 W (ERP)	0.00025 %
2244 MHz	MO	1M07G1D	0.631 W (ERP)	0.00025 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Experimental licensee must coordinate with the local Society of Broadcast Engineers frequency coordinator in each proposed area prior to accessing to 2047 MHz, 2057 MHz and 2077 MHz. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (3) Space Exploration Technologies Corp. should be aware that other stations may be licensed on and nearby these frequencies and if any interference occurs, they will be subject to immediate shut down.
- (4) Authorized operations shall be limited to ground-based and indoor testing related to pre-launch customer payload RF testing for the Bluebird-2 mission(s). Testing is limited to occur within either the SpaceX Payload Processing Facility (PPF) or the LC-40 Hangar Annex at CCSFS. This STA will expire as soon as testing has been completed or 10 January 2027, whichever occurs first. This STA shall not be used for any outdoor testing, flight testing, or launch operations.

Special Conditions:

- (5) Seven (7) days prior to operations, Space Exploration Technologies Corp. shall coordinate and schedule with Jamie Bjornbak (James.P.Bjornbak@nasa.gov, 321-867-6905, NASA KSC SMO) and receive full concurrence.
- (6) Prior to the planned operating at CCAFS, FL, SpaceX shall coordinate and schedule their operations with Range Scheduling, (321)-853-5941, email: 1ropschd@us.af.mil and provide a copy of FCC license, and Stop Buzzer POC 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, email: 45sw.dodeafc@us.af.mil.
- (7) Space Exploration Technologies Corp., or the company responsible for the Bluebird-2 mission(s), shall have no expectation that the technical characteristics (e.g., center frequencies, bandwidths, power levels, etc.) authorized within this STA for use during ground/indoor testing will also be authorized without modification if included in future requests.
- (8) Stop Buzzer POC: Bryan Aull
Phone: 321-391-3775