

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WJ2XLR

(Call Sign)

0051-EX-ST-2021

(File Number)

NAME TrellisWare Technologies

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To test and develop its TSM-enabled software defined radios (SDRs).

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 (+/-)
1375-1390 MHz	MO	4M00G1D 15M0W7D 15M0G1D 1M20G1D 10M0G1D 50K0G1D	2 W (ERP)	
1382.5 MHz	MO	50K0G1D 10M0G1D	2 W (ERP)	

This authorization effective March 24, 2021 and
will expire 3:00 A.M. EST July 14, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 (+/-)
1382.5 MHz	MO	1M20G1D 15M0G1D 15M0W7D 4M00G1D	2 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 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.
- (4) The frequency band 1375-1390 MHz was coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, D.C. 20591.
- (5) TrellisWare Technologies must notch out the following frequency band : 225 - 399.990 MHz band. Trellisware needs request specific frequencies not to exceed the bandwidth limitations contained in Annex B. Recommend Trellisware contact the noted sponsor, SOCOM, to gain access to Annex B of the current DOD UHF channeling plan.
- (6) Airborne emissions in the 1390-1400 MHz frequency band are not permitted in accordance with Footnote US79.
- (7) Operation in the 1375-1390 MHz frequency band shall comply with the limits of unwanted emission recommendations specified for mobile stations in ITU Resolution 750 (Rev. WRC-19).