

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

EXPERIMENTAL

(Nature of Service)

WK2XQV

(Call Sign)

XT FX MO

(Class of Station)

0572-EX-CN-2019

(File Number)

NAME Harris Corporation

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(d & j) of the Commission's Rules

Station Locations

- (1) Hillsboro (TRAILL), ND - NL 47-10-53; WL 97-03-41; MOBILE: Max altitude 400 ft. AGL, within 17 km, centered around NL 47-10-53; WL 97-03-41
- (2) Buxton (TRAILL), ND - NL 47-35-50; WL 97-05-15; MOBILE: Max altitude 400 ft. AGL, within 16 km, centered around NL 47-35-50; WL 97-05-15
- (3) Gardner (TRAILL), ND - NL 47-10-53; WL 97-03-41; MOBILE: Max altitude 400 ft. AGL, within 16 km, centered around NL 47-10-53; WL 97-03-41

Frequency Information

Hillsboro (TRAILL), ND - NL 47-10-53; WL 97-03-41; MOBILE: Max altitude 400 ft. AGL, within 17 km, centered around NL 47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5041.3125 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5041.3125 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5041.3975 MHz	FX	85K0G2D	10 W (ERP)	0.01 %

This authorization effective March 05, 2020 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hillsboro (TRAILL), ND - NL 47-10-53; WL 97-03-41; MOBILE: Max altitude 400 ft. AGL, within 17 km, centered around NL 47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5041.3975 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5045.6125 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5045.6125 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5045.6975 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5045.6975 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5049.0525 MHz	FX	85K0G2D	2.5 W (ERP)	0.01 %
5049.0525 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5049.1375 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5049.1375 MHz	MO	85K0G2D	1 W (ERP)	0.01 %

Frequency Information

Buxton (TRAILL), ND - NL 47-35-50; WL 97-05-15; MOBILE: Max altitude 400 ft. AGL, within 16 km, centered around NL 47-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5041.3125 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5041.3125 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5041.3975 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5041.3975 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5045.6125 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5045.6125 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5045.6975 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5045.6975 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5049.0525 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5049.0525 MHz	MO	85K0G2D	1 W (ERP)	0.01 %

Frequency Information

Buxton (TRAILL), ND - NL 47-35-50; WL 97-05-15; MOBILE: Max altitude 400 ft. AGL, within 16 km, centered around NL 47-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5049.1375 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5049.1375 MHz	MO	85K0G2D	1 W (ERP)	0.01 %

Gardner (TRAILL), ND - NL 47-10-53; WL 97-03-41; MOBILE: Max altitude 400 ft. AGL, within 16 km, centered around NL 47-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5041.3125 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5041.3125 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5041.3975 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5041.3975 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5045.6125 MHz	FX	85K0G2D	2.5 W (ERP)	0.01 %
5045.6125 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5045.6975 MHz	FX	85K0G2D	10 W (ERP)	0.01 %

Frequency Information

Gardner (TRAILL), ND - NL 47-10-53; WL 97-03-41; MOBILE: Max altitude 400 ft. AGL, within 16 km, centered around NL 47-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5045.6975 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5049.0525 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5049.0525 MHz	MO	85K0G2D	1 W (ERP)	0.01 %
5049.1375 MHz	FX	85K0G2D	10 W (ERP)	0.01 %
5049.1375 MHz	MO	85K0G2D	1 W (ERP)	0.01 %

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.