

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC2XUG

(Call Sign)

0158-EX-RR-2005

(File Number)

NAME Cingular Wireless 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(i) of the Commission's Rules

Station Locations

- (1) Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15
- (2) Redmond (KING), WA - NL 47-39-58; WL 122-05-49; MOBILE: , within 8 km, centered around NL 47-39-58; WL 122-05-49
- (3) Kirkland (KING), WA - NL 47-39-59; WL 122-09-48; MOBILE: , within 8 km, centered around NL 47-39-59; WL 122-09-48
- (4) Woodinville (KING), WA - NL 47-43-22; WL 122-04-52; MOBILE: , within 8 km, centered around NL 47-43-22; WL 122-04-52
- (5) Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15
- (6) Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15
- (7) Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15
- (8) Redmond (KING), WA - NL 47-39-58; WL 122-05-49; MOBILE: , within 8 km, centered around NL 47-39-58; WL 122-05-49
- (9) Woodinville (KING), WA - NL 47-43-22; WL 122-04-52; MOBILE: , within 8 km, centered around NL 47-43-22; WL 122-04-52
- (10) New York City (NEW YORK), NY - NL 40-45-44; WL 73-58-55; MOBILE: Indoor experiment, limited to 100 meters from base station, within 0.1 km, centered around NL 40-45-44; WL 73-58-55

This authorization effective January 01, 2006 and
will expire 3:00 A.M. EST January 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Redmond (KING), WA - NL 47-39-58; WL 122-05-49; MOBILE: , within 8 km, centered around NL 47-39-58; WL 122-05-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	FX	30K0D7W	25 W (ERP)	0.05 %
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Kirkland (KING), WA - NL 47-39-59; WL 122-09-48; MOBILE: , within 8 km, centered around NL 47-39-59; WL 122-09-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Frequency Information

Kirkland (KING), WA - NL 47-39-59; WL 122-09-48; MOBILE: , within 8 km, centered around NL 47-39-59; WL 122-09-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Woodinville (KING), WA - NL 47-43-22; WL 122-04-52; MOBILE: , within 8 km, centered around NL 47-43-22; WL 122-04-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	FX	30K0D7W	25 W (ERP)	0.05 %
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Frequency Information

Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Redmond (KING), WA - NL 47-40-09; WL 122-07-15; MOBILE: , within 8 km, centered around NL 47-40-09; WL 122-07-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Frequency Information

Redmond (KING), WA - NL 47-39-58; WL 122-05-49; MOBILE: , within 8 km, centered around NL 47-39-58; WL 122-05-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

Woodinville (KING), WA - NL 47-43-22; WL 122-04-52; MOBILE: , within 8 km, centered around NL 47-43-22; WL 122-04-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1930 MHz	MO	30K0D7W	25 W (ERP)	0.05 %
2110-2115 MHz	FX	30K0D7W	25 W (ERP)	0.05 %

New York City (NEW YORK), NY - NL 40-45-44; WL 73-58-55; MOBILE: Indoor experiment, limited to 100 meters from base

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1925 MHz	MO	5M00G7W 5M00G1D	0.25 W (ERP)	0.05 %
1920-1925 MHz	MO	5M00G7W 5M00G1D	0.16 W (ERP)	0.05 %
2110-2115 MHz	FX	5M00G7W	0.1 mW (ERP)	0.05 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation in the 1910-1930 MHz band requires coordination with UTAM, Inc. pursuant to Section 15.307 of the Commission's Rules.
- (3) Operations must be prior coordinated with existing microwave licensees in accordance with 47 CFR, Part 101.103(d).