

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WK2XUY

(Call Sign)

0088-EX-CM-2020

(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: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54
- (2) MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54
- (3) MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54
- (4) MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54
- (5) MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54
- (6) MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency Information

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.6 GHz	MO		15.3 W (ERP)	0.1 %
		10M0W7W		
		20M0W7W		
		40M0W7W		
		60M0W7W		
		80M0W7W		
		100MW7W		
		200MW7W		
		400MW7W		

This authorization effective August 20, 2020 and
will expire 3:00 A.M. EST April 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.6 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	609.5 mW (ERP)	0.1 %

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	15.3 W (ERP)	0.1 %

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 80M0W7W	609.5 mW (ERP)	0.1 %

Frequency Information

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.99 GHz	MO	100MW7W 200MW7W 400MW7W	609.5 mW (ERP)	0.1 %

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.4-3.8 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	342.8 mW (ERP)	0.1 %
4.4-4.99 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 100MW7W 80M0W7W 200MW7W 400MW7W	342.8 mW (ERP)	0.1 %

Frequency Information

MOBILE: Weston, FL, within 1 km, centered around NL 26-04-57; WL 80-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.4-3.8 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	38.5 W (ERP)	0.04 %
4.4-4.99 GHz	MO	10M0W7W 20M0W7W 40M0W7W 60M0W7W 80M0W7W 100MW7W 200MW7W 400MW7W	38.5 W (ERP)	0.04 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Intel Corporation shall maintain operation 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 operation in 3650-3700 MHz band.
- (5) Intel Corporation shall 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) Intel Corporation shall coordinate with affected Fixed Microwave Service licensees prior to operation in 3700-3800 MHz band.

Special Conditions:

- (7) Licensee shall be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.
- (8) Intel Corporation must coordinate its operations with one or more authorized Spectrum Access System (SAS) administrators to obtain channel assignments and avoid causing harmful interference to authorized users of the band, including General Authorized Access (GAA) users.
- (9) With respect to operations in 3700-3800 MHz band, Intel Corporation must avoid causing interference to existing Fixed Service operators and FSS earth stations in the band. For reference, a list of registered incumbent FSS earth stations in the band can be found at the following link:
<https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>