

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

EXPERIMENTAL

(Nature of Service)

WM9XAS

(Call Sign)

XT MO

(Class of Station)

1429-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: 33N-34N lat, 107W-108W long, 5000 to 60,000 ft
- (2) MOBILE: 33N-34N lat, 107W-108W long, 5,000 to 60,000 ft
- (3) MOBILE: 32N-35N lat, 105W-109W long, 60,000 ft
- (4) MOBILE: 32N-35N lat, 105W-109W long, 60,000 ft
- (5) MOBILE: 32N-35N lat, 105W-109W long, 60,000 ft
- (6) MOBILE: 32N-35N lat, 105W-109W long, 60000 ft
- (7) MOBILE: 33N-34N lat, 107W-108W long, 5000 to 60000 ft
- (8) MOBILE: 32N-35N lat, 105W-109W long, Mobile Ground station

Frequency Information

MOBILE: 33N-34N lat, 107W-108W long, 5000 to 60,000 ft

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

This authorization effective October 02, 2018 and
will expire 3:00 A.M. EST February 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 33N-34N lat, 107W-108W long, 5000 to 60,000 ft

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

MOBILE: 33N-34N lat, 107W-108W long, 5,000 to 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.93625-3.5 GHz	MO	200MM3N	7500 W (ERP)	0.00001 %

MOBILE: 32N-35N lat, 105W-109W 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 %

MOBILE: 32N-35N lat, 105W-109W long, 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.93625-3.5 GHz	MO	200MM3N	7500 W (ERP)	0.00001 %

Frequency Information

MOBILE: 32N-35N lat, 105W-109W long, 60,000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1616-1626.5 MHz	MO	10M5M7D	14 W (ERP)	0.00001 %

MOBILE: 32N-35N lat, 105W-109W long, 60000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.6 GHz	MO	45M0D2D	100 W (ERP)	0.00001 %
		45M0D2D		
		45M0D2D		

MOBILE: 33N-34N lat, 107W-108W long, 5000 to 60000 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.6 GHz	MO	45M0D2D	100 W (ERP)	0.00001 %
		45M0D2D		
		45M0D2D		

MOBILE: 32N-35N lat, 105W-109W long, Mobile Ground station

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.6 GHz	MO	45M0D2D	200 W (ERP)	0.00001 %
		45M0D2D		
		45M0D2D		

Special Conditions:

- (1) SRI International must schedule operations as a WSMR Range mission