

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

EXPERIMENTAL

(Nature of Service)

WF2XNW

(Call Sign)

XT FX MO

(Class of Station)

0339-EX-CR-2017

(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(j) of the Commission's Rules

Station Locations

- (1) Palm Bay (BREVARD), FL - NL 28-01-53; WL 80-35-52
- (2) Palm Bay (BREVARD), FL - NL 28-01-48; WL 80-36-09
- (3) Palm Bay (BREVARD), FL - NL 28-01-55; WL 80-36-09
- (4) Palm Bay (BREVARD), FL - NL 28-01-46; WL 80-35-51
- (5) Palm Bay (BREVARD), FL - NL 28-02-01; WL 80-35-59
- (6) MOBILE: Palm Bay, FL, within 65 km, centered around NL 28-01-53; WL 80-35-59

Frequency Information

Palm Bay (BREVARD), FL - NL 28-01-53; WL 80-35-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	FX	22M0G7W	79.4 W (ERP)	0.002 %
14.5-14.7145 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %
15.1365-15.35 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %

This authorization effective August 01, 2017 and
will expire 3:00 A.M. EST August 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Palm Bay (BREVARD), FL - NL 28-01-48; WL 80-36-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	FX	22M0G7W	79.4 W (ERP)	0.002 %
14.5-14.7145 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %
15.1365-15.35 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %

Palm Bay (BREVARD), FL - NL 28-01-55; WL 80-36-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	FX	22M0G7W	79.4 W (ERP)	0.002 %
14.5-14.7145 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %
15.1365-15.35 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %

Palm Bay (BREVARD), FL - NL 28-01-46; WL 80-35-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	FX	22M0G7W	79.4 W (ERP)	0.002 %

Frequency Information

Palm Bay (BREVARD), FL - NL 28-01-46; WL 80-35-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.5-14.7145 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %
15.1365-15.35 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %

Palm Bay (BREVARD), FL - NL 28-02-01; WL 80-35-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	FX	22M0G7W	79.4 W (ERP)	0.002 %
14.5-14.7145 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %
15.1365-15.35 GHz	FX	50M0D1W	112.2 W (ERP)	0.001 %

MOBILE: Palm Bay, FL, within 65 km, centered around NL 28-01-53; WL 80-35-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	22M0G7W	79.4 W (ERP)	0.002 %
14.7145-15.1365 GHz	MO	50M0D1W	112.2 W (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee must coordinate with all public safety licensees within 80 km prior to operation to avoid interference.