

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

EXPERIMENTAL

(Nature of Service)

WJ2XXE

(Call Sign)

XD MO

(Class of Station)

0879-EX-CN-2018

(File Number)

NAME Emerald Innovations, 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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: United States (All 50), within 2700 km, centered around NL 39-50-00; WL 98-35-00

Frequency Information

MOBILE: United States (All 50), within 2700 km, centered around NL 39-50-00; WL 98-35-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.46-7.25 GHz	MO	1G79F8N	70 uW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) All the experimental devices will be under control of Emerald Innovations, Inc. and they will be retrieved by Emerald Innovations, Inc. from the participants upon completion of the experiment.

This authorization effective February 25, 2019 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application. 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 be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) Development in the requested 5.46-7.25 GHz band may not be authorized.