DS LAW PLLC, 1629 K St NW Ste 300, Washington, DC 20006,

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

EXPERIMENTAL	WL2XJC
(Nature of Service)	(Call Sign)
XT FX MO	0948-EX-CN-2020
(Class of Station)	(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(j) of the Commission's Rules

Station Locations

(1) Linthicum (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-41-11
(2) MOBILE: Max Altitude 41,000 feet MSL, Georgetown, DE, within 370 km, centered around NL 38-41-33; WL 75-21-43

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-41-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-36 GHz	FX		6.1 MW (ERP)	
		600MQ3N		
		800MQ3N		
		1G40Q3N		

MOBILE: Max Altitude 41,000 feet MSL, Georgetown, DE, within 370 km, centered around NL 38-41-33; WL 75-21-43

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		600MQ3N		
		800MQ3N		

This authorization effective February 08, 2021 and will expire 3:00 A.M. EST February 01, 2023

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Special Conditions:

(1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(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) During transmission, aircraft shall not exceed the maximum altitude of 41,000 feet MSL.

(4) All operations shall be coordinated with the NASA HIWRAP Radar POC Gerry Heymsfield at (301) 614-6369 or Gerald.M.Heymsfield@Nasa.gov, at least 7 days in advance of operation.

(5) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to NASA HIWRAP Radar operation assignments.