

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WF2XVX

(Call Sign)

0478-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) Fullerton (ORANGE), CA - NL 33-52-54; WL 117-57-09

Frequency Information

Fullerton (ORANGE), CA - NL 33-52-54; WL 117-57-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-10000 MHz	FX	21M8Q3N	20480 W (ERP)	
		27M0Q3N		
		424KP0N		
		6M36P0N		
		21M9Q1N		

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) 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.

This authorization effective January 23, 2020 and
will expire 3:00 A.M. EST October 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Alan Moore at 714-686-3129.
- (5) The Department of the Navy (DON) concurs with the Prototype Radar Demonstration provided Raytheon obtain coordination from the Western Area Frequency Coordinator (760) 939-6948/1532 prior to the demonstration and agree to any scheduling conditions.
- (6) The Air Force concurs with the Demonstration provided Raytheon do the following:
Sector blanking for sector 240 to 250 degrees.