

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WI2XNO

(Call Sign)

0084-EX-CN-2016

(File Number)

NAME Liquid Robotics Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Waters West of Kona coast near Kawaihae Harbor, within 25 km, centered around NL 20-01-33; WL 155-55-02
- (2) Sunnyvale (SANTA CLARA), CA - NL 37-24-38; WL 122-00-15

Frequency Information

MOBILE: Waters West of Kona coast near Kawaihae Harbor, within 25 km, centered around NL 20-01-33; WL 155-55-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2482 MHz	MO	32M5D1D	15.32 W (ERP)	

Sunnyvale (SANTA CLARA), CA - NL 37-24-38; WL 122-00-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2482 MHz	FX	32M5D1D	15.32 W (ERP)	

This authorization effective October 20, 2016 and
will expire 3:00 A.M. EST December 06, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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 in 2400-2482 MHz band with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (4) Licensee is required to coordinate operations in 2400-2482 MHz band with existing microwave users in the area to avoid interference.