

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WJ2XLR

(Call Sign)

0300-EX-CN-2018

(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(h) of the Commission's Rules

Station Locations

(1) MOBILE: San Diego, CA, within 45 km, centered around NL 33-00-53; WL 117-05-35

Frequency Information

MOBILE: San Diego, CA, within 45 km, centered around NL 33-00-53; WL 117-05-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
230-232 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
237-238.2 MHz	MO	1M20G1D 50K0G1D	2 W (ERP)	
240-243 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
245-250 MHz	MO	50K0G1D	2 W (ERP)	

This authorization effective July 31, 2018 and
will expire 3:00 A.M. EST August 01, 2020

**FEDERAL
COMMUNICATIONS
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Frequency Information

MOBILE: San Diego, CA, within 45 km, centered around NL 33-00-53; WL 117-05-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
245-250 MHz	MO	1M20G1D 4M00G1D	2 W (ERP)	
260-262 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
264-265.2 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
271-272.2 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
286-287.2 MHz	MO	1M20G1D 50K0G1D	2 W (ERP)	
300-304 MHz	MO	50K0G1D 1M20G1D 4M00G1D	2 W (ERP)	
311-313 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
320-321.2 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	

Frequency Information

MOBILE: San Diego, CA, within 45 km, centered around NL 33-00-53; WL 117-05-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
344-345.2 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
361-362.2 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
364-369 MHz	MO	50K0G1D 1M20G1D 4M00G1D	2 W (ERP)	
373-376 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
398-400 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
1375-1390 MHz	MO	4M00G1D 15M0W7D 15M0G1D 1M20G1D 10M0G1D 50K0G1D	2 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.

Special Conditions:

- (3) The designated point-of-contact to terminate the system if interference occurs is Michael Smith 858-888-5298.
- (4) This authorization is issued for the express purpose of conducting experimental operation described in the related application and required by US Special Operations Command, Contract Number: H92222-17-D-0024. 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.
- (5) Trellisware Company must contact the Western Area Frequency Coordinator (WAFC) Jamie Heaton at 760-939-6832 prior to transmitting.
- (6) The frequency band 1375-1390 MHz was coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, D.C. 20591.