

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XCR

(Call Sign)

0729-EX-CN-2018

(File Number)

NAME Harris Corp

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(k) of the Commission's Rules

Station Locations

- (1) MOBILE: Near federal, state, and local prison facilities, within 0.9 km, centered around NL 44-31-20; WL 71-08-11
- (2) MOBILE: Near federal, state, and local prison facilities, within 0.4 km, centered around NL 31-45-17; WL 95-49-22
- (3) MOBILE: Near federal, state, and local prison facilities, within 0.7 km, centered around NL 29-23-57; WL 95-29-24

Frequency Information

MOBILE: Near federal, state, and local prison facilities, within 0.9 km, centered around NL 44-31-20; WL 71-08-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

This authorization effective April 04, 2019 and
will expire 3:00 A.M. EST April 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Near federal, state, and local prison facilities, within 0.9 km, centered around NL 44-31-20; WL 71-08-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

MOBILE: Near federal, state, and local prison facilities, within 0.4 km, centered around NL 31-45-17; WL 95-49-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

Frequency Information

MOBILE: Near federal, state, and local prison facilities, within 0.7 km, centered around NL 29-23-57; WL 95-29-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

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) Prior to commencing any operations on the frequencies listed below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - AWS-1 licensees (1710-1755 MHz/2110-2155 MHz)
 - BRS/EBS licensees (2496-2690 MHz)