

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WG9XTH

(Call Sign)

0579-EX-ST-2013

(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:

Demonstration of Long Term Evolution (LTE) in a remote environment surrounding Livermore, CA.

Station Locations

- (1) Livermore (ALAMEDA), CA - NL 37-49-05; WL 121-47-44
- (2) MOBILE: Volvon Trail, Livermore, CA 945511, within 1 km, centered around NL 37-49-05; WL 121-47-44

Frequency Information

Livermore (ALAMEDA), CA - NL 37-49-05; WL 121-47-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0D7W	200 W (ERP)	

This authorization effective August 02, 2013 and
will expire 3:00 A.M. EST August 22, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Volvon Trail, Livermore, CA 945511, within 1 km, centered around NL 37-49-05; WL 121-47-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0G7D 10M0W7D	200 mW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Request to operate in the 758-768 and 788-798 MHz bands was prior coordinated with First Responder Network Authority ("FirstNet").
- (3) Operation will be confined to a single site in Livermore, California. Harris would test one enodeB, two vehicular modems, and a small number of portable devices, all within a one-kilometer radius of the site.
- (4) Operation will occur no longer than 21 days from the date on which the FCC grants Harris an Experimental STA, allowing time during that period for setup and testing, demonstrations, and teardown.
- (5) Operation of the experimental STA will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. Operations will be confined to a one kilometer radius of a single base station.
- (6) This Experimental STA is non-renewable and any Experimental STA use of radio frequencies licensed to FirstNet beyond the 21-day period to which this application refers must be made by a separate request for such use by Harris.
- (7) Harris understands that an experimental license only permits shared use of the subject radio frequencies and that it may have to coordinate with other entities licensed for experimental purposes.