

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

EXPERIMENTAL

(Nature of Service)

WM9XYB

(Call Sign)

XT FX

(Class of Station)

0918-EX-ST-2018

(File Number)

NAME The Yield Americas Inc

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:

The purpose of the operation is to demonstrate wireless networking of microclimate sensing nodes within two vineyards one in Napa Valley and one near Santa Maria. The RF transmitting

Station Locations

- (1) Yountville (NAPA), CA - NL 38-26-06; WL 122-21-20
- (2) Yountville (NAPA), CA - NL 38-26-04; WL 122-21-24
- (3) Yountville (NAPA), CA - NL 38-26-00; WL 122-21-14
- (4) Yountville (NAPA), CA - NL 38-26-15; WL 122-21-32
- (5) Yountville (NAPA), CA - NL 38-25-55; WL 122-21-03
- (6) Santa Maria (SANTA BARBARA), CA - NL 34-57-12; WL 120-18-05
- (7) Santa Maria (SANTA BARBARA), CA - NL 34-57-14; WL 120-18-03
- (8) Santa Maria (SANTA BARBARA), CA - NL 34-57-27; WL 120-17-47
- (9) Santa Maria (SANTA BARBARA), CA - NL 34-57-10; WL 120-17-58
- (10) Santa Maria (SANTA BARBARA), CA - NL 34-57-27; WL 120-18-13
- (11) Yountville (NAPA), CA - NL 38-26-10; WL 122-21-22

This authorization effective July 10, 2018 and
will expire 3:00 A.M. EST January 10, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yountville (NAPA), CA - NL 38-26-06; WL 122-21-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-04; WL 122-21-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-00; WL 122-21-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-15; WL 122-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Frequency Information

Yountville (NAPA), CA - NL 38-25-55; WL 122-21-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Santa Maria (SANTA BARBARA), CA - NL 34-57-12; WL 120-18-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Santa Maria (SANTA BARBARA), CA - NL 34-57-14; WL 120-18-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Santa Maria (SANTA BARBARA), CA - NL 34-57-27; WL 120-17-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Frequency Information

Santa Maria (SANTA BARBARA), CA - NL 34-57-10; WL 120-17-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Santa Maria (SANTA BARBARA), CA - NL 34-57-27; WL 120-18-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-10; WL 122-21-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	25K0G7D	1 W (ERP)	0.002 %

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.