

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

EXPERIMENTAL

(Nature of Service)

WK2XIF

(Call Sign)

XD FX

(Class of Station)

0509-EX-CN-2019

(File Number)

NAME Corning Research & Development Corp.

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) Painted Post (STEUBEN), NY - NL 42-09-41; WL 77-06-58

Frequency Information

Painted Post (STEUBEN), NY - NL 42-09-41; WL 77-06-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27-29 GHz	FX	2G00G7W	20 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Operation is subject to prior coordination with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

This authorization effective July 18, 2019 and
will expire 3:00 A.M. EST August 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) Licensee shall ensure that the transmitting fixed station antenna(s) main beam gain tip down when possible and avoid pointing above the horizon to protect satellite stations.