

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL9XGK

(Call Sign)

1645-EX-ST-2017

(File Number)

NAME The Boeing Company

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:

To support UVS system integration test.

Station Locations

- (1) Huntington Beach (ORANGE), CA - NL 33-44-50; WL 118-02-04
- (2) Rowland Heights (LOS ANGELES), CA - NL 33-57-18; WL 117-53-44
- (3) Mt Wilson (LOS ANGELES), CA - NL 34-14-21; WL 118-05-36

Frequency Information

Huntington Beach (ORANGE), CA - NL 33-44-50; WL 118-02-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
138-148 MHz	FX	25K0F3E 25K0A3E	5 W (ERP)	

This authorization effective December 28, 2017 and
will expire 3:00 A.M. EST June 07, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntington Beach (ORANGE), CA - NL 33-44-50; WL 118-02-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
217-220 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
403-406 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
465-470 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	

Rowland Heights (LOS ANGELES), CA - NL 33-57-18; WL 117-53-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
138-148 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
217-220 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
403-406 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	

Frequency Information

Rowland Heights (LOS ANGELES), CA - NL 33-57-18; WL 117-53-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
465-470 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	

Mt Wilson (LOS ANGELES), CA - NL 34-14-21; WL 118-05-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
138-148 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
217-220 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
403-406 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
465-470 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	

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.

Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The Boeing Company must notch out the follow frequencies +/- 12k:
M138.2875
M142.1500
M143.4500
- (4) Stop buzzer, Steven Gall at 714-896-5143/ 714-697-5399.
- (5) The Boeing Company must notch out 37.5 - 38.25 MHz at all locations to avoid potential interference to the Radio Astronomy Services.
- (6) The Boeing Company must notch out 406 - 415 MHz at all locations to avoid potential interference to ongoing operations.
- (7) The applicant must obtain consent of the following licensees within 50 miles of the test area:
 - o Paging Service licensees in 35 MHz
 - o Paging Service licensees in 43 MHz
 - o 218-219 MHz Service licensees