

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

EXPERIMENTAL

(Nature of Service)

WK2XZJ

(Call Sign)

XT FX

(Class of Station)

0257-EX-CN-2020

(File Number)

NAME Cornell University

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) Fairbanks (Fairbanks North Star), AK - NL 65-07-03; WL 147-25-55
- (2) Gakona (Valdez-Cordova), AK - NL 62-23-21; WL 145-08-09

Frequency Information

Fairbanks (Fairbanks North Star), AK - NL 65-07-03; WL 147-25-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.9 MHz	FX	100KG1N	5 W (ERP)	0.01 %
3.4 MHz	FX	100KG1N	5 W (ERP)	0.01 %

This authorization effective May 12, 2020 and
will expire 3:00 A.M. EST May 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Gakona (Valdez-Cordova), AK - NL 62-23-21; WL 145-08-09

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Special Conditions:

- (1) 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) LICENSEE MUST COORDINATE WITH OTHER USERS AS NECESSARY TO MINIMIZE INTERFERENCE.
- (4) Experimental use is secondary to, and must not interfere with, Flight Test operations.
- (5) Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory Committee, www.aftrcc.org
- (6) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended condition