

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WL2XLZ

(Call Sign)

1061-EX-CN-2020

(File Number)

NAME TrellisWare Technologies

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: San Diego, CA, within 45 km, centered around NL 32-56-26; WL 117-05-42
- (2) MOBILE: Borrego Springs, CA, within 45 km, centered around NL 33-15-23; WL 116-22-30

Frequency Information

MOBILE: San Diego, CA, within 45 km, centered around NL 32-56-26; WL 117-05-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.6 MHz	MO	25K0F1D 50K0G1D	20 W (ERP)	
74.6-74.8 MHz	MO	25K0F1D 50K0G1D	1 W (ERP)	
75.2-88 MHz	MO	25K0F1D 50K0G1D	20 W (ERP)	

This authorization effective April 07, 2021 and
will expire 3:00 A.M. EST April 01, 2023

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COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Borrego Springs, CA, within 45 km, centered around NL 33-15-23; WL 116-22-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.6 MHz	MO	25K0F1D 50K0G1D	20 W (ERP)	
74.6-74.8 MHz	MO	50K0G1D 25K0F1D	1 W (ERP)	
75.2-88 MHz	MO	25K0F1D 50K0G1D	20 W (ERP)	

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) TrellisWare Technologies shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in the proposed frequency bands.
- (4) FAA requests to reduce power to 1 Watt between 74.6-74.8 MHz.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army via National Spectrum Consortium, Contract Number NSC-19-9020. 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) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Paging Service licensees in 35 MHz
 - Paging Service licensees in 43 MHz