

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WI2XFL

(Call Sign)

XD MO

(Class of Station)

0138-EX-PL-2016

(File Number)

NAME Intel Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: 225 meter radius from coordinates listed below, within 0.23 km, centered around NL 40-33-22; WL 74-25-44

Frequency Information

MOBILE: 225 meter radius from coordinates listed below, within 0.23 km, centered around NL 40-33-22; WL 74-25-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3800 MHz	MO		2512 mW (ERP)	
		300MW7W		
		400MW7W		
		500MW7W		
		600MW7W		
		700MW7W		
		800MW7W		
		100MW7W		
		200MW7W		
27.5-28.5 GHz	MO		2512 mW (ERP)	
		100MW7W		
		200MW7W		
		300MW7W		

This authorization effective March 14, 2016 and
will expire 3:00 A.M. EST March 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 225 meter radius from coordinates listed below, within 0.23 km, centered around NL 40-33-22; WL 74-25-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.5 GHz	MO	400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	2512 mW (ERP)	

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.
- (3) Prior to operation, experimental licensee must coordinate with Part 25 licensees authorized to operate in these frequency bands that are located within a 25 mile radius of the transmitter.
- (4) Maintain separation from the grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to commencing the first test operation.
- (5) Consult the ULS data base to ensure that the operations will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed areas prior to operation in 3400-4200 MHz band.
- (6) Coordinate with the Fixed Microwave Service licensees prior to operation in 27.5-28.5 GHz and 3400-4200 MHz bands.