

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

EXPERIMENTAL

(Nature of Service)

KA2XBT

(Call Sign)

XD      FX MO

(Class of Station)

0008-EX-RR-2002

(File Number)

NAME BellSouth Personal Communications, 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. 5.202(i) of the Commission's Rules

Station Locations

- (1) AL; MOBILE:
- (2) FL; MOBILE:
- (3) GA; MOBILE:
- (4) KY; MOBILE:
- (5) LA; MOBILE:
- (6) MS; MOBILE:
- (7) NC; MOBILE:
- (8) SC; MOBILE:
- (9) TN; MOBILE:

Frequency Information

AL; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

This authorization effective March 01, 2002 and  
will expire 3:00 A.M. EST March 01, 2004

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

FL; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

GA; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

KY; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

## Frequency Information

LA; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

MS; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

NC; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

## Frequency Information

SC; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (ERP)      |                           |

TN; MOBILE:

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1865-1870 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1865-1870 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1885-1910 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | FX            | XXX                 | 100 W (ERP)      |                           |
| 1945-1950 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | MO            | XXX                 | 1.2 W (ERP)      |                           |
| 1965-1990 MHz | FX            | XXX                 | 100 W (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee is authorized to use various emissions and bandwidths during the experiment.
- (4) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (5) Bad contact info. - Kellye Abernathy at Cingular with different #