

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

EXPERIMENTAL

(Nature of Service)

WE2XER

(Call Sign)

XC FX MO

(Class of Station)

0091-EX-PL-2007

(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(b) of the Commission's Rules

Station Locations

- (1) Townsend (MCINTOSH), GA - NL 31-33-24; WL 81-34-09; MOBILE:within 12 km, centered around NL 31-33-24; WL 81-34-09
- (2) Huntsville (MADISON), AL - NL 34-44-40; WL 86-40-19; MOBILE:within 5 km, centered around NL 34-44-40; WL 86-40-19

Frequency Information

Townsend (MCINTOSH), GA - NL 31-33-24; WL 81-34-09; MOBILE:within 12 km, centered around NL 31-33-24; WL 81-34-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2668-2680 MHz	FX	10M0G7D 9M38G7D	25.1 W (ERP)	
2668-2680 MHz	MO	8M36G7D	0.459 W (ERP)	

This authorization effective June 26, 2007 and
will expire 3:00 A.M. EST July 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntsville (MADISON), AL - NL 34-44-40; WL 86-40-19; MOBILE:within 5 km, centered around NL 34-44-40; WL 86-40-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2668-2680 MHz	FX	10M0G7D 9M38G7D	2.5 W (ERP)	
2668-2680 MHz	MO	8M36G7D	0.459 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Operation is subject to prior coordination with affected existing and future Broadcast Radio Service (BRS) and Educational Broadband Service (EBS) licensee(s).
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Army Aviation and Missile Command contract number W31P4Q-06-D-A004. 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.