

**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)

0043-EX-TC-2004

(File Number)

NAME BellSouth Mobility 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) AL; MOBILE: State of Alabama
- (2) FL; MOBILE: State of Florida
- (3) GA; MOBILE: State of Georgia
- (4) IN; MOBILE: State of Indiana
- (5) KY; MOBILE: State of Kentucky
- (6) LA; MOBILE: State of Louisiana
- (7) MS; MOBILE: State of Mississippi
- (8) 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

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 October 26, 2004 and
will expire 3:00 A.M. EST March 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

AL; MOBILE: State of Alabama

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	FX	40K0F3E 40K0F3D 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)	

FL; MOBILE: State of Florida

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

Frequency Information

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)	

GA; MOBILE: State of Georgia

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

Frequency Information

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)	

IN; MOBILE: State of Indiana

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

KY; MOBILE: State of Kentucky

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

LA; MOBILE: State of Louisiana

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

Frequency Information

LA; MOBILE: State of Louisiana

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	FX	40K0F3D 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)	

MS; MOBILE: State of Mississippi

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

Frequency Information

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)	

NC; MOBILE: State of North Carolina

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

Frequency Information

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 40K0F3D 40K0F3E	7 W (ERP)	
869-894 MHz	FX	40K0F3E 40K0F3D 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 40K0F3D 40K0F3E	7 W (ERP)	
869-894 MHz	FX	40K0F1D 40K0F3D 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 40K0F3D 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 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.