

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WJ2XKE

(Call Sign)

0497-EX-TC-2019

(File Number)

NAME Raytheon Company

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(j) of the Commission's Rules

Station Locations

(1) Pelham (HILLSBOROUGH), NH - NL 42-44-13; WL 71-21-16

Frequency Information

Pelham (HILLSBOROUGH), NH - NL 42-44-13; WL 71-21-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-10000 MHz	FX		149.4 MW (ERP)	
		21M0Q3N		
		27M0Q3N		
		424KP0N		
		6M36P0N		
		21M9Q1N		

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective January 23, 2020 and
will expire 3:00 A.M. EST May 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Raytheon Integrated Defense Systems must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Szelog at (760) 939-6948 prior to any operations to mitigate harmful interference to Navy and Marine Corps assignments. Raytheon Integrated Defense Systems must also comply with any and all restrictions that may be levied by WAFC.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.