

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

EXPERIMENTAL

(Nature of Service)

WM9XAS

(Call Sign)

XT MO

(Class of Station)

0005-EX-ST-2018

(File Number)

NAME SRI International

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:

Testing an experimental S-band radar system on a high altitude balloon.

Station Locations

- (1) MOBILE: 40N-48N lat, 88W-98W long, 60,000 ft
- (2) MOBILE: 40N-48N lat, 88W-98W long, 60,000 ft
- (3) MOBILE: 42N-46N lat, 95W-97W long, 5,000 to 60,000 ft
- (4) MOBILE: 42N-46N lat, 95W-97W long, 5,000 to 60,000 ft

Frequency Information

MOBILE: 40N-48N lat, 88W-98W long, 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910-920 MHz	MO	10M0F3D	2 W (ERP)	0.00001 %
910-920 MHz	MO	10M0F3D	22 W (ERP)	0.00001 %

This authorization effective January 15, 2018 and
will expire 3:00 A.M. EST April 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 40N-48N lat, 88W-98W long, 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.94-2.9525 GHz	MO	12M5M3N	7500 W (ERP)	0.00001 %

MOBILE: 42N-46N lat, 95W-97W long, 5,000 to 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910-920 MHz	MO	10M0F3D	2 W (ERP)	0.00001 %
910-920 MHz	MO	10M0F3D	22 W (ERP)	0.00001 %

MOBILE: 42N-46N lat, 95W-97W long, 5,000 to 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.94-2.9525 GHz	MO	12M5M3N	7500 W (ERP)	0.00001 %