

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

EXPERIMENTAL

(Nature of Service)

WP9XJE

(Call Sign)

XT MO

(Class of Station)

1423-EX-ST-2019

(File Number)

NAME L3Harris Technologies, Inc.

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: Delano, CA: near federal prison facilities, within 0.5 km, centered around NL 35-45-58; WL 119-19-30

Frequency Information

MOBILE: Delano, CA: near federal prison facilities, within 0.5 km, centered around NL 35-45-58; WL 119-19-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
723-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
729-746 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
746-756 MHz	MO	5M00W7D	4 W (ERP)	0.001 %

This authorization effective October 01, 2019 and
will expire 3:00 A.M. EST February 06, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Delano, CA: near federal prison facilities, within 0.5 km, centered around NL 35-45-58; WL 119-19-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
859-894 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
869-894 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
1930-1990 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
1930-1995 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
2110-2155 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
2110-2200 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
2350-2360 MHz	MO	5M00W7D	4 W (ERP)	0.001 %
2620-2690 MHz	MO	5M00W7D	4 W (ERP)	0.001 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (3) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - 700 MHz Lower Band "E" block licensees (722-728 MHz)
 - 700 MHz Upper Band "C" block (746-757 MHz and 776-787 MHz) licensee (Verizon) and/or lessees
 - SMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - WCS (2305-2320 MHz/2345-2360 MHz) licensee (AT&T)
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Operations in the WCS bands (2305-2320 MHz and 2345-2360 MHz) must comply with the emission limits applicable to those bands. See 47 C.F.R. § 27.53(a).
- (6) Licensee shall secure consents from the Advance Wireless Service licensees prior to operation in 2110-2155 MHz and 2110-2200 MHz bands.
- (7) Licensee shall obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to operation in 2620-2690 MHz range.