

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

EXPERIMENTAL
(Nature of Service)

WG2XKD
(Call Sign)

XR FX
(Class of Station)

0022-EX-ML-2016
(File Number)

NAME Pennsylvania State 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(a) of the Commission's Rules

Station Locations

- (1) Pine Grove Mills (CENTRE), PA - NL 40-42-32; WL 77-58-09
- (2) Pine Grove Mills (CENTRE), PA - NL 40-42-29; WL 77-58-12
- (3) W. Pine Grove Mills (CENTRE), PA - NL 40-42-29; WL 77-58-12

Frequency Information

Pine Grove Mills (CENTRE), PA - NL 40-42-32; WL 77-58-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
49.5 MHz	FX	400KM1N	1.893 MW (ERP)	1.01 %

Pine Grove Mills (CENTRE), PA - NL 40-42-29; WL 77-58-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
40 MHz	FX	80K0M1N	0.9976 MW (ERP)	3.75 %

This authorization effective February 19, 2016 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

W. Pine Grove Mills (CENTRE), PA - NL 40-42-29; WL 77-58-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.1-5.3 MHz	FX	100KM1N	451 W (ERP)	0.05 %