

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

EXPERIMENTAL  
(Nature of Service)

WK2XUI  
(Call Sign)

XD FX MO  
(Class of Station)

0162-EX-CN-2020  
(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(j) of the Commission's Rules

Station Locations

- (1) Clifton (PASSAIC), NJ - NL 40-49-34; WL 74-08-06; MOBILE: Clifton, NJ, within 20 km, centered around NL 40-49-34; WL 74-08-06

Frequency Information

Clifton (PASSAIC), NJ - NL 40-49-34; WL 74-08-06; MOBILE: Clifton, NJ, within 20 km, centered around NL 40-49-34; WL 74

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.75 MHz	FX	12K5F1D 12K5F1E 12K5G1D 12K5G1E 12K5G1D 12K5G1E 12K5G1D 12K5G1E	25 W (ERP)	0.0025 %
420-449.75 MHz	MO	12K5F1D 12K5F1E 12K5G1D	25 W (ERP)	0.0025 %

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

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.75 MHz	MO	12K5G1E 12K5G1D 12K5G1E 12K5G1D 12K5G1E	25 W (ERP)	0.0025 %
450.25-470 MHz	FX	25K0F1D 25K0F1E 50K0G1D 50K0G1E 1M20G1D 1M20G1E 3M60G1D 3M60G1E	25 W (ERP)	0.0025 %
450.25-470 MHz	MO	25K0F1D 25K0F1E 50K0G1D 50K0G1E 1M20G1D 1M20G1E 3M60G1D 3M60G1E	25 W (ERP)	0.0025 %

## Special Conditions:

- (1) In lieu of frequency tolerance, 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

**Special Conditions:**

- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at [https://www.sbe.org/sections/freq\\_local.php](https://www.sbe.org/sections/freq_local.php) to find the appropriate coordinator.
- (5) The licensee must obtain consent from the following within 50 miles of the contours of the testing area:
  - Paging Service licensees in 454 MHz/459 MHz
  - General Aviation Air-Ground Service in 454 MHz/459 MHz