

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WO9XMQ

(Call Sign)

1335-EX-ST-2019

(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:

Evaluation of new tunable antenna on an aircraft.

Station Locations

(1) San Antonio (BEXAR), TX - NL 29-22-30; WL 98-34-22

Frequency Information

San Antonio (BEXAR), TX - NL 29-22-30; WL 98-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33.5 MHz	FX	25K0F3E 25K0F1D	15 W (ERP)	
55 MHz	FX	25K0F3E 25K0F1D	15 W (ERP)	
72 MHz	FX	25K0F3E	15 W (ERP)	

This authorization effective August 06, 2019 and
will expire 3:00 A.M. EST September 10, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Antonio (BEXAR), TX - NL 29-22-30; WL 98-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72 MHz	FX	25K0F1D	15 W (ERP)	
225 MHz	FX	8K50A3E 24K0A1D	15 W (ERP)	
300 MHz	FX	8K50A3E 24K0A1D	15 W (ERP)	
390 MHz	FX	8K50A3E 24K0A1D	15 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Air Force, FA8526-12-D-0001. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not operate after the expiration date of the contract designated in the related application and enumerated above.
- (4) Stop Buzzer, Paul Shank at 206-930-5308.
- (5) The Boeing Company must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation on 55 MHz and 72 MHz.
- (6) Future STA requests to extend this authorization will not be considered.