

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WK2XGS

(Call Sign)

0560-EX-CR-2021

(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(hb) of the Commission's Rules

Station Locations

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

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 (+/-)
286.375 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	
286.375 MHz	MO	50K0G1D 1M20G1D	40 W (ERP)	
287.6 MHz	MO	50K0G1D 1M20G1D	2 W (ERP)	

This authorization effective September 30, 2021 and
will expire 3:00 A.M. EST October 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 (+/-)
287.6 MHz	MO	50K0G1D 1M20G1D	40 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) This authorization is issued for the express purpose of conducting experimental operation described in the related application and required by US Army, Contract Number: NSC-19-03-001 and 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.
- (4) Operation is NOT PERMITTED using the frequency band 380-384.95 MHz.
- (5) The operation may not be activated unless a Stop Buzzer and monthly schedule that are provided 48 hours (Monday through Friday except holidays) prior to commencing RF operations to AFMO FAO RANDY.HOWARD.CIV@MAIL.MIL. Any changes to the schedule can email as the changes arise. The FAO will make contact when any issue with the schedule arise via email or phone call. No response is considered to be in concurrence with the schedule; also, the POC at the site must have authority to immediately terminate the mission if such is ever required. Operation will be terminated if contingency/national incident arises.