

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

EXPERIMENTAL

(Nature of Service)

WK2XJV

(Call Sign)

XD MO

(Class of Station)

0338-EX-CM-2019

(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: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53
- (2) MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53
- (3) MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53
- (4) MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53
- (5) MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00
- (6) MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00
- (7) MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00
- (8) MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00

Frequency Information

MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.4-3.8 GHz	MO		609.5 mW (ERP)	
		20M0W7W		
		40M0W7W		
		60M0W7W		
		80M0W7W		
		100MW7W		
		200MW7W		
		400MW7W		

This authorization effective January 27, 2020 and
will expire 3:00 A.M. EST September 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	609.5 mW (ERP)	

MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.4-3.8 GHz	MO	20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	192.8 W (ERP)	

MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W	192.8 W (ERP)	

Frequency Information

MOBILE: Santa Clara, CA, within 0.8 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	400MW7W	192.8 W (ERP)	

MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.4-3.8 GHz	MO	20M0W7W	609.5 mW (ERP)	
		40M0W7W		
		60M0W7W		
		80M0W7W		
		100MW7W		
		200MW7W		
		400MW7W		

MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	20M0W7W	609.5 mW (ERP)	
		40M0W7W		
		60M0W7W		
		80M0W7W		
		100MW7W		
		200MW7W		
		400MW7W		

Frequency Information

MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.4-3.8 GHz	MO	20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	192.8 W (ERP)	

MOBILE: Jones Farm, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	192.8 W (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) 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.

Special Conditions:

- (5) Consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas prior to operation in this band.
- (6) Coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in 3700-3800 MHz band.
- (7) Operation is not permitted in 4.99-5.00 GHz band.