

AFFIDAVIT

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, this day personally Jamal Williams, who being by me first duly sworn, on oath says as follows:

1. "My name is Jamal Williams. I am over the age of 18 and have never been convicted of a felony or crime involving moral turpitude. I have a BS Electronics Engineering degree. I have been working as a radio frequency specialist since 2012. I have personal knowledge of the facts and statements contained herein."
2. "I am an RF Design Engineer for New Cingular Wireless PCS, LLC ("ATT") in the Dallas-Fort Worth Market. As a radio frequency specialist, I am trained to identify gaps in coverage in wireless communications systems and to assess the ability of proposed antenna sites to remedy gaps in signal coverage."
3. "ATT is authorized by the Federal Communications Commission to build a wireless communications system that will provide reliable coverage within the City of Dallas."
4. "ATT has conducted radio frequency studies of the area surrounding the wireless communications facility site located at 5619 Belmont Avenue, Dallas, Texas, 75206 (the "Proposed Site"). ATT currently has antennas on the roof of a building at the Proposed Site ("Existing Antennas"), however, the owner of the property plans to demolish the existing building. Attached to this affidavit and incorporated herein by reference as Exhibits A, B, C and D are propagation studies depicting simulated radio frequency coverage in the area of the Proposed Site before (Exhibits A (aerial) and C) and after the removal of Existing Antennas (Exhibits B (aerial) and D)."
5. "ATT would have a significant gap in reliable coverage in the City of Dallas if the Existing Antennas are removed and not replaced. A gap in coverage is evidenced by the inability to adequately transmit or receive calls, or by interrupted or disconnected calls."
6. "The significant gap in reliable coverage that would be created in the City of Dallas if current coverage is not replaced, as shown in Exhibit B, would prevent ATT from providing seamless wireless service to current and future public and private users of its wireless communication system including police, fire, ambulance and emergency response personnel."
7. "Since wireless communication is used with increasing frequency to report crimes, accidents, fires, medical emergencies and other threats to people or property, a gap in coverage represents a demonstrable threat to public health, safety and welfare."

8. "Exhibits A and C are true and accurate simulations of existing radio frequency coverage in the area of the Proposed Site and show the location of ATT's existing sites in and around the City of Dallas. Exhibits B and D are true and accurate simulations of radio frequency coverage in the area of the Proposed Site after removal of the Existing Antennas, that indicate varying degrees of less than optimum coverage in the general vicinity of the Proposed Site, including, without limitation, projected significant gaps in coverage. In real world terms, the colors indicate the following:

White= No coverage

Blues= Poor coverage

Yellow and Green = Good coverage inside vehicles & marginal coverage inside buildings

Reds = Good coverage inside buildings

Upon removal of the Existing Antennas, ATT proposes to install a temporary tower at the northeast corner of the Proposed Site in order to continue to provide approximately the same level of coverage as the current level of coverage shown in Exhibit A. After construction of the new buildings at the Proposed Site, ATT intends to mount antennas on one or more of the new buildings and remove the temporary tower at the Proposed Site. Approximately equivalent coverage to what is provided by the Existing Antennas as shown in Exhibits A (aerial) and C could be provided at the Proposed Site by antennas at 85' on a 90' standard monopole (with the highest point being 100' at the tip of a 10' lightning rod). The Proposed Tower is higher than necessary for ATT's antennas alone (and the signal from those antennas would be retarded so as not to interfere with neighboring ATT sites) because the Proposed Tower is intended to provide replacement coverage for three carriers and the tower height takes into account the co-location needs of T-Mobile and Verizon Wireless, who also currently have rooftop mounted antennas at the Proposed Site. This evidence conclusively demonstrates ATT's need for the Proposed Tower."

9. "Natural and man-made features such as large buildings, hills, trees, and ridge lines all affect the way a signal travels, and can distort or obstruct radio signals. Radio signals will either bounce off, bounce back or be absorbed by these obstructions. These constraints severely limit the suitability of sites for purposes of remedying a gap in signal coverage."
10. "The Proposed Tower takes into account the foregoing topographic constraints and, following removal of the Existing Antennas and construction and activation of the Proposed Tower, ATT's coverage and capacity needs in the immediate area of the Proposed Site will be substantially satisfied and coverage will be back to approximately the same level as the existing coverage shown in Exhibit A."
11. "We have performed an FCC Antenna Structure Registrations Search for a one mile radius around the coordinates of the Proposed Site. The results of this search are attached and incorporated herein by reference as Exhibit E. There were three towers within the search radius, however one tower has been terminated and is therefore not available, and

the other two towers are too far away to meet the coverage objective. This additional evidence further demonstrates the need for the Proposed Tower.”

12. “The Proposed Tower will provide needed coverage into the surrounding commercial and residential developments within 0.6 miles around the Proposed Site upon removal of the Existing Antennas.”
13. “Upon removal of the Existing Antennas, the Proposed Tower will provide optimal coverage for the commercial and residential areas along Greenville Avenue and Belmont Avenue, and will serve both coverage and capacity needs by filling significant gaps in the ability of remote users of ATT's wireless network to access the national telephone network that would otherwise arise upon removal of the Existing Antennas.”
14. “When coupled with ATT's existing system and upon removal of the Existing Antennas, the minimum antenna centerline height at the Proposed Site necessary to meet ATT's radio frequency coverage and capacity objectives and considering the co-location issue with two other carriers on the same pole is 85’ for a standard monopole tower. The Proposed Tower and related ground equipment, as designed, will substantially accomplish ATT's radio frequency goals in the area while minimizing any aesthetic impact to the community.”

FURTHER, Affiant sayeth not.

Jamal Williams

SWORN TO AND SUBSCRIBED BEFORE ME this _____ day of _____,
2015, by Jamal Williams.

Notary Public, in and for the State of Texas

My commission expires:

EXHIBIT A

To Affidavit of Jamal Williams

*See attached Current Coverage with Existing Antennas Propagation Map Aerial View.
Approximately equivalent coverage would be provided by (retarded) antennas at an 85'
centerline.*

DXU3029/DXL03029 – On-Air

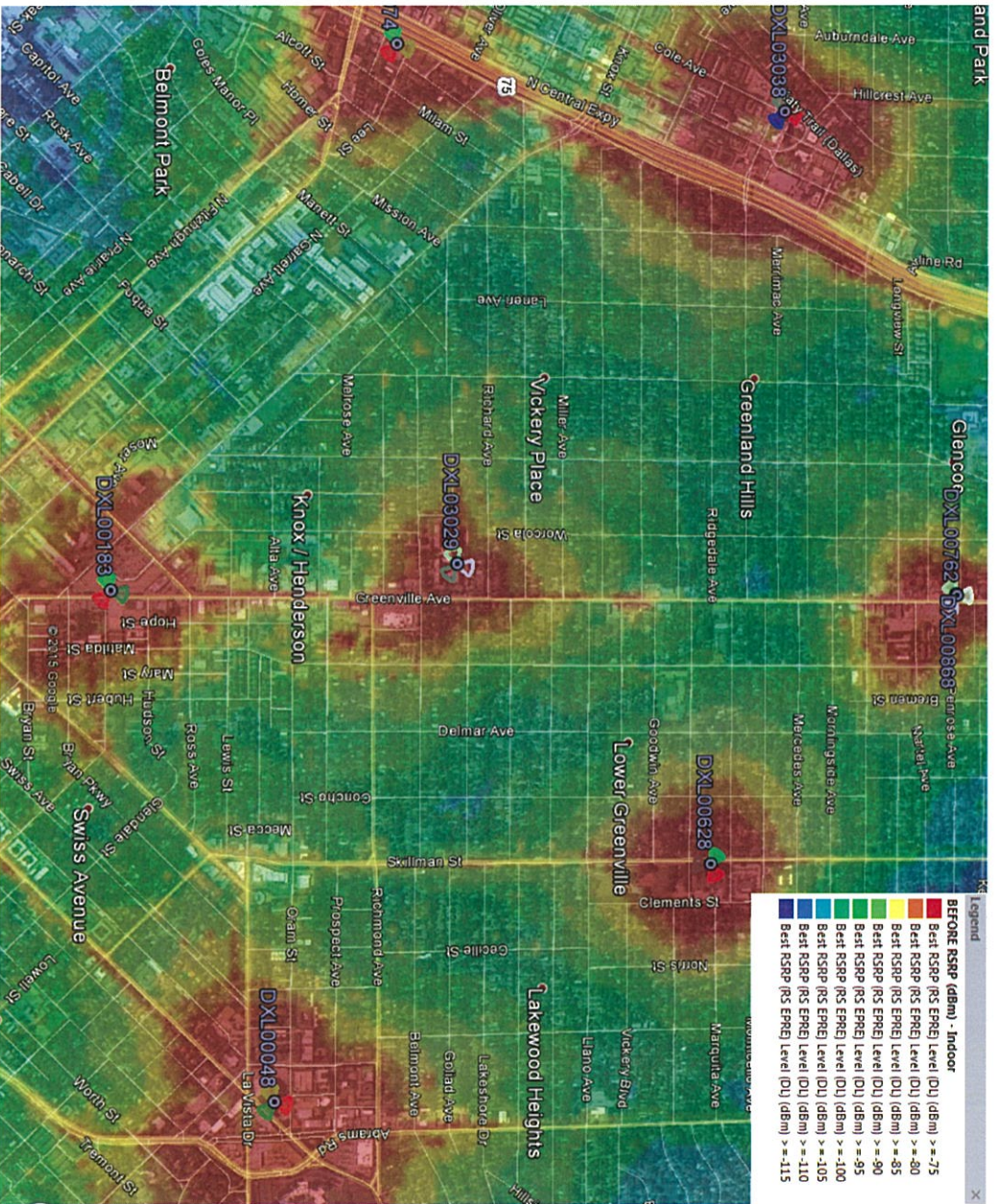


EXHIBIT B

To Affidavit of Jamal Williams

See attached After Removal of Existing Antennas Propagation Map Aerial View

DXU3029 / DXL03029 – Off-Air

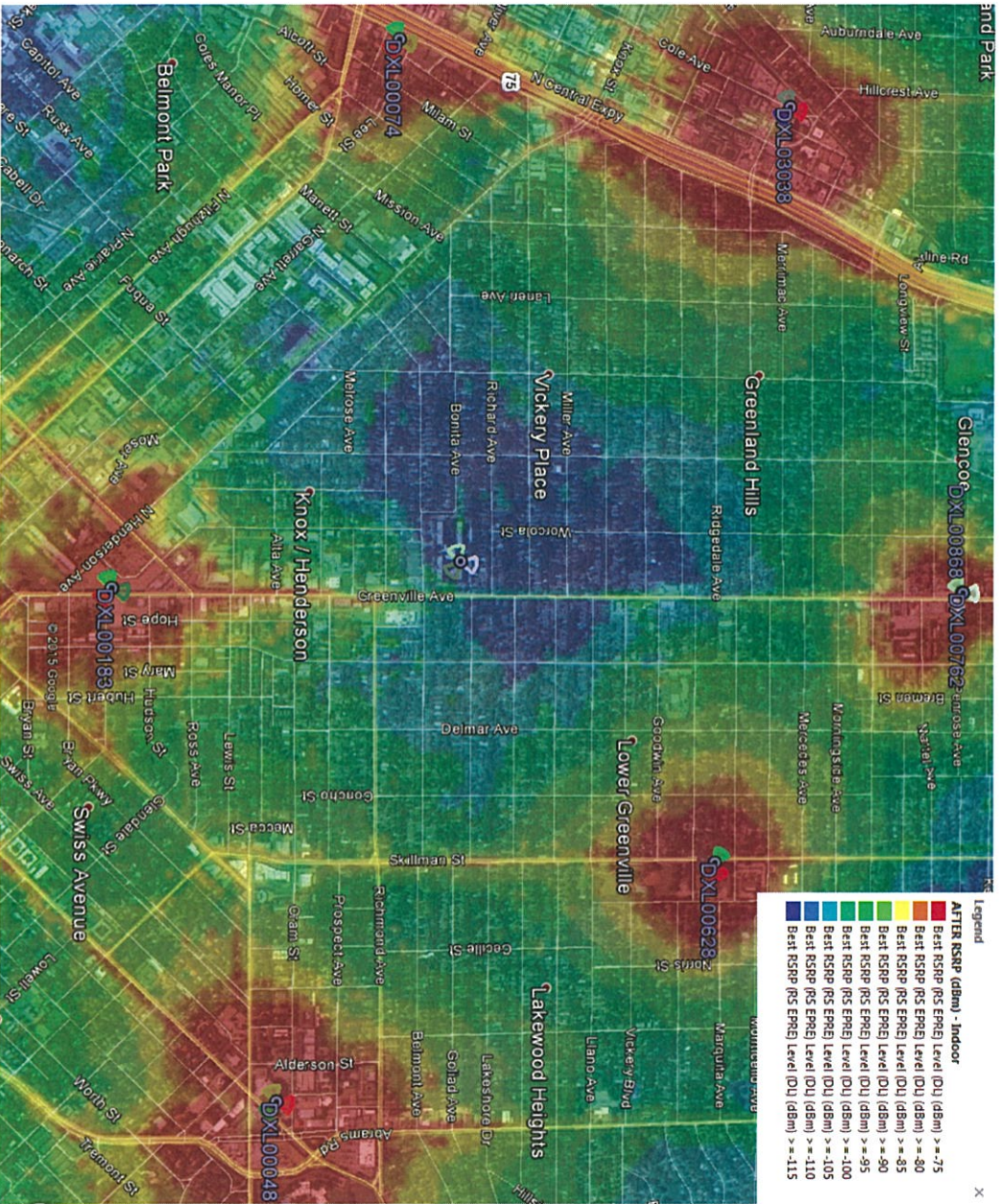


EXHIBIT C

To Affidavit of Jamal Williams

See attached Current Coverage with Existing Antennas Propagation Map. Approximately equivalent coverage would be provided by (retarded) antennas at an 85' centerline.

DXU3029/DXL03029 – On-Air

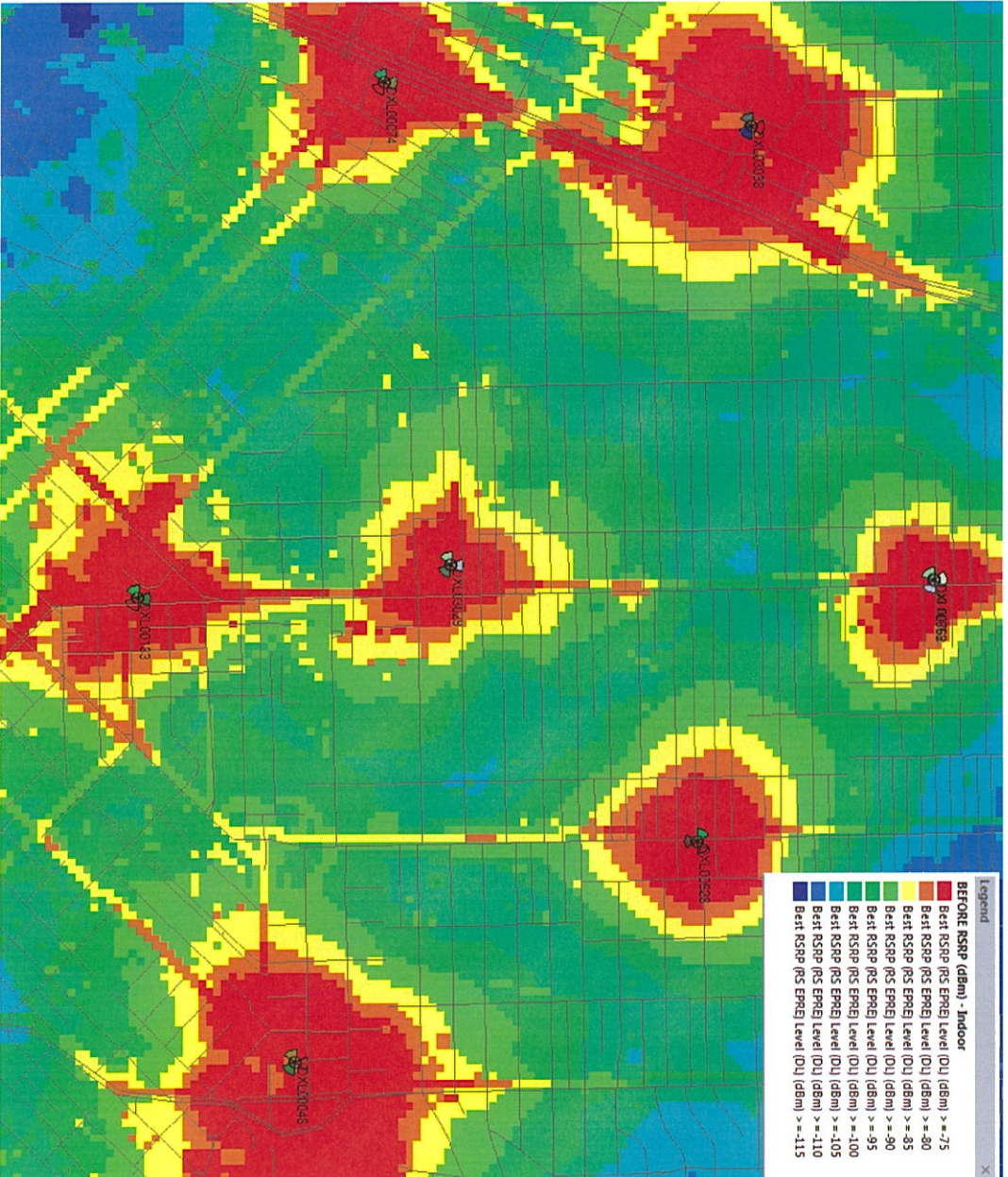


EXHIBIT D

To Affidavit of Jamal Williams

See attached After Removal of Existing Antennas Propagation Map.

DXU3029/DXL03029 – Off-Air

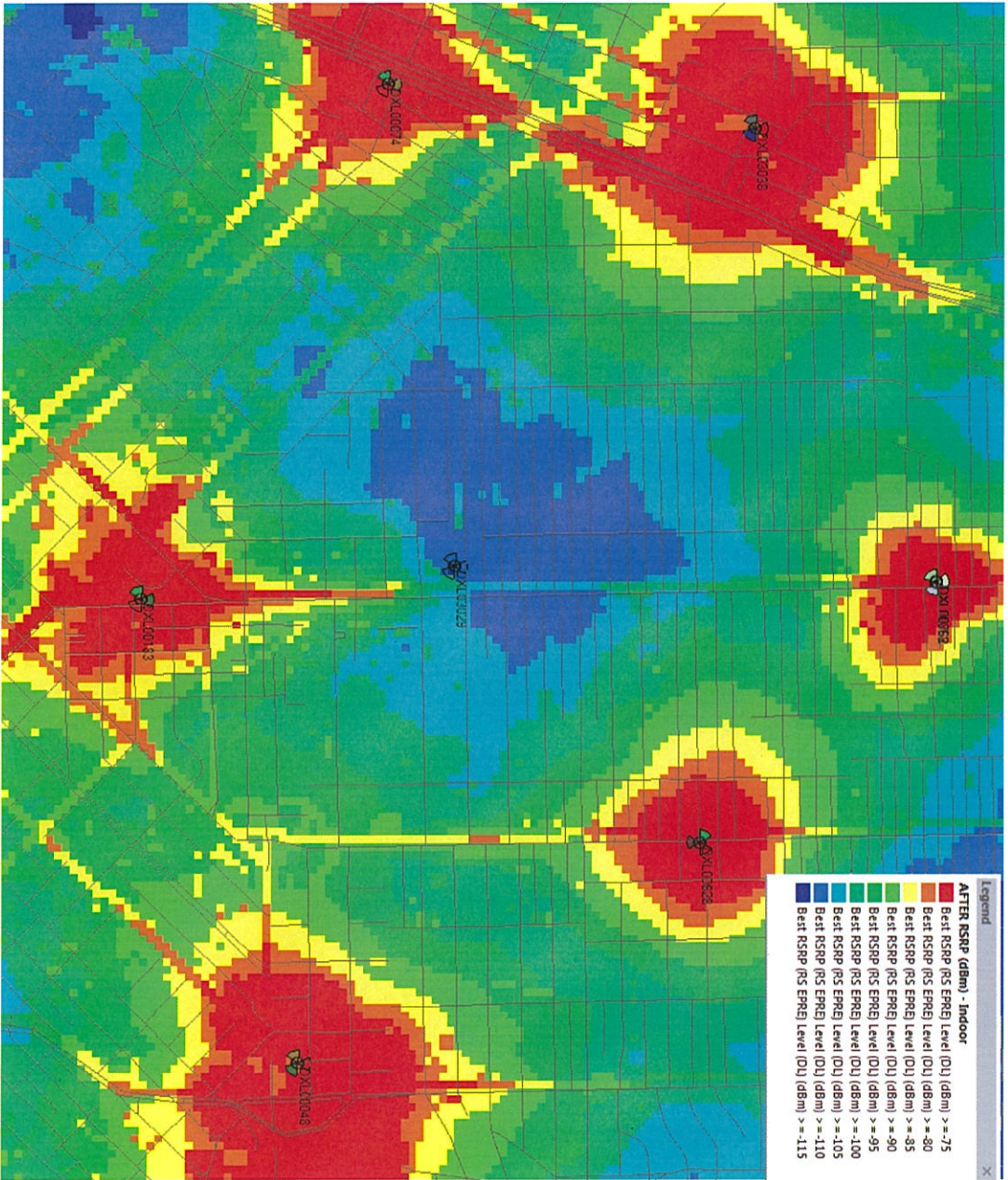


EXHIBIT E

To Affidavit of Jamal Williams

See attached FCC Antenna Structure Registrations Study Results

Antenna Structure Registration

[FCC](#) > [WTR](#) > [ASR](#) > [Online Systems](#) > [ASR Search](#)

ASR Registration Search

Registration Search Results

[New Search](#) [Refine Search](#) [Printable Page](#) [Query Download](#) [Map Results](#)

Registration Number	Status	File Number	Owner Name	Latitude/Longitude	Structure City/State	Overall Height Above Ground (AGL)	
1003381	Terminated	A0464943	NEW CINGULAR WIRELESS SERVICES, INC.	32-48-31.0N 096-46-14.0W	DALLAS, TX	19.8	RF Justification for not Using candidates N/A
1287742	Constructed	A0860155	St. Charles Tower, Inc.	32-49-57.0N 096-46-13.1W	Dallas, TX	11.0	Location could not meet the desired RF Objective for VICKERY_TOWERS_TEMP Search Ring
94425	Granted	A0923432	St. Charles Tower	32-49-56.1N 096-46-13.4W	Dallas, TX	10.4	Location could not meet the desired RF Objective for VICKERY_TOWERS_TEMP Search Ring