

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

EXPERIMENTAL

(Nature of Service)

WJ9XGL

(Call Sign)

XT MO

(Class of Station)

1310-EX-ST-2015

(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:

Frequencies required to accomplish testing of prototype wideband HF radio system

Station Locations

(1) MOBILE: San Miguel, CA, within 100 km, centered around NL 35-47-28; WL 120-44-35

Frequency Information

MOBILE: San Miguel, CA, within 100 km, centered around NL 35-47-28; WL 120-44-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-12 MHz	MO	24K0D7D	200 W (ERP)	1.0E-7 %

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.

This authorization effective March 07, 2016 and
will expire 3:00 A.M. EST March 12, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) In order to protect Coast Guard operations, the following frequencies must be notched out:

K2183.4	K2174.5
K2187.5	K2262.4
K2671.4	K3024.4
K4126.4	K4177.5
K4207.5	K4427.4
K5681.4	K6268
K6216.4	K6517.4
K6312	K6502.4
K8292.4	K8414.5
K8765.4	

- (4) Operation is NOT PERMITTED using the following frequencies for Air/Ground/Air communications:

K2120.4	K2142.4	K2262.4
K2660.4		
K2679.4	K3054.4	K3057.4
K3120.4		
K3123.4	K4572.5	K4731.4
K4734.4		
K4821	K4902	K4965
K5108		
K5694.4	K5697.4	K5700.4
K5885		
K5943.5	K6710.4	K6743.4
K7419.5		
K7630.5	K7669.5	K7736
K7743		
K7747	K7775	K7793
K7821		
K8981.4	K8984.4	K9035.4
K9038.4		
K10540	K10774	K10810
K10891		
K10918	K11197.4	K11200.4
K11203.4		

Special Conditions:

- (5) Operation is NOT PERMITTED using the following frequencies for weather broadcasts to maritime mobile

K2014.5	K2016	K2017.5
K2038.5		
K2040	K2042.5	K2054
K2142.5		
K2159.5	K2161	K2162.5
K4298		
K4317.9	K4912	K4913.5
K5107		
K5108.5	K5110	K5215.5
K5217		
K5221.5	K5223	K5224.5
K5264.5		
K5266	K5267.5	K5270.5
K5272		
K5418	K5419.5	K5421
K5931		
K5934	K5941	K5942.5
K5944		
K6961	K7439	K7577
K7617		
K7626	K7754.5	K7845
K7884		
K7909	K8459	K8503.9
K8682		
K9110	K9169	K9291
K9332		
K10297.5	K10338.5	K10354.5
K10378		
K10675	K10759	K10788
K10929.5		
K10935.5	K11024	K11045
11157.5		

- (6) The following frequency band must be notched out to protect AM(R)S operations: (in KHz)

2850 - 3025
3400 - 3500
4650 - 4700
5450 - 5680
6525 - 6685
8815 - 8965
10005 - 10100
11275 - 11400

Special Conditions:

- (7) The following bands are excluded to protect STANDARD FREQUENCY AND TIME SIGNAL operations:

2.495-2.505 MHz

4.995-5.005 MHz

9.995-10.005 MHz