

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

EXPERIMENTAL

(Nature of Service)

WO9XTG

(Call Sign)

XT MO

(Class of Station)

1113-EX-ST-2019

(File Number)

NAME Harris Corp

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:

Provide a mobile assessment service to Federal, State, and Local prison facilities to detect the presence of contraband phones.

Station Locations

- (1) MOBILE: Welch, WV: near federal prison facilities, within 0.5 km, centered around NL 37-28-13; WL 81-33-20
- (2) MOBILE: Big Spring, TX: near federal prison facilities, within 0.5 km, centered around NL 32-13-31; WL 101-30-39
- (3) MOBILE: Sheridan, OR: near federal prison facilities, within 0.5 km, centered around NL 45-05-03; WL 123-23-02
- (4) MOBILE: Leavenworth, KS: near federal prison facilities, within 0.5 km, centered around NL 39-19-49; WL 94-56-19

Frequency Information

MOBILE: Welch, WV: near federal prison facilities, within 0.5 km, centered around NL 37-28-13; WL 81-33-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

This authorization effective July 01, 2019 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Welch, WV: near federal prison facilities, within 0.5 km, centered around NL 37-28-13; WL 81-33-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

MOBILE: Big Spring, TX: near federal prison facilities, within 0.5 km, centered around NL 32-13-31; WL 101-30-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

Frequency Information

MOBILE: Sheridan, OR: near federal prison facilities, within 0.5 km, centered around NL 45-05-03; WL 123-23-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

MOBILE: Leavenworth, KS: near federal prison facilities, within 0.5 km, centered around NL 39-19-49; WL 94-56-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	20M0W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

Frequency Information

MOBILE: Leavenworth, KS: near federal prison facilities, within 0.5 km, centered around NL 39-19-49; WL 94-56-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	20M0W7D	4 W (ERP)	0.001 %

Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (5) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (6) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.