

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

EXPERIMENTAL

(Nature of Service)

WN9XEN

(Call Sign)

XT MO

(Class of Station)

0390-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:

Harris requests experimental STA to conduct end to end narrowband communications testing via the Omnispace F2 satellite

Station Locations

- (1) MOBILE: Rochester, NY, within 20 km, centered around NL 43-09-12; WL 77-34-00
- (2) MOBILE: Rochester, NY, within 20 km, centered around NL 43-09-12; WL 77-34-00
- (3) MOBILE: Stafford, VA, within 20 km, centered around NL 38-28-37; WL 77-26-00
- (4) MOBILE: Stafford, VA, within 20 km, centered around NL 38-28-37; WL 77-26-00
- (5) MOBILE: San Diego, CA, within 20 km, centered around NL 32-49-33; WL 117-07-56
- (6) MOBILE: San Diego, CA, within 20 km, centered around NL 32-49-33; WL 117-07-56
- (7) MOBILE: Fort Greely, AK, within 20 km, centered around NL 63-58-02; WL 145-42-33
- (8) MOBILE: Fort Greely, AK, within 20 km, centered around NL 63-58-02; WL 145-42-33
- (9) MOBILE: Elmendorf AFB, AK, within 20 km, centered around NL 61-15-06; WL 149-47-58
- (10) MOBILE: Elmendorf AFB, AK, within 20 km, centered around NL 61-15-06; WL 149-47-58

This authorization effective April 07, 2019 and
will expire 3:00 A.M. EST October 07, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Rochester, NY, within 20 km, centered around NL 43-09-12; WL 77-34-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	158 W (ERP)	0.005 %

MOBILE: Rochester, NY, within 20 km, centered around NL 43-09-12; WL 77-34-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	25 W (ERP)	0.005 %

MOBILE: Stafford, VA, within 20 km, centered around NL 38-28-37; WL 77-26-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	25 W (ERP)	0.005 %

MOBILE: Stafford, VA, within 20 km, centered around NL 38-28-37; WL 77-26-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	158 W (ERP)	0.005 %

Frequency Information

MOBILE: San Diego, CA, within 20 km, centered around NL 32-49-33; WL 117-07-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	25 W (ERP)	0.005 %

MOBILE: San Diego, CA, within 20 km, centered around NL 32-49-33; WL 117-07-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	158 W (ERP)	0.005 %

MOBILE: Fort Greely, AK, within 20 km, centered around NL 63-58-02; WL 145-42-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	25 W (ERP)	0.005 %

MOBILE: Fort Greely, AK, within 20 km, centered around NL 63-58-02; WL 145-42-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	158 W (ERP)	0.005 %

Frequency Information

MOBILE: Elmendorf AFB, AK, within 20 km, centered around NL 61-15-06; WL 149-47-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	25 W (ERP)	0.005 %

MOBILE: Elmendorf AFB, AK, within 20 km, centered around NL 61-15-06; WL 149-47-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1999.91-2000.11 MHz	MO	50K0G1D	158 W (ERP)	0.005 %

Special Conditions:

- (1) Harris Corporation must obtain consents from Advanced Wireless Service licensees and DISH Network prior to accessing the 1999.91-2000.11 MHz band.