

**Microwave Path Data Sheet  
COMSEARCH**

19700 Janelia Farm Boulevard, Ashburn, VA, 20147  
(703)726-5653 [www.comsearch.com](http://www.comsearch.com)

PCN Date: 10/03/2005  
Job Number: 051003COMSDS02

New Path  
RCN Number: 05100316

**Administrative Information**

**ATLANTA 1 GA**  
City/County Atlanta/Fulton  
Status / License Basis PROPOSED / PRIMARY OPERATION  
Call Sign  
Licensee Code TURCOM  
Licensee Name Turner Broadcasting System, Inc.  
Radio Service / Station Class MG - Microwave Industrial/Business Pool

**ATLANTA 2 GA**

City/County Atlanta/Fulton  
Status / License Basis PROPOSED / PRIMARY OPERATION  
Call Sign  
Licensee Code TURCOM  
Licensee Name Turner Broadcasting System, Inc.  
Radio Service / Station Class FXO -- Fixed

**Site Information**

Latitude (NAD 83) 33 ° 47' 0.0" N  
Longitude (NAD 83) 84 ° 23' 43.0" W  
Ground Elevation (m/ft-AMSL) 278.10 / 912.4  
Antenna Structure Registration #  
Path Azimuth (°) 178.423  
Path Length (km / miles) 2.805 / 1.743

Latitude (NAD 83) 33 ° 45' 29.0" N  
Longitude (NAD 83) 84 ° 23' 40.0" W  
Ground Elevation (m/ft-AMSL) 316.00 / 1036.7  
Path Azimuth (°) 358.423

**Transmit Antenna**

0909EA  
Manufacturer ANDREW CORPORATION  
Model DB909E-U  
Gain (dBi) / Beamwidth (°) / Tilt (°) 11.0 / 7.00 / 0.76  
Centerline (m / ft - AGL) 10.67 / 35.0

0909EA  
Manufacturer ANDREW CORPORATION  
Model DB909E-U  
Gain (dBi) / Beamwidth (°) / Tilt (°) 11.0 / 7.00 / -0.78  
Centerline (m / ft - AGL) 10.67 / 35.0

**Receive Antenna**

Manufacturer  
Model  
Gain (dBi) / Beamwidth (°)  
Centerline (m / ft - AGL)

Same As Transmit

**Diversity Receive Antenna**

Manufacturer  
Model  
Gain (dBi) / Beamwidth (°)  
Centerline (m / ft - AGL)

**Radio Information**

Manufacturer ERICSSON  
Model RBS 3303  
Model Description 2100MHZ  
Emission Designator / Modulation 5M00G1W  
Loading 288 CH DIG 18500.000  
Stability (%) 0.001  
Power (dBm) Nominal Coordinated Maximum  
Received Level (dBm) -49.1  
EIRP (dBm) 48.0  
Fixed Loss: Tx / Common (dB) 0.0 / 0.0  
Free Space Loss (dB) 108.1

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Fixed Loss: Tx / Common (dB) 0.0 / 0.0

**Transmit Frequency Range (MHz)** 2110.0V- 2120.0V

2110.0V - 2120.0V

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703-726-5500  
703-726-5600



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**Supplemental Showing Pursuant To:**  
101.103 (d) Frequency Coordination Procedures

**Reference:**

Turner Broadcasting System, Inc.  
Job Number: 051003COMSDS02  
ATLANTA 1 - ATLANTA 2, GA.  
2.11 GHz DIGITAL MICROWAVE SYSTEM

Coordination data for the above referenced microwave route was forwarded to the existing licensees and applicants whose facilities could be affected on October 3, 2005.

The following carriers or their designated coordination agents were notified, and there are no unresolved interference objections.

**Licensees**

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ALLTEL Communications, Inc.  
BELLSOUTH TELECOMMUNICATIONS, INC.  
Bell Atlantic Mobile of Asheville Inc..  
Cellco Partnership - Alabama  
Cellco Partnership dba Verizon Wireless  
Corr Wireless Communications, LLC  
LUCENT TECHNOLOGY  
Metronet Communications  
New Cingular Wireless PCS LLC - AL, MS  
New York Newco Subsidiary, Inc.  
Public Service Cellular, Inc.  
Public Service Telephone Company  
Southwestco Wireless LP (Georgia 5)  
Tennessee RSA #3 Limited Partnership  
US Cellular Telephone Co-Grtr Knoxville  
Verizon Wireless (VAW) LLC (Georgia)  
Verizon Wireless Tennessee Partnership  
Verizon Wireless of The East LP  
WILKES TELEPHONE AND ELECTRIC CO

Respectfully Submitted,  
COMSEARCH

/s/ Dong Shin  
Engineer