

**WUFT-DT CHANNEL 36 MINOR
MODIFICATION OF CONSTRUCTION
PERMIT APPLICATION TO CHANGE:
1) ANTENNA SYSTEM; 2) AZIMUTH
PATTERN; 3) BEAM TILT; 4) EFFECTIVE
RADIATED POWER; 5) ANTENNA HEIGHT
RADIATION CENTER; AND 6) OVERALL
HEIGHT OF THE SUPPORT STRUCTURE
GAINESVILLE, FLORIDA
(BOARD OF TRUSTEES, UNIVERSITY OF FLORIDA)**

KESSLER & GEHMAN ASSOCIATES, INC.
TELECOMMUNICATIONS CONSULTING ENGINEERS

20030904

Prepared by William T. Godfrey

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ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH A MINOR MODIFICATION OF CONSTRUCTION PERMIT APPLICATION TO MAKE CHANGES TO THE BOARD OF TRUSTEES, UNIVERSITY OF FLORIDA (“BTUF”) DIGITAL BROADCAST FACILITY, WUFT-DT CHANNEL 36, GAINESVILLE, FLORIDA.

The firm Kessler and Gehman Associates, Inc. was retained by the Board of Trustees, University of Florida (“BTUF”), Gainesville, Florida to prepare engineering studies and the engineering portion of a minor modification of construction permit application which requests FCC authorization to make the following changes: 1) change antenna systems; 2) change azimuth pattern; 3) change beam tilt; 4) increase effective radiated power (“ERP”); 5) increase antenna height radiation center; and 6) decrease overall height of support structure.

Discussion

The BTUF currently has a construction permit (BPEDT-20000420ABC) to build and operate WUFT-DT on DTV Channel 36 with an ERP of 938 kW at an antenna height radiation center of 190 meters above ground level (“AGL”) using a Dielectric model TFU-24DSC-R C170 D36 directional (cardioid), side-mount antenna. The BTUF is licensed to operate WUFT-TV on NTSC Channel 5 with an ERP of 100 kW at an antenna height radiation center of 251 meters AGL using a RCA model TT-30FL nondirectional antenna. The BTUF was allotted Channel 36 for their digital operation (BLET311) with a 1,000 kW ERP in all azimuthal directions (nondirectional) and a 262 meter antenna height radiation center above average terrain (“AAT”).

The technology with respect to antennas has changed significantly since the year 2000 when the BTUF filed an application for a DTV construction permit (“CP”). The original plan was to leave the existing NTSC Channel 5 top-mount antenna alone and side-mount a UHF Channel 36 DTV antenna. Now the BTUF has an option to purchase a top-mount VHF/UHF antenna that would allow them to broadcast their DTV and NTSC signals from one antenna and reduce the overall tower loading by eliminating the side-mount DTV antenna all together. Therefore, this minor modification of construction permit application requests authority to make the following changes: 1) change antenna systems from the authorized Dielectric model TFU-24DSC-R C170 D36 directional side-mount antenna (cardioid) to the proposed Dielectric model TUV-30GTH/4M 08/04 nondirectional, top-mount, VHF/UHF antenna; 2) change beam tilt from 0.5 degrees to 0.75 degrees; 3) increase effective radiated power from 938 kW to 1,000 kW; 4) increase antenna height radiation center above average terrain from 202 meters to 262.6 meters; and 5) decrease the overall height of the support structure (resulting from a smaller top-mount antenna). The antenna height radiation center would increase because the authorized side-mount DTV antenna would be superseded by the proposed top-mount DTV antenna. The proposed parameters would essentially be the same as the parameters authorized in the DTV Table of Allotments for WUFT-DT.

Exhibit 8 is an FCC contour map depicting the authorized F(50,90) 40.9 dBuV/m noise limited contour (blue), allotted F(50,90) 40.9 dBuV/m noise limited contour (black), and proposed F(50,90) 40.9 dBuV/m noise limited contour (red). Exhibit 8 verifies that the proposed noise limited contour would exceed the authorized noise limited contour in various azimuthal directions; however, it also shows that approximately 99% of the proposed noise limited contour would be encompassed by the allotted noise limited contour.

Exhibit 9 is a distance to contour tabulation sheet that depicts the distance in kilometers from the WUFT-DT transmitter to the edge of the allotted noise limited contour in one-degree increments. Exhibit 10 is a distance to contour tabulation sheet that depicts the distance in kilometers from the WUFT-DT transmitter to the edge of the proposed noise limited contour in one-degree increments. Exhibit 11 takes the data from Exhibits 9 and 10 and compares the distances. In the second column from the left in Exhibit 11 it can be seen that the distances to the allotted noise limited contour are depicted and the next column to the right depicts the distances to the proposed noise limited contour. The second column from the right is a “pass/fail” column where “pass” is depicted if the distance to the allotted noise limited contour for that particular radial is greater than or equal to the distance to the proposed noise limited contour. Obviously, the word “fail” is depicted if the distance to the proposed noise limited contour exceeds the distance to the allotted noise limited contour. Finally, the last column to the right shows the difference in kilometers between the two facilities. Exhibit 11 demonstrates that the proposed noise limited contour would be completely encompassed by the allotted noise limited contour in all azimuthal directions with the exception of the 182° radial and the 184° radial. At the 182° radial and the 184° radial, the proposed noise limited contour would exceed the allotted noise limited contour by 0.1 km. Therefore, interference studies are required to verify that the proposed facility would not cause unacceptable interference to any applicable surrounding full-service or Class A LPTV stations (see Exhibit 13).

Exhibit 12 is a principal community coverage map which verifies that the proposed enhanced principal community contour would encompass the entire principal community of Gainesville, FL.

Interference Studies (Waiver Requested)

The Longley-Rice interference studies were performed using a Sun Microsystems SPARC 5 computer work station loaded with the FCC’s TV Interference and Spacing Analysis software (Exhibit 13).

The interference studies depicted in Exhibit 13 verify that the proposed WUFT-DT Channel 36 station would not cause unacceptable interference to any stations. No spacing violations were found.

The proposed facility would not violate the following: 1) FCC Monitoring stations; 2) West Virginia quiet zone; 3) Table Mountain; 4) Canadian mileage spacing; 5) Mexican mileage spacing; or 6) AM broadcast stations.

The proposed WUFT-DT facility would have contour overlap with the following Class A stations as mentioned in Exhibit 13: 1) WBXG-LP (CP); 2) WBXG-LP (APP); and 3) WZXZ-LP (CP).

Exhibit 14 depicts the WBXG-LP (APP) Class A facility’s F(50,50) 74.0 dBuV/m protected contour as well as the proposed WUFT-DT facility’s F(50,10) 108 dBuV/m (third-adjacent) interfering contour. It can be seen that the proposed WUFT-DT facility’s interfering contour would indeed overlap the WBXG-LP (APP) protected contour.

Exhibit 16 depicts the WBXG-LP (CP) Class A facility’s F(50,50) 74.0 dBuV/m protected contour as well as the proposed WUFT-DT facility’s F(50,10) 108 dBuV/m (third-adjacent) interfering contour. Once again, it can be seen that the proposed WUFT-DT facility’s interfering contour would overlap the authorized WBXG-LP (CP) protected contour.

Exhibit 18 depicts the WZXZ-LP (CP) Class A facility’s F(50,50) 74.0 dBuV/m protected contour as well as the proposed WUFT-DT facility’s F(50,10) 40 dBuV/m (co-channel) interfering contour. It can be

seen that the proposed WUFT-DT facility's interfering contour would overlap the authorized WZXZ-LP (CP) protected contour.

Exhibits 14, 16 and 18 verify that the proposed WUFT-DT F(50,10) interfering contours would overlap the WBXG-LP (APP), WBXG-LP (CP) and the WZXZ-LP (CP) F(50,50) 74.0 dBuV/m protected contours. Therefore, the BTUF requests a waiver to make full use of terrain shielding and Longley-Rice terrain dependent propagation methods to demonstrate that the proposed WUFT-DT facility would not be likely to cause interference to the Class A LPTV stations.

Exhibit 15 is an inbound, Class A, Longley-Rice interference study from applicable surrounding stations, including the proposed WUFT-DT facility, to the WBXG-LP (APP) Class A application. This study was run to demonstrate that the proposed WUFT-DT Channel 36 facility would cause 0.5% interference, or less, to the WBXG-LP Class A application. In support of a request for waiver of the interference protection requirements of §73.623(c)(5)(iii), an applicant for a DTV broadcast station may make full use of terrain shielding and Longley-Rice terrain dependent propagation methods to demonstrate that the proposed facility would not be likely to cause interference to Class A TV stations. As you can see by referring to Exhibit 15, the WBXG-LP Channel 33 facility is predicted to receive 0.0% interference from all surrounding stations, including the proposed WUFT-DT Channel 36 station. Exhibit 17 is an inbound, Class A, Longley-Rice interference study from applicable surrounding stations, including the proposed WUFT-DT facility, to the authorized WBXG-LP (CP) Class A station and shows that the authorized WBXG-LP (CP) Channel 19 facility is also predicted to receive 0.0% interference from all surrounding stations, including the proposed WUFT-DT Channel 36 station.

Exhibit 19 is an inbound, Class A, Longley-Rice interference study from applicable surrounding stations, including the proposed WUFT-DT facility, to the authorized WZXZ-LP (CP) Class A facility. This study was run to demonstrate that the proposed WUFT-DT Channel 36 facility would cause 0.5% interference, or less, to the authorized WZXZ-LP (CP) Class A facility. Again, a waiver of the interference protection requirements of §73.623(c)(5)(iii), is being requested to demonstrate that the proposed facility would not be likely to cause interference to the authorized WZXZ-LP (CP) Class A LPTV station. As you can see by referring to Exhibit 19, the WZXZ-LP (CP) Channel 36 facility is predicted to receive 0.0% interference from the proposed WUFT-DT Channel 36 station. However, it is also predicted to receive 103.6% interference from WOFL-TV which seems a bit peculiar. One might think that the only reason the proposed WUFT-DT station is predicted to cause 0.0% interference to the authorized WZXZ-LP (CP) Class A station is because the interference is masked behind the 103.6% interference predicted to be caused by the licensed WOFL-TV. Exhibit 20 is a Longley-Rice, interference-free, inbound interference study map showing predicted interference from applicable surrounding stations, including the proposed WUFT-DT station, to the authorized WZXZ-LP (CP) Class A facility. It can clearly be seen that the licensed WOFL-TV station is predicted to cause massive interference to the authorized WZXZ-LP (CP) Class A facility. It appears that WZXZ-LP is going to have to displace, but as a precautionary measure, an additional inbound Longley-Rice interference study to the authorized WZXZ-LP (CP) Class A station from only the proposed WUFT-DT station was run. This study eliminated all masking data and provided a worst-case interference percentage from the proposed WUFT-DT station to the authorized WZXZ-LP Class A station (See Exhibit 21).

Exhibit 21 is an inbound Longley-Rice interference study to the authorized WZXZ-LP (CP) Class A station from only the proposed WUFT-DT station. This study is a worst-case interference study which shows that the proposed WUFT-DT station is predicted to cause 0.0% interference to the authorized WZXZ-LP (CP) Class A station.

Therefore, based on a waiver of the interference protection requirements of §73.623(c)(5)(iii), to make full use of terrain shielding and Longley-Rice terrain dependent propagation methods to demonstrate that the proposed facility would not be likely to cause interference to Class A TV stations, it has been shown that the proposed WUFT-DT Channel 36 facility would not introduce any new interference to the WBXG-LP (APP), WBXG-LP (CP) or WZZZ-LP (CP) Class A stations and accordingly, complies with the FCC's rules with respect to Class A station protection.

Transmitter Site

The proposed WUFT-DT antenna is a top-mount Dielectric model TUV-30GTH/4M 08/04 horizontally polarized, nondirectional, VHF/UHF antenna (VHF to be used for NTSC). The tower is registered with the FCC and the registration number is 1029807. The support structure is located at 4732 NW 53rd street Gainesville, FL. The proposed antenna height radiation center is 246.3 meters AGL. The height of the support structure will be decreased from the authorized overall height of 264.9 meters AGL to 257.2 meters AGL and an application shall be filed with the FAA to officially change the overall height of the support structure. The FCC antenna structure registration shall also be modified to make the appropriate update once the FAA has approved the decrease in height.

Exhibits

Exhibits 1 and 2 represent WUFT-DT's administration data, antenna and antenna structure specifications.

Exhibit 3 depicts the profile view of the proposed antenna on the antenna structure with all the appropriate elevations.

Exhibits 4 and 5 display the elevation pattern and Exhibit 6 displays the elevation pattern tabulation.

Exhibit 7 depicts the location of the WUFT-DT site on a 7.5-Minute (Series) Topographic map.

Exhibit 8 depicts the WUFT-DT Channel 36 authorized, allotted and proposed noise limited contours and identifies the areas where the proposed pattern would exceed the authorized pattern and slightly exceed the allotted pattern.

Exhibit 9 is a distance to contour tabulation sheet that depicts the distance in kilometers from the WUFT-DT transmitter to the edge of the allotted noise limited contour in one-degree increments.

Exhibit 10 is a distance to contour tabulation sheet that depicts the distance in kilometers from the WUFT-DT transmitter to the edge of the proposed noise limited contour in one-degree increments.

Exhibit 11 uses the data from Exhibits 9 and 10 and identifies where the proposed noise limited contour exceeds the authorized and/or allotted noise limited contours.

Exhibit 12 depicts the proposed WUFT-DT protected noise limited contour and enhanced principal community contour, boundaries of the principal community to be served, and the transmitting location with radials every 45°.

Exhibit 13 is a detailed Longley-Rice interference study of proposed WUFT-DT Channel 36 station to all applicable surrounding stations.

Exhibit 14 depicts the WBXG-LP (APP) Class A facility's F(50,50) 74.0 dBuV/m protected contour as well as the proposed WUFT-DT facility's F(50,10) 108 dBuV/m (third-adjacent) interfering contour.

Exhibit 15 is an inbound, Class A, Longley-Rice interference study from applicable surrounding stations, including the proposed WUFT-DT facility, to the WBXG-LP (APP) Class A application.

Exhibit 16 depicts the WBXG-LP (CP) Class A facility's F(50,50) 74.0 dBuV/m protected contour as well as the proposed WUFT-DT facility's F(50,10) 108 dBuV/m (third-adjacent) interfering contour.

Exhibit 17 is an inbound, Class A, Longley-Rice interference study from applicable surrounding stations, including the proposed WUFT-DT facility, to the authorized WBXG-LP (CP) Class A station.

Exhibit 18 depicts the WZXZ-LP (CP) Class A facility's F(50,50) 74.0 dBuV/m protected contour as well as the proposed WUFT-DT facility's F(50,10) 40 dBuV/m (co-channel) interfering contour.

Exhibit 19 is an inbound, Class A, Longley-Rice interference study from applicable surrounding stations, including the proposed WUFT-DT facility, to the authorized WZXZ-LP (CP) Class A facility.

Exhibit 20 is a Longley-Rice, interference-free, inbound interference study map showing predicted interference from applicable surrounding stations, including the proposed WUFT-DT station, to the authorized WZXZ-LP (CP) Class A facility.

Exhibit 21 is an inbound Longley-Rice interference study to the authorized WZXZ-LP (CP) Class A station from only the proposed WUFT-DT station.

Environmental Impact

The proposed construction would have no significant environmental impact as defined in §1.1307 of the FCC Rules. The DTV transmitter, 7-3/16 inch (75-ohm) EIA/DCA transmission line and antenna system would produce an ERP of 1,000 kW. It was determined that the maximum lobe of radiation from the base of the tower out to approximately 1,388.2 feet would occur at approximately 561.2 feet from the base of the tower. At approximately 561.2 feet from the base of the tower, the depression angle of the main lobe would be 55° below the horizontal. At that point, the relative field would be 0.054 and the power density six feet above the ground would be 0.00163 mW/cm². This is only 0.081% of the maximum permissible exposure ("MPE") limits for Occupational/Controlled Exposure and only 0.405% of the MPE limits for General Population/Uncontrolled Exposure authorized by the American National Standards Institute ("ANSI"). Since the proposed operation of WUFT-DT Channel 36 would not exceed 5.0% of the MPE limit for Occupational/Controlled Exposure or General Population/Uncontrolled Exposure at any point on the ground, WUFT-DT would not be 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 applicant 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.

Certification

This technical statement was prepared by William T. Godfrey, Telecommunications 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.



WILLIAM T. GODFREY
Telecommunications Consultant

05 September, 2003

WUFT-DT Channel 36
Gainesville, Florida

ENGINEERING SPECIFICATIONS

A. Transmitter Site:

Geographic coordinates (NAD27):

North Latitude	29° 42' 34"
West Longitude	82° 23' 40"

Transmitter Site Address: **4732 NW 53RD Street, Gainesville, Florida.**

**B. Main Studio Site Address: **2200 Weimer Hall, University of Florida,
Gainesville, Florida 32611.****

Proposed Facility:

DTV Channel	Number	36
	Frequency	602-608 MHz

C. Antenna Height:

Height of Site Above Mean Sea Level (AMSL)	54.9 M
Overall Height of Structure Above Ground	257.2 M
(including all appurtenances)	
Overall Height of Structure Above Mean Sea Level	312.1 M
(including all appurtenances)	
Height of Site Above Average Terrain	16.3 M
Antenna Height Radiation Center (R/C) Above Ground	246.3 M
Antenna Height R/C Above Mean Sea Level	301.2 M
Average of All Non-Odd Radials	38.6 M
Antenna Height R/C Above Average Terrain	262.6 M

D. System Parameters – Horizontal Polarization:

Transmitter Power Required:	48.5 kW
Maximum Power Input to Antenna:	37.8 kW
Transmission Line Loss:	0.89 dB
Combiner & Splitter Loss:	0.20 dB
Total System Loss:	1.09 dB
Transmission Line Efficiency:	81.5%
Combiner & Splitter Efficiency:	95.5%
Total System Efficiency:	77.8%
Maximum Antenna Gain in Beam Maximum:	14.23 dB
Maximum Antenna Gain in Horizontal Plane:	12.62 dB
Maximum Effective Radiated Power:	30.00 dBk
In Beam Maximum:	1,000 kW
Maximum Effective Radiated Power:	28.39 dBk
In Horizontal Plane:	690.2 kW

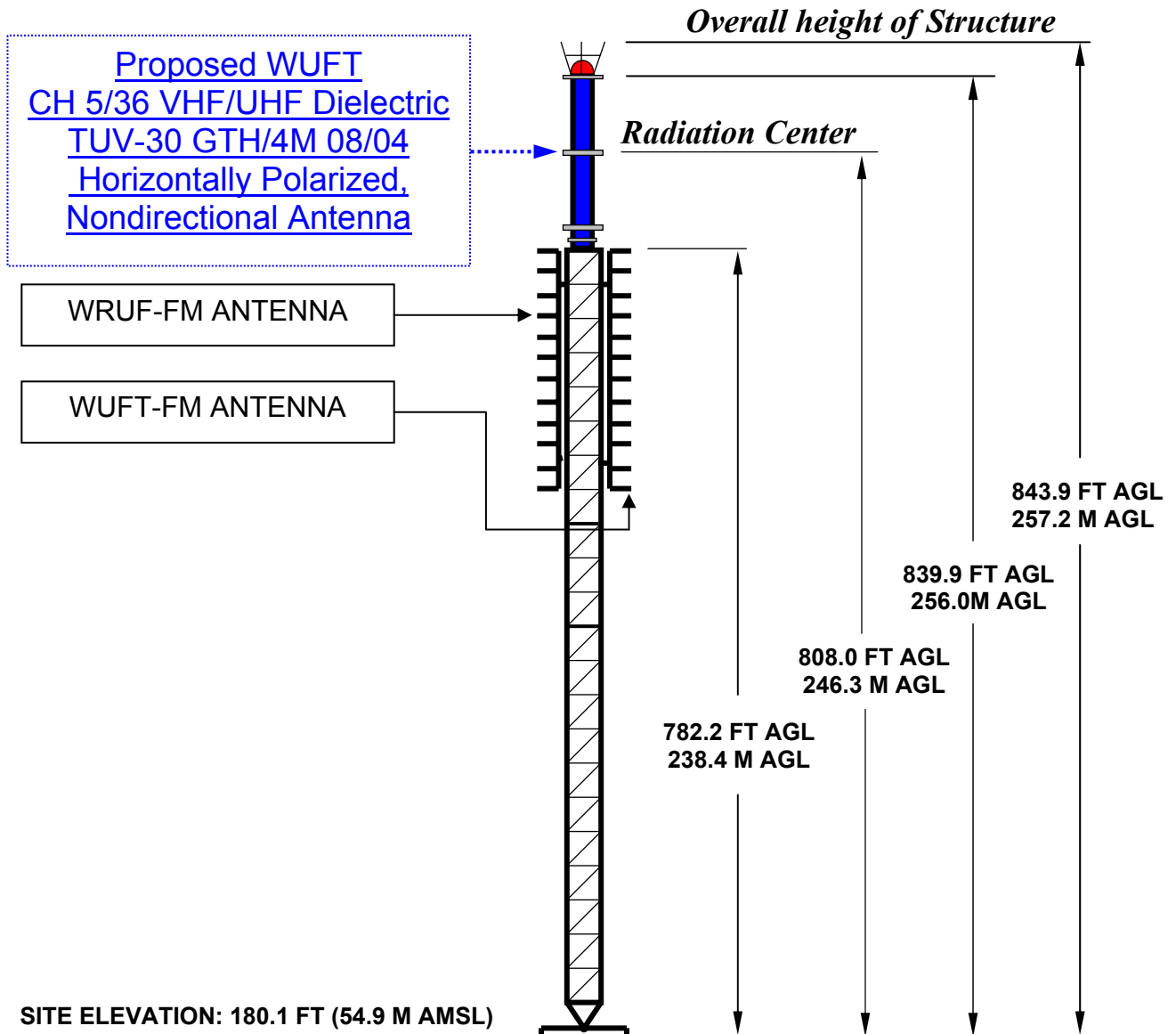
WUFT-DT Channel 36
Gainesville, Florida

**DATA FOR PROPOSED NONDIRECTIONAL
TRANSMITTING ANTENNA**

- A. **Antenna:** Dielectric Model TUV-30GTH/4M 08/04, Horizontally Polarized, Nondirectional, Top-mount, UHF/VHF Antenna.
- B. **Electrical Beam Tilt:** 0.75°
- C. **Mechanical Beam Tilt:** None
- D.

<u>Maximum Power Gain</u>	<u>Horizontal Polarization</u>
Maximum: 26.5	(14.23 dB)
Horizontal: 18.3	(12.62 dB)
- E. **Length:** 57.7 feet (17.6 meters) not including lightning protector.
- F. **Transmitter Power Output:** 48.5 kW
- G. **Null Fill:** 10.3%
- H. **Transmission Line:** 7-3/16" 75-ohm EIA/DCA
- I. **Transmission Line Loss:** 0.103 dB/100-feet
- J. **Total Transmission Line:** 860 feet (262.1 meters)
- K. **Transmission Line Attenuation:** 0.89 dB
- L. **Combiner & Splitter Loss:** 0.20 dB
- M. **Total Antenna System Loss:** 1.09 dB

ELEVATION VIEW



OVERALL HEIGHT AGL: 257.2 M
OVERALL HEIGHT AMSL: 312.1 M
RADIATION CENTER AGL: 246.3 M
RADIATION CENTER AMSL: 301.2 M
RADIATION CENTER HAAT: 262.6 M
AVG OF ALL NON-ODD RADIALS: 38.6 M
SITE HAAT: 16.3 M

COORDINATES (NAD 27):

N. LATITUDE 29° 42' 34"

W. LONGITUDE 82° 23' 40"

Antenna Structure Registration Number:

1029807

NOTE: NOT TO SCALE

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WUFT-DT CHANNEL 36
GAINESVILLE, FLORIDA

20030902

EXHIBIT 3

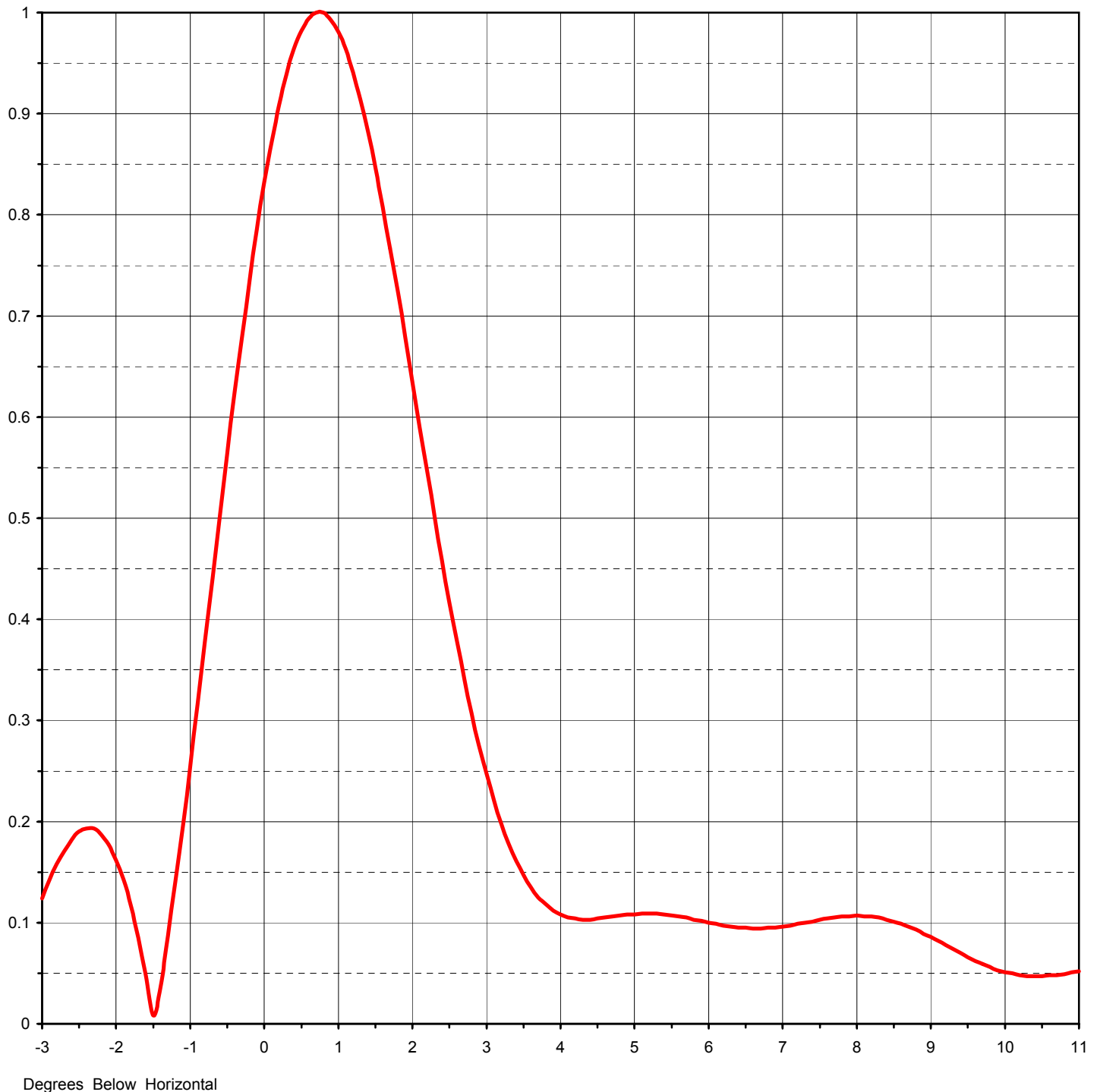


Proposal Number	DCA-10071	Revision:	1
Date	9-Oct-02		
Call Letters	WUFT-DT	Channel	36
Location	Gainesville, FL		
Customer	University of Florida		
Antenna Type	TUV-30GTH/4M 08/04		

ELEVATION PATTERN

RMS Gain at Main Lobe	26.50 (14.23 dB)
RMS Gain at Horizontal	18.30 (12.62 dB)
Calculated / Measured	Calculated

Beam Tilt	0.75 deg
Frequency	605.00 MHz
Drawing #	30G265075



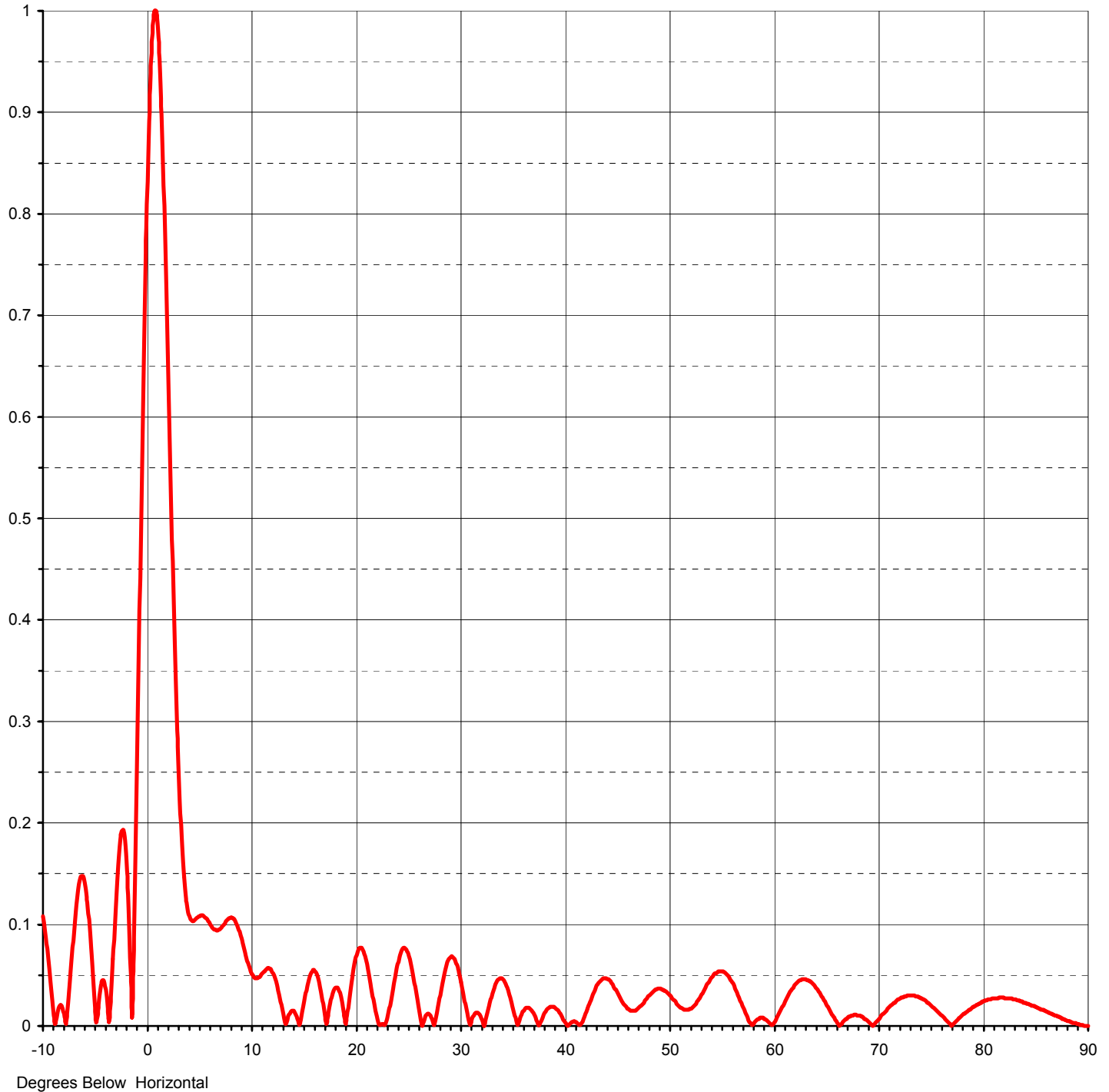


Proposal Number	DCA-10071	Revision:	1
Date	9-Oct-02		
Call Letters	WUFT-DT	Channel	36
Location	Gainesville, FL		
Customer	University of Florida		
Antenna Type	TUV-30GTH/4M 08/O4		

ELEVATION PATTERN

RMS Gain at Main Lobe	26.50 (14.23 dB)
RMS Gain at Horizontal	18.30 (12.62 dB)
Calculated / Measured	Calculated

Beam Tilt	0.75 deg
Frequency	605.00 MHz
Drawing #	30G265075-90



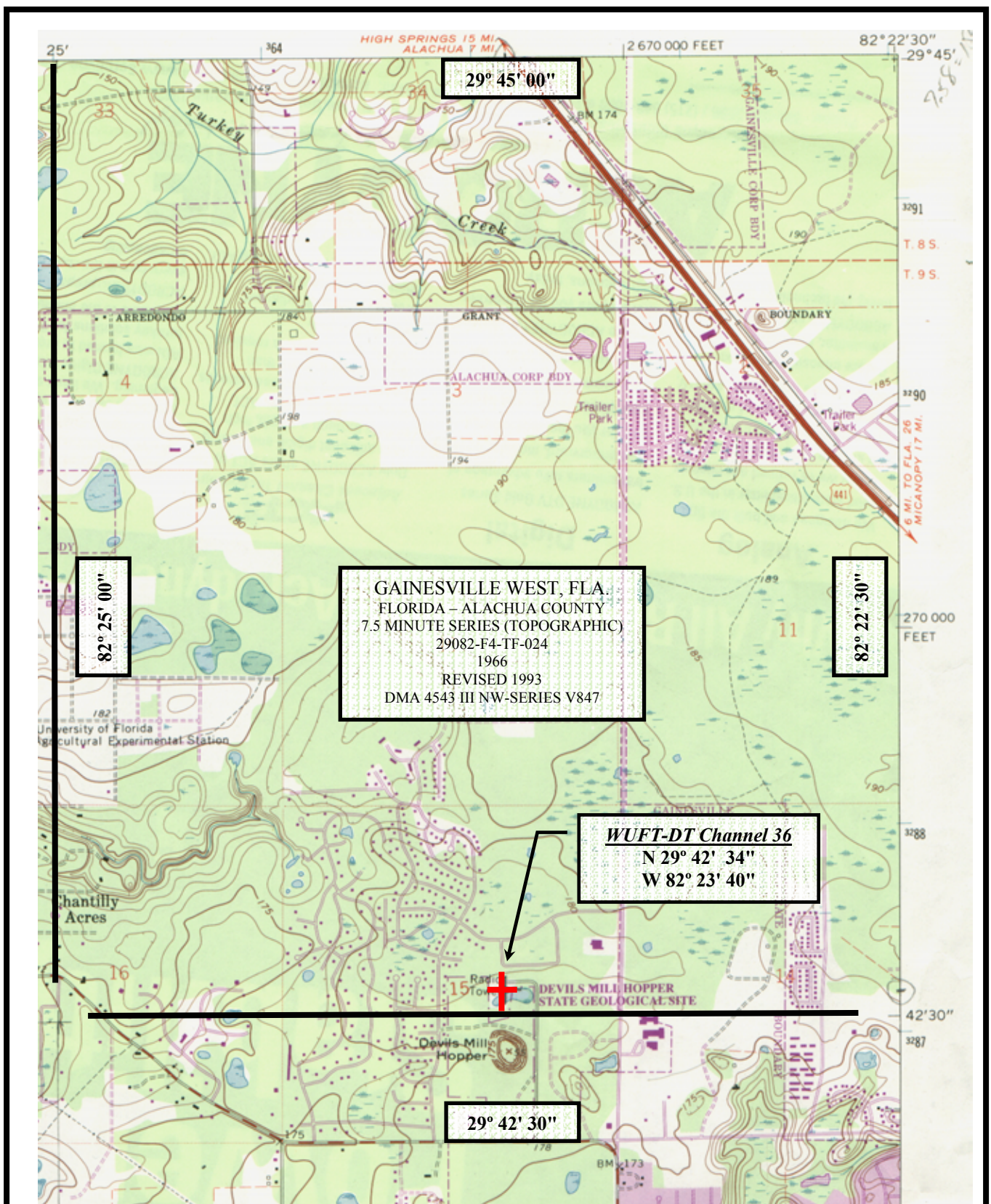


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 Location **Gainesville, FL**
 Customer **University of Florida**
 Antenna Type **TUV-30GTH/4M 08/O4**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **30G265075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.108	2.4	0.458	10.6	0.047	30.5	0.022	51.0	0.019	71.5	0.023
-9.5	0.066	2.6	0.378	10.8	0.048	31.0	0.001	51.5	0.016	72.0	0.027
-9.0	0.015	2.8	0.307	11.0	0.051	31.5	0.013	52.0	0.017	72.5	0.029
-8.5	0.018	3.0	0.247	11.5	0.056	32.0	0.009	52.5	0.021	73.0	0.030
-8.0	0.012	3.2	0.198	12.0	0.054	32.5	0.008	53.0	0.029	73.5	0.029
-7.5	0.034	3.4	0.161	12.5	0.040	33.0	0.028	53.5	0.038	74.0	0.027
-7.0	0.096	3.6	0.135	13.0	0.016	33.5	0.043	54.0	0.047	74.5	0.024
-6.5	0.142	3.8	0.118	13.5	0.006	34.0	0.047	54.5	0.052	75.0	0.020
-6.0	0.141	4.0	0.108	14.0	0.015	34.5	0.038	55.0	0.054	75.5	0.015
-5.5	0.092	4.2	0.104	14.5	0.005	35.0	0.020	55.5	0.051	76.0	0.010
-5.0	0.018	4.4	0.103	15.0	0.019	35.5	0.001	56.0	0.044	76.5	0.005
-4.5	0.037	4.6	0.105	15.5	0.044	36.0	0.014	56.5	0.033	77.0	0.001
-4.0	0.036	4.8	0.107	16.0	0.055	36.5	0.018	57.0	0.020	77.5	0.006
-3.5	0.028	5.0	0.108	16.5	0.044	37.0	0.013	57.5	0.009	78.0	0.011
-3.0	0.124	5.2	0.109	17.0	0.015	37.5	0.001	58.0	0.001	78.5	0.015
-2.8	0.158	5.4	0.108	17.5	0.018	38.0	0.011	58.5	0.007	79.0	0.019
-2.6	0.182	5.6	0.106	18.0	0.037	38.5	0.018	59.0	0.008	79.5	0.022
-2.4	0.193	5.8	0.103	18.5	0.033	39.0	0.019	59.5	0.004	80.0	0.024
-2.2	0.187	6.0	0.100	19.0	0.005	39.5	0.013	60.0	0.002	80.5	0.026
-2.0	0.162	6.2	0.097	19.5	0.034	40.0	0.005	60.5	0.012	81.0	0.027
-1.8	0.116	6.4	0.095	20.0	0.066	40.5	0.002	61.0	0.022	81.5	0.028
-1.6	0.049	6.6	0.094	20.5	0.077	41.0	0.004	61.5	0.032	82.0	0.027
-1.4	0.037	6.8	0.095	21.0	0.065	41.5	0.001	62.0	0.040	82.5	0.027
-1.2	0.140	7.0	0.096	21.5	0.038	42.0	0.012	62.5	0.045	83.0	0.026
-1.0	0.255	7.2	0.099	22.0	0.011	42.5	0.025	63.0	0.046	83.5	0.024
-0.8	0.378	7.4	0.101	22.5	0.002	43.0	0.038	63.5	0.044	84.0	0.023
-0.6	0.503	7.6	0.104	23.0	0.006	43.5	0.045	64.0	0.039	84.5	0.021
-0.4	0.624	7.8	0.106	23.5	0.031	44.0	0.047	64.5	0.029	85.0	0.019
-0.2	0.735	8.0	0.107	24.0	0.059	44.5	0.042	65.0	0.020	85.5	0.016
0.0	0.832	8.2	0.106	24.5	0.076	45.0	0.034	65.5	0.011	86.0	0.014
0.2	0.909	8.4	0.103	25.0	0.072	45.5	0.024	66.0	0.003	86.5	0.012
0.4	0.964	8.6	0.099	25.5	0.051	46.0	0.017	66.5	0.004	87.0	0.010
0.6	0.994	8.8	0.093	26.0	0.021	46.5	0.015	67.0	0.008	87.5	0.007
0.8	1.000	9.0	0.086	26.5	0.004	47.0	0.017	67.5	0.010	88.0	0.005
1.0	0.981	9.2	0.078	27.0	0.012	47.5	0.022	68.0	0.010	88.5	0.003
1.2	0.941	9.4	0.070	27.5	0.001	48.0	0.029	68.5	0.008	89.0	0.002
1.4	0.882	9.6	0.062	28.0	0.024	48.5	0.034	69.0	0.004	89.5	0.001
1.6	0.808	9.8	0.059	28.5	0.051	49.0	0.037	69.5	0.001	90.0	0.000
1.8	0.725	10.0	0.053	29.0	0.067	49.5	0.035	70.0	0.007		
2.0	0.635	10.2	0.050	29.5	0.066	50.0	0.031	70.5	0.013		
2.2	0.545	10.4	0.047	30.0	0.048	50.5	0.025	71.0	0.019		



<p>KESSLER & GEHMAN TELECOMMUNICATIONS CONSULTING ENGINEERS 507 N.W. 60th Street, Suite C Gainesville, Florida 32607</p>	<p>WUFT-DT CHANNEL 36 GAINESVILLE, FLORIDA</p> <p>20030903</p> <p>EXHIBIT 7</p>
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WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

Transmitter Information:

Call Letters: WUFT-DT ALLOT
File Number: BLET311
Latitude: 29-42-34 N
Longitude: 082-23-40 W
ERP: 1000.00 kW
Channel: 36
Frequency: 605.0 MHz
AMSL Height: 306.0 m
Elevation: 49.0 m
HAAT: 262.0 m

Type of curve: FCC
Location Variability: 50.0 %
Time Variability: 90.0 %
Field Strength: 40.86 dBuV/m

Primary Terrain: V-Soft US 3 Arc-Second Database

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	91.8	260.1
1.0	91.8	260.3
2.0	91.8	260.4
3.0	91.8	260.5
4.0	91.9	260.9
5.0	91.9	261.1
6.0	92.0	261.4
7.0	92.0	261.5
8.0	92.0	261.6
9.0	92.0	261.9
10.0	92.1	262.3
11.0	92.1	262.1
12.0	92.0	261.8
13.0	92.0	261.5
14.0	92.0	261.6
15.0	92.0	261.6
16.0	92.0	261.6
17.0	92.0	261.6
18.0	92.0	261.5
19.0	91.9	261.2
20.0	91.9	261.1
21.0	92.0	261.4
22.0	92.0	261.6
23.0	92.0	261.8
24.0	92.0	261.8
25.0	92.0	261.7
26.0	92.0	261.6
27.0	92.0	261.4
28.0	92.0	261.4

WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

29.0	91.9	261.2
30.0	91.9	261.2
31.0	91.9	261.2
32.0	91.9	261.2
33.0	91.9	261.2
34.0	91.9	261.1
35.0	91.9	261.2
36.0	91.9	261.1
37.0	91.9	260.8
38.0	91.9	260.7
39.0	91.8	260.6
40.0	91.8	260.5
41.0	91.8	260.5
42.0	91.8	260.3
43.0	91.8	260.3
44.0	91.8	260.1
45.0	91.8	260.0
46.0	91.7	259.9
47.0	91.7	259.9
48.0	91.7	259.6
49.0	91.7	259.4
50.0	91.6	259.0
51.0	91.6	258.8
52.0	91.5	258.5
53.0	91.5	258.3
54.0	91.5	258.0
55.0	91.4	257.8
56.0	91.4	257.5
57.0	91.3	257.0
58.0	91.2	256.5
59.0	91.2	256.1
60.0	91.1	255.8
61.0	91.1	255.6
62.0	91.1	255.4
63.0	91.0	255.2
64.0	91.0	255.0
65.0	91.0	254.8
66.0	91.0	254.8
67.0	91.0	255.1
68.0	91.1	255.3
69.0	91.1	255.5
70.0	91.1	255.7
71.0	91.2	256.0
72.0	91.2	256.4
73.0	91.3	256.8
74.0	91.4	257.2
75.0	91.4	257.8
76.0	91.5	258.4
77.0	91.6	258.8
78.0	91.6	259.0
79.0	91.6	259.1
80.0	91.6	258.8
81.0	91.6	258.8
82.0	91.6	258.8
83.0	91.5	258.2
84.0	91.4	257.6
85.0	91.3	257.2

WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

86.0	91.3	257.2
87.0	91.4	257.6
88.0	91.5	258.1
89.0	91.6	259.0
90.0	91.7	260.0
91.0	91.9	260.8
92.0	92.0	261.5
93.0	92.1	262.4
94.0	92.2	263.2
95.0	92.3	263.8
96.0	92.3	264.2
97.0	92.4	264.6
98.0	92.4	264.8
99.0	92.4	264.8
100.0	92.4	264.7
101.0	92.3	264.5
102.0	92.3	264.4
103.0	92.3	264.2
104.0	92.2	263.9
105.0	92.2	263.7
106.0	92.2	263.8
107.0	92.3	264.1
108.0	92.3	264.4
109.0	92.3	264.8
110.0	92.4	265.0
111.0	92.4	265.0
112.0	92.4	265.0
113.0	92.4	265.1
114.0	92.4	265.1
115.0	92.4	265.1
116.0	92.3	265.1
117.0	92.3	265.0
118.0	92.3	264.9
119.0	92.3	264.8
120.0	92.3	264.7
121.0	92.2	264.6
122.0	92.2	264.6
123.0	92.2	264.5
124.0	92.1	263.9
125.0	92.1	263.7
126.0	92.1	264.0
127.0	92.2	264.5
128.0	92.3	265.0
129.0	92.4	265.8
130.0	92.5	266.7
131.0	92.6	267.7
132.0	92.7	268.3
133.0	92.7	268.4
134.0	92.7	268.6
135.0	92.8	269.0
136.0	92.9	269.6
137.0	93.0	270.4
138.0	93.1	271.2
139.0	93.2	272.0
140.0	93.3	272.7
141.0	93.4	273.8
142.0	93.6	275.4

WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

143.0	93.9	277.1
144.0	94.0	277.9
145.0	94.0	278.4
146.0	94.1	278.8
147.0	94.1	279.4
148.0	94.2	280.1
149.0	94.3	280.5
150.0	94.3	280.7
151.0	94.3	280.9
152.0	94.3	281.2
153.0	94.4	281.5
154.0	94.4	281.7
155.0	94.4	281.7
156.0	94.4	281.7
157.0	94.3	281.6
158.0	94.3	281.3
159.0	94.3	281.2
160.0	94.2	280.9
161.0	94.2	280.7
162.0	94.2	280.6
163.0	94.1	280.5
164.0	94.1	280.6
165.0	94.1	280.6
166.0	94.1	280.7
167.0	94.1	280.7
168.0	94.1	280.7
169.0	94.1	280.7
170.0	94.1	280.9
171.0	94.2	281.7
172.0	94.3	282.5
173.0	94.4	282.8
174.0	94.4	282.9
175.0	94.3	282.9
176.0	94.3	282.8
177.0	94.3	282.6
178.0	94.2	281.7
179.0	94.1	281.3
180.0	94.1	281.1
181.0	94.1	281.4
182.0	94.1	281.7
183.0	94.2	282.1
184.0	94.2	282.2
185.0	94.3	282.3
186.0	94.3	282.3
187.0	94.3	282.3
188.0	94.3	282.3
189.0	94.2	281.9
190.0	94.2	281.4
191.0	94.1	280.9
192.0	94.0	280.4
193.0	94.0	279.9
194.0	93.9	279.4
195.0	93.9	279.0
196.0	93.8	278.7
197.0	93.8	278.4
198.0	93.8	278.2
199.0	93.8	278.2

WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

200.0	93.8	278.1
201.0	93.8	278.0
202.0	93.8	278.0
203.0	93.8	278.1
204.0	93.8	278.0
205.0	93.8	277.7
206.0	93.7	277.4
207.0	93.7	277.1
208.0	93.6	276.6
209.0	93.6	276.1
210.0	93.5	275.5
211.0	93.4	275.1
212.0	93.4	274.8
213.0	93.4	274.5
214.0	93.3	274.3
215.0	93.3	274.0
216.0	93.2	273.4
217.0	93.2	272.9
218.0	93.1	272.4
219.0	93.1	272.0
220.0	93.0	271.8
221.0	93.0	271.7
222.0	93.0	271.8
223.0	93.0	271.8
224.0	93.1	272.0
225.0	93.1	272.4
226.0	93.2	272.8
227.0	93.3	273.3
228.0	93.3	273.6
229.0	93.4	273.9
230.0	93.4	274.2
231.0	93.5	274.6
232.0	93.5	274.8
233.0	93.5	274.9
234.0	93.5	275.0
235.0	93.5	274.9
236.0	93.6	275.0
237.0	93.6	275.0
238.0	93.6	275.1
239.0	93.6	275.1
240.0	93.6	275.0
241.0	93.5	274.9
242.0	93.5	274.6
243.0	93.5	274.3
244.0	93.4	273.9
245.0	93.4	273.4
246.0	93.3	273.2
247.0	93.3	273.2
248.0	93.4	273.3
249.0	93.4	273.8
250.0	93.5	274.2
251.0	93.5	274.3
252.0	93.5	274.2
253.0	93.5	274.0
254.0	93.4	273.5
255.0	93.3	273.0
256.0	93.3	272.8

WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

257.0	93.2	272.4
258.0	93.2	272.0
259.0	93.1	271.5
260.0	93.1	271.1
261.0	93.0	270.9
262.0	93.0	270.5
263.0	92.9	270.0
264.0	92.9	269.5
265.0	92.8	269.2
266.0	92.8	269.0
267.0	92.8	268.9
268.0	92.7	268.6
269.0	92.7	268.5
270.0	92.7	268.3
271.0	92.7	268.2
272.0	92.7	268.3
273.0	92.7	268.4
274.0	92.7	268.4
275.0	92.7	268.5
276.0	92.7	268.4
277.0	92.7	268.3
278.0	92.7	268.1
279.0	92.7	268.0
280.0	92.6	267.9
281.0	92.6	267.7
282.0	92.6	267.5
283.0	92.6	267.5
284.0	92.6	267.6
285.0	92.6	267.7
286.0	92.6	267.7
287.0	92.6	267.5
288.0	92.5	267.2
289.0	92.5	267.1
290.0	92.5	267.3
291.0	92.5	267.4
292.0	92.6	267.5
293.0	92.6	267.6
294.0	92.6	267.8
295.0	92.6	267.8
296.0	92.6	267.9
297.0	92.6	268.0
298.0	92.7	268.2
299.0	92.7	268.4
300.0	92.7	268.7
301.0	92.8	269.0
302.0	92.8	269.2
303.0	92.8	269.4
304.0	92.9	269.6
305.0	92.9	269.7
306.0	92.9	269.9
307.0	92.9	269.9
308.0	92.9	269.9
309.0	92.9	269.9
310.0	92.9	269.9
311.0	92.9	269.9
312.0	92.9	269.8
313.0	92.9	269.8

WUFT-DT CHANNEL 36 (ALLOTMENT) DISTANCE TO CONTOUR TABULATION

314.0	92.9	269.8
315.0	92.8	269.3
316.0	92.7	268.5
317.0	92.6	267.9
318.0	92.6	267.6
319.0	92.6	267.7
320.0	92.6	267.4
321.0	92.6	267.4
322.0	92.6	267.4
323.0	92.6	267.3
324.0	92.5	266.9
325.0	92.5	266.6
326.0	92.4	265.9
327.0	92.3	265.2
328.0	92.2	264.5
329.0	92.1	263.9
330.0	92.1	263.5
331.0	92.0	263.0
332.0	91.9	262.6
333.0	91.9	262.2
334.0	91.8	261.8
335.0	91.8	261.2
336.0	91.7	260.6
337.0	91.6	259.8
338.0	91.5	259.0
339.0	91.4	258.5
340.0	91.4	258.2
341.0	91.3	257.9
342.0	91.3	257.7
343.0	91.3	257.7
344.0	91.3	257.6
345.0	91.3	257.4
346.0	91.3	257.4
347.0	91.3	257.5
348.0	91.3	257.6
349.0	91.4	257.8
350.0	91.4	258.0
351.0	91.4	258.2
352.0	91.5	258.4
353.0	91.5	258.8
354.0	91.6	259.1
355.0	91.6	259.5
356.0	91.7	259.8
357.0	91.7	259.9
358.0	91.7	260.0
359.0	91.8	260.1

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

----- Transmitter Information:

Call Letters: WUFT-DT APP
File Number: BPEDT20000420ABC
Latitude: 29-42-34 N
Longitude: 082-23-40 W
ERP: 1000.00 kW
Channel: 36
Frequency: 605.0 MHz
AMSL Height: 301.2 m
Elevation: 54.9 m
HAAT: 262.6 m

Type of curve: FCC
Location Variability: 50.0 %
Time Variability: 90.0 %
Field Strength: 40.86 dBuV/m

Primary Terrain: V-Soft US 3 Arc-Second Database

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	91.1	255.3
1.0	91.1	255.5
2.0	91.1	255.6
3.0	91.1	255.7
4.0	91.2	256.1
5.0	91.2	256.3
6.0	91.3	256.6
7.0	91.3	256.7
8.0	91.3	256.8
9.0	91.3	257.1
10.0	91.4	257.5
11.0	91.4	257.3
12.0	91.3	257.0
13.0	91.3	256.7
14.0	91.3	256.8
15.0	91.3	256.8
16.0	91.3	256.8
17.0	91.3	256.8
18.0	91.3	256.7
19.0	91.2	256.4
20.0	91.2	256.3
21.0	91.3	256.6
22.0	91.3	256.8
23.0	91.3	257.0
24.0	91.3	257.0
25.0	91.3	256.9
26.0	91.3	256.8
27.0	91.3	256.6
28.0	91.3	256.6
29.0	91.2	256.4

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

30.0	91.2	256.4
31.0	91.2	256.4
32.0	91.2	256.4
33.0	91.2	256.4
34.0	91.2	256.3
35.0	91.2	256.4
36.0	91.2	256.3
37.0	91.2	256.0
38.0	91.2	255.9
39.0	91.1	255.8
40.0	91.1	255.7
41.0	91.1	255.7
42.0	91.1	255.5
43.0	91.1	255.5
44.0	91.1	255.3
45.0	91.1	255.2
46.0	91.0	255.1
47.0	91.0	255.1
48.0	91.0	254.8
49.0	91.0	254.6
50.0	90.9	254.2
51.0	90.9	254.0
52.0	90.8	253.7
53.0	90.8	253.5
54.0	90.8	253.2
55.0	90.7	253.0
56.0	90.7	252.7
57.0	90.6	252.2
58.0	90.5	251.7
59.0	90.5	251.3
60.0	90.5	251.0
61.0	90.4	250.8
62.0	90.4	250.6
63.0	90.4	250.4
64.0	90.3	250.2
65.0	90.3	250.0
66.0	90.3	250.0
67.0	90.3	250.3
68.0	90.4	250.5
69.0	90.4	250.7
70.0	90.4	250.9
71.0	90.5	251.2
72.0	90.5	251.6
73.0	90.6	252.0
74.0	90.7	252.4
75.0	90.7	253.0
76.0	90.8	253.6
77.0	90.9	254.0
78.0	90.9	254.2
79.0	90.9	254.3
80.0	90.9	254.0
81.0	90.9	254.0
82.0	90.9	254.0
83.0	90.8	253.4
84.0	90.7	252.8
85.0	90.6	252.4
86.0	90.7	252.4

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

87.0	90.7	252.8
88.0	90.8	253.3
89.0	90.9	254.2
90.0	91.0	255.2
91.0	91.2	256.0
92.0	91.3	256.7
93.0	91.4	257.6
94.0	91.5	258.4
95.0	91.6	259.0
96.0	91.7	259.4
97.0	91.7	259.8
98.0	91.8	260.0
99.0	91.7	260.0
100.0	91.7	259.9
101.0	91.7	259.7
102.0	91.7	259.6
103.0	91.7	259.4
104.0	91.6	259.1
105.0	91.6	258.9
106.0	91.6	259.0
107.0	91.7	259.3
108.0	91.7	259.6
109.0	91.7	260.0
110.0	91.8	260.2
111.0	91.8	260.2
112.0	91.8	260.2
113.0	91.8	260.3
114.0	91.8	260.3
115.0	91.8	260.3
116.0	91.8	260.3
117.0	91.8	260.2
118.0	91.8	260.1
119.0	91.8	260.0
120.0	91.7	259.9
121.0	91.7	259.8
122.0	91.7	259.8
123.0	91.7	259.7
124.0	91.6	259.1
125.0	91.6	258.9
126.0	91.6	259.2
127.0	91.7	259.7
128.0	91.8	260.2
129.0	91.9	261.0
130.0	92.0	261.9
131.0	92.2	262.9
132.0	92.3	263.5
133.0	92.3	263.6
134.0	92.3	263.8
135.0	92.4	264.2
136.0	92.5	264.8
137.0	92.6	265.6
138.0	92.7	266.4
139.0	92.8	267.2
140.0	92.9	267.9
141.0	93.1	269.0
142.0	93.3	270.6
143.0	93.5	272.3

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

144.0	93.7	273.1
145.0	93.7	273.6
146.0	93.8	274.0
147.0	93.9	274.6
148.0	93.9	275.3
149.0	94.0	275.7
150.0	94.0	275.9
151.0	94.1	276.1
152.0	94.1	276.4
153.0	94.1	276.7
154.0	94.2	276.9
155.0	94.2	276.9
156.0	94.2	276.9
157.0	94.2	276.8
158.0	94.1	276.5
159.0	94.1	276.4
160.0	94.1	276.1
161.0	94.0	275.9
162.0	94.0	275.8
163.0	94.0	275.7
164.0	94.0	275.8
165.0	94.0	275.8
166.0	94.0	275.9
167.0	94.0	275.9
168.0	94.0	275.9
169.0	94.0	275.9
170.0	94.1	276.1
171.0	94.2	276.9
172.0	94.3	277.7
173.0	94.3	278.0
174.0	94.3	278.1
175.0	94.3	278.1
176.0	94.3	278.0
177.0	94.3	277.8
178.0	94.2	276.9
179.0	94.1	276.5
180.0	94.1	276.3
181.0	94.1	276.6
182.0	94.2	276.9
183.0	94.2	277.3
184.0	94.3	277.4
185.0	94.3	277.5
186.0	94.3	277.5
187.0	94.3	277.5
188.0	94.3	277.5
189.0	94.2	277.1
190.0	94.1	276.6
191.0	94.1	276.1
192.0	94.0	275.6
193.0	93.9	275.1
194.0	93.9	274.6
195.0	93.8	274.2
196.0	93.8	273.9
197.0	93.7	273.6
198.0	93.7	273.4
199.0	93.7	273.4
200.0	93.7	273.3

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

201.0	93.7	273.2
202.0	93.7	273.2
203.0	93.7	273.3
204.0	93.7	273.2
205.0	93.6	272.9
206.0	93.6	272.6
207.0	93.5	272.3
208.0	93.5	271.8
209.0	93.4	271.3
210.0	93.3	270.7
211.0	93.2	270.3
212.0	93.2	270.0
213.0	93.2	269.7
214.0	93.1	269.5
215.0	93.1	269.2
216.0	93.0	268.6
217.0	92.9	268.1
218.0	92.9	267.6
219.0	92.8	267.2
220.0	92.8	267.0
221.0	92.8	266.9
222.0	92.8	267.0
223.0	92.8	267.0
224.0	92.8	267.2
225.0	92.9	267.6
226.0	92.9	268.0
227.0	93.0	268.5
228.0	93.0	268.8
229.0	93.1	269.1
230.0	93.1	269.4
231.0	93.2	269.8
232.0	93.2	270.0
233.0	93.2	270.1
234.0	93.2	270.2
235.0	93.2	270.1
236.0	93.2	270.2
237.0	93.2	270.2
238.0	93.2	270.3
239.0	93.2	270.3
240.0	93.2	270.2
241.0	93.2	270.1
242.0	93.2	269.8
243.0	93.1	269.5
244.0	93.1	269.1
245.0	93.0	268.6
246.0	93.0	268.4
247.0	93.0	268.4
248.0	93.0	268.5
249.0	93.1	269.0
250.0	93.1	269.4
251.0	93.1	269.5
252.0	93.1	269.4
253.0	93.1	269.2
254.0	93.0	268.7
255.0	92.9	268.2
256.0	92.9	268.0
257.0	92.9	267.6

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

258.0	92.8	267.2
259.0	92.7	266.7
260.0	92.7	266.3
261.0	92.6	266.1
262.0	92.6	265.7
263.0	92.5	265.2
264.0	92.4	264.7
265.0	92.4	264.4
266.0	92.4	264.2
267.0	92.3	264.1
268.0	92.3	263.8
269.0	92.3	263.7
270.0	92.3	263.5
271.0	92.3	263.4
272.0	92.3	263.5
273.0	92.3	263.6
274.0	92.3	263.6
275.0	92.3	263.7
276.0	92.3	263.6
277.0	92.3	263.5
278.0	92.2	263.3
279.0	92.2	263.2
280.0	92.2	263.1
281.0	92.2	262.9
282.0	92.1	262.7
283.0	92.1	262.7
284.0	92.2	262.8
285.0	92.2	262.9
286.0	92.2	262.9
287.0	92.2	262.7
288.0	92.1	262.4
289.0	92.1	262.3
290.0	92.1	262.5
291.0	92.1	262.6
292.0	92.1	262.7
293.0	92.2	262.8
294.0	92.2	263.0
295.0	92.2	263.0
296.0	92.2	263.1
297.0	92.2	263.2
298.0	92.3	263.4
299.0	92.3	263.6
300.0	92.3	263.9
301.0	92.4	264.2
302.0	92.4	264.4
303.0	92.4	264.6
304.0	92.4	264.8
305.0	92.5	264.9
306.0	92.5	265.1
307.0	92.5	265.1
308.0	92.5	265.1
309.0	92.5	265.1
310.0	92.5	265.1
311.0	92.5	265.1
312.0	92.5	265.0
313.0	92.5	265.0
314.0	92.5	265.0

WUFT-DT (PROPOSED) DISTANCE TO CONTOUR TABULATION

315.0	92.4	264.5
316.0	92.3	263.7
317.0	92.2	263.1
318.0	92.2	262.8
319.0	92.2	262.9
320.0	92.1	262.6
321.0	92.1	262.6
322.0	92.1	262.6
323.0	92.1	262.5
324.0	92.1	262.1
325.0	92.0	261.8
326.0	91.9	261.1
327.0	91.8	260.4
328.0	91.7	259.7
329.0	91.6	259.1
330.0	91.6	258.7
331.0	91.5	258.2
332.0	91.4	257.8
333.0	91.4	257.4
334.0	91.3	257.0
335.0	91.2	256.4
336.0	91.1	255.8
337.0	91.0	255.0
338.0	90.9	254.2
339.0	90.8	253.7
340.0	90.8	253.4
341.0	90.7	253.1
342.0	90.7	252.9
343.0	90.7	252.9
344.0	90.7	252.8
345.0	90.7	252.6
346.0	90.7	252.6
347.0	90.7	252.7
348.0	90.7	252.8
349.0	90.7	253.0
350.0	90.8	253.2
351.0	90.8	253.4
352.0	90.8	253.6
353.0	90.9	254.0
354.0	90.9	254.3
355.0	91.0	254.7
356.0	91.0	255.0
357.0	91.0	255.1
358.0	91.1	255.2
359.0	91.1	255.3

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

Radial	WUFT-DT Allotment distance to contours (km)	WUFT-DT APP distance to contours (km)	PASS OR FAIL	Difference
0	91.8	91.1	PASS	0.7
1	91.8	91.1	PASS	0.7
2	91.8	91.1	PASS	0.7
3	91.8	91.1	PASS	0.7
4	91.9	91.2	PASS	0.7
5	91.9	91.2	PASS	0.7
6	92.0	91.3	PASS	0.7
7	92.0	91.3	PASS	0.7
8	92.0	91.3	PASS	0.7
9	92.0	91.3	PASS	0.7
10	92.1	91.4	PASS	0.7
11	92.1	91.4	PASS	0.7
12	92.0	91.3	PASS	0.7
13	92.0	91.3	PASS	0.7
14	92.0	91.3	PASS	0.7
15	92.0	91.3	PASS	0.7
16	92.0	91.3	PASS	0.7
17	92.0	91.3	PASS	0.7
18	92.0	91.3	PASS	0.7
19	91.9	91.2	PASS	0.7
20	91.9	91.2	PASS	0.7
21	92.0	91.3	PASS	0.7
22	92.0	91.3	PASS	0.7
23	92.0	91.3	PASS	0.7
24	92.0	91.3	PASS	0.7
25	92.0	91.3	PASS	0.7
26	92.0	91.3	PASS	0.7
27	92.0	91.3	PASS	0.7
28	92.0	91.3	PASS	0.7
29	91.9	91.2	PASS	0.7
30	91.9	91.2	PASS	0.7
31	91.9	91.2	PASS	0.7
32	91.9	91.2	PASS	0.7
33	91.9	91.2	PASS	0.7
34	91.9	91.2	PASS	0.7
35	91.9	91.2	PASS	0.7
36	91.9	91.2	PASS	0.7
37	91.9	91.2	PASS	0.7
38	91.9	91.2	PASS	0.7

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

39	91.8	91.1	PASS	0.7
40	91.8	91.1	PASS	0.7
41	91.8	91.1	PASS	0.7
42	91.8	91.1	PASS	0.7
43	91.8	91.1	PASS	0.7
44	91.8	91.1	PASS	0.7
45	91.8	91.1	PASS	0.7
46	91.7	91.0	PASS	0.7
47	91.7	91.0	PASS	0.7
48	91.7	91.0	PASS	0.7
49	91.7	91.0	PASS	0.7
50	91.6	90.9	PASS	0.7
51	91.6	90.9	PASS	0.7
52	91.5	90.8	PASS	0.7
53	91.5	90.8	PASS	0.7
54	91.5	90.8	PASS	0.7
55	91.4	90.7	PASS	0.7
56	91.4	90.7	PASS	0.7
57	91.3	90.6	PASS	0.7
58	91.2	90.5	PASS	0.7
59	91.2	90.5	PASS	0.7
60	91.1	90.5	PASS	0.6
61	91.1	90.4	PASS	0.7
62	91.1	90.4	PASS	0.7
63	91.0	90.4	PASS	0.6
64	91.0	90.3	PASS	0.7
65	91.0	90.3	PASS	0.7
66	91.0	90.3	PASS	0.7
67	91.0	90.3	PASS	0.7
68	91.1	90.4	PASS	0.7
69	91.1	90.4	PASS	0.7
70	91.1	90.4	PASS	0.7
71	91.2	90.5	PASS	0.7
72	91.2	90.5	PASS	0.7
73	91.3	90.6	PASS	0.7
74	91.4	90.7	PASS	0.7
75	91.4	90.7	PASS	0.7
76	91.5	90.8	PASS	0.7
77	91.6	90.9	PASS	0.7
78	91.6	90.9	PASS	0.7
79	91.6	90.9	PASS	0.7
80	91.6	90.9	PASS	0.7

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

81	91.6	90.9	PASS	0.7
82	91.6	90.9	PASS	0.7
83	91.5	90.8	PASS	0.7
84	91.4	90.7	PASS	0.7
85	91.3	90.6	PASS	0.7
86	91.3	90.7	PASS	0.6
87	91.4	90.7	PASS	0.7
88	91.5	90.8	PASS	0.7
89	91.6	90.9	PASS	0.7
90	91.7	91.0	PASS	0.7
91	91.9	91.2	PASS	0.7
92	92.0	91.3	PASS	0.7
93	92.1	91.4	PASS	0.7
94	92.2	91.5	PASS	0.7
95	92.3	91.6	PASS	0.7
96	92.3	91.7	PASS	0.6
97	92.4	91.7	PASS	0.7
98	92.4	91.8	PASS	0.6
99	92.4	91.7	PASS	0.7
100	92.4	91.7	PASS	0.7
101	92.3	91.7	PASS	0.6
102	92.3	91.7	PASS	0.6
103	92.3	91.7	PASS	0.6
104	92.2	91.6	PASS	0.6
105	92.2	91.6	PASS	0.6
106	92.2	91.6	PASS	0.6
107	92.3	91.7	PASS	0.6
108	92.3	91.7	PASS	0.6
109	92.3	91.7	PASS	0.6
110	92.4	91.8	PASS	0.6
111	92.4	91.8	PASS	0.6
112	92.4	91.8	PASS	0.6
113	92.4	91.8	PASS	0.6
114	92.4	91.8	PASS	0.6
115	92.4	91.8	PASS	0.6
116	92.3	91.8	PASS	0.5
117	92.3	91.8	PASS	0.5
118	92.3	91.8	PASS	0.5
119	92.3	91.8	PASS	0.5
120	92.3	91.7	PASS	0.6
121	92.2	91.7	PASS	0.5
122	92.2	91.7	PASS	0.5

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

123	92.2	91.7	PASS	0.5
124	92.1	91.6	PASS	0.5
125	92.1	91.6	PASS	0.5
126	92.1	91.6	PASS	0.5
127	92.2	91.7	PASS	0.5
128	92.3	91.8	PASS	0.5
129	92.4	91.9	PASS	0.5
130	92.5	92.0	PASS	0.5
131	92.6	92.2	PASS	0.4
132	92.7	92.3	PASS	0.4
133	92.7	92.3	PASS	0.4
134	92.7	92.3	PASS	0.4
135	92.8	92.4	PASS	0.4
136	92.9	92.5	PASS	0.4
137	93.0	92.6	PASS	0.4
138	93.1	92.7	PASS	0.4
139	93.2	92.8	PASS	0.4
140	93.3	92.9	PASS	0.4
141	93.4	93.1	PASS	0.3
142	93.6	93.3	PASS	0.3
143	93.9	93.5	PASS	0.4
144	94.0	93.7	PASS	0.3
145	94.0	93.7	PASS	0.3
146	94.1	93.8	PASS	0.3
147	94.1	93.9	PASS	0.2
148	94.2	93.9	PASS	0.3
149	94.3	94.0	PASS	0.3
150	94.3	94.0	PASS	0.3
151	94.3	94.1	PASS	0.2
152	94.3	94.1	PASS	0.2
153	94.4	94.1	PASS	0.3
154	94.4	94.2	PASS	0.2
155	94.4	94.2	PASS	0.2
156	94.4	94.2	PASS	0.2
157	94.3	94.2	PASS	0.1
158	94.3	94.1	PASS	0.2
159	94.3	94.1	PASS	0.2
160	94.2	94.1	PASS	0.1
161	94.2	94.0	PASS	0.2
162	94.2	94.0	PASS	0.2
163	94.1	94.0	PASS	0.1
164	94.1	94.0	PASS	0.1

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

165	94.1	94.0	PASS	0.1
166	94.1	94.0	PASS	0.1
167	94.1	94.0	PASS	0.1
168	94.1	94.0	PASS	0.1
169	94.1	94.0	PASS	0.1
170	94.1	94.1	PASS	0.0
171	94.2	94.2	PASS	0.0
172	94.3	94.3	PASS	0.0
173	94.4	94.3	PASS	0.1
174	94.4	94.3	PASS	0.1
175	94.3	94.3	PASS	0.0
176	94.3	94.3	PASS	0.0
177	94.3	94.3	PASS	0.0
178	94.2	94.2	PASS	0.0
179	94.1	94.1	PASS	0.0
180	94.1	94.1	PASS	0.0
181	94.1	94.1	PASS	0.0
182	94.1	94.2	FAIL	-0.1
183	94.2	94.2	PASS	0.0
184	94.2	94.3	FAIL	-0.1
185	94.3	94.3	PASS	0.0
186	94.3	94.3	PASS	0.0
187	94.3	94.3	PASS	0.0
188	94.3	94.3	PASS	0.0
189	94.2	94.2	PASS	0.0
190	94.2	94.1	PASS	0.1
191	94.1	94.1	PASS	0.0
192	94.0	94.0	PASS	0.0
193	94.0	93.9	PASS	0.1
194	93.9	93.9	PASS	0.0
195	93.9	93.8	PASS	0.1
196	93.8	93.8	PASS	0.0
197	93.8	93.7	PASS	0.1
198	93.8	93.7	PASS	0.1
199	93.8	93.7	PASS	0.1
200	93.8	93.7	PASS	0.1
201	93.8	93.7	PASS	0.1
202	93.8	93.7	PASS	0.1
203	93.8	93.7	PASS	0.1
204	93.8	93.7	PASS	0.1
205	93.8	93.6	PASS	0.2
206	93.7	93.6	PASS	0.1

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

207	93.7	93.5	PASS	0.2
208	93.6	93.5	PASS	0.1
209	93.6	93.4	PASS	0.2
210	93.5	93.3	PASS	0.2
211	93.4	93.2	PASS	0.2
212	93.4	93.2	PASS	0.2
213	93.4	93.2	PASS	0.2
214	93.3	93.1	PASS	0.2
215	93.3	93.1	PASS	0.2
216	93.2	93.0	PASS	0.2
217	93.2	92.9	PASS	0.3
218	93.1	92.9	PASS	0.2
219	93.1	92.8	PASS	0.3
220	93.0	92.8	PASS	0.2
221	93.0	92.8	PASS	0.2
222	93.0	92.8	PASS	0.2
223	93.0	92.8	PASS	0.2
224	93.1	92.8	PASS	0.3
225	93.1	92.9	PASS	0.2
226	93.2	92.9	PASS	0.3
227	93.3	93.0	PASS	0.3
228	93.3	93.0	PASS	0.3
229	93.4	93.1	PASS	0.3
230	93.4	93.1	PASS	0.3
231	93.5	93.2	PASS	0.3
232	93.5	93.2	PASS	0.3
233	93.5	93.2	PASS	0.3
234	93.5	93.2	PASS	0.3
235	93.5	93.2	PASS	0.3
236	93.6	93.2	PASS	0.4
237	93.6	93.2	PASS	0.4
238	93.6	93.2	PASS	0.4
239	93.6	93.2	PASS	0.4
240	93.6	93.2	PASS	0.4
241	93.5	93.2	PASS	0.3
242	93.5	93.2	PASS	0.3
243	93.5	93.1	PASS	0.4
244	93.4	93.1	PASS	0.3
245	93.4	93.0	PASS	0.4
246	93.3	93.0	PASS	0.3
247	93.3	93.0	PASS	0.3
248	93.4	93.0	PASS	0.4

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

249	93.4	93.1	PASS	0.3
250	93.5	93.1	PASS	0.4
251	93.5	93.1	PASS	0.4
252	93.5	93.1	PASS	0.4
253	93.5	93.1	PASS	0.4
254	93.4	93.0	PASS	0.4
255	93.3	92.9	PASS	0.4
256	93.3	92.9	PASS	0.4
257	93.2	92.9	PASS	0.3
258	93.2	92.8	PASS	0.4
259	93.1	92.7	PASS	0.4
260	93.1	92.7	PASS	0.4
261	93.0	92.6	PASS	0.4
262	93.0	92.6	PASS	0.4
263	92.9	92.5	PASS	0.4
264	92.9	92.4	PASS	0.5
265	92.8	92.4	PASS	0.4
266	92.8	92.4	PASS	0.4
267	92.8	92.3	PASS	0.5
268	92.7	92.3	PASS	0.4
269	92.7	92.3	PASS	0.4
270	92.7	92.3	PASS	0.4
271	92.7	92.3	PASS	0.4
272	92.7	92.3	PASS	0.4
273	92.7	92.3	PASS	0.4
274	92.7	92.3	PASS	0.4
275	92.7	92.3	PASS	0.4
276	92.7	92.3	PASS	0.4
277	92.7	92.3	PASS	0.4
278	92.7	92.2	PASS	0.5
279	92.7	92.2	PASS	0.5
280	92.6	92.2	PASS	0.4
281	92.6	92.2	PASS	0.4
282	92.6	92.1	PASS	0.5
283	92.6	92.1	PASS	0.5
284	92.6	92.2	PASS	0.4
285	92.6	92.2	PASS	0.4
286	92.6	92.2	PASS	0.4
287	92.6	92.2	PASS	0.4
288	92.5	92.1	PASS	0.4
289	92.5	92.1	PASS	0.4
290	92.5	92.1	PASS	0.4

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

291	92.5	92.1	PASS	0.4
292	92.6	92.1	PASS	0.5
293	92.6	92.2	PASS	0.4
294	92.6	92.2	PASS	0.4
295	92.6	92.2	PASS	0.4
296	92.6	92.2	PASS	0.4
297	92.6	92.2	PASS	0.4
298	92.7	92.3	PASS	0.4
299	92.7	92.3	PASS	0.4
300	92.7	92.3	PASS	0.4
301	92.8	92.4	PASS	0.4
302	92.8	92.4	PASS	0.4
303	92.8	92.4	PASS	0.4
304	92.9	92.4	PASS	0.5
305	92.9	92.5	PASS	0.4
306	92.9	92.5	PASS	0.4
307	92.9	92.5	PASS	0.4
308	92.9	92.5	PASS	0.4
309	92.9	92.5	PASS	0.4
310	92.9	92.5	PASS	0.4
311	92.9	92.5	PASS	0.4
312	92.9	92.5	PASS	0.4
313	92.9	92.5	PASS	0.4
314	92.9	92.5	PASS	0.4
315	92.8	92.4	PASS	0.4
316	92.7	92.3	PASS	0.4
317	92.6	92.2	PASS	0.4
318	92.6	92.2	PASS	0.4
319	92.6	92.2	PASS	0.4
320	92.6	92.1	PASS	0.5
321	92.6	92.1	PASS	0.5
322	92.6	92.1	PASS	0.5
323	92.6	92.1	PASS	0.5
324	92.5	92.1	PASS	0.4
325	92.5	92.0	PASS	0.5
326	92.4	91.9	PASS	0.5
327	92.3	91.8	PASS	0.5
328	92.2	91.7	PASS	0.5
329	92.1	91.6	PASS	0.5
330	92.1	91.6	PASS	0.5
331	92.0	91.5	PASS	0.5
332	91.9	91.4	PASS	0.5

WUFT-DT (Allotment vs. Proposed) Distance to Contour Comparison Chart

333	91.9	91.4	PASS	0.5
334	91.8	91.3	PASS	0.5
335	91.8	91.2	PASS	0.6
336	91.7	91.1	PASS	0.6
337	91.6	91.0	PASS	0.6
338	91.5	90.9	PASS	0.6
339	91.4	90.8	PASS	0.6
340	91.4	90.8	PASS	0.6
341	91.3	90.7	PASS	0.6
342	91.3	90.7	PASS	0.6
343	91.3	90.7	PASS	0.6
344	91.3	90.7	PASS	0.6
345	91.3	90.7	PASS	0.6
346	91.3	90.7	PASS	0.6
347	91.3	90.7	PASS	0.6
348	91.3	90.7	PASS	0.6
349	91.4	90.7	PASS	0.7
350	91.4	90.8	PASS	0.6
351	91.4	90.8	PASS	0.6
352	91.5	90.8	PASS	0.7
353	91.5	90.9	PASS	0.6
354	91.6	90.9	PASS	0.7
355	91.6	91.0	PASS	0.6
356	91.7	91.0	PASS	0.7
357	91.7	91.0	PASS	0.7
358	91.7	91.1	PASS	0.6
359	91.8	91.1	PASS	0.7

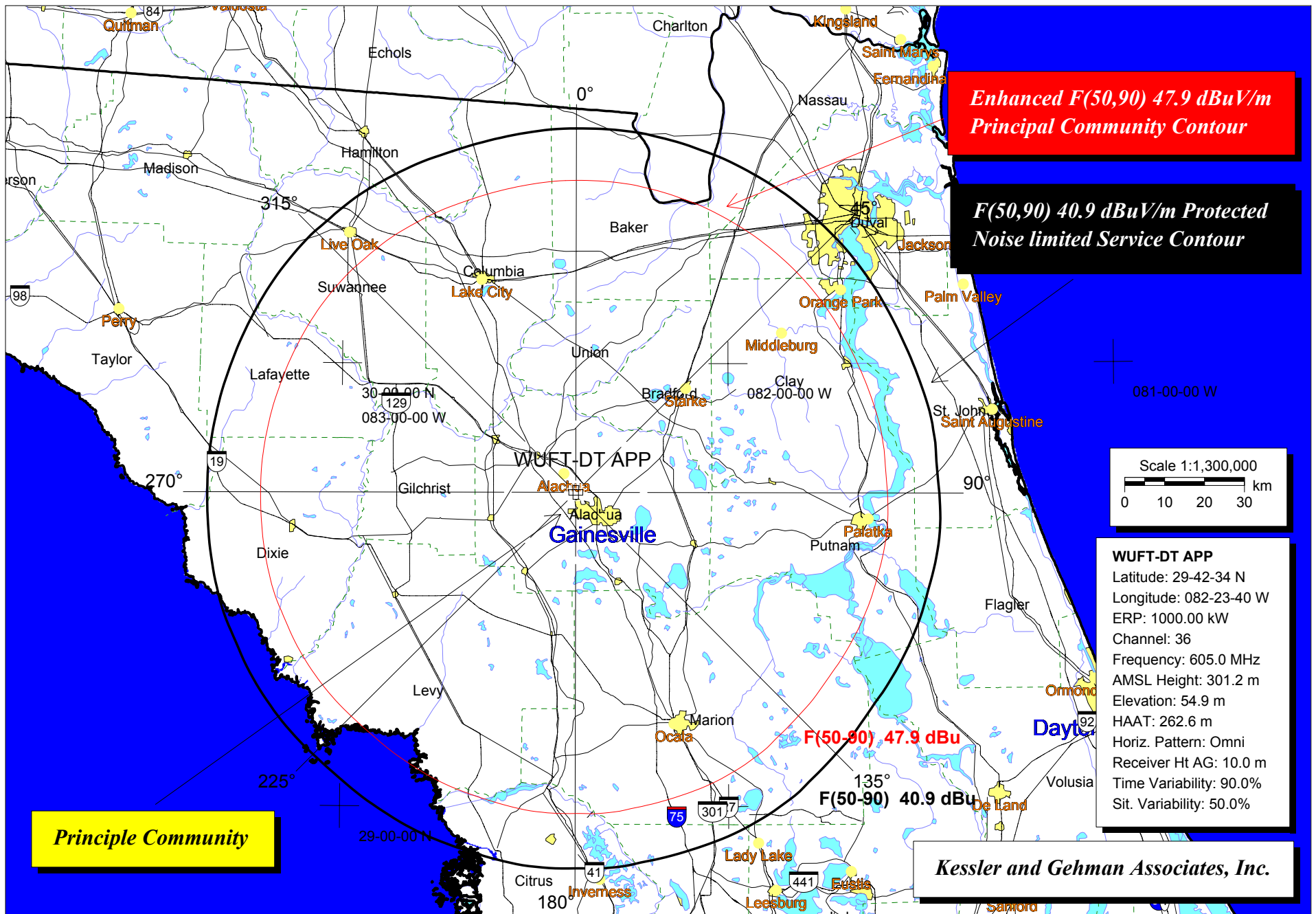


EXHIBIT 12

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-20-2003 Time: 12:44:30

Record Selected for Analysis

WUFT-DT CUR -PROPOSED Gainesville FL US
 Channel 36 ERP 1000.0 kW HAAT 00262 m RCAMSL 00301 m
 Latitude 029-42-34 Longitude 0082-23-40
 Status APP Zone Border
 Dir Antenna Make CDB Model 000000000000001 Beam tilt N Ref Azimuth 0.0
 Last update 00000000 Cutoff date 00000000 Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	255.0	90.0
45.0	1000.000	255.0	90.0
90.0	1000.000	255.0	90.0
135.0	1000.000	263.9	91.6
180.0	1000.000	276.2	93.6
225.0	1000.000	267.4	92.2
270.0	1000.000	263.3	91.5
315.0	1000.000	264.4	91.6

Evaluation toward Class A Stations

Station inside contour of Class A station

WBXG-LP 33 GAINESVILLE FL BPTTL 20010710AAL

Contour overlap to Class A station

WBXG-CA 33 GAINESVILLE FL BMPTTA 20020510AAK

D/U ratio at contour -37.2 dB

Offset Proposed Offset Class A + Required D/U ratio: -34.0

Radial 0.0 degrees

Bearing to point on contour 256.8 degrees

D/U ratio at contour -64.5 dB

Radial 10.0 degrees

Bearing to point on contour 274.2 degrees

D/U ratio at contour -63.5 dB

Radial 20.0 degrees

Bearing to point on contour 70.8 degrees

D/U ratio at contour -37.9 dB
 Radial 30.0 degrees
 Bearing to point on contour 83.7 degrees
 D/U ratio at contour -34.5 dB
 Radial 40.0 degrees
 Bearing to point on contour 90.7 degrees
 D/U ratio at contour -36.6 dB
 Radial 50.0 degrees
 Bearing to point on contour 96.3 degrees
 D/U ratio at contour -35.2 dB
 Radial 310.0 degrees
 Bearing to point on contour 234.7 degrees
 D/U ratio at contour -36.2 dB
 Radial 320.0 degrees
 Bearing to point on contour 231.5 degrees
 D/U ratio at contour -36.4 dB
 Radial 330.0 degrees
 Bearing to point on contour 234.0 degrees
 D/U ratio at contour -34.8 dB
 Radial 340.0 degrees
 Bearing to point on contour 240.7 degrees
 D/U ratio at contour -35.0 dB
 Radial 350.0 degrees
 Bearing to point on contour 249.0 degrees

Contour overlap to Class A station

WXXZ-LP 36 ORLANDO, ETC. FL BPTTL 20020325AAC
 D/U ratio at contour 27.1 dB
 Offset Proposed Offset Class A - Required D/U ratio: 34.0
 Radial 0.0 degrees
 Bearing to point on contour 130.9 degrees
 D/U ratio at contour 27.6 dB
 Radial 10.0 degrees
 Bearing to point on contour 130.9 degrees
 D/U ratio at contour 28.0 dB
 Radial 20.0 degrees
 Bearing to point on contour 130.6 degrees
 D/U ratio at contour 28.3 dB
 Radial 30.0 degrees
 Bearing to point on contour 130.5 degrees
 D/U ratio at contour 28.7 dB
 Radial 40.0 degrees
 Bearing to point on contour 130.6 degrees
 D/U ratio at contour 29.0 dB
 Radial 50.0 degrees
 Bearing to point on contour 130.7 degrees
 D/U ratio at contour 29.3 dB
 Radial 60.0 degrees
 Bearing to point on contour 130.7 degrees
 D/U ratio at contour 29.6 dB
 Radial 70.0 degrees
 Bearing to point on contour 130.9 degrees
 D/U ratio at contour 29.9 dB
 Radial 80.0 degrees
 Bearing to point on contour 131.1 degrees
 D/U ratio at contour 30.2 dB
 Radial 90.0 degrees

Bearing to point on contour 131.5 degrees
D/U ratio at contour 30.3 dB
Radial 100.0 degrees
Bearing to point on contour 132.1 degrees
D/U ratio at contour 30.4 dB
Radial 110.0 degrees
Bearing to point on contour 132.7 degrees
D/U ratio at contour 30.4 dB
Radial 120.0 degrees
Bearing to point on contour 133.3 degrees
D/U ratio at contour 30.5 dB
Radial 130.0 degrees
Bearing to point on contour 133.8 degrees
D/U ratio at contour 30.5 dB
Radial 140.0 degrees
Bearing to point on contour 134.4 degrees
D/U ratio at contour 30.5 dB
Radial 150.0 degrees
Bearing to point on contour 135.0 degrees
D/U ratio at contour 30.4 dB
Radial 160.0 degrees
Bearing to point on contour 135.5 degrees
D/U ratio at contour 30.3 dB
Radial 170.0 degrees
Bearing to point on contour 136.2 degrees
D/U ratio at contour 30.4 dB
Radial 180.0 degrees
Bearing to point on contour 137.2 degrees
D/U ratio at contour 30.5 dB
Radial 190.0 degrees
Bearing to point on contour 138.6 degrees
D/U ratio at contour 30.3 dB
Radial 200.0 degrees
Bearing to point on contour 139.9 degrees
D/U ratio at contour 29.9 dB
Radial 210.0 degrees
Bearing to point on contour 140.9 degrees
D/U ratio at contour 29.3 dB
Radial 220.0 degrees
Bearing to point on contour 141.5 degrees
D/U ratio at contour 28.6 dB
Radial 230.0 degrees
Bearing to point on contour 141.6 degrees
D/U ratio at contour 27.9 dB
Radial 240.0 degrees
Bearing to point on contour 141.5 degrees
D/U ratio at contour 27.1 dB
Radial 250.0 degrees
Bearing to point on contour 141.2 degrees
D/U ratio at contour 26.3 dB
Radial 260.0 degrees
Bearing to point on contour 140.8 degrees
D/U ratio at contour 25.6 dB
Radial 270.0 degrees
Bearing to point on contour 140.0 degrees
D/U ratio at contour 25.1 dB
Radial 280.0 degrees

Bearing to point on contour 138.9 degrees
 D/U ratio at contour 24.7 dB
 Radial 290.0 degrees
 Bearing to point on contour 137.6 degrees
 D/U ratio at contour 24.4 dB
 Radial 300.0 degrees
 Bearing to point on contour 136.3 degrees
 D/U ratio at contour 24.3 dB
 Radial 310.0 degrees
 Bearing to point on contour 134.8 degrees
 D/U ratio at contour 24.3 dB
 Radial 320.0 degrees
 Bearing to point on contour 133.3 degrees
 D/U ratio at contour 24.7 dB
 Radial 330.0 degrees
 Bearing to point on contour 131.9 degrees
 D/U ratio at contour 25.3 dB
 Radial 340.0 degrees
 Bearing to point on contour 131.1 degrees
 D/U ratio at contour 26.3 dB
 Radial 350.0 degrees
 Bearing to point on contour 130.8 degrees

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WUFT-DT 36 Gainesville	FL CUR	PROPOSED
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and station

SHORT TO: WUFT-DT 36 GAINESVILLE	FL BPEDT	20000420ABC
029-42-34 0082-23-40		
Req. separation 223.7	Actual separation	0.0 Short 223.7 km

SHORT TO: WUFT-DT 36 GAINESVILLE	FL DTVPLN	DTVP1007
29-42-34 82-23-40		
Req. separation 223.7	Actual separation	0.0 Short 223.7 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
36	WUFT-DT	Gainesville FL	CUR	PROPOSED

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WBSG-TV	BRUNSWICK GA	138.8	CP	BPCT	-20010629ABD
29	NEW	GAINESVILLE FL	19.4	ADD	BPRM	-20000717ACS
35	WOFL	ORLANDO FL	176.6	CP	BPCT	-19960626KE
35	WOFL	ORLANDO FL	176.7	LIC	BLCT	-19960507KF
36	WTVY-DT	DOTHAN AL	348.1	CP	BPCDT	-19991029ADN
36	WTVY-DT	DOTHAN AL	348.1	PLN	DTVPLN	-DTVP1001
36	WFTX	CAPE CORAL FL	329.1	LIC	BLCT	-19880310KG
36	WFTX	CAPE CORAL FL	329.1	CP	BPCT	-20000912AAI
36	WPXP-DT	LAKE WORTH FL	407.5	CP MOD	BMPCDT	-20020501AAH
36	WHBI-DT	LAKE WORTH FL	401.5	PLN	DTVPLN	-DTVP1008
36	WHBI-DT	LAKE WORTH FL	401.5	MAX	DTVPLN	-DTVP1008
36	WCES-DT	WRENS GA	394.7	PLN	DTVPLN	-DTVP1009
44	WJEB-TV	JACKSONVILLE FL	101.7	APP	BPET	-20020523AAR

%%%

Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
21	WBSGTV	BRUNSWICK GA	DTVPLN	-NPLN1103

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WABWTV	PELHAM GA	206.2	PLN	DTVPLN	-NPLN0880
18	WXGA-DT	WAYCROSS GA	61.1	PLN	DTVPLN	-DTVP0299
19	WTEV-DT	JACKSONVILLE FL	102.3	PLN	DTVPLN	-DTVP0343
20	WCJBTV	GAINESVILLE FL	183.6	PLN	DTVPLN	-NPLN1073
20	WABW-DT	PELHAM GA	206.2	PLN	DTVPLN	-DTVP0394
21	WDHN-DT	DOTHAN AL	321.2	PLN	DTVPLN	-DTVP0426
21	WCLF-DT	CLEARWATER FL	337.9	PLN	DTVPLN	-DTVP0431
21	WPBA-DT	ATLANTA GA	367.9	PLN	DTVPLN	-DTVP0432
22	WTXL-DT	TALLAHASSEE FL	200.6	PLN	DTVPLN	-DTVP0476
22	WJCL	SAVANNAH GA	116.8	PLN	DTVPLN	-NPLN1138
23	WJCL-DT	SAVANNAH GA	116.8	PLN	DTVPLN	-DTVP0519
24	WBSG-DT	BRUNSWICK GA	0.0	PLN	DTVPLN	-DTVP0562
25	WJXX	ORANGE PARK FL	119.1	PLN	DTVPLN	-NPLN1239

28	WTGS	HARDEEVILLE SC	115.6	PLN	DTVPLN	-NPLN1339
35	WUBI-DT	BAXLEY GA	74.7	PLN	DTVPLN	-DTVP0970

Results for: 21N GA BRUNSWICK	DTVPLN	NPLN1103	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	996497	31825.4	
not affected by terrain losses	996431	31797.2	
lost to NTSC IX	46147	342.9	
lost to additional IX by ATV	3464	20.2	
lost to all IX	49611	363.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WBSG-TV	BRUNSWICK GA	BPCT	-20010629ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WXGA-DT	WAYCROSS GA	91.2	PLN	DTVPLN	-DTVP0299
19	WTEV-DT	JACKSONVILLE FL	62.2	CP MOD	BMPCDT	-20020102AAJ
19	WTEV-DT	JACKSONVILLE FL	62.8	PLN	DTVPLN	-DTVP0343
20	WCJB-TV	GAINESVILLE FL	156.4	LIC	BLCT	-19821029KE
21	WDHN-DT	DOTHAN AL	343.8	PLN	DTVPLN	-DTVP0426
21	WCLF-DT	CLEARWATER FL	309.4	PLN	DTVPLN	-DTVP0431
21	WCLF	CLEARWATER FL	337.5	CP	BPCDT	-19991101AHE
21	WTCE	FORT PIERCE FL	399.4	LIC	BLET	-19900510KE
22	WJCL	SAVANNAH GA	142.6	LIC	BLCT	-19980514KF
24	WBSG-DT	BRUNSWICK GA	0.0	CP MOD	BMPCDT	-20010629ABC
24	WBSG-DT	BRUNSWICK GA	40.2	PLN	DTVPLN	-DTVP0562
25	WJXX	ORANGE PARK FL	83.3	LIC	BLCT	-19971016KF
28	WTGS	HARDEEVILLE SC	141.3	LIC	BLCT	-19900212KH
35	WUBI-DT	BAXLEY GA	114.7	PLN	DTVPLN	-DTVP0970
35	WGSB-DT	BAXLEY GA	131.6	CP	BPCDT	-19991101AIG
36	WUFT-DT	GAINESVILLE FL	138.8	PLN	DTVPLN	-DTVP1007
36	WUFT-DT	Gainesville FL	138.8	APP	CUR	-PROPOSED

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 21N GA BRUNSWICK	BPCT	20010629ABD	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1104874	31847.0	
not affected by terrain losses	1104874	31847.0	
lost to NTSC IX	32071	2035.3	
lost to additional IX by ATV	1357	55.9	
lost to all IX	33428	2091.2	

Potential Interfering Stations Included in above Scenario 1

20N FL GAINESVILLE	BLCT	19821029KE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
25N FL ORANGE PARK	BLCT	19971016KF	LIC
18A GA WAYCROSS	DTVPLN	DTVP0299	PLN

19A FL JACKSONVILLE	BMPCDT	20020102AAJ	CP
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 21N GA BRUNSWICK	BPCT	20010629ABD	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1104874	31847.0	
not affected by terrain losses	1104874	31847.0	
lost to NTSC IX	32071	2035.3	
lost to additional IX by ATV	1357	55.9	
lost to all IX	33428	2091.2	

Potential Interferring Stations Included in above Scenario 1

20N FL GAINESVILLE	BLCT	19821029KE	LIC	
22N GA SAVANNAH	BLCT	19980514KF	LIC	
25N FL ORANGE PARK	BLCT	19971016KF	LIC	
18A GA WAYCROSS	DTVPLN	DTVP0299	PLN	
19A FL JACKSONVILLE	BMPCDT	20020102AAJ	CP	
36A FL Gainesville	CUR	PROPOSED	APP	
*Percent new DTV interference without proposal:		0.1	BPCT	20010629ABD
*Percent new DTV interference with proposal:		0.1	BPCT	20010629ABD

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 21N GA BRUNSWICK	BPCT	20010629ABD	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1104874	31847.0	
not affected by terrain losses	1104874	31847.0	
lost to NTSC IX	32071	2035.3	
lost to additional IX by ATV	1357	55.9	
lost to all IX	33428	2091.2	

Potential Interferring Stations Included in above Scenario 2

20N FL GAINESVILLE	BLCT	19821029KE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
25N FL ORANGE PARK	BLCT	19971016KF	LIC
18A GA WAYCROSS	DTVPLN	DTVP0299	PLN
19A FL JACKSONVILLE	DTVPLN	DTVP0343	PLN
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 21N GA BRUNSWICK	BPCT	20010629ABD	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1104874	31847.0	
not affected by terrain losses	1104874	31847.0	
lost to NTSC IX	32071	2035.3	
lost to additional IX by ATV	1357	55.9	
lost to all IX	33428	2091.2	

Potential Interferring Stations Included in above Scenario 2

20N FL GAINESVILLE	BLCT	19821029KE	LIC		
22N GA SAVANNAH	BLCT	19980514KF	LIC		
25N FL ORANGE PARK	BLCT	19971016KF	LIC		
18A GA WAYCROSS	DTVPLN	DTVP0299	PLN		
19A FL JACKSONVILLE	DTVPLN	DTVP0343	PLN		
36A FL Gainesville	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:			0.1	BPCT	20010629ABD
*Percent new DTV interference with proposal:			0.1	BPCT	20010629ABD

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	NEW	GAINESVILLE FL	BPRM	-20000717ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WCLF	CLEARWATER FL	203.5	LIC	BLCT	-20000124AAX
26	WVEN-TV	DAYTONA BEACH FL	111.3	CP	BPCT	-19960709KS
28	WGFL-DT	HIGH SPRINGS FL	0.0	PLN	DTVPLN	-DTVP0704
28	WGFL-DT	HIGH SPRINGS FL	0.0	CP	BPCDT	-19980910KE
28	WFTS-TV	TAMPA FL	201.0	CP	BPCT	-19960702KP
29	WPGX-DT	PANAMA CITY FL	297.4	PLN	DTVPLN	-DTVP0739
29	WFTS-DT	TAMPA FL	201.0	LIC	BLCDDT	-20020319AAG
29	WFTS-DT	TAMPA FL	201.0	PLN	DTVPLN	-DTVP0740
29	WDCO-TV	COCHRAN GA	322.3	LIC	BLET	-19900608KE
30	WBCC-DT	COCOA FL	185.6	LIC	BLEDT	-20030429ABH
30	WAWS	JACKSONVILLE FL	120.7	CP MOD	BMPCT	-20011120AAF
31	WOGX-DT	OCALA FL	38.3	LIC	BLCDDT	-20020730ABS
31	WOGX-DT	OCALA FL	38.1	PLN	DTVPLN	-DTVP0817
32	WAWS-DT	JACKSONVILLE FL	120.7	CP MOD	BMPCDT	-20020219AAJ
32	WAWS-DT	JACKSONVILLE FL	120.7	PLN	DTVPLN	-DTVP0858
36	WUFT-DT	GAINESVILLE FL	19.4	PLN	DTVPLN	-DTVP1007
44	WJEB-DT	JACKSONVILLE FL	120.7	CP	BPEDT	-20000428ACG
44	WJEB-DT	JACKSONVILLE FL	120.8	PLN	DTVPLN	-DTVP1258
44	WJEB-TV	JACKSONVILLE FL	120.8	APP	BPET	-20020523AAR
44	WTOG	ST. PETERSBURG FL	202.3	LIC	BLCT	-19990415KI
44	WGVP	VALDOSTA GA	187.5	LIC	BLCT	-19951107KI
36	WUFT-DT	Gainesville FL	19.4	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
35	WOFL	ORLANDO FL	DTVPLN	-NPLN1493

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WZKY	ORLANDO FL	67.9	PLN	DTVPLN	-NPLN1297
28	WFTS	TAMPA FL	143.0	PLN	DTVPLN	-NPLN1328
32	WWWB	LAKELAND FL	119.9	PLN	DTVPLN	-NPLN1424
33	WCEU-DT	NEW SMYRNA BEACH FL	63.6	PLN	DTVPLN	-DTVP0896
34	WTVX	FORT PIERCE FL	178.5	PLN	DTVPLN	-NPLN1470
34	WJWB-DT	JACKSONVILLE FL	191.5	PLN	DTVPLN	-DTVP0931
34	WUSF-DT	TAMPA FL	142.6	PLN	DTVPLN	-DTVP0933
35	WFTX-DT	CAPE CORAL FL	213.0	PLN	DTVPLN	-DTVP0969
35	WCTD	MIAMI FL	333.4	PLN	DTVPLN	-NPLN1492
35	WUBI-DT	BAXLEY GA	367.9	PLN	DTVPLN	-DTVP0970
36	WUFT-DT	GAINESVILLE FL	176.6	PLN	DTVPLN	-DTVP1007
39	WFTV-DT	ORLANDO FL	0.7	PLN	DTVPLN	-DTVP1083
43	WBSF	MELBOURNE FL	37.2	PLN	DTVPLN	-NPLN1637
49	WNTD-DT	DAYTONA BEACH FL	85.4	PLN	DTVPLN	-DTVP1413
50	WBHSTV	TAMPA FL	143.0	PLN	DTVPLN	-NPLN1772

Results for: 35N FL ORLANDO	DTVPLN	NPLN1493	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1988567	21546.7	
not affected by terrain losses	1988567	21546.7	
lost to NTSC IX	18026	607.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	18026	607.6	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WOFL	ORLANDO FL	BPCT	-19960626KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WRDQ	ORLANDO FL	36.7	LIC	BLCT	-20000504AAT
28	WFTS-TV	TAMPA FL	143.0	CP	BPCT	-19960702KP
32	WWWB	LAKELAND FL	119.9	LIC	BLCT	-19961018KF
33	WCEU-DT	NEW SMYRNA BEACH FL	63.6	PLN	DTVPLN	-DTVP0896
33	WCEU	NEW SMYRNA BEACH FL	2.7	CP	BPEDT	-20000412AAQ
34	WTVX	FORT PIERCE FL	178.5	LIC	BLCT	-19800624KF
34	WJWB-DT	JACKSONVILLE FL	191.5	CP	BPCDT	-19991025AEM
34	WJWB-DT	JACKSONVILLE FL	191.5	PLN	DTVPLN	-DTVP0931
34	WUSF-DT	TAMPA FL	142.7	CP	BPEDT	-19991217ACB
34	WUSF-DT	TAMPA FL	142.6	PLN	DTVPLN	-DTVP0933
35	WFTX	CAPE CORAL FL	213.1	LIC	BLCDD	-20020211AAC
35	WFTX-DT	CAPE CORAL FL	213.0	PLN	DTVPLN	-DTVP0969
35	WPXM	MIAMI FL	333.4	LIC	BLCT	-19921026KE
35	WGSB	BAXLEY GA	384.8	APP	BMPCDD	-20010608AAE
35	WUBI-DT	BAXLEY GA	367.9	PLN	DTVPLN	-DTVP0970
35	WGSB-DT	BAXLEY GA	384.6	CP	BPCDD	-19991101AIG
36	WUFT-DT	GAINESVILLE FL	176.6	PLN	DTVPLN	-DTVP1007
39	960919LB	CRYSTAL RIVER FL	127.0	APP	BPEDT	-19960919LB
39	WFTV	ORLANDO FL	5.1	LIC	BLCDD	-20010430ABF
39	WFTV-DT	ORLANDO FL	0.7	PLN	DTVPLN	-DTVP1083
39	WFTV	ORLANDO FL	5.1	CP MOD	BMPCDD	-19991018ABA
42	WXPX	BRADENTON FL	144.4	APP	BPCT	-20020215AAZ

42	WXPX	BRADENTON FL	144.4	APP	BPCT	-19980708KH
43	WBSF	MELBOURNE FL	37.3	LIC	BLCT	-19980422KG
49	WNTD-DT	DAYTONA BEACH FL	85.4	PLN	DTVPLN	-DTVP1413
49	WVEN-TV	DAYTONA BEACH FL	41.8	CP	BPCDT	-19991029AER
50	WBHS-TV	TAMPA FL	143.0	CP	BPCT	-19960710KG
36	WUFT-DT	Gainesville FL	176.6	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WOFL	ORLANDO FL	BLCT	-19960507KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WRDQ	ORLANDO FL	36.6	LIC	BLCT	-20000504AAQ
28	WFTS-TV	TAMPA FL	143.0	CP	BPCT	-19960702KP
32	WWWB	LAKELAND FL	119.9	LIC	BLCT	-19961018KF
33	WCEU-DT	NEW SMYRNA BEACH FL	63.7	PLN	DTVPLN	-DTVP0896
33	WCEU	NEW SMYRNA BEACH FL	2.7	CP	BPEDT	-20000412AAQ
34	WTVX	FORT PIERCE FL	178.3	LIC	BLCT	-19800624KF
34	WJWB-DT	JACKSONVILLE FL	191.6	CP	BPCDT	-19991025AEM
34	WJWB-DT	JACKSONVILLE FL	191.6	PLN	DTVPLN	-DTVP0931
34	WUSF-TV	TAMPA FL	142.6	CP	BPEDT	-19991217ACB
34	WUSF-DT	TAMPA FL	142.6	PLN	DTVPLN	-DTVP0933
35	WFTX	CAPE CORAL FL	213.0	LIC	BLCDDT	-20020211AAC
35	WFTX-DT	CAPE CORAL FL	212.9	PLN	DTVPLN	-DTVP0969
35	WPXM	MIAMI FL	333.3	LIC	BLCT	-19921026KE
35	WGSA	BAXLEY GA	384.9	APP	BMPCDT	-20010608AAE
35	WUBI-DT	BAXLEY GA	368.0	PLN	DTVPLN	-DTVP0970
35	WGSA-DT	BAXLEY GA	384.8	CP	BPCDT	-19991101AIG
36	WUFT-DT	GAINESVILLE FL	176.7	PLN	DTVPLN	-DTVP1007
39	960919LB	CRYSTAL RIVER FL	127.1	APP	BPEDT	-19960919LB
39	WFTV	ORLANDO FL	5.0	LIC	BLCDDT	-20010430ABF
39	WFTV-DT	ORLANDO FL	0.7	PLN	DTVPLN	-DTVP1083
39	WFTV	ORLANDO FL	5.0	CP MOD	BMPCDT	-19991018ABA
42	WXPX	BRADENTON FL	144.3	APP	BPCT	-20020215AAZ
42	WXPX	BRADENTON FL	144.3	APP	BPCT	-19980708KH
43	WBSF	MELBOURNE FL	37.2	LIC	BLCT	-19980422KG
49	WNTD-DT	DAYTONA BEACH FL	85.6	PLN	DTVPLN	-DTVP1413
49	WVEN-TV	DAYTONA BEACH FL	42.0	CP	BPCDT	-19991029AER
50	WBHS-TV	TAMPA FL	143.0	CP	BPCT	-19960710KG
36	WUFT-DT	Gainesville FL	176.7	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 5

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	WTVY-DT	DOTHAN AL	DTVPLN	-DTVP1001

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WFGX	FORT WALTON BEACH FL	97.6	PLN	DTVPLN	-NPLN1491
35	WLTZ-DT	COLUMBUS GA	189.2	PLN	DTVPLN	-DTVP0971
36	WABM-DT	BIRMINGHAM AL	301.1	PLN	DTVPLN	-DTVP1000
36	WUFT-DT	GAINESVILLE FL	348.1	PLN	DTVPLN	-DTVP1007
36	WATL	ATLANTA GA	346.9	PLN	DTVPLN	-NPLN1516
36	WCES-DT	WRENS GA	416.5	PLN	DTVPLN	-DTVP1009

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
 HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	34727	290.9
lost to additional IX by ATV	827	125.2
lost to ATV IX only	1313	169.7
lost to all IX	35554	416.1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
04	WTVY	DOTHAN AL	DTVPLN	-NPLN0274

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	WEARTV	PENSACOLA FL	182.8	PLN	DTVPLN	-NPLN0217
03	WRBL	COLUMBUS GA	180.7	PLN	DTVPLN	-NPLN0219
04	WJXT	JACKSONVILLE FL	407.0	PLN	DTVPLN	-NPLN0283
04	WWLTV	NEW ORLEANS LA	427.1	PLN	DTVPLN	-NPLN0291

Results for: 4N AL DOTHAN DTVPLN NPLN0274 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	818576	48559.4
lost to NTSC IX	53352	4080.6
lost to additional IX by ATV	0	0.0
lost to all IX	53352	4080.6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WTVY-DT	DOTHAN AL	BPCDT	-19991029ADN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WFGX	FORT WALTON BEACH FL	97.6	LIC	BLCT	-20030304AAC
35	WLTZ-DT	COLUMBUS GA	189.2	PLN	DTVPLN	-DTVP0971
35	WLTZ	COLUMBUS GA	189.2	CP MOD	BMPCDT	-20000501AFQ
36	WABM	BIRMINGHAM AL	302.2	CP	BPCDT	-19991029AGR
36	WABM-DT	BIRMINGHAM AL	301.1	PLN	DTVPLN	-DTVP1000
36	WUFT-DT	GAINESVILLE FL	348.1	PLN	DTVPLN	-DTVP1007

36	WATL	ATLANTA GA	346.9	LIC	BLCT	-20020816AAH
36	WCES-DT	WRENS GA	416.5	PLN	DTVPLN	-DTVP1009
36	WWLTV	NEW ORLEANS LA	427.1	GRANT	BPRM	-20000413AAA
36	WWL-DT	NEW ORLEANS LA	427.1	LIC	BLCDT	-20020506AAK
36	WUFT-DT	Gainesville FL	348.1	APP	CUR	-PROPOSED

Total scenarios = 4

Result key: 3
 Scenario 1 Affected station 5
 Before Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	1703	335.3
lost to ATV IX only	2112	404.0
lost to all IX	24523	480.8

Potential Interferring Stations Included in above Scenario 1

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	1703	335.3
lost to ATV IX only	2112	404.0
lost to all IX	24523	480.8

Potential Interferring Stations Included in above Scenario 1

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL Gainesville	CUR	PROPOSED	APP
*Percent Service lost without proposal:		4.9	to BPCDT 19991029ADN
*Percent Service lost with proposal:		4.9	to BPCDT 19991029ADN

Result key: 4
 Scenario 2 Affected station 5
 Before Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	274	44.4
lost to ATV IX only	290	52.5
lost to all IX	23094	189.9

Potential Interferring Stations Included in above Scenario 2

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	274	44.4
lost to ATV IX only	290	52.5
lost to all IX	23094	189.9

Potential Interferring Stations Included in above Scenario 2

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL Gainesville	CUR	PROPOSED	APP
*Percent Service lost without proposal:	4.7	to BPCDT	19991029ADN
*Percent Service lost with proposal:	4.7	to BPCDT	19991029ADN

Result key: 5
 Scenario 3 Affected station 5
 Before Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	3148	387.9
lost to ATV IX only	3913	464.6
lost to all IX	25968	533.3

Potential Interferring Stations Included in above Scenario 3

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	3148	387.9
lost to ATV IX only	3913	464.6
lost to all IX	25968	533.3

Potential Interferring Stations Included in above Scenario 3

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL Gainesville	CUR	PROPOSED	APP
*Percent Service lost without proposal:	5.0	to BPCDT	19991029ADN
*Percent Service lost with proposal:	5.0	to BPCDT	19991029ADN

Result key: 6
 Scenario 4 Affected station 5
 Before Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	1719	101.0
lost to ATV IX only	2256	137.4
lost to all IX	24539	246.4

Potential Interferring Stations Included in above Scenario 4

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN BPCDT 19991029ADN CP
 HAAT 573.0 m, ATV ERP 995.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	778424	43851.9
not affected by terrain losses	777423	43552.9
lost to NTSC IX	22820	145.4
lost to additional IX by ATV	1719	101.0
lost to ATV IX only	2256	137.4
lost to all IX	24539	246.4

Potential Interferring Stations Included in above Scenario 4

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL Gainesville	CUR	PROPOSED	APP
*Percent Service lost without proposal:	4.9	to BPCDT	19991029ADN
*Percent Service lost with proposal:	4.9	to BPCDT	19991029ADN

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WTVY-DT	DOTHAN AL	DTVPLN	-DTVP1001

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WFGX	FORT WALTON BEACH FL	97.6	LIC	BLCT	-20030304AAC
35	WLTZ-DT	COLUMBUS GA	189.2	PLN	DTVPLN	-DTVP0971
35	WLTZ	COLUMBUS GA	189.2	CP MOD	BMPCDT	-20000501AFQ
36	WABM	BIRMINGHAM AL	302.2	CP	BPCDT	-19991029AGR
36	WABM-DT	BIRMINGHAM AL	301.1	PLN	DTVPLN	-DTVP1000
36	WUFT-DT	GAINESVILLE FL	348.1	PLN	DTVPLN	-DTVP1007
36	WATL	ATLANTA GA	346.9	LIC	BLCT	-20020816AAH
36	WCES-DT	WRENS GA	416.5	PLN	DTVPLN	-DTVP1009
36	WWLTV	NEW ORLEANS LA	427.1	GRANT	BPRM	-20000413AAA
36	WWL-DT	NEW ORLEANS LA	427.1	LIC	BLCDDT	-20020506AAK
36	WUFT-DT	Gainesville FL	348.1	APP	CUR	-PROPOSED

Total scenarios = 4

Result key: 7

Scenario 1 Affected station 6

Before Analysis

Results for: 36A AL DOTHAN	DTVPLN	DTVP1001	PLN
HAAT 573.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	831525	49981.6	
not affected by terrain losses	826862	49343.2	
lost to NTSC IX	22624	226.3	
lost to additional IX by ATV	5988	816.1	

lost to ATV IX only	6701	969.7
lost to all IX	28612	1042.4

Potential Interferring Stations Included in above Scenario 1

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
 HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	6282	824.2
lost to ATV IX only	6995	977.7
lost to all IX	28906	1050.5

Potential Interferring Stations Included in above Scenario 1

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL Gainesville	CUR	PROPOSED	APP

*Percent Service lost without proposal: -0.9 to DTVPLN DTVP1001
 *Percent Service lost with proposal: -0.8 to DTVPLN DTVP1001

Result key: 8
 Scenario 2 Affected station 6
 Before Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
 HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	827	125.2
lost to ATV IX only	1313	169.7
lost to all IX	23451	351.5

Potential Interferring Stations Included in above Scenario 2

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
 HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	1121	133.3
lost to ATV IX only	1607	177.8
lost to all IX	23745	359.6

Potential Interferring Stations Included in above Scenario 2

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	DTVPLN	DTVP0971	PLN
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL Gainesville	CUR	PROPOSED	APP
*Percent Service lost without proposal:	-1.5	to DTVPLN	DTVP1001
*Percent Service lost with proposal:	-1.5	to DTVPLN	DTVP1001

Result key: 9
 Scenario 3 Affected station 6
 Before Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
 HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	13712	929.3
lost to ATV IX only	14585	1086.8
lost to all IX	36336	1155.5

Potential Interferring Stations Included in above Scenario 3

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
 HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	14006	937.3
lost to ATV IX only	14879	1094.9
lost to all IX	36630	1163.6

Potential Interferring Stations Included in above Scenario 3

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC	
36N GA ATLANTA	BLCT	20020816AAH	LIC	
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP	
36A AL BIRMINGHAM	BPCDT	19991029AGR	CP	
36A FL Gainesville	CUR	PROPOSED	APP	
*Percent Service lost without proposal:	0.1	to DTVPLN		DTVP1001
*Percent Service lost with proposal:	0.1	to DTVPLN		DTVP1001

Result key: 10
Scenario 4 Affected station 6
Before Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	9328	282.8
lost to ATV IX only	10139	375.7
lost to all IX	31952	509.1

Potential Interferring Stations Included in above Scenario 4

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL GAINESVILLE	DTVPLN	DTVP1007	PLN

After Analysis

Results for: 36A AL DOTHAN DTVPLN DTVP1001 PLN
HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	831525	49981.6
not affected by terrain losses	826862	49343.2
lost to NTSC IX	22624	226.3
lost to additional IX by ATV	9622	290.9
lost to ATV IX only	10433	383.8
lost to all IX	32246	517.1

Potential Interferring Stations Included in above Scenario 4

35N FL FORT WALTON BEACH	BLCT	20030304AAC	LIC
36N GA ATLANTA	BLCT	20020816AAH	LIC
35A GA COLUMBUS	BMPCDT	20000501AFQ	CP
36A AL BIRMINGHAM	DTVPLN	DTVP1000	PLN
36A FL Gainesville	CUR	PROPOSED	APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP1001
*Percent Service lost with proposal:	-0.4	to DTVPLN	DTVP1001

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Analysis of Interference to Affected Station 7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	WFTX	CAPE CORAL FL	DTVPLN	-NPLN1515

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WFTS	TAMPA FL	125.0	PLN	DTVPLN	-NPLN1328
29	WFTS-DT	TAMPA FL	125.0	PLN	DTVPLN	-DTVP0740
29	WFLX	WEST PALM BEACH FL	156.7	PLN	DTVPLN	-NPLN1353
33	WRXY-DT	TICE FL	1.3	PLN	DTVPLN	-DTVP0897
34	WUSF-DT	TAMPA FL	125.6	PLN	DTVPLN	-DTVP0933
35	WFTX-DT	CAPE CORAL FL	0.0	PLN	DTVPLN	-DTVP0969
35	WCTD	MIAMI FL	192.9	PLN	DTVPLN	-NPLN1492
36	WUFT-DT	GAINESVILLE FL	329.1	PLN	DTVPLN	-DTVP1007
36	WHBI-DT	LAKE WORTH FL	170.8	PLN	DTVPLN	-DTVP1008
38	WTTA	ST. PETERSBURG FL	125.0	PLN	DTVPLN	-NPLN1538
40	WWSB	SARASOTA FL	101.5	PLN	DTVPLN	-NPLN1580
43	WBSF	MELBOURNE FL	189.5	PLN	DTVPLN	-NPLN1637
44	WTOG	ST. PETERSBURG FL	123.8	PLN	DTVPLN	-NPLN1656
50	WBHSTV	TAMPA FL	125.0	PLN	DTVPLN	-NPLN1772
51	WSCV	FORT LAUDERDALE FL	183.3	PLN	DTVPLN	-NPLN1792

Results for: 36N FL CAPE CORAL	DTVPLN	NPLN1515	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	879142	24096.8	
not affected by terrain losses	879142	24096.8	
lost to NTSC IX	9151	189.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	9151	189.8	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WFTX	CAPE CORAL FL	BLCT	-19880310KG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WFTS-TV	TAMPA FL	125.0	CP	BPCT	-19960702KP
29	WFTS-DT	TAMPA FL	125.0	LIC	BLCDDT	-20020319AAG
29	WFTS-DT	TAMPA FL	125.0	PLN	DTVPLN	-DTVP0740
29	WFLX	WEST PALM BEACH FL	156.7	CP	BPCT	-19990910AAA
33	WRXY-DT	TICE FL	1.3	PLN	DTVPLN	-DTVP0897
33	WRXY-DT	TICE FL	1.3	CP	BPCDDT	-19991028AFP
34	WUSF-DT	TAMPA FL	125.6	CP	BPEDT	-19991217ACB
34	WUSF-DT	TAMPA FL	125.6	PLN	DTVPLN	-DTVP0933
35	WFTX	CAPE CORAL FL	0.0	LIC	BLCDDT	-20020211AAC
35	WFTX-DT	CAPE CORAL FL	0.0	PLN	DTVPLN	-DTVP0969
35	WPXM	MIAMI FL	192.9	LIC	BLCT	-19921026KE
36	WUFT-DT	GAINESVILLE FL	329.1	PLN	DTVPLN	-DTVP1007
36	WPXP-DT	LAKE WORTH FL	159.4	CP MOD	BMPCDDT	-20020501AAH
36	WHBI-DT	LAKE WORTH FL	170.8	PLN	DTVPLN	-DTVP1008
38	WTTA	ST. PETERSBURG FL	125.0	CP	BPCT	-19950629KQ

40	WWSB	SARASOTA FL	101.2	CP	BPCT	-19991012AAS
43	WBSF	MELBOURNE FL	189.4	LIC	BLCT	-19980422KG
44	WTOG	ST. PETERSBURG FL	123.8	LIC	BLCT	-19990415KI
50	WBHS-TV	TAMPA FL	125.0	CP	BPCT	-19960710KG
51	WSCV	FORT LAUDERDALE FL	183.6	LIC	BLCT	-20020805AAC
36	WUFT-DT	Gainesville FL	329.1	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WFTX	CAPE CORAL FL	BPCT	-20000912AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WFTS-TV	TAMPA FL	125.0	CP	BPCT	-19960702KP
29	WFTS-DT	TAMPA FL	125.0	LIC	BLCDT	-20020319AAG
29	WFTS-DT	TAMPA FL	125.0	PLN	DTVPLN	-DTVP0740
29	WFLX	WEST PALM BEACH FL	156.7	CP	BPCT	-19990910AAA
33	WRXY-DT	TICE FL	1.2	PLN	DTVPLN	-DTVP0897
33	WRXY-DT	TICE FL	1.2	CP	BPCDT	-19991028AFP
34	WUSF-DT	TAMPA FL	125.6	CP	BPEDT	-19991217ACB
34	WUSF-DT	TAMPA FL	125.6	PLN	DTVPLN	-DTVP0933
35	WFTX	CAPE CORAL FL	0.0	LIC	BLCDT	-20020211AAC
35	WFTX-DT	CAPE CORAL FL	0.0	PLN	DTVPLN	-DTVP0969
35	WPXM	MIAMI FL	192.9	LIC	BLCT	-19921026KE
36	WUFT-DT	GAINESVILLE FL	329.1	PLN	DTVPLN	-DTVP1007
36	WPXP-DT	LAKE WORTH FL	159.5	CP MOD	BMPCDT	-20020501AAH
36	WHBI-DT	LAKE WORTH FL	170.9	PLN	DTVPLN	-DTVP1008
38	WTTA	ST. PETERSBURG FL	125.0	CP	BPCT	-19950629KQ
40	WWSB	SARASOTA FL	101.2	CP	BPCT	-19991012AAS
43	WBSF	MELBOURNE FL	189.4	LIC	BLCT	-19980422KG
44	WTOG	ST. PETERSBURG FL	123.8	LIC	BLCT	-19990415KI
50	WBHS-TV	TAMPA FL	125.0	CP	BPCT	-19960710KG
51	WSCV	FORT LAUDERDALE FL	183.6	LIC	BLCT	-20020805AAC
36	WUFT-DT	Gainesville FL	329.1	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 9

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	WHBI-DT	LAKE WORTH FL	DTVPLN	-DTVP1008

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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35	WFTX-DT	CAPE CORAL FL	170.8	PLN	DTVPLN	-DTVP0969
35	WCTD	MIAMI FL	118.1	PLN	DTVPLN	-NPLN1492
36	WFTX	CAPE CORAL FL	170.8	PLN	DTVPLN	-NPLN1515
36	WUFT-DT	GAINESVILLE FL	401.5	PLN	DTVPLN	-DTVP1007

Results for: 36A FL LAKE WORTH DTVPLN DTVP1008 PLN
 HAAT 60.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	716567	3813.8
not affected by terrain losses	716567	3813.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
67	WHBI	LAKE WORTH FL	DTVPLN -NPLN1989

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
68	WBCC	COCOA FL	193.9	PLN	DTVPLN -NPLN1999
69	WYHSTV	HOLLYWOOD FL	85.4	PLN	DTVPLN -NPLN2011

Results for: 67N FL LAKE WORTH DTVPLN NPLN1989 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	716567	3813.8
not affected by terrain losses	716567	3813.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	WPXP-DT	LAKE WORTH FL	BMPCDT -20020501AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WFTX	CAPE CORAL FL	159.5	LIC	BLCDT -20020211AAC
35	WFTX-DT	CAPE CORAL FL	159.4	PLN	DTVPLN -DTVP0969
35	WPXM	MIAMI FL	101.0	LIC	BLCT -19921026KE
36	WFTX	CAPE CORAL FL	159.5	CP	BPCT -20000912AAI
36	WUFT-DT	GAINESVILLE FL	407.5	PLN	DTVPLN -DTVP1007
36	WUFT-DT	Gainesville FL	407.5	APP	CUR -PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	WHBI-DT	LAKE WORTH FL	DTVPLN -DTVP1008

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WFTX	CAPE CORAL FL	170.9	LIC	BLCDT	-20020211AAC
35	WFTX-DT	CAPE CORAL FL	170.8	PLN	DTVPLN	-DTVP0969
35	WPXM	MIAMI FL	118.1	LIC	BLCT	-19921026KE
36	WFTX	CAPE CORAL FL	170.9	CP	BPCT	-20000912AAI
36	WUFT-DT	GAINESVILLE FL	401.5	PLN	DTVPLN	-DTVP1007
36	WUFT-DT	Gainesville FL	401.5	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WHBI-DT	LAKE WORTH FL	DTVPLN	-DTVP1008

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WFTX	CAPE CORAL FL	170.9	LIC	BLCDT	-20020211AAC
35	WFTX-DT	CAPE CORAL FL	170.8	PLN	DTVPLN	-DTVP0969
35	WPXM	MIAMI FL	118.1	LIC	BLCT	-19921026KE
36	WFTX	CAPE CORAL FL	170.9	CP	BPCT	-20000912AAI
36	WUFT-DT	GAINESVILLE FL	401.5	PLN	DTVPLN	-DTVP1007
36	WUFT-DT	Gainesville FL	401.5	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 12

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	WCES-DT	WRENS GA	DTVPLN	-DTVP1009

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WUBI-DT	BAXLEY GA	166.2	PLN	DTVPLN	-DTVP0970
35	WRLKTV	COLUMBIA SC	157.1	PLN	DTVPLN	-NPLN1507
35	WGGS-DT	GREENVILLE SC	187.2	PLN	DTVPLN	-DTVP0992
36	WABM-DT	BIRMINGHAM AL	424.5	PLN	DTVPLN	-DTVP1000
36	WTVY-DT	DOTHAN AL	416.5	PLN	DTVPLN	-DTVP1001
36	WUFT-DT	GAINESVILLE FL	394.7	PLN	DTVPLN	-DTVP1007
36	WATL	ATLANTA GA	199.9	PLN	DTVPLN	-NPLN1516
36	WCNCTV	CHARLOTTE NC	253.6	PLN	DTVPLN	-NPLN1522
36	WFAY-DT	FAYETTEVILLE NC	346.4	PLN	DTVPLN	-DTVP1025
36	WMMP	CHARLESTON SC	233.0	PLN	DTVPLN	-NPLN1529
36	WKZX-DT	COOKEVILLE TN	424.2	PLN	DTVPLN	-DTVP1033

Results for: 36A GA WRENS DTVPLN DTVP1009 PLN
 HAAT 452.0 m, ATV ERP 326.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	628078	25571.1
not affected by terrain losses	627729	25503.2
lost to NTSC IX	14680	914.3
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	14680	914.3

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
20	WCESTV	WRENS GA	DTVPLN -NPLN1074

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WGXA-DT	MACON GA	131.6	PLN	DTVPLN -DTV0212
18	WNEH-DT	GREENWOOD SC	124.2	PLN	DTVPLN -DTV0322
19	WGNX-DT	ATLANTA GA	199.9	PLN	DTVPLN -DTV0347
19	WLTX	COLUMBIA SC	168.8	PLN	DTVPLN -NPLN1057
20	WCOVTV	MONTGOMERY AL	387.7	PLN	DTVPLN -NPLN1064
20	WTBS-DT	ATLANTA GA	203.4	PLN	DTVPLN -DTV0393
20	WABW-DT	PELHAM GA	291.6	PLN	DTVPLN -DTV0394
20	WBFX	LEXINGTON NC	376.0	PLN	DTVPLN -NPLN1085
20	WWMB-DT	FLORENCE SC	299.3	PLN	DTVPLN -DTV0416
20	WINT	CROSSVILLE TN	368.1	PLN	DTVPLN -NPLN1090
21	WPBA-DT	ATLANTA GA	197.9	PLN	DTVPLN -DTV0432
24	WGXA	MACON GA	131.6	PLN	DTVPLN -NPLN1205
27	WRJATV	SUMTER SC	199.0	PLN	DTVPLN -NPLN1316
34	WNGMTV	ATHENS GA	174.4	PLN	DTVPLN -NPLN1471
34	WUBI	BAXLEY GA	166.2	PLN	DTVPLN -NPLN1472
35	WRLKTV	COLUMBIA SC	157.1	PLN	DTVPLN -NPLN1507

Results for: 20N GA WRENS DTVPLN NPLN1074 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	627801	25547.2
not affected by terrain losses	621046	25275.7
lost to NTSC IX	6736	682.7
lost to additional IX by ATV	20704	1213.7
lost to all IX	27440	1896.4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	WCES-DT	WRENS GA	DTVPLN -DTV1009

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WGSA	BAXLEY GA	159.7	APP	BMPCDT -20010608AAE
35	WUBI-DT	BAXLEY GA	166.2	PLN	DTVPLN -DTV0970
35	WGSA-DT	BAXLEY GA	145.5	CP	BPCDT -19991101AIG
35	960920YR	WARNER ROBINS GA	144.9	APP	BPCT -19960920YR
35	970331SY	WARNER ROBINS GA	125.3	APP	BPCT -19970331SY
35	WRLK-TV	COLUMBIA SC	157.1	LIC	BMLET -20010523ABS
35	WGGSDT	GREENVILLE SC	187.2	PLN	DTVPLN -DTV0992

35	WGG	DT	GREENVILLE SC	187.2	CP	BPCDT	-19991027ABK
36	WABM		BIRMINGHAM AL	420.4	CP	BPCDT	-19991029AGR
36	WABM-DT		BIRMINGHAM AL	424.5	PLN	DTVPLN	-DTVP1000
36	WTVY-DT		DOTHAN AL	416.5	CP	BPCDT	-19991029ADN
36	WTVY-DT		DOTHAN AL	416.5	PLN	DTVPLN	-DTVP1001
36	WUFT-DT		GAINESVILLE FL	394.7	PLN	DTVPLN	-DTVP1007
36	WATL		ATLANTA GA	199.8	LIC	BLCT	-20020816AAH
36	WCNC-TV		CHARLOTTE NC	253.6	LIC	BLCT	-19880914KF
36	WFPX-DT		FAYETTEVILLE NC	346.5	LIC	BLCDT	-20021025AAD
36	WFAY-DT		FAYETTEVILLE NC	346.4	PLN	DTVPLN	-DTVP1025
36	WMMP		CHARLESTON SC	233.0	LIC	BLCT	-19970627KE
36	WKZX-DT		COOKEVILLE TN	424.2	PLN	DTVPLN	-DTVP1033
36	NEW		JOHNSON CITY TN	309.7	APP	BPRM	-20000717AEY
36	WUFT-DT		Gainesville FL	394.7	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WJEB-TV	JACKSONVILLE FL	BPET	-20020523AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WUFT-DT	GAINESVILLE FL	101.7	PLN	DTVPLN	-DTVP1007
41	960724KW	LAKE CITY FL	59.4	APP	BPET	-19960724KW
42	WJXT-DT	JACKSONVILLE FL	1.1	PLN	DTVPLN	-DTVP1187
43	WVAG-DT	VALDOSTA GA	198.8	CP	BPCDT	-20010731ABH
43	WGVP-DT	VALDOSTA GA	198.8	PLN	DTVPLN	-DTVP1222
44	WGIQ-DT	LOUISVILLE AL	402.0	CP MOD	BMPEDT	-20030620ABE
44	WGIQ-DT	LOUISVILLE AL	402.0	PLN	DTVPLN	-DTVP1252
44	WJEB-DT	JACKSONVILLE FL	0.7	CP	BPEDT	-20000428ACG
44	WJEB-DT	JACKSONVILLE FL	0.0	PLN	DTVPLN	-DTVP1258
44	WTOG	ST. PETERSBURG FL	280.4	LIC	BLCT	-19990415KI
44	WGVP	VALDOSTA GA	198.8	LIC	BLCT	-19951107KI
44	960628KL	AIKEN SC	380.6	APP	BPET	-19960628KL
44	WJWJ-DT	BEAUFORT SC	283.4	PLN	DTVPLN	-DTVP1280
45	WLCB-TV	LEESBURG FL	179.1	CP MOD	BMPET	-20000717AAM
47	WTEV-TV	JACKSONVILLE FL	0.1	LIC	BLCT	-19881116KG
48	WFXU-DT	LIVE OAK FL	141.8	PLN	DTVPLN	-DTVP1386
51	WOGX	OCALA FL	125.9	LIC	BLCT	-19831107KI
59	WJEB-TV	JACKSONVILLE FL	0.0	LIC	BLET	-19910604KE
36	WUFT-DT	Gainesville FL	101.7	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	WUFT-DT	Gainesville FL	CUR -PROPOSED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WOFL	ORLANDO FL	176.6	CP	BPCT -19960626KE
36	WTVY-DT	DOTHAN AL	348.1	CP	BPCDT -19991029ADN
36	WTVY-DT	DOTHAN AL	348.1	PLN	DTVPLN -DTVP1001
36	WFTX	CAPE CORAL FL	329.1	CP	BPCT -20000912AAI
36	WPXP-DT	LAKE WORTH FL	407.5	CP MOD	BMPCDT -20020501AAH
36	WHBI-DT	LAKE WORTH FL	401.5	PLN	DTVPLN -DTVP1008
36	WCES-DT	WRENS GA	394.7	PLN	DTVPLN -DTVP1009
36	WMMP	CHARLESTON SC	418.9	LIC	BLCT -19970627KE

Total scenarios = 1

Result key: 11
Scenario 1 Affected station 14
Before Analysis

Results for: 36A FL Gainesville	CUR	PROPOSED	APP
HAAT 262.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	910672	26462.1	
not affected by terrain losses	910672	26462.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	0	0.0	
lost to all IX	0	0.0	

Potential Interferring Stations Included in above Scenario 1

*Percent Service lost without proposal:	0.0 to CUR	PROPOSED
*Percent Service lost with proposal:	0.0 to CUR	PROPOSED

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

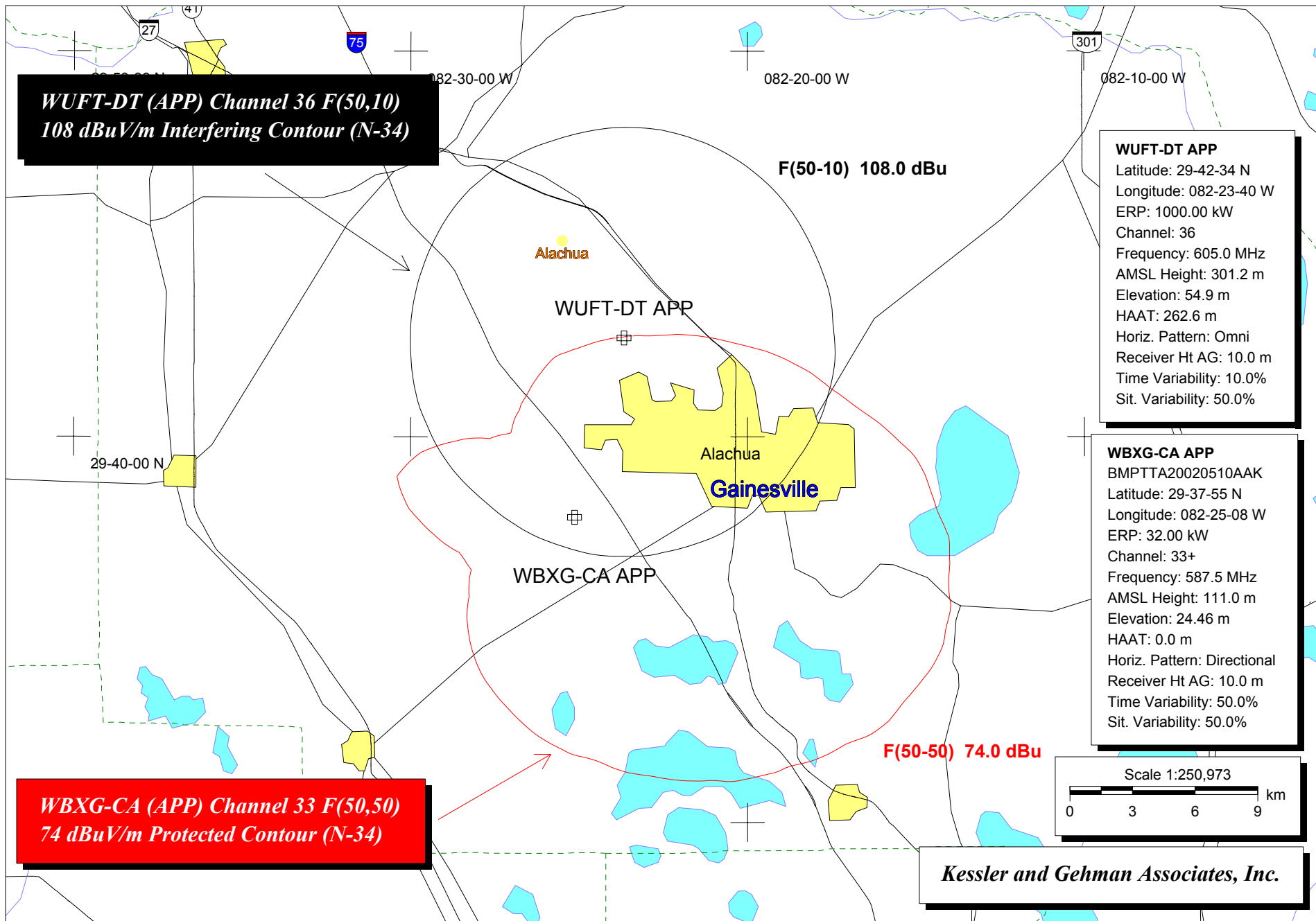


EXHIBIT 14

WBXG-CA (APP) Incoming Longley-Rice Interference Study

WBXG-CA APP (33+) Gainesville, FL - BMPPTA20020510AAK

TV Incoming Interference Study

Signal Resolution: 2 km

Consider NTSC Taboo: Yes

of radials computed for contours: 36

Contours calculated using 8 radial HAAT.

LR Profile Spacing Increment: 1.0 km

Interference considered within the reference station's 74 dBu FCC contour.

Using NTSC lptv/translators D/U rules.

Threshold for reception: 74.0

Study Date: 9/4/2003

TV Database Date: 09-04-03

Population Database: 1990 US Census

Percentages calculated using a baseline population of 134,290.

Stations considered which do not cause interference:

WVENTV (26Z)
WOGX-D (31)
WTEVTV (47-)
WUFT-DT APP (36)

Call Letters	City	State	Dist	Bear
WVENTV (26Z)	Daytona Beach	FL	97.6	112.9
WOGX-D (31)	Ocala	FL	31.5	163.8
WTEVTV (47-)	Jacksonville	FL	109.0	48.8
WUFT-DT APP (36)	Gainesville	FL	8.9	15.4

Totals for WBXG-CA APP (33+)

Calculation Area Population:	135,206	(	402.9 sq. km)
Not Affected by Terrain Loss:	135,206	(	402.9 sq. km)
Total NTSC Interference:	0	(	0.0 sq. km)
DTV Only Interference:	0	(	0.0 sq. km)
Total DTV Interference:	0	(	0.0 sq. km)
Interfered Population:	0	(	0.0 sq. km)
Interference Free:	135,206	(	402.9 sq. km)

Percent Interference: 0.00

Terrain Blocked Population:	0	(	0.0 sq. km)
Contour Area Population:	134,290		

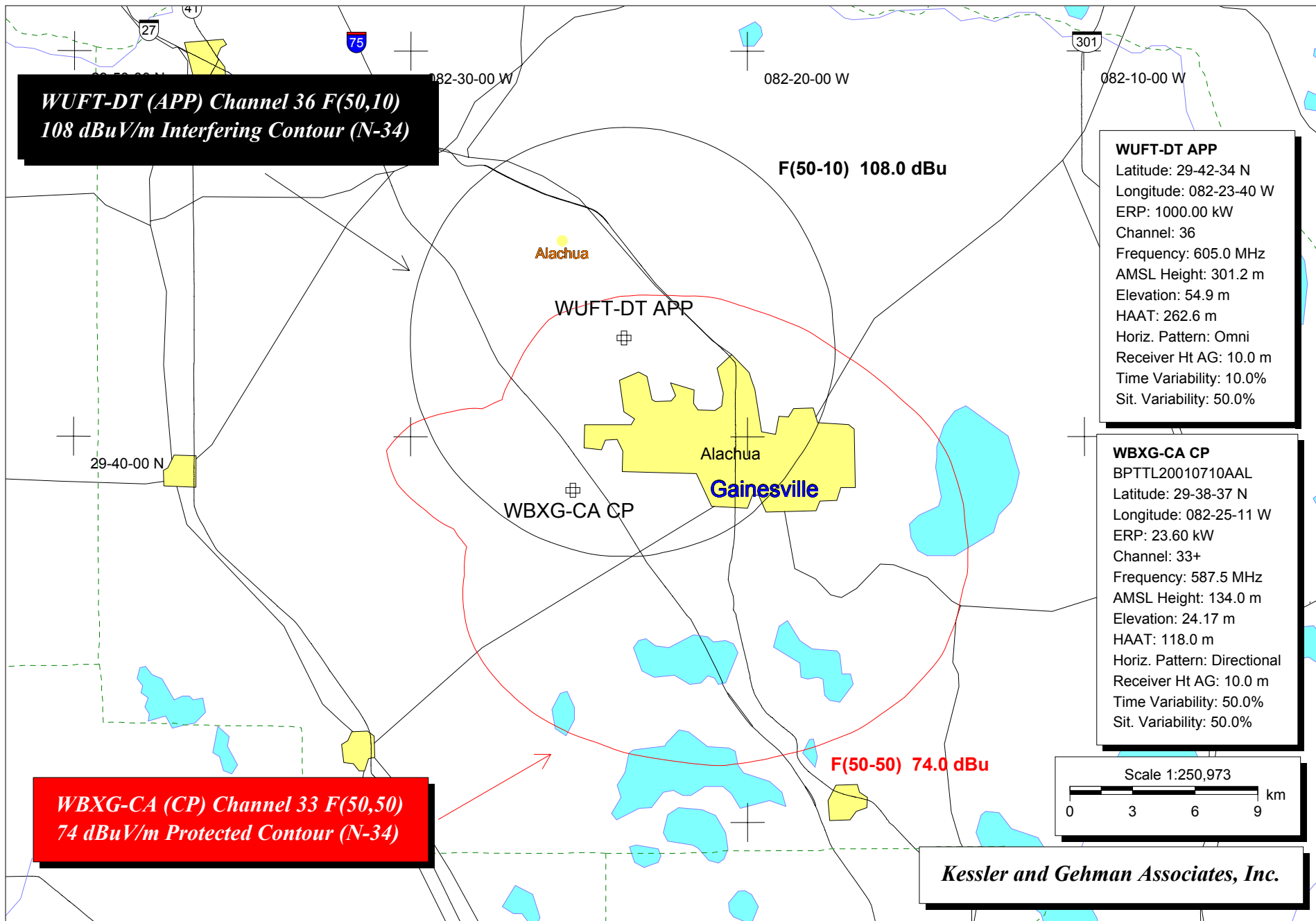


EXHIBIT 16

WBXG-CA (CP) Incoming Longley-Rice Interference Study from WUFT-DT APP

WBXG-CA CP (33+) Gainesville, FL - BPTTL20010710AAL
TV Incoming Interference Study
Signal Resolution: 2 km
Consider NTSC Taboo: Yes
of radials computed for contours: 36
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 1.0 km
Interference considered within the reference station's 74 dBu FCC contour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 74.0

Study Date: 9/4/2003
TV Database Date: 09-04-03

Population Database: 1990 US Census

Percentages calculated using a baseline population of 140,225.

Stations considered which do not cause interference:

WVENTV (26Z)
WOGX-D (31)
WTEVTV (47-)
WUFT-DT APP (36)

Call Letters	City	State	Dist	Bear
WVENTV (26Z)	Daytona Beach	FL	98.2	113.6
WOGX-D (31)	Ocala	FL	32.8	164.3
WTEVTV (47-)	Jacksonville	FL	108.2	49.4
WUFT-DT APP (36)	Gainesville	FL	7.7	18.5

Totals for WBXG-CA CP (33+)

Calculation Area Population:	140,452	(	449.5 sq. km)
Not Affected by Terrain Loss:	140,452	(	449.5 sq. km)
Total NTSC Interference:	0	(	0.0 sq. km)
DTV Only Interference:	0	(	0.0 sq. km)
Total DTV Interference:	0	(	0.0 sq. km)
Interfered Population:	0	(	0.0 sq. km)
Interference Free:	140,452	(	449.5 sq. km)

Percent Interference: 0.00

Terrain Blocked Population:	0	(	0.0 sq. km)
Contour Area Population:	140,225		

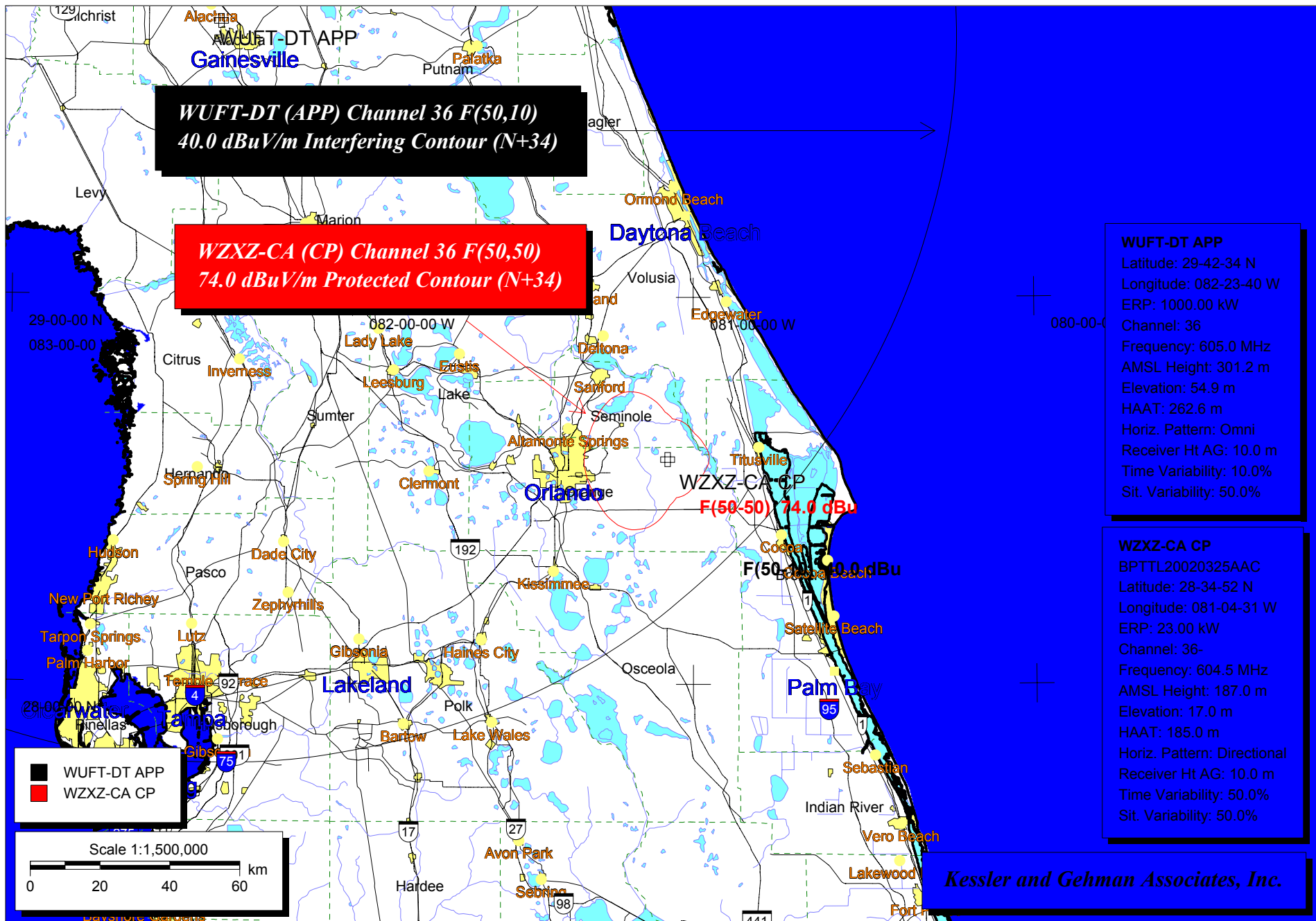


EXHIBIT 18

WZXX-CA (CP) Incoming Longley-Rice Interference Study from WUFT-DT APP

WZXX-C.C (36-) Orlando, Etc., FL - BPTTL20020325AAC
TV Incoming Interference Study
Signal Resolution: 2 km
Consider NTSC Taboo: Yes
of radials computed for contours: 36
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 1.0 km
Interference considered within the reference station's 74 dBu FCC contour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 74.0

Study Date: 9/4/2003
TV Database Date: 09-04-03

Population Database: 1990 US Census

Percentages calculated using a baseline population of 198,704.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WOFL (35+)	83073	205771	103.557	929.49
WUFT-DT APP (36)	0	0	0.000	4.28

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WOFL (35+)	205771	103.557	205771	103.557
WUFT-DT APP (36)	0	0.000	0	0.000

Stations considered which do not cause interference:

WFTX (36Z)
WFTV-D (39)
WOTF (43+)
WUFT-DT APP (36)

Call Letters	City	State	Dist	Bear
WOFL (35+)	Orlando	FL	2.7	336.5
WFTX (36Z)	Cape Coral	FL	210.4	200.1
WFTV-D (39)	Orlando	FL	2.5	124.2
WOTF (43+)	Melbourne	FL	34.4	152.3
WUFT-DT APP (36)	Gainesville	FL	179.2	314.6

Totals for WZXX-C.C (36-)

Calculation Area Population:	211,001	(	985.2 sq. km)
Not Affected by Terrain Loss:	211,001	(	985.2 sq. km)
Total NTSC Interference:	205,771	(	929.5 sq. km)
DTV Only Interference:	0	(	0.0 sq. km)
Total DTV Interference:	0	(	4.3 sq. km)

Interfered Population:	205,771	(	929.5 sq. km)
Interference Free:	5,230	(	55.7 sq. km)
Percent Interference:	103.56		
Terrain Blocked Population:	0	(	0.0 sq. km)
Contour Area Population:	198,704		

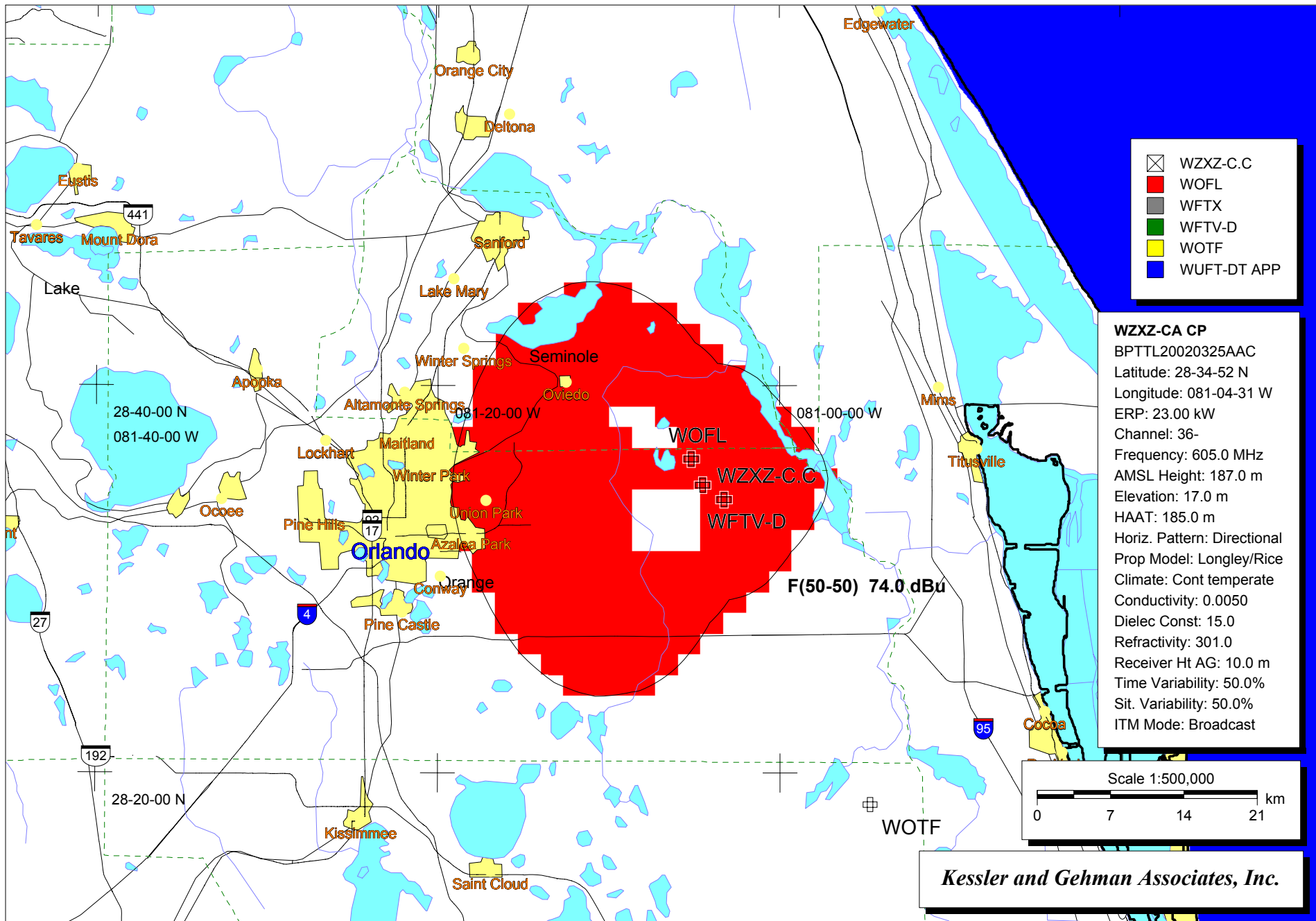


EXHIBIT 20

WZXZ-CA (CP) Incoming Longley-Rice Interference Study from WUFT-DT APP (ONLY)

WZXZ-C.C (36-) Orlando, Etc., FL - BPTTL20020325AAC

TV Incoming Interference Study

Signal Resolution: 2 km

Consider NTSC Taboo: Yes

of radials computed for contours: 36

Contours calculated using 8 radial HAAT.

LR Profile Spacing Increment: 1.0 km

Interference considered within the reference station's 74 dBu FCC contour.

Using NTSC lptv/translators D/U rules.

Threshold for reception: 74.0

Study Date: 9/4/2003

TV Database Date: 09-04-03

Population Database: 1990 US Census

Percentages calculated using a baseline population of 198,704.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WUFT-DT APP (36)	0	0	0.000	4.28

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WUFT-DT APP (36)	0	0.000	0	0.000

Call Letters	City	State	Dist	Bear
WUFT-DT APP (36)	Gainesville	FL	179.2	314.6

Totals for WZXZ-C.C (36-)

Calculation Area Population:	211,001	(	985.2 sq. km)
Not Affected by Terrain Loss:	211,001	(	985.2 sq. km)
Total NTSC Interference:	0	(	0.0 sq. km)
DTV Only Interference:	0	(	4.3 sq. km)
Total DTV Interference:	0	(	4.3 sq. km)
Interfered Population:	0	(	4.3 sq. km)
Interference Free:	211,001	(	980.9 sq. km)

Percent Interference: 0.00

Terrain Blocked Population:	0	(	0.0 sq. km)
Contour Area Population:	198,704		