

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

EXPERIMENTAL

(Nature of Service)

WL2XCK

(Call Sign)

XD MO

(Class of Station)

0543-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) MOBILE: Within the borders of Fort Gordon Army Base, GA, within 0.8 km, centered around NL 33-21-14; WL 82-16-01

Frequency Information

MOBILE: Within the borders of Fort Gordon Army Base, GA, within 0.8 km, centered around NL 33-21-14; WL 82-16-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-1990 MHz	MO	5M00W7D	2 W (ERP)	0.001 %
1930-1995 MHz	MO	5M00W7D	2 W (ERP)	0.001 %
1930.2-1989.8 MHz	MO	5M00W7D	2 W (ERP)	0.001 %
2110-2155 MHz	MO	5M00W7D	2 W (ERP)	0.001 %

This authorization effective June 30, 2020 and
will expire 3:00 A.M. EST February 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within the borders of Fort Gordon Army Base, GA, within 0.8 km, centered around NL 33-21-14; WL 82-16-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2200 MHz	MO	5M00W7D	2 W (ERP)	0.001 %

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) The licensee must obtain consent from the following within 50 miles of the contours of the testing area:
 - a) Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - b) 1910-1915 MHz/1990-1995 MHz Bands licensee (Sprint)
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.