

WACG-FM CHANNEL 214
MINOR CHANGE IN
LICENSE APPLICATION
AUGUSTA, GEORGIA

(GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION)

KESSLER AND GEHMAN ASSOCIATES, INC.
TELECOMMUNICATIONS CONSULTING ENGINEERS

20090928

Prepared by William T. Godfrey, Jr.

KG&A

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Kessler and Gehman Associates, Inc.

Telecommunications Consulting Engineers

ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH A MINOR CHANGE IN LICENSE APPLICATION TO MAKE CHANGES TO THE GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION (GPTC) LICENSE (BLED-20090903AAG) FOR THE WACG-FM CHANNEL 214, AUGUSTA, GEORGIA NON-COMMERCIAL EDUCATIONAL FM (NCE-FM) BROADCAST FACILITY.

The firm Kessler and Gehman Associates, Inc., has been retained by the Georgia Public Telecommunications Commission (GPTC), Atlanta, Georgia, to prepare engineering studies and the engineering portion of a minor change in license application for the licensed WACG-FM Channel 214 Non-Commercial Educational FM (NCE-FM) broadcast facility (BLED-20090903AAG) requesting authorization to make changes to the following: 1) antenna; 2) Effective Radiated Power (ERP); 3) antenna height radiation center; 4) polarization; and 5) station class.

Discussion

GPTC is licensed to operate WACG-FM Channel 214 C2 with an ERP of 5.6 kW (horizontal polarization) at an antenna height radiation center of 411.5 meters Above Ground Level (AGL) using a nondirectional antenna side-mounted on the WCES-DT tower owned by GPTC. It was determined that the WACG-FM facility could maximize coverage by moving the antenna from its existing location on the side of the tower to the top where the old WCES-TV analog antenna is mounted. Maximization also includes increasing the ERP and changing from a nondirectional to a directional antenna. Accordingly, the changes requested in this minor change application are: 1) replace the licensed nondirectional side-mount antenna with a new directional top-mount antenna; 2) increase the ERP from the licensed 5.6 kW (horizontally polarized) to 70 kW (circularly polarized); 3) increase the antenna height radiation center from the licensed height of 411.5 meters AGL to 437.3 meters AGL; and 4) change the licensed Class C2 to Class C0 as a result of the increased antenna height and ERP.



According to the Power and Antenna Height Requirements depicted in §73.211 of the FCC rules, the proposed ERP of 70 kW would classify the proposed WACG-FM facility as a Class C1 station without taking the proposed antenna height above average terrain and the reference distance to contour into consideration; however, the proposed antenna height radiation center Above Average Terrain (AAT) is 455.2 meters which results in a maximum distance to contour of 80.8 km. Therefore, in accordance with §73.211(b) of the FCC rules, the proposed WACG-FM station will be classified as a Class C0 facility.

Attached Figures

The following list is an index of enclosed figures produced by calculations and engineering studies of the proposed WACG-FM Channel 214 C0 facility.

- 1) Proposed Engineering Specifications (Exhibit 1).
- 2) Antenna Data (Exhibit 2).
- 3) Support Structure Profile/Elevation View of Antenna System (Exhibit 3).
- 4) Antenna Azimuth Pattern (Exhibit 4)
- 5) Antenna Azimuth Pattern Tabulation (Exhibit 5)
- 6) Antenna Vertical Pattern: -4° to 11° (Exhibit 6)
- 7) Antenna Vertical Pattern: -10° to 90° (Exhibit 7)
- 8) Antenna Vertical Pattern Tabulation (Exhibit 8)
- 9) USGS 7.5-minute topographic quadrangle map depicting the proposed transmitter location and coordinate lines (Exhibit 9).
- 10) Licensed WACG-FM 1 mV/m Contour (red) vs. Proposed WACG-FM 1 mV/m Contour (blue) – Exhibit 10.
- 11) Proposed 1mV/m (60 dBuV/m) Predicted Contour and Radials, Proposed Transmitter Location, & Principal Community Boundary Depiction (Exhibit 11).
- 12) 2 dB/10 degrees & 15 dB front-to-back ratio compliance spreadsheet - (Exhibit 12)
- 13) FM-to-FM Interference Studies - **calculated using 3 Arc Second Terrain** (Exhibit 13).



- 14) Comprehensive NCE-FM Allocation Study (Exhibit 14)
- 15) WPWB-FM Allocation Study - (Exhibit 15)
- 16) Proposed WACG-FM F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 16)
- 17) Proposed WACG-FM F(50,10) 54 dBuV/m 3 Arc Second Terrain (Exhibit 17)
- 18) WPWB-FM F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 18)
- 19) WPWB-FM F(50,10) 54 dBuV/m 3 Arc Second Terrain (Exhibit 19)
- 20) Dublin, GA APP Allocation Study (Exhibit 20)
- 21) Dublin, GA APP F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 21)
- 22) Dublin, GA APP F(50,10) 54 dBuV/m 3 Arc Second Terrain (Exhibit 22)
- 23) McCormick, SC CP Allocation Study (Exhibit 23)
- 24) Proposed WACG-FM F(50,10) 100 dBuV/m 3 Arc Second Terrain (Exhibit 24)
- 25) McCormick, SC CP F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 25)
- 26) McCormick, SC CP F(50,10) 100 dBuV/m 3 Arc Second Terrain (Exhibit 26)
- 27) WMVV-FM Allocation Study (Exhibit 27)
- 28) Proposed WACG-FM F(50,10) 40 dBuV/m 3 Arc Second Terrain (Exhibit 28)
- 29) WMVV-FM F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 29)
- 30) WMVV-FM F(50,10) 40 dBuV/m 3 Arc Second Terrain (Exhibit 30)
- 31) WYFH-FM Allocation Study (Exhibit 31)
- 32) WYFH-FM F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 32)
- 33) WYFH-FM F(50,10) 40 dBuV/m 3 Arc Second Terrain (Exhibit 33)
- 34) WEZG-FM Allocation Study (Exhibit 34)
- 35) WEZG-FM F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 35)
- 36) WEZG-FM F(50,10) 100 dBuV/m 3 Arc Second Terrain (Exhibit 36)
- 37) Greenwood, SC APP Allocation Study (Exhibit 37)
- 38) Greenwood, SC APP F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 38)
- 39) Greenwood, SC APP F(50,10) 54 dBuV/m 3 Arc Second Terrain (Exhibit 39)
- 40) Cross Hill, SC APP Allocation Study (Exhibit 40)



41) Cross Hill, SC APP F(50,50) 60 dBuV/m 3 Arc Second Terrain (Exhibit 41)

42) Cross Hill, SC APP F(50,10) 54 dBuV/m 3 Arc Second Terrain (Exhibit 42)

43) WCES-DT Channel 6 Study (Exhibit 43)

Transmitter Location

The proposed antenna shall be top-mounted at a radiation center height of 437.3 meters AGL on the WCES-DT support structure (Exhibit 3). The tower is registered with the FCC and has a registration number of 1018796. The antenna structure's address is 2316 Miller Place Road located 11.4 km ENE of Wrens, GA.

Proposed vs. Licensed

The F(50,50) 60.0 dBuV/m protected service contours for the licensed (red) and proposed (blue) WACG-FM facilities are depicted in Exhibit 10. It can be seen that the proposed facility would serve a much larger area of GA than the licensed facility.

Principal Community

The F(50,50) 60.0 dBuV/m protected service contour for the proposed WACG-FM facility is depicted in Exhibit 11. It can be seen that the proposed facility's F(50,50) 60.0 dBuV/m service contour would completely encompass Augusta, GA in all azimuthal directions. Augusta, GA is the community of license for the WACG-FM station.

2 dB/10° & 15 dB Front-to-Back Ratio

Exhibit 12 is a calculation spreadsheet demonstrating compliance with the 2 dB/10 deg requirement pursuant to §73.316(b)(2) of the FCC rules and the 15 dB front-to-back ratio requirement pursuant to §73.316(b)(1) of the FCC rules for directional FM antennas. Referring



to Exhibit 12, it can be seen that the minimum relative field value is 0.260 which equates to 6.75 dBk (4.7 kW) based on a maximum ERP of 70.0 kW and the maximum relative field value is 1.0 which equates to 18.45 dB (70.0 kW) based on a maximum ERP of 70.0 kW. Subtracting 6.75 dB from 18.45 dB gives a value of 11.70 dB which is less than the 15 dB threshold. Column 6 in Exhibit 12 depicts “PASS” if the difference between the value in a cell (in column 5) is 2 dB or less than the value in the next adjacent ten-degree radial or “FAIL” if the difference between the value in a cell (in column 5) compared to the value in the next adjacent ten-degree radial is greater than 2 dB. Referring to Exhibit 12, it can be seen that the proposed antenna azimuth pattern would not exceed 2 dB per 10 degrees along any radial.

Interference Studies

Exhibit 13 is an FM-to-FM interference study which verifies that the proposed WACG-FM facility’s F(50,10) interfering contours will not overlap any applicable station’s F(50,50) 60.0 dBuV/m protected contours and that the proposed WACG-FM facility’s F(50,50) 60.0 dBuV/m protected contour will not be overlapped by any applicable station’s F(50,10) interfering contours. Accordingly, the proposed facility complies with the FM interference protection requirements pursuant to §73.509 of the FCC Rules. The interference study was calculated using 3 arc second terrain; therefore, **GPTC respectfully requests that the Commission evaluate interference using 3 arc second terrain.** All 3 arc second terrain data used for this application has been provided as exhibits (Exhibits 13-42).

Allocation Studies - Calculated Using 3 Arc Second Terrain

Exhibit 14 is a comprehensive allocation study map depicting F(50,50) 60.0 dBu contours (black) and F(50,10) interfering contours (magenta represents 54.0 dBu, green represents 40.0 dBu and red represents 100.0 dBu). The map was generated using 3 arc second terrain.



Exhibit 15 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta) as well as the licensed WPWB-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 16 depicts the 3 arc second terrain data used to calculate the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 17 depicts the 3 arc second terrain data used to calculate the proposed WACG-FM facility's F(50,10) 54.0 dBuV/m interfering contour. Exhibit 18 depicts the 3 arc second terrain data used to calculate the licensed WPWB-FM facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 19 depicts the 3 arc second terrain data used to calculate the licensed WPWB-FM facility's F(50,10) 54.0 dBuV/m interfering contour.

Exhibit 20 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta) as well as the pending Dublin, GA (APP) facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 21 depicts the 3 arc second terrain data used to calculate the pending Dublin, GA (APP) facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 22 depicts the 3 arc second terrain data used to calculate the pending Dublin, GA (APP) facility's F(50,10) 54.0 dBuV/m interfering contour.

Exhibit 23 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected



contour (black) and its F(50,10) 100.0 dBuV/m interfering contour (red) as well as the pending McCormick, SC (CP) facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 100.0 dBuV/m interfering contour (red). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 24 depicts the 3 arc second terrain data used to calculate the proposed WACG-FM facility's F(50,10) 54.0 dBuV/m interfering contour. Exhibit 25 depicts the 3 arc second terrain data used to calculate the pending McCormick, SC (CP) facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 26 depicts the 3 arc second terrain data used to calculate the pending McCormick, SC (CP) facility's F(50,10) 100.0 dBuV/m interfering contour.

Exhibit 27 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 40.0 dBuV/m interfering contour (green) as well as the licensed WMVV-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 40.0 dBuV/m interfering contour (green). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 28 depicts the 3 arc second terrain data used to calculate the proposed WACG-FM facility's F(50,10) 40.0 dBuV/m interfering contour. Exhibit 29 depicts the 3 arc second terrain data used to calculate the licensed WMVV-FM facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 30 depicts the 3 arc second terrain data used to calculate the licensed WMVV-FM facility's F(50,10) 40.0 dBuV/m interfering contour.

Exhibit 31 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 40.0 dBuV/m interfering contour (green) as well as the licensed WYFH-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 40.0



dBuV/m interfering contour (green). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 32 depicts the 3 arc second terrain data used to calculate the licensed WYFH-FM facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 33 depicts the 3 arc second terrain data used to calculate the licensed WYFH-FM facility's F(50,10) 40.0 dBuV/m interfering contour.

Exhibit 34 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 100.0 dBuV/m interfering contour (red) as well as the licensed WEZG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 100.0 dBuV/m interfering contour (red). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 35 depicts the 3 arc second terrain data used to calculate the licensed WEZG-FM facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 36 depicts the 3 arc second terrain data used to calculate the licensed WEZG-FM facility's F(50,10) 100.0 dBuV/m interfering contour.

Exhibit 37 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta) as well as the pending Greenwood, SC (APP) facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 38 depicts the 3 arc second terrain data used to calculate the pending Greenwood, SC (APP) facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 39 depicts the 3 arc



second terrain data used to calculate the pending Greenwood, SC (APP) facility's F(50,10) 54.0 dBuV/m interfering contour.

Exhibit 40 is a station-to-station allocation study map pictorially depicting the contour relationship between the proposed WACG-FM facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta) as well as the pending Cross Hill, SC (APP) facility's F(50,50) 60.0 dBuV/m protected contour (black) and its F(50,10) 54.0 dBuV/m interfering contour (magenta). It can be seen that unacceptable contour overlap would not exist between the two stations.

Exhibit 41 depicts the 3 arc second terrain data used to calculate the pending Cross Hill, SC (APP) facility's F(50,50) 60.0 dBuV/m protected contour. Exhibit 42 depicts the 3 arc second terrain data used to calculate the pending Cross Hill, SC (APP) facility's F(50,10) 54.0 dBuV/m interfering contour.

TV Channel 6 Studies

Exhibit 43 is a TV Channel 6 study demonstrating that the proposed WACG-FM facility is collocated with the licensed WCES-DT Channel 6 facility. The WCES-DT Channel 6 facility is licensed to GPTC. The FCC rules state that all applications for construction permits for new or modified facilities for an NCE-FM station on Channels 200-220, unless the application is accompanied by a written agreement between the NCE-FM applicant and each affected TV Channel 6 broadcast station concurring with the proposed NCE-FM facilities, must comply with the provisions of Section 73.525 with respect to TV Channel 6 protection. Since WCES-DT Channel 6 is the only "affected" Channel 6 facility and since GPTC is the licensee of WCES-DT Channel 6, GPTC hereby concurs with this application and accepts any interference that may be caused to the WCES-DT Channel 6 facility from the proposed WACG-FM facility. It should be noted that the licensed WACG-FM facility is already collocated with WCES-DT Channel 6. Accordingly, the proposed facility complies with the TV Channel 6 interference protection requirements pursuant to §73.525 of the FCC Rules.



Intermediate Frequency Interference (53rd & 54th Adjacent Channels)

The proposed WACG-FM site will meet all separation requirements pertaining to intermediate frequency (“IF”) interference. The IF station (214+53=267 & 214+54=268) with the narrowest gap with respect to distance from the proposed WACG-FM transmitter site is the licensed WQIL-FM Channel 267 Class C2 facility located approximately 124.6 km from the WACG-FM transmitter site in Chauncey, GA at North Latitude 32° 22’ 59” and West Longitude 83° 07’ 08” where a separation of 19.5 km is required; therefore, the distance is easily met with a margin of 105.1 km.

FM Blanketing Interference

Blanketing is defined as interference to the reception of other broadcast stations which is caused by the presence of an FM broadcast signal of 115 dBu (562 mV/m) or greater signal strength in the area adjacent to the antenna of the transmitting station. The 115 dBu contour is referred to as the blanketing contour and the area within this contour is referred to as the blanketing area. The proposed WACG-FM Channel 201 blanketing contour extends a maximum of 3.03 km from its transmitter and it is understood that GPTC must assume full financial responsibility for remedying new complaints of blanketing interference for a period of one year to all broadcast stations within the proposed WACG-FM blanketing contour.

Area and population Analysis

The population counts within the proposed and licensed 1 mV/m contours (60.0 dBuV/m) were determined using 2000 U.S. Census data. The area and population within the proposed WACG-FM 1 mV/m contour is predicted to be 12,367.37 sq. km and 518,867 persons respectively. The area and population within the licensed WACG-FM 1 mV/m contour is predicted to be 8,611.46 sq. km and 423,381 persons respectively. Therefore, the proposed



WACG-FM facility's service population gain is predicted to be 95,486 persons and the proposed WACG-FM facility's service area gain is predicted to be 3,755.91 sq km.

Environmental Impact

The proposed WACG-FM Channel 214 Class C0 facility will have no significant environmental impact as defined in §1.1307 of the FCC Rules. The FM transmitter, transmission line and antenna system will produce an ERP of 70 kW (circular polarization). It was determined that the maximum lobe of radiation from the base of the tower will occur at approximately 409.6 feet from the base of the tower (1,486.1-foot radial distance from the antenna center). At approximately 409.6 feet from the base of the tower, the depression angle of the main lobe will be approximately 74° below the horizontal. At that point, the relative field will be 0.242 and the power density six feet above the ground will be 0.0013 mW/cm². This equates to only 0.13% of the Maximum Permissible Exposure (MPE) limits for Occupational/Controlled Exposure and only 0.67% of the MPE limits for General Population/Uncontrolled Exposure authorized by the American National Standards Institute (ANSI). Since operation of the proposed WACG-FM facility will not exceed 5.0% of the MPE limit for Occupational/Controlled Exposure or General Population/Uncontrolled Exposure at any point on the ground, the proposed facility is not considered a "significant contributor" to the RF exposure environment pursuant to OET Bulletin 65, Edition 97-01. Therefore, contributions of exposure from other sources were not accounted for in this analysis. It is safe to conclude that the emissions would be insignificant and well within the maximum allowable requirements.

If other antennas are placed on the tower in the future, the licensee will cooperate with those users by reducing or completely terminating the power to the antenna when maintenance workers are in danger from the electromagnetic radiation emanating from the antenna. It is also understood that additional antennas on the support structure could increase the overall RF exposure levels and it is the responsibility of each licensee to ensure that the total RF exposure



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resulting from the operation of all antennas on the support structure do not exceed the maximum permissible exposure level at any point on the ground.

Certification

This technical statement was prepared by William T. Godfrey, Jr., Telecommunications Technical Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and has been working in the field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics in 1993. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.



KESSLER AND GEHMAN ASSOCIATES, INC.

A handwritten signature in blue ink that reads 'William T. Godfrey, Jr.' is written over a horizontal line.

WILLIAM T. GODFREY, JR.

Telecommunications Technical Consultant

September 29, 2009

WACG-FM CHANNEL 214 CLASS C0

AUGUSTA, GEORGIA

ENGINEERING SPECIFICATIONS

A. *Transmitter Site*

Geographic coordinates (NAD27): North Latitude 33° 15' 33"
West Longitude 82° 17' 09"

Location: 2316 Miller PL RD
Wrens, GA

B. *Licensee*

Mailing Address 260 14th Street N.W. Atlanta, Georgia 30318

C. *Proposed Facility*

FM Channel Number 214
Frequency 90.7 MHz
Class C0

D. *Antenna Height*

Height of Site Above Mean Sea Level (AMSL) 132.5 M
Overall Height of Structure Above Ground 446.0 M
(including all appurtenances)
Overall Height of Structure Above Mean Sea Level 578.5 M
(including all appurtenances)
Height of Site Above Average Terrain 17.9 M
Antenna Height Radiation Center (R/C) Above Ground 437.3 M
Antenna Height R/C Above Mean Sea Level 569.8 M
Antenna Height R/C Above Average Terrain 455.2 M
Average of All Non-Odd Radials 114.6 M

E. *System Parameters –Circular Polarization:*

Transmitter Power Required 4.0 kW
Maximum Power Input to Antenna 2.9 kW
Transmission Line Loss 1.33 dB
Transmission Line Efficiency 73.7%
RMS Gain at Main Lobe 13.78 dB
RMS Gain at Horizontal 13.78 dB
Maximum Effective Radiated Power 18.45 dBk
In Beam Maximum 70.0 kW
Maximum Effective Radiated Power 18.45 dBk
In Horizontal Plane 70.0 kW

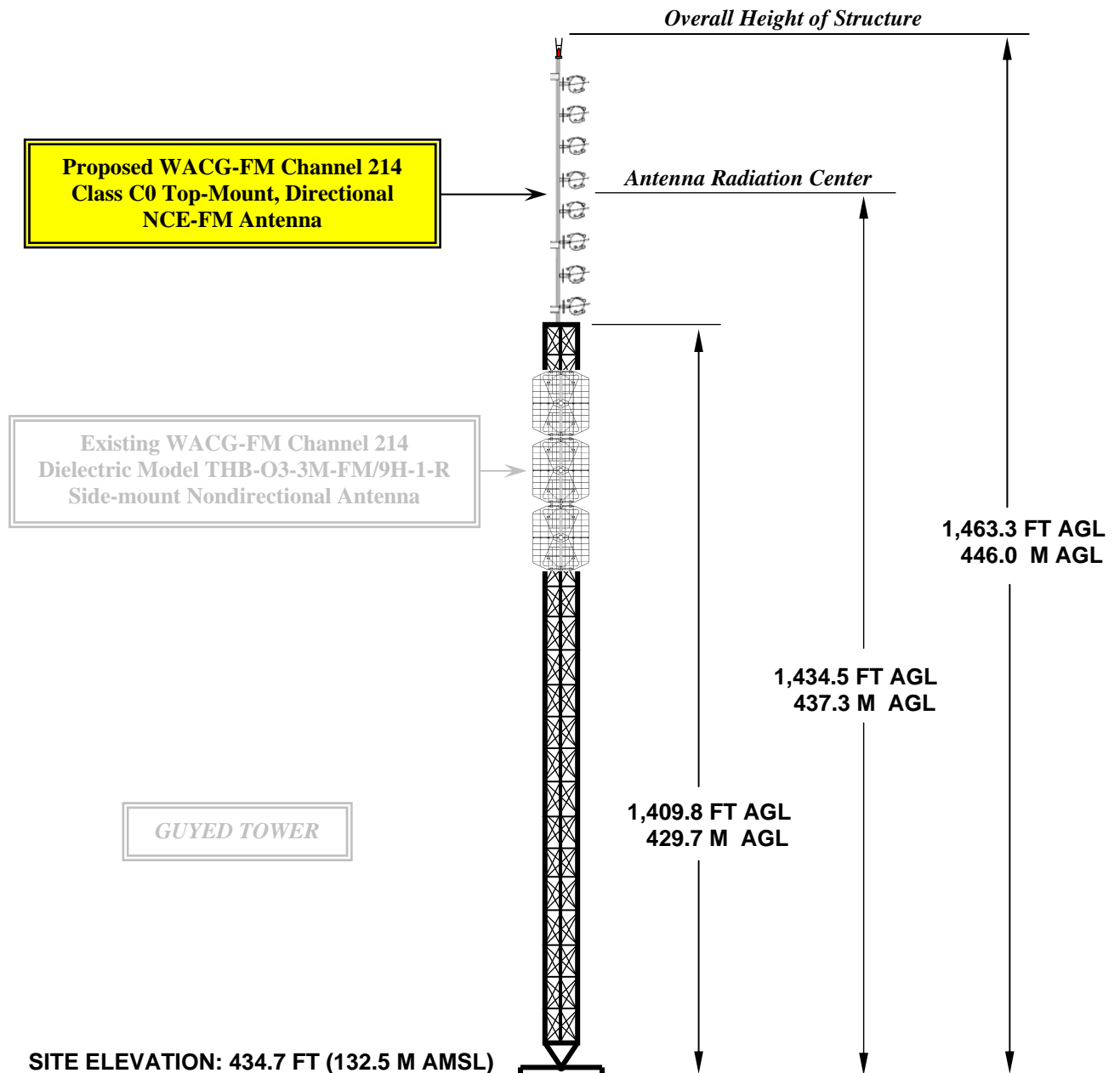
WACG-FM
Augusta, Georgia

**DATA FOR PROPOSED
DIRECTIONAL TRANSMITTING ANTENNA**

- A. **Antenna:** Top-mount, Circularly Polarized, Directional, 8-Bay FM Antenna.
- B. **Electrical Beam Tilt:** 0.0°
- C. **Mechanical Beam Tilt:** None
- D.

<u>Peak Gain</u>	<u>Circular Polarization</u>
Main Lobe:	23.9 (13.78 dB)
Horizontal:	23.9 (13.78 dB)
- E. **Transmitter Power Output (TPO):** 4.0 kW
- F. **Transmission Line:** 3-1/8" 50 ohm Rigid Coaxial
- G. **Transmission Line Efficiency:** 73.7%
- H. **Transmission Line Length:** 1,500 feet
- I. **Transmission Line Loss:** 0.0885 dB/100 ft
- J. **Transmission Line Attenuation:** 1.33 dB

PROPOSED WACG-FM CHANNEL 214 TOWER ELEVATION VIEW



OVERALL HEIGHT AGL: 446.0 M
OVERALL HEIGHT AMSL: 578.5 M
RADIATION CENTER AGL: 437.3 M
RADIATION CENTER AMSL: 569.8 M
RADIATION CENTER HAAT: 455.2 M
AVG OF ALL NON-ODD RADIALS: 114.6 M
SITE HAAT: 17.9 M

COORDINATES (NAD 27):
N. LATITUDE 33° 15' 33"
W. LONGITUDE 82° 17' 09"
Antenna Structure Registration Number:
1018796

NOTE: NOT TO SCALE

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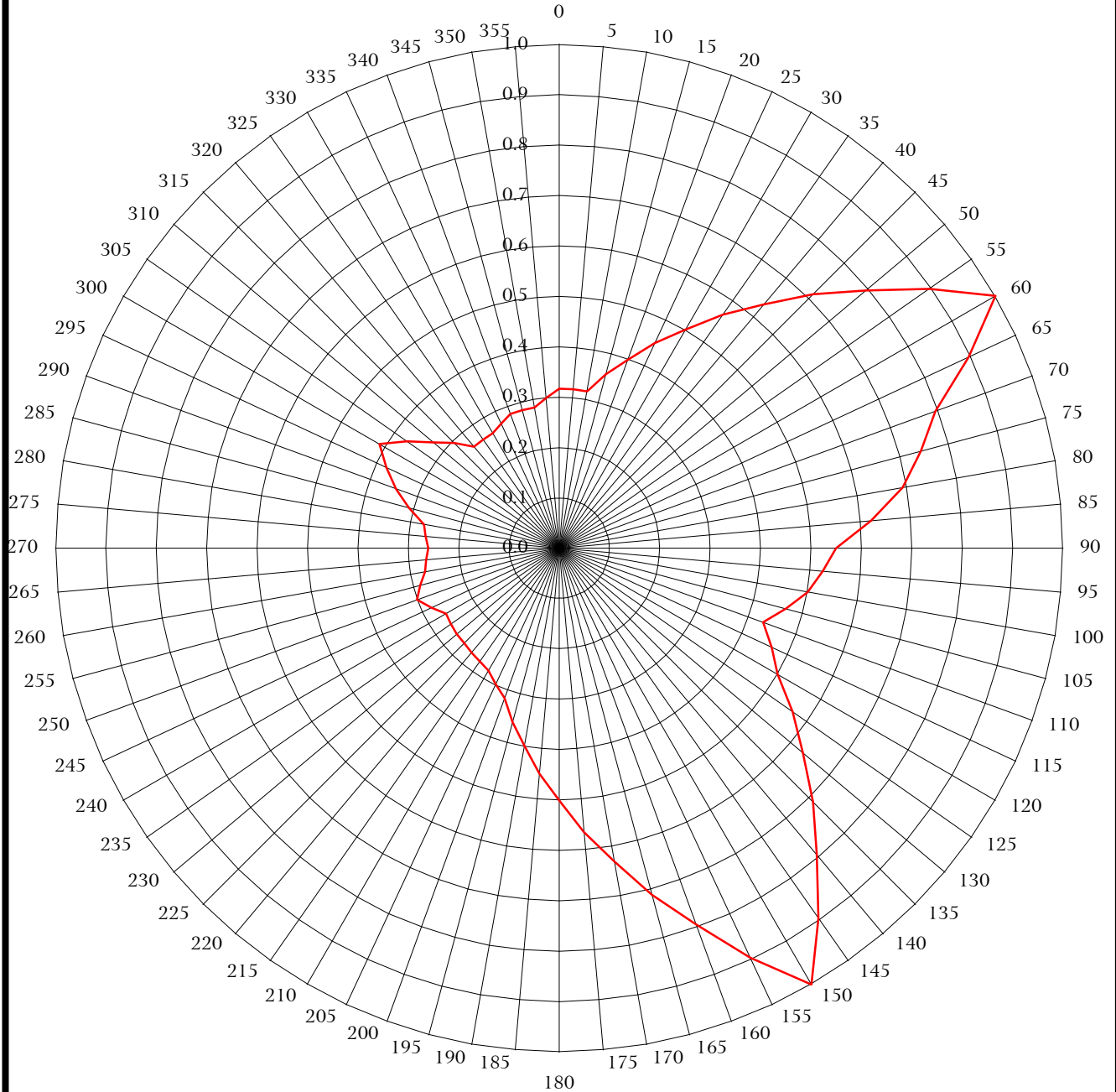
WACG-FM CHANNEL 214C0

AUGUSTA, GEORGIA

20090922

EXHIBIT 3

RELATIVE FIELD AZIMUTH PATTERN



AZIMUTH PATTERN
ORIENTED WITH BEAM MAXIMA AT 60° & 150°
AZIMUTH GAIN: 3.76 (5.75 dB)
POLARIZATION: CIRCULAR

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WACG-FM CHANNEL 214
Augusta, Georgia

20090923

EXHIBIT 4

WACG-FM CHANNEL 214

Augusta, Georgia

TABULATION OF RELATIVE FIELD FOR DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>	<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>
N000°E	0.316	N180°E	0.501
N010°E	0.316	N190°E	0.398
N020°E	0.398	N200°E	0.316
N030°E	0.501	N210°E	0.280
N040°E	0.631	N220°E	0.270
N050°E	0.794	N230°E	0.265
N060°E	1.000	N240°E	0.260
N070°E	0.794	N250°E	0.300
N080°E	0.692	N260°E	0.270
N090°E	0.550	N270°E	0.260
N100°E	0.500	N280°E	0.273
N110°E	0.430	N290°E	0.344
N120°E	0.501	N300°E	0.412
N130°E	0.631	N310°E	0.327
N140°E	0.794	N320°E	0.263
N150°E	1.000	N330°E	0.263
N160°E	0.794	N340°E	0.283
N170°E	0.631	N350°E	0.283

MAXIMUM RELATIVE FIELD OF 1.000 AT 60° & 150°

MINIMUM RELATIVE FIELD OF 0.260 AT 240° & 270°

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WACG-FM CHANNEL 214

Augusta, Georgia

20090923

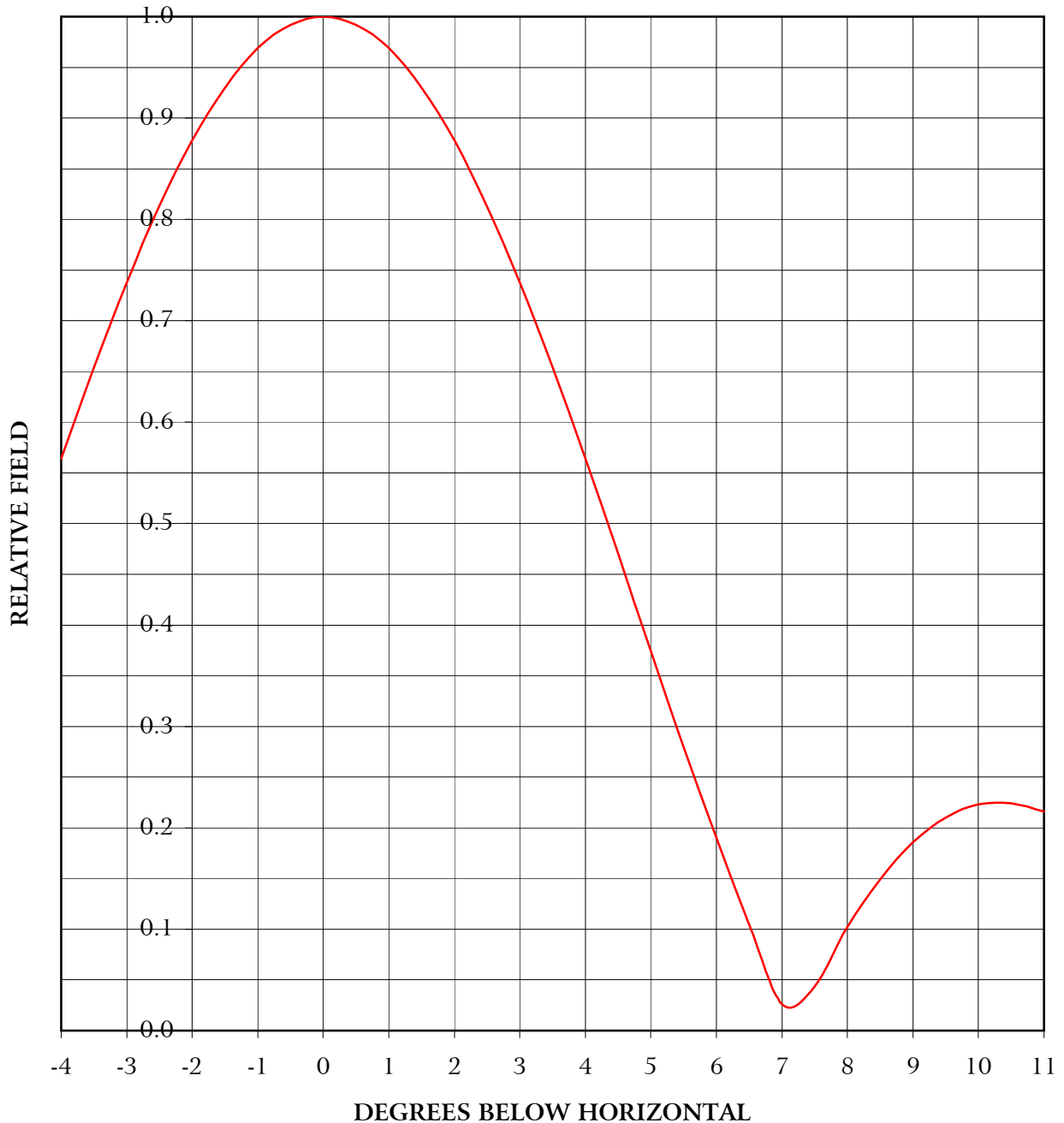
EXHIBIT 5

ELEVATION PATTERN

8-Bay Antenna

RMS GAIN AT MAIN LOBE:	6.36 (8.03 dB)
RMS GAIN AT HORIZONTAL:	6.36 (8.03 dB)
CALCULATED/MEASURED:	CALCULATED

ELECTRICAL BEAM TILT:	0.00°
MECHANICAL BEAM TILT:	0.00
FREQUENCY:	90.7 MHz



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507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WACG-FM CHANNEL 214

Augusta, Georgia

20090923

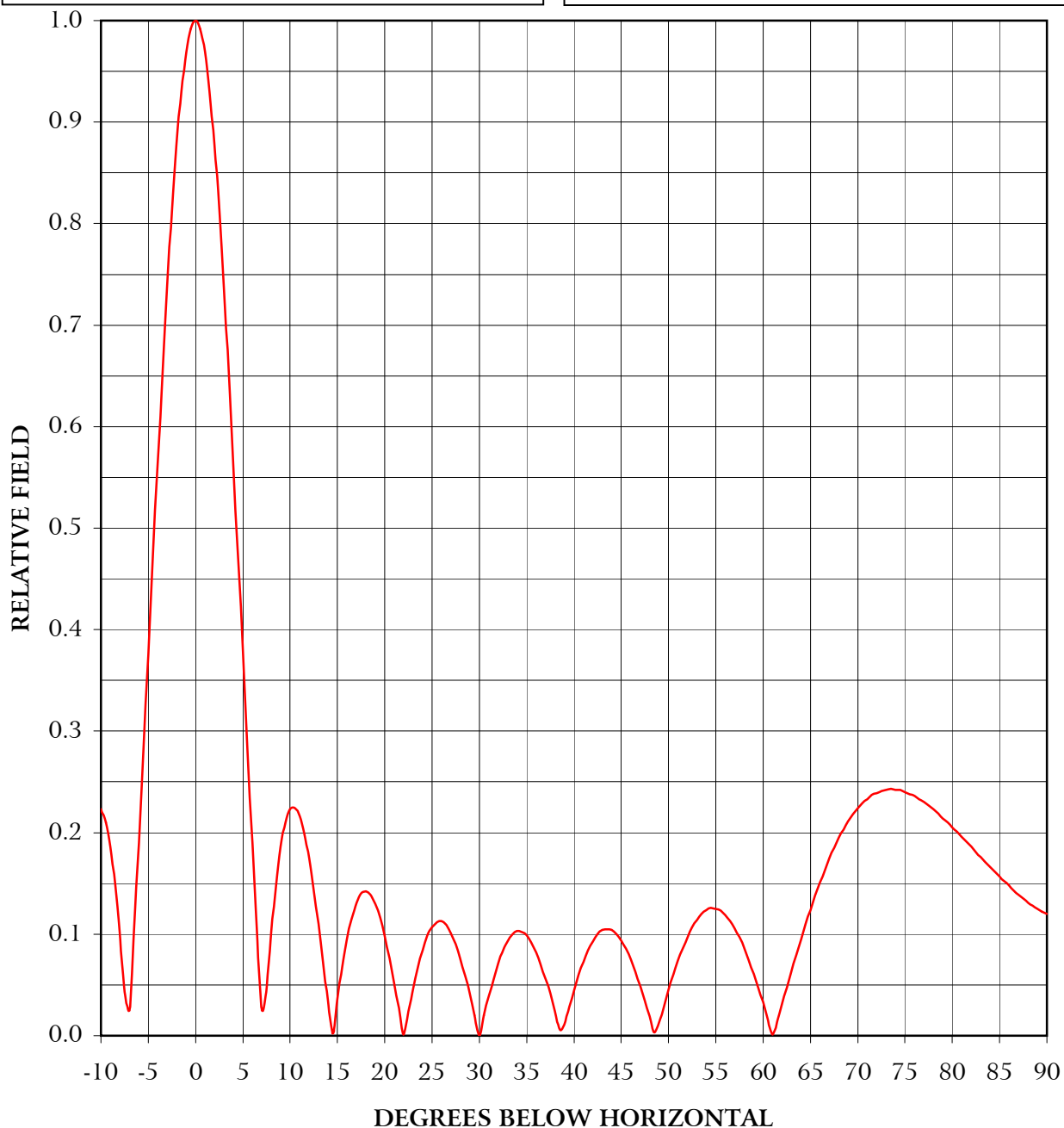
EXHIBIT 6

ELEVATION PATTERN

8-Bay Antenna

RMS GAIN AT MAIN LOBE:	6.36 (8.03 dB)
RMS GAIN AT HORIZONTAL:	6.36 (8.03 dB)
CALCULATED/MEASURED:	CALCULATED

ELECTRICAL BEAM TILT:	0.00°
MECHANICAL BEAM TILT:	0.00°
FREQUENCY:	90.7 MHz



KESSLER AND GEHMAN
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20090923

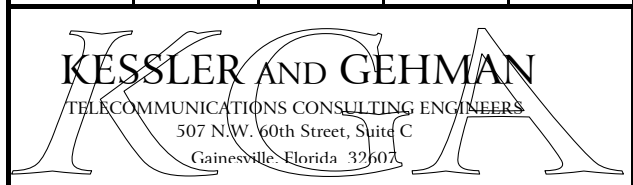
EXHIBIT 7

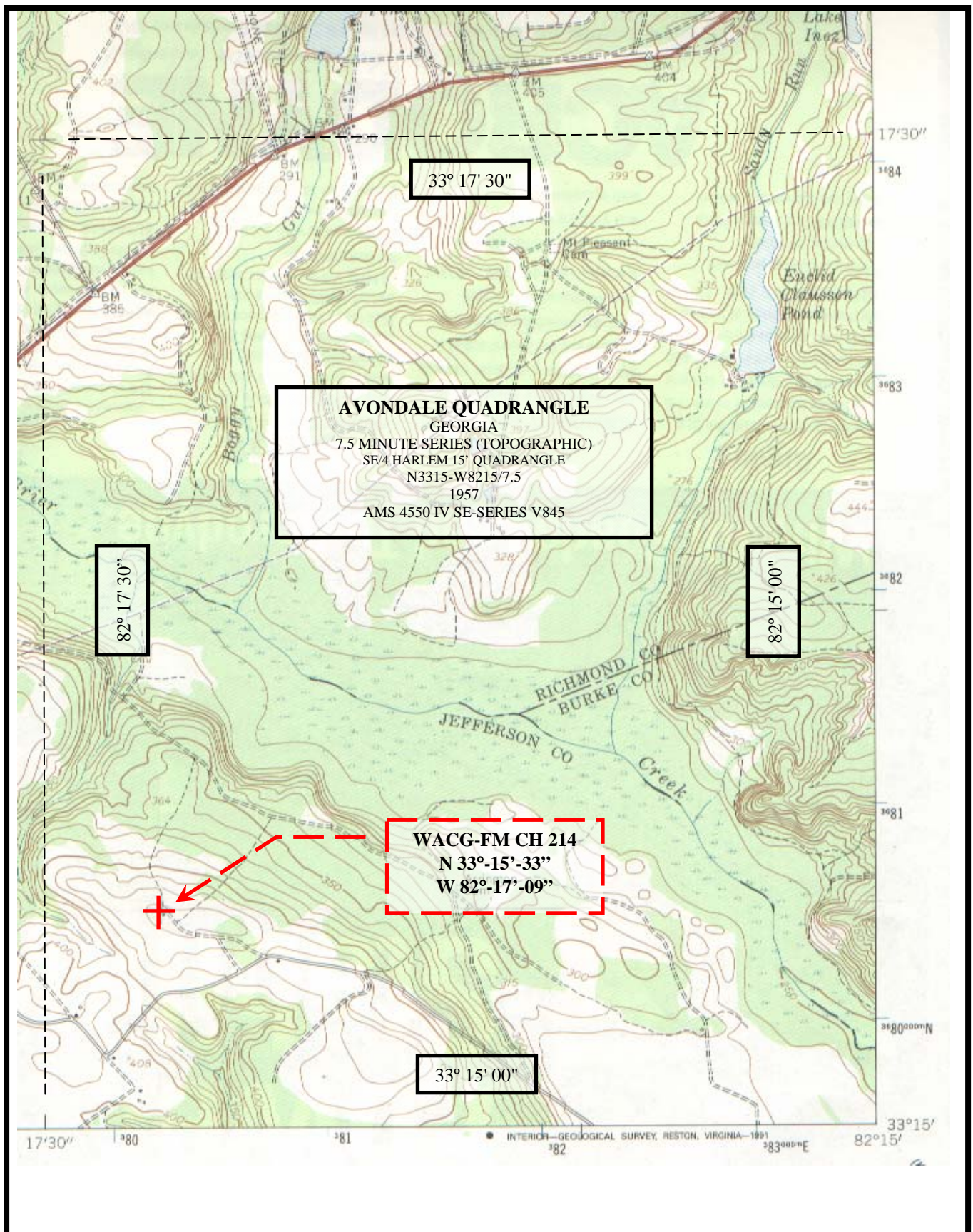
WACG-FM CHANNEL 214

Augusta, Georgia

TABULATION OF RELATIVE FIELD FOR PROPOSED DIRECTIONAL ANTENNA

ANGLE	FIELD	ANGLE	FIELD	ANGLE	FIELD	ANGLE	FIELD	ANGLE	FIELD
-10.0	0.223	10.5	0.224	31.0	0.039	51.5	0.086	72.0	0.239
-9.5	0.210	11.0	0.216	31.5	0.056	52.0	0.097	72.5	0.241
-9.0	0.186	11.5	0.199	32.0	0.071	52.5	0.107	73.0	0.242
-8.5	0.149	12.0	0.175	32.5	0.084	53.0	0.114	73.5	0.243
-8.0	0.102	12.5	0.144	33.0	0.093	53.5	0.120	74.0	0.242
-7.5	0.043	13.0	0.110	33.5	0.100	54.0	0.124	74.5	0.242
-7.0	0.026	13.5	0.073	34.0	0.103	54.5	0.126	75.0	0.240
-6.5	0.104	14.0	0.035	34.5	0.102	55.0	0.125	75.5	0.238
-6.0	0.190	14.5	0.002	35.0	0.099	55.5	0.123	76.0	0.236
-5.5	0.280	15.0	0.036	35.5	0.092	56.0	0.119	76.5	0.233
-5.0	0.375	15.5	0.068	36.0	0.082	56.5	0.113	77.0	0.230
-4.5	0.470	16.0	0.094	36.5	0.070	57.0	0.106	77.5	0.227
-4.0	0.564	16.5	0.115	37.0	0.056	57.5	0.097	78.0	0.223
-3.5	0.654	17.0	0.131	37.5	0.041	58.0	0.086	78.5	0.219
-3.0	0.738	17.5	0.140	38.0	0.024	58.5	0.074	79.0	0.214
-2.5	0.813	18.0	0.142	38.5	0.006	59.0	0.061	79.5	0.210
-2.0	0.878	18.5	0.139	39.0	0.011	59.5	0.047	80.0	0.205
-1.5	0.930	19.0	0.130	39.5	0.028	60.0	0.033	80.5	0.201
-1.0	0.969	19.5	0.116	40.0	0.045	60.5	0.017	81.0	0.196
-0.5	0.992	20.0	0.098	40.5	0.060	61.0	0.001	81.5	0.191
0.0	1.000	20.5	0.076	41.0	0.073	61.5	0.015	82.0	0.186
0.5	0.992	21.0	0.052	41.5	0.084	62.0	0.031	82.5	0.181
1.0	0.969	21.5	0.027	42.0	0.093	62.5	0.047	83.0	0.176
1.5	0.930	22.0	0.001	42.5	0.100	63.0	0.063	83.5	0.171
2.0	0.878	22.5	0.024	43.0	0.104	63.5	0.079	84.0	0.166
2.5	0.813	23.0	0.047	43.5	0.105	64.0	0.095	84.5	0.161
3.0	0.738	23.5	0.067	44.0	0.104	64.5	0.110	85.0	0.157
3.5	0.654	24.0	0.084	44.5	0.100	65.0	0.124	85.5	0.152
4.0	0.564	24.5	0.098	45.0	0.094	65.5	0.138	86.0	0.148
4.5	0.470	25.0	0.107	45.5	0.086	66.0	0.151	86.5	0.143
5.0	0.375	25.5	0.112	46.0	0.075	66.5	0.163	87.0	0.139
5.5	0.280	26.0	0.113	46.5	0.063	67.0	0.175	87.5	0.135
6.0	0.190	26.5	0.109	47.0	0.049	67.5	0.185	88.0	0.131
6.5	0.104	27.0	0.101	47.5	0.035	68.0	0.195	88.5	0.128
7.0	0.026	27.5	0.090	48.0	0.019	68.5	0.203	89.0	0.125
7.5	0.043	28.0	0.076	48.5	0.003	69.0	0.211	89.5	0.122
8.0	0.102	28.5	0.059	49.0	0.013	69.5	0.218	90.0	0.120
8.5	0.149	29.0	0.040	49.5	0.029	70.0	0.224		
9.0	0.186	29.5	0.020	50.0	0.045	70.5	0.229		
9.5	0.210	30.0	0.000	50.5	0.060	71.0	0.233		
10.0	0.223	30.5	0.020	51.0	0.074	71.5	0.237		

 <p>KESSLER AND GEHMAN TELECOMMUNICATIONS CONSULTING ENGINEERS 507 N.W. 60th Street, Suite C Gainesville, Florida 32607</p>	<p>WACG-FM CHANNEL 214 Augusta, Georgia</p> <p>20090924 EXHIBIT 8</p>
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KESSLER AND GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

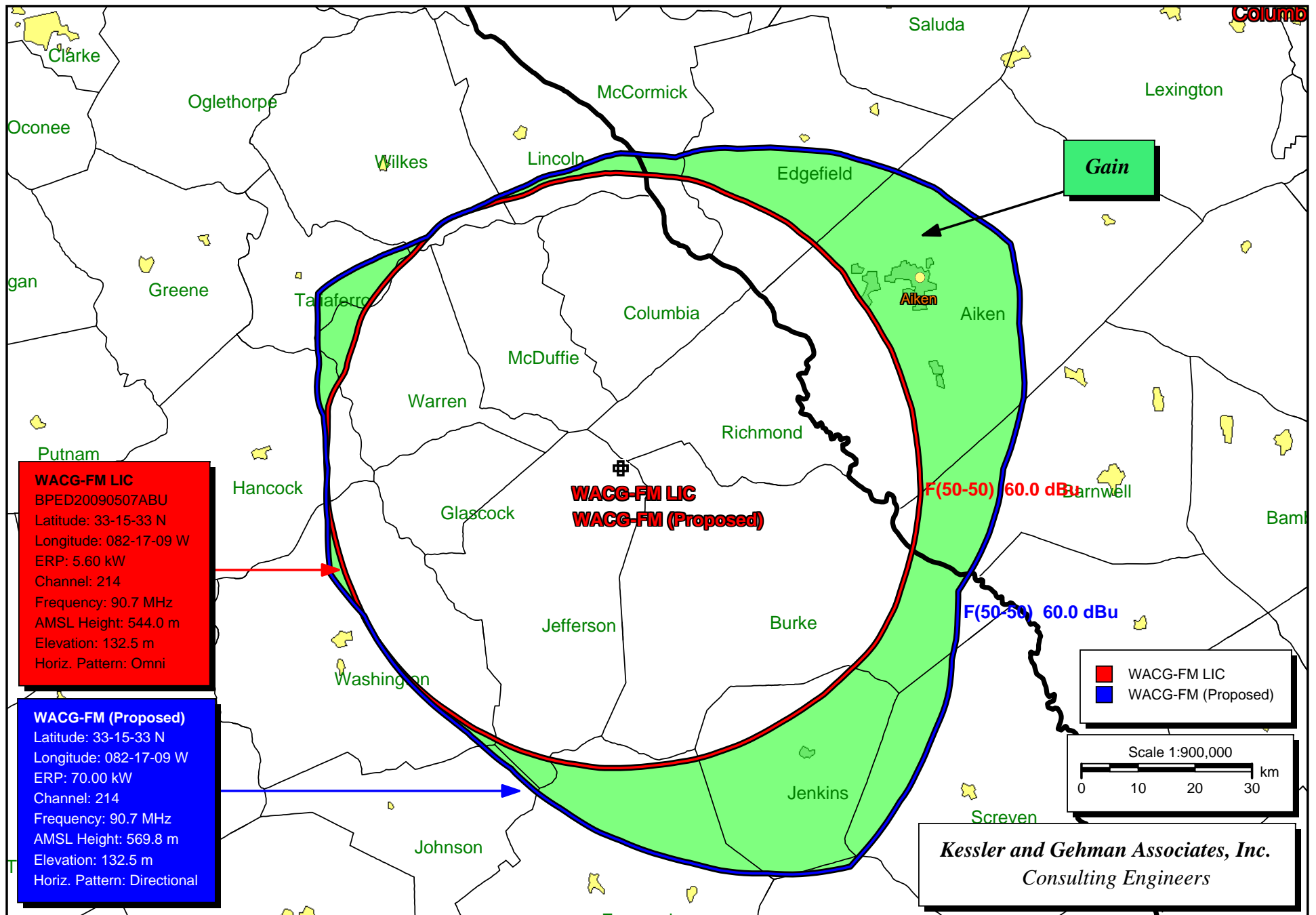
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WACG-FM CHANNEL 214

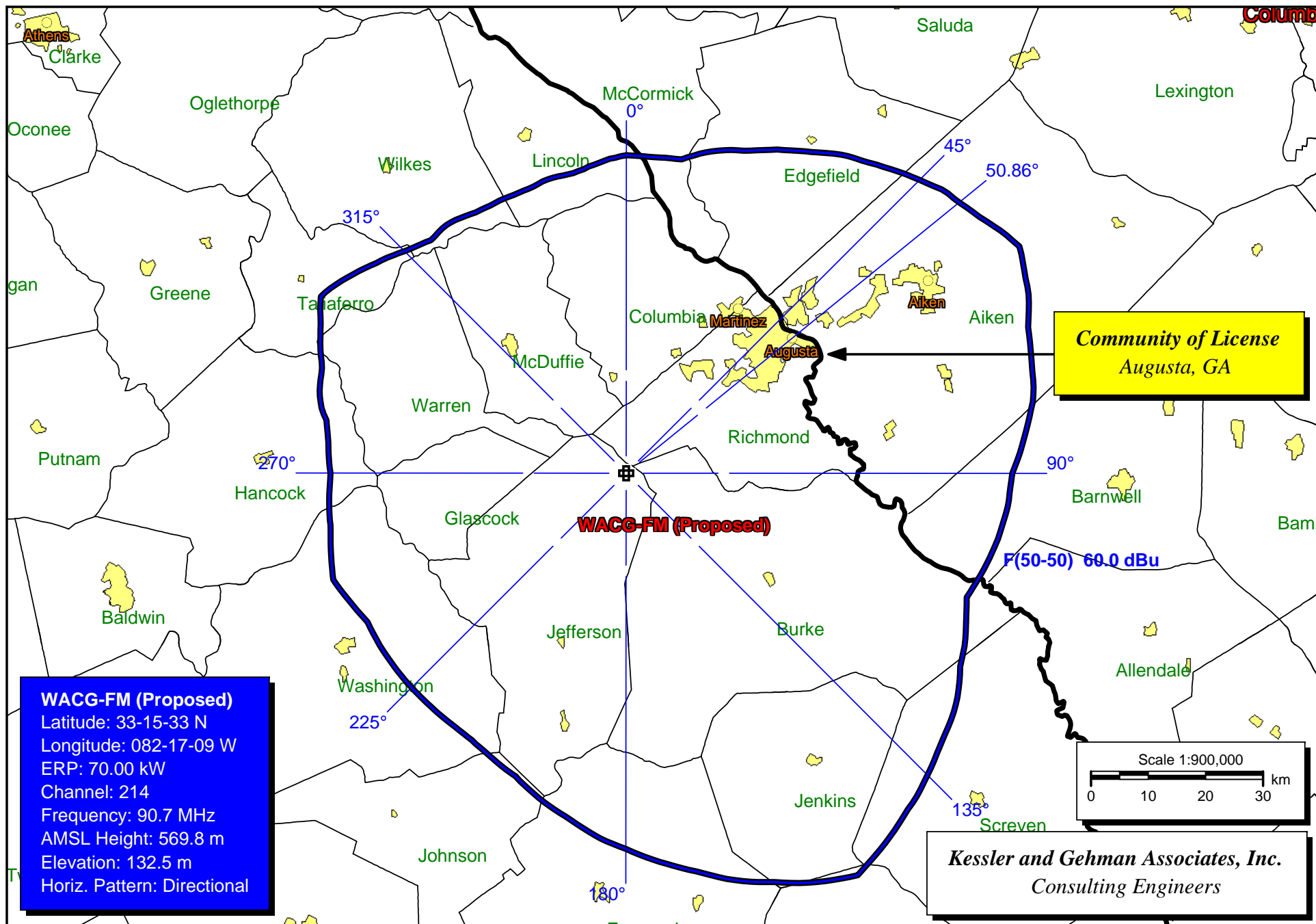
Augusta, Georgia

20090924

EXHIBIT 9



Licensed WACG-FM (red) vs. Proposed WACG-FM (blue) F(50,50) 60 dBuV/m Service Contours



WACG-FM (Proposed) Community of License Map

2 dB/10 deg and 15 dB front-to-back ratio analysis

AZ	Az Pat	kW	dBk	2 dB	
0	0.316	7.0	8.44	1.0	PASS
10	0.316	7.0	8.44	0.0	PASS
20	0.398	11.1	10.45	2.0	PASS
30	0.501	17.6	12.45	2.0	PASS
40	0.631	27.9	14.45	2.0	PASS
50	0.794	44.1	16.45	2.0	PASS
60	1.000	70.0	18.45	2.0	PASS
70	0.794	44.1	16.45	2.0	PASS
80	0.692	33.5	15.25	1.2	PASS
90	0.550	21.2	13.26	2.0	PASS
100	0.500	17.5	12.43	0.8	PASS
110	0.430	12.9	11.12	1.3	PASS
120	0.501	17.6	12.45	1.3	PASS
130	0.631	27.9	14.45	2.0	PASS
140	0.794	44.1	16.45	2.0	PASS
150	1.000	70.0	18.45	2.0	PASS
160	0.794	44.1	16.45	2.0	PASS
170	0.631	27.9	14.45	2.0	PASS
180	0.501	17.6	12.45	2.0	PASS
190	0.398	11.1	10.45	2.0	PASS
200	0.316	7.0	8.44	2.0	PASS
210	0.280	5.5	7.39	1.1	PASS
220	0.270	5.1	7.08	0.3	PASS
230	0.265	4.9	6.92	0.2	PASS
240	0.260	4.7	6.75	0.2	PASS
250	0.300	6.3	7.99	1.2	PASS
260	0.270	5.1	7.08	0.9	PASS
270	0.260	4.7	6.75	0.3	PASS
280	0.273	5.2	7.17	0.4	PASS
290	0.344	8.3	9.18	2.0	PASS
300	0.412	11.9	10.75	1.6	PASS
310	0.327	7.5	8.74	2.0	PASS
320	0.263	4.8	6.85	1.9	PASS
330	0.263	4.8	6.85	0.0	PASS
340	0.283	5.6	7.49	0.6	PASS
350	0.283	5.6	7.49	0.0	PASS
Minimum	0.260	4.7	6.75	0.00	
Maximum	1.000	70.0	18.45	2.01	
15 dB Test:			PASS	11.70	

Kessler and Gehman Associates, Inc.
Telecommunications Consulting Engineers

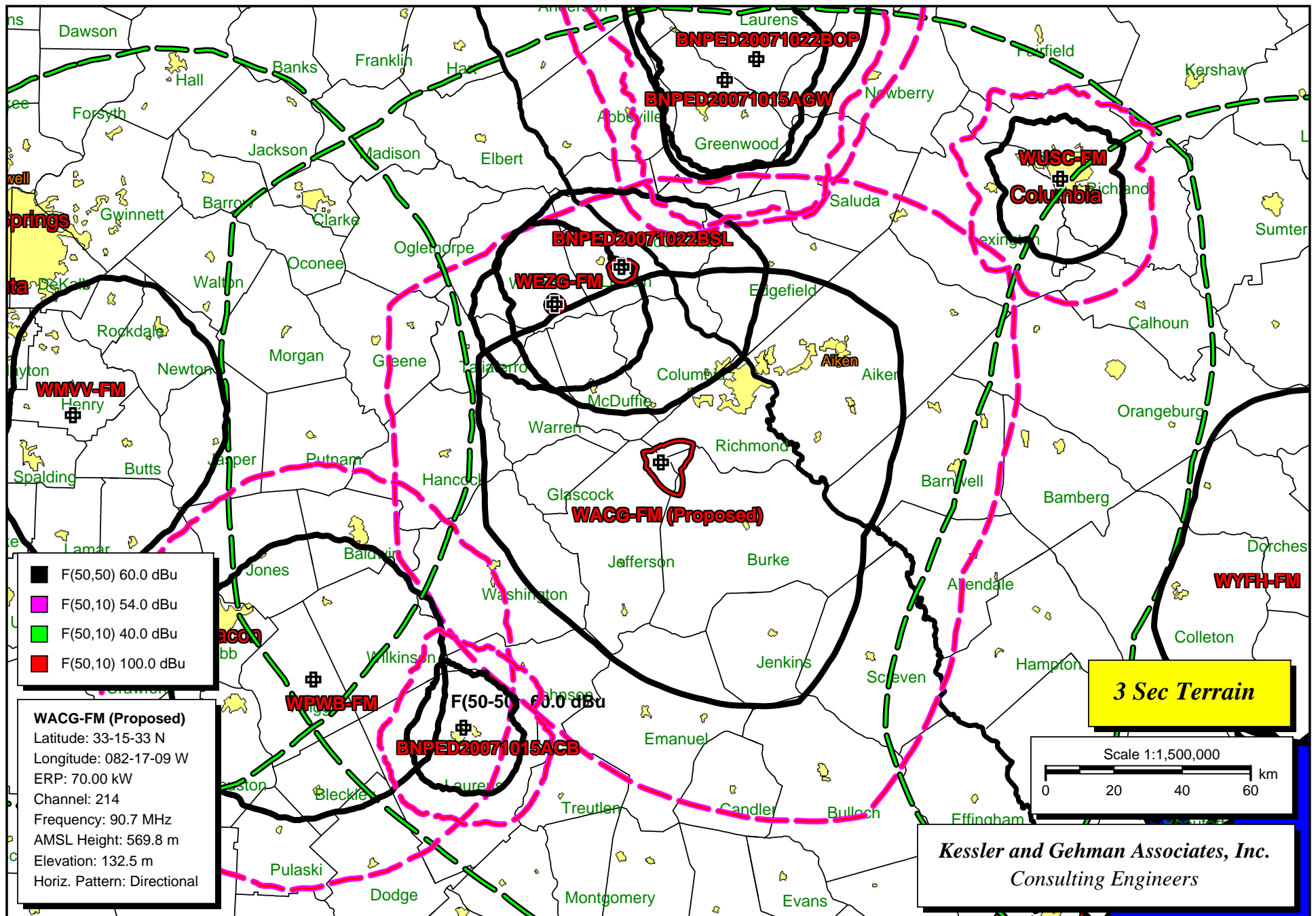
Edgewater Broadcasting, Inc.

proposed

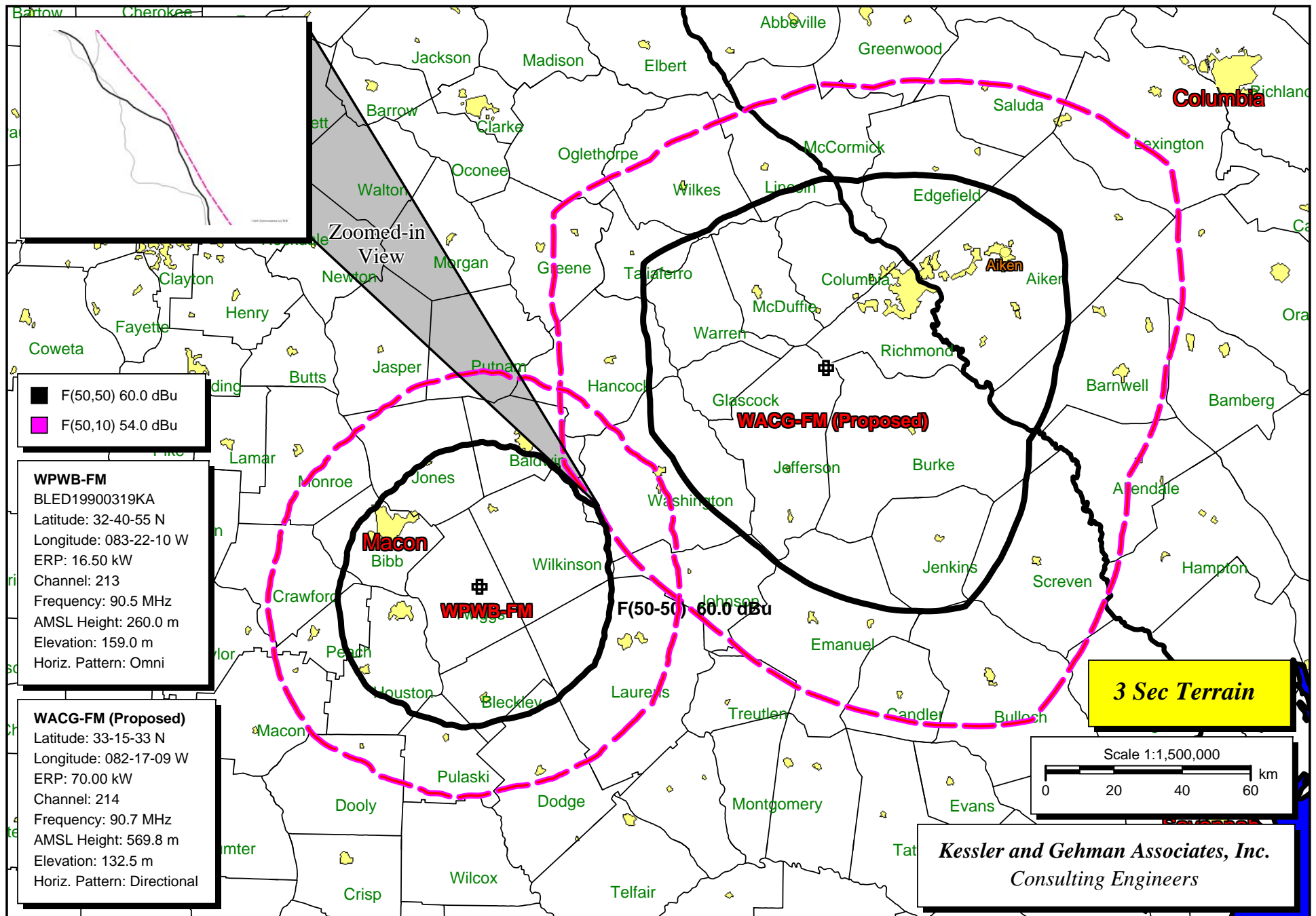
REFERENCE		CH# 214C2 - 90.7 MHz, Pwr= 70 kW, HAAT= 455.2 M, COR= 569.8 M							DISPLAY DATES		
33 15 33.0 N.		Average Protected F(50-50)= 80.2 km							DATA 09-22-09		
82 17 09.0 W.		Standard Directional							SEARCH 09-23-09		
CH	CALL	TYPE	ANT	AZI	DI ST	LAT	PWR(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	(km)
214C2	WACG-FM	LIC	_HX	0.0	0.0	33 15 33.0	5.600	126.4	51.9	-181.8*	-185.0*
Augusta		GA		0.0	BLED20090903AAG	82 17 09.0	429	544	Georgia Public Tel ecommuni		
06 2E	WCES-TV	AP	_HN	0.0	0.0	33 15 33.0	7.900	34.9	85.7	186.5R	-120.6M
Wrens		GA		0.0	BDSTA20090212ABF	82 17 09.0	429	544	Georgia Public Tel ecommuni		
06 2E	WCES-TV	CPM	_HN	0.0	0.0	33 15 33.0	7.900	34.9	85.7	186.5R	-120.6M
Wrens		GA		0.0	BMPEDT20080619AKQ	82 17 09.0	429	544	Georgia Public Tel ecommuni		
213C2	WPWB	LIC	_CN	237.9	119.8	32 40 55.0	16.500	61.5	41.0	6.3	0.3
Byron		GA		57.3	BLED19900319KA	83 22 10.0	138	260	Augusta Radio Fellowshi p I		
215A	1207771	APP	_CX	216.5	96.7	32 33 29.0	3.500	24.0	16.2	19.5	0.6
Dublin		GA		36.2	BNPED20071015ACB	82 54 02.0	50	129	Athens Christian Radio, In		
216C2	NEW	CP	DVX	348.7	58.3	33 46 28.0	28.000	4.6	43.0	0.7	10.8
Mccormick		SC		168.6	BNPED20071022BSL	82 24 36.0	107	228	Mediatr ix Sc, Inc.		
214C2	WMVV	LIC	DCX	274.6	172.5	33 22 12.0	18.000	116.3	44.5	4.2	0.9
Gri ffin		GA		93.6	BLED20030321ABI	84 08 00.0	144	381	Life Radio Mini str ies, Inc		
214C2	WYFH	LIC	DCN	98.9	194.3	32 58 23.0	50.000	107.7	40.2	20.6	1.4
North Charleston		SC		280.0	BLED19911016KA	80 13 54.0	150	158	Bible Broadcasting Network		
212C2	WEZG	CP	DVX	337.9	57.9	33 44 31.9	26.000	3.9	39.1	1.6	14.3
Tignal l		GA		157.8	BMPED20090610ACS	82 31 16.9	126	256	Toccoa Foundation, Inc.		
213C2	1227216	APP	DCX	13.3	121.2	34 19 20.0	42.000	51.0	33.8	12.9	1.7
Greenwood		SC		193.4	BNPED20071022BOP	81 58 57.0	134	294	Radio Train ing Network, In		
213C3	1206572	APP	DEX	9.4	113.4	34 16 03.0	25.000	43.7	27.5	14.2	2.7
Cross Hill		SC		189.5	BNPED20071015AGW	82 04 59.0	63	225	Solid Foundati on Broadcast		
213C2	1295398	APP	DEX	13.3	121.2	34 19 20.0	40.000	49.9	32.5	14.0	3.0
Laurens		SC		193.4	BNPED20071018AMP	81 58 57.0	105	264	Communi ty Broadcast Servi c		
213C2	1209375	APP	DVX	13.3	121.2	34 19 19.9	21.000	48.3	31.9	15.6	3.5
Gray Court		SC		193.4	BNPED20071022BHF	81 58 57.2	136	298	St. Joseph's Cathol ic Scho		
213A	1208087	APP	_VX	9.8	105.4	34 11 44.4	1.000	25.4	17.2	24.5	5.0
Greenwood		SC		189.9	BNPED20071012ADK	82 05 24.3	100	259	Communi ty Impact Foundatio		
213C2	1212244	APP	DEX	10.9	116.6	34 17 28.0	28.000	37.8	24.9	22.8	7.7
Joanna		SC		191.0	BNPED20071018APR	82 02 43.0	105	267	Richburg Educati onal Bdcst		
213A	WUSC-FM	LIC	_CN	54.5	143.2	34 00 02.0	2.500	31.7	21.4	35.2	9.3
Col umbia		SC		235.2	BLED19870817KD	81 01 19.0	77	148	The Uni versi ty Of South Ca		
213A	1215860	APP	DVX	13.3	121.2	34 19 20.0	6.000	38.2	24.9	25.7	10.5
Cross Hill		SC		193.4	BNPED20071022BGU	81 58 57.0	62	224	Benedict College		
213C2	WUOG	LIC	DCN	307.4	127.4	33 56 59.0	26.000	46.0	29.0	23.2	11.4
Athens		GA		126.8	BLED19940103KC	83 22 58.0	55	276	The Uni versi ty Of Georgi a		
214C3	1221051	APP	_CX	202.7	182.6	31 44 19.0	12.000	100.8	35.6	26.3	13.5
Fi tzgeral d		GA		22.3	BNPED20071012DYF	83 01 54.0	100	175	Chri stian Radi o Medi a, Inc		
213A	1210794	APP	_CX	13.3	119.9	34 18 37.0	4.000	25.6	17.4	36.9	16.7
Cross Hill		SC		193.5	BNPED20071019API	81 59 03.0	35	192	Greenwood Broadcasters Ltd		
212C3	NONE	CP	_VX	183.7	85.6	32 29 20.0	18.000	3.2	31.6	18.5	47.5
Vidal ia		GA		3.7	BNPED20071015ACL	82 20 41.0	86	155	Edgewater Broadcasting, In		
215C1	1276862	APP	DVX	218.7	149.5	32 12 17.3	63.000	76.9	50.2	19.6	19.5
Cochran		GA		38.2	BNPED20071019AJX	83 16 49.4	127	220	Cathol ic Radi o Network, In		
215C1	WRAF	LIC	DCX	326.5	179.0	34 35 57.0	100.000	99.3	67.5	26.7	31.6
Toccoa Falls		GA		145.9	BLED20090529AEI	83 21 55.0	172	513	Toccoa Fall s College		
214C0	WFAE	LIC	DCX	32.5	268.4	35 17 14.0	100.000	169.3	71.8	33.1	43.4
Charlotte		NC		213.4	BLED20050223ACA	80 41 45.0	331	544	Uni versi ty Radi o Foundatio		
215A	WNBK	LIC	DEX	26.1	153.4	34 29 52.0	1.800	25.8	17.4	65.0	43.0
Whi tmi re		SC		206.5	BLED20090209AME	81 32 55.0	102	226	Richburg Educati onal Bdcst		

CH CI TY	CALL	TYPE STATE	ANT	AZI <--	DI ST FI LE #	LAT LNG	PWR(kW) HAAT (M)	INT(km) COR (M)	PRO(km) LI CENSEE	Page # *IN* (Overl ap in km)	*OUT*
214C3 Brunswi ck	WAYR-FM	LI C GA	DCX	161.8 342.2	240.9 BLED20031104AAN	31 11 39.0 81 29 30.0	14.000 100	83.4 103	26.8 Good Tidings Trust, Inc	82.6	45.3
213C Simpsonville	1211920	APP SC	_CX	1.5 181.5	143.6 BNPED20071017AGT	34 33 12.0 82 14 43.0	0.860 12	13.6 19	9.8 Lost Boys Broadcast Networ	74.6	50.9
216C0 Savannah	WSVH	LI C GA	DVX	153.0 333.4	138.4 BLED20080909ABI	32 08 48.0 81 37 05.0	96.000 431	6.8 456	63.4 Georgia Public Telecommuni	52.1	64.3
212C1 Orangeburg	WSSB-FM	LI C SC	DEN	78.4 259.2	137.0 BLED19850212KW	33 29 55.0 80 50 30.0	80.000 66	3.5 128	33.6 South Carolina State Unive	61.1	94.5
213C3 Jesup	WTLD	CP GA	_CX	169.9 350.1	187.2 BPED20070111ACX	31 35 49.0 81 56 14.0	7.500 52	29.3 78	19.8 Resurrection House Ministr	87.5	63.5
213A Jesup	WTLD	LI C GA	_CX	169.9 350.1	187.2 BLED20020305AAO	31 35 49.0 81 56 14.0	6.000 52	27.6 78	18.8 Resurrection House Ministr	89.2	64.6
214A Barrettsville	NEW	CP GA	DCX	304.1 123.0	217.5 BNPED20071012AGS	34 20 18.0 84 14 48.0	0.600	23.6 365	7.0 Community Radio Of North G	134.1	69.4

Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference zone = , Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap



Proposed WACG-FM Allocation Study



WACG-FM F(50,50) 60.0 dBu 3 Second Data

Call Letters: WACG-FM (Proposed)
 Latitude: 33-15-33 N
 Longitude: 082-17-09 W
 ERP: 70.00 kW
 Channel: 214
 Frequency: 90.7 MHz
 AMSL Height: 569.8 m
 Elevation: 132.5 m
 HAAT: 455.2 m
 Horiz. Antenna Pattern: Directional

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 50.0 %
 # of Radials Calculated: 360
 Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
0.0	55.4	445.3
1.0	55.3	444.3
2.0	55.3	443.9
3.0	55.3	443.6
4.0	55.2	443.1
5.0	55.2	442.9
6.0	55.3	443.7
7.0	55.3	444.9
8.0	55.4	445.4
9.0	55.4	445.9
10.0	55.5	447.5
11.0	56.0	448.8
12.0	56.5	449.2
13.0	57.1	451.0
14.0	57.6	451.3
15.0	58.0	451.1
16.0	58.4	450.2
17.0	58.8	449.4
18.0	59.2	448.5
19.0	59.5	446.2
20.0	59.7	444.0
21.0	60.2	442.6
22.0	60.6	442.4
23.0	61.1	442.2
24.0	61.6	442.8
25.0	62.2	444.3
26.0	62.6	443.9
27.0	63.1	444.3
28.0	63.6	445.0
29.0	64.1	446.5
30.0	64.6	447.4
31.0	65.2	448.1
32.0	65.7	448.9
33.0	66.3	450.2
34.0	66.9	451.3
35.0	67.4	450.9

WACG-FM F(50,50) 60.0 dBu 3 Second Data

36.0	67.8	449.5
37.0	68.2	447.8
38.0	68.6	447.7
39.0	69.2	448.8
40.0	69.6	449.0
41.0	70.2	448.6
42.0	70.7	448.4
43.0	71.2	448.3
44.0	71.7	447.7
45.0	72.2	447.8
46.0	72.7	447.6
47.0	73.3	448.3
48.0	73.9	450.1
49.0	74.3	448.7
50.0	74.5	445.3
51.0	74.8	442.4
52.0	75.2	440.8
53.0	75.6	438.8
54.0	76.0	437.1
55.0	76.5	437.7
56.0	77.1	438.3
57.0	77.7	439.7
58.0	78.2	440.0
59.0	78.6	439.7
60.0	79.1	440.1
61.0	78.7	441.0
62.0	78.2	440.9
63.0	77.8	441.3
64.0	77.4	442.3
65.0	77.1	444.7
66.0	76.7	446.3
67.0	76.2	446.3
68.0	75.6	445.7
69.0	75.0	445.4
70.0	74.5	445.6
71.0	74.2	445.9
72.0	73.9	446.0
73.0	73.7	446.1
74.0	73.4	446.7
75.0	73.1	447.4
76.0	72.9	448.4
77.0	72.7	450.2
78.0	72.5	451.7
79.0	72.2	452.1
80.0	71.9	452.0
81.0	71.4	451.4
82.0	70.9	451.4
83.0	70.5	451.8
84.0	70.0	452.0
85.0	69.5	452.6
86.0	69.1	453.7
87.0	68.7	454.7
88.0	68.2	455.6
89.0	67.7	456.6
90.0	67.3	457.9
91.0	67.1	458.6
92.0	67.0	459.5

WACG-FM F(50,50) 60.0 dBu 3 Second Data

93.0	66.9	461.1
94.0	66.8	463.4
95.0	66.7	464.5
96.0	66.5	464.7
97.0	66.3	464.7
98.0	66.1	465.0
99.0	65.9	465.5
100.0	65.8	466.2
101.0	65.5	466.7
102.0	65.3	467.6
103.0	65.0	468.6
104.0	64.8	469.5
105.0	64.5	470.2
106.0	64.2	470.7
107.0	63.9	471.2
108.0	63.7	472.0
109.0	63.4	473.1
110.0	63.1	474.0
111.0	63.5	474.9
112.0	63.9	476.1
113.0	64.4	477.4
114.0	64.8	479.1
115.0	65.3	481.4
116.0	65.8	483.6
117.0	66.2	484.9
118.0	66.5	485.3
119.0	66.8	485.6
120.0	67.2	486.3
121.0	67.8	487.4
122.0	68.5	488.4
123.0	69.1	489.1
124.0	69.6	489.7
125.0	70.1	489.5
126.0	70.6	488.5
127.0	71.0	487.3
128.0	71.3	485.2
129.0	71.7	483.4
130.0	72.0	481.8
131.0	72.4	479.7
132.0	72.9	477.8
133.0	73.4	477.1
134.0	73.8	476.3
135.0	74.3	474.9
136.0	74.7	474.3
137.0	75.2	474.1
138.0	75.7	474.0
139.0	76.1	472.6
140.0	76.4	470.6
141.0	76.8	469.2
142.0	77.3	468.0
143.0	77.8	467.4
144.0	78.2	466.4
145.0	78.7	465.5
146.0	79.1	464.6
147.0	79.5	463.7
148.0	79.9	463.1
149.0	80.3	462.7

WACG-FM F(50,50) 60.0 dBu 3 Second Data

150.0	80.8	462.9
151.0	80.4	463.1
152.0	79.9	463.0
153.0	79.4	463.0
154.0	79.0	463.3
155.0	78.5	463.5
156.0	78.0	463.4
157.0	77.5	463.3
158.0	76.9	462.8
159.0	76.3	462.2
160.0	75.7	462.1
161.0	75.3	461.9
162.0	74.8	462.3
163.0	74.4	462.5
164.0	73.9	462.5
165.0	73.3	462.2
166.0	72.8	461.9
167.0	72.2	461.0
168.0	71.5	459.8
169.0	71.0	459.3
170.0	70.4	459.2
171.0	69.9	458.9
172.0	69.4	458.5
173.0	68.9	458.0
174.0	68.4	458.1
175.0	67.9	458.5
176.0	67.4	458.7
177.0	66.9	459.0
178.0	66.4	459.4
179.0	65.9	459.8
180.0	65.4	460.2
181.0	65.0	460.5
182.0	64.6	460.8
183.0	64.2	461.7
184.0	63.7	461.9
185.0	63.2	461.4
186.0	62.7	460.6
187.0	62.2	459.8
188.0	61.7	459.3
189.0	61.2	459.4
190.0	60.7	459.8
191.0	60.3	459.9
192.0	59.9	460.0
193.0	59.4	460.1
194.0	59.0	460.3
195.0	58.6	460.1
196.0	58.1	459.9
197.0	57.6	459.6
198.0	57.1	459.6
199.0	56.7	460.1
200.0	56.2	459.6
201.0	55.9	459.2
202.0	55.7	458.9
203.0	55.4	458.2
204.0	55.1	457.2
205.0	54.8	456.2
206.0	54.6	455.4

WACG-FM F(50,50) 60.0 dBu 3 Second Data

207.0	54.3	455.2
208.0	54.1	455.8
209.0	53.9	456.6
210.0	53.7	456.4
211.0	53.6	455.6
212.0	53.5	454.8
213.0	53.4	454.4
214.0	53.3	454.1
215.0	53.2	454.3
216.0	53.2	454.8
217.0	53.1	455.4
218.0	53.1	455.8
219.0	53.0	456.1
220.0	53.0	456.2
221.0	52.9	456.3
222.0	52.9	456.2
223.0	52.9	456.2
224.0	52.8	456.3
225.0	52.8	456.2
226.0	52.8	456.4
227.0	52.7	456.2
228.0	52.7	456.1
229.0	52.6	456.0
230.0	52.6	455.5
231.0	52.5	455.1
232.0	52.5	454.9
233.0	52.4	454.8
234.0	52.4	454.7
235.0	52.3	454.5
236.0	52.3	453.5
237.0	52.2	452.6
238.0	52.1	452.1
239.0	52.0	451.6
240.0	52.0	450.8
241.0	52.1	448.8
242.0	52.4	447.6
243.0	52.6	446.9
244.0	52.8	445.7
245.0	53.0	444.8
246.0	53.3	444.4
247.0	53.5	444.2
248.0	53.8	444.2
249.0	54.0	444.0
250.0	54.3	443.7
251.0	54.1	443.1
252.0	53.8	442.6
253.0	53.6	442.4
254.0	53.4	442.1
255.0	53.2	442.1
256.0	53.0	442.1
257.0	52.8	442.1
258.0	52.6	442.1
259.0	52.4	442.6
260.0	52.3	443.5
261.0	52.2	444.3
262.0	52.2	444.3
263.0	52.1	444.0

WACG-FM F(50,50) 60.0 dBu 3 Second Data

264.0	52.0	443.7
265.0	51.9	443.5
266.0	51.8	443.0
267.0	51.7	442.5
268.0	51.6	441.9
269.0	51.5	441.9
270.0	51.5	442.4
271.0	51.6	443.1
272.0	51.8	443.7
273.0	51.8	443.6
274.0	52.0	444.1
275.0	52.0	443.9
276.0	52.2	444.4
277.0	52.3	445.9
278.0	52.5	448.0
279.0	52.8	450.4
280.0	53.0	452.9
281.0	53.7	456.2
282.0	54.2	457.8
283.0	54.6	456.3
284.0	55.0	454.7
285.0	55.3	451.9
286.0	55.5	448.0
287.0	55.7	443.6
288.0	55.8	439.0
289.0	56.0	435.5
290.0	56.4	435.5
291.0	57.0	438.2
292.0	57.4	440.1
293.0	57.9	441.3
294.0	58.3	442.6
295.0	58.8	444.4
296.0	59.2	446.2
297.0	59.8	449.8
298.0	60.4	454.2
299.0	60.9	457.4
300.0	61.4	460.6
301.0	61.1	462.4
302.0	60.7	463.0
303.0	60.3	462.8
304.0	59.8	462.3
305.0	59.3	461.8
306.0	58.8	461.1
307.0	58.4	461.1
308.0	57.9	460.7
309.0	57.4	460.2
310.0	56.9	460.2
311.0	56.5	460.0
312.0	56.0	459.3
313.0	55.6	457.7
314.0	55.1	456.7
315.0	54.6	455.7
316.0	54.2	455.9
317.0	53.9	457.5
318.0	53.6	459.7
319.0	53.3	462.2
320.0	52.9	464.3

WACG-FM F(50,50) 60.0 dBu 3 Second Data

321.0	53.0	466.0
322.0	53.2	468.7
323.0	53.3	471.0
324.0	53.3	471.6
325.0	53.3	470.6
326.0	53.2	468.5
327.0	53.0	465.0
328.0	52.8	461.7
329.0	52.6	458.5
330.0	52.4	455.0
331.0	52.4	451.7
332.0	52.3	448.2
333.0	52.3	444.5
334.0	52.3	442.4
335.0	52.3	440.9
336.0	52.3	438.0
337.0	52.3	434.8
338.0	52.3	431.8
339.0	52.3	429.8
340.0	52.3	428.2
341.0	52.3	428.6
342.0	52.4	430.3
343.0	52.6	433.6
344.0	52.8	437.6
345.0	52.9	439.5
346.0	53.0	440.6
347.0	53.0	440.9
348.0	53.0	440.2
349.0	53.0	440.8
350.0	53.0	441.3
351.0	53.3	441.3
352.0	53.4	440.3
353.0	53.8	443.1
354.0	54.0	442.9
355.0	54.2	443.6
356.0	54.5	445.2
357.0	54.8	446.5
358.0	54.9	445.2
359.0	55.2	446.0

Average HAAT for radials shown: 454.7 m

WACG-FM F(50,10) 54.0 dBu 3 Second Data

Call Letters: WACG-FM (Proposed)
Latitude: 33-15-33 N
Longitude: 082-17-09 W
ERP: 70.00 kW
Channel: 214
Frequency: 90.7 MHz
AMSL Height: 569.8 m
Elevation: 132.5 m
HAAT: 455.2 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 54.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
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0.0	83.0	445.3
1.0	82.9	444.3
2.0	82.8	443.9
3.0	82.8	443.6
4.0	82.8	443.1
5.0	82.7	442.9
6.0	82.8	443.7
7.0	82.9	444.9
8.0	83.0	445.4
9.0	83.0	445.9
10.0	83.2	447.5
11.0	84.0	448.8
12.0	84.7	449.2
13.0	85.5	451.0
14.0	86.1	451.3
15.0	86.8	451.1
16.0	87.3	450.2
17.0	87.8	449.4
18.0	88.3	448.5
19.0	88.7	446.2
20.0	89.0	444.0
21.0	89.6	442.6
22.0	90.2	442.4
23.0	90.9	442.2
24.0	91.6	442.8
25.0	92.4	444.3
26.0	92.9	443.9
27.0	93.6	444.3
28.0	94.3	445.0
29.0	95.0	446.5
30.0	95.7	447.4
31.0	96.5	448.1
32.0	97.3	448.9
33.0	98.2	450.2
34.0	99.0	451.3
35.0	99.6	450.9

WACG-FM F(50,10) 54.0 dBu 3 Second Data

36.0	100.1	449.5
37.0	100.6	447.8
38.0	101.3	447.7
39.0	102.0	448.8
40.0	102.7	449.0
41.0	103.4	448.6
42.0	104.2	448.4
43.0	104.9	448.3
44.0	105.6	447.7
45.0	106.4	447.8
46.0	107.1	447.6
47.0	107.9	448.3
48.0	108.8	450.1
49.0	109.3	448.7
50.0	109.6	445.3
51.0	110.2	442.4
52.0	110.8	440.8
53.0	111.4	438.8
54.0	112.0	437.1
55.0	112.9	437.7
56.0	113.7	438.3
57.0	114.6	439.7
58.0	115.4	440.0
59.0	116.1	439.7
60.0	116.8	440.1
61.0	116.2	441.0
62.0	115.5	440.9
63.0	114.8	441.3
64.0	114.1	442.3
65.0	113.6	444.7
66.0	113.0	446.3
67.0	112.2	446.3
68.0	111.4	445.7
69.0	110.5	445.4
70.0	109.7	445.6
71.0	109.3	445.9
72.0	108.8	446.0
73.0	108.4	446.1
74.0	108.1	446.7
75.0	107.7	447.4
76.0	107.3	448.4
77.0	107.1	450.2
78.0	106.8	451.7
79.0	106.4	452.1
80.0	105.9	452.0
81.0	105.2	451.4
82.0	104.5	451.4
83.0	103.9	451.8
84.0	103.2	452.0
85.0	102.6	452.6
86.0	102.0	453.7
87.0	101.4	454.7
88.0	100.8	455.6
89.0	100.1	456.6
90.0	99.5	457.9
91.0	99.3	458.6
92.0	99.1	459.5

WACG-FM F(50,10) 54.0 dBu 3 Second Data

93.0	99.0	461.1
94.0	99.0	463.4
95.0	98.8	464.5
96.0	98.6	464.7
97.0	98.3	464.7
98.0	98.0	465.0
99.0	97.8	465.5
100.0	97.6	466.2
101.0	97.2	466.7
102.0	96.9	467.6
103.0	96.6	468.6
104.0	96.2	469.5
105.0	95.9	470.2
106.0	95.5	470.7
107.0	95.1	471.2
108.0	94.7	472.0
109.0	94.4	473.1
110.0	94.0	474.0
111.0	94.5	474.9
112.0	95.1	476.1
113.0	95.7	477.4
114.0	96.3	479.1
115.0	96.9	481.4
116.0	97.5	483.6
117.0	98.1	484.9
118.0	98.6	485.3
119.0	99.0	485.6
120.0	99.5	486.3
121.0	100.4	487.4
122.0	101.2	488.4
123.0	102.0	489.1
124.0	102.8	489.7
125.0	103.5	489.5
126.0	104.1	488.5
127.0	104.7	487.3
128.0	105.1	485.2
129.0	105.6	483.4
130.0	106.1	481.8
131.0	106.7	479.7
132.0	107.3	477.8
133.0	108.0	477.1
134.0	108.7	476.3
135.0	109.3	474.9
136.0	109.9	474.3
137.0	110.6	474.1
138.0	111.3	474.0
139.0	111.9	472.6
140.0	112.4	470.6
141.0	113.1	469.2
142.0	113.8	468.0
143.0	114.5	467.4
144.0	115.2	466.4
145.0	115.9	465.5
146.0	116.6	464.6
147.0	117.2	463.7
148.0	117.9	463.1
149.0	118.6	462.7

WACG-FM F(50,10) 54.0 dBu 3 Second Data

150.0	119.3	462.9
151.0	118.6	463.1
152.0	117.9	463.0
153.0	117.2	463.0
154.0	116.4	463.3
155.0	115.7	463.5
156.0	114.9	463.4
157.0	114.1	463.3
158.0	113.2	462.8
159.0	112.3	462.2
160.0	111.4	462.1
161.0	110.7	461.9
162.0	110.1	462.3
163.0	109.4	462.5
164.0	108.7	462.5
165.0	107.9	462.2
166.0	107.2	461.9
167.0	106.3	461.0
168.0	105.4	459.8
169.0	104.6	459.3
170.0	103.8	459.2
171.0	103.1	458.9
172.0	102.4	458.5
173.0	101.7	458.0
174.0	101.0	458.1
175.0	100.4	458.5
176.0	99.7	458.7
177.0	99.1	459.0
178.0	98.4	459.4
179.0	97.7	459.8
180.0	97.0	460.2
181.0	96.5	460.5
182.0	95.9	460.8
183.0	95.4	461.7
184.0	94.8	461.9
185.0	94.1	461.4
186.0	93.3	460.6
187.0	92.6	459.8
188.0	91.9	459.3
189.0	91.2	459.4
190.0	90.5	459.8
191.0	90.0	459.9
192.0	89.4	460.0
193.0	88.8	460.1
194.0	88.2	460.3
195.0	87.6	460.1
196.0	86.9	459.9
197.0	86.3	459.6
198.0	85.6	459.6
199.0	85.0	460.1
200.0	84.2	459.6
201.0	83.9	459.2
202.0	83.5	458.9
203.0	83.2	458.2
204.0	82.8	457.2
205.0	82.3	456.2
206.0	82.0	455.4

WACG-FM F(50,10) 54.0 dBu 3 Second Data

207.0	81.6	455.2
208.0	81.3	455.8
209.0	81.1	456.6
210.0	80.7	456.4
211.0	80.5	455.6
212.0	80.4	454.8
213.0	80.2	454.4
214.0	80.1	454.1
215.0	80.0	454.3
216.0	80.0	454.8
217.0	79.9	455.4
218.0	79.9	455.8
219.0	79.8	456.1
220.0	79.7	456.2
221.0	79.7	456.3
222.0	79.6	456.2
223.0	79.5	456.2
224.0	79.5	456.3
225.0	79.5	456.2
226.0	79.4	456.4
227.0	79.4	456.2
228.0	79.3	456.1
229.0	79.2	456.0
230.0	79.1	455.5
231.0	79.1	455.1
232.0	79.0	454.9
233.0	78.9	454.8
234.0	78.9	454.7
235.0	78.8	454.5
236.0	78.7	453.5
237.0	78.5	452.6
238.0	78.4	452.1
239.0	78.3	451.6
240.0	78.2	450.8
241.0	78.5	448.8
242.0	78.8	447.6
243.0	79.1	446.9
244.0	79.4	445.7
245.0	79.7	444.8
246.0	80.0	444.4
247.0	80.4	444.2
248.0	80.8	444.2
249.0	81.1	444.0
250.0	81.4	443.7
251.0	81.1	443.1
252.0	80.8	442.6
253.0	80.5	442.4
254.0	80.2	442.1
255.0	79.9	442.1
256.0	79.6	442.1
257.0	79.4	442.1
258.0	79.1	442.1
259.0	78.8	442.6
260.0	78.6	443.5
261.0	78.6	444.3
262.0	78.5	444.3
263.0	78.4	444.0

WACG-FM F(50,10) 54.0 dBu 3 Second Data

264.0	78.2	443.7
265.0	78.1	443.5
266.0	78.0	443.0
267.0	77.8	442.5
268.0	77.7	441.9
269.0	77.6	441.9
270.0	77.5	442.4
271.0	77.7	443.1
272.0	77.9	443.7
273.0	78.0	443.6
274.0	78.2	444.1
275.0	78.3	443.9
276.0	78.5	444.4
277.0	78.7	445.9
278.0	79.0	448.0
279.0	79.4	450.4
280.0	79.7	452.9
281.0	80.7	456.2
282.0	81.5	457.8
283.0	82.0	456.3
284.0	82.5	454.7
285.0	82.9	451.9
286.0	83.2	448.0
287.0	83.4	443.6
288.0	83.5	439.0
289.0	83.8	435.5
290.0	84.3	435.5
291.0	85.1	438.2
292.0	85.8	440.1
293.0	86.4	441.3
294.0	87.0	442.6
295.0	87.7	444.4
296.0	88.3	446.2
297.0	89.1	449.8
298.0	90.0	454.2
299.0	90.8	457.4
300.0	91.6	460.6
301.0	91.2	462.4
302.0	90.6	463.0
303.0	90.0	462.8
304.0	89.3	462.3
305.0	88.7	461.8
306.0	88.0	461.1
307.0	87.3	461.1
308.0	86.6	460.7
309.0	85.9	460.2
310.0	85.2	460.2
311.0	84.6	460.0
312.0	84.0	459.3
313.0	83.3	457.7
314.0	82.7	456.7
315.0	82.0	455.7
316.0	81.5	455.9
317.0	81.0	457.5
318.0	80.6	459.7
319.0	80.1	462.2
320.0	79.7	464.3

WACG-FM F(50,10) 54.0 dBu 3 Second Data

321.0	79.8	466.0
322.0	80.0	468.7
323.0	80.2	471.0
324.0	80.3	471.6
325.0	80.2	470.6
326.0	80.0	468.5
327.0	79.7	465.0
328.0	79.5	461.7
329.0	79.2	458.5
330.0	78.9	455.0
331.0	78.8	451.7
332.0	78.7	448.2
333.0	78.6	444.5
334.0	78.6	442.4
335.0	78.7	440.9
336.0	78.6	438.0
337.0	78.5	434.8
338.0	78.5	431.8
339.0	78.5	429.8
340.0	78.5	428.2
341.0	78.5	428.6
342.0	78.7	430.3
343.0	79.0	433.6
344.0	79.3	437.6
345.0	79.5	439.5
346.0	79.6	440.6
347.0	79.6	440.9
348.0	79.6	440.2
349.0	79.6	440.8
350.0	79.7	441.3
351.0	80.0	441.3
352.0	80.2	440.3
353.0	80.7	443.1
354.0	81.0	442.9
355.0	81.4	443.6
356.0	81.8	445.2
357.0	82.2	446.5
358.0	82.4	445.2
359.0	82.7	446.0

Average HAAT for radials shown: 454.7 m

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

Call Letters: WPWB-FM
 File Number: BLED19900319KA
 Latitude: 32-40-55 N
 Longitude: 083-22-10 W
 ERP: 16.50 kW
 Channel: 213
 Frequency: 90.5 MHz
 AMSL Height: 260.0 m
 Elevation: 159.0 m
 HAAT: 138.0 m
 Horiz. Antenna Pattern: Omni

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 50.0 %
 # of Radials Calculated: 360
 Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	42.2	148.6
1.0	42.4	149.6
2.0	42.1	147.7
3.0	42.0	146.6
4.0	42.1	147.7
5.0	42.3	148.8
6.0	42.2	148.1
7.0	41.8	145.0
8.0	41.4	142.2
9.0	41.4	141.9
10.0	41.4	141.6
11.0	41.6	143.8
12.0	42.1	147.3
13.0	42.1	147.3
14.0	42.1	147.3
15.0	41.8	145.4
16.0	41.4	142.3
17.0	41.2	140.7
18.0	41.1	139.3
19.0	41.1	139.8
20.0	41.3	141.2
21.0	41.5	142.9
22.0	41.8	145.0
23.0	42.0	146.8
24.0	42.1	147.5
25.0	42.0	146.8
26.0	41.9	145.8
27.0	41.8	144.9
28.0	41.7	144.7
29.0	41.6	143.4
30.0	41.2	140.2
31.0	41.0	138.7
32.0	41.0	138.9
33.0	41.0	138.5
34.0	40.9	137.8

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

35.0	40.8	137.6
36.0	40.6	135.6
37.0	40.4	133.9
38.0	40.2	132.4
39.0	40.1	131.9
40.0	40.3	133.7
41.0	40.5	134.6
42.0	40.5	134.6
43.0	40.2	132.4
44.0	39.9	129.9
45.0	39.6	128.0
46.0	39.3	125.1
47.0	39.2	124.2
48.0	39.3	125.3
49.0	39.6	127.5
50.0	39.9	130.2
51.0	40.0	130.9
52.0	40.3	133.1
53.0	40.6	135.7
54.0	41.1	139.3
55.0	41.4	141.8
56.0	41.3	141.4
57.0	41.2	140.2
58.0	40.9	138.0
59.0	40.9	137.7
60.0	40.8	137.5
61.0	40.7	136.4
62.0	40.6	135.7
63.0	40.7	136.8
64.0	40.9	138.1
65.0	40.8	137.4
66.0	40.5	134.8
67.0	40.3	133.5
68.0	40.4	133.7
69.0	40.1	132.1
70.0	40.0	130.5
71.0	39.6	127.9
72.0	39.1	123.5
73.0	38.7	120.4
74.0	38.9	121.8
75.0	39.1	123.2
76.0	39.0	122.7
77.0	38.9	122.0
78.0	38.9	121.8
79.0	38.5	119.1
80.0	38.1	115.5
81.0	37.9	113.8
82.0	37.9	113.9
83.0	38.0	114.9
84.0	38.3	117.1
85.0	38.4	118.2
86.0	38.4	118.1
87.0	38.5	118.7
88.0	38.5	119.0
89.0	38.6	119.2
90.0	38.6	119.7
91.0	38.7	120.2

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

92.0	38.6	119.9
93.0	38.5	118.8
94.0	38.5	118.8
95.0	38.6	119.4
96.0	38.8	121.4
97.0	38.8	121.1
98.0	38.6	119.7
99.0	38.6	119.7
100.0	38.6	119.8
101.0	38.6	119.8
102.0	38.8	120.7
103.0	38.9	122.1
104.0	38.9	121.6
105.0	38.8	121.2
106.0	38.8	121.0
107.0	38.7	120.6
108.0	38.7	120.3
109.0	38.8	120.8
110.0	38.9	122.0
111.0	39.3	125.1
112.0	39.4	126.4
113.0	39.3	125.5
114.0	39.5	126.5
115.0	39.6	127.9
116.0	39.8	129.2
117.0	39.8	129.5
118.0	39.9	130.5
119.0	40.1	131.6
120.0	40.2	132.8
121.0	40.3	133.0
122.0	40.3	133.3
123.0	40.5	134.8
124.0	40.7	136.5
125.0	40.4	134.4
126.0	40.1	132.0
127.0	40.0	130.9
128.0	39.9	130.0
129.0	39.9	129.9
130.0	39.8	129.5
131.0	39.7	128.6
132.0	39.7	128.2
133.0	39.6	127.6
134.0	39.6	127.6
135.0	39.6	127.7
136.0	39.6	127.4
137.0	39.6	127.3
138.0	39.5	127.1
139.0	39.5	126.6
140.0	39.4	126.2
141.0	39.4	126.3
142.0	39.5	126.9
143.0	39.7	128.2
144.0	39.9	130.4
145.0	40.0	131.0
146.0	39.9	130.4
147.0	39.9	130.0
148.0	39.8	129.5

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

149.0	39.7	128.4
150.0	39.6	127.4
151.0	39.5	127.2
152.0	39.6	127.4
153.0	39.6	128.0
154.0	39.7	128.5
155.0	39.7	128.7
156.0	39.7	128.8
157.0	39.7	128.6
158.0	39.9	129.9
159.0	39.8	129.6
160.0	39.7	128.4
161.0	39.7	128.1
162.0	39.6	128.0
163.0	39.6	127.7
164.0	39.6	127.5
165.0	39.6	127.6
166.0	39.6	127.5
167.0	39.5	126.9
168.0	39.4	126.1
169.0	39.3	124.9
170.0	39.3	124.9
171.0	39.3	125.4
172.0	39.4	126.4
173.0	39.5	127.1
174.0	39.7	128.2
175.0	39.8	129.6
176.0	40.0	131.1
177.0	40.3	133.2
178.0	40.5	134.9
179.0	40.6	136.0
180.0	40.7	136.8
181.0	40.7	136.8
182.0	40.7	136.7
183.0	40.8	137.5
184.0	41.1	139.2
185.0	41.3	141.3
186.0	41.4	141.8
187.0	41.5	142.6
188.0	41.4	141.9
189.0	41.3	140.8
190.0	41.1	139.8
191.0	41.2	140.0
192.0	41.3	141.4
193.0	41.5	143.0
194.0	41.6	143.4
195.0	41.3	141.0
196.0	41.2	140.3
197.0	41.1	139.5
198.0	41.1	139.6
199.0	41.1	139.6
200.0	41.1	139.8
201.0	41.1	140.0
202.0	41.3	141.0
203.0	41.4	141.8
204.0	41.5	142.9
205.0	41.6	143.5

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

206.0	41.7	143.9
207.0	41.9	145.8
208.0	42.0	147.0
209.0	42.0	146.9
210.0	41.5	142.5
211.0	41.0	138.9
212.0	40.8	137.6
213.0	40.9	137.9
214.0	41.1	139.4
215.0	41.4	142.0
216.0	41.7	144.3
217.0	42.0	146.3
218.0	42.2	147.9
219.0	42.2	148.2
220.0	42.3	148.9
221.0	42.6	151.0
222.0	43.0	154.9
223.0	43.3	156.9
224.0	43.5	158.8
225.0	43.6	159.8
226.0	43.7	160.6
227.0	43.9	161.9
228.0	44.0	162.8
229.0	44.0	162.6
230.0	43.9	161.8
231.0	43.7	160.7
232.0	43.6	160.0
233.0	43.5	158.9
234.0	43.5	159.0
235.0	43.5	158.8
236.0	43.4	158.1
237.0	43.4	157.5
238.0	43.3	157.3
239.0	43.3	157.1
240.0	43.3	156.8
241.0	43.2	156.7
242.0	43.2	156.0
243.0	43.1	155.4
244.0	43.1	155.1
245.0	43.1	155.6
246.0	43.0	154.9
247.0	42.9	153.7
248.0	42.7	152.4
249.0	42.6	151.6
250.0	42.6	151.2
251.0	42.5	150.4
252.0	42.3	149.3
253.0	42.1	147.8
254.0	42.0	146.7
255.0	41.8	145.4
256.0	41.7	144.4
257.0	41.6	143.8
258.0	41.6	143.5
259.0	41.5	143.1
260.0	41.6	143.3
261.0	41.6	143.5
262.0	41.6	143.5

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

263.0	41.7	144.0
264.0	41.7	143.9
265.0	41.6	143.4
266.0	41.5	142.4
267.0	41.4	141.7
268.0	41.3	141.0
269.0	41.1	139.4
270.0	40.9	137.8
271.0	40.8	137.1
272.0	40.7	136.4
273.0	40.5	134.8
274.0	40.3	133.1
275.0	40.1	131.8
276.0	40.1	131.7
277.0	40.0	130.8
278.0	39.7	128.8
279.0	39.6	127.8
280.0	39.6	127.8
281.0	39.6	127.9
282.0	39.7	128.7
283.0	39.8	129.0
284.0	40.0	131.0
285.0	40.0	131.0
286.0	40.0	130.9
287.0	39.9	130.3
288.0	39.9	130.4
289.0	39.8	129.2
290.0	39.7	128.3
291.0	39.8	129.7
292.0	40.0	130.6
293.0	40.2	132.2
294.0	40.2	132.2
295.0	40.0	130.9
296.0	39.9	130.2
297.0	39.9	130.4
298.0	39.8	129.1
299.0	39.7	128.7
300.0	39.4	126.3
301.0	39.1	124.0
302.0	39.0	122.8
303.0	39.0	123.0
304.0	39.0	122.6
305.0	38.8	121.1
306.0	38.4	117.9
307.0	38.1	115.3
308.0	38.0	115.1
309.0	38.3	117.2
310.0	38.2	116.7
311.0	38.4	117.5
312.0	38.5	118.9
313.0	38.6	119.7
314.0	38.5	118.9
315.0	38.5	118.6
316.0	38.2	116.4
317.0	38.0	114.6
318.0	37.9	113.9
319.0	37.8	113.7

WPWB-FM F(50,50) 60.0 dBu 3 Second Data

320.0	38.0	115.1
321.0	38.4	118.0
322.0	38.3	117.0
323.0	38.2	116.0
324.0	38.2	116.1
325.0	38.5	118.4
326.0	38.9	121.7
327.0	38.9	122.2
328.0	38.8	121.5
329.0	38.8	121.3
330.0	39.0	123.0
331.0	39.3	125.3
332.0	39.4	126.3
333.0	39.3	125.4
334.0	39.3	125.5
335.0	39.5	126.7
336.0	39.8	129.0
337.0	40.1	131.8
338.0	40.3	133.5
339.0	40.5	134.6
340.0	40.7	136.6
341.0	40.9	138.3
342.0	41.0	138.9
343.0	41.1	139.4
344.0	41.1	139.3
345.0	41.1	139.6
346.0	41.1	139.4
347.0	41.0	138.9
348.0	41.0	139.0
349.0	41.1	139.3
350.0	41.2	140.6
351.0	41.4	142.3
352.0	41.6	143.5
353.0	41.7	144.6
354.0	41.7	144.4
355.0	41.7	144.0
356.0	41.7	144.3
357.0	41.8	145.4
358.0	41.9	146.2
359.0	42.1	147.1

Average HAAT for radials shown: 134.5 m

WPWB-FM F(50,10) 54.0 dBu 3 Second Data

Call Letters: WPWB-FM
 File Number: BLED19900319KA
 Latitude: 32-40-55 N
 Longitude: 083-22-10 W
 ERP: 16.50 kW
 Channel: 213
 Frequency: 90.5 MHz
 AMSL Height: 260.0 m
 Elevation: 159.0 m
 HAAT: 138.0 m
 Horiz. Antenna Pattern: Omni

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 10.0 %
 # of Radials Calculated: 360
 Field Strength: 54.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	62.9	148.6
1.0	63.1	149.6
2.0	62.8	147.7
3.0	62.6	146.6
4.0	62.8	147.7
5.0	63.0	148.8
6.0	62.8	148.1
7.0	62.4	145.0
8.0	61.9	142.2
9.0	61.9	141.9
10.0	61.9	141.6
11.0	62.2	143.8
12.0	62.7	147.3
13.0	62.7	147.3
14.0	62.7	147.3
15.0	62.4	145.4
16.0	62.0	142.3
17.0	61.7	140.7
18.0	61.5	139.3
19.0	61.6	139.8
20.0	61.8	141.2
21.0	62.1	142.9
22.0	62.4	145.0
23.0	62.7	146.8
24.0	62.8	147.5
25.0	62.6	146.8
26.0	62.5	145.8
27.0	62.4	144.9
28.0	62.3	144.7
29.0	62.1	143.4
30.0	61.6	140.2
31.0	61.4	138.7
32.0	61.4	138.9
33.0	61.4	138.5
34.0	61.3	137.8

WPWB-FM F(50,10) 54.0 dBu 3 Second Data

35.0	61.2	137.6
36.0	60.9	135.6
37.0	60.7	133.9
38.0	60.4	132.4
39.0	60.3	131.9
40.0	60.6	133.7
41.0	60.8	134.6
42.0	60.8	134.6
43.0	60.4	132.4
44.0	60.0	129.9
45.0	59.8	128.0
46.0	59.3	125.1
47.0	59.2	124.2
48.0	59.3	125.3
49.0	59.7	127.5
50.0	60.1	130.2
51.0	60.2	130.9
52.0	60.5	133.1
53.0	60.9	135.7
54.0	61.5	139.3
55.0	61.9	141.8
56.0	61.8	141.4
57.0	61.6	140.2
58.0	61.3	138.0
59.0	61.2	137.7
60.0	61.2	137.5
61.0	61.0	136.4
62.0	60.9	135.7
63.0	61.1	136.8
64.0	61.3	138.1
65.0	61.2	137.4
66.0	60.8	134.8
67.0	60.6	133.5
68.0	60.6	133.7
69.0	60.4	132.1
70.0	60.1	130.5
71.0	59.7	127.9
72.0	59.1	123.5
73.0	58.6	120.4
74.0	58.8	121.8
75.0	59.0	123.2
76.0	59.0	122.7
77.0	58.9	122.0
78.0	58.8	121.8
79.0	58.4	119.1
80.0	57.9	115.5
81.0	57.6	113.8
82.0	57.6	113.9
83.0	57.8	114.9
84.0	58.1	117.1
85.0	58.3	118.2
86.0	58.3	118.1
87.0	58.4	118.7
88.0	58.4	119.0
89.0	58.4	119.2
90.0	58.5	119.7
91.0	58.6	120.2

WPWB-FM F(50,10) 54.0 dBu 3 Second Data

92.0	58.5	119.9
93.0	58.4	118.8
94.0	58.4	118.8
95.0	58.5	119.4
96.0	58.8	121.4
97.0	58.7	121.1
98.0	58.5	119.7
99.0	58.5	119.7
100.0	58.5	119.8
101.0	58.5	119.8
102.0	58.7	120.7
103.0	58.9	122.1
104.0	58.8	121.6
105.0	58.7	121.2
106.0	58.7	121.0
107.0	58.6	120.6
108.0	58.6	120.3
109.0	58.7	120.8
110.0	58.9	122.0
111.0	59.3	125.1
112.0	59.5	126.4
113.0	59.4	125.5
114.0	59.5	126.5
115.0	59.7	127.9
116.0	59.9	129.2
117.0	60.0	129.5
118.0	60.1	130.5
119.0	60.3	131.6
120.0	60.5	132.8
121.0	60.5	133.0
122.0	60.6	133.3
123.0	60.8	134.8
124.0	61.1	136.5
125.0	60.7	134.4
126.0	60.4	132.0
127.0	60.2	130.9
128.0	60.1	130.0
129.0	60.0	129.9
130.0	60.0	129.5
131.0	59.8	128.6
132.0	59.8	128.2
133.0	59.7	127.6
134.0	59.7	127.6
135.0	59.7	127.7
136.0	59.7	127.4
137.0	59.6	127.3
138.0	59.6	127.1
139.0	59.5	126.6
140.0	59.5	126.2
141.0	59.5	126.3
142.0	59.6	126.9
143.0	59.8	128.2
144.0	60.1	130.4
145.0	60.2	131.0
146.0	60.1	130.4
147.0	60.1	130.0
148.0	60.0	129.5

WPWB-FM F(50,10) 54.0 dBu 3 Second Data

149.0	59.8	128.4
150.0	59.7	127.4
151.0	59.6	127.2
152.0	59.7	127.4
153.0	59.7	128.0
154.0	59.8	128.5
155.0	59.9	128.7
156.0	59.9	128.8
157.0	59.8	128.6
158.0	60.0	129.9
159.0	60.0	129.6
160.0	59.8	128.4
161.0	59.8	128.1
162.0	59.8	128.0
163.0	59.7	127.7
164.0	59.7	127.5
165.0	59.7	127.6
166.0	59.7	127.5
167.0	59.6	126.9
168.0	59.5	126.1
169.0	59.3	124.9
170.0	59.3	124.9
171.0	59.4	125.4
172.0	59.5	126.4
173.0	59.6	127.1
174.0	59.8	128.2
175.0	60.0	129.6
176.0	60.2	131.1
177.0	60.5	133.2
178.0	60.8	134.9
179.0	61.0	136.0
180.0	61.1	136.8
181.0	61.1	136.8
182.0	61.1	136.7
183.0	61.2	137.5
184.0	61.5	139.2
185.0	61.8	141.3
186.0	61.9	141.8
187.0	62.0	142.6
188.0	61.9	141.9
189.0	61.7	140.8
190.0	61.6	139.8
191.0	61.6	140.0
192.0	61.8	141.4
193.0	62.1	143.0
194.0	62.1	143.4
195.0	61.8	141.0
196.0	61.6	140.3
197.0	61.5	139.5
198.0	61.5	139.6
199.0	61.5	139.6
200.0	61.6	139.8
201.0	61.6	140.0
202.0	61.8	141.0
203.0	61.9	141.8
204.0	62.0	142.9
205.0	62.1	143.5

WPWB-FM F(50,10) 54.0 dBu 3 Second Data

206.0	62.2	143.9
207.0	62.5	145.8
208.0	62.7	147.0
209.0	62.7	146.9
210.0	62.0	142.5
211.0	61.4	138.9
212.0	61.2	137.6
213.0	61.3	137.9
214.0	61.5	139.4
215.0	61.9	142.0
216.0	62.3	144.3
217.0	62.6	146.3
218.0	62.8	147.9
219.0	62.9	148.2
220.0	63.0	148.9
221.0	63.3	151.0
222.0	63.9	154.9
223.0	64.2	156.9
224.0	64.5	158.8
225.0	64.7	159.8
226.0	64.8	160.6
227.0	65.0	161.9
228.0	65.1	162.8
229.0	65.1	162.6
230.0	64.9	161.8
231.0	64.8	160.7
232.0	64.7	160.0
233.0	64.5	158.9
234.0	64.5	159.0
235.0	64.5	158.8
236.0	64.4	158.1
237.0	64.3	157.5
238.0	64.3	157.3
239.0	64.2	157.1
240.0	64.2	156.8
241.0	64.2	156.7
242.0	64.1	156.0
243.0	64.0	155.4
244.0	63.9	155.1
245.0	64.0	155.6
246.0	63.9	154.9
247.0	63.7	153.7
248.0	63.5	152.4
249.0	63.4	151.6
250.0	63.3	151.2
251.0	63.2	150.4
252.0	63.0	149.3
253.0	62.8	147.8
254.0	62.6	146.7
255.0	62.4	145.4
256.0	62.3	144.4
257.0	62.2	143.8
258.0	62.1	143.5
259.0	62.1	143.1
260.0	62.1	143.3
261.0	62.1	143.5
262.0	62.1	143.5

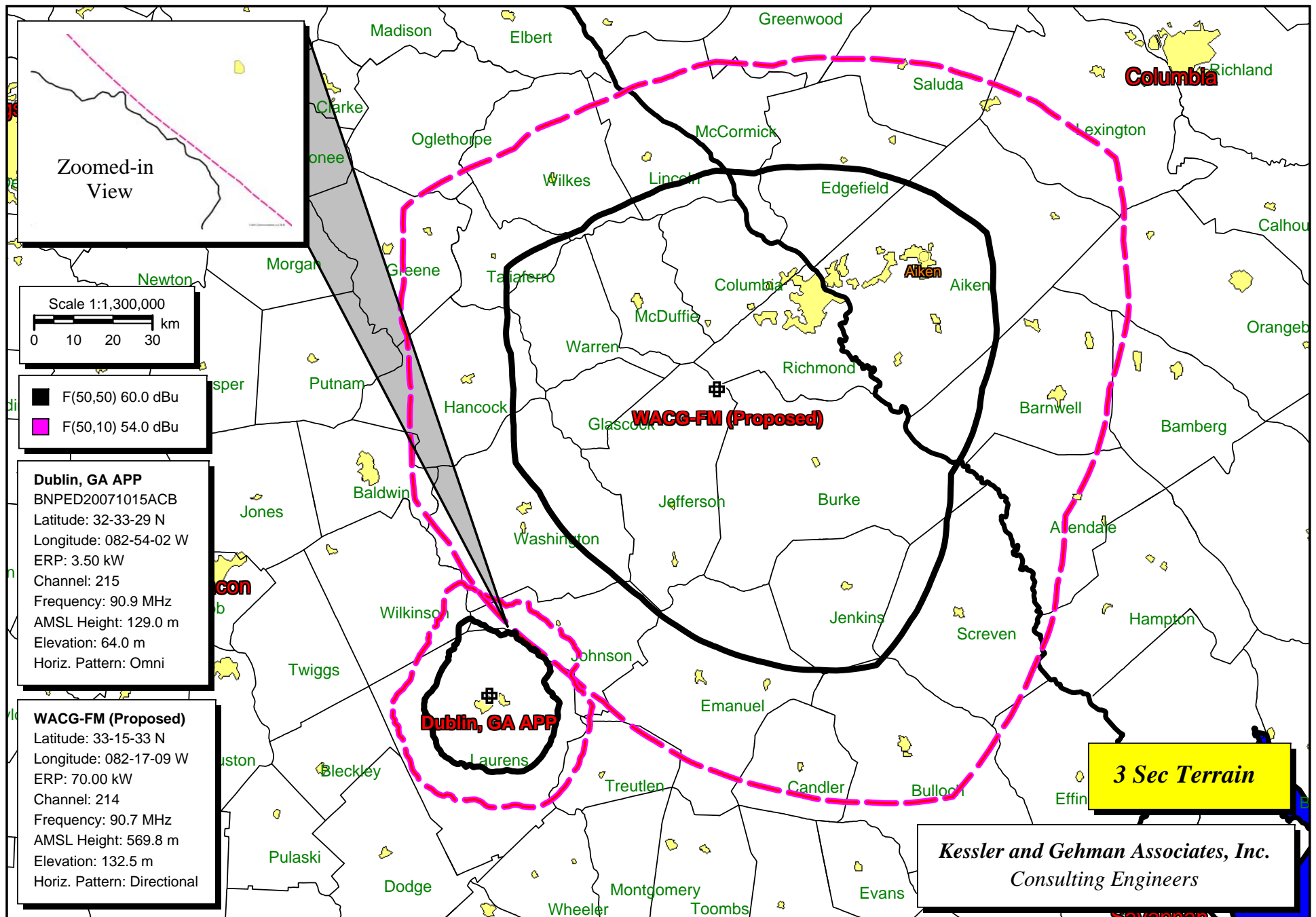
WPWB-FM F(50,10) 54.0 dBu 3 Second Data

263.0	62.2	144.0
264.0	62.2	143.9
265.0	62.1	143.4
266.0	62.0	142.4
267.0	61.9	141.7
268.0	61.7	141.0
269.0	61.5	139.4
270.0	61.3	137.8
271.0	61.1	137.1
272.0	61.0	136.4
273.0	60.8	134.8
274.0	60.5	133.1
275.0	60.3	131.8
276.0	60.3	131.7
277.0	60.2	130.8
278.0	59.9	128.8
279.0	59.7	127.8
280.0	59.7	127.8
281.0	59.7	127.9
282.0	59.9	128.7
283.0	59.9	129.0
284.0	60.2	131.0
285.0	60.2	131.0
286.0	60.2	130.9
287.0	60.1	130.3
288.0	60.1	130.4
289.0	59.9	129.2
290.0	59.8	128.3
291.0	60.0	129.7
292.0	60.2	130.6
293.0	60.4	132.2
294.0	60.4	132.2
295.0	60.2	130.9
296.0	60.1	130.2
297.0	60.1	130.4
298.0	59.9	129.1
299.0	59.9	128.7
300.0	59.5	126.3
301.0	59.1	124.0
302.0	59.0	122.8
303.0	59.0	123.0
304.0	58.9	122.6
305.0	58.7	121.1
306.0	58.2	117.9
307.0	57.8	115.3
308.0	57.8	115.1
309.0	58.1	117.2
310.0	58.1	116.7
311.0	58.2	117.5
312.0	58.4	118.9
313.0	58.5	119.7
314.0	58.4	118.9
315.0	58.4	118.6
316.0	58.0	116.4
317.0	57.7	114.6
318.0	57.6	113.9
319.0	57.6	113.7

WPWB-FM F(50,10) 54.0 dBu 3 Second Data

320.0	57.8	115.1
321.0	58.2	118.0
322.0	58.1	117.0
323.0	57.9	116.0
324.0	58.0	116.1
325.0	58.3	118.4
326.0	58.8	121.7
327.0	58.9	122.2
328.0	58.8	121.5
329.0	58.7	121.3
330.0	59.0	123.0
331.0	59.3	125.3
332.0	59.5	126.3
333.0	59.4	125.4
334.0	59.4	125.5
335.0	59.6	126.7
336.0	59.9	129.0
337.0	60.3	131.8
338.0	60.6	133.5
339.0	60.8	134.6
340.0	61.1	136.6
341.0	61.3	138.3
342.0	61.4	138.9
343.0	61.5	139.4
344.0	61.5	139.3
345.0	61.5	139.6
346.0	61.5	139.4
347.0	61.4	138.9
348.0	61.4	139.0
349.0	61.5	139.3
350.0	61.7	140.6
351.0	62.0	142.3
352.0	62.1	143.5
353.0	62.3	144.6
354.0	62.3	144.4
355.0	62.2	144.0
356.0	62.3	144.3
357.0	62.4	145.4
358.0	62.6	146.2
359.0	62.7	147.1

Average HAAT for radials shown: 134.5 m



Dublin, GA (APP) Allocation Study

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

Call Letters: Dublin, GA APP
File Number: BNPED20071015ACB
Latitude: 32-33-29 N
Longitude: 082-54-02 W
ERP: 3.50 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 129.0 m
Elevation: 64.0 m
HAAT: 50.0 m
Horiz. Antenna Pattern: Omni

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 50.0 %
of Radials Calculated: 360
Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	16.9	44.9
1.0	16.7	44.0
2.0	16.6	43.6
3.0	16.5	43.1
4.0	16.4	42.9
5.0	16.4	42.8
6.0	16.4	42.6
7.0	16.2	41.8
8.0	15.9	40.6
9.0	15.8	40.0
10.0	15.5	39.0
11.0	15.6	39.3
12.0	15.8	40.2
13.0	15.9	40.6
14.0	16.0	41.2
15.0	16.5	43.2
16.0	16.8	44.5
17.0	16.8	44.6
18.0	16.8	44.7
19.0	16.6	43.8
20.0	16.7	44.1
21.0	17.3	46.7
22.0	17.4	47.2
23.0	17.2	46.5
24.0	16.5	43.4
25.0	16.2	41.8
26.0	16.1	41.4
27.0	16.1	41.4
28.0	16.1	41.5
29.0	16.1	41.6
30.0	16.2	41.9
31.0	16.1	41.3
32.0	16.1	41.3
33.0	16.0	41.0
34.0	16.0	41.1

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

35.0	16.0	41.2
36.0	16.1	41.3
37.0	16.1	41.5
38.0	16.0	41.1
39.0	15.9	40.7
40.0	15.9	40.6
41.0	15.9	40.4
42.0	15.8	40.2
43.0	16.1	41.5
44.0	16.5	43.1
45.0	16.4	42.9
46.0	16.5	43.2
47.0	16.6	43.6
48.0	16.5	43.1
49.0	16.2	42.1
50.0	16.1	41.6
51.0	16.2	42.0
52.0	16.4	42.6
53.0	16.6	43.5
54.0	16.8	44.5
55.0	16.9	44.8
56.0	16.9	45.1
57.0	17.0	45.4
58.0	16.9	45.1
59.0	16.9	45.2
60.0	16.8	44.7
61.0	16.9	44.8
62.0	16.9	45.2
63.0	17.0	45.4
64.0	17.0	45.7
65.0	16.9	45.1
66.0	16.8	44.4
67.0	16.7	44.3
68.0	16.7	44.2
69.0	16.3	42.3
70.0	15.9	40.7
71.0	15.6	39.2
72.0	15.2	37.4
73.0	14.8	35.4
74.0	14.5	33.9
75.0	14.3	32.9
76.0	14.3	32.7
77.0	14.3	33.0
78.0	14.4	33.6
79.0	14.6	34.4
80.0	14.6	34.7
81.0	14.6	34.5
82.0	14.7	34.8
83.0	14.8	35.6
84.0	14.9	36.1
85.0	15.1	36.9
86.0	15.3	38.0
87.0	15.8	40.2
88.0	16.1	41.3
89.0	16.1	41.4
90.0	16.0	41.0
91.0	16.4	42.7

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

92.0	16.9	45.2
93.0	17.2	46.5
94.0	17.5	48.0
95.0	17.8	49.3
96.0	17.9	49.8
97.0	17.8	49.2
98.0	17.8	49.0
99.0	17.8	49.0
100.0	17.8	49.1
101.0	17.7	48.7
102.0	17.7	48.5
103.0	17.7	49.0
104.0	17.8	49.4
105.0	18.0	50.2
106.0	18.1	50.8
107.0	18.2	51.1
108.0	18.2	51.4
109.0	18.2	51.3
110.0	18.1	50.9
111.0	18.2	51.1
112.0	18.3	51.7
113.0	18.4	52.1
114.0	18.3	51.9
115.0	18.4	52.1
116.0	18.4	52.3
117.0	18.5	53.0
118.0	18.7	53.6
119.0	18.8	54.2
120.0	18.9	54.9
121.0	19.0	55.6
122.0	19.1	55.9
123.0	19.0	55.7
124.0	19.1	55.8
125.0	19.2	56.4
126.0	19.4	57.7
127.0	19.5	58.3
128.0	19.6	58.9
129.0	19.7	59.5
130.0	19.6	59.3
131.0	19.6	59.3
132.0	19.7	59.6
133.0	19.8	60.2
134.0	19.9	60.8
135.0	20.0	61.6
136.0	20.0	62.0
137.0	20.1	62.7
138.0	20.2	63.5
139.0	20.3	64.0
140.0	20.4	64.6
141.0	20.5	65.0
142.0	20.5	65.3
143.0	20.6	65.7
144.0	20.6	66.3
145.0	20.7	66.9
146.0	20.8	67.2
147.0	20.8	67.5
148.0	20.8	67.7

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

149.0	20.9	67.9
150.0	20.9	68.0
151.0	20.9	68.1
152.0	20.9	68.0
153.0	20.9	68.2
154.0	20.9	68.3
155.0	20.9	68.4
156.0	20.9	68.2
157.0	20.8	67.5
158.0	20.7	66.7
159.0	20.6	65.8
160.0	20.4	64.9
161.0	20.3	63.7
162.0	20.1	62.7
163.0	20.0	61.8
164.0	19.8	60.2
165.0	19.6	58.9
166.0	19.4	58.0
167.0	19.3	57.5
168.0	19.3	57.5
169.0	19.4	57.9
170.0	19.4	58.1
171.0	19.4	57.9
172.0	19.4	57.8
173.0	19.3	57.5
174.0	19.3	57.3
175.0	19.3	57.3
176.0	19.3	57.5
177.0	19.4	57.6
178.0	19.3	57.5
179.0	19.3	57.3
180.0	19.2	56.9
181.0	19.1	56.3
182.0	18.9	55.2
183.0	18.6	53.5
184.0	18.4	52.2
185.0	18.3	51.6
186.0	18.2	51.1
187.0	18.1	50.6
188.0	18.1	50.7
189.0	18.2	51.1
190.0	18.2	51.4
191.0	18.3	51.9
192.0	18.5	52.9
193.0	18.5	52.7
194.0	18.3	51.9
195.0	18.2	51.4
196.0	18.3	51.7
197.0	18.6	53.4
198.0	19.0	55.4
199.0	18.8	54.6
200.0	18.5	53.0
201.0	18.4	52.5
202.0	18.5	52.9
203.0	18.6	53.1
204.0	19.0	55.4
205.0	19.1	56.3

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

206.0	19.2	56.5
207.0	19.2	56.6
208.0	19.2	56.5
209.0	19.2	56.4
210.0	19.1	55.9
211.0	19.0	55.4
212.0	19.0	55.3
213.0	19.0	55.6
214.0	19.0	55.7
215.0	19.1	56.1
216.0	19.1	56.1
217.0	19.0	55.6
218.0	19.0	55.7
219.0	19.1	56.0
220.0	18.9	55.1
221.0	18.7	54.0
222.0	18.6	53.4
223.0	18.6	53.2
224.0	18.6	53.2
225.0	18.5	52.9
226.0	18.4	52.5
227.0	18.2	51.5
228.0	18.1	50.6
229.0	17.8	49.5
230.0	17.7	48.6
231.0	17.6	48.1
232.0	17.5	48.0
233.0	17.5	48.0
234.0	17.5	47.9
235.0	17.4	47.4
236.0	17.2	46.4
237.0	17.1	45.9
238.0	16.8	44.6
239.0	16.7	44.2
240.0	16.8	44.6
241.0	16.8	44.7
242.0	16.7	44.1
243.0	16.5	43.4
244.0	16.6	43.7
245.0	16.7	44.3
246.0	16.9	44.8
247.0	16.8	44.7
248.0	16.7	44.2
249.0	16.7	44.0
250.0	16.5	43.2
251.0	16.4	42.7
252.0	16.5	43.2
253.0	16.8	44.5
254.0	16.9	45.1
255.0	16.7	44.0
256.0	16.8	44.4
257.0	16.9	45.1
258.0	17.0	45.4
259.0	16.8	44.7
260.0	16.8	44.4
261.0	16.7	44.3
262.0	16.7	44.1

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

263.0	16.6	43.9
264.0	16.5	43.3
265.0	16.4	42.9
266.0	16.5	43.1
267.0	16.4	42.7
268.0	16.1	41.5
269.0	15.9	40.7
270.0	15.8	40.1
271.0	15.6	39.2
272.0	15.3	37.8
273.0	15.0	36.6
274.0	14.7	35.2
275.0	14.6	34.3
276.0	14.5	33.8
277.0	14.3	33.1
278.0	14.2	32.4
279.0	14.0	31.3
280.0	13.9	30.8
281.0	13.7	30.1
282.0	13.7	29.3
283.0	13.7	28.9
284.0	13.7	28.8
285.0	13.7	29.0
286.0	13.7	29.2
287.0	13.7	29.4
288.0	13.7	29.4
289.0	13.7	29.2
290.0	13.7	29.0
291.0	13.7	28.6
292.0	13.7	28.2
293.0	13.7	28.0
294.0	13.7	27.5
295.0	13.7	26.8
296.0	13.7	26.6
297.0	13.7	27.6
298.0	13.7	28.3
299.0	13.7	29.3
300.0	13.8	30.4
301.0	13.7	29.6
302.0	13.7	28.0
303.0	13.7	26.5
304.0	13.7	25.9
305.0	13.7	27.8
306.0	13.7	28.7
307.0	13.7	27.8
308.0	13.7	28.4
309.0	13.7	30.0
310.0	13.8	30.1
311.0	13.7	29.8
312.0	14.0	31.7
313.0	14.3	33.0
314.0	14.3	33.0
315.0	14.5	34.1
316.0	14.9	35.8
317.0	15.1	37.1
318.0	15.1	36.8
319.0	15.1	36.7

Dublin, GA F(50,50) 60.0 dBu 3 Second Data

320.0	15.0	36.5
321.0	15.0	36.3
322.0	14.8	35.7
323.0	14.9	35.8
324.0	15.2	37.4
325.0	15.7	39.5
326.0	15.6	39.1
327.0	15.5	38.8
328.0	15.6	39.3
329.0	15.9	40.8
330.0	16.0	41.0
331.0	16.3	42.2
332.0	16.7	43.9
333.0	17.3	47.0
334.0	17.9	49.9
335.0	18.6	53.4
336.0	19.2	56.7
337.0	19.5	58.4
338.0	19.6	59.2
339.0	19.7	59.6
340.0	19.8	60.2
341.0	19.9	61.0
342.0	20.0	61.6
343.0	20.1	62.2
344.0	20.1	62.6
345.0	20.2	63.1
346.0	20.2	63.0
347.0	19.8	60.7
348.0	19.3	57.2
349.0	19.0	55.6
350.0	18.9	55.1
351.0	18.8	54.4
352.0	18.5	52.7
353.0	18.1	51.0
354.0	18.1	50.7
355.0	18.0	50.4
356.0	17.9	49.6
357.0	17.5	47.7
358.0	17.1	46.1
359.0	16.9	45.2

Average HAAT for radials shown: 47.1 m

Dublin, GA F(50,10) 54.0 dBu 3 Second Data

Call Letters: Dublin, GA APP
File Number: BNPED20071015ACB
Latitude: 32-33-29 N
Longitude: 082-54-02 W
ERP: 3.50 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 129.0 m
Elevation: 64.0 m
HAAT: 50.0 m
Horiz. Antenna Pattern: Omni

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 54.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	24.9	44.9
1.0	24.7	44.0
2.0	24.6	43.6
3.0	24.4	43.1
4.0	24.4	42.9
5.0	24.3	42.8
6.0	24.3	42.6
7.0	24.0	41.8
8.0	23.7	40.6
9.0	23.5	40.0
10.0	23.2	39.0
11.0	23.3	39.3
12.0	23.5	40.2
13.0	23.7	40.6
14.0	23.8	41.2
15.0	24.4	43.2
16.0	24.8	44.5
17.0	24.9	44.6
18.0	24.9	44.7
19.0	24.6	43.8
20.0	24.7	44.1
21.0	25.5	46.7
22.0	25.6	47.2
23.0	25.4	46.5
24.0	24.5	43.4
25.0	24.0	41.8
26.0	23.9	41.4
27.0	23.9	41.4
28.0	23.9	41.5
29.0	24.0	41.6
30.0	24.1	41.9
31.0	23.9	41.3
32.0	23.9	41.3
33.0	23.8	41.0
34.0	23.8	41.1

Dublin, GA F(50,10) 54.0 dBu 3 Second Data

35.0	23.8	41.2
36.0	23.9	41.3
37.0	23.9	41.5
38.0	23.8	41.1
39.0	23.7	40.7
40.0	23.7	40.6
41.0	23.6	40.4
42.0	23.5	40.2
43.0	23.9	41.5
44.0	24.4	43.1
45.0	24.4	42.9
46.0	24.4	43.2
47.0	24.6	43.6
48.0	24.4	43.1
49.0	24.1	42.1
50.0	24.0	41.6
51.0	24.1	42.0
52.0	24.3	42.6
53.0	24.5	43.5
54.0	24.8	44.5
55.0	24.9	44.8
56.0	25.0	45.1
57.0	25.1	45.4
58.0	25.0	45.1
59.0	25.0	45.2
60.0	24.9	44.7
61.0	24.9	44.8
62.0	25.0	45.2
63.0	25.1	45.4
64.0	25.2	45.7
65.0	25.0	45.1
66.0	24.8	44.4
67.0	24.8	44.3
68.0	24.7	44.2
69.0	24.2	42.3
70.0	23.7	40.7
71.0	23.2	39.2
72.0	22.7	37.4
73.0	22.1	35.4
74.0	21.6	33.9
75.0	21.3	32.9
76.0	21.2	32.7
77.0	21.3	33.0
78.0	21.5	33.6
79.0	21.8	34.4
80.0	21.9	34.7
81.0	21.8	34.5
82.0	21.9	34.8
83.0	22.1	35.6
84.0	22.3	36.1
85.0	22.6	36.9
86.0	22.9	38.0
87.0	23.6	40.2
88.0	23.9	41.3
89.0	23.9	41.4
90.0	23.8	41.0
91.0	24.3	42.7

Dublin, GA F(50,10) 54.0 dBu 3 Second Data

92.0	25.0	45.2
93.0	25.4	46.5
94.0	25.8	48.0
95.0	26.2	49.3
96.0	26.3	49.8
97.0	26.2	49.2
98.0	26.1	49.0
99.0	26.1	49.0
100.0	26.1	49.1
101.0	26.0	48.7
102.0	26.0	48.5
103.0	26.1	49.0
104.0	26.2	49.4
105.0	26.4	50.2
106.0	26.6	50.8
107.0	26.7	51.1
108.0	26.7	51.4
109.0	26.7	51.3
110.0	26.6	50.9
111.0	26.7	51.1
112.0	26.8	51.7
113.0	26.9	52.1
114.0	26.9	51.9
115.0	26.9	52.1
116.0	27.0	52.3
117.0	27.2	53.0
118.0	27.3	53.6
119.0	27.5	54.2
120.0	27.7	54.9
121.0	27.8	55.6
122.0	27.9	55.9
123.0	27.9	55.7
124.0	27.9	55.8
125.0	28.0	56.4
126.0	28.3	57.7
127.0	28.5	58.3
128.0	28.6	58.9
129.0	28.8	59.5
130.0	28.7	59.3
131.0	28.7	59.3
132.0	28.8	59.6
133.0	28.9	60.2
134.0	29.1	60.8
135.0	29.3	61.6
136.0	29.3	62.0
137.0	29.5	62.7
138.0	29.7	63.5
139.0	29.8	64.0
140.0	30.0	64.6
141.0	30.0	65.0
142.0	30.1	65.3
143.0	30.2	65.7
144.0	30.3	66.3
145.0	30.5	66.9
146.0	30.6	67.2
147.0	30.6	67.5
148.0	30.7	67.7

Dublin, GA F(50,10) 54.0 dBu 3 Second Data

149.0	30.7	67.9
150.0	30.8	68.0
151.0	30.8	68.1
152.0	30.8	68.0
153.0	30.8	68.2
154.0	30.8	68.3
155.0	30.8	68.4
156.0	30.8	68.2
157.0	30.6	67.5
158.0	30.4	66.7
159.0	30.2	65.8
160.0	30.0	64.9
161.0	29.7	63.7
162.0	29.5	62.7
163.0	29.3	61.8
164.0	28.9	60.2
165.0	28.6	58.9
166.0	28.4	58.0
167.0	28.3	57.5
168.0	28.3	57.5
169.0	28.4	57.9
170.0	28.5	58.1
171.0	28.4	57.9
172.0	28.4	57.8
173.0	28.3	57.5
174.0	28.2	57.3
175.0	28.3	57.3
176.0	28.3	57.5
177.0	28.3	57.6
178.0	28.3	57.5
179.0	28.3	57.3
180.0	28.2	56.9
181.0	28.0	56.3
182.0	27.7	55.2
183.0	27.3	53.5
184.0	27.0	52.2
185.0	26.8	51.6
186.0	26.7	51.1
187.0	26.5	50.6
188.0	26.6	50.7
189.0	26.7	51.1
190.0	26.7	51.4
191.0	26.9	51.9
192.0	27.1	52.9
193.0	27.1	52.7
194.0	26.9	51.9
195.0	26.8	51.4
196.0	26.8	51.7
197.0	27.3	53.4
198.0	27.8	55.4
199.0	27.6	54.6
200.0	27.2	53.0
201.0	27.0	52.5
202.0	27.2	52.9
203.0	27.2	53.1
204.0	27.8	55.4
205.0	28.0	56.3

Dublin, GA F(50,10) 54.0 dBu 3 Second Data

206.0	28.1	56.5
207.0	28.1	56.6
208.0	28.1	56.5
209.0	28.0	56.4
210.0	27.9	55.9
211.0	27.8	55.4
212.0	27.8	55.3
213.0	27.8	55.6
214.0	27.9	55.7
215.0	28.0	56.1
216.0	28.0	56.1
217.0	27.8	55.6
218.0	27.9	55.7
219.0	27.9	56.0
220.0	27.7	55.1
221.0	27.4	54.0
222.0	27.3	53.4
223.0	27.2	53.2
224.0	27.2	53.2
225.0	27.1	52.9
226.0	27.0	52.5
227.0	26.8	51.5
228.0	26.5	50.6
229.0	26.2	49.5
230.0	26.0	48.6
231.0	25.8	48.1
232.0	25.8	48.0
233.0	25.8	48.0
234.0	25.8	47.9
235.0	25.7	47.4
236.0	25.4	46.4
237.0	25.2	45.9
238.0	24.8	44.6
239.0	24.7	44.2
240.0	24.9	44.6
241.0	24.9	44.7
242.0	24.7	44.1
243.0	24.5	43.4
244.0	24.6	43.7
245.0	24.8	44.3
246.0	24.9	44.8
247.0	24.9	44.7
248.0	24.7	44.2
249.0	24.7	44.0
250.0	24.4	43.2
251.0	24.3	42.7
252.0	24.4	43.2
253.0	24.8	44.5
254.0	25.0	45.1
255.0	24.7	44.0
256.0	24.8	44.4
257.0	25.0	45.1
258.0	25.1	45.4
259.0	24.9	44.7
260.0	24.8	44.4
261.0	24.8	44.3
262.0	24.7	44.1

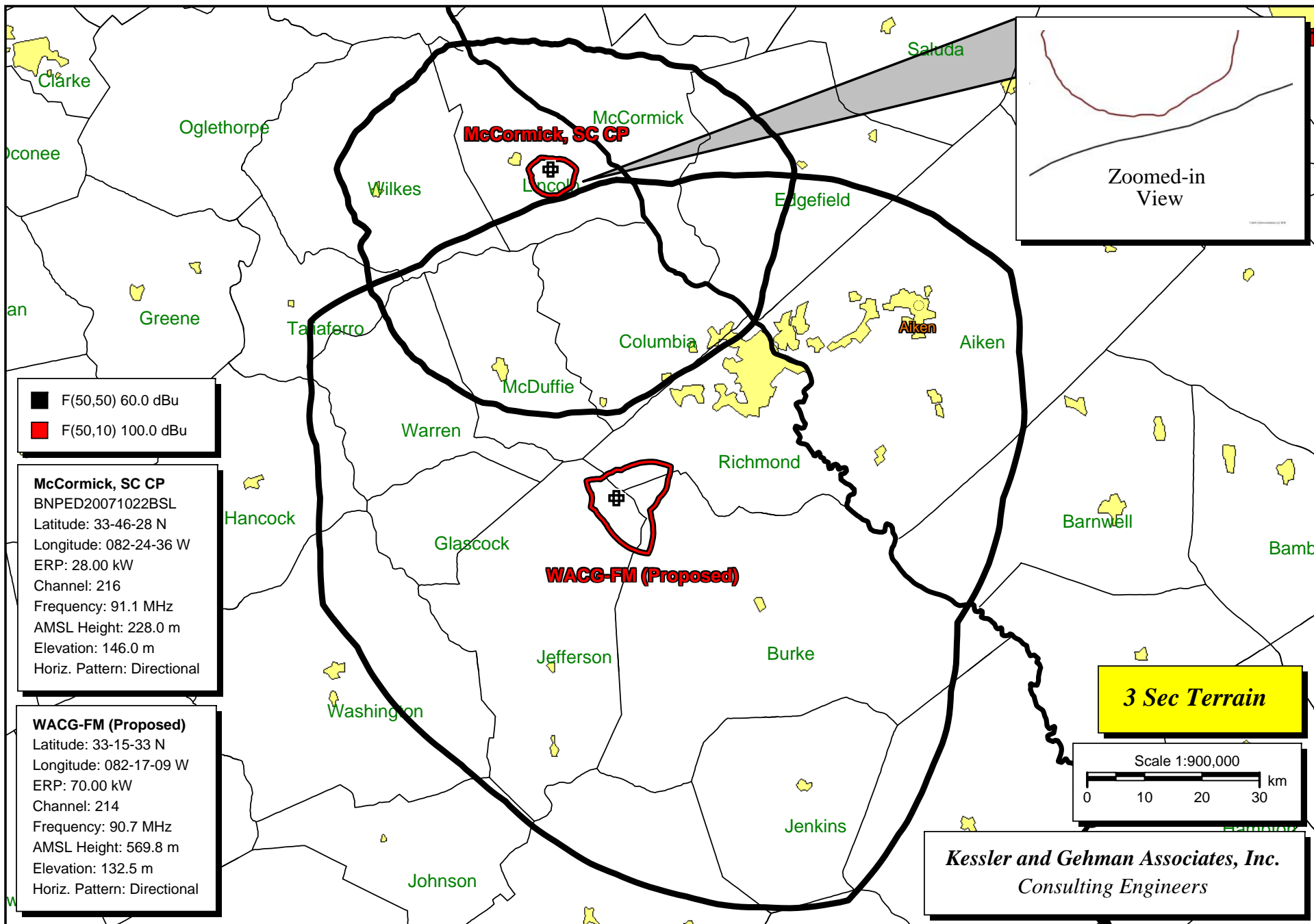
Dublin, GA F(50,10) 54.0 dBu 3 Second Data

263.0	24.6	43.9
264.0	24.5	43.3
265.0	24.3	42.9
266.0	24.4	43.1
267.0	24.3	42.7
268.0	23.9	41.5
269.0	23.7	40.7
270.0	23.5	40.1
271.0	23.2	39.2
272.0	22.8	37.8
273.0	22.4	36.6
274.0	22.0	35.2
275.0	21.7	34.3
276.0	21.6	33.8
277.0	21.3	33.1
278.0	21.1	32.4
279.0	20.8	31.3
280.0	20.6	30.8
281.0	20.4	30.1
282.0	20.4	29.3
283.0	20.4	28.9
284.0	20.4	28.8
285.0	20.4	29.0
286.0	20.4	29.2
287.0	20.4	29.4
288.0	20.4	29.4
289.0	20.4	29.2
290.0	20.4	29.0
291.0	20.4	28.6
292.0	20.4	28.2
293.0	20.4	28.0
294.0	20.4	27.5
295.0	20.4	26.8
296.0	20.4	26.6
297.0	20.4	27.6
298.0	20.4	28.3
299.0	20.4	29.3
300.0	20.5	30.4
301.0	20.4	29.6
302.0	20.4	28.0
303.0	20.4	26.5
304.0	20.4	25.9
305.0	20.4	27.8
306.0	20.4	28.7
307.0	20.4	27.8
308.0	20.4	28.4
309.0	20.4	30.0
310.0	20.4	30.1
311.0	20.4	29.8
312.0	20.9	31.7
313.0	21.3	33.0
314.0	21.3	33.0
315.0	21.7	34.1
316.0	22.2	35.8
317.0	22.6	37.1
318.0	22.5	36.8
319.0	22.5	36.7

Dublin, GA F(50,10) 54.0 dBu 3 Second Data

320.0	22.4	36.5
321.0	22.4	36.3
322.0	22.2	35.7
323.0	22.2	35.8
324.0	22.7	37.4
325.0	23.3	39.5
326.0	23.2	39.1
327.0	23.1	38.8
328.0	23.3	39.3
329.0	23.7	40.8
330.0	23.8	41.0
331.0	24.2	42.2
332.0	24.7	43.9
333.0	25.5	47.0
334.0	26.3	49.9
335.0	27.3	53.4
336.0	28.1	56.7
337.0	28.5	58.4
338.0	28.7	59.2
339.0	28.8	59.6
340.0	28.9	60.2
341.0	29.1	61.0
342.0	29.3	61.6
343.0	29.4	62.2
344.0	29.5	62.6
345.0	29.6	63.1
346.0	29.6	63.0
347.0	29.1	60.7
348.0	28.2	57.2
349.0	27.8	55.6
350.0	27.7	55.1
351.0	27.5	54.4
352.0	27.1	52.7
353.0	26.6	51.0
354.0	26.6	50.7
355.0	26.5	50.4
356.0	26.2	49.6
357.0	25.7	47.7
358.0	25.3	46.1
359.0	25.0	45.2

Average HAAT for radials shown: 47.1 m



WACG-FM F(50,10) 100.0 dBu 3 Second Data

Call Letters: WACG-FM (Proposed)
 Latitude: 33-15-33 N
 Longitude: 082-17-09 W
 ERP: 70.00 kW
 Channel: 214
 Frequency: 90.7 MHz
 AMSL Height: 569.8 m
 Elevation: 132.5 m
 HAAT: 455.2 m
 Horiz. Antenna Pattern: Directional

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 10.0 %
 # of Radials Calculated: 360
 Field Strength: 100.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	4.9	445.3
1.0	4.9	444.3
2.0	4.9	443.9
3.0	4.9	443.6
4.0	4.9	443.1
5.0	4.9	442.9
6.0	4.9	443.7
7.0	4.9	444.9
8.0	4.9	445.4
9.0	4.9	445.9
10.0	4.9	447.5
11.0	5.0	448.8
12.0	5.1	449.2
13.0	5.2	451.0
14.0	5.3	451.3
15.0	5.4	451.1
16.0	5.5	450.2
17.0	5.6	449.4
18.0	5.6	448.5
19.0	5.7	446.2
20.0	5.8	444.0
21.0	5.9	442.6
22.0	6.0	442.4
23.0	6.1	442.2
24.0	6.2	442.8
25.0	6.3	444.3
26.0	6.4	443.9
27.0	6.5	444.3
28.0	6.6	445.0
29.0	6.7	446.5
30.0	6.8	447.4
31.0	7.0	448.1
32.0	7.1	448.9
33.0	7.3	450.2
34.0	7.4	451.3
35.0	7.5	450.9

WACG-FM F(50,10) 100.0 dBu 3 Second Data

36.0	7.7	449.5
37.0	7.8	447.8
38.0	7.9	447.7
39.0	8.1	448.8
40.0	8.2	449.0
41.0	8.3	448.6
42.0	8.5	448.4
43.0	8.6	448.3
44.0	8.8	447.7
45.0	8.9	447.8
46.0	9.0	447.6
47.0	9.2	448.3
48.0	9.3	450.1
49.0	9.5	448.7
50.0	9.6	445.3
51.0	9.7	442.4
52.0	9.8	440.8
53.0	10.0	438.8
54.0	10.1	437.1
55.0	10.2	437.7
56.0	10.4	438.3
57.0	10.5	439.7
58.0	10.7	440.0
59.0	10.8	439.7
60.0	10.9	440.1
61.0	10.8	441.0
62.0	10.7	440.9
63.0	10.5	441.3
64.0	10.4	442.3
65.0	10.3	444.7
66.0	10.2	446.3
67.0	10.0	446.3
68.0	9.9	445.7
69.0	9.7	445.4
70.0	9.6	445.6
71.0	9.5	445.9
72.0	9.4	446.0
73.0	9.3	446.1
74.0	9.2	446.7
75.0	9.2	447.4
76.0	9.1	448.4
77.0	9.0	450.2
78.0	8.9	451.7
79.0	8.9	452.1
80.0	8.8	452.0
81.0	8.6	451.4
82.0	8.5	451.4
83.0	8.4	451.8
84.0	8.2	452.0
85.0	8.1	452.6
86.0	8.0	453.7
87.0	7.8	454.7
88.0	7.7	455.6
89.0	7.5	456.6
90.0	7.4	457.9
91.0	7.4	458.6
92.0	7.3	459.5

WACG-FM F(50,10) 100.0 dBu 3 Second Data

93.0	7.3	461.1
94.0	7.2	463.4
95.0	7.2	464.5
96.0	7.1	464.7
97.0	7.1	464.7
98.0	7.0	465.0
99.0	7.0	465.5
100.0	6.9	466.2
101.0	6.8	466.7
102.0	6.8	467.6
103.0	6.7	468.6
104.0	6.6	469.5
105.0	6.6	470.2
106.0	6.5	470.7
107.0	6.4	471.2
108.0	6.3	472.0
109.0	6.3	473.1
110.0	6.2	474.0
111.0	6.3	474.9
112.0	6.4	476.1
113.0	6.4	477.4
114.0	6.5	479.1
115.0	6.6	481.4
116.0	6.7	483.6
117.0	6.8	484.9
118.0	6.9	485.3
119.0	6.9	485.6
120.0	7.0	486.3
121.0	7.2	487.4
122.0	7.3	488.4
123.0	7.5	489.1
124.0	7.6	489.7
125.0	7.7	489.5
126.0	7.9	488.5
127.0	8.0	487.3
128.0	8.1	485.2
129.0	8.2	483.4
130.0	8.3	481.8
131.0	8.5	479.7
132.0	8.6	477.8
133.0	8.8	477.1
134.0	8.9	476.3
135.0	9.1	474.9
136.0	9.2	474.3
137.0	9.3	474.1
138.0	9.5	474.0
139.0	9.6	472.6
140.0	9.7	470.6
141.0	9.9	469.2
142.0	10.0	468.0
143.0	10.2	467.4
144.0	10.3	466.4
145.0	10.4	465.5
146.0	10.6	464.6
147.0	10.7	463.7
148.0	10.8	463.1
149.0	11.0	462.7

WACG-FM F(50,10) 100.0 dBu 3 Second Data

150.0	11.1	462.9
151.0	11.0	463.1
152.0	10.8	463.0
153.0	10.7	463.0
154.0	10.6	463.3
155.0	10.4	463.5
156.0	10.3	463.4
157.0	10.1	463.3
158.0	10.0	462.8
159.0	9.8	462.2
160.0	9.7	462.1
161.0	9.5	461.9
162.0	9.4	462.3
163.0	9.3	462.5
164.0	9.1	462.5
165.0	9.0	462.2
166.0	8.9	461.9
167.0	8.7	461.0
168.0	8.5	459.8
169.0	8.4	459.3
170.0	8.2	459.2
171.0	8.1	458.9
172.0	8.0	458.5
173.0	7.8	458.0
174.0	7.7	458.1
175.0	7.6	458.5
176.0	7.4	458.7
177.0	7.3	459.0
178.0	7.2	459.4
179.0	7.0	459.8
180.0	6.9	460.2
181.0	6.8	460.5
182.0	6.7	460.8
183.0	6.6	461.7
184.0	6.5	461.9
185.0	6.4	461.4
186.0	6.3	460.6
187.0	6.1	459.8
188.0	6.0	459.3
189.0	5.9	459.4
190.0	5.8	459.8
191.0	5.7	459.9
192.0	5.7	460.0
193.0	5.6	460.1
194.0	5.5	460.3
195.0	5.4	460.1
196.0	5.3	459.9
197.0	5.2	459.6
198.0	5.1	459.6
199.0	5.0	460.1
200.0	4.9	459.6
201.0	4.9	459.2
202.0	4.9	458.9
203.0	4.8	458.2
204.0	4.8	457.2
205.0	4.7	456.2
206.0	4.7	455.4

WACG-FM F(50,10) 100.0 dBu 3 Second Data

207.0	4.6	455.2
208.0	4.6	455.8
209.0	4.5	456.6
210.0	4.5	456.4
211.0	4.5	455.6
212.0	4.5	454.8
213.0	4.4	454.4
214.0	4.4	454.1
215.0	4.4	454.3
216.0	4.4	454.8
217.0	4.4	455.4
218.0	4.4	455.8
219.0	4.4	456.1
220.0	4.4	456.2
221.0	4.4	456.3
222.0	4.3	456.2
223.0	4.3	456.2
224.0	4.3	456.3
225.0	4.3	456.2
226.0	4.3	456.4
227.0	4.3	456.2
228.0	4.3	456.1
229.0	4.3	456.0
230.0	4.3	455.5
231.0	4.3	455.1
232.0	4.3	454.9
233.0	4.3	454.8
234.0	4.3	454.7
235.0	4.3	454.5
236.0	4.2	453.5
237.0	4.2	452.6
238.0	4.2	452.1
239.0	4.2	451.6
240.0	4.2	450.8
241.0	4.3	448.8
242.0	4.3	447.6
243.0	4.4	446.9
244.0	4.4	445.7
245.0	4.5	444.8
246.0	4.5	444.4
247.0	4.6	444.2
248.0	4.6	444.2
249.0	4.7	444.0
250.0	4.7	443.7
251.0	4.7	443.1
252.0	4.6	442.6
253.0	4.6	442.4
254.0	4.6	442.1
255.0	4.5	442.1
256.0	4.5	442.1
257.0	4.5	442.1
258.0	4.4	442.1
259.0	4.4	442.6
260.0	4.3	443.5
261.0	4.3	444.3
262.0	4.3	444.3
263.0	4.3	444.0

WACG-FM F(50,10) 100.0 dBu 3 Second Data

264.0	4.3	443.7
265.0	4.3	443.5
266.0	4.3	443.0
267.0	4.2	442.5
268.0	4.2	441.9
269.0	4.2	441.9
270.0	4.2	442.4
271.0	4.2	443.1
272.0	4.2	443.7
273.0	4.3	443.6
274.0	4.3	444.1
275.0	4.3	443.9
276.0	4.3	444.4
277.0	4.3	445.9
278.0	4.4	448.0
279.0	4.4	450.4
280.0	4.4	452.9
281.0	4.5	456.2
282.0	4.6	457.8
283.0	4.7	456.3
284.0	4.8	454.7
285.0	4.8	451.9
286.0	4.9	448.0
287.0	5.0	443.6
288.0	5.1	439.0
289.0	5.1	435.5
290.0	5.2	435.5
291.0	5.3	438.2
292.0	5.4	440.1
293.0	5.4	441.3
294.0	5.5	442.6
295.0	5.6	444.4
296.0	5.7	446.2
297.0	5.7	449.8
298.0	5.8	454.2
299.0	5.9	457.4
300.0	6.0	460.6
301.0	5.9	462.4
302.0	5.8	463.0
303.0	5.7	462.8
304.0	5.6	462.3
305.0	5.5	461.8
306.0	5.4	461.1
307.0	5.4	461.1
308.0	5.3	460.7
309.0	5.2	460.2
310.0	5.1	460.2
311.0	5.0	460.0
312.0	4.9	459.3
313.0	4.8	457.7
314.0	4.8	456.7
315.0	4.7	455.7
316.0	4.6	455.9
317.0	4.5	457.5
318.0	4.4	459.7
319.0	4.4	462.2
320.0	4.3	464.3

WACG-FM F(50,10) 100.0 dBu 3 Second Data

321.0	4.3	466.0
322.0	4.3	468.7
323.0	4.3	471.0
324.0	4.3	471.6
325.0	4.3	470.6
326.0	4.3	468.5
327.0	4.3	465.0
328.0	4.3	461.7
329.0	4.3	458.5
330.0	4.3	455.0
331.0	4.3	451.7
332.0	4.3	448.2
333.0	4.3	444.5
334.0	4.4	442.4
335.0	4.4	440.9
336.0	4.4	438.0
337.0	4.4	434.8
338.0	4.4	431.8
339.0	4.4	429.8
340.0	4.5	428.2
341.0	4.5	428.6
342.0	4.5	430.3
343.0	4.5	433.6
344.0	4.5	437.6
345.0	4.5	439.5
346.0	4.5	440.6
347.0	4.5	440.9
348.0	4.5	440.2
349.0	4.5	440.8
350.0	4.5	441.3
351.0	4.5	441.3
352.0	4.6	440.3
353.0	4.6	443.1
354.0	4.7	442.9
355.0	4.7	443.6
356.0	4.8	445.2
357.0	4.8	446.5
358.0	4.8	445.2
359.0	4.9	446.0

Average HAAT for radials shown: 454.7 m

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

Call Letters: McCormick, SC CP
File Number: BNPED20071022BSL
Latitude: 33-46-28 N
Longitude: 082-24-36 W
ERP: 28.00 kW
Channel: 216
Frequency: 91.1 MHz
AMSL Height: 228.0 m
Elevation: 146.0 m
HAAT: 107.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 50.0 %
of Radials Calculated: 360
Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	21.8	114.9
1.0	21.8	115.0
2.0	21.8	115.7
3.0	21.8	115.4
4.0	21.9	116.2
5.0	22.0	117.6
6.0	22.2	120.1
7.0	22.5	123.6
8.0	22.6	125.8
9.0	22.6	125.4
10.0	22.6	125.0
11.0	22.5	124.5
12.0	22.4	123.4
13.0	22.3	121.5
14.0	22.1	119.5
15.0	22.0	117.6
16.0	21.8	115.8
17.0	21.9	116.3
18.0	22.0	117.6
19.0	22.0	118.0
20.0	22.1	118.8
21.0	22.3	120.0
22.0	22.5	120.7
23.0	22.6	120.5
24.0	22.6	119.4
25.0	22.7	118.2
26.0	22.9	119.2
27.0	23.0	119.5
28.0	23.1	118.6
29.0	23.0	116.6
30.0	23.0	115.0
31.0	23.1	113.5
32.0	23.3	112.1
33.0	23.5	111.7
34.0	23.7	111.5

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

35.0	24.1	112.5
36.0	24.5	114.8
37.0	25.0	117.2
38.0	25.4	119.0
39.0	25.7	119.6
40.0	25.8	118.9
41.0	26.0	117.8
42.0	26.3	117.3
43.0	26.6	118.2
44.0	27.1	119.7
45.0	27.3	118.9
46.0	27.3	116.7
47.0	27.4	114.7
48.0	27.5	113.1
49.0	27.8	113.2
50.0	28.1	114.1
51.0	28.6	115.7
52.0	29.2	117.6
53.0	29.7	119.8
54.0	30.4	123.0
55.0	30.7	123.0
56.0	30.8	120.9
57.0	30.9	118.8
58.0	31.0	117.2
59.0	31.2	116.3
60.0	31.5	115.8
61.0	31.9	115.8
62.0	32.2	115.7
63.0	32.5	115.0
64.0	32.8	114.1
65.0	33.0	112.8
66.0	33.2	112.3
67.0	33.7	113.4
68.0	34.3	114.8
69.0	34.7	115.4
70.0	35.0	115.6
71.0	35.4	115.4
72.0	35.8	115.2
73.0	36.1	114.8
74.0	36.3	113.7
75.0	36.5	112.6
76.0	36.9	112.7
77.0	37.5	114.8
78.0	38.0	115.5
79.0	38.3	115.3
80.0	38.7	115.6
81.0	39.2	117.4
82.0	39.8	119.5
83.0	40.2	120.4
84.0	40.6	120.4
85.0	40.9	120.6
86.0	41.3	121.6
87.0	41.8	122.8
88.0	42.1	123.0
89.0	42.3	122.0
90.0	42.4	120.7
91.0	42.4	120.0

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

92.0	42.3	119.2
93.0	42.1	117.3
94.0	42.1	116.2
95.0	42.0	115.5
96.0	41.9	114.5
97.0	41.8	112.7
98.0	41.6	111.2
99.0	41.5	110.2
100.0	41.4	109.0
101.0	41.3	108.0
102.0	41.2	107.7
103.0	41.2	107.5
104.0	41.1	107.2
105.0	41.1	106.8
106.0	41.1	107.0
107.0	41.2	107.6
108.0	41.3	108.4
109.0	41.4	109.0
110.0	41.5	109.6
111.0	41.6	110.2
112.0	41.6	110.4
113.0	41.6	110.3
114.0	41.6	110.3
115.0	41.7	111.0
116.0	41.9	112.2
117.0	42.1	113.8
118.0	42.3	115.2
119.0	42.4	116.1
120.0	42.6	117.5
121.0	43.0	120.2
122.0	43.3	122.6
123.0	43.6	124.6
124.0	43.8	126.2
125.0	44.0	127.8
126.0	44.2	129.0
127.0	44.2	129.5
128.0	44.2	129.1
129.0	44.1	128.5
130.0	44.0	127.8
131.0	43.9	127.0
132.0	43.7	125.6
133.0	43.5	124.2
134.0	43.3	122.4
135.0	43.0	120.6
136.0	42.9	119.5
137.0	42.8	118.6
138.0	42.7	117.9
139.0	42.6	117.3
140.0	42.5	116.8
141.0	42.5	116.5
142.0	42.4	116.0
143.0	42.4	115.7
144.0	42.3	115.3
145.0	42.2	114.5
146.0	42.1	113.7
147.0	42.0	113.2
148.0	42.0	113.0

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

149.0	42.0	112.9
150.0	42.0	113.1
151.0	42.1	113.7
152.0	42.2	114.4
153.0	42.3	115.2
154.0	42.4	116.1
155.0	42.6	117.0
156.0	42.7	117.8
157.0	42.7	118.2
158.0	42.8	118.4
159.0	42.8	118.7
160.0	42.9	119.4
161.0	43.1	120.7
162.0	43.3	122.3
163.0	43.7	125.5
164.0	43.8	126.4
165.0	43.7	125.5
166.0	43.6	124.8
167.0	43.5	123.9
168.0	43.2	121.8
169.0	42.9	119.8
170.0	42.8	118.4
171.0	42.7	117.7
172.0	42.6	117.3
173.0	42.5	116.8
174.0	42.5	116.4
175.0	42.4	116.2
176.0	42.5	116.5
177.0	42.7	117.7
178.0	42.8	118.9
179.0	42.8	118.8
180.0	42.7	118.0
181.0	42.6	117.6
182.0	42.6	117.3
183.0	42.6	117.0
184.0	42.6	117.0
185.0	42.6	117.0
186.0	42.5	116.8
187.0	42.5	116.4
188.0	42.5	116.4
189.0	42.5	116.5
190.0	42.5	116.7
191.0	42.4	115.5
192.0	42.1	113.4
193.0	41.9	112.4
194.0	42.0	112.9
195.0	42.1	113.9
196.0	42.2	114.7
197.0	42.2	114.4
198.0	42.1	113.6
199.0	41.9	112.5
200.0	41.8	111.7
201.0	41.7	111.0
202.0	41.6	110.0
203.0	41.4	109.2
204.0	41.3	108.5
205.0	41.1	107.2

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

206.0	41.0	106.5
207.0	41.0	106.6
208.0	41.0	106.6
209.0	41.0	106.6
210.0	41.0	106.3
211.0	41.1	106.7
212.0	40.9	105.4
213.0	40.6	103.5
214.0	40.4	102.7
215.0	40.5	103.4
216.0	40.5	103.3
217.0	40.4	102.3
218.0	40.3	102.0
219.0	40.0	100.3
220.0	39.8	98.8
221.0	39.7	98.5
222.0	39.6	97.9
223.0	39.5	97.1
224.0	39.3	96.2
225.0	39.1	95.1
226.0	38.8	93.2
227.0	38.5	91.4
228.0	38.4	91.1
229.0	38.2	90.1
230.0	38.0	88.8
231.0	37.8	87.8
232.0	37.6	86.6
233.0	37.5	86.4
234.0	37.7	86.9
235.0	37.8	87.7
236.0	37.7	87.1
237.0	37.3	85.3
238.0	37.1	84.2
239.0	36.9	82.9
240.0	36.6	81.5
241.0	36.4	80.4
242.0	36.1	79.0
243.0	35.9	78.0
244.0	35.8	77.6
245.0	35.8	77.6
246.0	35.8	77.7
247.0	35.8	77.7
248.0	35.6	76.8
249.0	35.1	74.3
250.0	34.1	69.5
251.0	33.4	66.5
252.0	33.7	67.7
253.0	34.0	69.1
254.0	34.5	71.5
255.0	35.1	74.3
256.0	35.1	74.1
257.0	35.0	74.0
258.0	35.3	75.3
259.0	35.5	76.4
260.0	35.7	76.9
261.0	35.6	77.1
262.0	35.6	77.2

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

263.0	35.8	78.3
264.0	35.9	79.3
265.0	36.0	80.3
266.0	36.3	81.9
267.0	36.6	83.7
268.0	36.8	85.3
269.0	37.0	86.7
270.0	37.2	87.8
271.0	37.0	88.4
272.0	36.8	88.7
273.0	36.5	88.5
274.0	36.1	88.2
275.0	35.8	88.1
276.0	35.5	88.2
277.0	35.3	88.7
278.0	35.1	89.2
279.0	34.9	90.0
280.0	34.7	90.6
281.0	34.4	90.9
282.0	34.0	90.1
283.0	33.5	89.4
284.0	33.1	89.3
285.0	32.8	89.7
286.0	32.6	90.5
287.0	32.5	91.7
288.0	32.2	92.4
289.0	31.8	92.5
290.0	31.4	92.4
291.0	31.1	92.3
292.0	30.7	91.9
293.0	30.4	91.5
294.0	30.1	91.9
295.0	30.2	94.1
296.0	30.0	95.2
297.0	29.8	95.9
298.0	29.5	96.3
299.0	29.2	96.6
300.0	29.0	97.0
301.0	28.8	97.2
302.0	28.6	96.4
303.0	28.3	95.7
304.0	28.3	96.3
305.0	28.3	97.5
306.0	28.3	98.7
307.0	28.3	99.5
308.0	28.1	99.6
309.0	28.2	101.1
310.0	28.3	103.2
311.0	28.3	104.6
312.0	28.3	105.4
313.0	28.3	106.5
314.0	28.3	108.0
315.0	28.4	109.7
316.0	28.3	110.6
317.0	28.1	110.1
318.0	27.9	109.6
319.0	27.9	111.0

McCormick, SC (CP) F(50,50) 60.0 dBu 3 Second Data

320.0	28.0	113.1
321.0	27.8	113.5
322.0	27.5	113.0
323.0	27.2	113.0
324.0	27.0	113.1
325.0	26.8	113.6
326.0	26.4	113.1
327.0	26.1	112.6
328.0	25.8	111.9
329.0	25.5	112.6
330.0	25.4	114.2
331.0	25.1	113.3
332.0	24.9	113.6
333.0	24.8	115.8
334.0	24.8	118.1
335.0	24.7	119.2
336.0	24.5	120.6
337.0	24.5	123.2
338.0	24.3	124.7
339.0	24.0	123.7
340.0	23.6	122.5
341.0	23.5	122.6
342.0	23.5	123.7
343.0	23.4	124.7
344.0	23.3	124.1
345.0	23.1	123.4
346.0	22.9	122.8
347.0	22.8	122.8
348.0	22.7	123.0
349.0	22.6	124.2
350.0	22.5	124.5
351.0	22.6	125.4
352.0	22.6	125.8
353.0	22.6	124.9
354.0	22.3	122.0
355.0	22.1	118.7
356.0	21.9	117.1
357.0	21.9	117.2
358.0	21.9	116.7
359.0	21.9	116.1

Average HAAT for radials shown: 108.9 m

McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

Call Letters: McCormick, SC CP
 File Number: BNPED20071022BSL
 Latitude: 33-46-28 N
 Longitude: 082-24-36 W
 ERP: 28.00 kW
 Channel: 216
 Frequency: 91.1 MHz
 AMSL Height: 228.0 m
 Elevation: 146.0 m
 HAAT: 107.0 m
 Horiz. Antenna Pattern: Directional

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 10.0 %
 # of Radials Calculated: 360
 Field Strength: 100.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	1.90	114.9
1.0	1.90	115.0
2.0	1.90	115.7
3.0	1.90	115.4
4.0	1.90	116.2
5.0	1.91	117.6
6.0	1.92	120.1
7.0	1.93	123.6
8.0	1.94	125.8
9.0	1.93	125.4
10.0	1.93	125.0
11.0	1.93	124.5
12.0	1.93	123.4
13.0	1.92	121.5
14.0	1.91	119.5
15.0	1.91	117.6
16.0	1.90	115.8
17.0	1.90	116.3
18.0	1.91	117.6
19.0	1.91	118.0
20.0	1.91	118.8
21.0	1.93	120.0
22.0	1.95	120.7
23.0	1.97	120.5
24.0	1.98	119.4
25.0	1.99	118.2
26.0	2.01	119.2
27.0	2.02	119.5
28.0	2.04	118.6
29.0	2.04	116.6
30.0	2.05	115.0
31.0	2.07	113.5
32.0	2.10	112.1
33.0	2.13	111.7
34.0	2.15	111.5

McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

35.0	2.19	112.5
36.0	2.23	114.8
37.0	2.28	117.2
38.0	2.32	119.0
39.0	2.35	119.6
40.0	2.38	118.9
41.0	2.41	117.8
42.0	2.44	117.3
43.0	2.48	118.2
44.0	2.52	119.7
45.0	2.55	118.9
46.0	2.57	116.7
47.0	2.59	114.7
48.0	2.61	113.1
49.0	2.64	113.2
50.0	2.68	114.1
51.0	2.73	115.7
52.0	2.79	117.6
53.0	2.84	119.8
54.0	2.91	123.0
55.0	2.95	123.0
56.0	2.97	120.9
57.0	2.99	118.8
58.0	3.01	117.2
59.0	3.04	116.3
60.0	3.07	115.8
61.0	3.11	115.8
62.0	3.16	115.7
63.0	3.19	115.0
64.0	3.22	114.1
65.0	3.25	112.8
66.0	3.28	112.3
67.0	3.34	113.4
68.0	3.40	114.8
69.0	3.45	115.4
70.0	3.49	115.6
71.0	3.54	115.4
72.0	3.59	115.2
73.0	3.63	114.8
74.0	3.66	113.7
75.0	3.70	112.6
76.0	3.74	112.7
77.0	3.82	114.8
78.0	3.88	115.5
79.0	3.92	115.3
80.0	3.97	115.6
81.0	4.04	117.4
82.0	4.12	119.5
83.0	4.18	120.4
84.0	4.22	120.4
85.0	4.27	120.6
86.0	4.33	121.6
87.0	4.39	122.8
88.0	4.44	123.0
89.0	4.47	122.0
90.0	4.49	120.7
91.0	4.49	120.0

McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

92.0	4.49	119.2
93.0	4.46	117.3
94.0	4.46	116.2
95.0	4.45	115.5
96.0	4.44	114.5
97.0	4.42	112.7
98.0	4.40	111.2
99.0	4.39	110.2
100.0	4.38	109.0
101.0	4.36	108.0
102.0	4.35	107.7
103.0	4.35	107.5
104.0	4.34	107.2
105.0	4.34	106.8
106.0	4.34	107.0
107.0	4.35	107.6
108.0	4.37	108.4
109.0	4.38	109.0
110.0	4.39	109.6
111.0	4.40	110.2
112.0	4.41	110.4
113.0	4.40	110.3
114.0	4.40	110.3
115.0	4.42	111.0
116.0	4.44	112.2
117.0	4.47	113.8
118.0	4.50	115.2
119.0	4.52	116.1
120.0	4.54	117.5
121.0	4.59	120.2
122.0	4.63	122.6
123.0	4.66	124.6
124.0	4.69	126.2
125.0	4.72	127.8
126.0	4.74	129.0
127.0	4.74	129.5
128.0	4.74	129.1
129.0	4.73	128.5
130.0	4.72	127.8
131.0	4.70	127.0
132.0	4.68	125.6
133.0	4.65	124.2
134.0	4.63	122.4
135.0	4.59	120.6
136.0	4.58	119.5
137.0	4.56	118.6
138.0	4.55	117.9
139.0	4.54	117.3
140.0	4.53	116.8
141.0	4.52	116.5
142.0	4.51	116.0
143.0	4.51	115.7
144.0	4.50	115.3
145.0	4.49	114.5
146.0	4.47	113.7
147.0	4.46	113.2
148.0	4.46	113.0

McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

149.0	4.45	112.9
150.0	4.46	113.1
151.0	4.47	113.7
152.0	4.48	114.4
153.0	4.50	115.2
154.0	4.51	116.1
155.0	4.53	117.0
156.0	4.55	117.8
157.0	4.55	118.2
158.0	4.56	118.4
159.0	4.56	118.7
160.0	4.57	119.4
161.0	4.60	120.7
162.0	4.62	122.3
163.0	4.68	125.5
164.0	4.69	126.4
165.0	4.68	125.5
166.0	4.67	124.8
167.0	4.65	123.9
168.0	4.61	121.8
169.0	4.58	119.8
170.0	4.56	118.4
171.0	4.54	117.7
172.0	4.54	117.3
173.0	4.53	116.8
174.0	4.52	116.4
175.0	4.52	116.2
176.0	4.52	116.5
177.0	4.54	117.7
178.0	4.57	118.9
179.0	4.56	118.8
180.0	4.55	118.0
181.0	4.54	117.6
182.0	4.54	117.3
183.0	4.53	117.0
184.0	4.53	117.0
185.0	4.53	117.0
186.0	4.53	116.8
187.0	4.52	116.4
188.0	4.52	116.4
189.0	4.52	116.5
190.0	4.53	116.7
191.0	4.50	115.5
192.0	4.46	113.4
193.0	4.44	112.4
194.0	4.45	112.9
195.0	4.47	113.9
196.0	4.49	114.7
197.0	4.48	114.4
198.0	4.47	113.6
199.0	4.45	112.5
200.0	4.43	111.7
201.0	4.42	111.0
202.0	4.40	110.0
203.0	4.38	109.2
204.0	4.37	108.5
205.0	4.34	107.2

McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

206.0	4.33	106.5
207.0	4.33	106.6
208.0	4.33	106.6
209.0	4.33	106.6
210.0	4.33	106.3
211.0	4.33	106.7
212.0	4.31	105.4
213.0	4.27	103.5
214.0	4.25	102.7
215.0	4.27	103.4
216.0	4.26	103.3
217.0	4.24	102.3
218.0	4.24	102.0
219.0	4.20	100.3
220.0	4.17	98.8
221.0	4.16	98.5
222.0	4.15	97.9
223.0	4.13	97.1
224.0	4.11	96.2
225.0	4.09	95.1
226.0	4.05	93.2
227.0	4.01	91.4
228.0	4.00	91.1
229.0	3.98	90.1
230.0	3.95	88.8
231.0	3.93	87.8
232.0	3.90	86.6
233.0	3.89	86.4
234.0	3.90	86.9
235.0	3.92	87.7
236.0	3.91	87.1
237.0	3.87	85.3
238.0	3.84	84.2
239.0	3.81	82.9
240.0	3.78	81.5
241.0	3.75	80.4
242.0	3.72	79.0
243.0	3.70	78.0
244.0	3.69	77.6
245.0	3.69	77.6
246.0	3.69	77.7
247.0	3.69	77.7
248.0	3.67	76.8
249.0	3.61	74.3
250.0	3.50	69.5
251.0	3.43	66.5
252.0	3.46	67.7
253.0	3.49	69.1
254.0	3.55	71.5
255.0	3.61	74.3
256.0	3.61	74.1
257.0	3.61	74.0
258.0	3.64	75.3
259.0	3.66	76.4
260.0	3.67	76.9
261.0	3.67	77.1
262.0	3.67	77.2

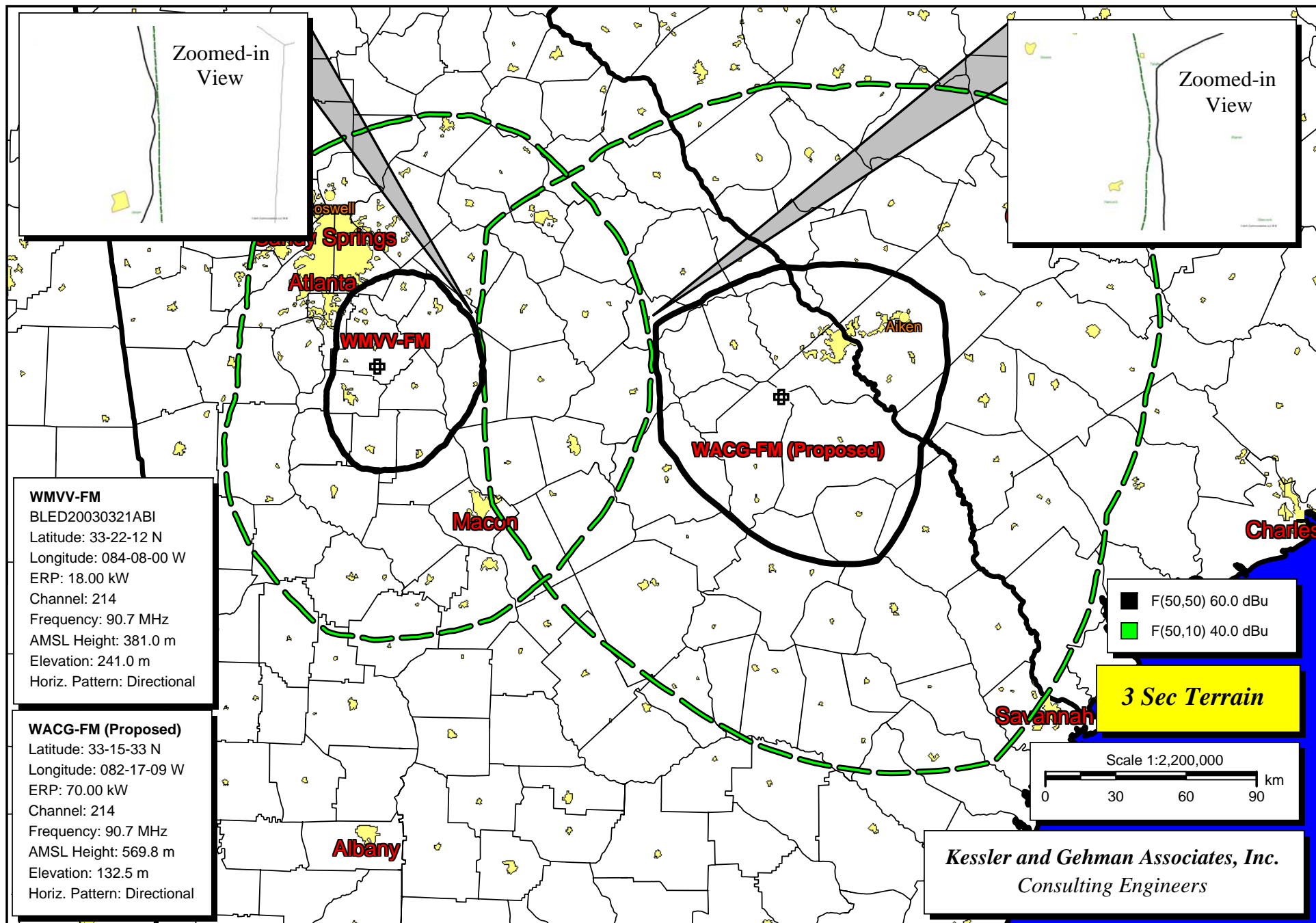
McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

263.0	3.68	78.3
264.0	3.70	79.3
265.0	3.71	80.3
266.0	3.74	81.9
267.0	3.77	83.7
268.0	3.80	85.3
269.0	3.82	86.7
270.0	3.84	87.8
271.0	3.82	88.4
272.0	3.79	88.7
273.0	3.75	88.5
274.0	3.71	88.2
275.0	3.67	88.1
276.0	3.63	88.2
277.0	3.61	88.7
278.0	3.58	89.2
279.0	3.55	90.0
280.0	3.53	90.6
281.0	3.49	90.9
282.0	3.44	90.1
283.0	3.39	89.4
284.0	3.34	89.3
285.0	3.31	89.7
286.0	3.28	90.5
287.0	3.26	91.7
288.0	3.23	92.4
289.0	3.19	92.5
290.0	3.15	92.4
291.0	3.11	92.3
292.0	3.07	91.9
293.0	3.03	91.5
294.0	3.00	91.9
295.0	3.00	94.1
296.0	2.98	95.2
297.0	2.95	95.9
298.0	2.91	96.3
299.0	2.88	96.6
300.0	2.84	97.0
301.0	2.83	97.2
302.0	2.80	96.4
303.0	2.78	95.7
304.0	2.77	96.3
305.0	2.77	97.5
306.0	2.76	98.7
307.0	2.76	99.5
308.0	2.74	99.6
309.0	2.74	101.1
310.0	2.74	103.2
311.0	2.74	104.6
312.0	2.74	105.4
313.0	2.73	106.5
314.0	2.73	108.0
315.0	2.73	109.7
316.0	2.72	110.6
317.0	2.70	110.1
318.0	2.68	109.6
319.0	2.67	111.0

McCormick, SC (CP) F(50,10) 100.0 dBu 3 Second Data

320.0	2.67	113.1
321.0	2.64	113.5
322.0	2.61	113.0
323.0	2.57	113.0
324.0	2.54	113.1
325.0	2.51	113.6
326.0	2.48	113.1
327.0	2.44	112.6
328.0	2.40	111.9
329.0	2.37	112.6
330.0	2.35	114.2
331.0	2.31	113.3
332.0	2.29	113.6
333.0	2.27	115.8
334.0	2.25	118.1
335.0	2.23	119.2
336.0	2.20	120.6
337.0	2.18	123.2
338.0	2.16	124.7
339.0	2.12	123.7
340.0	2.08	122.5
341.0	2.07	122.6
342.0	2.06	123.7
343.0	2.04	124.7
344.0	2.03	124.1
345.0	2.01	123.4
346.0	1.99	122.8
347.0	1.97	122.8
348.0	1.96	123.0
349.0	1.95	124.2
350.0	1.93	124.5
351.0	1.93	125.4
352.0	1.94	125.8
353.0	1.93	124.9
354.0	1.92	122.0
355.0	1.91	118.7
356.0	1.90	117.1
357.0	1.90	117.2
358.0	1.90	116.7
359.0	1.90	116.1

Average HAAT for radials shown: 108.9 m



WACG-FM F(50,10) 40.0 dBu 3 Second Data

Call Letters: WACG-FM (Proposed)
Latitude: 33-15-33 N
Longitude: 082-17-09 W
ERP: 70.00 kW
Channel: 214
Frequency: 90.7 MHz
AMSL Height: 569.8 m
Elevation: 132.5 m
HAAT: 455.2 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 40.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	133.1	445.3
1.0	133.0	444.3
2.0	132.9	443.9
3.0	132.9	443.6
4.0	132.8	443.1
5.0	132.8	442.9
6.0	132.9	443.7
7.0	133.0	444.9
8.0	133.1	445.4
9.0	133.1	445.9
10.0	133.3	447.5
11.0	134.3	448.8
12.0	135.2	449.2
13.0	136.2	451.0
14.0	137.1	451.3
15.0	137.8	451.1
16.0	138.5	450.2
17.0	139.2	449.4
18.0	139.9	448.5
19.0	140.4	446.2
20.0	140.9	444.0
21.0	141.7	442.6
22.0	142.6	442.4
23.0	143.5	442.2
24.0	144.5	442.8
25.0	145.6	444.3
26.0	146.5	443.9
27.0	147.5	444.3
28.0	148.4	445.0
29.0	149.5	446.5
30.0	150.4	447.4
31.0	151.5	448.1
32.0	152.6	448.9
33.0	153.8	450.2
34.0	154.8	451.3
35.0	155.7	450.9

WACG-FM F(50,10) 40.0 dBu 3 Second Data

36.0	156.5	449.5
37.0	157.3	447.8
38.0	158.1	447.7
39.0	159.1	448.8
40.0	160.0	449.0
41.0	160.9	448.6
42.0	161.9	448.4
43.0	162.9	448.3
44.0	163.8	447.7
45.0	164.7	447.8
46.0	165.6	447.6
47.0	166.5	448.3
48.0	167.5	450.1
49.0	168.2	448.7
50.0	168.8	445.3
51.0	169.6	442.4
52.0	170.4	440.8
53.0	171.3	438.8
54.0	172.1	437.1
55.0	173.1	437.7
56.0	174.1	438.3
57.0	175.2	439.7
58.0	176.1	440.0
59.0	177.0	439.7
60.0	177.9	440.1
61.0	177.1	441.0
62.0	176.2	440.9
63.0	175.3	441.3
64.0	174.4	442.3
65.0	173.7	444.7
66.0	172.8	446.3
67.0	171.9	446.3
68.0	170.8	445.7
69.0	169.8	445.4
70.0	168.8	445.6
71.0	168.3	445.9
72.0	167.8	446.0
73.0	167.3	446.1
74.0	166.8	446.7
75.0	166.3	447.4
76.0	165.9	448.4
77.0	165.5	450.2
78.0	165.0	451.7
79.0	164.5	452.1
80.0	163.9	452.0
81.0	163.0	451.4
82.0	162.2	451.4
83.0	161.4	451.8
84.0	160.5	452.0
85.0	159.6	452.6
86.0	158.8	453.7
87.0	158.0	454.7
88.0	157.1	455.6
89.0	156.2	456.6
90.0	155.3	457.9
91.0	155.0	458.6
92.0	154.7	459.5

WACG-FM F(50,10) 40.0 dBu 3 Second Data

93.0	154.5	461.1
94.0	154.4	463.4
95.0	154.1	464.5
96.0	153.7	464.7
97.0	153.4	464.7
98.0	153.0	465.0
99.0	152.7	465.5
100.0	152.4	466.2
101.0	151.9	466.7
102.0	151.4	467.6
103.0	150.9	468.6
104.0	150.4	469.5
105.0	149.9	470.2
106.0	149.4	470.7
107.0	148.8	471.2
108.0	148.3	472.0
109.0	147.8	473.1
110.0	147.3	474.0
111.0	148.0	474.9
112.0	148.8	476.1
113.0	149.5	477.4
114.0	150.3	479.1
115.0	151.1	481.4
116.0	151.9	483.6
117.0	152.5	484.9
118.0	153.1	485.3
119.0	153.7	485.6
120.0	154.3	486.3
121.0	155.4	487.4
122.0	156.5	488.4
123.0	157.5	489.1
124.0	158.4	489.7
125.0	159.3	489.5
126.0	160.1	488.5
127.0	160.8	487.3
128.0	161.5	485.2
129.0	162.2	483.4
130.0	162.8	481.8
131.0	163.6	479.7
132.0	164.4	477.8
133.0	165.3	477.1
134.0	166.1	476.3
135.0	166.9	474.9
136.0	167.7	474.3
137.0	168.6	474.1
138.0	169.4	474.0
139.0	170.1	472.6
140.0	170.8	470.6
141.0	171.7	469.2
142.0	172.6	468.0
143.0	173.5	467.4
144.0	174.4	466.4
145.0	175.3	465.5
146.0	176.2	464.6
147.0	177.0	463.7
148.0	177.9	463.1
149.0	178.8	462.7

WACG-FM F(50,10) 40.0 dBu 3 Second Data

150.0	179.8	462.9
151.0	178.8	463.1
152.0	177.9	463.0
153.0	177.0	463.0
154.0	176.1	463.3
155.0	175.1	463.5
156.0	174.2	463.4
157.0	173.2	463.3
158.0	172.2	462.8
159.0	171.1	462.2
160.0	170.1	462.1
161.0	169.3	461.9
162.0	168.5	462.3
163.0	167.7	462.5
164.0	166.8	462.5
165.0	165.9	462.2
166.0	165.0	461.9
167.0	164.0	461.0
168.0	162.9	459.8
169.0	161.9	459.3
170.0	160.9	459.2
171.0	160.0	458.9
172.0	159.2	458.5
173.0	158.2	458.0
174.0	157.4	458.1
175.0	156.5	458.5
176.0	155.6	458.7
177.0	154.7	459.0
178.0	153.7	459.4
179.0	152.8	459.8
180.0	151.8	460.2
181.0	151.0	460.5
182.0	150.2	460.8
183.0	149.5	461.7
184.0	148.6	461.9
185.0	147.6	461.4
186.0	146.6	460.6
187.0	145.6	459.8
188.0	144.6	459.3
189.0	143.6	459.4
190.0	142.7	459.8
191.0	141.9	459.9
192.0	141.2	460.0
193.0	140.4	460.1
194.0	139.6	460.3
195.0	138.8	460.1
196.0	138.0	459.9
197.0	137.2	459.6
198.0	136.3	459.6
199.0	135.5	460.1
200.0	134.6	459.6
201.0	134.2	459.2
202.0	133.8	458.9
203.0	133.3	458.2
204.0	132.8	457.2
205.0	132.3	456.2
206.0	131.8	455.4

WACG-FM F(50,10) 40.0 dBu 3 Second Data

207.0	131.4	455.2
208.0	131.0	455.8
209.0	130.7	456.6
210.0	130.2	456.4
211.0	130.0	455.6
212.0	129.8	454.8
213.0	129.6	454.4
214.0	129.5	454.1
215.0	129.4	454.3
216.0	129.3	454.8
217.0	129.2	455.4
218.0	129.2	455.8
219.0	129.1	456.1
220.0	128.9	456.2
221.0	128.9	456.3
222.0	128.8	456.2
223.0	128.8	456.2
224.0	128.7	456.3
225.0	128.6	456.2
226.0	128.6	456.4
227.0	128.5	456.2
228.0	128.4	456.1
229.0	128.3	456.0
230.0	128.2	455.5
231.0	128.1	455.1
232.0	128.0	454.9
233.0	127.9	454.8
234.0	127.9	454.7
235.0	127.8	454.5
236.0	127.6	453.5
237.0	127.4	452.6
238.0	127.3	452.1
239.0	127.2	451.6
240.0	127.0	450.8
241.0	127.3	448.8
242.0	127.7	447.6
243.0	128.1	446.9
244.0	128.5	445.7
245.0	128.9	444.8
246.0	129.4	444.4
247.0	129.8	444.2
248.0	130.3	444.2
249.0	130.7	444.0
250.0	131.1	443.7
251.0	130.7	443.1
252.0	130.3	442.6
253.0	130.0	442.4
254.0	129.6	442.1
255.0	129.2	442.1
256.0	128.9	442.1
257.0	128.5	442.1
258.0	128.1	442.1
259.0	127.8	442.6
260.0	127.5	443.5
261.0	127.5	444.3
262.0	127.3	444.3
263.0	127.2	444.0

WACG-FM F(50,10) 40.0 dBu 3 Second Data

264.0	127.0	443.7
265.0	126.9	443.5
266.0	126.7	443.0
267.0	126.5	442.5
268.0	126.3	441.9
269.0	126.2	441.9
270.0	126.1	442.4
271.0	126.3	443.1
272.0	126.6	443.7
273.0	126.7	443.6
274.0	127.0	444.1
275.0	127.1	443.9
276.0	127.3	444.4
277.0	127.7	445.9
278.0	128.1	448.0
279.0	128.5	450.4
280.0	129.0	452.9
281.0	130.2	456.2
282.0	131.2	457.8
283.0	131.9	456.3
284.0	132.5	454.7
285.0	133.0	451.9
286.0	133.3	448.0
287.0	133.6	443.6
288.0	133.8	439.0
289.0	134.2	435.5
290.0	134.9	435.5
291.0	135.8	438.2
292.0	136.7	440.1
293.0	137.5	441.3
294.0	138.2	442.6
295.0	139.1	444.4
296.0	139.9	446.2
297.0	141.0	449.8
298.0	142.1	454.2
299.0	143.1	457.4
300.0	144.1	460.6
301.0	143.5	462.4
302.0	142.8	463.0
303.0	142.0	462.8
304.0	141.1	462.3
305.0	140.2	461.8
306.0	139.3	461.1
307.0	138.5	461.1
308.0	137.6	460.7
309.0	136.7	460.2
310.0	135.8	460.2
311.0	135.2	460.0
312.0	134.4	459.3
313.0	133.5	457.7
314.0	132.7	456.7
315.0	131.9	455.7
316.0	131.2	455.9
317.0	130.6	457.5
318.0	130.1	459.7
319.0	129.5	462.2
320.0	128.9	464.3

WACG-FM F(50,10) 40.0 dBu 3 Second Data

321.0	129.1	466.0
322.0	129.4	468.7
323.0	129.7	471.0
324.0	129.8	471.6
325.0	129.6	470.6
326.0	129.4	468.5
327.0	129.0	465.0
328.0	128.7	461.7
329.0	128.3	458.5
330.0	127.9	455.0
331.0	127.8	451.7
332.0	127.7	448.2
333.0	127.5	444.5
334.0	127.5	442.4
335.0	127.6	440.9
336.0	127.5	438.0
337.0	127.4	434.8
338.0	127.3	431.8
339.0	127.3	429.8
340.0	127.4	428.2
341.0	127.4	428.6
342.0	127.6	430.3
343.0	128.0	433.6
344.0	128.5	437.6
345.0	128.7	439.5
346.0	128.8	440.6
347.0	128.8	440.9
348.0	128.8	440.2
349.0	128.8	440.8
350.0	128.9	441.3
351.0	129.3	441.3
352.0	129.6	440.3
353.0	130.3	443.1
354.0	130.6	442.9
355.0	131.1	443.6
356.0	131.6	445.2
357.0	132.1	446.5
358.0	132.3	445.2
359.0	132.8	446.0

Average HAAT for radials shown: 454.7 m

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

Call Letters: WMVV-FM
 File Number: BLED20030321ABI
 Latitude: 33-22-12 N
 Longitude: 084-08-00 W
 ERP: 18.00 kW
 Channel: 214
 Frequency: 90.7 MHz
 AMSL Height: 381.0 m
 Elevation: 241.0 m
 HAAT: 144.0 m
 Horiz. Antenna Pattern: Directional

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 50.0 %
 # of Radials Calculated: 360
 Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	37.5	135.1
1.0	37.8	136.0
2.0	38.1	137.2
3.0	38.3	136.8
4.0	38.5	136.8
5.0	38.7	137.6
6.0	39.1	139.0
7.0	39.5	140.7
8.0	40.0	143.1
9.0	40.4	144.9
10.0	40.9	147.6
11.0	41.2	148.0
12.0	41.3	147.2
13.0	41.4	146.5
14.0	41.6	146.5
15.0	41.7	146.0
16.0	41.8	145.3
17.0	41.8	144.0
18.0	42.1	144.6
19.0	42.6	147.3
20.0	43.0	148.4
21.0	42.9	148.2
22.0	43.0	148.8
23.0	43.0	149.1
24.0	43.1	149.3
25.0	43.2	150.3
26.0	43.3	151.0
27.0	43.4	152.2
28.0	43.7	154.6
29.0	44.1	157.8
30.0	44.4	160.1
31.0	44.6	162.0
32.0	44.8	163.6
33.0	44.8	163.1
34.0	44.7	162.2

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

35.0	44.4	159.9
36.0	44.1	157.7
37.0	43.9	156.0
38.0	43.8	155.2
39.0	43.8	154.9
40.0	43.6	153.6
41.0	43.6	153.1
42.0	43.5	152.8
43.0	43.5	152.4
44.0	43.3	151.1
45.0	43.1	149.7
46.0	43.0	148.4
47.0	42.8	147.5
48.0	42.8	147.4
49.0	42.9	148.2
50.0	43.1	149.9
51.0	43.4	151.9
52.0	43.5	153.0
53.0	43.4	152.1
54.0	43.2	150.0
55.0	43.1	149.8
56.0	43.4	151.9
57.0	43.7	154.1
58.0	43.9	156.2
59.0	44.2	158.5
60.0	44.5	160.6
61.0	44.6	161.9
62.0	44.7	162.7
63.0	44.8	163.2
64.0	44.7	162.9
65.0	44.6	162.1
66.0	44.6	161.9
67.0	44.7	162.2
68.0	44.6	161.8
69.0	44.5	161.3
70.0	44.6	161.7
71.0	44.6	162.0
72.0	44.6	162.1
73.0	44.6	161.6
74.0	44.4	159.9
75.0	44.3	158.8
76.0	44.3	159.1
77.0	44.3	159.0
78.0	44.3	159.0
79.0	44.3	159.2
80.0	44.3	159.5
81.0	44.4	159.8
82.0	44.4	159.9
83.0	44.5	160.7
84.0	44.6	162.0
85.0	44.9	164.4
86.0	45.1	166.0
87.0	45.1	165.8
88.0	44.9	164.4
89.0	44.7	162.3
90.0	44.9	164.6
91.0	44.9	164.7

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

92.0	44.7	162.8
93.0	44.6	161.5
94.0	44.6	162.1
95.0	44.8	163.7
96.0	44.9	164.6
97.0	45.1	166.0
98.0	45.2	167.1
99.0	45.1	166.0
100.0	44.9	164.3
101.0	44.8	163.1
102.0	44.5	161.1
103.0	44.3	159.2
104.0	44.0	156.9
105.0	43.8	155.3
106.0	43.7	154.3
107.0	43.7	154.7
108.0	43.7	154.4
109.0	43.7	154.1
110.0	43.7	154.3
111.0	43.7	154.1
112.0	43.5	152.9
113.0	43.5	152.6
114.0	43.5	153.0
115.0	43.6	153.2
116.0	43.5	153.0
117.0	43.5	152.5
118.0	43.4	151.6
119.0	43.2	150.3
120.0	43.2	150.5
121.0	43.3	150.7
122.0	43.2	150.4
123.0	43.2	150.2
124.0	43.0	148.8
125.0	42.8	147.2
126.0	42.7	146.2
127.0	42.6	145.3
128.0	42.4	144.3
129.0	42.5	144.8
130.0	42.6	145.8
131.0	42.6	145.8
132.0	42.7	146.2
133.0	42.9	147.9
134.0	43.0	149.1
135.0	43.2	150.3
136.0	43.5	152.3
137.0	43.7	154.7
138.0	43.9	156.3
139.0	44.0	156.6
140.0	43.8	155.4
141.0	43.6	153.8
142.0	43.6	153.7
143.0	43.7	154.3
144.0	43.7	154.6
145.0	44.0	156.8
146.0	44.1	158.0
147.0	44.3	159.5
148.0	44.6	161.3

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

149.0	44.6	161.8
150.0	44.8	163.2
151.0	45.0	165.4
152.0	45.3	167.5
153.0	45.5	169.5
154.0	45.7	171.5
155.0	45.8	172.7
156.0	45.6	171.0
157.0	45.4	168.9
158.0	45.4	169.0
159.0	45.4	168.6
160.0	45.3	168.0
161.0	45.3	167.5
162.0	45.2	167.3
163.0	45.2	166.7
164.0	44.8	163.8
165.0	44.8	163.4
166.0	44.7	162.6
167.0	44.7	162.3
168.0	44.6	161.9
169.0	44.6	161.6
170.0	44.6	161.6
171.0	44.5	161.2
172.0	44.4	159.7
173.0	44.3	159.3
174.0	44.2	158.7
175.0	44.0	157.1
176.0	44.2	158.2
177.0	44.3	158.9
178.0	44.4	160.3
179.0	44.5	161.2
180.0	44.6	161.5
181.0	44.4	160.0
182.0	44.0	157.3
183.0	43.9	156.6
184.0	43.8	155.6
185.0	43.7	154.9
186.0	43.7	155.6
187.0	43.9	157.1
188.0	43.9	156.9
189.0	43.7	155.9
190.0	43.5	154.2
191.0	43.0	153.2
192.0	42.8	154.2
193.0	42.5	155.2
194.0	42.1	154.8
195.0	41.6	153.4
196.0	41.1	152.6
197.0	40.5	151.4
198.0	40.1	151.6
199.0	39.9	152.9
200.0	39.6	154.4
201.0	39.1	153.1
202.0	38.6	151.7
203.0	38.1	150.4
204.0	37.6	149.0
205.0	37.1	148.1

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

206.0	36.7	147.7
207.0	36.2	146.9
208.0	35.7	146.4
209.0	35.4	147.3
210.0	35.2	149.1
211.0	35.0	149.6
212.0	34.8	151.1
213.0	34.4	151.1
214.0	34.0	150.1
215.0	33.6	149.9
216.0	33.1	149.0
217.0	32.6	148.3
218.0	32.2	147.7
219.0	31.8	148.2
220.0	31.4	148.1
221.0	31.0	147.4
222.0	30.7	146.8
223.0	30.4	147.1
224.0	30.1	147.5
225.0	29.8	148.0
226.0	29.6	148.3
227.0	29.1	146.7
228.0	28.7	145.8
229.0	28.5	146.6
230.0	28.0	145.3
231.0	27.5	142.8
232.0	27.1	141.1
233.0	26.8	139.5
234.0	26.4	138.9
235.0	26.2	139.0
236.0	25.9	138.5
237.0	25.5	137.3
238.0	25.3	137.4
239.0	25.0	138.2
240.0	24.7	138.1
241.0	24.4	136.9
242.0	24.2	137.4
243.0	24.1	138.2
244.0	23.8	137.9
245.0	23.4	135.6
246.0	23.1	134.8
247.0	22.8	134.3
248.0	22.4	133.3
249.0	22.1	131.7
250.0	21.7	130.7
251.0	21.5	130.5
252.0	21.2	129.6
253.0	20.9	127.8
254.0	20.5	126.3
255.0	20.2	124.9
256.0	19.9	124.0
257.0	19.7	124.6
258.0	19.6	126.7
259.0	19.4	126.4
260.0	19.1	125.8
261.0	19.1	126.0
262.0	19.0	125.0

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

263.0	18.9	124.1
264.0	18.8	124.3
265.0	18.8	124.6
266.0	18.8	124.7
267.0	18.8	124.9
268.0	18.8	125.0
269.0	18.7	124.3
270.0	18.6	123.6
271.0	18.6	123.5
272.0	18.6	123.3
273.0	18.6	122.3
274.0	18.6	121.8
275.0	18.6	121.5
276.0	18.7	122.2
277.0	18.7	122.6
278.0	18.7	122.2
279.0	18.7	121.2
280.0	18.7	120.8
281.0	18.8	120.9
282.0	19.0	121.3
283.0	19.0	120.3
284.0	19.0	118.5
285.0	19.0	117.5
286.0	19.1	116.4
287.0	19.2	116.7
288.0	19.2	116.0
289.0	19.2	114.7
290.0	19.2	113.3
291.0	19.3	111.6
292.0	19.2	108.5
293.0	19.0	105.4
294.0	19.0	103.4
295.0	19.1	102.9
296.0	19.4	103.8
297.0	19.7	105.0
298.0	19.8	104.8
299.0	20.0	104.8
300.0	20.2	105.6
301.0	20.5	106.8
302.0	20.8	107.5
303.0	21.0	107.7
304.0	21.3	108.6
305.0	21.5	109.1
306.0	21.7	109.9
307.0	22.0	111.2
308.0	22.4	113.1
309.0	22.6	114.1
310.0	22.9	114.6
311.0	23.2	115.4
312.0	23.5	116.2
313.0	23.9	117.0
314.0	24.2	117.5
315.0	24.4	117.6
316.0	24.7	118.2
317.0	25.1	119.2
318.0	25.4	120.1
319.0	25.7	120.7

WMVV-FM F(50,50) 60.0 dBu 3 Second Data

320.0	25.9	120.9
321.0	26.3	121.7
322.0	26.7	122.7
323.0	27.2	125.2
324.0	27.6	126.5
325.0	28.0	127.4
326.0	28.3	127.7
327.0	28.5	127.3
328.0	28.8	127.0
329.0	29.0	126.5
330.0	29.3	126.6
331.0	29.7	127.6
332.0	29.9	126.1
333.0	30.2	125.5
334.0	30.4	124.8
335.0	30.9	125.7
336.0	31.3	126.4
337.0	31.6	126.7
338.0	32.0	127.1
339.0	32.3	126.7
340.0	32.7	127.1
341.0	33.0	128.2
342.0	33.3	128.3
343.0	33.4	127.9
344.0	33.7	128.4
345.0	33.9	128.2
346.0	34.1	128.3
347.0	34.3	128.3
348.0	34.4	128.1
349.0	34.6	127.9
350.0	34.9	128.4
351.0	35.3	130.7
352.0	35.7	132.0
353.0	35.7	131.1
354.0	35.9	130.8
355.0	36.0	130.2
356.0	36.3	131.1
357.0	36.7	132.6
358.0	37.0	134.4
359.0	37.3	134.8

Average HAAT for radials shown: 143.8 m

WMVV-FM F(50,10) 40.0 dBu 3 Second Data

Call Letters: WMVV-FM
File Number: BLED20030321ABI
Latitude: 33-22-12 N
Longitude: 084-08-00 W
ERP: 18.00 kW
Channel: 214
Frequency: 90.7 MHz
AMSL Height: 381.0 m
Elevation: 241.0 m
HAAT: 144.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 40.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	102.8	135.1
1.0	103.4	136.0
2.0	104.0	137.2
3.0	104.4	136.8
4.0	104.8	136.8
5.0	105.4	137.6
6.0	106.0	139.0
7.0	106.7	140.7
8.0	107.5	143.1
9.0	108.3	144.9
10.0	109.1	147.6
11.0	109.7	148.0
12.0	110.1	147.2
13.0	110.5	146.5
14.0	111.0	146.5
15.0	111.4	146.0
16.0	111.8	145.3
17.0	112.0	144.0
18.0	112.6	144.6
19.0	113.6	147.3
20.0	114.3	148.4
21.0	114.2	148.2
22.0	114.3	148.8
23.0	114.4	149.1
24.0	114.4	149.3
25.0	114.6	150.3
26.0	114.7	151.0
27.0	114.9	152.2
28.0	115.3	154.6
29.0	115.8	157.8
30.0	116.2	160.1
31.0	116.5	162.0
32.0	116.7	163.6
33.0	116.6	163.1
34.0	116.5	162.2

WMVV-FM F(50,10) 40.0 dBu 3 Second Data

35.0	116.1	159.9
36.0	115.8	157.7
37.0	115.5	156.0
38.0	115.4	155.2
39.0	115.3	154.9
40.0	115.1	153.6
41.0	115.1	153.1
42.0	115.0	152.8
43.0	114.9	152.4
44.0	114.7	151.1
45.0	114.5	149.7
46.0	114.3	148.4
47.0	114.1	147.5
48.0	114.1	147.4
49.0	114.2	148.2
50.0	114.5	149.9
51.0	114.8	151.9
52.0	115.0	153.0
53.0	114.9	152.1
54.0	114.5	150.0
55.0	114.5	149.8
56.0	114.9	151.9
57.0	115.2	154.1
58.0	115.5	156.2
59.0	115.9	158.5
60.0	116.2	160.6
61.0	116.4	161.9
62.0	116.6	162.7
63.0	116.6	163.2
64.0	116.6	162.9
65.0	116.5	162.1
66.0	116.4	161.9
67.0	116.5	162.2
68.0	116.4	161.8
69.0	116.3	161.3
70.0	116.4	161.7
71.0	116.5	162.0
72.0	116.5	162.1
73.0	116.4	161.6
74.0	116.1	159.9
75.0	116.0	158.8
76.0	116.0	159.1
77.0	116.0	159.0
78.0	116.0	159.0
79.0	116.0	159.2
80.0	116.1	159.5
81.0	116.1	159.8
82.0	116.1	159.9
83.0	116.3	160.7
84.0	116.5	162.0
85.0	116.8	164.4
86.0	117.1	166.0
87.0	117.0	165.8
88.0	116.8	164.4
89.0	116.5	162.3
90.0	116.9	164.6
91.0	116.9	164.7

WMVV-FM F(50,10) 40.0 dBu 3 Second Data

92.0	116.6	162.8
93.0	116.4	161.5
94.0	116.5	162.1
95.0	116.7	163.7
96.0	116.9	164.6
97.0	117.1	166.0
98.0	117.2	167.1
99.0	117.1	166.0
100.0	116.8	164.3
101.0	116.6	163.1
102.0	116.3	161.1
103.0	116.0	159.2
104.0	115.7	156.9
105.0	115.4	155.3
106.0	115.3	154.3
107.0	115.3	154.7
108.0	115.3	154.4
109.0	115.2	154.1
110.0	115.2	154.3
111.0	115.2	154.1
112.0	115.0	152.9
113.0	115.0	152.6
114.0	115.0	153.0
115.0	115.1	153.2
116.0	115.0	153.0
117.0	115.0	152.5
118.0	114.8	151.6
119.0	114.6	150.3
120.0	114.6	150.5
121.0	114.7	150.7
122.0	114.6	150.4
123.0	114.6	150.2
124.0	114.3	148.8
125.0	114.1	147.2
126.0	113.9	146.2
127.0	113.7	145.3
128.0	113.6	144.3
129.0	113.7	144.8
130.0	113.8	145.8
131.0	113.8	145.8
132.0	113.9	146.2
133.0	114.2	147.9
134.0	114.4	149.1
135.0	114.6	150.3
136.0	114.9	152.3
137.0	115.3	154.7
138.0	115.6	156.3
139.0	115.6	156.6
140.0	115.4	155.4
141.0	115.2	153.8
142.0	115.1	153.7
143.0	115.3	154.3
144.0	115.3	154.6
145.0	115.6	156.8
146.0	115.8	158.0
147.0	116.1	159.5
148.0	116.4	161.3

WMVV-FM F(50,10) 40.0 dBu 3 Second Data

149.0	116.4	161.8
150.0	116.7	163.2
151.0	117.0	165.4
152.0	117.3	167.5
153.0	117.6	169.5
154.0	117.9	171.5
155.0	118.0	172.7
156.0	117.8	171.0
157.0	117.5	168.9
158.0	117.5	169.0
159.0	117.4	168.6
160.0	117.4	168.0
161.0	117.3	167.5
162.0	117.3	167.3
163.0	117.2	166.7
164.0	116.7	163.8
165.0	116.7	163.4
166.0	116.6	162.6
167.0	116.5	162.3
168.0	116.5	161.9
169.0	116.4	161.6
170.0	116.4	161.6
171.0	116.3	161.2
172.0	116.1	159.7
173.0	116.0	159.3
174.0	115.9	158.7
175.0	115.7	157.1
176.0	115.9	158.2
177.0	116.0	158.9
178.0	116.2	160.3
179.0	116.3	161.2
180.0	116.4	161.5
181.0	116.1	160.0
182.0	115.6	157.3
183.0	115.5	156.6
184.0	115.3	155.6
185.0	115.1	154.9
186.0	115.2	155.6
187.0	115.3	157.1
188.0	115.3	156.9
189.0	115.1	155.9
190.0	114.7	154.2
191.0	113.6	153.2
192.0	112.9	154.2
193.0	112.1	155.2
194.0	111.0	154.8
195.0	109.9	153.4
196.0	108.8	152.6
197.0	107.7	151.4
198.0	106.7	151.6
199.0	106.0	152.9
200.0	105.2	154.4
201.0	104.3	153.1
202.0	103.3	151.7
203.0	102.4	150.4
204.0	101.4	149.0
205.0	100.5	148.1

WMVV-FM F(50,10) 40.0 dBu 3 Second Data

206.0	99.6	147.7
207.0	98.7	146.9
208.0	97.8	146.4
209.0	97.2	147.3
210.0	96.6	149.1
211.0	96.0	149.6
212.0	95.5	151.1
213.0	94.9	151.1
214.0	94.0	150.1
215.0	93.3	149.9
216.0	92.5	149.0
217.0	91.6	148.3
218.0	90.8	147.7
219.0	90.1	148.2
220.0	89.3	148.1
221.0	88.6	147.4
222.0	87.9	146.8
223.0	87.3	147.1
224.0	86.7	147.5
225.0	86.1	148.0
226.0	85.5	148.3
227.0	84.6	146.7
228.0	83.8	145.8
229.0	83.2	146.6
230.0	82.2	145.3
231.0	81.3	142.8
232.0	80.4	141.1
233.0	79.5	139.5
234.0	78.8	138.9
235.0	78.2	139.0
236.0	77.4	138.5
237.0	76.6	137.3
238.0	75.9	137.4
239.0	75.3	138.2
240.0	74.6	138.1
241.0	73.8	136.9
242.0	73.3	137.4
243.0	72.8	138.2
244.0	72.1	137.9
245.0	71.1	135.6
246.0	70.3	134.8
247.0	69.6	134.3
248.0	68.7	133.3
249.0	67.8	131.7
250.0	66.9	130.7
251.0	66.3	130.5
252.0	65.6	129.6
253.0	64.7	127.8
254.0	63.9	126.3
255.0	63.0	124.9
256.0	62.3	124.0
257.0	61.8	124.6
258.0	61.5	126.7
259.0	60.9	126.4
260.0	60.2	125.8
261.0	60.1	126.0
262.0	59.9	125.0

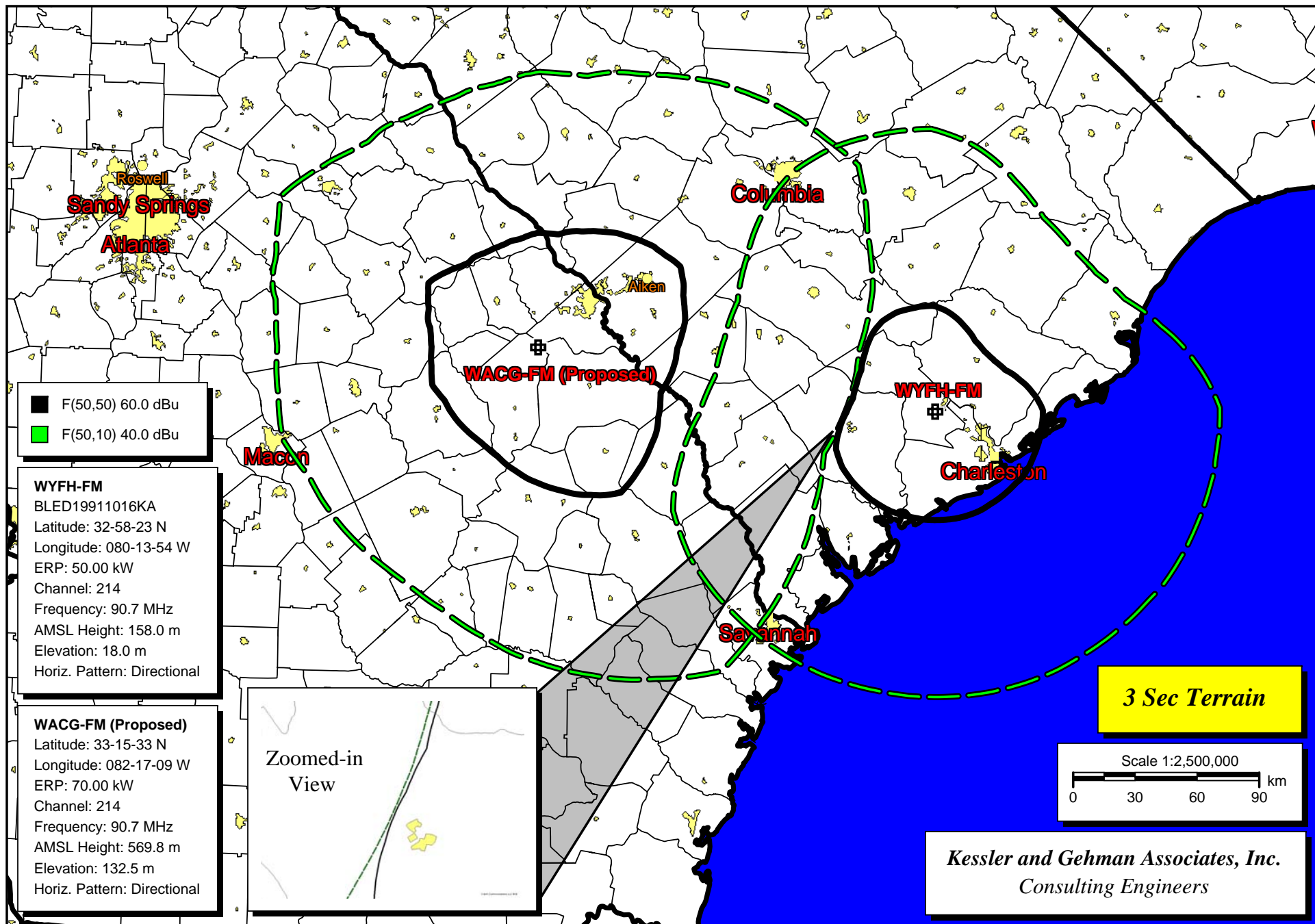
WMVV-FM F(50,10) 40.0 dBu 3 Second Data

263.0	59.7	124.1
264.0	59.6	124.3
265.0	59.6	124.6
266.0	59.6	124.7
267.0	59.5	124.9
268.0	59.4	125.0
269.0	59.3	124.3
270.0	59.1	123.6
271.0	59.2	123.5
272.0	59.2	123.3
273.0	59.1	122.3
274.0	59.1	121.8
275.0	59.1	121.5
276.0	59.3	122.2
277.0	59.5	122.6
278.0	59.5	122.2
279.0	59.4	121.2
280.0	59.4	120.8
281.0	59.7	120.9
282.0	60.1	121.3
283.0	60.2	120.3
284.0	60.2	118.5
285.0	60.3	117.5
286.0	60.4	116.4
287.0	60.7	116.7
288.0	60.9	116.0
289.0	61.0	114.7
290.0	61.0	113.3
291.0	61.2	111.6
292.0	61.1	108.5
293.0	61.0	105.4
294.0	61.1	103.4
295.0	61.4	102.9
296.0	62.0	103.8
297.0	62.7	105.0
298.0	63.1	104.8
299.0	63.5	104.8
300.0	64.1	105.6
301.0	64.9	106.8
302.0	65.5	107.5
303.0	66.1	107.7
304.0	66.7	108.6
305.0	67.3	109.1
306.0	68.0	109.9
307.0	68.7	111.2
308.0	69.5	113.1
309.0	70.1	114.1
310.0	70.7	114.6
311.0	71.5	115.4
312.0	72.4	116.2
313.0	73.2	117.0
314.0	74.0	117.5
315.0	74.7	117.6
316.0	75.5	118.2
317.0	76.3	119.2
318.0	77.1	120.1
319.0	77.8	120.7

WMVV-FM F(50,10) 40.0 dBu 3 Second Data

320.0	78.5	120.9
321.0	79.3	121.7
322.0	80.2	122.7
323.0	81.4	125.2
324.0	82.3	126.5
325.0	83.1	127.4
326.0	83.8	127.7
327.0	84.4	127.3
328.0	85.0	127.0
329.0	85.5	126.5
330.0	86.2	126.6
331.0	87.1	127.6
332.0	87.6	126.1
333.0	88.3	125.5
334.0	88.9	124.8
335.0	89.8	125.7
336.0	90.6	126.4
337.0	91.3	126.7
338.0	92.1	127.1
339.0	92.7	126.7
340.0	93.4	127.1
341.0	94.0	128.2
342.0	94.4	128.3
343.0	94.8	127.9
344.0	95.3	128.4
345.0	95.7	128.2
346.0	96.1	128.3
347.0	96.5	128.3
348.0	96.9	128.1
349.0	97.3	127.9
350.0	97.8	128.4
351.0	98.5	130.7
352.0	99.1	132.0
353.0	99.4	131.1
354.0	99.7	130.8
355.0	100.0	130.2
356.0	100.6	131.1
357.0	101.2	132.6
358.0	101.9	134.4
359.0	102.3	134.8

Average HAAT for radials shown: 143.8 m



WYFH-FM Allocation Study

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

Call Letters: WYFH-FM
 File Number: BLED19911016KA
 Latitude: 32-58-23 N
 Longitude: 080-13-54 W
 ERP: 50.00 kW
 Channel: 214
 Frequency: 90.7 MHz
 AMSL Height: 158.0 m
 Elevation: 18.0 m
 HAAT: 150.0 m
 Horiz. Antenna Pattern: Directional

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 50.0 %
 # of Radials Calculated: 360
 Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	51.1	141.9
1.0	50.8	141.7
2.0	50.5	141.5
3.0	50.2	141.3
4.0	49.9	141.2
5.0	49.6	141.1
6.0	49.3	141.1
7.0	49.0	140.8
8.0	48.6	140.5
9.0	48.2	139.8
10.0	47.9	139.4
11.0	47.4	139.1
12.0	47.0	138.7
13.0	46.6	138.5
14.0	46.2	138.3
15.0	45.7	138.0
16.0	45.3	137.6
17.0	44.8	137.4
18.0	44.4	137.0
19.0	43.9	136.8
20.0	43.5	136.6
21.0	43.1	136.3
22.0	42.7	135.9
23.0	42.3	135.7
24.0	41.9	135.5
25.0	41.5	135.3
26.0	41.1	135.2
27.0	40.7	134.8
28.0	40.3	134.4
29.0	39.8	134.1
30.0	39.4	133.6
31.0	39.1	133.3
32.0	39.0	133.2
33.0	38.8	133.2
34.0	38.6	133.3

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

35.0	38.4	133.4
36.0	38.3	133.5
37.0	38.1	133.6
38.0	37.9	133.8
39.0	37.8	134.0
40.0	37.6	134.2
41.0	37.6	134.4
42.0	37.6	134.8
43.0	37.6	135.2
44.0	37.5	135.6
45.0	37.5	136.1
46.0	37.5	136.6
47.0	37.6	137.5
48.0	37.7	138.7
49.0	37.7	139.5
50.0	37.7	139.8
51.0	37.9	139.7
52.0	38.0	139.6
53.0	38.2	139.4
54.0	38.3	139.3
55.0	38.5	139.2
56.0	38.7	139.2
57.0	38.8	139.2
58.0	39.0	139.3
59.0	39.2	139.4
60.0	39.4	139.5
61.0	39.8	139.8
62.0	40.3	140.3
63.0	40.7	141.0
64.0	41.2	141.8
65.0	41.6	142.5
66.0	42.0	142.9
67.0	42.4	143.4
68.0	42.8	143.7
69.0	43.2	143.9
70.0	43.6	144.3
71.0	44.0	144.5
72.0	44.5	144.9
73.0	45.0	145.4
74.0	45.5	145.9
75.0	45.9	146.3
76.0	46.4	146.6
77.0	46.8	146.8
78.0	47.2	147.0
79.0	47.6	147.3
80.0	48.0	147.7
81.0	48.5	148.0
82.0	49.0	148.3
83.0	49.4	148.5
84.0	49.8	148.6
85.0	50.2	148.5
86.0	50.6	148.5
87.0	51.0	148.7
88.0	51.3	148.8
89.0	51.7	148.9
90.0	52.0	148.9
91.0	52.0	148.9

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

92.0	52.1	149.0
93.0	52.1	148.9
94.0	52.0	148.8
95.0	52.0	148.7
96.0	52.0	148.7
97.0	52.0	148.3
98.0	51.9	147.9
99.0	51.9	147.5
100.0	51.9	147.9
101.0	52.0	148.5
102.0	52.2	150.1
103.0	52.3	150.6
104.0	52.2	150.3
105.0	52.2	149.8
106.0	52.2	149.8
107.0	52.2	149.9
108.0	52.2	149.9
109.0	52.2	149.8
110.0	52.2	149.8
111.0	52.2	149.9
112.0	52.2	149.9
113.0	52.2	150.0
114.0	52.2	150.0
115.0	52.2	150.1
116.0	52.3	150.4
117.0	52.3	150.9
118.0	52.4	151.4
119.0	52.5	152.0
120.0	52.5	152.5
121.0	52.6	152.8
122.0	52.6	153.0
123.0	52.6	153.2
124.0	52.7	153.5
125.0	52.7	153.8
126.0	52.7	154.1
127.0	52.7	154.3
128.0	52.7	154.0
129.0	52.6	153.3
130.0	52.5	152.6
131.0	52.3	150.7
132.0	52.2	149.8
133.0	52.1	149.5
134.0	52.1	149.4
135.0	52.1	149.2
136.0	52.1	149.2
137.0	52.1	149.1
138.0	52.1	149.1
139.0	52.1	149.1
140.0	52.1	149.0
141.0	52.1	149.0
142.0	52.1	149.0
143.0	52.1	149.0
144.0	52.1	149.0
145.0	52.1	149.1
146.0	52.1	149.1
147.0	52.1	149.2
148.0	52.1	149.2

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

149.0	52.1	149.3
150.0	52.1	149.3
151.0	52.2	149.7
152.0	52.2	150.2
153.0	52.3	150.8
154.0	52.4	151.3
155.0	52.4	151.8
156.0	52.5	152.3
157.0	52.5	152.6
158.0	52.6	152.8
159.0	52.6	152.9
160.0	52.6	153.0
161.0	52.6	152.9
162.0	52.6	152.8
163.0	52.6	152.8
164.0	52.6	152.9
165.0	52.6	152.9
166.0	52.6	152.8
167.0	52.6	153.0
168.0	52.6	153.0
169.0	52.6	153.0
170.0	52.6	152.9
171.0	52.6	152.7
172.0	52.5	152.6
173.0	52.5	152.4
174.0	52.5	152.3
175.0	52.5	152.1
176.0	52.5	152.0
177.0	52.4	151.9
178.0	52.4	151.7
179.0	52.4	151.6
180.0	52.4	151.5
181.0	52.4	151.6
182.0	52.4	151.6
183.0	52.4	151.7
184.0	52.4	151.8
185.0	52.4	151.8
186.0	52.4	151.8
187.0	52.4	151.6
188.0	52.4	151.2
189.0	52.3	150.9
190.0	52.3	150.6
191.0	52.3	150.5
192.0	52.3	150.5
193.0	52.3	150.6
194.0	52.3	150.9
195.0	52.4	151.4
196.0	52.4	151.6
197.0	52.4	151.6
198.0	52.4	151.7
199.0	52.4	151.7
200.0	52.4	151.9
201.0	52.5	152.4
202.0	52.6	152.9
203.0	52.6	153.1
204.0	52.6	153.4
205.0	52.7	153.6

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

206.0	52.7	153.5
207.0	52.6	153.3
208.0	52.6	153.4
209.0	52.6	153.1
210.0	52.6	152.8
211.0	52.5	152.7
212.0	52.5	152.6
213.0	52.5	152.6
214.0	52.5	152.5
215.0	52.5	152.5
216.0	52.6	153.0
217.0	52.6	153.0
218.0	52.6	152.8
219.0	52.5	152.3
220.0	52.5	152.1
221.0	52.4	151.8
222.0	52.4	151.5
223.0	52.4	151.4
224.0	52.4	151.3
225.0	52.4	151.3
226.0	52.4	151.2
227.0	52.3	151.2
228.0	52.4	151.3
229.0	52.4	151.4
230.0	52.4	151.5
231.0	52.4	151.5
232.0	52.4	151.3
233.0	52.3	151.0
234.0	52.3	150.9
235.0	52.3	150.9
236.0	52.3	151.0
237.0	52.3	151.0
238.0	52.3	151.0
239.0	52.3	151.0
240.0	52.3	150.9
241.0	52.2	150.7
242.0	52.1	150.4
243.0	51.9	150.1
244.0	51.8	149.9
245.0	51.7	149.8
246.0	51.6	149.8
247.0	51.5	149.8
248.0	51.4	149.8
249.0	51.3	149.8
250.0	51.3	149.8
251.0	50.9	149.8
252.0	50.5	149.8
253.0	50.1	149.8
254.0	49.7	149.9
255.0	49.3	149.9
256.0	48.9	149.9
257.0	48.5	149.9
258.0	48.0	149.9
259.0	47.6	149.9
260.0	47.1	149.8
261.0	46.8	149.8
262.0	46.4	149.7

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

263.0	46.0	149.5
264.0	45.6	149.3
265.0	45.1	149.1
266.0	44.7	149.0
267.0	44.3	148.9
268.0	43.9	148.7
269.0	43.4	148.7
270.0	43.0	148.4
271.0	42.7	147.9
272.0	42.4	147.5
273.0	42.1	147.1
274.0	41.8	146.8
275.0	41.6	146.6
276.0	41.3	146.4
277.0	41.0	146.1
278.0	40.7	145.9
279.0	40.5	145.8
280.0	40.2	145.8
281.0	40.2	145.7
282.0	40.2	145.8
283.0	40.2	145.7
284.0	40.2	145.7
285.0	40.2	145.6
286.0	40.2	145.6
287.0	40.2	145.6
288.0	40.2	145.7
289.0	40.2	145.8
290.0	40.2	145.8
291.0	40.3	145.9
292.0	40.4	146.1
293.0	40.5	146.3
294.0	40.6	146.4
295.0	40.6	146.5
296.0	40.7	146.5
297.0	40.8	146.4
298.0	40.8	146.3
299.0	40.8	146.2
300.0	40.9	146.2
301.0	41.2	146.2
302.0	41.6	146.4
303.0	41.9	146.3
304.0	42.2	146.2
305.0	42.5	146.1
306.0	42.8	146.1
307.0	43.1	145.9
308.0	43.4	145.9
309.0	43.7	145.8
310.0	44.0	145.7
311.0	44.3	145.5
312.0	44.7	145.4
313.0	45.1	145.4
314.0	45.5	145.4
315.0	45.8	145.5
316.0	46.2	145.5
317.0	46.6	145.5
318.0	46.9	145.6
319.0	47.3	145.8

WYFH-FM F(50,50) 60.0 dBu 3 Second Data

320.0	47.7	146.1
321.0	48.0	146.2
322.0	48.3	146.2
323.0	48.7	146.1
324.0	48.9	146.0
325.0	49.2	145.7
326.0	49.5	145.2
327.0	49.7	144.7
328.0	49.9	144.3
329.0	50.2	144.2
330.0	50.5	144.1
331.0	50.6	144.2
332.0	50.7	144.3
333.0	50.8	144.4
334.0	50.9	144.3
335.0	51.0	144.2
336.0	51.0	144.1
337.0	51.1	144.2
338.0	51.3	144.4
339.0	51.3	144.4
340.0	51.4	144.2
341.0	51.4	144.0
342.0	51.3	143.5
343.0	51.3	143.4
344.0	51.3	143.1
345.0	51.2	142.8
346.0	51.2	142.6
347.0	51.2	142.3
348.0	51.1	142.0
349.0	51.1	142.1
350.0	51.1	142.3
351.0	51.2	142.5
352.0	51.2	142.8
353.0	51.2	142.9
354.0	51.2	142.5
355.0	51.1	142.3
356.0	51.1	142.2
357.0	51.1	142.2
358.0	51.1	142.0
359.0	51.1	142.0

Average HAAT for radials shown: 146.8 m

WYFH-FM F(50,10) 40.0 dBu 3 Second Data

Call Letters: WYFH-FM
File Number: BLED19911016KA
Latitude: 32-58-23 N
Longitude: 080-13-54 W
ERP: 50.00 kW
Channel: 214
Frequency: 90.7 MHz
AMSL Height: 158.0 m
Elevation: 18.0 m
HAAT: 150.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 40.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	136.6	141.9
1.0	135.9	141.7
2.0	135.2	141.5
3.0	134.5	141.3
4.0	133.8	141.2
5.0	133.1	141.1
6.0	132.4	141.1
7.0	131.6	140.8
8.0	130.8	140.5
9.0	130.0	139.8
10.0	129.2	139.4
11.0	128.2	139.1
12.0	127.1	138.7
13.0	126.1	138.5
14.0	125.0	138.3
15.0	123.9	138.0
16.0	122.7	137.6
17.0	121.6	137.4
18.0	120.3	137.0
19.0	119.1	136.8
20.0	117.9	136.6
21.0	116.9	136.3
22.0	115.8	135.9
23.0	114.8	135.7
24.0	113.8	135.5
25.0	112.7	135.3
26.0	111.7	135.2
27.0	110.6	134.8
28.0	109.6	134.4
29.0	108.5	134.1
30.0	107.4	133.6
31.0	106.9	133.3
32.0	106.5	133.2
33.0	106.0	133.2
34.0	105.6	133.3

WYFH-FM F(50,10) 40.0 dBu 3 Second Data

35.0	105.2	133.4
36.0	104.8	133.5
37.0	104.4	133.6
38.0	104.0	133.8
39.0	103.5	134.0
40.0	103.1	134.2
41.0	103.1	134.4
42.0	103.0	134.8
43.0	102.9	135.2
44.0	102.8	135.6
45.0	102.8	136.1
46.0	102.7	136.6
47.0	102.7	137.5
48.0	102.8	138.7
49.0	102.8	139.5
50.0	102.7	139.8
51.0	103.1	139.7
52.0	103.5	139.6
53.0	103.8	139.4
54.0	104.2	139.3
55.0	104.6	139.2
56.0	105.0	139.2
57.0	105.4	139.2
58.0	105.8	139.3
59.0	106.2	139.4
60.0	106.6	139.5
61.0	107.6	139.8
62.0	108.6	140.3
63.0	109.6	141.0
64.0	110.7	141.8
65.0	111.8	142.5
66.0	112.8	142.9
67.0	113.8	143.4
68.0	114.8	143.7
69.0	115.7	143.9
70.0	116.7	144.3
71.0	117.9	144.5
72.0	119.1	144.9
73.0	120.4	145.4
74.0	121.5	145.9
75.0	122.7	146.3
76.0	123.8	146.6
77.0	124.9	146.8
78.0	125.9	147.0
79.0	126.9	147.3
80.0	127.9	147.7
81.0	129.0	148.0
82.0	130.1	148.3
83.0	131.1	148.5
84.0	132.1	148.6
85.0	133.1	148.5
86.0	134.0	148.5
87.0	134.9	148.7
88.0	135.8	148.8
89.0	136.7	148.9
90.0	137.6	148.9
91.0	137.6	148.9

WYFH-FM F(50,10) 40.0 dBu 3 Second Data

92.0	137.6	149.0
93.0	137.6	148.9
94.0	137.5	148.8
95.0	137.5	148.7
96.0	137.5	148.7
97.0	137.5	148.3
98.0	137.4	147.9
99.0	137.4	147.5
100.0	137.4	147.9
101.0	137.5	148.5
102.0	137.7	150.1
103.0	137.8	150.6
104.0	137.8	150.3
105.0	137.7	149.8
106.0	137.7	149.8
107.0	137.7	149.9
108.0	137.7	149.9
109.0	137.7	149.8
110.0	137.7	149.8
111.0	137.7	149.9
112.0	137.7	149.9
113.0	137.7	150.0
114.0	137.7	150.0
115.0	137.7	150.1
116.0	137.8	150.4
117.0	137.8	150.9
118.0	137.9	151.4
119.0	138.0	152.0
120.0	138.1	152.5
121.0	138.1	152.8
122.0	138.1	153.0
123.0	138.1	153.2
124.0	138.2	153.5
125.0	138.2	153.8
126.0	138.3	154.1
127.0	138.3	154.3
128.0	138.3	154.0
129.0	138.2	153.3
130.0	138.1	152.6
131.0	137.8	150.7
132.0	137.7	149.8
133.0	137.7	149.5
134.0	137.6	149.4
135.0	137.6	149.2
136.0	137.6	149.2
137.0	137.6	149.1
138.0	137.6	149.1
139.0	137.6	149.1
140.0	137.6	149.0
141.0	137.6	149.0
142.0	137.6	149.0
143.0	137.6	149.0
144.0	137.6	149.0
145.0	137.6	149.1
146.0	137.6	149.1
147.0	137.6	149.2
148.0	137.6	149.2

WYFH-FM F(50,10) 40.0 dBu 3 Second Data

149.0	137.6	149.3
150.0	137.6	149.3
151.0	137.7	149.7
152.0	137.7	150.2
153.0	137.8	150.8
154.0	137.9	151.3
155.0	138.0	151.8
156.0	138.0	152.3
157.0	138.1	152.6
158.0	138.1	152.8
159.0	138.1	152.9
160.0	138.1	153.0
161.0	138.1	152.9
162.0	138.1	152.8
163.0	138.1	152.8
164.0	138.1	152.9
165.0	138.1	152.9
166.0	138.1	152.8
167.0	138.1	153.0
168.0	138.1	153.0
169.0	138.1	153.0
170.0	138.1	152.9
171.0	138.1	152.7
172.0	138.1	152.6
173.0	138.0	152.4
174.0	138.0	152.3
175.0	138.0	152.1
176.0	138.0	152.0
177.0	138.0	151.9
178.0	138.0	151.7
179.0	137.9	151.6
180.0	137.9	151.5
181.0	137.9	151.6
182.0	137.9	151.6
183.0	137.9	151.7
184.0	138.0	151.8
185.0	138.0	151.8
186.0	138.0	151.8
187.0	137.9	151.6
188.0	137.9	151.2
189.0	137.8	150.9
190.0	137.8	150.6
191.0	137.8	150.5
192.0	137.8	150.5
193.0	137.8	150.6
194.0	137.8	150.9
195.0	137.9	151.4
196.0	137.9	151.6
197.0	137.9	151.6
198.0	137.9	151.7
199.0	137.9	151.7
200.0	138.0	151.9
201.0	138.0	152.4
202.0	138.1	152.9
203.0	138.1	153.1
204.0	138.2	153.4
205.0	138.2	153.6

WYFH-FM F(50,10) 40.0 dBu 3 Second Data

206.0	138.2	153.5
207.0	138.2	153.3
208.0	138.2	153.4
209.0	138.1	153.1
210.0	138.1	152.8
211.0	138.1	152.7
212.0	138.1	152.6
213.0	138.1	152.6
214.0	138.1	152.5
215.0	138.1	152.5
216.0	138.1	153.0
217.0	138.1	153.0
218.0	138.1	152.8
219.0	138.0	152.3
220.0	138.0	152.1
221.0	138.0	151.8
222.0	137.9	151.5
223.0	137.9	151.4
224.0	137.9	151.3
225.0	137.9	151.3
226.0	137.9	151.2
227.0	137.9	151.2
228.0	137.9	151.3
229.0	137.9	151.4
230.0	137.9	151.5
231.0	137.9	151.5
232.0	137.9	151.3
233.0	137.8	151.0
234.0	137.8	150.9
235.0	137.8	150.9
236.0	137.8	151.0
237.0	137.9	151.0
238.0	137.9	151.0
239.0	137.8	151.0
240.0	137.8	150.9
241.0	137.6	150.7
242.0	137.3	150.4
243.0	137.1	150.1
244.0	136.8	149.9
245.0	136.6	149.8
246.0	136.3	149.8
247.0	136.1	149.8
248.0	135.9	149.8
249.0	135.7	149.8
250.0	135.4	149.8
251.0	134.5	149.8
252.0	133.6	149.8
253.0	132.6	149.8
254.0	131.7	149.9
255.0	130.7	149.9
256.0	129.6	149.9
257.0	128.5	149.9
258.0	127.4	149.9
259.0	126.3	149.9
260.0	125.1	149.8
261.0	124.1	149.8
262.0	123.1	149.7

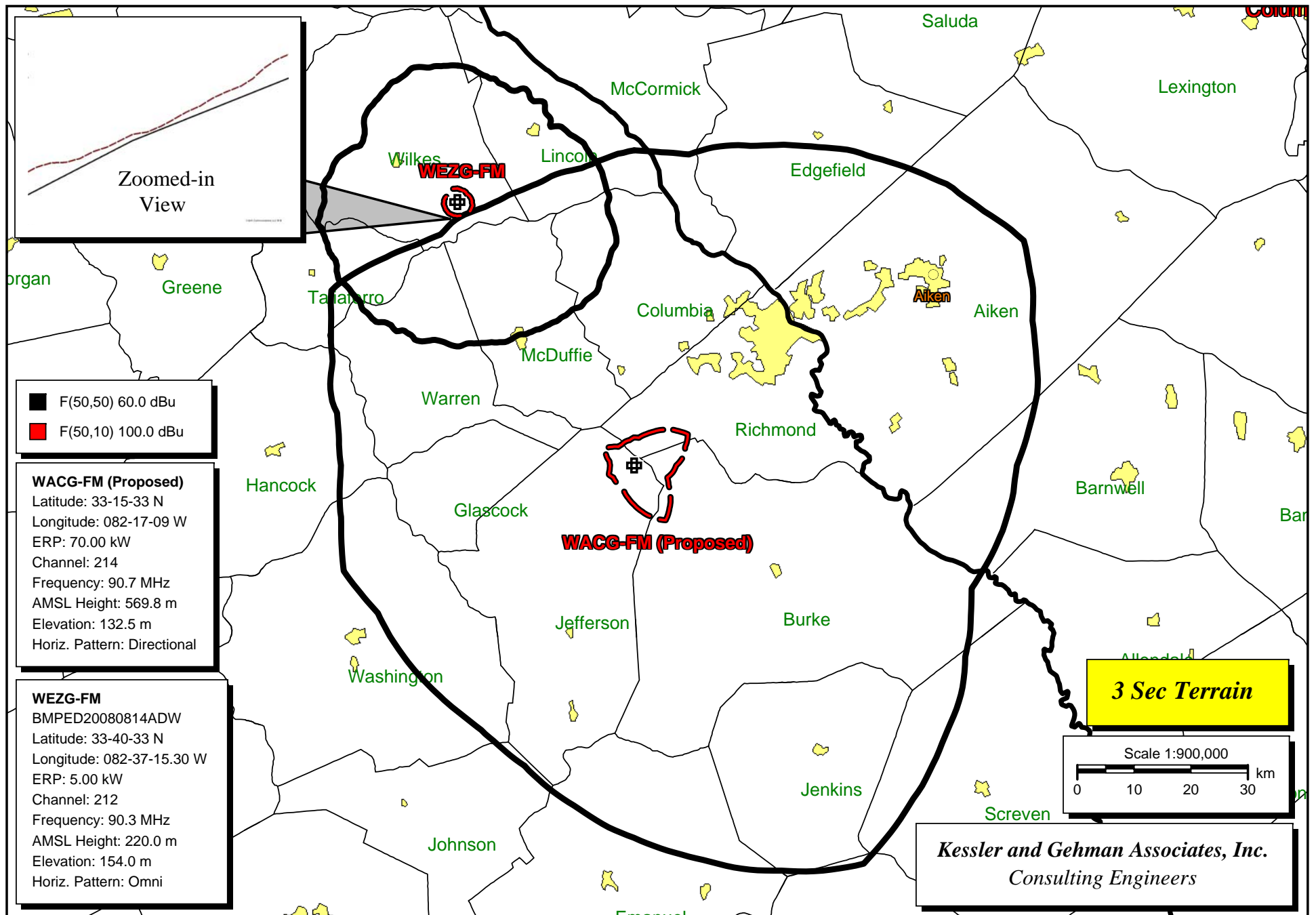
WYFH-FM F(50,10) 40.0 dBu 3 Second Data

263.0	122.1	149.5
264.0	121.1	149.3
265.0	120.0	149.1
266.0	118.9	149.0
267.0	117.8	148.9
268.0	116.6	148.7
269.0	115.5	148.7
270.0	114.3	148.4
271.0	113.6	147.9
272.0	112.9	147.5
273.0	112.2	147.1
274.0	111.6	146.8
275.0	110.9	146.6
276.0	110.3	146.4
277.0	109.6	146.1
278.0	109.0	145.9
279.0	108.4	145.8
280.0	107.7	145.8
281.0	107.7	145.7
282.0	107.7	145.8
283.0	107.7	145.7
284.0	107.7	145.7
285.0	107.7	145.6
286.0	107.7	145.6
287.0	107.7	145.6
288.0	107.7	145.7
289.0	107.7	145.8
290.0	107.7	145.8
291.0	107.9	145.9
292.0	108.1	146.1
293.0	108.3	146.3
294.0	108.4	146.4
295.0	108.6	146.5
296.0	108.8	146.5
297.0	108.9	146.4
298.0	109.0	146.3
299.0	109.2	146.2
300.0	109.3	146.2
301.0	110.2	146.2
302.0	111.0	146.4
303.0	111.9	146.3
304.0	112.7	146.2
305.0	113.5	146.1
306.0	114.3	146.1
307.0	115.1	145.9
308.0	115.9	145.9
309.0	116.7	145.8
310.0	117.5	145.7
311.0	118.5	145.5
312.0	119.6	145.4
313.0	120.6	145.4
314.0	121.6	145.4
315.0	122.6	145.5
316.0	123.5	145.5
317.0	124.5	145.5
318.0	125.4	145.6
319.0	126.3	145.8

WYFH-FM F(50,10) 40.0 dBu 3 Second Data

320.0	127.2	146.1
321.0	128.1	146.2
322.0	128.9	146.2
323.0	129.7	146.1
324.0	130.5	146.0
325.0	131.2	145.7
326.0	131.9	145.2
327.0	132.6	144.7
328.0	133.3	144.3
329.0	134.0	144.2
330.0	134.7	144.1
331.0	134.9	144.2
332.0	135.1	144.3
333.0	135.4	144.4
334.0	135.6	144.3
335.0	135.8	144.2
336.0	136.0	144.1
337.0	136.3	144.2
338.0	136.5	144.4
339.0	136.7	144.4
340.0	136.9	144.2
341.0	136.9	144.0
342.0	136.8	143.5
343.0	136.8	143.4
344.0	136.8	143.1
345.0	136.7	142.8
346.0	136.7	142.6
347.0	136.7	142.3
348.0	136.6	142.0
349.0	136.6	142.1
350.0	136.7	142.3
351.0	136.7	142.5
352.0	136.7	142.8
353.0	136.7	142.9
354.0	136.7	142.5
355.0	136.7	142.3
356.0	136.7	142.2
357.0	136.6	142.2
358.0	136.6	142.0
359.0	136.6	142.0

Average HAAT for radials shown: 146.8 m



WEZG-FM F(50,50) 60.0 dBu 3 Second Data

Call Letters: WEZG-FM
 File Number: BMPED20080814ADW
 Latitude: 33-40-33 N
 Longitude: 082-37-15.30 W
 ERP: 5.00 kW
 Channel: 212
 Frequency: 90.3 MHz
 AMSL Height: 220.0 m
 Elevation: 154.0 m
 HAAT: 82.0 m
 Horiz. Antenna Pattern: Omni

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 50.0 %
 # of Radials Calculated: 360
 Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	24.0	76.5
1.0	23.9	76.3
2.0	23.9	76.0
3.0	23.8	75.5
4.0	23.8	75.1
5.0	23.6	74.3
6.0	23.6	73.8
7.0	23.5	73.2
8.0	23.2	71.5
9.0	23.1	70.4
10.0	22.9	69.4
11.0	22.8	68.5
12.0	22.7	67.9
13.0	22.7	67.7
14.0	22.5	66.7
15.0	22.4	66.2
16.0	22.6	67.3
17.0	22.6	67.3
18.0	22.4	65.6
19.0	22.1	64.0
20.0	22.1	64.0
21.0	22.1	64.0
22.0	22.1	64.0
23.0	22.0	63.4
24.0	21.9	62.5
25.0	21.8	61.8
26.0	21.8	62.0
27.0	22.0	62.9
28.0	22.2	64.8
29.0	22.8	68.4
30.0	23.1	70.6
31.0	23.2	71.5
32.0	23.1	70.8
33.0	22.9	69.6
34.0	22.6	67.0

WEZG-FM F(50,50) 60.0 dBu 3 Second Data

35.0	22.3	65.1
36.0	22.2	64.7
37.0	22.2	64.6
38.0	22.5	66.9
39.0	22.9	69.1
40.0	23.2	71.1
41.0	23.2	71.5
42.0	22.9	69.5
43.0	22.5	66.5
44.0	22.1	64.1
45.0	22.0	63.3
46.0	22.0	63.2
47.0	22.0	63.4
48.0	22.0	63.0
49.0	21.7	61.4
50.0	21.2	58.0
51.0	21.1	57.2
52.0	21.7	61.3
53.0	22.3	65.0
54.0	22.6	67.1
55.0	22.7	67.9
56.0	22.8	68.6
57.0	22.9	69.4
58.0	23.0	69.9
59.0	23.1	70.9
60.0	23.4	72.5
61.0	23.6	74.3
62.0	23.8	75.6
63.0	24.1	77.4
64.0	24.3	79.2
65.0	24.5	80.3
66.0	24.6	80.7
67.0	24.6	80.8
68.0	24.7	81.5
69.0	24.7	82.1
70.0	24.8	82.6
71.0	25.0	83.6
72.0	25.1	84.8
73.0	25.3	86.3
74.0	25.5	87.4
75.0	25.6	88.3
76.0	25.7	89.0
77.0	25.8	89.8
78.0	25.9	90.6
79.0	26.0	91.0
80.0	26.0	91.2
81.0	26.1	91.6
82.0	26.1	92.1
83.0	26.2	92.5
84.0	26.3	93.0
85.0	26.3	93.4
86.0	26.5	94.7
87.0	26.7	96.2
88.0	26.7	96.7
89.0	26.7	96.1
90.0	26.4	94.5
91.0	26.3	93.5

WEZG-FM F(50,50) 60.0 dBu 3 Second Data

92.0	26.4	94.1
93.0	26.5	94.7
94.0	26.6	95.5
95.0	26.8	97.3
96.0	27.1	99.6
97.0	27.4	101.9
98.0	27.7	103.9
99.0	27.9	105.9
100.0	28.1	107.7
101.0	28.3	109.5
102.0	28.6	111.5
103.0	28.7	113.0
104.0	28.8	114.1
105.0	28.8	114.1
106.0	28.7	112.6
107.0	28.5	110.9
108.0	28.4	110.6
109.0	28.5	110.9
110.0	28.5	111.1
111.0	28.6	111.6
112.0	28.7	112.6
113.0	28.6	112.1
114.0	28.6	111.6
115.0	28.5	111.5
116.0	28.5	111.4
117.0	28.5	111.5
118.0	28.6	111.7
119.0	28.6	112.3
120.0	28.9	114.3
121.0	29.0	115.7
122.0	29.1	116.5
123.0	29.1	116.3
124.0	28.9	115.0
125.0	28.8	113.6
126.0	28.6	112.2
127.0	28.4	110.6
128.0	28.4	110.2
129.0	28.5	110.7
130.0	28.5	110.7
131.0	28.2	108.4
132.0	27.8	105.3
133.0	27.6	103.8
134.0	27.6	103.7
135.0	27.6	103.6
136.0	27.6	103.3
137.0	27.4	101.8
138.0	27.3	101.1
139.0	27.3	101.2
140.0	27.2	100.7
141.0	27.1	99.2
142.0	26.9	98.3
143.0	26.9	97.9
144.0	26.8	97.0
145.0	26.7	96.7
146.0	26.7	96.2
147.0	26.6	95.5
148.0	26.4	93.9

WEZG-FM F(50,50) 60.0 dBu 3 Second Data

149.0	26.3	93.5
150.0	26.3	93.2
151.0	26.2	92.4
152.0	26.2	92.4
153.0	26.0	91.5
154.0	25.8	89.6
155.0	25.7	89.0
156.0	25.7	89.2
157.0	25.8	89.6
158.0	25.9	90.5
159.0	26.0	90.8
160.0	26.0	91.1
161.0	26.0	91.0
162.0	25.9	90.1
163.0	25.7	89.0
164.0	25.6	88.6
165.0	25.5	87.6
166.0	25.4	86.4
167.0	25.3	86.1
168.0	25.3	85.9
169.0	25.2	85.4
170.0	25.1	84.7
171.0	25.1	84.6
172.0	25.1	84.3
173.0	25.0	84.0
174.0	24.9	83.5
175.0	24.9	83.1
176.0	24.9	83.4
177.0	25.1	84.3
178.0	25.2	85.6
179.0	25.4	86.5
180.0	25.4	86.5
181.0	25.3	86.0
182.0	25.2	85.2
183.0	25.1	84.3
184.0	24.9	83.1
185.0	24.8	82.1
186.0	24.6	81.4
187.0	24.6	81.0
188.0	24.5	80.7
189.0	24.5	80.5
190.0	24.6	81.2
191.0	24.8	82.5
192.0	24.9	83.5
193.0	25.1	84.8
194.0	25.3	85.8
195.0	25.3	86.1
196.0	25.3	86.4
197.0	25.3	86.0
198.0	24.9	83.4
199.0	24.7	82.0
200.0	24.7	81.6
201.0	24.6	81.0
202.0	24.4	80.0
203.0	24.5	80.6
204.0	24.8	82.8
205.0	25.1	84.5

WEZG-FM F(50,50) 60.0 dBu 3 Second Data

206.0	25.0	83.7
207.0	24.8	82.5
208.0	24.5	80.6
209.0	24.6	80.9
210.0	24.6	80.9
211.0	24.7	81.7
212.0	24.9	83.5
213.0	25.2	85.7
214.0	25.4	87.0
215.0	25.4	86.7
216.0	25.4	86.5
217.0	25.2	85.7
218.0	25.1	84.9
219.0	25.1	84.6
220.0	25.1	84.8
221.0	25.2	85.0
222.0	25.0	84.1
223.0	24.7	82.0
224.0	24.5	80.1
225.0	24.4	79.8
226.0	24.5	80.4
227.0	24.5	80.0
228.0	24.4	79.9
229.0	24.4	79.9
230.0	24.4	79.6
231.0	24.4	79.4
232.0	24.4	79.5
233.0	24.4	79.8
234.0	24.5	80.5
235.0	24.7	81.8
236.0	24.9	83.3
237.0	24.9	82.9
238.0	24.7	81.8
239.0	24.6	80.7
240.0	24.4	79.8
241.0	24.2	78.0
242.0	23.9	76.2
243.0	23.9	75.8
244.0	23.7	75.0
245.0	23.8	75.5
246.0	23.9	76.5
247.0	24.0	76.7
248.0	24.1	77.8
249.0	24.1	77.5
250.0	24.1	77.7
251.0	24.0	77.1
252.0	24.0	76.7
253.0	24.0	77.2
254.0	24.1	77.5
255.0	24.1	77.4
256.0	24.1	77.9
257.0	24.2	78.5
258.0	24.2	78.1
259.0	24.3	78.6
260.0	24.7	81.4
261.0	24.8	82.3
262.0	24.7	82.1

WEZG-FM F(50,50) 60.0 dBu 3 Second Data

263.0	24.5	80.0
264.0	24.2	78.4
265.0	24.1	77.8
266.0	24.0	77.1
267.0	23.8	75.8
268.0	23.6	74.2
269.0	23.5	73.2
270.0	23.3	72.2
271.0	23.3	72.3
272.0	23.4	72.8
273.0	23.4	72.7
274.0	23.4	72.8
275.0	23.6	73.9
276.0	23.8	75.7
277.0	23.7	75.0
278.0	23.6	74.0
279.0	23.5	73.2
280.0	23.2	71.6
281.0	23.0	70.0
282.0	22.9	69.3
283.0	22.8	68.5
284.0	22.7	68.2
285.0	22.7	68.2
286.0	22.7	68.1
287.0	22.7	67.7
288.0	22.6	67.1
289.0	22.5	66.5
290.0	22.4	65.7
291.0	22.2	64.3
292.0	21.9	62.5
293.0	21.6	60.9
294.0	21.4	59.3
295.0	21.1	57.7
296.0	20.9	56.5
297.0	20.7	55.4
298.0	20.4	53.7
299.0	20.0	51.5
300.0	19.7	50.1
301.0	19.7	50.2
302.0	19.7	50.2
303.0	19.8	50.4
304.0	19.9	51.2
305.0	20.0	51.8
306.0	20.2	52.4
307.0	20.4	53.8
308.0	20.7	55.3
309.0	21.1	57.5
310.0	21.5	59.8
311.0	21.8	61.8
312.0	22.1	63.6
313.0	22.2	64.5
314.0	22.3	65.3
315.0	22.4	66.2
316.0	22.6	67.0
317.0	22.6	67.4
318.0	22.6	67.5
319.0	22.6	67.6

WEZG-FM F(50,50) 60.0 dBu 3 Second Data

320.0	22.8	68.4
321.0	22.8	68.9
322.0	22.9	69.0
323.0	22.9	69.6
324.0	23.1	70.5
325.0	23.2	71.4
326.0	23.3	71.9
327.0	23.3	72.2
328.0	23.4	72.9
329.0	23.6	74.3
330.0	23.8	75.5
331.0	24.0	76.5
332.0	23.9	76.5
333.0	23.9	75.8
334.0	23.9	75.9
335.0	24.0	76.6
336.0	24.0	77.2
337.0	24.1	77.8
338.0	24.2	78.5
339.0	24.4	79.9
340.0	24.7	81.5
341.0	24.8	82.6
342.0	24.8	82.6
343.0	24.8	82.1
344.0	24.7	81.4
345.0	24.5	80.5
346.0	24.4	79.5
347.0	24.2	78.3
348.0	24.1	77.6
349.0	24.1	77.7
350.0	24.2	78.1
351.0	24.2	77.9
352.0	24.1	77.5
353.0	24.0	77.1
354.0	24.0	77.2
355.0	24.0	76.9
356.0	24.0	76.8
357.0	24.0	77.0
358.0	24.0	77.0
359.0	24.0	76.8

Average HAAT for radials shown: 81.0 m

WEZG-FM F(50,10) 100.0 dBu 3 Second Data

Call Letters: WEZG-FM
 File Number: BMPED20080814ADW
 Latitude: 33-40-33 N
 Longitude: 082-37-15.30 W
 ERP: 5.00 kW
 Channel: 212
 Frequency: 90.3 MHz
 AMSL Height: 220.0 m
 Elevation: 154.0 m
 HAAT: 82.0 m
 Horiz. Antenna Pattern: Omni

Type of contour: FCC
 Location Variability: 50.0 %
 Time Variability: 10.0 %
 # of Radials Calculated: 360
 Field Strength: 100.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	2.36	76.5
1.0	2.36	76.3
2.0	2.36	76.0
3.0	2.35	75.5
4.0	2.35	75.1
5.0	2.34	74.3
6.0	2.33	73.8
7.0	2.32	73.2
8.0	2.31	71.5
9.0	2.29	70.4
10.0	2.28	69.4
11.0	2.27	68.5
12.0	2.27	67.9
13.0	2.26	67.7
14.0	2.25	66.7
15.0	2.24	66.2
16.0	2.26	67.3
17.0	2.26	67.3
18.0	2.24	65.6
19.0	2.22	64.0
20.0	2.22	64.0
21.0	2.22	64.0
22.0	2.22	64.0
23.0	2.21	63.4
24.0	2.21	62.5
25.0	2.20	61.8
26.0	2.20	62.0
27.0	2.21	62.9
28.0	2.23	64.8
29.0	2.27	68.4
30.0	2.30	70.6
31.0	2.31	71.5
32.0	2.30	70.8
33.0	2.28	69.6
34.0	2.25	67.0

WEZG-FM F(50,10) 100.0 dBu 3 Second Data

35.0	2.23	65.1
36.0	2.23	64.7
37.0	2.23	64.6
38.0	2.25	66.9
39.0	2.28	69.1
40.0	2.30	71.1
41.0	2.31	71.5
42.0	2.28	69.5
43.0	2.25	66.5
44.0	2.22	64.1
45.0	2.21	63.3
46.0	2.21	63.2
47.0	2.22	63.4
48.0	2.21	63.0
49.0	2.20	61.4
50.0	2.15	58.0
51.0	2.14	57.2
52.0	2.19	61.3
53.0	2.23	65.0
54.0	2.25	67.1
55.0	2.26	67.9
56.0	2.27	68.6
57.0	2.28	69.4
58.0	2.29	69.9
59.0	2.30	70.9
60.0	2.32	72.5
61.0	2.34	74.3
62.0	2.35	75.6
63.0	2.37	77.4
64.0	2.39	79.2
65.0	2.41	80.3
66.0	2.41	80.7
67.0	2.41	80.8
68.0	2.42	81.5
69.0	2.43	82.1
70.0	2.43	82.6
71.0	2.44	83.6
72.0	2.46	84.8
73.0	2.47	86.3
74.0	2.48	87.4
75.0	2.49	88.3
76.0	2.50	89.0
77.0	2.51	89.8
78.0	2.52	90.6
79.0	2.52	91.0
80.0	2.52	91.2
81.0	2.53	91.6
82.0	2.53	92.1
83.0	2.54	92.5
84.0	2.54	93.0
85.0	2.55	93.4
86.0	2.56	94.7
87.0	2.58	96.2
88.0	2.59	96.7
89.0	2.58	96.1
90.0	2.56	94.5
91.0	2.55	93.5

WEZG-FM F(50,10) 100.0 dBu 3 Second Data

92.0	2.56	94.1
93.0	2.56	94.7
94.0	2.57	95.5
95.0	2.59	97.3
96.0	2.62	99.6
97.0	2.64	101.9
98.0	2.67	103.9
99.0	2.69	105.9
100.0	2.70	107.7
101.0	2.72	109.5
102.0	2.74	111.5
103.0	2.75	113.0
104.0	2.76	114.1
105.0	2.76	114.1
106.0	2.75	112.6
107.0	2.73	110.9
108.0	2.73	110.6
109.0	2.73	110.9
110.0	2.74	111.1
111.0	2.74	111.6
112.0	2.75	112.6
113.0	2.75	112.1
114.0	2.74	111.6
115.0	2.74	111.5
116.0	2.74	111.4
117.0	2.74	111.5
118.0	2.74	111.7
119.0	2.75	112.3
120.0	2.76	114.3
121.0	2.78	115.7
122.0	2.78	116.5
123.0	2.78	116.3
124.0	2.77	115.0
125.0	2.76	113.6
126.0	2.75	112.2
127.0	2.73	110.6
128.0	2.73	110.2
129.0	2.73	110.7
130.0	2.73	110.7
131.0	2.71	108.4
132.0	2.68	105.3
133.0	2.66	103.8
134.0	2.66	103.7
135.0	2.66	103.6
136.0	2.66	103.3
137.0	2.64	101.8
138.0	2.64	101.1
139.0	2.64	101.2
140.0	2.63	100.7
141.0	2.62	99.2
142.0	2.61	98.3
143.0	2.60	97.9
144.0	2.59	97.0
145.0	2.59	96.7
146.0	2.58	96.2
147.0	2.57	95.5
148.0	2.55	93.9

WEZG-FM F(50,10) 100.0 dBu 3 Second Data

149.0	2.55	93.5
150.0	2.55	93.2
151.0	2.54	92.4
152.0	2.54	92.4
153.0	2.53	91.5
154.0	2.51	89.6
155.0	2.50	89.0
156.0	2.50	89.2
157.0	2.51	89.6
158.0	2.52	90.5
159.0	2.52	90.8
160.0	2.52	91.1
161.0	2.52	91.0
162.0	2.51	90.1
163.0	2.50	89.0
164.0	2.50	88.6
165.0	2.49	87.6
166.0	2.47	86.4
167.0	2.47	86.1
168.0	2.47	85.9
169.0	2.46	85.4
170.0	2.45	84.7
171.0	2.45	84.6
172.0	2.45	84.3
173.0	2.45	84.0
174.0	2.44	83.5
175.0	2.44	83.1
176.0	2.44	83.4
177.0	2.45	84.3
178.0	2.46	85.6
179.0	2.47	86.5
180.0	2.47	86.5
181.0	2.47	86.0
182.0	2.46	85.2
183.0	2.45	84.3
184.0	2.44	83.1
185.0	2.43	82.1
186.0	2.42	81.4
187.0	2.41	81.0
188.0	2.41	80.7
189.0	2.41	80.5
190.0	2.42	81.2
191.0	2.43	82.5
192.0	2.44	83.5
193.0	2.46	84.8
194.0	2.47	85.8
195.0	2.47	86.1
196.0	2.47	86.4
197.0	2.47	86.0
198.0	2.44	83.4
199.0	2.42	82.0
200.0	2.42	81.6
201.0	2.41	81.0
202.0	2.40	80.0
203.0	2.41	80.6
204.0	2.43	82.8
205.0	2.45	84.5

WEZG-FM F(50,10) 100.0 dBu 3 Second Data

206.0	2.44	83.7
207.0	2.43	82.5
208.0	2.41	80.6
209.0	2.41	80.9
210.0	2.41	80.9
211.0	2.42	81.7
212.0	2.44	83.5
213.0	2.47	85.7
214.0	2.48	87.0
215.0	2.48	86.7
216.0	2.47	86.5
217.0	2.47	85.7
218.0	2.46	84.9
219.0	2.45	84.6
220.0	2.46	84.8
221.0	2.46	85.0
222.0	2.45	84.1
223.0	2.42	82.0
224.0	2.40	80.1
225.0	2.40	79.8
226.0	2.41	80.4
227.0	2.40	80.0
228.0	2.40	79.9
229.0	2.40	79.9
230.0	2.40	79.6
231.0	2.39	79.4
232.0	2.40	79.5
233.0	2.40	79.8
234.0	2.41	80.5
235.0	2.42	81.8
236.0	2.44	83.3
237.0	2.43	82.9
238.0	2.42	81.8
239.0	2.41	80.7
240.0	2.40	79.8
241.0	2.38	78.0
242.0	2.36	76.2
243.0	2.36	75.8
244.0	2.35	75.0
245.0	2.35	75.5
246.0	2.36	76.5
247.0	2.37	76.7
248.0	2.38	77.8
249.0	2.37	77.5
250.0	2.38	77.7
251.0	2.37	77.1
252.0	2.37	76.7
253.0	2.37	77.2
254.0	2.37	77.5
255.0	2.37	77.4
256.0	2.38	77.9
257.0	2.38	78.5
258.0	2.38	78.1
259.0	2.39	78.6
260.0	2.42	81.4
261.0	2.43	82.3
262.0	2.43	82.1

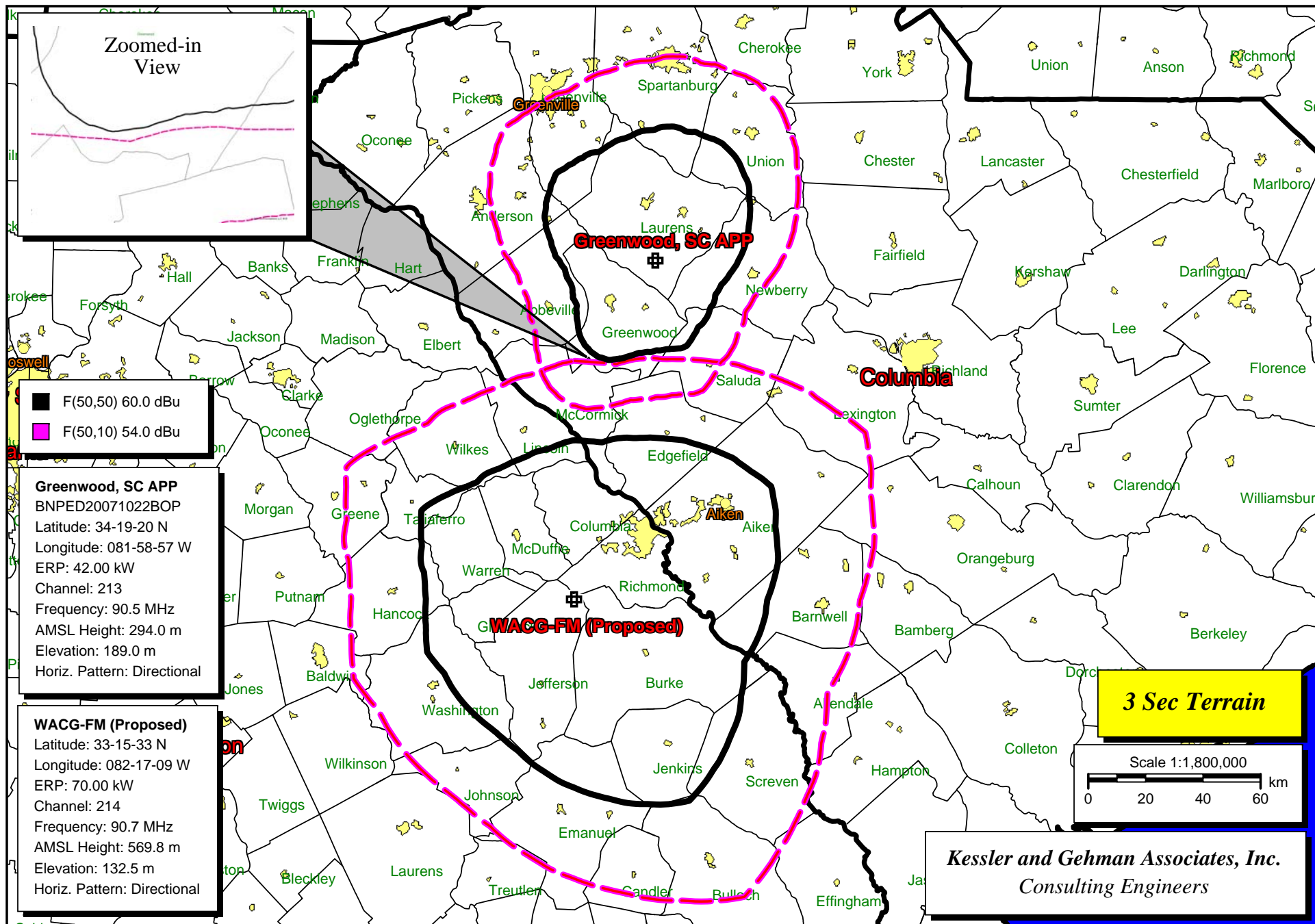
WEZG-FM F(50,10) 100.0 dBu 3 Second Data

263.0	2.40	80.0
264.0	2.38	78.4
265.0	2.38	77.8
266.0	2.37	77.1
267.0	2.35	75.8
268.0	2.34	74.2
269.0	2.33	73.2
270.0	2.31	72.2
271.0	2.32	72.3
272.0	2.32	72.8
273.0	2.32	72.7
274.0	2.32	72.8
275.0	2.33	73.9
276.0	2.35	75.7
277.0	2.35	75.0
278.0	2.33	74.0
279.0	2.33	73.2
280.0	2.31	71.6
281.0	2.29	70.0
282.0	2.28	69.3
283.0	2.27	68.5
284.0	2.27	68.2
285.0	2.27	68.2
286.0	2.27	68.1
287.0	2.26	67.7
288.0	2.25	67.1
289.0	2.25	66.5
290.0	2.24	65.7
291.0	2.22	64.3
292.0	2.21	62.5
293.0	2.19	60.9
294.0	2.17	59.3
295.0	2.15	57.7
296.0	2.13	56.5
297.0	2.12	55.4
298.0	2.09	53.7
299.0	2.05	51.5
300.0	2.02	50.1
301.0	2.02	50.2
302.0	2.02	50.2
303.0	2.03	50.4
304.0	2.04	51.2
305.0	2.05	51.8
306.0	2.06	52.4
307.0	2.09	53.8
308.0	2.11	55.3
309.0	2.15	57.5
310.0	2.18	59.8
311.0	2.20	61.8
312.0	2.22	63.6
313.0	2.23	64.5
314.0	2.24	65.3
315.0	2.24	66.2
316.0	2.25	67.0
317.0	2.26	67.4
318.0	2.26	67.5
319.0	2.26	67.6

WEZG-FM F(50,10) 100.0 dBu 3 Second Data

320.0	2.27	68.4
321.0	2.28	68.9
322.0	2.28	69.0
323.0	2.28	69.6
324.0	2.29	70.5
325.0	2.31	71.4
326.0	2.31	71.9
327.0	2.31	72.2
328.0	2.32	72.9
329.0	2.34	74.3
330.0	2.35	75.5
331.0	2.36	76.5
332.0	2.36	76.5
333.0	2.36	75.8
334.0	2.36	75.9
335.0	2.36	76.6
336.0	2.37	77.2
337.0	2.38	77.8
338.0	2.39	78.5
339.0	2.40	79.9
340.0	2.42	81.5
341.0	2.43	82.6
342.0	2.43	82.6
343.0	2.43	82.1
344.0	2.42	81.4
345.0	2.41	80.5
346.0	2.40	79.5
347.0	2.38	78.3
348.0	2.38	77.6
349.0	2.38	77.7
350.0	2.38	78.1
351.0	2.38	77.9
352.0	2.37	77.5
353.0	2.37	77.1
354.0	2.37	77.2
355.0	2.37	76.9
356.0	2.37	76.8
357.0	2.37	77.0
358.0	2.37	77.0
359.0	2.37	76.8

Average HAAT for radials shown: 81.0 m



Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

Call Letters: Greenwood, SC APP
File Number: BNPED20071022BOP
Latitude: 34-19-20 N
Longitude: 081-58-57 W
ERP: 42.00 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 294.0 m
Elevation: 189.0 m
HAAT: 134.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 50.0 %
of Radials Calculated: 360
Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	45.6	114.3
1.0	46.0	116.8
2.0	46.3	119.4
3.0	46.6	121.1
4.0	46.7	121.7
5.0	46.8	122.5
6.0	46.8	123.0
7.0	47.0	123.9
8.0	47.0	124.4
9.0	47.0	123.8
10.0	46.9	123.3
11.0	46.8	122.5
12.0	46.6	120.9
13.0	46.2	118.3
14.0	46.2	118.4
15.0	46.4	119.6
16.0	46.5	120.7
17.0	46.9	123.2
18.0	46.8	122.8
19.0	46.7	121.7
20.0	46.6	121.2
21.0	46.5	120.8
22.0	46.5	120.8
23.0	46.5	120.8
24.0	46.6	121.4
25.0	46.8	122.4
26.0	46.9	123.1
27.0	46.9	123.2
28.0	46.9	123.3
29.0	46.9	123.4
30.0	46.9	123.3
31.0	46.7	123.3
32.0	46.5	123.6
33.0	46.3	124.2
34.0	46.2	124.8

Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

35.0	46.0	125.3
36.0	45.9	125.9
37.0	45.7	126.5
38.0	45.5	126.7
39.0	45.2	126.6
40.0	44.9	126.4
41.0	44.6	126.6
42.0	44.3	126.7
43.0	43.9	126.7
44.0	43.6	126.8
45.0	43.2	127.2
46.0	42.9	127.8
47.0	42.7	128.8
48.0	42.5	130.7
49.0	42.4	132.4
50.0	42.1	133.3
51.0	41.8	133.8
52.0	41.4	133.5
53.0	40.9	132.6
54.0	40.4	131.3
55.0	39.9	130.0
56.0	39.4	129.4
57.0	39.1	129.5
58.0	38.7	129.8
59.0	38.4	130.2
60.0	38.0	130.7
61.0	37.7	131.0
62.0	37.4	130.9
63.0	37.0	130.7
64.0	36.6	130.5
65.0	36.3	130.5
66.0	35.9	130.9
67.0	35.6	131.2
68.0	35.3	131.4
69.0	34.9	131.7
70.0	34.6	132.3
71.0	34.3	132.8
72.0	34.0	133.2
73.0	33.7	133.8
74.0	33.4	134.1
75.0	33.1	134.6
76.0	32.9	135.6
77.0	32.6	136.6
78.0	32.4	137.9
79.0	32.1	138.7
80.0	31.8	139.4
81.0	31.5	140.0
82.0	31.2	140.3
83.0	30.9	140.5
84.0	30.6	140.7
85.0	30.3	141.2
86.0	30.1	141.7
87.0	29.8	142.1
88.0	29.5	142.4
89.0	29.2	142.6
90.0	28.9	143.1
91.0	28.7	143.8

Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

92.0	28.5	144.6
93.0	28.2	145.0
94.0	27.9	144.8
95.0	27.7	144.8
96.0	27.4	145.1
97.0	27.1	145.4
98.0	26.9	145.8
99.0	26.7	146.5
100.0	26.4	147.0
101.0	26.2	147.6
102.0	26.0	148.6
103.0	25.9	149.9
104.0	25.7	150.6
105.0	25.5	151.2
106.0	25.3	152.0
107.0	25.1	152.9
108.0	24.9	153.8
109.0	24.7	154.3
110.0	24.4	154.5
111.0	24.4	154.4
112.0	24.4	153.9
113.0	24.3	153.4
114.0	24.3	153.1
115.0	24.3	152.6
116.0	24.3	152.2
117.0	24.2	151.2
118.0	24.1	150.3
119.0	24.1	149.4
120.0	24.1	149.8
121.0	24.3	150.4
122.0	24.5	151.0
123.0	24.7	151.5
124.0	24.8	151.6
125.0	25.0	151.5
126.0	25.1	151.0
127.0	25.2	150.1
128.0	25.2	148.7
129.0	25.2	146.7
130.0	25.2	144.1
131.0	25.3	142.5
132.0	25.5	141.2
133.0	25.7	140.7
134.0	26.0	140.2
135.0	26.2	139.7
136.0	26.4	139.0
137.0	26.6	138.1
138.0	26.7	136.9
139.0	26.8	135.5
140.0	26.9	133.7
141.0	27.1	132.1
142.0	27.3	130.4
143.0	27.4	128.4
144.0	27.4	126.0
145.0	27.5	123.4
146.0	27.5	120.5
147.0	27.5	117.9
148.0	27.7	117.4

Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

149.0	28.1	118.3
150.0	28.5	119.8
151.0	28.8	121.1
152.0	29.0	122.5
153.0	29.3	124.4
154.0	29.7	126.4
155.0	30.0	128.7
156.0	30.4	131.1
157.0	30.7	132.6
158.0	31.0	134.5
159.0	31.4	136.5
160.0	31.7	137.9
161.0	31.7	139.2
162.0	31.8	141.2
163.0	31.8	142.8
164.0	31.8	143.9
165.0	31.7	144.0
166.0	31.6	144.2
167.0	31.4	144.4
168.0	31.4	145.0
169.0	31.3	145.8
170.0	31.2	146.2
171.0	31.2	145.9
172.0	31.2	144.7
173.0	31.1	143.5
174.0	31.2	143.7
175.0	31.2	144.0
176.0	31.3	144.1
177.0	31.3	143.9
178.0	31.3	143.4
179.0	31.3	142.4
180.0	31.3	142.6
181.0	31.5	143.9
182.0	31.8	145.3
183.0	31.9	145.8
184.0	31.9	145.2
185.0	31.9	144.5
186.0	32.0	145.0
187.0	32.2	145.9
188.0	32.4	146.9
189.0	32.5	147.5
190.0	32.6	147.6
191.0	32.9	147.0
192.0	33.3	146.4
193.0	33.7	146.7
194.0	34.0	146.5
195.0	34.4	146.4
196.0	34.7	146.4
197.0	35.2	147.3
198.0	35.7	148.7
199.0	36.0	149.0
200.0	36.3	148.8
201.0	36.7	148.7
202.0	37.0	149.1
203.0	37.4	149.6
204.0	37.8	150.6
205.0	38.2	150.9

Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

206.0	38.3	149.5
207.0	38.4	147.6
208.0	38.5	146.0
209.0	38.6	144.6
210.0	38.9	144.6
211.0	38.9	145.0
212.0	38.9	144.8
213.0	38.9	144.5
214.0	38.9	144.5
215.0	38.9	144.5
216.0	38.8	143.8
217.0	38.5	142.1
218.0	38.5	141.5
219.0	38.4	140.8
220.0	38.3	140.2
221.0	38.0	139.7
222.0	37.8	140.3
223.0	37.6	140.9
224.0	37.3	141.2
225.0	37.1	141.3
226.0	36.7	140.6
227.0	36.4	140.5
228.0	36.0	139.7
229.0	35.6	138.6
230.0	35.1	137.6
231.0	34.7	136.4
232.0	34.4	135.8
233.0	34.2	136.3
234.0	33.8	135.6
235.0	33.5	135.1
236.0	33.0	133.9
237.0	32.6	133.2
238.0	32.4	133.5
239.0	32.0	133.2
240.0	31.5	131.6
241.0	31.4	131.1
242.0	31.4	132.2
243.0	31.4	133.5
244.0	31.4	134.7
245.0	31.5	137.3
246.0	31.4	137.4
247.0	31.0	135.0
248.0	31.0	135.6
249.0	30.9	136.0
250.0	30.6	134.7
251.0	30.5	133.6
252.0	30.4	132.8
253.0	30.4	133.5
254.0	30.4	133.9
255.0	30.6	135.3
256.0	30.7	136.9
257.0	30.9	138.8
258.0	31.1	141.0
259.0	31.3	143.8
260.0	31.3	143.6
261.0	31.5	142.3
262.0	31.5	139.1

Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

263.0	31.6	136.7
264.0	31.6	133.9
265.0	31.8	132.8
266.0	32.2	133.5
267.0	32.6	133.9
268.0	32.9	133.7
269.0	33.1	133.1
270.0	33.4	133.1
271.0	33.9	134.2
272.0	34.6	136.3
273.0	34.9	136.3
274.0	35.0	134.0
275.0	35.3	133.4
276.0	35.7	133.3
277.0	36.0	133.1
278.0	36.4	133.3
279.0	36.6	132.7
280.0	36.8	131.5
281.0	37.2	131.1
282.0	37.6	131.5
283.0	38.0	131.2
284.0	38.4	131.9
285.0	38.9	132.6
286.0	39.4	133.8
287.0	39.8	134.4
288.0	40.2	134.4
289.0	40.3	132.6
290.0	40.8	133.8
291.0	41.3	134.5
292.0	41.5	133.5
293.0	41.7	131.9
294.0	41.9	130.1
295.0	42.1	128.8
296.0	42.4	128.2
297.0	42.8	128.6
298.0	43.1	128.2
299.0	43.2	126.1
300.0	43.4	125.6
301.0	43.6	124.6
302.0	43.7	123.2
303.0	43.9	121.9
304.0	44.1	121.3
305.0	44.5	122.3
306.0	44.8	122.4
307.0	45.0	121.1
308.0	45.1	120.0
309.0	45.4	119.9
310.0	45.6	120.0
311.0	45.8	121.4
312.0	45.8	121.3
313.0	45.6	119.5
314.0	45.4	117.8
315.0	45.1	115.7
316.0	44.9	114.7
317.0	44.9	114.3
318.0	44.8	113.7
319.0	44.5	111.7

Greenwood, SC APP F(50,50) 60.0 dBu 3 Second Data

320.0	44.3	110.6
321.0	44.3	110.3
322.0	44.2	109.3
323.0	44.2	108.9
324.0	44.0	107.2
325.0	43.7	105.4
326.0	43.9	106.2
327.0	43.8	105.4
328.0	43.7	104.3
329.0	43.7	104.1
330.0	43.4	101.7
331.0	43.0	99.8
332.0	42.7	97.5
333.0	42.6	96.7
334.0	42.7	97.3
335.0	42.8	97.9
336.0	42.9	98.5
337.0	43.1	99.5
338.0	43.2	100.0
339.0	43.3	100.3
340.0	43.5	101.4
341.0	43.7	102.1
342.0	43.8	103.0
343.0	43.9	103.4
344.0	43.9	103.4
345.0	43.8	103.2
346.0	43.8	103.1
347.0	43.9	103.5
348.0	44.0	104.4
349.0	44.2	105.4
350.0	44.5	107.2
351.0	44.7	108.6
352.0	44.9	109.9
353.0	45.1	111.1
354.0	45.3	112.4
355.0	45.3	112.3
356.0	45.4	112.8
357.0	45.4	112.8
358.0	45.4	112.9
359.0	45.4	113.2

Average HAAT for radials shown: 132.1 m

Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

Call Letters: Greenwood, SC APP
File Number: BNPED20071022BOP
Latitude: 34-19-20 N
Longitude: 081-58-57 W
ERP: 42.00 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 294.0 m
Elevation: 189.0 m
HAAT: 134.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 54.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	69.9	114.3
1.0	70.3	116.8
2.0	70.7	119.4
3.0	71.0	121.1
4.0	71.1	121.7
5.0	71.3	122.5
6.0	71.3	123.0
7.0	71.5	123.9
8.0	71.6	124.4
9.0	71.5	123.8
10.0	71.4	123.3
11.0	71.3	122.5
12.0	71.0	120.9
13.0	70.6	118.3
14.0	70.6	118.4
15.0	70.8	119.6
16.0	71.0	120.7
17.0	71.4	123.2
18.0	71.3	122.8
19.0	71.1	121.7
20.0	71.0	121.2
21.0	71.0	120.8
22.0	71.0	120.8
23.0	71.0	120.8
24.0	71.1	121.4
25.0	71.2	122.4
26.0	71.4	123.1
27.0	71.4	123.2
28.0	71.4	123.3
29.0	71.4	123.4
30.0	71.4	123.3
31.0	71.0	123.3
32.0	70.7	123.6
33.0	70.5	124.2
34.0	70.2	124.8

Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

35.0	69.9	125.3
36.0	69.6	125.9
37.0	69.3	126.5
38.0	69.0	126.7
39.0	68.5	126.6
40.0	68.1	126.4
41.0	67.6	126.6
42.0	67.0	126.7
43.0	66.5	126.7
44.0	65.9	126.8
45.0	65.3	127.2
46.0	64.8	127.8
47.0	64.4	128.8
48.0	64.1	130.7
49.0	63.7	132.4
50.0	63.2	133.3
51.0	62.8	133.8
52.0	62.2	133.5
53.0	61.5	132.6
54.0	60.8	131.3
55.0	60.0	130.0
56.0	59.4	129.4
57.0	58.9	129.5
58.0	58.3	129.8
59.0	57.8	130.2
60.0	57.3	130.7
61.0	56.9	131.0
62.0	56.4	130.9
63.0	55.9	130.7
64.0	55.3	130.5
65.0	54.8	130.5
66.0	54.4	130.9
67.0	53.9	131.2
68.0	53.4	131.4
69.0	52.9	131.7
70.0	52.4	132.3
71.0	52.0	132.8
72.0	51.6	133.2
73.0	51.2	133.8
74.0	50.7	134.1
75.0	50.3	134.6
76.0	49.9	135.6
77.0	49.5	136.6
78.0	49.2	137.9
79.0	48.7	138.7
80.0	48.3	139.4
81.0	47.9	140.0
82.0	47.5	140.3
83.0	47.0	140.5
84.0	46.6	140.7
85.0	46.1	141.2
86.0	45.7	141.7
87.0	45.3	142.1
88.0	44.8	142.4
89.0	44.3	142.6
90.0	43.9	143.1
91.0	43.5	143.8

Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

92.0	43.2	144.6
93.0	42.8	145.0
94.0	42.4	144.8
95.0	41.9	144.8
96.0	41.5	145.1
97.0	41.1	145.4
98.0	40.7	145.8
99.0	40.3	146.5
100.0	39.9	147.0
101.0	39.6	147.6
102.0	39.3	148.6
103.0	39.1	149.9
104.0	38.8	150.6
105.0	38.4	151.2
106.0	38.1	152.0
107.0	37.8	152.9
108.0	37.5	153.8
109.0	37.1	154.3
110.0	36.7	154.5
111.0	36.6	154.4
112.0	36.6	153.9
113.0	36.5	153.4
114.0	36.5	153.1
115.0	36.5	152.6
116.0	36.4	152.2
117.0	36.3	151.2
118.0	36.2	150.3
119.0	36.1	149.4
120.0	36.1	149.8
121.0	36.5	150.4
122.0	36.8	151.0
123.0	37.1	151.5
124.0	37.3	151.6
125.0	37.6	151.5
126.0	37.8	151.0
127.0	37.9	150.1
128.0	38.0	148.7
129.0	38.0	146.7
130.0	37.9	144.1
131.0	38.2	142.5
132.0	38.5	141.2
133.0	38.9	140.7
134.0	39.2	140.2
135.0	39.6	139.7
136.0	40.0	139.0
137.0	40.3	138.1
138.0	40.5	136.9
139.0	40.7	135.5
140.0	40.9	133.7
141.0	41.2	132.1
142.0	41.5	130.4
143.0	41.7	128.4
144.0	41.8	126.0
145.0	42.0	123.4
146.0	42.0	120.5
147.0	42.1	117.9
148.0	42.5	117.4

Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

149.0	43.0	118.3
150.0	43.7	119.8
151.0	44.1	121.1
152.0	44.5	122.5
153.0	44.9	124.4
154.0	45.4	126.4
155.0	45.9	128.7
156.0	46.4	131.1
157.0	46.9	132.6
158.0	47.3	134.5
159.0	47.8	136.5
160.0	48.2	137.9
161.0	48.2	139.2
162.0	48.2	141.2
163.0	48.3	142.8
164.0	48.2	143.9
165.0	48.0	144.0
166.0	47.9	144.2
167.0	47.7	144.4
168.0	47.6	145.0
169.0	47.5	145.8
170.0	47.3	146.2
171.0	47.4	145.9
172.0	47.3	144.7
173.0	47.2	143.5
174.0	47.3	143.7
175.0	47.4	144.0
176.0	47.5	144.1
177.0	47.6	143.9
178.0	47.6	143.4
179.0	47.5	142.4
180.0	47.6	142.6
181.0	47.9	143.9
182.0	48.2	145.3
183.0	48.3	145.8
184.0	48.4	145.2
185.0	48.4	144.5
186.0	48.5	145.0
187.0	48.8	145.9
188.0	49.0	146.9
189.0	49.2	147.5
190.0	49.3	147.6
191.0	49.8	147.0
192.0	50.2	146.4
193.0	50.8	146.7
194.0	51.3	146.5
195.0	51.8	146.4
196.0	52.3	146.4
197.0	52.9	147.3
198.0	53.5	148.7
199.0	54.0	149.0
200.0	54.5	148.8
201.0	54.9	148.7
202.0	55.4	149.1
203.0	55.9	149.6
204.0	56.5	150.6
205.0	57.0	150.9

Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

206.0	57.2	149.5
207.0	57.4	147.6
208.0	57.5	146.0
209.0	57.8	144.6
210.0	58.2	144.6
211.0	58.2	145.0
212.0	58.2	144.8
213.0	58.1	144.5
214.0	58.1	144.5
215.0	58.1	144.5
216.0	58.0	143.8
217.0	57.7	142.1
218.0	57.6	141.5
219.0	57.5	140.8
220.0	57.4	140.2
221.0	57.0	139.7
222.0	56.7	140.3
223.0	56.4	140.9
224.0	56.0	141.2
225.0	55.6	141.3
226.0	55.2	140.6
227.0	54.7	140.5
228.0	54.2	139.7
229.0	53.6	138.6
230.0	53.1	137.6
231.0	52.5	136.4
232.0	52.0	135.8
233.0	51.7	136.3
234.0	51.2	135.6
235.0	50.8	135.1
236.0	50.2	133.9
237.0	49.7	133.2
238.0	49.3	133.5
239.0	48.8	133.2
240.0	48.1	131.6
241.0	47.9	131.1
242.0	47.9	132.2
243.0	47.9	133.5
244.0	47.8	134.7
245.0	48.0	137.3
246.0	47.8	137.4
247.0	47.3	135.0
248.0	47.2	135.6
249.0	47.1	136.0
250.0	46.7	134.7
251.0	46.5	133.6
252.0	46.4	132.8
253.0	46.5	133.5
254.0	46.5	133.9
255.0	46.6	135.3
256.0	46.8	136.9
257.0	47.0	138.8
258.0	47.2	141.0
259.0	47.5	143.8
260.0	47.5	143.6
261.0	47.8	142.3
262.0	47.9	139.1

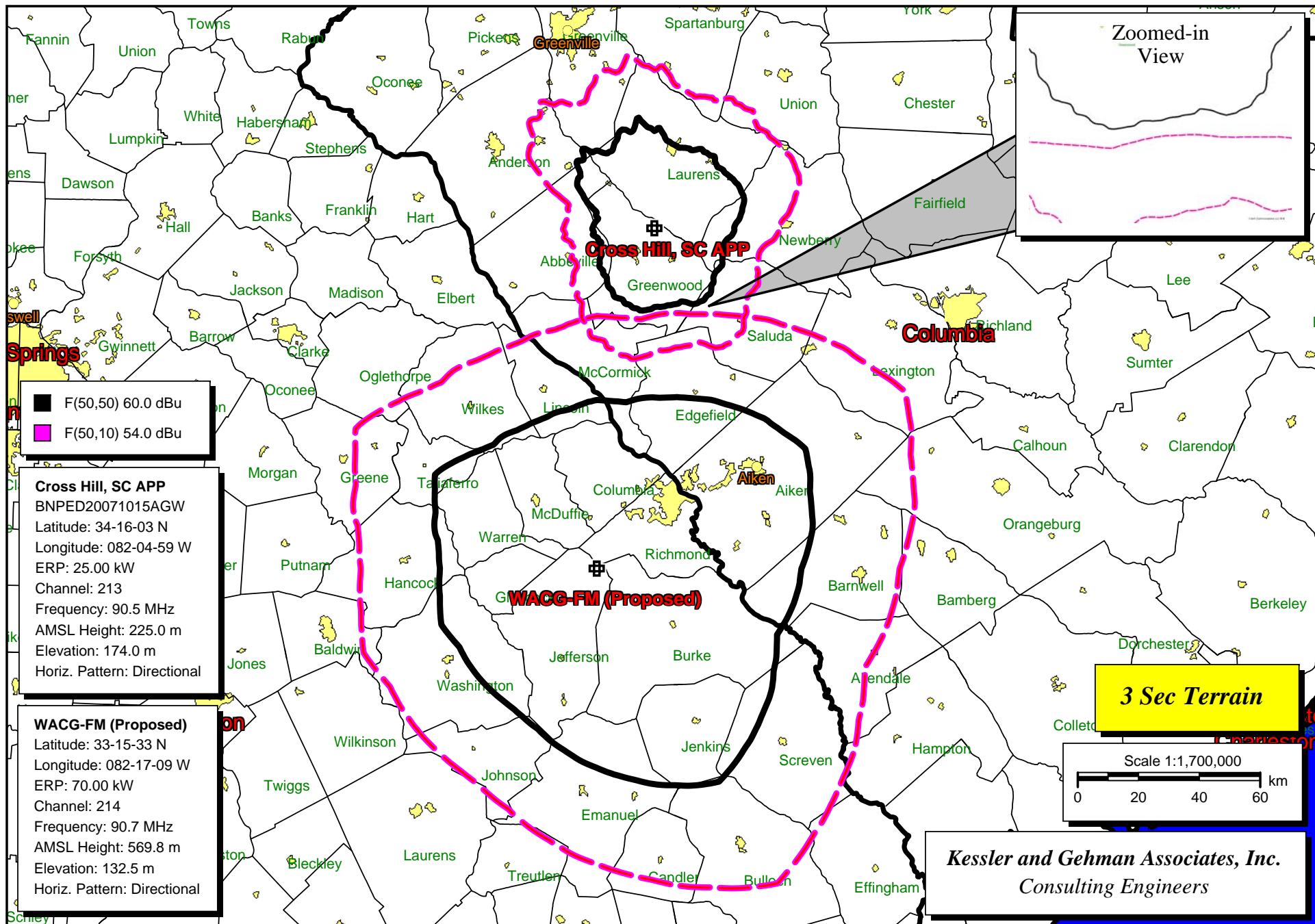
Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

263.0	48.1	136.7
264.0	48.2	133.9
265.0	48.5	132.8
266.0	49.0	133.5
267.0	49.5	133.9
268.0	50.0	133.7
269.0	50.3	133.1
270.0	50.8	133.1
271.0	51.5	134.2
272.0	52.3	136.3
273.0	52.8	136.3
274.0	53.0	134.0
275.0	53.4	133.4
276.0	53.9	133.3
277.0	54.4	133.1
278.0	54.9	133.3
279.0	55.3	132.7
280.0	55.6	131.5
281.0	56.1	131.1
282.0	56.7	131.5
283.0	57.2	131.2
284.0	57.9	131.9
285.0	58.5	132.6
286.0	59.2	133.8
287.0	59.8	134.4
288.0	60.3	134.4
289.0	60.5	132.6
290.0	61.2	133.8
291.0	62.0	134.5
292.0	62.4	133.5
293.0	62.7	131.9
294.0	63.0	130.1
295.0	63.4	128.8
296.0	63.9	128.2
297.0	64.5	128.6
298.0	65.0	128.2
299.0	65.2	126.1
300.0	65.7	125.6
301.0	66.0	124.6
302.0	66.3	123.2
303.0	66.6	121.9
304.0	67.0	121.3
305.0	67.6	122.3
306.0	68.1	122.4
307.0	68.4	121.1
308.0	68.7	120.0
309.0	69.1	119.9
310.0	69.6	120.0
311.0	69.8	121.4
312.0	69.8	121.3
313.0	69.5	119.5
314.0	69.2	117.8
315.0	68.9	115.7
316.0	68.7	114.7
317.0	68.6	114.3
318.0	68.5	113.7
319.0	68.2	111.7

Greenwood, SC APP F(50,10) 54 dBu 3 Second Data

320.0	68.0	110.6
321.0	68.0	110.3
322.0	67.9	109.3
323.0	67.9	108.9
324.0	67.7	107.2
325.0	67.4	105.4
326.0	67.7	106.2
327.0	67.6	105.4
328.0	67.5	104.3
329.0	67.5	104.1
330.0	67.2	101.7
331.0	66.8	99.8
332.0	66.4	97.5
333.0	66.3	96.7
334.0	66.5	97.3
335.0	66.6	97.9
336.0	66.8	98.5
337.0	67.0	99.5
338.0	67.1	100.0
339.0	67.2	100.3
340.0	67.5	101.4
341.0	67.6	102.1
342.0	67.8	103.0
343.0	67.9	103.4
344.0	67.9	103.4
345.0	67.8	103.2
346.0	67.8	103.1
347.0	67.9	103.5
348.0	68.1	104.4
349.0	68.3	105.4
350.0	68.6	107.2
351.0	68.8	108.6
352.0	69.1	109.9
353.0	69.3	111.1
354.0	69.5	112.4
355.0	69.5	112.3
356.0	69.6	112.8
357.0	69.6	112.8
358.0	69.6	112.9
359.0	69.7	113.2

Average HAAT for radials shown: 132.1 m



Cross Hill, SC APP Allocation Study

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

Call Letters: Cross Hill, SC APP
File Number: BNPED20071015AGW
Latitude: 34-16-03 N
Longitude: 082-04-59 W
ERP: 25.00 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 225.0 m
Elevation: 174.0 m
HAAT: 63.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 50.0 %
of Radials Calculated: 360
Field Strength: 60.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	32.0	64.1
1.0	32.2	64.9
2.0	32.9	68.4
3.0	33.0	68.7
4.0	32.2	64.9
5.0	31.4	61.5
6.0	30.7	58.6
7.0	29.8	54.6
8.0	29.1	52.2
9.0	28.9	51.2
10.0	28.9	51.3
11.0	28.6	50.2
12.0	28.4	49.4
13.0	28.2	49.0
14.0	28.1	48.5
15.0	27.9	47.9
16.0	27.9	47.8
17.0	27.6	46.8
18.0	27.8	47.4
19.0	28.0	48.1
20.0	28.1	48.5
21.0	28.3	49.2
22.0	28.4	49.5
23.0	28.5	49.9
24.0	28.6	50.4
25.0	28.3	49.3
26.0	28.5	49.9
27.0	28.8	51.1
28.0	29.2	52.6
29.0	29.7	54.6
30.0	30.1	55.9
31.0	30.3	57.0
32.0	30.1	56.2
33.0	29.9	55.1
34.0	30.0	55.8

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

35.0	30.2	56.5
36.0	30.1	56.2
37.0	30.1	56.1
38.0	30.3	56.7
39.0	30.5	57.8
40.0	30.8	58.9
41.0	30.4	57.3
42.0	29.7	54.4
43.0	29.4	53.4
44.0	29.3	52.9
45.0	29.1	52.0
46.0	28.9	51.4
47.0	29.1	52.1
48.0	29.3	53.0
49.0	29.5	53.8
50.0	29.7	54.3
51.0	29.5	53.6
52.0	29.5	53.6
53.0	29.7	54.4
54.0	29.8	55.0
55.0	30.0	55.6
56.0	30.1	56.1
57.0	30.3	56.6
58.0	30.5	57.5
59.0	30.6	57.9
60.0	30.6	58.0
61.0	30.7	58.9
62.0	31.0	60.4
63.0	31.1	61.3
64.0	31.1	61.7
65.0	31.1	62.3
66.0	31.0	62.6
67.0	31.0	62.8
68.0	31.0	63.3
69.0	31.1	64.2
70.0	31.2	65.0
71.0	31.1	65.9
72.0	31.0	67.3
73.0	30.9	68.1
74.0	30.6	68.5
75.0	30.3	68.6
76.0	30.0	68.6
77.0	29.7	68.8
78.0	29.5	69.6
79.0	29.4	70.6
80.0	29.1	70.8
81.0	28.8	70.6
82.0	28.6	70.8
83.0	28.3	71.1
84.0	28.0	71.0
85.0	27.6	70.1
86.0	27.1	69.0
87.0	26.8	68.6
88.0	26.5	68.9
89.0	26.3	69.4
90.0	26.3	70.9
91.0	26.3	72.9

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

92.0	26.3	74.1
93.0	26.1	74.5
94.0	25.9	74.7
95.0	25.7	75.1
96.0	25.4	74.8
97.0	24.9	73.3
98.0	24.4	71.9
99.0	24.1	71.8
100.0	23.8	72.1
101.0	23.7	72.2
102.0	23.5	72.5
103.0	23.4	73.1
104.0	23.4	74.3
105.0	23.5	76.0
106.0	23.6	78.2
107.0	23.7	80.7
108.0	23.7	82.1
109.0	23.6	83.4
110.0	23.6	84.6
111.0	23.9	85.6
112.0	24.2	87.0
113.0	24.4	87.7
114.0	24.5	87.6
115.0	24.6	87.1
116.0	24.8	87.8
117.0	25.1	89.0
118.0	25.3	89.5
119.0	25.4	89.0
120.0	25.2	86.7
121.0	25.2	84.4
122.0	25.1	82.0
123.0	25.0	79.4
124.0	24.9	76.8
125.0	24.8	74.3
126.0	24.8	72.4
127.0	24.9	71.4
128.0	25.0	70.6
129.0	25.1	69.9
130.0	25.3	69.9
131.0	25.8	70.8
132.0	26.3	72.0
133.0	26.5	71.9
134.0	26.5	69.9
135.0	26.6	69.0
136.0	27.0	69.7
137.0	27.5	70.8
138.0	27.9	71.9
139.0	28.2	72.0
140.0	28.3	71.2
141.0	28.2	70.3
142.0	28.2	70.4
143.0	28.3	71.1
144.0	28.4	71.9
145.0	28.7	73.3
146.0	28.7	73.4
147.0	28.5	72.6
148.0	28.4	72.0

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

149.0	28.4	71.8
150.0	28.5	72.1
151.0	28.3	72.8
152.0	28.2	73.6
153.0	28.0	74.2
154.0	27.6	73.4
155.0	27.2	72.4
156.0	26.7	70.9
157.0	26.3	70.3
158.0	26.1	70.3
159.0	25.8	70.2
160.0	25.6	71.0
161.0	25.8	72.2
162.0	26.0	73.4
163.0	26.0	73.1
164.0	25.9	72.8
165.0	25.9	72.4
166.0	25.8	72.2
167.0	25.8	72.3
168.0	25.8	72.3
169.0	25.8	72.0
170.0	25.7	71.5
171.0	25.8	71.2
172.0	25.9	71.1
173.0	26.0	70.9
174.0	25.9	70.1
175.0	26.0	69.5
176.0	25.9	68.7
177.0	25.9	67.6
178.0	25.8	66.8
179.0	25.9	66.2
180.0	25.9	66.1
181.0	26.2	66.1
182.0	26.6	66.3
183.0	26.7	65.5
184.0	26.8	64.3
185.0	26.9	63.4
186.0	27.1	62.8
187.0	27.2	61.8
188.0	27.3	61.2
189.0	27.4	60.2
190.0	27.4	58.9
191.0	27.1	57.3
192.0	27.0	56.6
193.0	27.0	56.4
194.0	27.1	56.6
195.0	27.1	56.3
196.0	26.9	55.3
197.0	26.6	53.7
198.0	26.5	53.0
199.0	26.4	52.7
200.0	26.5	53.0
201.0	26.6	53.3
202.0	26.4	52.4
203.0	25.9	50.2
204.0	25.6	49.3
205.0	25.7	49.4

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

206.0	25.7	49.7
207.0	25.9	50.4
208.0	25.9	50.3
209.0	26.1	51.1
210.0	26.1	51.1
211.0	25.9	50.6
212.0	25.4	49.2
213.0	25.0	48.0
214.0	24.7	47.3
215.0	24.6	47.1
216.0	24.6	47.4
217.0	24.5	47.8
218.0	24.5	47.9
219.0	24.3	47.5
220.0	23.9	46.5
221.0	23.6	46.1
222.0	23.2	45.6
223.0	22.8	44.7
224.0	22.5	44.3
225.0	22.4	45.0
226.0	22.6	46.7
227.0	22.5	47.4
228.0	22.5	48.6
229.0	22.4	49.2
230.0	21.9	48.0
231.0	21.9	48.5
232.0	21.9	49.2
233.0	22.0	50.1
234.0	22.0	50.8
235.0	22.0	51.3
236.0	21.8	50.5
237.0	21.3	49.0
238.0	21.1	48.7
239.0	21.0	48.5
240.0	20.7	47.8
241.0	20.4	46.7
242.0	19.9	44.7
243.0	19.4	42.5
244.0	19.2	41.9
245.0	19.1	41.7
246.0	19.1	42.1
247.0	19.1	42.0
248.0	19.2	42.7
249.0	19.5	44.2
250.0	19.8	45.4
251.0	19.5	44.5
252.0	19.2	43.6
253.0	18.7	41.9
254.0	18.1	39.7
255.0	18.1	39.9
256.0	18.2	40.8
257.0	18.5	42.4
258.0	18.8	43.8
259.0	18.8	44.6
260.0	18.8	44.7
261.0	19.1	45.9
262.0	19.5	47.6

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

263.0	20.1	50.0
264.0	20.3	51.0
265.0	20.1	49.7
266.0	19.9	48.5
267.0	20.0	48.7
268.0	20.1	49.3
269.0	20.4	50.2
270.0	20.3	49.8
271.0	20.1	47.7
272.0	20.1	46.4
273.0	19.9	44.7
274.0	19.8	43.1
275.0	19.6	41.6
276.0	19.4	39.7
277.0	19.2	38.1
278.0	19.0	36.4
279.0	18.7	34.7
280.0	18.7	33.9
281.0	19.2	34.8
282.0	19.6	35.3
283.0	19.7	34.8
284.0	19.7	33.8
285.0	19.6	32.6
286.0	19.8	32.9
287.0	20.5	34.5
288.0	21.3	36.4
289.0	21.9	38.0
290.0	22.9	40.8
291.0	23.5	42.2
292.0	24.1	43.3
293.0	24.8	44.9
294.0	25.4	46.1
295.0	25.8	46.8
296.0	26.6	48.7
297.0	27.4	50.7
298.0	28.2	53.0
299.0	29.0	54.9
300.0	29.3	55.1
301.0	29.5	55.9
302.0	29.7	56.2
303.0	29.9	56.8
304.0	29.9	56.6
305.0	29.6	55.1
306.0	30.0	56.7
307.0	30.5	58.2
308.0	31.4	62.0
309.0	32.5	66.9
310.0	33.4	70.4
311.0	33.6	71.6
312.0	33.3	70.0
313.0	32.5	66.7
314.0	32.3	65.7
315.0	32.7	67.4
316.0	33.4	70.7
317.0	34.8	77.0
318.0	35.2	78.8
319.0	34.6	76.1

Cross Hill, SC APP F(50,50) 60.0 dBu 3 Second Data

320.0	33.1	69.0
321.0	32.1	64.6
322.0	32.0	64.2
323.0	31.9	63.8
324.0	31.5	62.0
325.0	30.5	57.7
326.0	29.8	54.9
327.0	29.3	52.9
328.0	29.0	51.7
329.0	29.1	52.3
330.0	29.1	52.0
331.0	28.9	51.5
332.0	29.1	52.2
333.0	29.7	54.3
334.0	30.3	56.6
335.0	30.8	59.1
336.0	31.2	60.4
337.0	31.5	61.9
338.0	32.1	64.5
339.0	33.1	69.2
340.0	33.6	71.5
341.0	33.9	72.8
342.0	34.1	73.8
343.0	33.8	72.5
344.0	33.6	71.6
345.0	33.0	68.6
346.0	32.5	66.4
347.0	32.5	66.6
348.0	32.9	68.5
349.0	33.9	72.7
350.0	35.1	78.6
351.0	36.5	85.6
352.0	36.7	86.4
353.0	35.5	80.6
354.0	34.8	77.2
355.0	34.1	73.6
356.0	33.4	70.4
357.0	33.1	69.0
358.0	32.9	68.4
359.0	32.5	66.3

Average HAAT for radials shown: 60.1 m

Cross Hill, SC APP F(50,10) 54.0 dBu 3 Second Data

Call Letters: Cross Hill, SC APP
File Number: BNPED20071015AGW
Latitude: 34-16-03 N
Longitude: 082-04-59 W
ERP: 25.00 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 225.0 m
Elevation: 174.0 m
HAAT: 63.0 m
Horiz. Antenna Pattern: Directional

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 10.0 %
of Radials Calculated: 360
Field Strength: 54.00 dBuV/m

Primary Terrain: 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	52.0	64.1
1.0	52.2	64.9
2.0	53.2	68.4
3.0	53.3	68.7
4.0	52.2	64.9
5.0	51.2	61.5
6.0	50.3	58.6
7.0	48.8	54.6
8.0	47.8	52.2
9.0	47.3	51.2
10.0	47.3	51.3
11.0	46.8	50.2
12.0	46.5	49.4
13.0	46.2	49.0
14.0	46.0	48.5
15.0	45.7	47.9
16.0	45.7	47.8
17.0	45.2	46.8
18.0	45.5	47.4
19.0	45.8	48.1
20.0	46.0	48.5
21.0	46.3	49.2
22.0	46.5	49.5
23.0	46.7	49.9
24.0	46.9	50.4
25.0	46.4	49.3
26.0	46.7	49.9
27.0	47.3	51.1
28.0	47.9	52.6
29.0	48.8	54.6
30.0	49.3	55.9
31.0	49.7	57.0
32.0	49.4	56.2
33.0	49.0	55.1
34.0	49.3	55.8

Cross Hill, SC APP F(50,10) 54.0 dBu 3 Second Data

35.0	49.5	56.5
36.0	49.4	56.2
37.0	49.4	56.1
38.0	49.6	56.7
39.0	50.0	57.8
40.0	50.4	58.9
41.0	49.8	57.3
42.0	48.7	54.4
43.0	48.3	53.4
44.0	48.0	52.9
45.0	47.7	52.0
46.0	47.4	51.4
47.0	47.7	52.1
48.0	48.1	53.0
49.0	48.5	53.8
50.0	48.7	54.3
51.0	48.3	53.6
52.0	48.4	53.6
53.0	48.7	54.4
54.0	48.9	55.0
55.0	49.2	55.6
56.0	49.4	56.1
57.0	49.6	56.6
58.0	49.9	57.5
59.0	50.0	57.9
60.0	50.1	58.0
61.0	50.2	58.9
62.0	50.5	60.4
63.0	50.6	61.3
64.0	50.6	61.7
65.0	50.6	62.3
66.0	50.5	62.6
67.0	50.4	62.8
68.0	50.4	63.3
69.0	50.5	64.2
70.0	50.5	65.0
71.0	50.2	65.9
72.0	50.1	67.3
73.0	49.8	68.1
74.0	49.3	68.5
75.0	48.7	68.6
76.0	48.1	68.6
77.0	47.6	68.8
78.0	47.1	69.6
79.0	46.8	70.6
80.0	46.2	70.8
81.0	45.6	70.6
82.0	45.2	70.8
83.0	44.7	71.1
84.0	44.2	71.0
85.0	43.4	70.1
86.0	42.6	69.0
87.0	41.9	68.6
88.0	41.4	68.9
89.0	41.0	69.4
90.0	40.9	70.9
91.0	40.9	72.9

Cross Hill, SC APP F(50,10) 54.0 dBu 3 Second Data

92.0	40.8	74.1
93.0	40.4	74.5
94.0	40.0	74.7
95.0	39.6	75.1
96.0	39.0	74.8
97.0	38.1	73.3
98.0	37.3	71.9
99.0	36.7	71.8
100.0	36.2	72.1
101.0	35.9	72.2
102.0	35.7	72.5
103.0	35.5	73.1
104.0	35.4	74.3
105.0	35.5	76.0
106.0	35.6	78.2
107.0	35.9	80.7
108.0	35.8	82.1
109.0	35.7	83.4
110.0	35.6	84.6
111.0	36.1	85.6
112.0	36.7	87.0
113.0	37.1	87.7
114.0	37.3	87.6
115.0	37.5	87.1
116.0	37.9	87.8
117.0	38.4	89.0
118.0	38.7	89.5
119.0	38.9	89.0
120.0	38.6	86.7
121.0	38.5	84.4
122.0	38.5	82.0
123.0	38.3	79.4
124.0	38.2	76.8
125.0	38.0	74.3
126.0	38.0	72.4
127.0	38.2	71.4
128.0	38.4	70.6
129.0	38.7	69.9
130.0	39.1	69.9
131.0	39.9	70.8
132.0	40.8	72.0
133.0	41.3	71.9
134.0	41.3	69.9
135.0	41.6	69.0
136.0	42.3	69.7
137.0	43.1	70.8
138.0	43.9	71.9
139.0	44.5	72.0
140.0	44.7	71.2
141.0	44.5	70.3
142.0	44.5	70.4
143.0	44.7	71.1
144.0	44.9	71.9
145.0	45.3	73.3
146.0	45.3	73.4
147.0	45.1	72.6
148.0	44.9	72.0

Cross Hill, SC APP F(50,10) 54.0 dBu 3 Second Data

149.0	44.9	71.8
150.0	45.0	72.1
151.0	44.7	72.8
152.0	44.4	73.6
153.0	44.1	74.2
154.0	43.4	73.4
155.0	42.6	72.4
156.0	41.7	70.9
157.0	41.0	70.3
158.0	40.5	70.3
159.0	40.0	70.2
160.0	39.7	71.0
161.0	40.0	72.2
162.0	40.3	73.4
163.0	40.2	73.1
164.0	40.1	72.8
165.0	40.1	72.4
166.0	40.0	72.2
167.0	40.0	72.3
168.0	40.0	72.3
169.0	39.9	72.0
170.0	39.8	71.5
171.0	39.9	71.2
172.0	40.1	71.1
173.0	40.3	70.9
174.0	40.3	70.1
175.0	40.3	69.5
176.0	40.3	68.7
177.0	40.2	67.6
178.0	40.2	66.8
179.0	40.2	66.2
180.0	40.4	66.1
181.0	41.0	66.1
182.0	41.6	66.3
183.0	41.9	65.5
184.0	42.1	64.3
185.0	42.4	63.4
186.0	42.7	62.8
187.0	43.0	61.8
188.0	43.3	61.2
189.0	43.5	60.2
190.0	43.6	58.9
191.0	43.1	57.3
192.0	42.9	56.6
193.0	42.9	56.4
194.0	43.1	56.6
195.0	43.0	56.3
196.0	42.7	55.3
197.0	42.2	53.7
198.0	42.0	53.0
199.0	41.9	52.7
200.0	42.1	53.0
201.0	42.3	53.3
202.0	41.9	52.4
203.0	41.0	50.2
204.0	40.5	49.3
205.0	40.6	49.4

Cross Hill, SC APP F(50,10) 54.0 dBu 3 Second Data

206.0	40.7	49.7
207.0	41.0	50.4
208.0	41.0	50.3
209.0	41.3	51.1
210.0	41.3	51.1
211.0	40.9	50.6
212.0	40.1	49.2
213.0	39.3	48.0
214.0	38.8	47.3
215.0	38.5	47.1
216.0	38.4	47.4
217.0	38.3	47.8
218.0	38.2	47.9
219.0	37.8	47.5
220.0	37.1	46.5
221.0	36.5	46.1
222.0	35.7	45.6
223.0	34.8	44.7
224.0	34.2	44.3
225.0	34.0	45.0
226.0	34.3	46.7
227.0	34.1	47.4
228.0	34.1	48.6
229.0	33.8	49.2
230.0	32.8	48.0
231.0	32.8	48.5
232.0	32.9	49.2
233.0	33.0	50.1
234.0	33.1	50.8
235.0	33.0	51.3
236.0	32.5	50.5
237.0	31.7	49.0
238.0	31.3	48.7
239.0	31.1	48.5
240.0	30.6	47.8
241.0	30.1	46.7
242.0	29.3	44.7
243.0	28.5	42.5
244.0	28.2	41.9
245.0	28.1	41.7
246.0	28.2	42.1
247.0	28.1	42.0
248.0	28.3	42.7
249.0	28.7	44.2
250.0	29.1	45.4
251.0	28.6	44.5
252.0	28.2	43.6
253.0	27.5	41.9
254.0	26.6	39.7
255.0	26.6	39.9
256.0	26.8	40.8
257.0	27.2	42.4
258.0	27.6	43.8
259.0	27.7	44.6
260.0	27.6	44.7
261.0	28.1	45.9
262.0	28.7	47.6

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263.0	29.5	50.0
264.0	29.9	51.0
265.0	29.6	49.7
266.0	29.2	48.5
267.0	29.4	48.7
268.0	29.6	49.3
269.0	30.0	50.2
270.0	29.9	49.8
271.0	29.6	47.7
272.0	29.6	46.4
273.0	29.4	44.7
274.0	29.2	43.1
275.0	29.0	41.6
276.0	28.6	39.7
277.0	28.4	38.1
278.0	28.0	36.4
279.0	27.7	34.7
280.0	27.7	33.9
281.0	28.4	34.8
282.0	29.0	35.3
283.0	29.2	34.8
284.0	29.2	33.8
285.0	29.0	32.6
286.0	29.5	32.9
287.0	30.7	34.5
288.0	32.1	36.4
289.0	33.4	38.0
290.0	35.3	40.8
291.0	36.5	42.2
292.0	37.7	43.3
293.0	39.1	44.9
294.0	40.2	46.1
295.0	41.2	46.8
296.0	42.6	48.7
297.0	44.1	50.7
298.0	45.7	53.0
299.0	47.1	54.9
300.0	47.8	55.1
301.0	48.2	55.9
302.0	48.5	56.2
303.0	48.8	56.8
304.0	48.8	56.6
305.0	48.4	55.1
306.0	49.1	56.7
307.0	49.8	58.2
308.0	51.2	62.0
309.0	52.7	66.9
310.0	53.7	70.4
311.0	54.0	71.6
312.0	53.6	70.0
313.0	52.7	66.7
314.0	52.4	65.7
315.0	52.9	67.4
316.0	53.8	70.7
317.0	55.4	77.0
318.0	55.8	78.8
319.0	55.2	76.1

Cross Hill, SC APP F(50,10) 54.0 dBu 3 Second Data

320.0	53.4	69.0
321.0	52.1	64.6
322.0	52.0	64.2
323.0	51.9	63.8
324.0	51.4	62.0
325.0	50.0	57.7
326.0	48.9	54.9
327.0	48.1	52.9
328.0	47.5	51.7
329.0	47.8	52.3
330.0	47.6	52.0
331.0	47.4	51.5
332.0	47.8	52.2
333.0	48.7	54.3
334.0	49.6	56.6
335.0	50.4	59.1
336.0	50.9	60.4
337.0	51.3	61.9
338.0	52.1	64.5
339.0	53.4	69.2
340.0	54.0	71.5
341.0	54.4	72.8
342.0	54.6	73.8
343.0	54.3	72.5
344.0	54.0	71.6
345.0	53.2	68.6
346.0	52.7	66.4
347.0	52.7	66.6
348.0	53.2	68.5
349.0	54.3	72.7
350.0	55.8	78.6
351.0	57.3	85.6
352.0	57.5	86.4
353.0	56.2	80.6
354.0	55.4	77.2
355.0	54.5	73.6
356.0	53.7	70.4
357.0	53.4	69.0
358.0	53.2	68.4
359.0	52.6	66.3

Average HAAT for radials shown: 60.1 m

