

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XCS

(Call Sign)

0774-EX-ST-2021

(File Number)

NAME Sky Valley Network LLC

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:

This will allow testing in 5925 MHz to 7125 MHz
based on FCC 18-147, ET Docket 18-295.

Station Locations

(1) Ramona (SAN DIEGO), CA - NL 33-03-02; WL 116-49-35

Frequency Information

Ramona (SAN DIEGO), CA - NL 33-03-02; WL 116-49-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5945-6123.5 MHz	FX	20M0D7W 40M0D7W 80M0D7W	3.981 W (ERP)	0.001 %
6197-6345 MHz	FX	20M0D7W 40M0D7W 80M0D7W	1 W (ERP)	0.001 %

This authorization effective June 01, 2021 and
will expire 3:00 A.M. EST October 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (3) Sky Valley Network LLC must schedule with Western Area Frequency Coordinator (WAFC)
130 Easy RoadStop, 3008
Bldg. 31454, Room 230
China Lake, CA 93555-6109
COM: (760) 939-6832
- (4) For a standard power access point (AFC Controlled) and fixed client device operating in the 5.925-6.425 GHz (U-NII-5) and 6.525-6.875 GHz (U-NII-7) bands, the maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.
- (5) For conducting outdoor tests in the 5925-6425 MHz and 6.525-6.875 GHz frequency bands, the maximum e.i.r.p. from a Standard-Power Access Point (AFC Controlled) and fixed client device must not exceed 125 mW (21 dBm) at any elevation angle of more than 30 degrees above the horizon to protect satellite receivers.
- (6) For client device (Client Connected to standard power access point), operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (7) Operation in the 6.425-6.525 GHz and 6.875-7.125 GHz bands is limited to indoor locations.
- (8) For an indoor Low-Power access point operating in the 5.925-7.125 GHz (U-NII-5 (5.925-6.425 GHz) U-NII-6 (6.425-6.525 GHz) U-NII-7 (6.525-6.875 GHz) U-NII-8 (6.875-7.125 GHz)) band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (9) For client device (Client Connected to Low-Power access point), operating under the control of an indoor access point in the 5.925 -7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.
- (10) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.