

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

EXPERIMENTAL

(Nature of Service)

WR9XRC

(Call Sign)

XC MO

(Class of Station)

0532-EX-ST-2021

(File Number)

NAME Northrop Grumman Systems Corporation

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:

The purpose of the operation is to carry out a government contract to test and analyze applied microelectronics technology and algorithm solutions as part of a risk reduction demonstration of a

Station Locations

- (1) MOBILE: Max alt 24,000 ft MSL see Exhibit, centered around NL 39-19-31; WL 77-44-20

Frequency Information

MOBILE: Max alt 24,000 ft MSL see Exhibit, centered around NL 39-19-31; WL 77-44-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.39-7.61 GHz	MO	2M00P0N	15 mW (ERP)	
		50K0P0N		
		200MQ3N		

Special Conditions:

- (1) 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.

This authorization effective April 28, 2021 and
will expire 3:00 A.M. EST June 05, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Defense MicroElectronic Activity Contract Number HQ0727-16-D-0004. 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.