

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

EXPERIMENTAL

(Nature of Service)

KM2XBI

(Call Sign)

XD FX MO

(Class of Station)

0099-EX-RR-2010

(File Number)

NAME AT&T Labs, 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(h, i) of the Commission's Rules

Station Locations

- (1) Continental United States; MOBILE: Continental United States (CONUS)
- (2) AUSTIN, TX - NL 30-23-28; WL 97-45-45; MOBILE: AUSTIN, TX, within 16 km, centered around NL 30-23-28; WL 97-45-45

Frequency Information

Continental United States; MOBILE: Continental United States (CONUS)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
47-49.6 MHz	FX	10M0D7W	1.5 kW (ERP)	
698-746 MHz	FX	10M0D7W	1.5 kW (ERP)	
747-762 MHz	MO	10M0D7W	100 W (ERP)	
777-792 MHz	MO	10M0D7W	100 W (ERP)	

This authorization effective May 01, 2010 and
will expire 3:00 A.M. EST May 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Continental United States; MOBILE: Continental United States (CONUS)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-894 MHz	MO	10M0D7W	100 W (ERP)	
824-894 MHz	FX	10M0D7W	1.5 kW (ERP)	
930-931 MHz	MO	10M0D7W	100 W (ERP)	
930-931 MHz	FX	10M0D7W	1.5 kW (ERP)	
940-952 MHz	MO	10M0D7W	100 W (ERP)	
940-952 MHz	FX	10M0D7W	1 kW (ERP)	
1670-1675 MHz	FX	10M0D7W	1 kW (ERP)	
1850-1910 MHz	MO	10M0D7W	100 W (ERP)	
1850-1910 MHz	FX	10M0D7W	1.5 kW (ERP)	
1930-1990 MHz	MO	10M0D7W	100 W (ERP)	

Frequency Information

Continental United States; MOBILE: Continental United States (CONUS)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-1990 MHz	FX	10M0D7W	1.5 kW (ERP)	
2110-2200 MHz	MO	10M0D7W	100 W (ERP)	
2110-2200 MHz	FX	10M0D7W	1.5 kW (ERP)	
2500-2690 MHz	MO	10M0D7W	100 W (ERP)	
2500-2690 MHz	FX	10M0D7W	1.5 kW (ERP)	
3700-4200 MHz	MO	10M0D7W	100 W (ERP)	
3700-4200 MHz	FX	10M0D7W	1.2 kW (ERP)	
5925-6425 MHz	MO	10M0D7W	100 W (ERP)	
5925-6425 MHz	FX	10M0D7W	1.2 kW (ERP)	
10700-11700 MHz	FX	10M0D7W	600 W (ERP)	

Frequency Information

Continental United States; MOBILE: Continental United States (CONUS)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10700-11700 MHz	MO	10M0D7W	100 W (ERP)	
27500-28350 MHz	MO	10M0D7W	100 W (ERP)	
27500-28350 MHz	FX	10M0D7W	1.5 kW (ERP)	
37000-40000 MHz	FX	3G00GXW	1 kW (ERP)	
37000-40000 MHz	MO	3G00GXW	100 W (ERP)	
40500-42400 MHz	MO	10M0D7W	100 W (ERP)	
40500-42400 MHz	FX	10M0D7W	1 kW (ERP)	

AUSTIN, TX - NL 30-23-28; WL 97-45-45; MOBILE: AUSTIN, TX, within 16 km, centered around NL 30-23-28; WL 97-45-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	MO	10M0D7W	25 W (ERP)	
2345-2360 MHz	FX	10M0D7W	25 W (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) Operation on frequencies licensed to commercial radio services such as PCS, cellular, SMR, EBS/BRS, etc. requires consent of licensee(s) to avoid interference. Operation on all other non-Government frequencies require prior frequency coordination to avoid interference.