

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XDQ

(Call Sign)

0625-EX-CN-2020

(File Number)

NAME Ultra Electronics Ocean Systems Inc.

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) Braintree (NORFOLK), MA - NL 42-12-00; WL 71-01-50

Frequency Information

Braintree (NORFOLK), MA - NL 42-12-00; WL 71-01-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.75 GHz	FX	480MV1N	800 W (ERP)	
8.75 GHz	FX	480MV1N	30.7 MW (ERP)	
8.75 GHz	FX	480MV1N	2.4 MW (ERP)	
8.75 GHz	FX	480MV1N	9.7 MW (ERP)	

This authorization effective September 23, 2020 and
will expire 3:00 A.M. EST October 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Braintree (NORFOLK), MA - NL 42-12-00; WL 71-01-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.75 GHz	FX	480MV1N	1.2 MW (ERP)	
9.45 GHz	FX	15M0P0N 21M0P0N 43M0P0N 498MQ1N 500MQ1N 15M0Q1N 14M0P0N	4 MW (ERP)	
9.75 GHz	FX	480MV1N	7.7 MW (ERP)	
9.75 GHz	FX	480MV1N	2.4 MW (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to NASA125538-39, EXTRAD radar assignments.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Naval Sea System Command (NAVSEA), Contract Number N63394-19-C-0007. 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.