

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XYW

(Call Sign)

1603-EX-ST-2021

(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 conduct low power level ground testing

Station Locations

(1) MESA, AZ - NL 33-28-15; WL 111-43-43

Frequency Information

MESA, AZ - NL 33-28-15; WL 111-43-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
979 MHz	FX	650KV1A 11M5V1D 11M5M1D	0.01157 W (ERP)	
1030 MHz	FX	650KV1A 11M5V1D 11M5M1D	0.01157 W (ERP)	

This authorization effective January 03, 2022 and
will expire 3:00 A.M. EST March 31, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MESA, AZ - NL 33-28-15; WL 111-43-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	650KV1A 11M5V1D 11M5M1D	0.01157 W (ERP)	
1104 MHz	FX	650KV1A 11M5V1D 11M5M1D	0.01157 W (ERP)	

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The FAA concurs with the understating that this is one-time EMC testing that is evaluating the impact of specific navigational aid emission waveforms (DME, GLIDE SLOPE, LOCALIZER, AND VOR) against the UAS. Therefore, the concurrence is based upon the appropriate waveform for the proper band/equipment and no others.
- (5) Stop buzzer, Kristen Kokkeby at (951) 258-8736.