

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

EXPERIMENTAL

(Nature of Service)

WN9XFE

(Call Sign)

XT FX

(Class of Station)

1417-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:
SATCOM simulator testing

Station Locations

- (1) FLORENCE (MARICOPA), AZ - NL 33-04-48; WL 111-22-21
- (2) MESA (MARICOPA), AZ - NL 33-28-19; WL 111-43-28

Frequency Information

FLORENCE (MARICOPA), AZ - NL 33-04-48; WL 111-22-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19.2-19.4 GHz	FX	NON	0.06 mW (ERP)	
19.6-21.2 GHz	FX	NON	0.06 mW (ERP)	
29-29.1 GHz	FX	NON	0.06 mW (ERP)	

This authorization effective September 04, 2018 and
will expire 3:00 A.M. EST March 05, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

FLORENCE (MARICOPA), AZ - NL 33-04-48; WL 111-22-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29.3-31 GHz	FX	N0N	0.06 mW (ERP)	

MESA (MARICOPA), AZ - NL 33-28-19; WL 111-43-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19.2-19.4 GHz	MO	N0N	0.06 mW (ERP)	
19.6-21.2 GHz	MO	N0N	0.06 mW (ERP)	
29-29.1 GHz	FX	N0N	0.06 mW (ERP)	
29.3-31 GHz	FX	N0N	0.06 mW (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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The designated point-of-contact to terminate the system if interference occurs is Boeing 24 hour NOC hotline: (855) 556-1001 email: bcssnoc@boeing.com
- (4) Boeing Company must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 19.2-21.2 GHz band and the affected Fixed Microwave Service licensees prior to operation in 19.2-21.2 GHz and 29-31 GHz bands.
- (5) Operation is not permitted using the frequency bands 19.4-19.6 MHz and 29.1-29.3 MHz.