

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XWA

(Call Sign)

1600-EX-ST-2021

(File Number)

NAME Intuitive Machines

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 test basic operation and data flow using an LTE based comm unit on the ground before the mission is flown in space.

Station Locations

(1) Houston (HARRIS), TX - NL 29-35-26; WL 95-06-02

Frequency Information

Houston (HARRIS), TX - NL 29-35-26; WL 95-06-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1737.5-1757.5 MHz	FX	20M0X2D 10M0X2D 5M00X2D	4 W (ERP)	
1832.5-1852.5 MHz	FX	20M0X2D 10M0X2D 5M00X2D	12.6 W (ERP)	

This authorization effective October 31, 2021 and
will expire 3:00 A.M. EST April 29, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Licensee must obtain consent from the following within 50 miles of the contours of the testing area:
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (4) Licensee must secure consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to 1737.5-1757.5 MHz band.
- (5) Stop buzzer contact is Michael Oelke at 713-552-3130.
- (6) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.