

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WP9XSL

(Call Sign)

2192-EX-ST-2019

(File Number)

NAME The Aerospace Corporation

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 Special Temporary Authority is for an LTE emulation test both in Aerospace facility and Department of Commerce (DOC) Table Mountain Field Site & Radio Quiet Zone in Boulder,

Station Locations

- (1) El Segundo, CA - NL 33-54-53; WL 118-22-47
- (2) Boulder, CO - NL 40-08-19; WL 105-15-17

Frequency Information

El Segundo, CA - NL 33-54-53; WL 118-22-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 kHz	FX	5M00G9W 5M00G9W	0.001 W (ERP)	1.22 %
1695-1710 MHz	FX	10M0G9W 10M0G9W	0.1 W (ERP)	1.22 %

This authorization effective January 13, 2020 and
will expire 3:00 A.M. EST July 14, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

El Segundo, CA - NL 33-54-53; WL 118-22-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1995-2020 MHz	FX	5M00G9W 5M00G9W	0.001 W (ERP)	1.22 %
2400-2483.5 MHz	FX	5M00G9W 5M00G9W	0.01 W (ERP)	1.22 %

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) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Prior to commencing any operations in the frequencies below, The Aerospace Corporation must obtain consent from the following within 50 miles of the contours of the testing area:
 - > Location & Monitoring Service licensees (902-928 MHz)
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) The Aerospace Corporation must coordinate with the Advance Wireless Service licensees prior to operation in 1695-1710 MHz and 1995-2020 MHz bands.
- (6)
 - > NTIA objects to operations at the Boulder, CO location due to coordination not being completed with the Table Mountain test site.
 - > Operation at the Boulder, CO location is prohibited due to NTIA Objection.
- (7) Operation at the Boulder, CO location is prohibited due to NTIA Objection.