



**AT&T Labs, Inc.**

February 4, 2008

Ms. Nancy Hey  
Experimental Licensing Branch  
Office of Engineering and Technology  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW - 7th Floor  
Washington, DC 20554

RE: Progress Report Number Thirty-two  
License holder: AT&T Labs, Inc. (formerly SBC Labs, Inc.)  
Call Sign: KM2XBI

Dear Ms. Hey:

In accordance with the FCC's Rules and Regulations Part 5, Section 5.204(b), we are hereby reporting on the use of the electromagnetic spectrum under the above experimental license issued to AT&T Labs (formerly SBC Laboratories, Inc).

Our usage under this license in 2007 has been as follows:

Transmission in Austin, Texas, to validate propagation and operational characteristics of two fixed wireless access systems. These systems were on during the year 2007 except during power outages or for equipment maintenance.

System 1: FDD; EIRP 53 dBm Base, 30 dBm CPE.

System 2: TDD; EIRP 46 dBm Base, 23 dBm CPE.

Transmitting Site Coordinates:


Base Location	North Latitude	West Longitude	Ground Elevation (feet MSL)	Antenna Height (feet AGL)
Arboretum	30.390997	97.752164	800	120
Jollyville	30.397450	97.750238	800	25

Transmitting Site Frequency and Directional Information:

System	Location	Azimuth (deg. True)	Freq. (MHz)	BW (MHz)	Downtilt (degrees)
1	Arboretum	12	2357.5	5	1
1	Jollyville	178	2312.5	5	0
2	Arboretum	12	2352.5	5	1
2	Jollyville	178	2352.5	5	0

For system 1, a test CPE was also placed inside a van and took measurements and tested operation at ranges up to 3 miles north, and up to 30 degrees to the east and west of the Arboretum base station site. CPEs for both systems were also placed at the Jollyville location for the same purposes of taking measurements and testing the system operation.

Please direct any inquiries to me at 512-372-5818.

Sincerely,  
  
David Wolter  
Executive Director, Wireless Networks  
AT&T Labs, Inc.  
(512) 372-5818