

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WL9XGK

(Call Sign)

0529-EX-ST-2018

(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<br>25K0F3E  | 5 W (ERP)        |                           |
| 138-148 MHz | FX            | 25K0F3E<br>25K0A3E  | 5 W (ERP)        |                           |

This authorization effective June 07, 2018 and  
will expire 3:00 A.M. EST December 08, 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<br>25K0F3E  | 5 W (ERP)        |                           |
| 403-406 MHz | FX            | 25K0A3E<br>25K0F3E  | 5 W (ERP)        |                           |
| 465-470 MHz | FX            | 25K0A3E<br>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<br>25K0F3E  | 5 W (ERP)        |                           |
| 138-148 MHz | FX            | 25K0A3E<br>25K0F3E  | 5 W (ERP)        |                           |
| 217-220 MHz | FX            | 25K0A3E<br>25K0F3E  | 5 W (ERP)        |                           |
| 403-406 MHz | FX            | 25K0A3E<br>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<br>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<br>25K0F3E  | 5 W (ERP)        |                           |
| 138-148 MHz | FX            | 25K0A3E<br>25K0F3E  | 5 W (ERP)        |                           |
| 217-220 MHz | FX            | 25K0A3E<br>25K0F3E  | 5 W (ERP)        |                           |
| 403-406 MHz | FX            | 25K0A3E<br>25K0F3E  | 5 W (ERP)        |                           |
| 465-470 MHz | FX            | 25K0A3E<br>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 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
- (7) The Boeing Company must notch out the following frequencies: (+/- 5.5 KHz)  
138.475 MHz, 139.675 MHz, 141.3375 MHz, 142.825 MHz, 143.300 MHz, 143.475 MHz, 143.8625 MHz.