

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

EXPERIMENTAL

(Nature of Service)

WN9XBX

(Call Sign)

XT FX MO

(Class of Station)

1350-EX-ST-2018

(File Number)

NAME Intel 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 advances with new radio technologies. Authorization from the carrier to utilize their spectrum for these tests is granted, however the tests will not connect to the network.

Station Locations

- (1) Los Angeles (LOS ANGELES), CA - NL 34-03-44; WL 118-15-39
- (2) MOBILE: Los Angeles, CA. Indoors only, 7th floor, path less than 3 meters, centered around NL 34-03-44; WL 118-15-39
- (3) Los Angeles (LOS ANGELES), CA - NL 34-02-23; WL 118-16-15
- (4) MOBILE: Los Angeles, CA. Indoors only path less than 3 meters, centered around NL 34-02-23; WL 118-16-15

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 34-03-44; WL 118-15-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.0204-28.1204 GHz	FX	100MW7W	108.4 mW (ERP)	

This authorization effective September 05, 2018 and
will expire 3:00 A.M. EST September 16, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Licensee must avoid pointing the transmitting antenna main beam gain within 10 degrees of any point on the geostationary orbital arc while transmitting signals in the 28.0204-28.1204 GHz band.
- (6) Licensee shall ensure that the transmitting antenna(s) main beam gain tip down when possible and avoid pointing above the horizon to protect satellite stations.