

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

EXPERIMENTAL

(Nature of Service)

XC      FX

(Class of Station)

WK2XFG

(Call Sign)

0166-EX-CM-2019

(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) San Diego (SAN DIEGO), CA - NL 32-42-51; WL 117-15-18
- (2) San Diego (SAN DIEGO), CA - NL 32-42-51; WL 117-15-18
- (3) San Diego (SAN DIEGO), CA - NL 32-42-51; WL 117-15-18
- (4) San Diego (SAN DIEGO), CA - NL 32-42-51; WL 117-15-18

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-42-51; WL 117-15-18

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 4400-4940 MHz | FX            | N0N                 | 546 kW (ERP)     |                           |
|               |               | 25M0G1D             |                  |                           |
|               |               | 7M00G1D             |                  |                           |
|               |               | 2M50G1D             |                  |                           |
|               |               | 1M39G1D             |                  |                           |
|               |               | 64K0G1D             |                  |                           |

This authorization effective July 03, 2019 and  
will expire 3:00 A.M. EST March 01, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

San Diego (SAN DIEGO), CA - NL 32-42-51; WL 117-15-18

| Frequency     | Station Class | Emission Designator                                 | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-----------------------------------------------------|------------------|---------------------------|
| 5850-5925 MHz | FX            | 25M0G1D<br>7M00G1D<br>2M50G1D<br>1M39G1D<br>64K0G1D | 760 kW (ERP)     |                           |

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## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

**Special Conditions:**

- (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) Licensee must successfully coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation.
- (4) The authorized station is not permitted to operate an emission designator (N0N) associated with power 760 kW (ERP) in the 5850-5925 MHz band.
- (5) Operation is not permitted using the frequency band 4940-5000 MHz and 5925-6425 MHz.
- (6) This authorization is issued for the express purpose of conducting experimental operation described in the related application and required by US Navy, N6833517C0223. 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.