

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

EXPERIMENTAL  
(Nature of Service)

WB2XHJ  
(Call Sign)

XR      FX MO  
(Class of Station)

0048-EX-TC-2008  
(File Number)

NAME New Cingular Wireless PCS, LLC

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(c) of the Commission's Rules

Station Locations

- (1) Statewide, AL; MOBILE: State of Alabama
- (2) Statewide, FL; MOBILE: State of Florida
- (3) Statewide, GA; MOBILE: State of Georgia
- (4) Statewide, IN; MOBILE: State of Indiana
- (5) Statewide, KY; MOBILE: State of Kentucky
- (6) Statewide, LA; MOBILE: State of Louisiana
- (7) Statewide, MS; MOBILE: State of Mississippi
- (8) Statewide, NC; MOBILE: State of North Carolina
- (9) SC; MOBILE: State of South Carolina
- (10) TN; MOBILE: State of Tennessee
- (11) TX; MOBILE: State of Texas

Frequency Information

Statewide, AL; MOBILE: State of Alabama

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 824-849 MHz | MO            | 40K0F3E             | 7 W (ERP)        |                           |
|             |               | 40K0F3D             |                  |                           |
|             |               | 40K0F3E             |                  |                           |

This authorization effective December 22, 2008 and  
will expire 3:00 A.M. EST March 01, 2010

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Statewide, AL; MOBILE: State of Alabama

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 869-894 MHz   | FX            | 40K0F3E<br>40K0F3D<br>40K0F1D | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

Statewide, FL; MOBILE: State of Florida

| Frequency   | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz | MO            | 40K0F3D<br>40K0F3E<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz | FX            | 40K0F1D<br>40K0F3D<br>40K0F3E | 500 W (ERP)      |                           |

## Frequency Information

Statewide, FL; MOBILE: State of Florida

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1850-1910 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |

Statewide, GA; MOBILE: State of Georgia

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz   | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz   | FX            | 40K0F3E<br>40K0F3D<br>40K0F1D | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

## Frequency Information

Statewide, GA; MOBILE: State of Georgia

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1930-1990 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |

Statewide, IN; MOBILE: State of Indiana

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz   | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz   | FX            | 40K0F1D<br>40K0F3D<br>40K0F3E | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

## Frequency Information

Statewide, KY; MOBILE: State of Kentucky

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz   | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz   | FX            | 40K0F3E<br>40K0F3D<br>40K0F1D | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

Statewide, LA; MOBILE: State of Louisiana

| Frequency   | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz | FX            | 40K0F1D                       | 500 W (ERP)      |                           |

## Frequency Information

Statewide, LA; MOBILE: State of Louisiana

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 869-894 MHz   | FX            | 40K0F3D<br>40K0F3E  | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |

Statewide, MS; MOBILE: State of Mississippi

| Frequency   | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz | FX            | 40K0F3E<br>40K0F3D<br>40K0F1D | 500 W (ERP)      |                           |

## Frequency Information

Statewide, MS; MOBILE: State of Mississippi

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1850-1910 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |

Statewide, NC; MOBILE: State of North Carolina

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz   | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz   | FX            | 40K0F3D<br>40K0F3E<br>40K0F1D | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

## Frequency Information

Statewide, NC; MOBILE: State of North Carolina

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1930-1990 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |

SC; MOBILE: State of South Carolina

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz   | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz   | FX            | 40K0F3E<br>40K0F3D<br>40K0F1D | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

## Frequency Information

TN; MOBILE: State of Tennessee

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz   | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz   | FX            | 40K0F1D<br>40K0F3D<br>40K0F3E | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                           | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                           | 1 kW (ERP)       |                           |

TX; MOBILE: State of Texas

| Frequency   | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-------------------------------|------------------|---------------------------|
| 824-849 MHz | MO            | 40K0F3E<br>40K0F3D<br>40K0F3E | 7 W (ERP)        |                           |
| 869-894 MHz | FX            | 40K0F3E                       | 500 W (ERP)      |                           |

## Frequency Information

TX; MOBILE: State of Texas

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 869-894 MHz   | FX            | 40K0F3D<br>40K0F1D  | 500 W (ERP)      |                           |
| 1850-1910 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1850-1910 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |
| 1930-1990 MHz | MO            | XXX                 | 1.22 W (ERP)     |                           |
| 1930-1990 MHz | FX            | XXX                 | 1 kW (ERP)       |                           |

## Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Within 30 days of consummation of the transfer of control, the Applicants shall notify the Chief, Experimental Licensing Branch, of the date of the consummation. The effective date of this authorization is the later of December 22, 2008 or the date of consummation.