

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WL2XLU

(Call Sign)

0014-EX-CN-2021

(File Number)

NAME Artis, LLC

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Salt Lake City, UT, within 15 km, centered around NL 40-45-47; WL 111-53-00
- (2) MOBILE: TARDEC, Warren, MI, within 15 km, centered around NL 42-29-33; WL 83-02-30
- (3) MOBILE: EMRTC, Socorro, NM, within 25 km, centered around NL 34-04-21; WL 106-55-08
- (4) MOBILE: Herndon, VA, within 30 km, centered around NL 38-57-47; WL 77-22-35
- (5) MOBILE: Ashton, WV, within 50 km, centered around NL 38-38-19; WL 82-08-45
- (6) MOBILE: Germantown, MD, within 15 km, centered around NL 39-11-44; WL 77-15-29

Frequency Information

MOBILE: Salt Lake City, UT, within 15 km, centered around NL 40-45-47; WL 111-53-00

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3500-3550 MHz | MO            | 20M0M2N             | 640 W (ERP)      | 0.00001 %                 |

This authorization effective February 18, 2021 and  
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: TARDEC, Warren, MI, within 15 km, centered around NL 42-29-33; WL 83-02-30

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3500-3550 MHz | MO            | 20M0M2N             | 640 W (ERP)      | 0.00001 %                 |

MOBILE: EMRTC, Socorro, NM, within 25 km, centered around NL 34-04-21; WL 106-55-08

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3300-3550 MHz | MO            | 20M0M2N             | 640 W (ERP)      | 0.00001 %                 |

MOBILE: Herndon, VA, within 30 km, centered around NL 38-57-47; WL 77-22-35

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3300-3550 MHz | MO            | 20M0M2N             | 640 W (ERP)      | 0.00001 %                 |

MOBILE: Ashton, WV, within 50 km, centered around NL 38-38-19; WL 82-08-45

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3300-3550 MHz | MO            | 20M0M2N             | 640 W (ERP)      | 0.00001 %                 |

## Frequency Information

MOBILE: Germantown, MD, within 15 km, centered around NL 39-11-44; WL 77-15-29

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3300-3550 MHz | MO            | 20M0M0N             | 640 W (ERP)      | 0.00001 %                 |

## 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operations must be scheduled either as a WSMR range mission, through the WSMR sponsor or with the WSMR DOD area frequency coordinator (DOD-AFC). Scheduling and coordination with the WSMR DOD-AFC shall be at least 96 hours prior to start of operations, and shall be via email to [usarmy.wsmr.imcomcentral.list.dodafc@mail.mil](mailto:usarmy.wsmr.imcomcentral.list.dodafc@mail.mil).
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army TARDEC contract no. W15QKN-14-9-1001. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.