

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ2XIU

(Call Sign)

0172-EX-CN-2018

(File Number)

NAME Polaris PNT PBC

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) Berkeley (ALAMEDA), CA - NL 37-51-43; WL 122-15-16

Frequency Information

Berkeley (ALAMEDA), CA - NL 37-51-43; WL 122-15-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
40-43 MHz	FX	16K4G1D 16K0G1D 246KG7W	0.01 W (Output Power)	0.0005 %
217-222 MHz	FX	16K4D1D 16K4D1D	2 W (Output Power)	0.0005 %
902-928 MHz	FX	4M50W7W 246KG7W 246KG7W	1 W (Output Power)	0.0005 %

This authorization effective April 04, 2018 and
will expire 3:00 A.M. EST April 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Berkeley (ALAMEDA), CA - NL 37-51-43; WL 122-15-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
909.75-919.75 MHz	FX	4M50W7W 5M00W7W	5 W (Output Power)	0.0005 %

Special Conditions:

- (1) Licensee should be aware that its authority to use these frequencies is on an experimental basis only and does not convey any rights to conduct an activity of a continuing nature. This experimental authorization is subject to change or cancellation by the Commission in its discretion at any time without notice or hearing.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and that the licensee must use every precaution to ensure that it will not interfere with those stations. If any interference occurs, the licensee of this authorization will be subject to immediate shutdown and be required to demonstrate to the Commission's satisfaction that further interference will not be caused to any station before it can resume operation.
- (3) Prior to commencing testing operations, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - AMTS licensees (217-218 MHz/219-220 MHz)
 - 218-219 MHz Service licensees
 - 220-222 MHz Service licensees
 - Location & Monitoring Service licensees (902 – 928 MHz)