

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

EXPERIMENTAL

(Nature of Service)

WL2XYK

(Call Sign)

XC FX MO

(Class of Station)

0326-EX-CN-2021

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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: Wallops Island, VA, within 50 km, centered around NL 37-52-54; WL 75-26-15
- (2) Wallops Island (ACCOMACK), VA - NL 37-52-54; WL 75-26-15

Frequency Information

MOBILE: Wallops Island, VA, within 50 km, centered around NL 37-52-54; WL 75-26-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	MO	20M0D1D 20M0G1D	6 W (ERP)	
1377 MHz	MO	20M0D1D 20M0G1D	6 W (ERP)	

This authorization effective August 23, 2021 and
will expire 3:00 A.M. EST September 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Wallops Island (ACCOMACK), VA - NL 37-52-54; WL 75-26-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	
1377 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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.
- (5) Stop Buzzer Point of Contact is Jim Ortega at (520) 794-0227.
- (6) All operations shall be coordinated with the NASA Wallops Flight Facility Spectrum Manager, Felipe Arroyo at 757-824-1623 or Felipe.Arroyo-1@nasa.gov, at least 3 days prior to operation.
- (7) Transmissions using a frequency of 1395 MHz shall be excluded from operation, as airborne emissions in the 1390-1400 MHz frequency band are prohibiting in accordance with Footnote US79 and all emissions in the 1400-1427 MHz band are prohibited in accordance with Footnote US246.
- (8) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number HQ 0727-18-F-1632. 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.