

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

W12XSR

(Call Sign)

1254-EX-ST-2019

(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:

Downlink from HSAT-1 to Punta Arenas, Chile; Arawua, New Zealand; and Hartebeesthoek, South Africa.

Station Locations

(1) MOBILE: Non-geostationary, Low Earth Orbit Space Station

Frequency Information

MOBILE: Non-geostationary, Low Earth Orbit Space Station

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2247 MHz	MO	2M00G1D	9.89 W (ERP)	0.002 %

Special Conditions:

- (1) Harris Corporation must adhere to the following:
- Coordinate with and provide STOP-BUZZER information to Naval Surface Warfare Center, Dahlgren Division (NSWCDD), Mr. James Moneyhon, (540)653-3477, or james.moneyhon@navy.mil.
 - The maximum extent possible, all emergency communications with the HSAT-1 satellite shall be coordinated with the NASA GSFC Spectrum Manager, Scott Galbraith at 301-286-5089 or vincent.s.galbraith@nasa.gov.

This authorization effective July 15, 2019 and
will expire 3:00 A.M. EST July 25, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**

