

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XRS

(Call Sign)

1888-EX-ST-2020

(File Number)

NAME ARTEMIS, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

SAR and GMTI radar operation for testing and demonstration of radar capabilities. SAR and GMTI from a stratospheric balloon is a relatively new technology.

Station Locations

- (1) MOBILE: Maximum Altitude 65,000 feet MSL, Huntsville, AL, within 463 km, centered around NL 34-43-34; WL 86-35-30
- (2) MOBILE: Maximum Altitude 65,000 feet MSL, Sulphur Springs, TX, within 463 km, centered around NL 33-08-20; WL 95-36-14

Frequency Information

MOBILE: Maximum Altitude 65,000 feet MSL, Huntsville, AL, within 463 km, centered around NL 34-43-34; WL 86-35-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9510 MHz	MO	600MM3N	24280 W (ERP)	0.002 %

This authorization effective February 15, 2021 and
will expire 3:00 A.M. EST August 16, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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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) ARETMIS Inc. should be aware that any interference to authorized users will subject the licensee to immediate shut down.