

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WA8XAG

(Call Sign)

1127-EX-ST-2026

(File Number)

NAME Liquid Robotics Inc.

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:

The purpose of this application is to support temporary integration testing and operational check of Mobile Ad Hoc Networking System (MANET).

Station Locations

(1) MOBILE: Jessup, MD, within 1 km, centered around NL 39-08-38; WL 76-48-21

Frequency Information

MOBILE: Jessup, MD, within 1 km, centered around NL 39-08-38; WL 76-48-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2482 MHz	MO	15M4G1D	15.5 W (ERP)	
		32M5G1D		
		3M85G1D		
		7M70G1D		

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective July 20, 2026 and
will expire 3:00 A.M. EST January 21, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (4) Licensee must coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the frequencies from 2450 MHz to 2482
- (5) Stop Buzzer Point of Contact: Amanda Kryway, 571-910-9916
- (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.