

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XAV

(Call Sign)

0437-EX-CN-2020

(File Number)

NAME SRC Inc.,

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Syracuse, NY, within 60 km, centered around NL 43-07-55; WL 76-05-22
- (2) MOBILE: Max altitude 18,000 ft AGL, Kekaha, HI, within 60 km, centered around NL 22-07-50; WL 159-43-32
- (3) MOBILE: Max altitude 18,000 ft AGL, White Sands Missile Range, NM, within 60 km, centered around NL 33-47-01; WL 106-28-55

Frequency Information

MOBILE: Max altitude 18,000 ft AGL, White Sands Missile Range, NM, within 60 km, centered around NL 33-47-01; WL 106-28-55

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 433 MHz     | MO            | 170KF1D             | 53 W (ERP)       |                           |
| 902-928 MHz | MO            | 190KF9D<br>96K0F9D  | 1.46 W (ERP)     |                           |
| 902-928 MHz | MO            | 239KF9D             | 2 W (ERP)        |                           |

This authorization effective October 08, 2020 and  
will expire 3:00 A.M. EST October 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Max altitude 18,000 ft AGL, White Sands Missile Range, NM, within 60 km, centered around NL 33-47-01; WL 106-28-55

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2486-2494 MHz | MO            | 7M59F1D             | 41.6 W (ERP)     |                           |

## 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) Stop Buzzer: 315-452-8499 (Primary); 315-452-8114 (Secondary)
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 190 miles of the contours of the testing area: Location & Monitoring Service licensees (902-928 MHz)
- (5) Prior to commencing any operations in the 2483.5-2500 MHz frequency band, the applicant must notify the earth station licensees the test dates and provide a stop buzzer in case of interference.
- (6) The applicant shall coordinate with the local Society of Broadcast Engineers frequency coordinator and the Fixed Microwave Service licensee prior to operation in 2486-2490 MHz band.
- (7) During transmission, aircraft shall not exceed the altitude 18,000 ft AGL
- (8) SRC Inc. shall coordinate with the Area Frequency Coordinator located at White Sands Missile Range, New Mexico, prior to use in the state of New Mexico or other U.S. territory within a 240 kilometer radius of WSMR plus the area of Utah and Colorado that lies South of 41 North and between 108 and 111 West.
- (9) Operations must be scheduled as a WSMR range mission through the programs range sponsor. Final authority to radiate is contingent upon successful scheduling and de-confliction of both spectrum and airspace with other area operations.