

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WL2XOI

(Call Sign)

0083-EX-CN-2021

(File Number)

NAME Scientific Research Corporation

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: Huntsville, AL, within 1 km, centered around NL 34-46-33; WL 86-40-04

Frequency Information

MOBILE: Huntsville, AL, within 1 km, centered around NL 34-46-33; WL 86-40-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1880 MHz	MO	20M0N0E	4594 mW (ERP)	20 %
5.6-5.9 GHz	MO	20M0N0E	8.9 W (ERP)	20 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Scientific Research Corporation shall secure consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to the frequency band 1710-1780 MHz.

This authorization effective May 17, 2021 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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:
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)

- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Threat Systems Management Office, Contract Number W900KK-17-D-0010 TO 0009. 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.