

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

XT FX MO
(Class of Station)

WP2XYS
(Call Sign)

0094-EX-CM-2026
(File Number)

NAME NextNav

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(J) of the Commission's Rules

Station Locations

- (1) San Jose (SANTA CLARA), CA - NL 37-21-47; WL 121-53-00
- (2) San Jose (SANTA CLARA), CA - NL 37-20-34; WL 121-52-40
- (3) San Jose (SANTA CLARA), CA - NL 37-20-54; WL 121-54-00
- (4) San Jose (SANTA CLARA), CA - NL 37-20-02; WL 121-53-39
- (5) San Jose (SANTA CLARA), CA - NL 37-20-08; WL 121-55-03
- (6) San Jose (SANTA CLARA), CA - NL 37-20-22; WL 121-53-22
- (7) San Jose (SANTA CLARA), CA - NL 37-22-04; WL 121-55-05
- (8) San Jose (SANTA CLARA), CA - NL 37-20-07; WL 121-52-39
- (9) MOBILE: Mobile units of user equipment, San Jose, CA, within 6 km, centered around NL 37-20-54; WL 121-54-00
- (10) San Jose (SANTA CLARA), CA - NL 37-22-04; WL 121-55-05

Frequency Information

San Jose (SANTA CLARA), CA - NL 37-21-47; WL 121-53-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

This authorization effective June 25, 2026 and
will expire 3:00 A.M. EST December 01, 2027

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Frequency Information

San Jose (SANTA CLARA), CA - NL 37-20-34; WL 121-52-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

San Jose (SANTA CLARA), CA - NL 37-20-54; WL 121-54-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

San Jose (SANTA CLARA), CA - NL 37-20-02; WL 121-53-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

San Jose (SANTA CLARA), CA - NL 37-20-08; WL 121-55-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

Frequency Information

San Jose (SANTA CLARA), CA - NL 37-20-22; WL 121-53-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

San Jose (SANTA CLARA), CA - NL 37-20-07; WL 121-52-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

MOBILE: Mobile units of user equipment, San Jose, CA, within 6 km, centered around NL 37-20-54; WL 121-54-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-907 MHz	MO	5M00D7W	61 mW (ERP)	0.0001 %
902-907 MHz	MO	5M00D7W	1.22 mW (ERP)	0.0002 %

San Jose (SANTA CLARA), CA - NL 37-22-04; WL 121-55-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
918-928 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %
923 MHz	FX	10M0D7W	1000 W (ERP)	0.0001 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Prior to commencing any operations in the 902-907 MHz and 918-928 MHz bands, the experimental licensee must notify and provide the Stop Buzzer contact to all licensees who are authorized for operation in these sub-bands of Location & Monitoring Service (902-928 MHz) and are located within 50 miles of the contours of the testing area.
- (3) The power of experimental operation must be limited to 60 dBm ERP.
- (4) Experimental operations must be limited to metropolitan San Jose, CA.
- (5) The experimental licensee should make a good faith effort to inform the "unlicensed device user" community about the test including the dates of operation, frequencies used and locations of transmitters. The community should be informed of the potential for interference and the types of devices that may be impacted (e.g., wireless cameras, home smart devices, baby monitors, inventory monitoring and theft mitigation systems...); and the experimental licensee should provide the community a contact in case there are issues that need to be addressed.
- (6) The experimental licensee must place notice of the experimental parameters, and the stop buzzer contact in the record of the NextNav proceeding (Docket 24-240).
- (7) Stop buzzer Point of Contact:
JongHak Jung - (408) 400-7850 - 5GPNTNetwork@nextnav.com
- (8) Experimental licensee must
 - a. set an antenna height at a value where TOWAIR indicates that FAA notification is not required at that given location; or
 - b. file an FAA notification (and seek a determination of no hazard) where TOWAIR indicates that FAA notification is required at the given location and height.
- (9) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended Stop Buzzer