

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

EXPERIMENTAL

(Nature of Service)

WG9XGS

(Call Sign)

XT FX

(Class of Station)

0050-EX-ST-2013

(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:

Launch vehicle and spacecraft ground testing and checkout operations at Cape Canaveral Air Force Station (CCAFS), Florida.

Station Locations

- (1) Kennedy Space Center (BREVARD), FL - NL 28-37-25; WL 80-41-11
- (2) Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38
- (3) Cape Canaveral AFS, FL - NL 28-33-42; WL 80-34-38
- (4) Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38
- (5) Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38
- (6) Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38

Frequency Information

Kennedy Space Center (BREVARD), FL - NL 28-37-25; WL 80-41-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2040.5675 MHz	FX	54K0G2D	100 W (ERP)	

This authorization effective February 15, 2013 and will expire 3:00 A.M. EST June 15, 2013

**FEDERAL
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Frequency Information

Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2221.5 MHz	FX	3M66F1D	22 W (ERP)	0.002 %
2273.5 MHz	FX	3M66F1D	20 W (ERP)	0.002 %

Cape Canaveral AFS, FL - NL 28-33-42; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2213.5 MHz	FX	3M66F1D	8 W (ERP)	0.002 %
2251.5 MHz	FX	3M66F1D	8 W (ERP)	0.002 %
5765 MHz	FX	2M00LXN	193 W (ERP)	

Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2216 MHz	FX	54K0G1D	70.3 W (ERP)	

Frequency Information

Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2205.5 MHz	FX	567KF1D	21 W (ERP)	
2216 MHz	FX	12K4G1D	21 W (ERP)	
2231.5 MHz	FX	3M27F1F	20 W (ERP)	

Cape Canaveral AFS (BREVARD), FL - NL 28-33-42; WL 80-34-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400.5 MHz	FX	338KG1D	2.07 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) User operation requests should be submitted to 45 Space Wing range scheduling 1ROPS/DOUS by noon Thursday two weeks prior to required RF event. Please contact the Range Scheduling Office at (321) 853-5941.
- (3) Air Force POCs for Stop Buzzer are Scott Connolley scott.connolley@us.af.mil Phone: (321) 494-5838 and Michael Hicks Michael.Hicks@pentagon.af.mil Phone: (301) 225-3721.
- (4) In the event of interference, the stop buzzer for SpaceX will be Mr. Brian Mosdell, Space X Director of Launch Operations, 321-730-4001.