

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WJ2XQY

(Call Sign)

0470-EX-CR-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(hb) of the Commission's Rules

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-56-32; WL 117-04-15
- (2) Palomar Mountain (SAN DIEGO), CA - NL 33-18-38; WL 116-51-33

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-56-32; WL 117-04-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1395-1400 MHz	FX	5M00W7D	1.3 kW (ERP)	
1755-1850 MHz	FX	20M0W7D	1.3 kW (ERP)	
2180-2305 MHz	FX	20M0W7D	1.3 kW (ERP)	

This authorization effective September 01, 2020 and
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL
COMMUNICATIONS
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Frequency Information

Palomar Mountain (SAN DIEGO), CA - NL 33-18-38; WL 116-51-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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1755-1850 MHz	FX	20M0W7D	1.3 kW (ERP)	
2180-2305 MHz	FX	20M0W7D	1.3 kW (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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army, contract number NSC-17-7090. 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 numerated above.
- (4) Licensee must successfully secure consents from all the existing and future Advance Wireless Service licensees prior to operation on 1755-1780 MHz and 2180-2200 MHz bands.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (7) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (8) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (9) Operation is NOT PERMITTED using the frequency band 1400-1432 MHz.