

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

EXPERIMENTAL

(Nature of Service)

WR9XHG

(Call Sign)

XC MO

(Class of Station)

1750-EX-ST-2020

(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 validate an S-band communications system.

Station Locations

(1) MOBILE: , within 3 km, centered around NL 33-53-36; WL 118-22-38

Frequency Information

MOBILE: , within 3 km, centered around NL 33-53-36; WL 118-22-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2240 MHz	MO	5M00D1D	284 W (ERP)	

Special Conditions:

- (1) Northrop Grumman Systems Corporation may operate on 2240 MHz ONLY, due to HIA to multiple federal agencies on the other requested frequencies.
- (2) Northrop Grumman Systems Corporation must coordinate with WAFC prior to operations. DOD Western Area Frequency Coordinator (WAFC), Jamie Heaton, M/S 3008 130 Easy Road, China Lake CA 93555, Code 52140MD, Comm: 760-939-6832, DSN: 437-6832.

This authorization effective December 07, 2020 and
will expire 3:00 A.M. EST May 31, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Northrop Grumman Systems Corporation operations shall be limited to ground testing only. Northrop Grumman Systems Corporation shall be aware that airborne operations using the requested effective radiated power levels will result in harmful interference to federal users.
- (4) Northrop Grumman Systems Corporation shall be aware that long term or operational use of the 2200-2290 MHz frequency band by Non-Federal stations is highly unlikely, and Northrop Grumman Systems Corporation shall have no expectation that future requests for operation or renewal of experimental licenses in this band will be approved.