

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WJ2XEJ

(Call Sign)

0830-EX-CN-2017

(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 0.5 km, centered around NL 37-23-10; WL 121-57-53
- (2) MOBILE: Hillsboro, OR, within 0.4 km, centered around NL 45-32-35; WL 122-57-41
- (3) MOBILE: Hillsboro, OR, within 0.8 km, centered around NL 45-32-33; WL 122-58-00

Frequency Information

MOBILE: Santa Clara, CA, within 0.5 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-40 GHz	MO	100MW7W 200MW7W 300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	0.61 W (ERP)	0.1 %
37-40 GHz	MO	100MW7W 200MW7W	609.5 W (ERP)	0.1 %

This authorization effective November 16, 2017 and
will expire 3:00 A.M. EST December 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Santa Clara, CA, within 0.5 km, centered around NL 37-23-10; WL 121-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-40 GHz	MO	300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	609.5 W (ERP)	0.1 %

MOBILE: Hillsboro, OR, within 0.4 km, centered around NL 45-32-35; WL 122-57-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-40 GHz	MO	100MW7W 200MW7W 300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	609.5 W (ERP)	0.1 %
37-40 GHz	MO	100MW7W 200MW7W 300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	0.61 W (ERP)	0.1 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-40 GHz	MO	100MW7W 200MW7W 300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	609.5 W (ERP)	0.1 %
37-40 GHz	MO	100MW7W 200MW7W 300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W	0.61 W (ERP)	0.1 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (6) Stop buzzer point of contact is John Hammond at (503) 264-8726.