

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

EXPERIMENTAL

(Nature of Service)

XR MO

(Class of Station)

WK2XHE

(Call Sign)

0454-EX-CN-2019

(File Number)

NAME University At Albany

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) MOBILE: University at Albany Campus in Albany, NY, within 5 km, centered around NL 42-41-07; WL 73-49-29
- (2) MOBILE: Town of Thurman, NY, within 5 km, centered around NL 43-31-56; WL 73-54-53

Frequency Information

MOBILE: University at Albany Campus in Albany, NY, within 5 km, centered around NL 42-41-07; WL 73-49-29

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 470-758 MHz | MO            | 6M00F1D             | 630.957 mW (ERP) | 2.5 %                     |
| 769-788 MHz | MO            | 6M00F1D             | 630.957 mW (ERP) | 2.5 %                     |

This authorization effective June 19, 2019 and  
will expire 3:00 A.M. EST July 01, 2021

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Town of Thurman, NY, within 5 km, centered around NL 43-31-56; WL 73-54-53

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 470-758 MHz | MO            | 6M00F1D             | 588.844 mW (ERP) | 2.5 %                     |
| 769-786 MHz | MO            | 6M00F1D             | 588.844 mW (ERP) | 2.5 %                     |

## Special Conditions:

- (1) In lieu of frequency tolerance, 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) Operation is not permitted using 608-614 MHz, 758-769 MHz and 788-799 MHz.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:  
700 MHz Lower Band licensees (698-746 MHz)  
700 MHz Upper Band licensees (746-758 MHz and 775-788 MHz)
- (5) Licensee shall prior coordinate with the local Society of Broadcast Engineers frequency coordinator to protect the Broadcast Auxiliary Service operations.