

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WM2XBM

(Call Sign)

XC MO

(Class of Station)

0715-EX-CN-2021

(File Number)

NAME Northrop Grumman Systems Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

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)	
2260 MHz	MO	5M00D1D	284 W (ERP)	

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.
- (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 08, 2021 and
will expire 3:00 A.M. EST December 01, 2023

**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.
- (5) UPON NOTIFICATION FROM THE FCC, OPERATION ON THIS ASSIGNMENT IS SUBJECT TO IMMEDIATE CESSATION, IF IT CAUSES HARMFUL INTERFERENCE TO NASA OPS SPCE ASSIGNMENTS
- (6) Operation on 2210 MHz, 2220 MHz, and 2280 MHz is prohibited due to objection from federal agencies.
- (7) NON INTERFERENCE BASIS
- (8) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended condition