

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WH2XXL

(Call Sign)

0346-EX-CR-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: HILLSBORO, OR, within 0.25 km, centered around NL 45-32-35; WL 122-57-41
- (2) MOBILE: Within 400 meters of the coordinates., within 0.4 km, centered around NL 45-32-35; WL 122-57-41

Frequency Information

MOBILE: HILLSBORO, OR, within 0.25 km, centered around NL 45-32-35; WL 122-57-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3800-4200 MHz	MO	400MW7W	272.3 mW (ERP)	

MOBILE: Within 400 meters of the coordinates., within 0.4 km, centered around NL 45-32-35; WL 122-57-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-4200 MHz	MO	100MW7W 200MW7W 300MW7W	2512 mW (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within 400 meters of the coordinates., within 0.4 km, centered around NL 45-32-35; WL 122-57-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-4200 MHz	MO	500MW7W 600MW7W 700MW7W 800MW7W 400MW7W	2512 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) 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103 (d) prior to accessing to the proposed frequency bands.
- (6) Maintain separation from the grandfathered earth stations as defined in Part 90, subpart Z, or coordinate and agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (7) Consult the ULS database to ensure that the proposed 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 area prior to operation in the 3650-3700 MHz band.
- (8) Operation must be prior coordinated with incumbent licensees in Part 25 in the band 3400-4200 MHz within 25 miles of testing area.