

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

EXPERIMENTAL

(Nature of Service)

WM2XEF

(Call Sign)

XT MO

(Class of Station)

0828-EX-CN-2021

(File Number)

NAME Stony Brook University, School of Marine and Atmospheric Sciences

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, j) of the Commission's Rules

Station Locations

(1) MOBILE: Continental US.

Frequency Information

MOBILE: Continental US.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9250-9350 MHz	MO	4M70Q3N 7M10Q3N	953.4 kW (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) One transportable unit of an experimental weather radar, Raytheon model SKYLER-2 that is truck mounted, will be based in Stony Brook New York, but will travel for research purposes within the continental USA.

This authorization effective December 09, 2021 and
will expire 3:00 A.M. EST December 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**

