

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WM2XCL

(Call Sign)

0739-EX-CN-2021

(File Number)

NAME Raytheon Technologies

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) Portsmouth (NEWPORT), RI - NL 41-34-33; WL 71-16-54
- (2) Portsmouth (NEWPORT), RI - NL 41-34-33; WL 71-16-54

Frequency Information

Portsmouth (NEWPORT), RI - NL 41-34-33; WL 71-16-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	FX	7M60Q3N	569 kW (ERP)	0.001 %
		85M6Q3N		
		2M50Q3N		
		80M3Q3N		
		326MQ3N		

Portsmouth (NEWPORT), RI - NL 41-34-33; WL 71-16-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	FX	56M0G1D	38 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Portsmouth (NEWPORT), RI - NL 41-34-33; WL 71-16-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	FX	32M4D1D	38 W (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Patrick Powers at (978) 858-4164.