

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

EXPERIMENTAL

(Nature of Service)

WD2XQR

(Call Sign)

XE FX MO

(Class of Station)

0148-EX-RR-2011

(File Number)

NAME Intel Inc.

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(b) of the Commission's Rules

Station Locations

- (1) Hillsboro, OR - NL 45-33-53; WL 122-55-18
- (2) Hillsboro, OR - NL 45-33-53; WL 122-55-18
- (3) MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18
- (4) MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18

Frequency Information

Hillsboro, OR - NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400.00000000-3420.00000000 MHz	FX		6310.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		14M0W1D		
		20M0W1D		

This authorization effective June 01, 2011 and
will expire 3:00 A.M. EST June 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hillsboro, OR - NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3420.00000000-3440.00000000 MHz	FX		6310.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		14M0W1D		
		20M0W1D		
3500.00000000-3520.00000000 MHz	FX		6310.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		

Frequency Information

Hillsboro, OR - NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3520.00000000-3540.00000000 MHz	FX	1M75W1D 3M50W1D 14M0W1D 20M0W1D	6310.000000 mW (ERP)	

Hillsboro, OR - NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400.00000000-3420.00000000 MHz	FX	1M75W1D 3M50W1D 5M00W1D 5M50W1D 7M00W1D 10M0W1D 14M0W1D 20M0W1D	4467.000000 mW (ERP)	

3420.00000000-3440.00000000 MHz	FX	1M75W1D 1M75W1D 3M50W1D 5M00W1D 5M50W1D 7M00W1D 10M0W1D 14M0W1D 20M0W1D	4467.000000 mW (ERP)	
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3500.00000000-3520.00000000 MHz	FX	1M75W1D 3M50W1D	4467.000000 mW (ERP)	
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Frequency Information

Hillsboro, OR - NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500.00000000-3520.00000000 MHz	FX		4467.000000 mW (ERP)	
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
3520.00000000-3540.00000000 MHz	FX		4467.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		14M0W1D		
		20M0W1D		

MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400.00000000-3420.00000000 MHz	MO		1259.000000 mW (ERP)	
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		14M0W1D		

Frequency Information

MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400.00000000-3420.00000000 MHz	MO	20M0W1D	1259.000000 mW (ERP)	
3420.00000000-3440.00000000 MHz	MO	1M75W1D	1259.000000 mW (ERP)	
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		14M0W1D		
		20M0W1D		
3500.00000000-3520.00000000 MHz	MO		1259.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		

Frequency Information

MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500.00000000-3520.00000000 MHz	MO		1259.000000 mW (ERP)	
		7M00W1D		
		10M0W1D		
3520.00000000-3540.00000000 MHz	MO		1259.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		14M0W1D		
		20M0W1D		

MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400.00000000-3420.00000000 MHz	MO		7943.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		
		10M0W1D		
		14M0W1D		
3420.00000000-3440.00000000 MHz	MO		7943.000000 mW (ERP)	
		1M75W1D		
		3M50W1D		
		5M00W1D		
		5M50W1D		
		7M00W1D		

Frequency Information

MOBILE: Within 16.1 km of 2111 NE 25th Ave., Hillsboro, OR, within 16.1 km, centered around NL 45-33-53; WL 122-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3420.00000000-3440.00000000 MHz	MO	10M0W1D	7943.000000 mW (ERP)	
3500.00000000-3520.00000000 MHz	MO	1M75W1D 3M50W1D 5M00W1D 5M50W1D 7M00W1D 10M0W1D 14M0W1D 20M0W1D	7943.000000 mW (ERP)	
3520.00000000-3540.00000000 MHz	MO	1M75W1D 3M50W1D 5M00W1D 5M50W1D 7M00W1D 10M0W1D	7943.000000 mW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) No WiMax equipment in the band 3300-3650 MHz will be offered for US sales.
- (4) No equipment shall be developed in this band since it is a federal government band for radiolocation. Any development needs to be done in an approved FCC band. WiMax should not be developed in the band 3300-3650 MHz for US sales.
- (5) Intel needs to be aware of possible interference from high power government radars in the band 3300-3650 MHz.
- (6) This license is for equipment that is intended for export only.