

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

EXPERIMENTAL

(Nature of Service)

WD2XZU

(Call Sign)

XC      FX MO

(Class of Station)

0590-EX-CR-2019

(File Number)

NAME L3Harris Technologies, 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) Eatontown, NJ - NL 40-27-00; WL 74-29-00; MOBILE: Ft. Monmouth, within 5 km

Frequency Information

Eatontown, NJ - NL 40-27-00; WL 74-29-00; MOBILE: Ft. Monmouth, within 5 km

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 890-896 MHz | MO            | 200KPXW             | 8 W (ERP)        | 2 %                       |
| 935-941 MHz | FX            | 200KPXW             | 160 W (ERP)      | 0.0005 %                  |

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective December 01, 2019 and  
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by CERDEC, US Army contract number W15P7T-05-C-P034. 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.
- (6) Operation on frequencies designated for commercial radio services such as Air-Ground (894-896 MHz), Specialized Mobile Radio (935-940 MHz), and Narrowband Personal Communications Services (940-941 MHz) requires consent of the commercial licensee(s) to avoid interference.