

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WM9XJD

(Call Sign)

XT FX MO

(Class of Station)

0527-EX-ST-2018

(File Number)

NAME Harris Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Critical testing, demonstration, and experiments in conjunction with the USAF

Station Locations

- (1) Rochester (MONROE), NY - NL 43-08-51; WL 77-33-27; MOBILE: , within 50 km, centered around NL 43-08-51; WL 77-33-27
- (2) Eglin AFB (OKALOOSA), FL - NL 30-27-48; WL 86-33-12; MOBILE: , within 50 km, centered around NL 30-27-48; WL 86-33-12
- (3) Holloman AFB (OTERO), NM - NL 32-50-37; WL 106-05-58; MOBILE: within 50 km
- (4) Yuma Proving Ground (LA PAZ), AZ - NL 32-52-00; WL 114-23-52; MOBILE: within 50 km
- (5) Englewood (ARAPAHOE), CO - NL 39-34-07; WL 104-50-41; MOBILE: within 50 km

Frequency Information

Rochester (MONROE), NY - NL 43-08-51; WL 77-33-27; MOBILE: , within 50 km, centered around NL 43-08-51; WL 77-33-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
287.6 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

This authorization effective April 11, 2018 and
will expire 3:00 A.M. EST October 11, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Rochester (MONROE), NY - NL 43-08-51; WL 77-33-27; MOBILE: , within 50 km, centered around NL 43-08-51; WL 77-33-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
287.6 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
339 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
339 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	MO	1M20D7D	50 W (ERP)	0.005 %

Eglin AFB (OKALOOSA), FL - NL 30-27-48; WL 86-33-12; MOBILE: , within 50 km, centered around NL 30-27-48; WL 86-33-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
287.6 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
287.6 MHz	MO	1M20D7D	50 W (ERP)	0.005 %

Frequency Information

Eglin AFB (OKALOOSA), FL - NL 30-27-48; WL 86-33-12; MOBILE: , within 50 km, centered around NL 30-27-48; WL 86-33-:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
339 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
339 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

Holloman AFB (OTERO), NM - NL 32-50-37; WL 106-05-58; MOBILE:within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
287.6 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
287.6 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
339 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

Frequency Information

Holloman AFB (OTERO), NM - NL 32-50-37; WL 106-05-58; MOBILE:within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
339 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

Yuma Proving Ground (LA PAZ), AZ - NL 32-52-00; WL 114-23-52; MOBILE:within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
287.6 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
287.6 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
339 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
339 MHz	MO	1M20D7D	50 W (ERP)	0.005 %

Frequency Information

Yuma Proving Ground (LA PAZ), AZ - NL 32-52-00; WL 114-23-52; MOBILE:within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
383.625 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

Englewood (ARAPAHOE), CO - NL 39-34-07; WL 104-50-41; MOBILE:within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
287.6 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
287.6 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
339 MHz	FX	1M20D7D	50 W (ERP)	0.005 %
339 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.625 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

Frequency Information

Englewood (ARAPAHOE), CO - NL 39-34-07; WL 104-50-41; MOBILE:within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
383.625 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	MO	1M20D7D	50 W (ERP)	0.005 %
383.8375 MHz	FX	1M20D7D	50 W (ERP)	0.005 %

Special Conditions:

- (1) Harris Corporation must adhere to the coordination provisions in the attachment entitled "Exhibit 1 Request for STA" prior to operations.