

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

EXPERIMENTAL

(Nature of Service)

WN9XNM

(Call Sign)

XT FX

(Class of Station)

1744-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 trial wireless IoT technology within vineyards. A suite of sensors are located in specific in-vineyard microclimates and connected to a Sensor Node.

Station Locations

- (1) Yountville (NAPA), CA - NL 38-26-21; WL 122-21-49
- (2) Yountville (NAPA), CA - NL 38-26-11; WL 122-21-58
- (3) Yountville (NAPA), CA - NL 38-26-23; WL 122-21-50
- (4) Yountville (NAPA), CA - NL 38-26-16; WL 122-21-54
- (5) Yountville (NAPA), CA - NL 38-26-47; WL 122-21-12
- (6) Santa Maria (NAPA), CA - NL 34-56-14; WL 120-17-26
- (7) Santa Maria (NAPA), CA - NL 34-55-51; WL 120-17-35
- (8) Santa Maria (NAPA), CA - NL 34-56-00; WL 120-17-00
- (9) Santa Maria (NAPA), CA - NL 34-56-09; WL 120-17-21
- (10) Santa Maria (NAPA), CA - NL 34-55-51; WL 120-17-36
- (11) Santa Maria (NAPA), CA - NL 34-56-09; WL 120-17-22

This authorization effective January 11, 2019 and
will expire 3:00 A.M. EST June 11, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yountville (NAPA), CA - NL 38-26-21; WL 122-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-11; WL 122-21-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-23; WL 122-21-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Yountville (NAPA), CA - NL 38-26-16; WL 122-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Frequency Information

Yountville (NAPA), CA - NL 38-26-47; WL 122-21-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Santa Maria (NAPA), CA - NL 34-56-14; WL 120-17-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Santa Maria (NAPA), CA - NL 34-55-51; WL 120-17-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Santa Maria (NAPA), CA - NL 34-56-00; WL 120-17-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Frequency Information

Santa Maria (NAPA), CA - NL 34-56-09; WL 120-17-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Santa Maria (NAPA), CA - NL 34-55-51; WL 120-17-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

Santa Maria (NAPA), CA - NL 34-56-09; WL 120-17-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	200KG7D	1 W (ERP)	0.002 %

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) Prior to commencing any operations, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Location & Monitoring Service licensees (902-928 MHz)