

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

EXPERIMENTAL

(Nature of Service)

WK2XII

(Call Sign)

XD FX MO

(Class of Station)

0518-EX-CN-2019

(File Number)

NAME Jarvinian AWS-3 LLC

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) Boston (SUFFOLK), MA - NL 42-21-36; WL 71-03-34; MOBILE: Boston, MA, within 3 km, centered around NL 42-21-36; WL 71-03-34
- (2) Waltham (MIDDLESEX), MA - NL 42-23-33; WL 71-15-59; MOBILE: Waltham, MA, within 3 km, centered around NL 42-23-33; WL 71-15-59
- (3) Orlando (ORANGE), FL - NL 28-32-28; WL 81-23-21; MOBILE: Orlando, FL, within 8 km, centered around NL 28-32-28; WL 81-23-21

Frequency Information

Boston (SUFFOLK), MA - NL 42-21-36; WL 71-03-34; MOBILE: Boston, MA, within 3 km, centered around NL 42-21-36; WL 7

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1700-1710 MHz	MO	10M0M7W	0.2 W (ERP)	
27500-28350 MHz	FX	100MM7W	794 W (ERP)	

This authorization effective July 22, 2019 and
will expire 3:00 A.M. EST August 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Waltham (MIDDLESEX), MA - NL 42-23-33; WL 71-15-59; MOBILE: Waltham, MA, within 3 km, centered around NL 42-23-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1700-1710 MHz	MO	10M0M7W	0.2 W (ERP)	
27500-28350 MHz	FX	100MM7W	794 W (ERP)	

Orlando (ORANGE), FL - NL 28-32-28; WL 81-23-21; MOBILE: Orlando, FL, within 8 km, centered around NL 28-32-28; WL 8

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1700-1710 MHz	MO	10M0M7W	0.2 W (ERP)	
27500-28350 MHz	FX	100MM7W	794 W (ERP)	

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) Coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR. Part 101.103(d) prior to operation in 27500-28350 MHz band.
- (6) The stop buzzer point of contact is John A. Dooley at (631) 682-2508, Email: john.dooley@jarvinian.com
- (7) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.