

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

EXPERIMENTAL

(Nature of Service)

WQ9XJF

(Call Sign)

XT FX

(Class of Station)

0554-EX-ST-2020

(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:

The STA will allow Harris to demonstrate transmission of a ground to space uplink from the Phase Array Antenna System (PAAS).

Station Locations

(1) Palm Bay (BREVARD), FL - NL 28-01-55; WL 80-35-54

Frequency Information

Palm Bay (BREVARD), FL - NL 28-01-55; WL 80-35-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2096.5 MHz	FX	3M00G7D	27.797 kW (ERP)	0.0006 %

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (2) All Harris Corporation operations are prohibited when the NASA International Space Station (ISS) (NORAD designation 25544 or international spacecraft ID 1998-067A) is within 5 degrees of the electrical boresight of the Phased Array Antenna System (PAAS) located at Palm Bay, Florida.

This authorization effective April 13, 2020 and
will expire 3:00 A.M. EST August 29, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**

