

## **Before the Village of Nelsonville, NY - Comprehensive Radio Frequency Report**

In the Matter of:       The Application for Municipal Approvals submitted by New Cingular Wireless PCS, LLC ("AT&T") to construct a Wireless Telecommunications Facility consisting of antennas mounted on a proposed 110 foot monopine and associated equipment shelter within a proposed compound at grade on the property located at 15 Rockledge Road, Nelsonville, NY 10516.

I, **Daniel Penesso**, am an RF Engineer contracted by AT&T to design communications systems. I am trained to identify service gaps in AT&T's wireless communications network and to evaluate the ability of proposed public utility wireless communication facilities to remedy these service gaps. My responsibilities include identifying signal deficiencies and service coverage gaps in wireless communications systems and assessing the ability of proposed antenna sites to adequately fill those gaps in service. I am fully familiar with AT&T's wireless communications network in Putnam County.

### **INTRODUCTION**

This report is respectfully submitted on behalf of AT&T in connection with a proposal to install a replacement communication facility, including a 110 foot tall monopine tower with antennas and associated equipment within an equipment compound on property located at 15 Rockledge Road, Nelsonville, NY 10516 ("Site").

AT&T has maintained a wireless facility on the Butterfield Hospital pursuant to a lease agreement in order to provide wireless service to the Village of Nelsonville and the surrounding areas ("Hospital Facility"). The Hospital has ended its agreement with AT&T thereby requiring AT&T to stop using that location and remove the existing facility. The removal of AT&T equipment from the Hospital Facility will result in the loss of reliable wireless services for AT&T customers in this area. Relocating AT&T's facility from the Hospital Facility to the proposed 15 Rockledge Road Facility at a centerline height of 96 feet is essential to alleviate the loss of reliable wireless service and is therefore necessary to close a significant service gap.

AT&T is considered a public utility for zoning purposes in the State of New York and is licensed by the Federal Communications Commission ("FCC") to serve the public within Putnam County and throughout the United States. The FCC has licensed and authorized AT&T to construct and operate a network of wireless communications facilities in the State of New York. Pursuant to FCC regulations and its FCC license, AT&T seeks to expeditiously construct its network of wireless communications facilities in order to provide the public with substantially seamless coverage and to provide reliable wireless services within its licensed area. Copies of AT&T's FCC licenses are attached as **Exhibit 5**.

As enabled under its FCC Licenses, AT&T seeks to design its wireless network to provide reliable wireless services to its customers, whether those customers are on the street, in a vehicle, or in a building. Providing reliable service to its customers in each context is critical for AT&T to provide the quality of wireless services that customers demand, and to meet objectives of Congress that a robust, competitive and low cost wireless communications capacity be developed to serve the entire nation.

In order to operate its network and meet customer demand for voice and data services, AT&T must have a system of low power "cell sites" to serve portable wireless communication handsets and mobile devices. A typical facility, such as the one proposed, consists of antennas mounted to a building, tower, church or other structure. The antennas are connected to radio operating equipment housed at or near the structure. A number of factors determine the distance between the cell sites, including, but not limited to, topography, physical obstructions, foliage, antenna height, operating frequency and line-of-site.

AT&T's existing wireless network without the Hospital Facility is not adequate to properly serve its customers who live in and travel through portions of the Village of Nelsonville and the surrounding areas. AT&T is seeking to collocate on the proposed 15 Rockledge Road Facility to address this significant gap in service, particularly in the areas located near and around Route 301, and Route 9, and the surrounding local roads ("Target Area"). The gap in service is not limited to roads. Residences and businesses in and around these areas will experience this significant gap in service. In order to provide reliable wireless service in the Target Area of the Village of Nelsonville and surrounding communities, and thereby meet its FCC obligations and the demands of its customers, AT&T is seeking to collocate its antennas and equipment at a centerline height of 96 feet on the 15 Rockledge Road Facility.

### **PROJECT DESCRIPTION**

The 15 Rockledge Road Facility consists of antennas and equipment mounted on a proposed 110 foot monopine, and associated equipment within a proposed compound at grade on the Site, located at 15 Rockledge Road, Nelsonville, NY 10516. AT&T's equipment will include twelve (12) panel antennas mounted on the monopine at a centerline height of approximately 96 feet AGL (above ground level). This Report addresses AT&T's need for AT&T's equipment and validates that there are no other existing structures that AT&T could utilize to resolve the significant gap in service and achieve its coverage objectives for this area. Installing AT&T's equipment at 15 Rockledge Road and at the proposed antenna centerline height of 96 feet AGL is necessary for AT&T to address the existing gap in service and provide the needed interconnectivity to AT&T's neighboring sites and surrounding communities.

It is my professional opinion that the detailed RF analyses prepared as part of this Report demonstrates that installing AT&T's antennas and equipment at 96 feet on the 15 Rockledge Road Facility will allow AT&T to provide reliable wireless service in the Target Area, similar to that provided by AT&T's installation on the Hospital Facility and thus work in conjunction with AT&T's existing network.

### **THE PROPOSED HEIGHT AND LOCATION OF THE FACILITY IS NECESSARY**

AT&T needs an antenna centerline height of 96 feet at the Site to adequately address the significant gap in service in the Village and surrounding areas and to achieve its coverage objectives. Additional gaps begin to open up as the proposed height is decreased. Reducing the height also results in the loss of sufficient connectivity to existing hand-off sites. Collocating below the proposed 96 foot centerline height will significantly impact AT&T's ability to provide reliable services to local businesses and residential areas, as well as major State, County and local roads. Without collocating on the 15 Rockledge Road Facility at a centerline height of 96 feet, AT&T cannot provide reliable wireless service to its customers in the Target Area in the Village of Nelsonville and surrounding areas.

### **STATEMENT OF NON-INTERFERENCE**

AT&T operates its wireless network in compliance with its FCC license and FCC rules and regulations concerning radio frequency emissions and/or radio frequency interference ("RFI"). AT&T's equipment utilizes 700MHz and 1900MHz (and possibly 2300 MHz) frequency modulation and operates in the LTE and UMTS class of service. While AT&T cannot guarantee that the operation of our network will not cause harmful interference with other wireless users, the possibility of such interference, if any, is extremely remote. With regard to governmental users, this is especially true because of the significant differences in frequencies between our proposed installation and those frequencies used by local police, fire and EMS departments. In the unlikely event that interference does occur, AT&T agrees to abide by its existing policy of fully cooperating with the entity experiencing interference to identify and correct, to the extent reasonably possible, any issues caused by its installation and communicating with the entity experiencing interference within the legal parameters set forth under federal law.

### **COMPLIANCE WITH FEDERAL EMISSION STANDARDS**

In regard to power density analysis, AT&T has prepared an emissions report in order to determine the potential public exposure to Radio Frequency energy surrounding the District Facility and to ensure that it would conform to all Federal and State health and safety standards. Worst-case assumptions were used in order to provide a conservative analysis and to ensure that actual values would be lower than those determined therein.

## **A SIGNIFICANT GAP IN RELIABLE SERVICE EXISTS IN THE TOWN AND SURROUNDING AREAS**

AT&T has licenses to operate a network of wireless communications facilities in the State of New York. A significant gap in reliable wireless service exists in the Village of Nelsonville and neighboring communities as a result of the decommissioning of AT&T's facility at the Hospital Facility. A significant service gap is characterized as an area where a user of an AT&T device is unable to reliably transmit, receive or maintain a voice or data connection on AT&T's wireless network. The existence of a significant service gap can have serious consequences, especially during times of emergency or disaster.

The Target Area in this application includes the areas located near and along Route 301 for approximately 1.65 miles, Northeast from Route 9D to Lane Gate Road. It also includes areas along Route 9D for approximately 1.77 miles southeast from Route 301 to past Dick Castle Road; and other surrounding local roads and areas within the vicinity of the Site. In addition, AT&T collocating on the 15 Rockledge Road Facility will provide connectivity to AT&T's existing sites in the northeast, north, southeast and southwest. According to New York State Department of Transportation's Traffic Data viewer (see [www.dot.ny.gov/tdv](http://www.dot.ny.gov/tdv)), the annual average daily traffic (AADT) for the subject part of State Route 9D is estimated at 6,232 vehicle trips, and Route 301 is estimated at 5,372 vehicle trips.

In addition to covering the roadways mentioned above, the wireless communications industry has seen a strong migration in wireless telephony to non-vehicular use in commercial and residential neighborhoods, such as the ones surrounding the proposed Facility. We expect that residents, businesses and the numerous visitors to this area of the Village of Nelsonville will all benefit from the services provided by the Facility.

## **THE PROPOSED FACILITY WILL ADDRESS THE SIGNIFICANT GAP IN RELIABLE SERVICE**

The 15 Rockledge Road Facility installation will meet the primary objectives of AT&T's needs because it will provide UMTS 1900MHz and LTE 700MHz (and possibly 2300MHz in the future) wireless signal coverage and reliable services to a significant portion of one of AT&T's significant gaps in service coverage in the Village of Nelsonville and surrounding areas.

In order to evaluate a service gap in a particular area, AT&T performs signal propagation studies using Forsk Atoll software to determine the height and location of a facility that can properly eliminate the gap. When collocating on the 15 Rockledge Road Facility at the proposed Site was identified as a siting option, predictive tests were performed to determine whether the Site would provide sufficient signal coverage for reliable service. Forsk Atoll software is a predictive modeling tool. It identifies areas where sufficient coverage does and does not exist, by taking into consideration topography, vegetation, and other morphology, which may attenuate the radio signal.

AT&T determined based on the detailed scientific studies prepared as part of this radio frequency analysis that its collocation on the 15 Rockledge Road Facility will allow AT&T to address the significant gap in service and provide reliable service in the Target Area.

In order to understand why AT&T needs to collocate on the 15 Rockledge Road Facility, it is necessary to understand how AT&T's system works from an engineering standpoint. Each site proposed by AT&T, including its installation on the 15 Rockledge Road Facility, is intended to address network requirements for providing service and is designed based on the unique circumstances applicable to the area in question and AT&T's network. These circumstances include but are not limited to the area targeted to be served, the surrounding topography/morphology, types of buildings/structures in the area and numerous other factors. Due to these factors, and other physical obstructions that may block radio signals and due to the nature of radio waves, the each coverage area from each facility is irregularly shaped.

With sufficient signal strength from each facility, the AT&T user can reliably and seamlessly transmit, receive or maintain voice or data connections. AT&T examines these factors as they relate to each site and designs its system accordingly.

Based upon these tests, a propagation map illustrating AT&T's coverage without its equipment at the Hospital Facility is attached as **Exhibit 1**. As the propagation map in **Exhibit 1** clearly demonstrates, there is a significant gap in service in the portion of the Village in the vicinity of the Site and the surrounding areas without the Hospital Facility. Specifically the map shows that AT&T has a significant gap in coverage in the Target Area. A second propagation map illustrating AT&T's signal coverage in the Town with the 15 Rockledge Road Facility, as well as coverage from other AT&T sites, is attached as **Exhibit 2**. This map clearly demonstrates that the proposed Facility will provide substantial service coverage in the Target Area. In addition, **Exhibit 2** demonstrates that the 15 Rockledge Road Facility will provide the required connectivity between AT&T's existing sites to the northeast (0811), to the southeast (2441), and to the southwest (B400). Map 3 is attached as **Exhibit 3** and shows stand-alone coverage from AT&T's equipment at the 15 Rockledge Road Facility. The propagation maps show the locations in the Village of Nelsonville and neighboring municipalities where AT&T sites are providing coverage currently. A table listing existing sites which are providing coverage is provided as **Exhibit 4**.

Overall, AT&T collocating on the 15 Rockledge Road Facility alone, with antennas at a centerline height of 96 feet, on the Site will cover an additional 7.18 square miles (total area) of land area.

#### **SHARED USE OF EXISTING STRUCTURES OR SITES IS IMPRACTICAL**

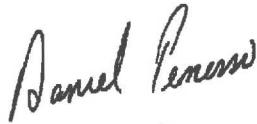
The AT&T project team investigated the Target Area of the Village and surrounding areas to identify existing tall structures within one mile of the Site. This investigation confirmed that there are no existing tower sites or tall structures within this one mile area that AT&T could utilize to resolve the significant gap in service.

That analysis indicates that the maximum level of Radio Frequency energy to which the public may be exposed due to the proposed Facility will be below all applicable health and safety limits, including but not limited to the FCC, ANSI, IEEE, NCRP and the State of New York.

### CONCLUSION

It is my professional opinion that: (1) A significant gap in service exists in the portion of the Target Area in the Village of Nelsonville and surrounding areas as a result of the decommissioning of its facility at the Hospital Facility; (2) Due to the topography and morphology of the Village and surrounding areas, the proposed Site and 15 Rockledge Road Facility represents the best available location for AT&T to collocate; and (3) The suitability of AT&T's collocation on the 15 Rockledge Road Facility on the Site has been confirmed by reliable computer modeling. It is my professional opinion that this comprehensive RF Report and associated analyses demonstrate that installing AT&T's antennas at a centerline height of 96 feet on the Site will allow AT&T to provide reliable wireless service in the Target Area and achieve its objectives.

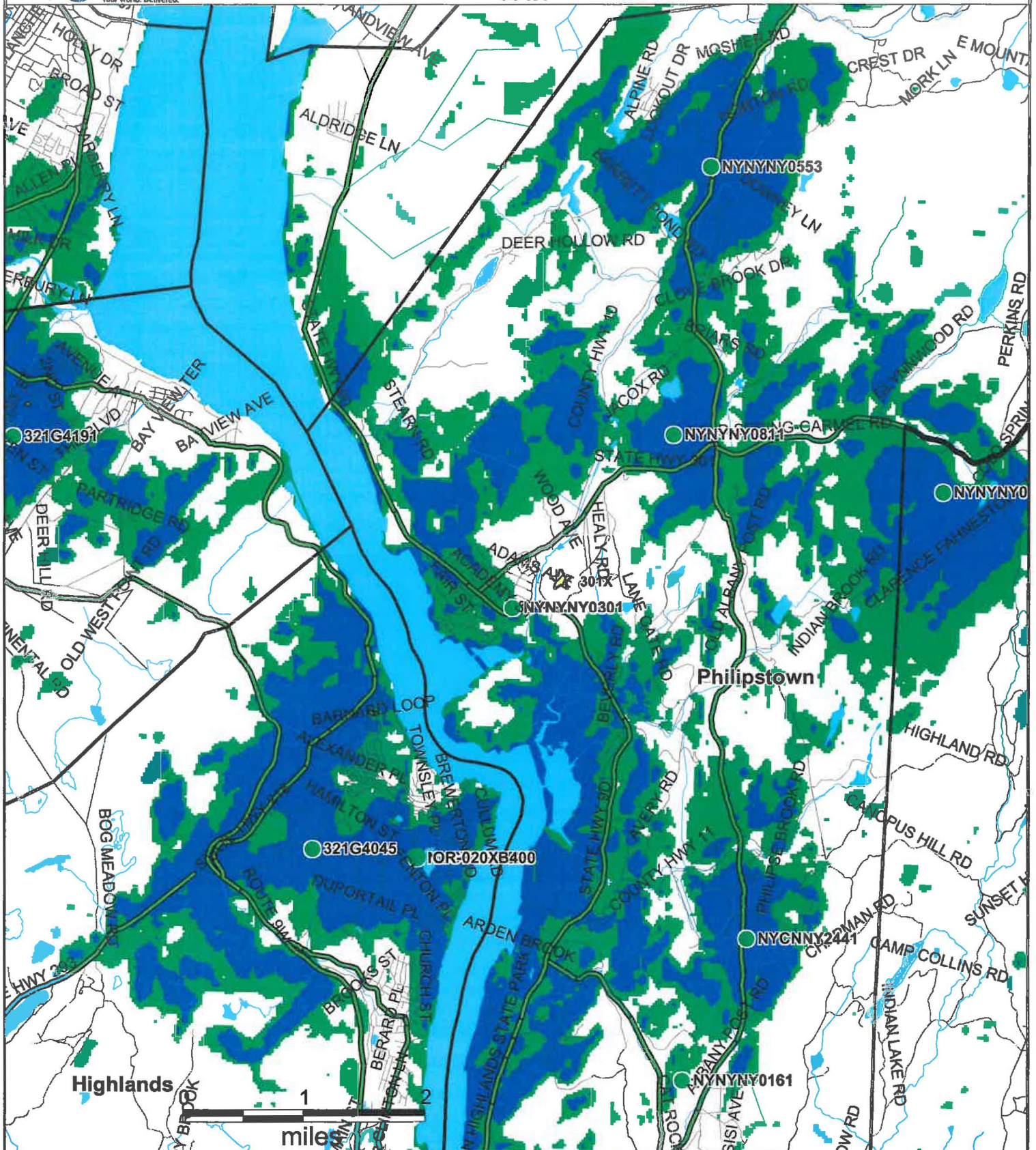
Therefore, it is respectfully requested that the Village grant AT&T's Application in order to allow AT&T to collocate the proposed Facility and to thereby comply with the mandates of its FCC license and otherwise conform to the FCC rules and regulations for wireless service providers.



Daniel Penesso

AT&T RF Engineer

June 9, 2017



**Map 1**  
AT&T Neighboring Site Coverage  
Without NNYNY0301 & 301X

Site Number: 301X  
Address: 15 Rockledge Road  
Cold Spring, NY 10516

State Rd  
Highway  
Municipal Border

**LTE RSRP**

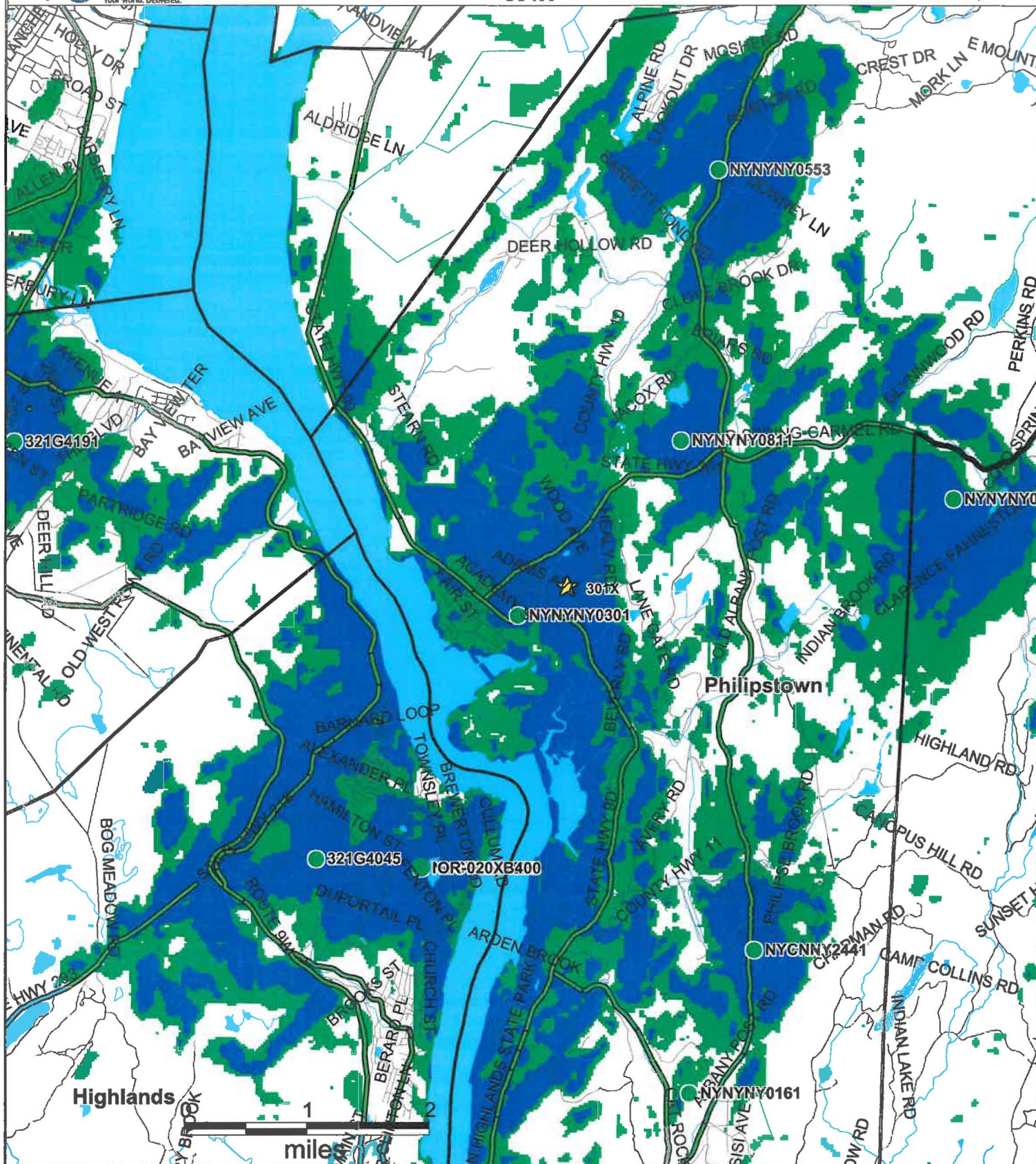
In-Building Coverage  
(-95dBm)  
In-Vehicle Coverage  
(-105dBm)

★ Proposed Site  
● Existing On Air Sites

Prepared By:  
Daniel Penesso  
RF Engineer for AT&T  
April 30, 2017



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**Map 2**  
**AT&T Proposed Composite Coverage**

**Site Number: 301X**  
**Address: 15 Rockledge Road**  
**Cold Spring, NY 10516**

— State Rd  
— Highway  
— Municipal Border

**LTE RSRP**

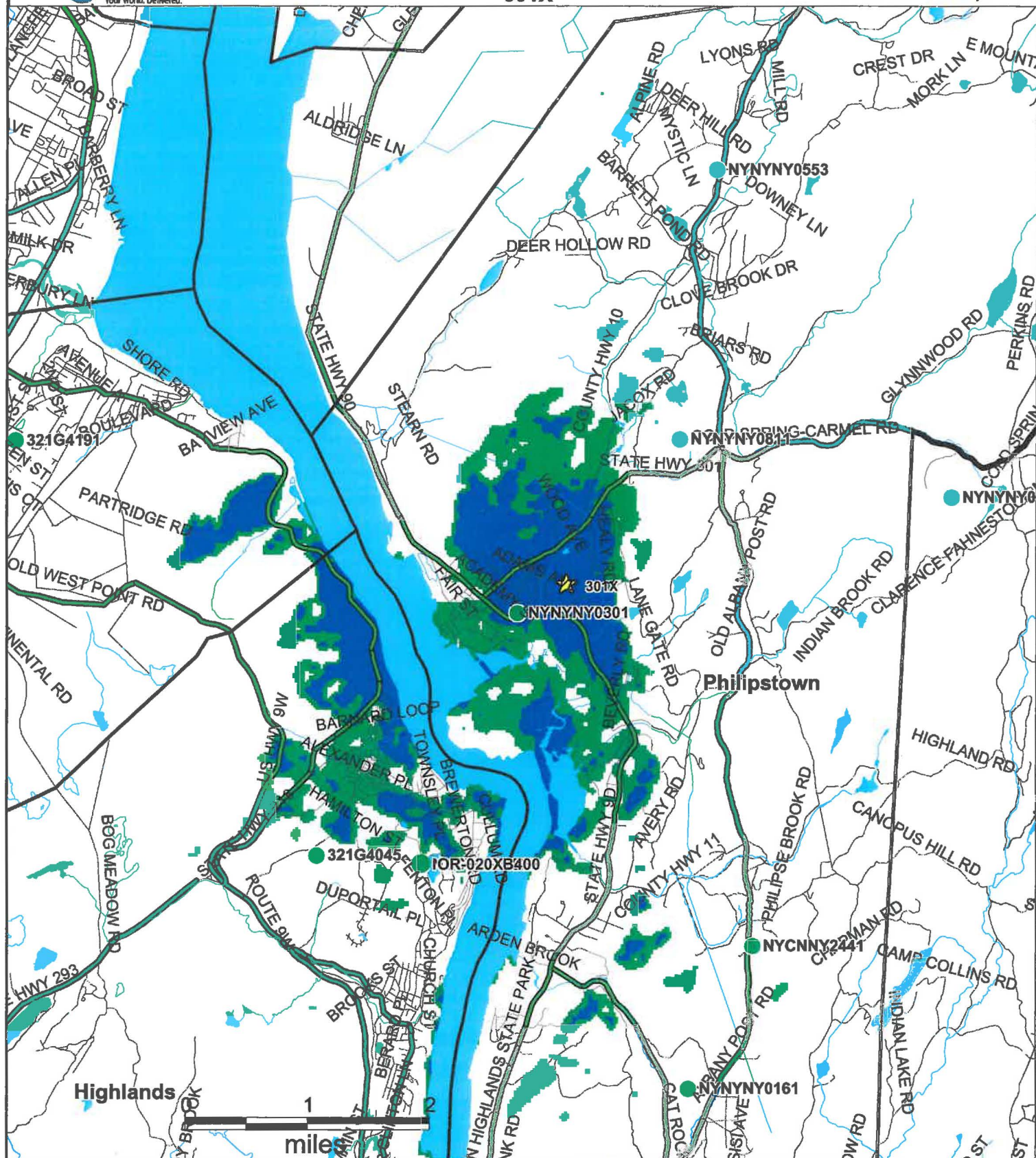
■ In-Building Coverage  
(-95dBm)  
■ In-Vehicle Coverage  
(-105dBm)

★ Proposed Site  
● Existing On Air Sites

**Prepared By:**  
**Daniel Penesso**  
**RF Engineer for AT&T**  
**April 30, 2017**



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**Map 3**  
**AT&T Proposed Site Coverage**

**Site Number: 301X**  
**Address: 15 Rockledge Road**  
**Cold Spring, NY 10516**

— State Rd  
— Highway  
— Municipal Border

**LTE RSRP**

■ In-Building Coverage  
(-95dBm)  
■ In-Vehicle Coverage  
(-105dBm)

★ Proposed Site  
● Existing On Air Sites

**Prepared By:**  
**Daniel Penesso**  
**RF Engineer for AT&T**  
**April 30, 2017**



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ULS License

**PCS Broadband License - WPSL626 - NEW CINGULAR WIRELESS PCS, LLC**

<b>PA This license has pending applications: 0007760446</b>			
Call Sign	WPSL626	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	MTA001 - New York	Channel Block	A
Submarket	25	Associated Frequencies (MHz)	001850.00000000- 001865.00000000 001930.00000000- 001945.00000000
<b>Dates</b>			
Grant	12/16/2014	Expiration	12/14/2024
Effective	02/28/2017	Cancellation	
<b>Buildout Deadlines</b>			
1st	12/14/1999	2nd	12/14/2004
<b>Notification Dates</b>			
1st	04/26/1999	2nd	04/01/1999
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b> NEW CINGULAR WIRELESS PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b> AT&T MOBILITY LLC Michael P Goggin 1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN FCC Group		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes
<b>Alien Ownership</b>			
The Applicant answered "No" to each of the Alien Ownership questions.			

**Basic Qualifications**

The Applicant answered "No" to each of the Basic Qualification questions.

**Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

**Demographics**

Race

Ethnicity

Gender

ULS License

# **PCS Broadband License - WPOL311 - NEW CINGULAR WIRELESS PCS, LLC**

<b>PA This license has pending applications: 0007720022</b>			
Call Sign	WPOL311	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	BTA321 - New York, NY	Channel Block	E
Submarket	2	Associated Frequencies (MHz)	001885.00000000- 001890.00000000 001965.00000000- 001970.00000000
<b>Dates</b>			
Grant	08/15/2007	Expiration	06/27/2017
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	06/27/2002	2nd	
<b>Notification Dates</b>			
1st	05/29/2002	2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b> NEW CINGULAR WIRELESS PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b> AT&T MOBILITY LLC Michael P Goggin 1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN FCC Group		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes
<b>Alien Ownership</b>			
The Applicant answered "No" to each of the Alien Ownership questions.			

<b>Basic Qualifications</b>			
The Applicant answered "No" to each of the Basic Qualification questions.			
<b>Tribal Land Bidding Credits</b>			
This license did not have tribal land bidding credits.			
<b>Demographics</b>			
Race			
Ethnicity		Gender	

ULS License

**PCS Broadband License - WQGG892 - NEW CINGULAR WIRELESS PCS, LLC**

Call Sign	WQGG892	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	MTA001 - New York	Channel Block	A
Submarket	14	Associated Frequencies (MHz)	001850.00000000- 001865.00000000 001930.00000000- 001945.00000000
<b>Dates</b>			
Grant	12/10/2014	Expiration	12/14/2024
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st		2nd	
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b>			
NEW CINGULAR WIRELESS PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
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<b>Ownership and Qualifications</b>			
Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes
<b>Alien Ownership</b> The Applicant answered "No" to each of the Alien Ownership questions.			
<b>Basic Qualifications</b> The Applicant answered "No" to each of the Basic Qualification questions.			

**Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

**Demographics**

Race

Ethnicity

Gender

ULS License

**700 MHz Lower Band (Blocks C, D) License - WPWU948 - New Cingular Wireless PCS, LLC**

Call Sign	WPWU948	Radio Service	WZ - 700 MHz Lower Band (Blocks C, D)
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	CMA001 - New York, NY-NJ/Nassau-Suffolk	Channel Block	C
Submarket	0	Associated Frequencies (MHz)	000710.00000000- 000716.00000000- 000740.00000000- 000746.00000000
<b>Dates</b>			
Grant	01/24/2003	Expiration	06/13/2019
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	06/13/2019	2nd	
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b>			
New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
AT&T Mobility LLC  1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Fixed, Mobile, Radio Location		
Regulatory Status	Common Carrier, Non-Common Carrier, Private Comm	Interconnected	Yes

**Alien Ownership**

The Applicant answered "No" to each of the Alien Ownership questions.

**Basic Qualifications**

The Applicant answered "No" to each of the Basic Qualification questions.

**Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

**Demographics**

Race

Ethnicity

Gender

ULS License

# **700 MHz Lower Band (Blocks A, B & E) License - WQJU424 - New Cingular Wireless PCS, LLC**

Call Sign	WQJU424	Radio Service	WY - 700 MHz Lower Band (Blocks A, B & E)
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	CMA001 - New York, NY-NJ/Nassau-Suffolk	Channel Block	B
Submarket	0	Associated Frequencies (MHz)	000704.00000000-000710.00000000-000734.00000000-000740.00000000
<b>Dates</b>			
Grant	01/06/2009	Expiration	06/13/2019
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	12/13/2016	2nd	06/13/2019
<b>Notification Dates</b>			
1st	11/27/2012	2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
AT&T Mobility LLC  1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes
<b>Alien Ownership</b> The Applicant answered "No" to each of the Alien Ownership questions.			

<b>Basic Qualifications</b>			
The Applicant answered "No" to each of the Basic Qualification questions.			
<b>Tribal Land Bidding Credits</b>			
This license did not have tribal land bidding credits.			
<b>Demographics</b>			
Race			
Ethnicity		Gender	

ULS License

**700 MHz Lower Band (Blocks C, D) License - WPZA235 - New Cingular Wireless PCS, LLC**

Call Sign	WPZA235	Radio Service	WZ - 700 MHz Lower Band (Blocks C, D)
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	EAG701 - Northeast	Channel Block	D
Submarket	0	Associated Frequencies (MHz)	000716.00000000-000722.00000000
<b>Dates</b>			
Grant	12/11/2003	Expiration	06/13/2019
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	06/13/2019	2nd	
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b> New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
AT&T Mobility LLC  1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Fixed, Mobile		
Regulatory Status	Common Carrier, Non-Common Carrier	Interconnected	No
<b>Alien Ownership</b> The Applicant answered "No" to each of the Alien Ownership questions.			
<b>Basic Qualifications</b> The Applicant answered "No" to each of the Basic Qualification questions.			

**Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

**Demographics**

Race

Ethnicity

Gender

ULS License

# **700 MHz Lower Band (Blocks A, B & E) License - WQIZ617 - New Cingular Wireless PCS, LLC**

<b>PA This license has pending applications: 0007701709</b>			
Call Sign	WQIZ617	Radio Service	WY - 700 MHz Lower Band (Blocks A, B & E)
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	BEA010 - New York-North New Jersey-Long Island, NY-NJ-CT-PA-MA-VT	Channel Block	E
Submarket	0	Associated Frequencies (MHz)	000722.00000000-000728.00000000
<b>Dates</b>			
Grant	06/26/2008	Expiration	03/07/2021
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	03/07/2017	2nd	03/07/2021
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b> New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
AT&T Mobility LLC  1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Fixed, Mobile		
Regulatory Status	Common Carrier, Non-Common Carrier, Private Comm	Interconnected	No

<b>Alien Ownership</b>			
The Applicant answered "No" to each of the Alien Ownership questions.			
<b>Basic Qualifications</b>			
The Applicant answered "No" to each of the Basic Qualification questions.			
<b>Tribal Land Bidding Credits</b>			
This license did not have tribal land bidding credits.			
<b>Demographics</b>			
Race			
Ethnicity		Gender	

ULS License

# **Wireless Communications Service License - KNLB297 - New Cingular Wireless PCS, LLC**

Call Sign	KNLB297	Radio Service	WS - Wireless Communications Service
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	REA001 - Northeast	Channel Block	D
Submarket	0	Associated Frequencies (MHz)	002345.00000000-002350.00000000
<b>Dates</b>			
Grant	09/27/2010	Expiration	07/21/2017
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st		2nd	09/13/2021
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
AT&T Mobility LLC  1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type	Fixed, Mobile		
Regulatory Status	Common Carrier, Non-Common Carrier	Interconnected	Yes
<b>Alien Ownership</b> The Applicant answered "No" to each of the Alien Ownership questions.			
<b>Basic Qualifications</b> The Applicant answered "No" to each of the Basic Qualification questions.			

**Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

**Demographics**

Race	
Ethnicity	Gender

ULS License

# **Wireless Communications Service License - WPQL636 - New Cingular Wireless PCS, LLC**

Call Sign	WPQL636	Radio Service	WS - Wireless Communications Service
Status	Active	Auth Type	Regular
Market			
Market	REA001 - Northeast	Channel Block	C
Submarket	6	Associated Frequencies (MHz)	002315.00000000-002320.00000000
Dates			
Grant	09/27/2010	Expiration	07/21/2017
Effective	09/20/2016	Cancellation	
Buildout Deadlines			
1st		2nd	09/13/2021
Notification Dates			
1st		2nd	
Licensee			
FRN	0003291192	Type	Limited Liability Company
New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
Contact			
AT&T Mobility LLC  1120 20th Street, NW, Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
Ownership and Qualifications			
Radio Service Type			
Regulatory Status	Interconnected		

Uls License

# Wireless Communications Service License - KNLB312 - New Cingular Wireless PCS, LLC

<b>PA</b> This license has pending applications: 0007704052			
Call Sign	KNLB312	Radio Service	WS - Wireless Communications Service
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	MEA002 - New York City	Channel Block	A
Submarket	0	Associated Frequencies (MHz)	002305.00000000- 002310.00000000- 002350.00000000- 002355.00000000
<b>Dates</b>			
Grant	09/27/2010	Expiration	07/21/2017
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	03/13/2017	2nd	09/13/2019
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b> New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
<b>AT&amp;T Mobility LLC</b>  1120 20th Street, NW, Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type			
Regulatory Status	Interconnected		
<b>Alien Ownership</b>			
The Applicant answered "No" to each of the Alien Ownership questions.			

**Basic Qualifications**

The Applicant answered "No" to each of the Basic Qualification questions.

**Tribal Land Bidding Credits**

This license did not have tribal land bidding credits.

**Demographics**

Race

Ethnicity

Gender

ULS License

# **Wireless Communications Service License - KNLB204 - New Cingular Wireless PCS, LLC**

<b>PA</b> This license has pending applications: 0007704058			
Call Sign	KNLB204	Radio Service	WS - Wireless Communications Service
Status	Active	Auth Type	Regular
<b>Market</b>			
Market	MEA002 - New York City	Channel Block	B
Submarket	0	Associated Frequencies (MHz)	002310.00000000- 002315.00000000- 002355.00000000- 002360.00000000
<b>Dates</b>			
Grant	09/27/2010	Expiration	07/21/2017
Effective	09/20/2016	Cancellation	
<b>Buildout Deadlines</b>			
1st	03/13/2017	2nd	09/13/2019
<b>Notification Dates</b>			
1st		2nd	
<b>Licensee</b>			
FRN	0003291192	Type	Limited Liability Company
<b>Licensee</b>			
New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Leslie A. Wilson		P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com	
<b>Contact</b>			
AT&T Mobility LLC  1120 20th Street, NW, Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin		P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com	
<b>Ownership and Qualifications</b>			
Radio Service Type			
Regulatory Status	Interconnected		
<b>Alien Ownership</b>			
The Applicant answered "No" to each of the Alien Ownership questions.			

<b>Basic Qualifications</b>			
The Applicant answered "No" to each of the Basic Qualification questions.			
<b>Tribal Land Bidding Credits</b>			
This license did not have tribal land bidding credits.			
<b>Demographics</b>			
Race			
Ethnicity		Gender	