

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

EXPERIMENTAL

(Nature of Service)

WH2XKW

(Call Sign)

XT MO

(Class of Station)

0088-EX-CR-2016

(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(l) of the Commission's Rules

Station Locations

- (1) MOBILE: San Diego, CA: maximum altitude 5,000 feet AGL, within 322 km, centered around NL 33-01-11; WL 117-06-34

Frequency Information

MOBILE: San Diego, CA: maximum altitude 5,000 feet AGL, within 322 km, centered around NL 33-01-11; WL 117-06-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1675 MHz	MO	540KF1D	3 W (ERP)	
1680 MHz	MO	540KF1D	3 W (ERP)	
1690 MHz	MO	540KF1D	3 W (ERP)	
1720 MHz	MO	540KF1D	3 W (ERP)	

This authorization effective November 01, 2016 and
will expire 3:00 A.M. EST November 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Diego, CA: maximum altitude 5,000 feet AGL, within 322 km, centered around NL 33-01-11; WL 117-06-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1750 MHz	MO	540KF1D	3 W (ERP)	
2420 MHz	MO	540KF1D	3 W (ERP)	
2450 MHz	MO	540KF1D	3 W (ERP)	

Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.