

**WIIQ-DT CHANNEL 19 MINOR MODIFICATION
OF CONSTRUCTION PERMIT APPLICATION
TO CHANGE ANTENNA SYSTEM; ANTENNA
HEIGHT RADIATION CENTER ABOVE GROUND
LEVEL; AND ANTENNA HEIGHT RADIATION
CENTER ABOVE AVERAGE TERRAIN
DEMOPOLIS, ALABAMA
*(Alabama Educational Television Commission)***

KESSLER & GEHMAN ASSOCIATES, INC.
TELECOMMUNICATIONS CONSULTING ENGINEERS

20030722

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 ALABAMA EDUCATIONAL TELEVISION COMMISSION'S ("AETC") DIGITAL BROADCAST FACILITY, WIIQ-DT CHANNEL 19, DEMOPOLIS, AL.

The firm Kessler and Gehman Associates, Inc. was retained by the Alabama Educational Television Commission ("AETC"), Birmingham, Alabama to prepare engineering studies and the engineering portion of a minor modification of construction permit application which requests FCC authorization to change the antenna system and the antenna height radiation center.

Discussion

The AETC currently has a construction permit (BMPEDT-20000501AIV) to build and operate WIIQ-DT on DTV Channel 19 with an ERP of 1,000 kW at an antenna height radiation center of 285 meters above ground level ("AGL") using a Dielectric model TFU-31JSC P230 directional side-mount antenna. The AETC is licensed to operate WIIQ-TV on NTSC Channel 41 with an ERP of 1,950 kW at an antenna height radiation center of 296 meters above ground level ("AGL") using a Harris model TWSC-30P directional antenna (peanut).

The AETC filed a maximization application for construction permit back in May 2000 to meet the FCC's maximization filing deadline. Since that time the AETC awarded TCI their antenna contract which called for a TCI-888 antenna for the WIIQ-DT facility, however, TCI was bought out by Dielectric and the antenna contract had to be amended. The AETC decided to purchase the Dielectric model TUF-P4-12/48H-1 broadband directional antenna (peanut) in order to combine the WIIQ-TV Channel 41 and WIIQ-DT Channel 19 radio frequencies.

This minor modification of construction permit application requests authority to do the following: 1) change antennas from the authorized Dielectric model TFU-31JSC P230 directional side-mount antenna (peanut) to the proposed Dielectric model TUF-P4-12/48H-1 broadband directional top-mount antenna (peanut); and 2) increase the antenna height radiation center. The antenna height radiation center would increase because the authorized side-mount antenna would be superseded by the proposed top-mount antenna.

Exhibit 12 is an FCC contour map depicting the authorized F(50,90) 39.3 dBuV/m noise limited contour (black) and the proposed F(50,90) 39.3 dBuV/m noise limited contour (red). Exhibit 12 verifies that the proposed noise limited contour exceeds the authorized noise limited contour in various azimuthal directions. Exhibit 14 is an antenna azimuth pattern relative field comparison spread sheet which compares the relative field values between the authorized antenna and the proposed antenna. The far right column depicts "OK" if the proposed azimuth pattern relative field values are less than or equal to the authorized azimuth pattern relative field values and depicts "ERROR" if the proposed azimuth pattern relative field values are greater than the authorized azimuth pattern relative field values. As you can see, the proposed antenna azimuth pattern relative field values are greater than the authorized antenna azimuth pattern relative field values at 30°, 40°, 50°, 130°, 140°, 150°, 210°, 220°, 230°, 310°, 320° and 330°. The proposed antenna height radiation center would be higher than the authorized antenna height radiation center since the proposed antenna is a top-mount and the authorized antenna is a side-mount. Therefore, Exhibit 12 shows that the authorized facility's noise limited contour would not completely encompass the

proposed facility's noise limited contour. Exhibit 15 goes into even more detail by comparing the distance to contour values of the authorized and proposed noise limited contours. Exhibit 15 shows that the proposed facility's noise limited contour would exceed the authorized noise limited contour on 228 out of the 360 radials. Since the proposed facility's noise limited contour would exceed the authorized facility's noise limited contour in multiple azimuthal directions, it is necessary to perform interference studies to show that the proposed facility would not cause unacceptable interference to any applicable surrounding stations.

Exhibit 13 is a principal community coverage map which verifies that the proposed principal community contour would encompass the entire principal community of Demopolis, AL.

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 16).

Spacing violations were found between the following stations:

- WMAH-TV CH 19 BILOXI, MS
- WLDM-TV CH 23 (LICENSE) TUSCALOOSA, AL
- WLDM-TV CH 23 (CONSTRUCTION PERMIT) TUSCALOOSA, AL

The interference studies depicted in Exhibit 16 verify that the proposed WIIQ-DT Channel 19 station would not cause unacceptable interference to WMAH-TV, WLDM-TV CH 23 (License) or WLDM-TV CH 23 (Construction Permit).

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 facility would have contour overlap to the WOTM-L Class A station as mentioned in Exhibit 16. Exhibit 16 identifies the Class A station as W19CB Channel 19, Montevallo, AL but that call sign was changed from W19CB to WOTM-L on January 24th, 2001.

Exhibit 17 depicts the WOTM-L facility's F(50,50) 74.0 dBuV/m protected contour as well as the authorized WIIQ-DT facility's and proposed WIIQ-DT facility's F(50,90) 39.3 dBuV/m protected noise limited contours. The purpose of this exhibit is to show the location of the Class A station relative to the location of the WIIQ-DT station and to pictorially show the relation between the proposed and authorized facility's noise limited contours to that of the Class A facility's protected contour.

Exhibit 18 verifies that the WIIQ-DT proposed and authorized F(50,10) 40.0 dBuV/m interfering contours would overlap the WOTM-L F(50,50) 74.0 dBuV/m protected contour. Therefore, the AETC requests a waiver to make full use of terrain shielding and Longley-Rice terrain dependent propagation methods.

Exhibits 19 and 20 are detailed WOTM-L Channel 19 Class A Longley-Rice interference studies. The studies were run to show that the proposed WIIQ-DT Channel 19 facility would cause 0.5% interference, or less, to the WOTM-L Class A facility. 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 19, the WOTM-L Channel 19 facility is predicted to receive 0.516% interference from all surrounding stations, including the authorized WIIQ-DT Channel 19 station. Exhibit 20 shows that the WOTM-L Channel 19 facility is also predicted to receive 0.516% interference from all surrounding stations, including the proposed WIIQ-DT Channel 19 station. Therefore, the proposed WIIQ-DT Channel 19 facility would not introduce any new interference to the WOTM-L Class A station and accordingly, complies with the FCC's rules with respect to Class A station protection.

Transmitter Site

The proposed WIIQ-DT antenna is a top-mount Dielectric model TUF-P4-12/48H-1 horizontally polarized, directional (peanut), broadband antenna. The tower is registered with the FCC and the registration number is 1036416. The support structure is located approximately 6 miles northwest of Linden, AL. The proposed antenna height radiation center is 296.3 meters AGL. The overall height of the support structure is 304.5 meters AGL as depicted in the FCC antenna structure registration and Exhibit 3's elevation view of the support structure.

Exhibits

Exhibits 1 and 2 represent WIIQ-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.

Exhibits 7 and 8 display the azimuth pattern and azimuth pattern tabulation respectively.

Exhibits 9 and 10 display the ERP-dBk pattern and tabulation respectively.

Exhibit 11 depicts the location of the WIIQ-DT site on a 7.5-Minute (Series) Topographic map.

Exhibit 12 depicts the WIIQ-DT Channel 19 authorized noise limited contour and the proposed WIIQ-DT Channel 19 noise limited contour and depicts the area where the proposed pattern exceeds the authorized pattern.

Exhibit 13 depicts the proposed WIIQ-DT noise limited and principal community contours, boundaries of the principal community to be served, and the transmitting location with radials every 45°.

Exhibit 14 is an antenna azimuth pattern relative field comparison spread sheet which compares the relative field values between the authorized antenna and the proposed antenna.

Exhibit 15 compares the distance to contour values (km) of the authorized and proposed noise limited contours.

Exhibit 16 is a detailed Longley-Rice interference study of proposed WIIQ-DT Channel 19 station to all applicable surrounding stations.

Exhibit 17 depicts the WOTM-L facility's F(50,50) 74.0 dBuV/m protected contour as well as the authorized WIIQ-DT facility's and proposed WIIQ-DT facility's F(50,90) 39.3 dBuV/m protected noise limited contours.

Exhibit 18 verifies that the WIIQ-DT proposed and authorized F(50,10) 40.0 dBuV/m interfering contours would overlap the WOTM-L F(50,50) 74.0 dBuV/m protected contour.

Exhibits 19 and 20 are detailed WOTM-L Channel 19 Class A Longley-Rice interference studies.

Environmental Impact

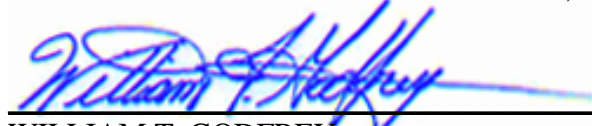
The proposed construction will have no significant environmental impact as defined in §1.1307 of the FCC Rules. The DTV transmitter, 6-1/8 inch (75-ohm) transmission line and antenna system will produce an ERP of 1,000 kW. It was determined that the maximum lobe of radiation from the base of the tower out to approximately 1,468.5 feet occurs at approximately 197.8 feet from the base of the tower. At approximately 197.8 feet from the base of the tower, the depression angle of the main lobe is 78.5° below the horizontal. At that point, the relative field is 0.045 and the power density six feet above the ground is 0.00078 mW/cm². This is 0.05% of the maximum permissible exposure ("MPE") limits for Occupational/Controlled Exposure and 0.23% of the MPE limits for General Population/Uncontrolled Exposure authorized by the American National Standards Institute ("ANSI"). Since the proposed operation of WIIQ-DT Channel 19 would not exceed 5.0% of the MPE limit for Occupational/Controlled Exposure or General Population/Uncontrolled Exposure at any point on the ground, WIIQ-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.


KESSLER AND GEHMAN ASSOCIATES, INC.



WILLIAM T. GODFREY
Telecommunications Consultant

23 July, 2003

WHQ-DT
Demopolis, Alabama

ENGINEERING SPECIFICATIONS

A. Transmitter Site:

Geographic coordinates (NAD27):

North Latitude	32° 21' 45.4"
West Longitude	87° 52' 04.0"

Transmitter Site Address: **6 miles NW of Linden, Alabama**

B. Main Studio Site Address: 2112 11TH Avenue South, Birmingham, AL 35205.

C. Proposed Facility:

ATSC Channel	Number	19
	Frequency	500-506 MHz

D. Antenna Height:

Height of Site Above Mean Sea Level (AMSL)	71.0 M
Overall Height of Structure Above Ground (including all appurtenances)	304.5 M
Overall Height of Structure Above Mean Sea Level (including all appurtenances)	375.5 M
Height of Site Above Average Terrain	27.7 M
Antenna Height Radiation Center (R/C) Above Ground	296.3 M
Antenna Height R/C Above Mean Sea Level	367.3 M
Average of All Non-Odd Radials	43.3 M
Antenna Height R/C Above Average Terrain	324.0 M

E. System Parameters – Horizontal Polarization:

Transmitter Power Required	23.8 kW
Maximum Power Input to Antenna	17.4 kW
Total System Loss	1.36 dB
Transmission Line Efficiency	73.1%
Maximum Antenna Gain in Beam Maximum	17.59 dB
Maximum Antenna Gain in Horizontal Plane	15.75 dB
Maximum Effective Radiated Power	30.00 dBk
In Beam Maximum	1,000 kW
Maximum Effective Radiated Power	28.16 dBk
In Horizontal Plane	654.6 kW

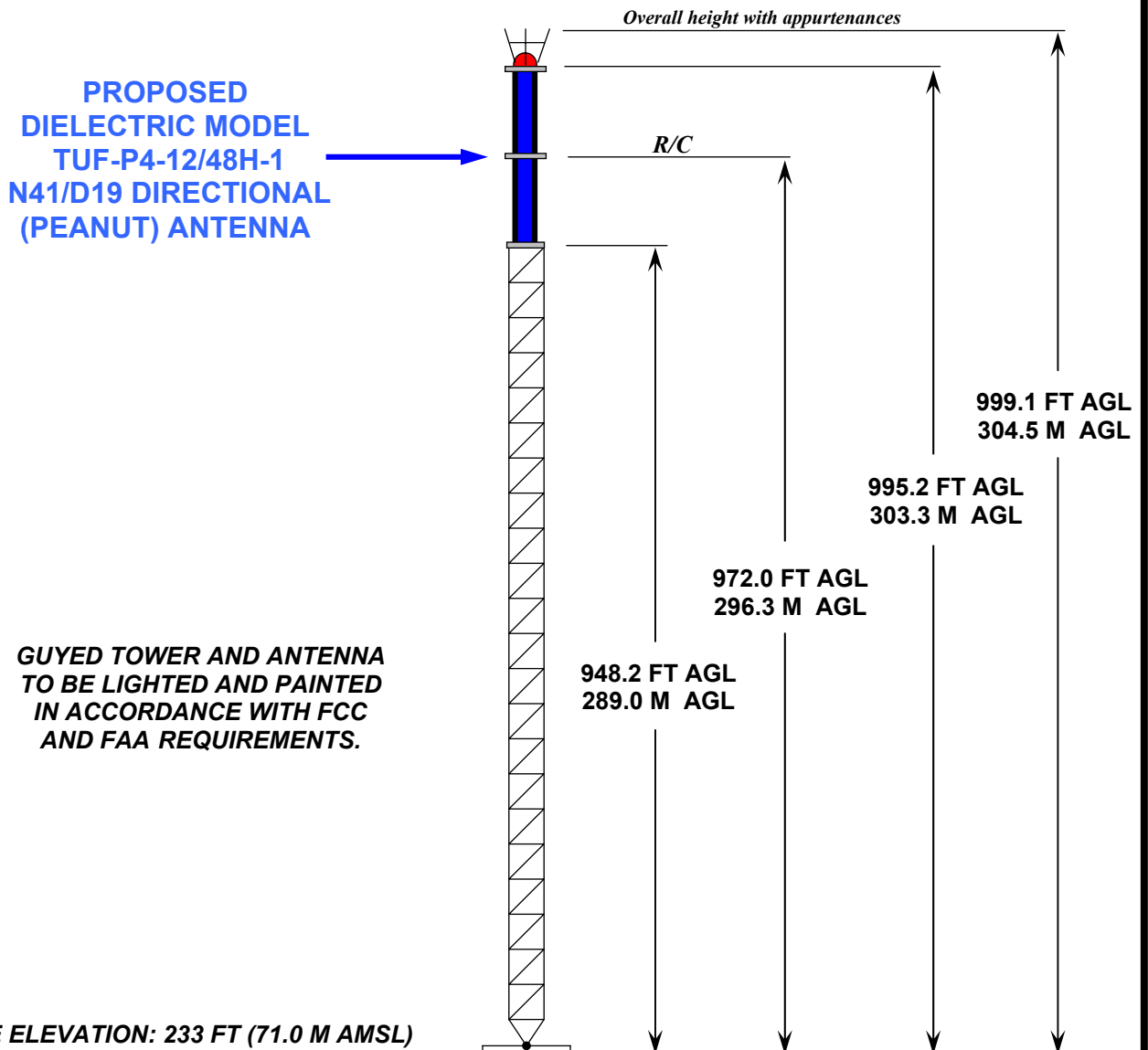
WIIQ-DT
Demopolis, Alabama

**DATA FOR PROPOSED NTSC/DTV
DIRECTIONAL TRANSMITTING ANTENNA**

- A. **Antenna:** Dielectric TUF-P4-12/48H-1, Horizontally Polarized, Directional (Peanut) NTSC/DTV Antenna.
- B. **Electrical Beam Tilt:** 0.75°
- C. **Mechanical Beam Tilt:** None.
- D.

<u>Maximum Power Gain</u>	<u>Horizontal Polarization</u>
Maximum:	57.4 (17.59 dB)
Horizontal:	37.6 (15.75 dB)
- E. **Length:** 50.9 feet (15.5 meters) including lightning protector.
- F. **Transmitter Output Power:** 23.8 kW
- G. **Null Fill:** 18.7%
- H. **Transmission Line:** 6-1/8" 75-ohm digiTLine.
- I. **Transmission Line Loss:** 0.109 dB/100-feet
- J. **Total Transmission Line:** 1,021 feet (311.2 meters)
- K. **Transmission Line Attenuation:** 1.11 dB
- L. **Combiner Loss:** 0.25 dB
- M. **Total Antenna System Loss:** 1.36 dB

ANTENNA STRUCTURE ELEVATION VIEW



OVERALL HEIGHT AGL: 304.5 M
OVERALL HEIGHT AMSL: 375.5 M
RADIATION CENTER AGL: 296.3 M
RADIATION CENTER AMSL: 367.3 M
AVERAGE OF NON-ODD RADIALS: 43.3 M
RADIATION CENTER HAAT: 324.0 M
SITE HAAT: 27.7 M

COORDINATES: (NAD 27)

N. LATITUDE 32° 21' 45"

W. LONGITUDE 87° 52' 04"

Antenna Structure Registration Number:
1036416

NOTE: NOT TO SCALE

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WIIQ-DT CHANNEL 19

DEMOPOLIS, ALABAMA

20030718

EXHIBIT 3

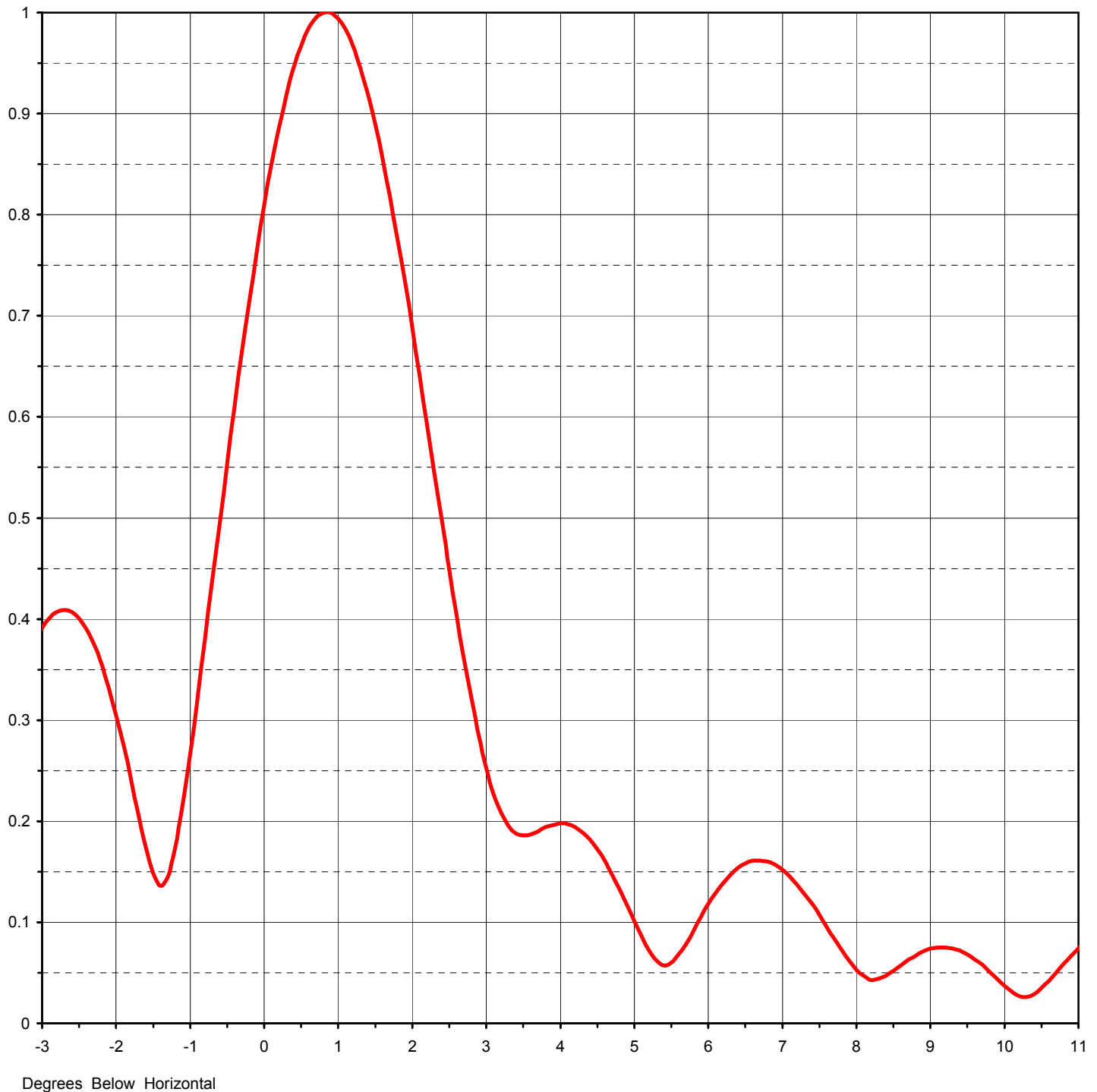


Proposal Number	DCA-10089	Revision:	3
Date	3-Jun-03		
Call Letters	WIIQ-DT	Channel	19
Location	Demopolis, AL		
Customer	AL. ETV		
Antenna Type	TUF-P4-12/48H-1		

ELEVATION PATTERN

RMS Gain at Main Lobe	22.80 (13.58 dB)
RMS Gain at Horizontal	14.90 (11.73 dB)
Calculated / Measured	Calculated

Beam Tilt	0.75 deg
Frequency	503.00 MHz
Drawing #	12U228075



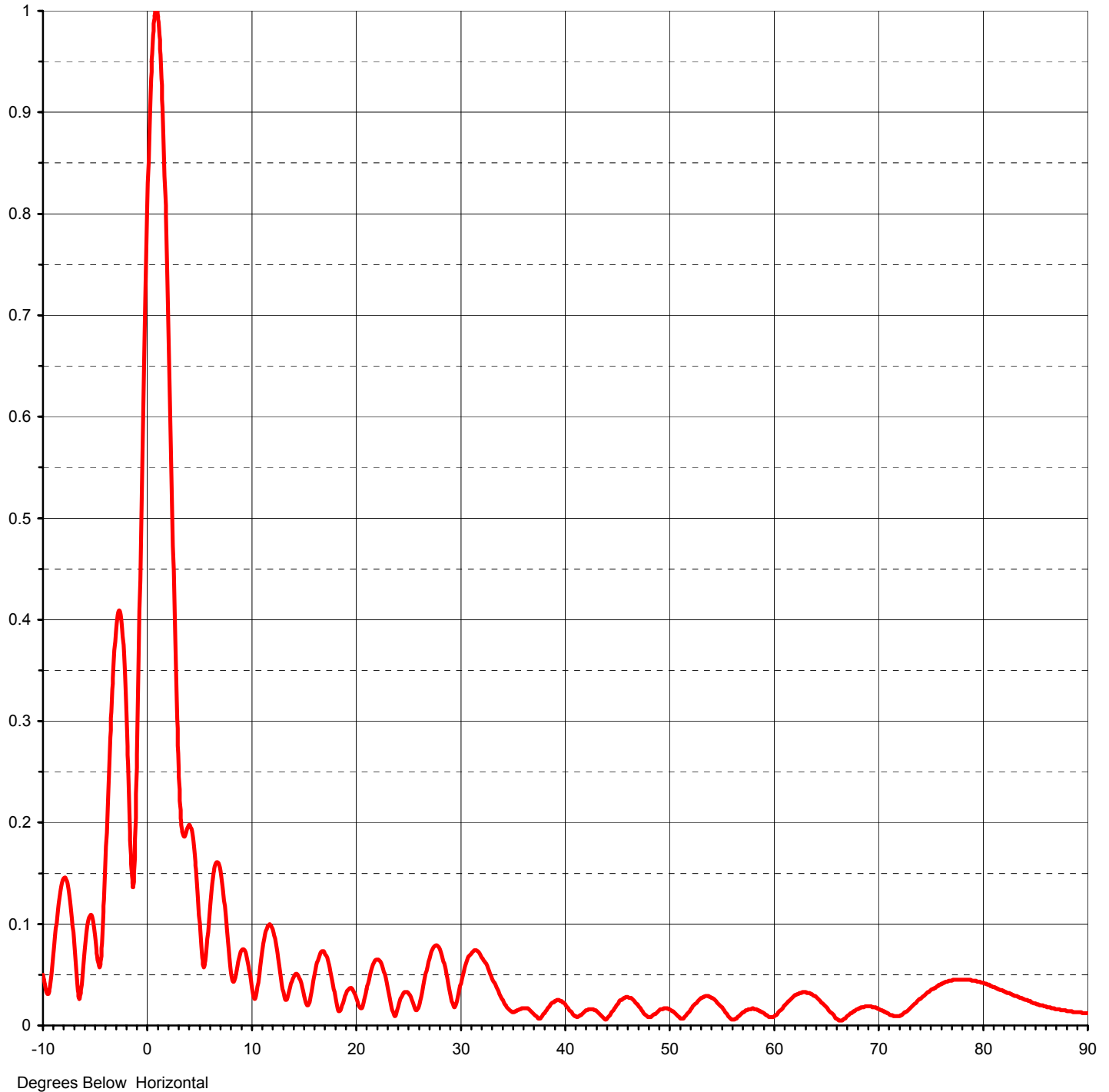


Proposal Number	DCA-10089	Revision:	3
Date	3-Jun-03		
Call Letters	WIIQ-DT	Channel	19
Location	Demopolis, AL		
Customer	AL. ETV		
Antenna Type	TUF-P4-12/48H-1		

ELEVATION PATTERN

RMS Gain at Main Lobe	22.80 (13.58 dB)
RMS Gain at Horizontal	14.90 (11.73 dB)
Calculated / Measured	Calculated

Beam Tilt	0.75 deg
Frequency	503.00 MHz
Drawing #	12U228075-90





Proposal Number **DCA-10089** Revision: **3**
 Date **3-Jun-03**
 Call Letters **WIIQ-DT** Channel **19**
 Location **Demopolis, AL**
 Customer **AL. ETV**
 Antenna Type **TUF-P4-12/48H-1**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12U228075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.050	2.4	0.497	10.6	0.035	30.5	0.058	51.0	0.008	71.5	0.009
-9.5	0.031	2.6	0.404	10.8	0.050	31.0	0.070	51.5	0.008	72.0	0.009
-9.0	0.070	2.8	0.321	11.0	0.067	31.5	0.074	52.0	0.014	72.5	0.013
-8.5	0.120	3.0	0.253	11.5	0.095	32.0	0.069	52.5	0.021	73.0	0.017
-8.0	0.145	3.2	0.208	12.0	0.097	32.5	0.061	53.0	0.026	73.5	0.022
-7.5	0.131	3.4	0.188	12.5	0.074	33.0	0.049	53.5	0.029	74.0	0.026
-7.0	0.079	3.6	0.187	13.0	0.039	33.5	0.038	54.0	0.028	74.5	0.031
-6.5	0.026	3.8	0.194	13.5	0.027	34.0	0.027	54.5	0.024	75.0	0.035
-6.0	0.075	4.0	0.198	14.0	0.046	34.5	0.018	55.0	0.019	75.5	0.038
-5.5	0.108	4.2	0.194	14.5	0.050	35.0	0.013	55.5	0.012	76.0	0.041
-5.0	0.088	4.4	0.182	15.0	0.034	35.5	0.015	56.0	0.006	76.5	0.043
-4.5	0.060	4.6	0.161	15.5	0.020	36.0	0.017	56.5	0.007	77.0	0.044
-4.0	0.163	4.8	0.133	16.0	0.045	36.5	0.017	57.0	0.012	77.5	0.045
-3.5	0.297	5.0	0.101	16.5	0.067	37.0	0.012	57.5	0.015	78.0	0.045
-3.0	0.391	5.2	0.072	17.0	0.073	37.5	0.007	58.0	0.017	78.5	0.045
-2.8	0.407	5.4	0.057	17.5	0.059	38.0	0.011	58.5	0.015	79.0	0.044
-2.6	0.407	5.6	0.068	18.0	0.033	38.5	0.018	59.0	0.013	79.5	0.043
-2.4	0.390	5.8	0.092	18.5	0.014	39.0	0.023	59.5	0.009	80.0	0.042
-2.2	0.356	6.0	0.118	19.0	0.029	39.5	0.025	60.0	0.008	80.5	0.040
-2.0	0.305	6.2	0.139	19.5	0.037	40.0	0.022	60.5	0.013	81.0	0.038
-1.8	0.241	6.4	0.154	20.0	0.030	40.5	0.015	61.0	0.019	81.5	0.036
-1.6	0.175	6.6	0.161	20.5	0.017	41.0	0.009	61.5	0.024	82.0	0.034
-1.4	0.136	6.8	0.160	21.0	0.031	41.5	0.010	62.0	0.029	82.5	0.032
-1.2	0.174	7.0	0.152	21.5	0.054	42.0	0.014	62.5	0.032	83.0	0.029
-1.0	0.267	7.2	0.137	22.0	0.065	42.5	0.016	63.0	0.033	83.5	0.027
-0.8	0.379	7.4	0.118	22.5	0.061	43.0	0.015	63.5	0.032	84.0	0.025
-0.6	0.496	7.6	0.095	23.0	0.042	43.5	0.010	64.0	0.029	84.5	0.024
-0.4	0.610	7.8	0.073	23.5	0.017	44.0	0.006	64.5	0.023	85.0	0.022
-0.2	0.716	8.0	0.053	24.0	0.015	44.5	0.012	65.0	0.018	85.5	0.020
0.0	0.809	8.2	0.043	24.5	0.030	45.0	0.020	65.5	0.012	86.0	0.019
0.2	0.887	8.4	0.047	25.0	0.033	45.5	0.025	66.0	0.007	86.5	0.017
0.4	0.946	8.6	0.057	25.5	0.023	46.0	0.028	66.5	0.005	87.0	0.016
0.6	0.984	8.8	0.067	26.0	0.017	46.5	0.026	67.0	0.009	87.5	0.015
0.8	1.000	9.0	0.074	26.5	0.039	47.0	0.021	67.5	0.013	88.0	0.014
1.0	0.994	9.2	0.075	27.0	0.063	47.5	0.014	68.0	0.016	88.5	0.014
1.2	0.967	9.4	0.072	27.5	0.077	48.0	0.008	68.5	0.018	89.0	0.013
1.4	0.920	9.6	0.063	28.0	0.077	48.5	0.010	69.0	0.019	89.5	0.012
1.6	0.855	9.8	0.058	28.5	0.061	49.0	0.014	69.5	0.018	90.0	0.012
1.8	0.777	10.0	0.044	29.0	0.036	49.5	0.017	70.0	0.016		
2.0	0.688	10.2	0.031	29.5	0.018	50.0	0.016	70.5	0.014		
2.2	0.593	10.4	0.026	30.0	0.037	50.5	0.013	71.0	0.011		

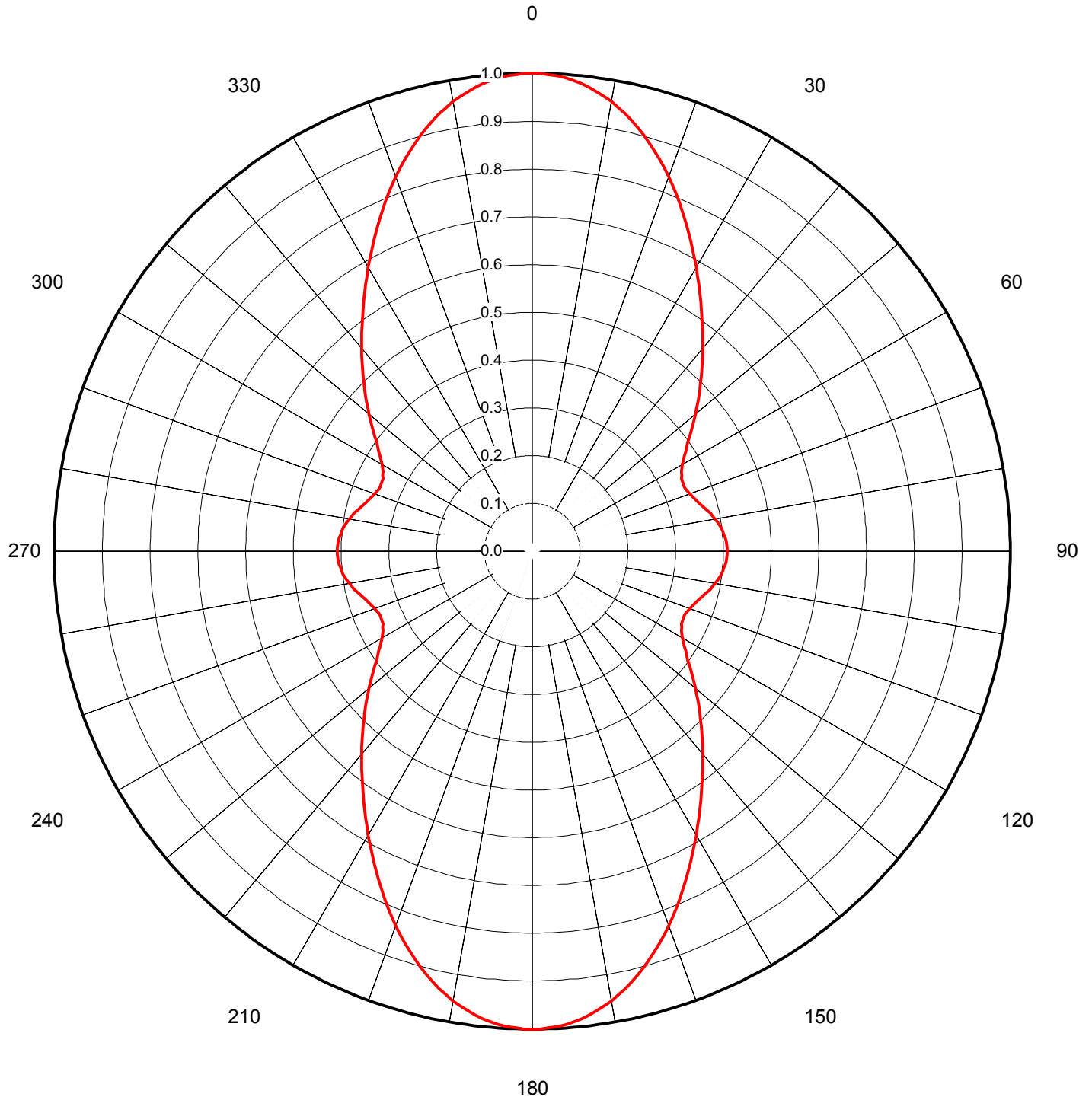


Proposal Number	DCA-10089	Revision:	3
Date	3-Jun-03		
Call Letters	WIIQ-DT	Channel	19
Location	Demopolis, AL		
Customer	AL. ETV		
Antenna Type	TUF-P4-12/48H-1		

AZIMUTH PATTERN

Gain	2.52	(4.01 dB)
Calculated / Measured	Calculated	

Frequency	503.00 MHz
Drawing #	TUF-P4-5030





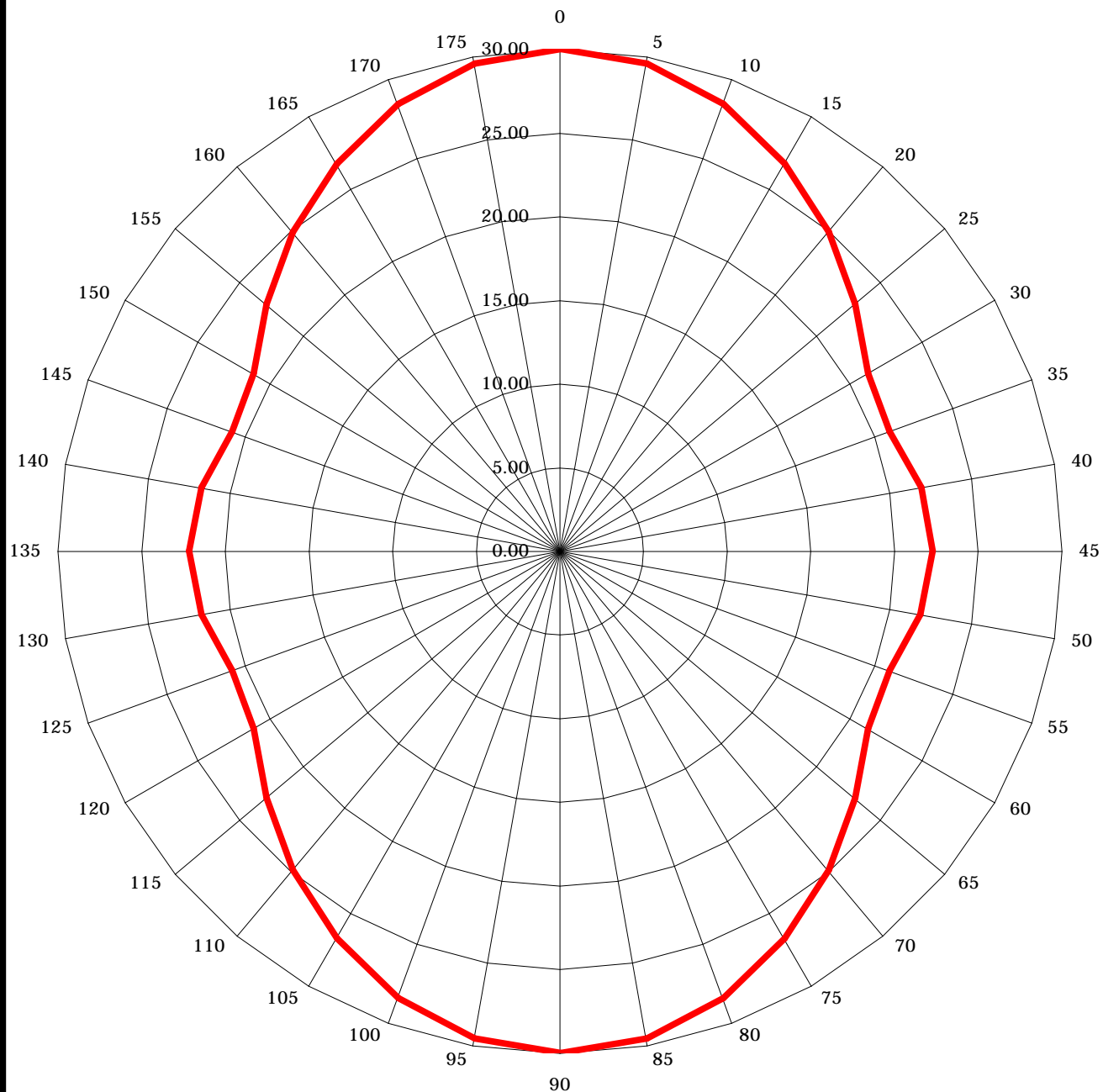
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Location	Demopolis, AL		
Customer	AL. ETV		
Antenna Type	TUF-P4-12/48H-1		

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TUF-P4-5030**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.498	90	0.408	135	0.498	180	1.000	225	0.498	270	0.408	315	0.498
1	1.000	46	0.487	91	0.408	136	0.509	181	1.000	226	0.487	271	0.408	316	0.509
2	0.998	47	0.476	92	0.407	137	0.520	182	0.998	227	0.476	272	0.407	317	0.520
3	0.996	48	0.466	93	0.406	138	0.531	183	0.996	228	0.466	273	0.406	318	0.531
4	0.993	49	0.455	94	0.405	139	0.543	184	0.993	229	0.455	274	0.405	319	0.543
5	0.989	50	0.445	95	0.403	140	0.555	185	0.989	230	0.445	275	0.403	320	0.555
6	0.983	51	0.435	96	0.401	141	0.567	186	0.983	231	0.435	276	0.401	321	0.567
7	0.978	52	0.425	97	0.398	142	0.579	187	0.978	232	0.425	277	0.398	322	0.579
8	0.971	53	0.416	98	0.395	143	0.591	188	0.971	233	0.416	278	0.395	323	0.591
9	0.963	54	0.407	99	0.392	144	0.604	189	0.963	234	0.407	279	0.392	324	0.604
10	0.955	55	0.398	100	0.389	145	0.617	190	0.955	235	0.398	280	0.389	325	0.617
11	0.945	56	0.390	101	0.385	146	0.630	191	0.945	236	0.390	281	0.385	326	0.630
12	0.935	57	0.382	102	0.381	147	0.644	192	0.935	237	0.382	282	0.381	327	0.644
13	0.925	58	0.375	103	0.377	148	0.657	193	0.925	238	0.375	283	0.377	328	0.657
14	0.913	59	0.369	104	0.372	149	0.671	194	0.913	239	0.369	284	0.372	329	0.671
15	0.901	60	0.363	105	0.368	150	0.686	195	0.901	240	0.363	285	0.368	330	0.686
16	0.889	61	0.358	106	0.364	151	0.700	196	0.889	241	0.358	286	0.364	331	0.700
17	0.876	62	0.354	107	0.360	152	0.715	197	0.876	242	0.354	287	0.360	332	0.715
18	0.862	63	0.350	108	0.357	153	0.730	198	0.862	243	0.350	288	0.357	333	0.730
19	0.848	64	0.348	109	0.353	154	0.745	199	0.848	244	0.348	289	0.353	334	0.745
20	0.834	65	0.346	110	0.351	155	0.760	200	0.834	245	0.346	290	0.351	335	0.760
21	0.819	66	0.346	111	0.348	156	0.775	201	0.819	246	0.346	291	0.348	336	0.775
22	0.805	67	0.346	112	0.347	157	0.790	202	0.805	247	0.346	292	0.347	337	0.790
23	0.790	68	0.347	113	0.346	158	0.805	203	0.790	248	0.347	293	0.346	338	0.805
24	0.775	69	0.348	114	0.346	159	0.819	204	0.775	249	0.348	294	0.346	339	0.819
25	0.760	70	0.351	115	0.346	160	0.834	205	0.760	250	0.351	295	0.346	340	0.834
26	0.745	71	0.353	116	0.348	161	0.848	206	0.745	251	0.353	296	0.348	341	0.848
27	0.730	72	0.357	117	0.350	162	0.862	207	0.730	252	0.357	297	0.350	342	0.862
28	0.715	73	0.360	118	0.354	163	0.876	208	0.715	253	0.360	298	0.354	343	0.876
29	0.700	74	0.364	119	0.358	164	0.889	209	0.700	254	0.364	299	0.358	344	0.889
30	0.686	75	0.368	120	0.363	165	0.901	210	0.686	255	0.368	300	0.363	345	0.901
31	0.671	76	0.372	121	0.369	166	0.913	211	0.671	256	0.372	301	0.369	346	0.913
32	0.657	77	0.377	122	0.375	167	0.925	212	0.657	257	0.377	302	0.375	347	0.925
33	0.644	78	0.381	123	0.382	168	0.935	213	0.644	258	0.381	303	0.382	348	0.935
34	0.630	79	0.385	124	0.390	169	0.945	214	0.630	259	0.385	304	0.390	349	0.945
35	0.617	80	0.389	125	0.398	170	0.955	215	0.617	260	0.389	305	0.398	350	0.955
36	0.604	81	0.392	126	0.407	171	0.963	216	0.604	261	0.392	306	0.407	351	0.963
37	0.591	82	0.395	127	0.416	172	0.971	217	0.591	262	0.395	307	0.416	352	0.971
38	0.579	83	0.398	128	0.425	173	0.978	218	0.579	263	0.398	308	0.425	353	0.978
39	0.567	84	0.401	129	0.435	174	0.983	219	0.567	264	0.401	309	0.435	354	0.983
40	0.555	85	0.403	130	0.445	175	0.989	220	0.555	265	0.403	310	0.445	355	0.989
41	0.543	86	0.405	131	0.455	176	0.993	221	0.543	266	0.405	311	0.455	356	0.993
42	0.531	87	0.406	132	0.466	177	0.996	222	0.531	267	0.406	312	0.466	357	0.996
43	0.520	88	0.407	133	0.476	178	0.998	223	0.520	268	0.407	313	0.476	358	0.998
44	0.509	89	0.408	134	0.487	179	1.000	224	0.509	269	0.408	314	0.487	359	1.000

ERP - dBk



DIELECTRIC MODEL TUF-P4-12/48H-1
ORIENTED WITH BEAM MAXIMA AT 0° & 180°
PEAK DIRECTIONAL GAIN: 17.59 dB
ELECTRICAL BEAM TILT: 0.75°

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

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

WIIQ-DT CHANNEL 19

DEMOPOLIS, ALABAMA

20030718

EXHIBIT 9

WIIQ-DT CHANNEL 19
Demopolis, Alabama

TABULATION OF ERP-dBk VALUES FOR PROPOSED DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>ERP-dBk</u>	<u>AZIMUTH</u>	<u>ERP-dBk</u>
N000°E	30.00	N180°E	30.00
N010°E	29.60	N190°E	29.60
N020°E	28.42	N200°E	28.42
N030°E	26.73	N210°E	26.73
N040°E	24.89	N220°E	24.89
N050°E	22.97	N230°E	22.97
N060°E	21.20	N240°E	21.20
N070°E	20.91	N250°E	20.91
N080°E	21.87	N260°E	21.80
N090°E	22.21	N270°E	22.21
N100°E	21.80	N280°E	21.80
N110°E	20.91	N290°E	20.91
N120°E	21.20	N300°E	21.20
N130°E	22.97	N310°E	22.97
N140°E	24.89	N320°E	24.89
N150°E	26.73	N330°E	26.73
N160°E	28.42	N340°E	28.42
N170°E	29.60	N350°E	29.60

MINIMUM OF 20.91 dBk

MAXIMUM OF 30.00 dBk

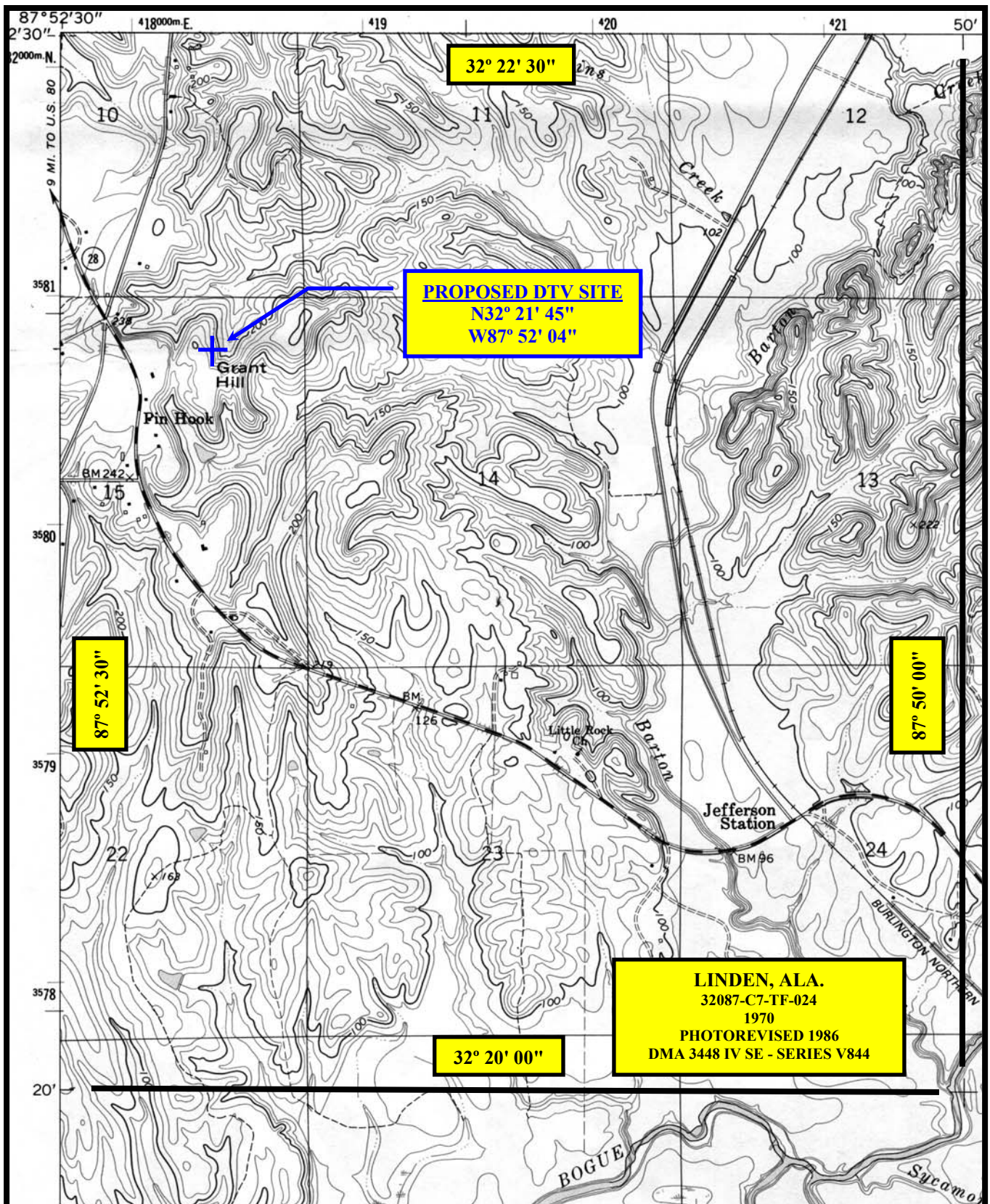
KESSLER & GEHMAN

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

WIIQ-DT CHANNEL 19
DEMOPOLIS, ALABAMA

20030718

EXHIBIT 10



KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

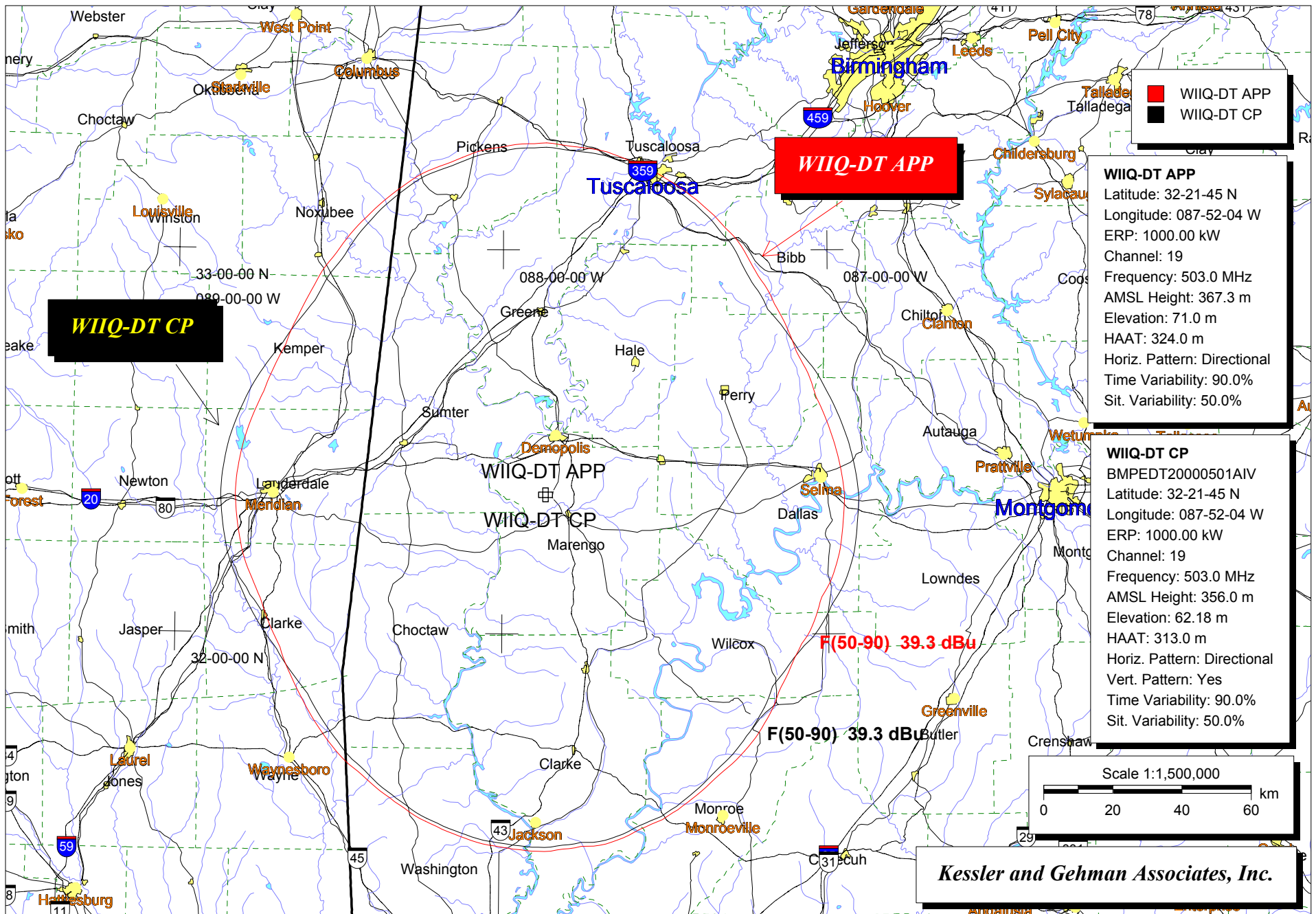
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WIIQ-DT CHANNEL 19

DEMOPOLIS, ALABAMA

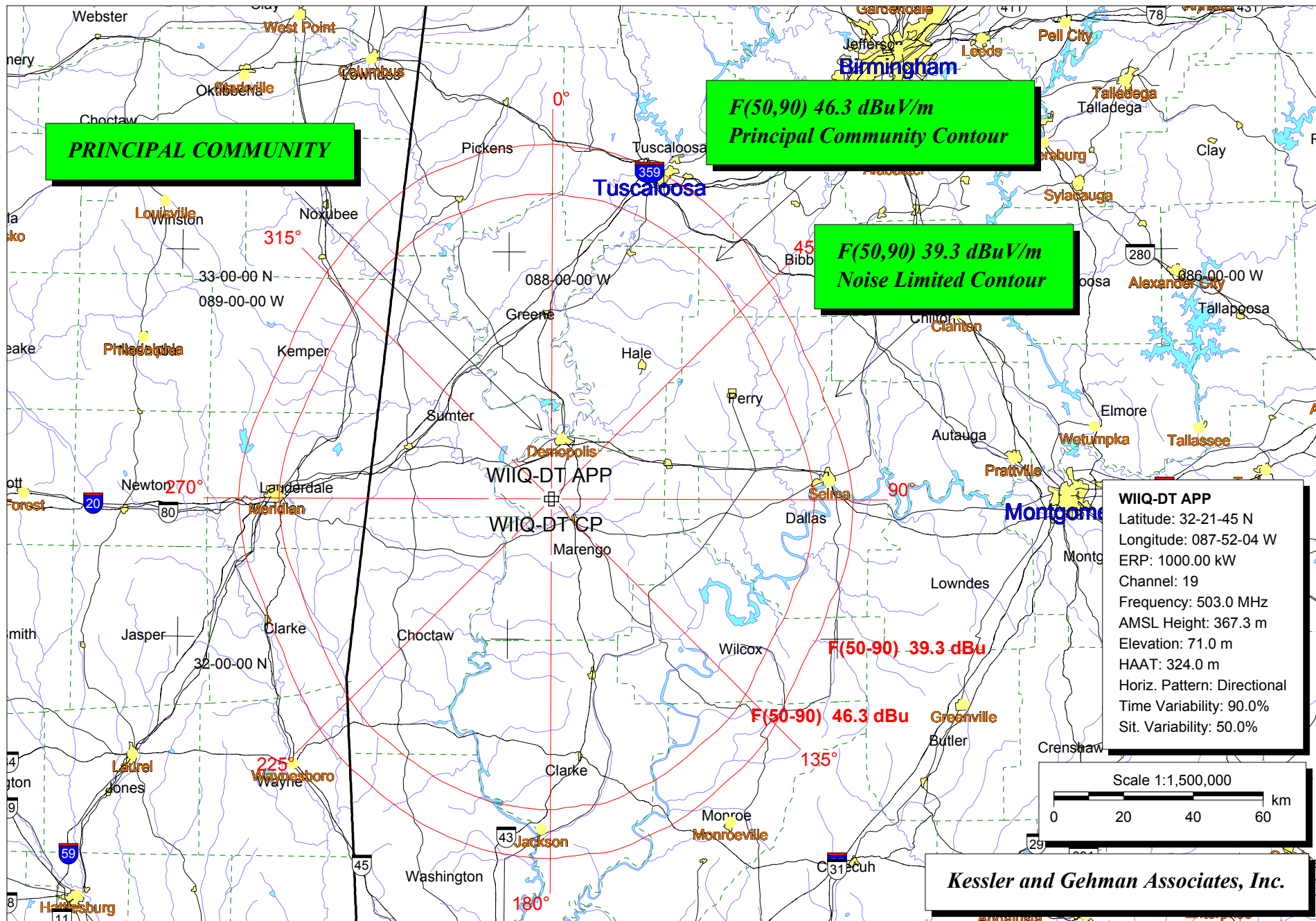
20030718

EXHIBIT 11



WIIQ-DT CONSTRUCTION PERMIT vs. PROPOSED NOISE LIMITED CONTOURS

EXHIBIT 12



WIIQ-DT PRINCIPAL COMMUNITY AND PROTECTED NOISE LIMITED CONTOURS

EXHIBIT 13

AZ	CP RF	kW	dBk
0	1.000	1000	30.00
10	0.959	920	29.64
20	0.844	712	28.53
30	0.683	466	26.69
40	0.520	270	24.32
50	0.417	174	22.40
60	0.418	175	22.42
70	0.482	232	23.66
80	0.542	294	24.68
90	0.566	320	25.06
100	0.542	294	24.68
110	0.482	232	23.66
120	0.418	175	22.42
130	0.417	174	22.40
140	0.520	270	24.32
150	0.683	466	26.69
160	0.844	712	28.53
170	0.959	920	29.64
180	1.000	1000	30.00
190	0.959	920	29.64
200	0.844	712	28.53
210	0.683	466	26.69
220	0.520	270	24.32
230	0.417	174	22.40
240	0.418	175	22.42
250	0.482	232	23.66
260	0.542	294	24.68
270	0.566	320	25.06
280	0.542	294	24.68
290	0.482	232	23.66
300	0.418	175	22.42
310	0.417	174	22.40
320	0.520	270	24.32
330	0.683	466	26.69
340	0.844	712	28.53
350	0.959	920	29.64

1000 <---ENTER ERP (kW)

ENTER ERP/RELATIVE FIELDS
DO NOT ENTER DATA

NOTE
LEFT SIDE = WIIQ-DT CP DATA
RIGHT SIDE = WIIQ-DT APP DATA

RIGHT SIDE **MUST** BE
EQUAL TO OR LESS THAN
LEFT SIDE TO AVOID IX STUDIES.

AZ	APP RF	kW	dBk
0	1.000	1000	30.00
10	0.955	912	29.60
20	0.834	696	28.42
30	0.686	471	26.73
40	0.555	308	24.89
50	0.445	198	22.97
60	0.363	132	21.20
70	0.351	123	20.91
80	0.389	151	21.80
90	0.408	166	22.21
100	0.389	151	21.80
110	0.351	123	20.91
120	0.363	132	21.20
130	0.445	198	22.97
140	0.555	308	24.89
150	0.686	471	26.73
160	0.834	696	28.42
170	0.955	912	29.60
180	1.000	1000	30.00
190	0.955	912	29.60
200	0.834	696	28.42
210	0.686	471	26.73
220	0.555	308	24.89
230	0.445	198	22.97
240	0.363	132	21.20
250	0.351	123	20.91
260	0.389	151	21.80
270	0.408	166	22.21
280	0.389	151	21.80
290	0.351	123	20.91
300	0.363	132	21.20
310	0.445	198	22.97
320	0.555	308	24.89
330	0.686	471	26.73
340	0.834	696	28.42
350	0.955	912	29.60

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WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

Radial (degrees)	WIIQ-DT CP distance to contours (km)	WIIQ-DT APP distance to contours (km)	PASS or FAIL	Margin (km)
0	100.4	101.6	FAIL	-1.2
1	100.3	101.5	FAIL	-1.2
2	100.0	101.3	FAIL	-1.3
3	99.8	101.0	FAIL	-1.2
4	99.7	100.9	FAIL	-1.2
5	99.6	100.8	FAIL	-1.2
6	99.6	100.8	FAIL	-1.2
7	99.6	100.8	FAIL	-1.2
8	99.6	100.8	FAIL	-1.2
9	99.5	100.7	FAIL	-1.2
10	99.4	100.6	FAIL	-1.2
11	99.1	100.3	FAIL	-1.2
12	98.9	100.0	FAIL	-1.1
13	98.6	99.8	FAIL	-1.2
14	98.3	99.5	FAIL	-1.2
15	98.1	99.2	FAIL	-1.1
16	97.9	99.0	FAIL	-1.1
17	97.6	98.7	FAIL	-1.1
18	97.4	98.5	FAIL	-1.1
19	97.2	98.3	FAIL	-1.1
20	96.9	98.0	FAIL	-1.1
21	96.5	97.6	FAIL	-1.1
22	96.2	97.3	FAIL	-1.1
23	95.8	97.0	FAIL	-1.2
24	95.4	96.6	FAIL	-1.2
25	95.1	96.3	FAIL	-1.2
26	94.7	96.0	FAIL	-1.3
27	94.4	95.7	FAIL	-1.3
28	93.9	95.3	FAIL	-1.4
29	93.5	94.9	FAIL	-1.4
30	93.1	94.5	FAIL	-1.4
31	92.7	94.2	FAIL	-1.5
32	92.1	93.7	FAIL	-1.6
33	91.5	93.3	FAIL	-1.8
34	91.0	92.9	FAIL	-1.9
35	90.7	92.6	FAIL	-1.9
36	90.3	92.4	FAIL	-2.1
37	89.8	91.9	FAIL	-2.1
38	89.1	91.4	FAIL	-2.3

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

39	88.4	90.9	FAIL	-2.5
40	87.7	90.3	FAIL	-2.6
41	87.1	89.7	FAIL	-2.6
42	86.5	89.1	FAIL	-2.6
43	86.0	88.6	FAIL	-2.6
44	85.6	88.2	FAIL	-2.6
45	85.3	87.9	FAIL	-2.6
46	85.1	87.7	FAIL	-2.6
47	84.8	87.4	FAIL	-2.6
48	84.5	87.0	FAIL	-2.5
49	84.0	86.5	FAIL	-2.5
50	83.6	86.1	FAIL	-2.5
51	83.7	85.9	FAIL	-2.2
52	83.8	85.6	FAIL	-1.8
53	83.9	85.4	FAIL	-1.5
54	84.0	85.2	FAIL	-1.2
55	84.0	84.9	FAIL	-0.9
56	84.0	84.6	FAIL	-0.6
57	84.1	84.3	FAIL	-0.2
58	84.1	84.1	PASS	0.0
59	84.2	83.8	PASS	0.4
60	84.3	83.5	PASS	0.8
61	84.5	83.4	PASS	1.1
62	84.8	83.5	PASS	1.3
63	85.1	83.5	PASS	1.6
64	85.5	83.6	PASS	1.9
65	85.8	83.6	PASS	2.2
66	86.0	83.5	PASS	2.5
67	86.2	83.4	PASS	2.8
68	86.3	83.3	PASS	3.0
69	86.5	83.2	PASS	3.3
70	86.7	83.2	PASS	3.5
71	86.9	83.3	PASS	3.6
72	87.2	83.5	PASS	3.7
73	87.4	83.7	PASS	3.7
74	87.6	83.8	PASS	3.8
75	87.8	84.0	PASS	3.8
76	88.0	84.2	PASS	3.8
77	88.2	84.3	PASS	3.9
78	88.4	84.5	PASS	3.9
79	88.7	84.7	PASS	4.0
80	88.9	84.9	PASS	4.0

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

81	89.1	85.0	PASS	4.1
82	89.2	85.2	PASS	4.0
83	89.4	85.4	PASS	4.0
84	89.6	85.5	PASS	4.1
85	89.8	85.7	PASS	4.1
86	89.9	85.9	PASS	4.0
87	90.1	86.0	PASS	4.1
88	90.2	86.1	PASS	4.1
89	90.4	86.3	PASS	4.1
90	90.5	86.4	PASS	4.1
91	90.5	86.4	PASS	4.1
92	90.5	86.4	PASS	4.1
93	90.5	86.4	PASS	4.1
94	90.5	86.3	PASS	4.2
95	90.5	86.3	PASS	4.2
96	90.5	86.4	PASS	4.1
97	90.6	86.4	PASS	4.2
98	90.6	86.5	PASS	4.1
99	90.6	86.5	PASS	4.1
100	90.7	86.6	PASS	4.1
101	90.7	86.5	PASS	4.2
102	90.6	86.5	PASS	4.1
103	90.5	86.4	PASS	4.1
104	90.4	86.3	PASS	4.1
105	90.3	86.3	PASS	4.0
106	90.1	86.2	PASS	3.9
107	89.9	86.0	PASS	3.9
108	89.6	85.7	PASS	3.9
109	89.2	85.4	PASS	3.8
110	88.9	85.1	PASS	3.8
111	88.6	85.1	PASS	3.5
112	88.6	85.4	PASS	3.2
113	88.4	85.5	PASS	2.9
114	88.3	85.7	PASS	2.6
115	88.2	85.8	PASS	2.4
116	88.0	85.9	PASS	2.1
117	87.8	85.9	PASS	1.9
118	87.4	85.9	PASS	1.5
119	87.0	85.8	PASS	1.2
120	86.5	85.6	PASS	0.9
121	86.3	85.8	PASS	0.5
122	86.1	85.9	PASS	0.2

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

123	85.9	86.0	FAIL	-0.1
124	85.8	86.3	FAIL	-0.5
125	85.8	86.6	FAIL	-0.8
126	85.8	87.0	FAIL	-1.2
127	85.8	87.3	FAIL	-1.5
128	85.8	87.6	FAIL	-1.8
129	85.7	87.8	FAIL	-2.1
130	85.9	88.2	FAIL	-2.3
131	86.5	88.9	FAIL	-2.4
132	87.1	89.5	FAIL	-2.4
133	87.7	90.1	FAIL	-2.4
134	88.2	90.5	FAIL	-2.3
135	88.6	91.0	FAIL	-2.4
136	89.0	91.4	FAIL	-2.4
137	89.5	91.9	FAIL	-2.4
138	90.0	92.4	FAIL	-2.4
139	90.4	92.8	FAIL	-2.4
140	90.7	93.1	FAIL	-2.4
141	91.2	93.4	FAIL	-2.2
142	91.6	93.7	FAIL	-2.1
143	92.0	94.0	FAIL	-2.0
144	92.4	94.3	FAIL	-1.9
145	92.7	94.5	FAIL	-1.8
146	93.0	94.7	FAIL	-1.7
147	93.3	94.9	FAIL	-1.6
148	93.7	95.2	FAIL	-1.5
149	94.1	95.5	FAIL	-1.4
150	94.5	95.9	FAIL	-1.4
151	95.0	96.3	FAIL	-1.3
152	95.5	96.7	FAIL	-1.2
153	95.9	97.1	FAIL	-1.2
154	96.3	97.5	FAIL	-1.2
155	96.7	97.8	FAIL	-1.1
156	97.1	98.2	FAIL	-1.1
157	97.6	98.7	FAIL	-1.1
158	97.9	98.9	FAIL	-1.0
159	98.3	99.3	FAIL	-1.0
160	98.7	99.7	FAIL	-1.0
161	98.8	99.8	FAIL	-1.0
162	98.9	99.9	FAIL	-1.0
163	99.1	100.2	FAIL	-1.1
164	99.3	100.4	FAIL	-1.1

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

165	99.7	100.7	FAIL	-1.0
166	100.2	101.2	FAIL	-1.0
167	100.5	101.6	FAIL	-1.1
168	100.8	101.8	FAIL	-1.0
169	101.0	102.1	FAIL	-1.1
170	101.3	102.3	FAIL	-1.0
171	101.3	102.4	FAIL	-1.1
172	101.3	102.4	FAIL	-1.1
173	101.1	102.2	FAIL	-1.1
174	100.9	102.0	FAIL	-1.1
175	101.2	102.3	FAIL	-1.1
176	101.3	102.4	FAIL	-1.1
177	101.3	102.4	FAIL	-1.1
178	101.5	102.6	FAIL	-1.1
179	101.8	102.9	FAIL	-1.1
180	101.8	103.0	FAIL	-1.2
181	101.8	103.0	FAIL	-1.2
182	101.8	103.0	FAIL	-1.2
183	101.7	102.9	FAIL	-1.2
184	101.6	102.8	FAIL	-1.2
185	101.6	102.7	FAIL	-1.1
186	101.5	102.6	FAIL	-1.1
187	101.4	102.5	FAIL	-1.1
188	101.4	102.5	FAIL	-1.1
189	101.4	102.5	FAIL	-1.1
190	101.4	102.4	FAIL	-1.0
191	101.2	102.3	FAIL	-1.1
192	101.1	102.1	FAIL	-1.0
193	100.8	101.8	FAIL	-1.0
194	100.6	101.7	FAIL	-1.1
195	100.4	101.5	FAIL	-1.1
196	100.3	101.3	FAIL	-1.0
197	100.1	101.1	FAIL	-1.0
198	99.8	100.8	FAIL	-1.0
199	99.7	100.6	FAIL	-0.9
200	99.5	100.4	FAIL	-0.9
201	99.3	100.3	FAIL	-1.0
202	99.1	100.0	FAIL	-0.9
203	98.7	99.7	FAIL	-1.0
204	98.2	99.3	FAIL	-1.1
205	97.9	99.0	FAIL	-1.1
206	97.7	98.7	FAIL	-1.0

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

207	97.3	98.4	FAIL	-1.1
208	97.0	98.2	FAIL	-1.2
209	96.8	98.0	FAIL	-1.2
210	96.5	97.7	FAIL	-1.2
211	96.0	97.3	FAIL	-1.3
212	95.6	97.0	FAIL	-1.4
213	95.2	96.7	FAIL	-1.5
214	94.9	96.5	FAIL	-1.6
215	94.7	96.4	FAIL	-1.7
216	94.6	96.3	FAIL	-1.7
217	94.3	96.1	FAIL	-1.8
218	94.0	95.9	FAIL	-1.9
219	93.6	95.6	FAIL	-2.0
220	93.1	95.2	FAIL	-2.1
221	92.8	94.9	FAIL	-2.1
222	92.4	94.6	FAIL	-2.2
223	92.1	94.2	FAIL	-2.1
224	91.7	93.9	FAIL	-2.2
225	91.4	93.5	FAIL	-2.1
226	91.0	93.2	FAIL	-2.2
227	90.6	92.8	FAIL	-2.2
228	90.3	92.4	FAIL	-2.1
229	89.9	92.1	FAIL	-2.2
230	89.5	91.7	FAIL	-2.2
231	89.5	91.3	FAIL	-1.8
232	89.5	91.0	FAIL	-1.5
233	89.4	90.7	FAIL	-1.3
234	89.4	90.4	FAIL	-1.0
235	89.5	90.1	FAIL	-0.6
236	89.5	89.8	FAIL	-0.3
237	89.5	89.5	PASS	0.0
238	89.6	89.2	PASS	0.4
239	89.6	88.8	PASS	0.8
240	89.5	88.4	PASS	1.1
241	89.7	88.3	PASS	1.4
242	89.9	88.2	PASS	1.7
243	90.1	88.2	PASS	1.9
244	90.4	88.1	PASS	2.3
245	90.6	88.0	PASS	2.6
246	90.7	87.9	PASS	2.8
247	90.9	87.9	PASS	3.0
248	91.1	87.8	PASS	3.3

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

249	91.3	87.7	PASS	3.6
250	91.5	87.6	PASS	3.9
251	91.6	87.7	PASS	3.9
252	91.8	87.8	PASS	4.0
253	92.0	88.0	PASS	4.0
254	92.2	88.1	PASS	4.1
255	92.4	88.3	PASS	4.1
256	92.7	88.6	PASS	4.1
257	92.9	88.7	PASS	4.2
258	93.1	88.9	PASS	4.2
259	93.2	89.0	PASS	4.2
260	93.4	89.1	PASS	4.3
261	93.4	89.1	PASS	4.3
262	93.4	89.2	PASS	4.2
263	93.5	89.2	PASS	4.3
264	93.5	89.3	PASS	4.2
265	93.6	89.3	PASS	4.3
266	93.6	89.4	PASS	4.2
267	93.7	89.5	PASS	4.2
268	93.7	89.5	PASS	4.2
269	93.8	89.5	PASS	4.3
270	93.8	89.6	PASS	4.2
271	93.8	89.6	PASS	4.2
272	93.7	89.5	PASS	4.2
273	93.7	89.4	PASS	4.3
274	93.6	89.4	PASS	4.2
275	93.4	89.2	PASS	4.2
276	93.3	89.1	PASS	4.2
277	93.2	89.0	PASS	4.2
278	93.1	88.8	PASS	4.3
279	92.9	88.7	PASS	4.2
280	92.8	88.6	PASS	4.2
281	92.6	88.4	PASS	4.2
282	92.4	88.2	PASS	4.2
283	92.1	88.0	PASS	4.1
284	91.9	87.8	PASS	4.1
285	91.7	87.6	PASS	4.1
286	91.4	87.4	PASS	4.0
287	91.2	87.3	PASS	3.9
288	91.0	87.1	PASS	3.9
289	90.8	86.9	PASS	3.9
290	90.5	86.7	PASS	3.8

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

291	90.3	86.7	PASS	3.6
292	90.0	86.7	PASS	3.3
293	89.7	86.7	PASS	3.0
294	89.4	86.7	PASS	2.7
295	89.1	86.7	PASS	2.4
296	88.8	86.7	PASS	2.1
297	88.5	86.7	PASS	1.8
298	88.3	86.7	PASS	1.6
299	88.0	86.7	PASS	1.3
300	87.7	86.8	PASS	0.9
301	87.7	87.1	PASS	0.6
302	87.6	87.4	PASS	0.2
303	87.6	87.6	PASS	0.0
304	87.4	87.9	FAIL	-0.5
305	87.3	88.1	FAIL	-0.8
306	87.2	88.3	FAIL	-1.1
307	87.2	88.6	FAIL	-1.4
308	87.1	88.9	FAIL	-1.8
309	87.1	89.2	FAIL	-2.1
310	87.1	89.5	FAIL	-2.4
311	87.5	89.8	FAIL	-2.3
312	87.8	90.1	FAIL	-2.3
313	88.2	90.5	FAIL	-2.3
314	88.6	91.0	FAIL	-2.4
315	89.0	91.4	FAIL	-2.4
316	89.3	91.7	FAIL	-2.4
317	89.5	91.9	FAIL	-2.4
318	89.7	92.1	FAIL	-2.4
319	90.0	92.4	FAIL	-2.4
320	90.4	92.8	FAIL	-2.4
321	91.0	93.2	FAIL	-2.2
322	91.5	93.6	FAIL	-2.1
323	92.0	94.1	FAIL	-2.1
324	92.5	94.4	FAIL	-1.9
325	93.0	94.8	FAIL	-1.8
326	93.4	95.1	FAIL	-1.7
327	93.8	95.4	FAIL	-1.6
328	94.3	95.8	FAIL	-1.5
329	94.8	96.2	FAIL	-1.4
330	95.2	96.5	FAIL	-1.3
331	95.6	96.9	FAIL	-1.3
332	96.0	97.2	FAIL	-1.2

WIIQ-DT (CP vs. APP) Distance to Contour Comparison Chart

333	96.4	97.5	FAIL	-1.1
334	96.7	97.9	FAIL	-1.2
335	97.1	98.2	FAIL	-1.1
336	97.4	98.5	FAIL	-1.1
337	97.8	98.9	FAIL	-1.1
338	98.1	99.2	FAIL	-1.1
339	98.4	99.4	FAIL	-1.0
340	98.5	99.5	FAIL	-1.0
341	98.6	99.6	FAIL	-1.0
342	98.6	99.7	FAIL	-1.1
343	98.7	99.7	FAIL	-1.0
344	98.8	99.9	FAIL	-1.1
345	99.0	100.1	FAIL	-1.1
346	99.2	100.3	FAIL	-1.1
347	99.5	100.6	FAIL	-1.1
348	99.8	100.9	FAIL	-1.1
349	99.9	101.1	FAIL	-1.2
350	100.0	101.2	FAIL	-1.2
351	100.0	101.2	FAIL	-1.2
352	100.0	101.2	FAIL	-1.2
353	100.1	101.2	FAIL	-1.1
354	100.2	101.4	FAIL	-1.2
355	100.3	101.5	FAIL	-1.2
356	100.3	101.5	FAIL	-1.2
357	100.3	101.5	FAIL	-1.2
358	100.2	101.4	FAIL	-1.2
359	100.3	101.5	FAIL	-1.2

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-21-2003 Time: 08:45:19

Record Selected for Analysis

WIIQ-DT CUR -PROPOSED Demopolis AL US
 Channel 19 ERP 1000.0 kW HAAT 00324 m RCAMSL 00367 m
 Latitude 032-21-45 Longitude 0087-52- 4
 Status APP Zone Border
 Dir Antenna Make CDB Model 00000000000001 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	310.0	98.0
45.0	250.000	299.1	84.4
90.0	166.464	313.9	83.2
135.0	250.000	324.3	87.5
180.0	1000.000	323.7	99.4
225.0	250.000	349.4	90.2
270.0	166.464	342.8	86.4
315.0	250.000	327.3	87.8

Evaluation toward Class A Stations

Contour overlap to Class A station

W19CB 19 MONTEVALLO AL BLTTL 19970514JI

D/U ratio at contour 26.2 dB

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

Radial 0.0 degrees

Bearing to point on contour 44.4 degrees

D/U ratio at contour 26.4 dB

Radial 10.0 degrees

Bearing to point on contour 45.0 degrees

D/U ratio at contour 26.6 dB

Radial 20.0 degrees

Bearing to point on contour 45.7 degrees

D/U ratio at contour 26.7 dB

Radial 30.0 degrees

Bearing to point on contour 46.3 degrees

D/U ratio at contour 26.8 dB
Radial 40.0 degrees
Bearing to point on contour 46.9 degrees
D/U ratio at contour 26.9 dB
Radial 50.0 degrees
Bearing to point on contour 47.5 degrees
D/U ratio at contour 27.0 dB
Radial 60.0 degrees
Bearing to point on contour 48.0 degrees
D/U ratio at contour 27.0 dB
Radial 70.0 degrees
Bearing to point on contour 48.5 degrees
D/U ratio at contour 27.1 dB
Radial 80.0 degrees
Bearing to point on contour 49.0 degrees
D/U ratio at contour 27.1 dB
Radial 90.0 degrees
Bearing to point on contour 49.6 degrees
D/U ratio at contour 27.0 dB
Radial 100.0 degrees
Bearing to point on contour 50.1 degrees
D/U ratio at contour 26.9 dB
Radial 110.0 degrees
Bearing to point on contour 50.5 degrees
D/U ratio at contour 26.7 dB
Radial 120.0 degrees
Bearing to point on contour 51.0 degrees
D/U ratio at contour 26.5 dB
Radial 130.0 degrees
Bearing to point on contour 51.3 degrees
D/U ratio at contour 26.3 dB
Radial 140.0 degrees
Bearing to point on contour 51.6 degrees
D/U ratio at contour 26.0 dB
Radial 150.0 degrees
Bearing to point on contour 51.8 degrees
D/U ratio at contour 25.6 dB
Radial 160.0 degrees
Bearing to point on contour 51.8 degrees
D/U ratio at contour 25.3 dB
Radial 170.0 degrees
Bearing to point on contour 51.7 degrees
D/U ratio at contour 24.9 dB
Radial 180.0 degrees
Bearing to point on contour 51.3 degrees
D/U ratio at contour 24.4 dB
Radial 190.0 degrees
Bearing to point on contour 50.8 degrees
D/U ratio at contour 24.0 dB
Radial 200.0 degrees
Bearing to point on contour 50.1 degrees
D/U ratio at contour 23.6 dB
Radial 210.0 degrees
Bearing to point on contour 49.2 degrees
D/U ratio at contour 23.3 dB
Radial 220.0 degrees
Bearing to point on contour 48.2 degrees

D/U ratio at contour 23.1 dB
 Radial 230.0 degrees
 Bearing to point on contour 47.1 degrees
 D/U ratio at contour 23.2 dB
 Radial 240.0 degrees
 Bearing to point on contour 46.2 degrees
 D/U ratio at contour 23.3 dB
 Radial 250.0 degrees
 Bearing to point on contour 45.5 degrees
 D/U ratio at contour 23.7 dB
 Radial 260.0 degrees
 Bearing to point on contour 45.1 degrees
 D/U ratio at contour 24.0 dB
 Radial 270.0 degrees
 Bearing to point on contour 44.9 degrees
 D/U ratio at contour 24.1 dB
 Radial 280.0 degrees
 Bearing to point on contour 44.6 degrees
 D/U ratio at contour 24.3 dB
 Radial 290.0 degrees
 Bearing to point on contour 44.3 degrees
 D/U ratio at contour 24.5 dB
 Radial 300.0 degrees
 Bearing to point on contour 44.1 degrees
 D/U ratio at contour 24.7 dB
 Radial 310.0 degrees
 Bearing to point on contour 43.9 degrees
 D/U ratio at contour 24.9 dB
 Radial 320.0 degrees
 Bearing to point on contour 43.8 degrees
 D/U ratio at contour 25.2 dB
 Radial 330.0 degrees
 Bearing to point on contour 43.8 degrees
 D/U ratio at contour 25.5 dB
 Radial 340.0 degrees
 Bearing to point on contour 43.9 degrees
 D/U ratio at contour 25.8 dB
 Radial 350.0 degrees
 Bearing to point on contour 44.1 degrees

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WIIQ-DT 19 Demopolis AL CUR PROPOSED

and station

SHORT TO: WIIQ 19 DEMOPOLIS AL BMPEDT 20000501AIV
 032-21-45 0087-52- 4
 Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: WIIQ-DT 19 DEMOPOLIS AL DTVPLN DTVP0336
 32-22-01 87-52-03
 Req. separation 223.7 Actual separation 0.5 Short 223.2 km

SHORT TO: WMAH-TV 19 BILOXI MS BLET 20001011ABM
 030-45-18 0088-56-44
 Req. separation 244.6 Actual separation 205.5 Short 39.1 km

SHORT TO: WLDM 23 TUSCALOOSA AL BLCT 20011109ACV
 033-03-15 0087-32-57
 Req. separation => 24.1 <= 96.6 Actual separation 82.3 Short 14.3(58.2) km

SHORT TO: WLDM 23 TUSCALOOSA AL BMPCT 20000307AAN
 033-03-15 0087-32-57
 Req. separation => 24.1 <= 96.6 Actual separation 82.3 Short 14.3(58.2) 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

Proposed Station				
Channel	Call	City/State	ARN	
19	WIIQ-DT	Demopolis AL	CUR	PROPOSED

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WDBB	BESSEMER AL	131.7	LIC	BLCT	-20030304AAA
18	WDBB-DT	BESSEMER AL	131.7	CP	BPCDT	-19991101AEA
18	WDBB-DT	BESSEMER AL	131.7	PLN	DTVPLN	-DTVP0291
18	WDBB-DT	BESSEMER AL	131.7	MAX	DTVPLN	-DTVP0291
19	WHNT-TV	HUNTSVILLE AL	291.6	LIC	BLCT	-20011116ABY
19	WMBB-DT	PANAMA CITY FL	324.3	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	324.3	CP	BPCDT	-19991026ABS
19	WGNX-DT	ATLANTA GA	365.6	PLN	DTVPLN	-DTVP0347

A decorative horizontal line composed of many small, evenly spaced white circles.

14	WOWL-DT	FLORENCE AL	127.6	PLN	DTVPLN	-DTVP0121
16	WCOV-DT	MONTGOMERY AL	203.6	CP	BPCDT	-19991021ACM
16	WCOV-DT	MONTGOMERY AL	164.3	PLN	DTVPLN	-DTVP0204
16	WLOV-DT	WEST POINT MS	160.0	CP	BPCDT	-19991022ABH
16	WLOV-DT	WEST POINT MS	160.0	PLN	DTVPLN	-DTVP0228
17	WEAR-DT	PENSACOLA FL	319.6	CP	BPCDT	-19991028AEX
17	WEAR-DT	PENSACOLA FL	317.9	PLN	DTVPLN	-DTVP0255
17	WTBS	ATLANTA GA	280.7	LIC	BLCT	-2402
17	WMAU-TV	BUDE MS	392.0	LIC	BLET	-20001011ABN
17	WXVT-DT	GREENVILLE MS	306.6	PLN	DTVPLN	-DTVP0267
17	WXVT	GREENVILLE MS	306.6	CP	BPCDT	-19991019ABP
17	WZTV	NASHVILLE TN	314.2	CP	BPCT	-20010529ABM
18	WDBB-DT	BESSEMER AL	0.0	CP	BPCDT	-19991101AEA
18	WDBB-DT	BESSEMER AL	0.0	PLN	DTVPLN	-DTVP0291
19	WIIQ-DT	DEMOPOLIS AL	131.2	PLN	DTVPLN	-DTVP0336
20	WYLE	FLORENCE AL	131.2	CP	BPCDT	-19991101ALK
20	WYLE-DT	FLORENCE AL	126.8	PLN	DTVPLN	-DTVP0385
21	WTTT	HOMEWOOD AL	55.1	CP	BPCT	-19950629KO
24	WMDN	MERIDIAN MS	177.2	CP	BPCT	-19920325KI
32	WNCF	MONTGOMERY AL	161.0	LIC	BLCT	-20020131ACG
19	WIIQ-DT	Demopolis AL	131.7	APP	CUR	-PROPOSED

Total scenarios = 4

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	6428	907.0	
lost to all IX	176141	3494.9	

Potential Interfering Stations Included in above Scenario 1

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	BPCDT	19991022ABH	CP
17A FL PENSACOLA	BPCDT	19991028AEX	CP
17A MS GREENVILLE	BPCDT	19991019ABP	CP

After Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	6428	907.0	
lost to all IX	176141	3494.9	

Potential Interferring Stations Included in above Scenario 1

17N GA ATLANTA	BLCT	2402	LIC	
17N TN NASHVILLE	BPCT	20010529ABM	CP	
21N AL HOMEWOOD	BPCT	19950629KO	CP	
32N AL MONTGOMERY	BLCT	20020131ACG	LIC	
16A MS WEST POINT	BPCDT	19991022ABH	CP	
17A FL PENSACOLA	BPCDT	19991028AEX	CP	
17A MS GREENVILLE	BPCDT	19991019ABP	CP	
19A AL Demopolis	CUR	PROPOSED	APP	
*Percent new DTV interference without proposal:			0.5	BLCT 20030304AAA
*Percent new DTV interference with proposal:			0.5	BLCT 20030304AAA

Result key: 2
 Scenario 2 Affected station 1
 Before Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	5235	822.3	
lost to all IX	174948	3410.2	

Potential Interferring Stations Included in above Scenario 2

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	BPCDT	19991022ABH	CP
17A FL PENSACOLA	DTVPLN	DTVP0255	PLN
17A MS GREENVILLE	BPCDT	19991019ABP	CP

After Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	5235	826.4	
lost to all IX	174948	3414.3	

Potential Interferring Stations Included in above Scenario 2

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	BPCDT	19991022ABH	CP
17A FL PENSACOLA	DTVPLN	DTVP0255	PLN
17A MS GREENVILLE	BPCDT	19991019ABP	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:			0.4 BLCT 20030304AAA

*Percent new DTV interference with proposal: 0.4 BLCT 20030304AAA

Result key: 3
 Scenario 3 Affected station 1
 Before Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	6405	898.9	
lost to all IX	176118	3486.8	

Potential Interferring Stations Included in above Scenario 3

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	DTVPLN	DTVP0228	PLN
17A FL PENSACOLA	BPCDT	19991028AEX	CP
17A MS GREENVILLE	BPCDT	19991019ABP	CP

After Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	6405	898.9	
lost to all IX	176118	3486.8	

Potential Interferring Stations Included in above Scenario 3

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	DTVPLN	DTVP0228	PLN
17A FL PENSACOLA	BPCDT	19991028AEX	CP
17A MS GREENVILLE	BPCDT	19991019ABP	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.5	BLCT	20030304AAA
*Percent new DTV interference with proposal:	0.5	BLCT	20030304AAA

Result key: 4
 Scenario 4 Affected station 1
 Before Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	

lost to NTSC IX	169713	2587.9
lost to additional IX by ATV	5212	814.3
lost to all IX	174925	3402.2

Potential Interfering Stations Included in above Scenario 4

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	DTVPLN	DTVP0228	PLN
17A FL PENSACOLA	DTVPLN	DTVP0255	PLN
17A MS GREENVILLE	BPCDT	19991019ABP	CP

After Analysis

Results for: 17N AL BESSEMER	BLCT	20030304AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1278841	30660.0	
not affected by terrain losses	1248037	29370.1	
lost to NTSC IX	169713	2587.9	
lost to additional IX by ATV	5212	818.3	
lost to all IX	174925	3406.2	

Potential Interfering Stations Included in above Scenario 4

17N GA ATLANTA	BLCT	2402	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
21N AL HOMEWOOD	BPCT	19950629KO	CP
32N AL MONTGOMERY	BLCT	20020131ACG	LIC
16A MS WEST POINT	DTVPLN	DTVP0228	PLN
17A FL PENSACOLA	DTVPLN	DTVP0255	PLN
17A MS GREENVILLE	BPCDT	19991019ABP	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.4	BLCT	20030304AAA
*Percent new DTV interference with proposal:	0.4	BLCT	20030304AAA

#####

Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
18	WDBB-DT	BESSEMER AL	DTVPLN	-DTVP0291

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WDBB	BESSEMER AL	0.0	PLN	DTVPLN	-NPLN0977
18	WDHN	DOTHAN AL	316.8	PLN	DTVPLN	-NPLN1007
18	WCLPTV	CHATSWORTH GA	284.7	PLN	DTVPLN	-NPLN1014
18	WKYU-DT	BOWLING GREEN KY	407.8	PLN	DTVPLN	-DTVP0306
18	WMAU-DT	BUDE MS	392.1	PLN	DTVPLN	-DTVP0313
18	WMAVTV	OXFORD MS	231.0	PLN	DTVPLN	-NPLN1022

19	WIIQ-DT	DEMOPOLIS AL	131.2	PLN	DTVPLN	-DTVP0336
19	WHNTTV	HUNTSVILLE AL	161.0	PLN	DTVPLN	-NPLN1038

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
 HAAT 675.0 m, ATV ERP 186.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1331275	33111.3
not affected by terrain losses	1316988	32578.4
lost to NTSC IX	11669	407.8
lost to additional IX by ATV	129	52.5
lost to ATV IX only	129	52.5
lost to all IX	11798	460.3

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
17	WDBB	BESSEMER AL	DTVPLN -NPLN0977

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WOWL-DT	FLORENCE AL	127.6	PLN	DTVPLN -DTVP0121
15	WOWLTV	FLORENCE AL	127.6	PLN	DTVPLN -NPLN0912
16	WCOV-DT	MONTGOMERY AL	164.3	PLN	DTVPLN -DTVP0204
16	WLOV-DT	WEST POINT MS	160.0	PLN	DTVPLN -DTVP0228
17	WEAR-DT	PENSACOLA FL	317.9	PLN	DTVPLN -DTVP0255
17	WTBS	ATLANTA GA	280.7	PLN	DTVPLN -NPLN0983
17	WMAUTV	BUDE MS	392.1	PLN	DTVPLN -NPLN0990
17	WXVT-DT	GREENVILLE MS	306.6	PLN	DTVPLN -DTVP0267
17	WZTV	NASHVILLE TN	299.7	PLN	DTVPLN -NPLN1003
18	WDBB-DT	BESSEMER AL	0.0	PLN	DTVPLN -DTVP0291
19	WIIQ-DT	DEMOPOLIS AL	131.2	PLN	DTVPLN -DTVP0336
20	WYLE-DT	FLORENCE AL	126.8	PLN	DTVPLN -DTVP0385
21	WTTO	HOMEWOOD AL	55.1	PLN	DTVPLN -NPLN1097
24	WMDN	MERIDIAN MS	177.2	PLN	DTVPLN -NPLN1215
31	WAAYTV	HUNTSVILLE AL	160.9	PLN	DTVPLN -NPLN1398
32	WHOATV	MONTGOMERY AL	161.0	PLN	DTVPLN -NPLN1420

Results for: 17N AL BESSEMER DTVPLN NPLN0977 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1331058	33115.5
not affected by terrain losses	1293917	31787.2
lost to NTSC IX	163071	3064.5
lost to additional IX by ATV	6615	823.6
lost to all IX	169686	3888.1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WDBB-DT	BESSEMER AL	BPCDT -19991101AEA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WDBB	BESSEMER AL	0.0	LIC	BLCT -20030304AAA
18	WDHN	DOTHAN AL	316.8	LIC	BLCT -2038
18	WCLP-TV	CHATSWORTH GA	284.7	LIC	BLET -19891010KE
18	NEW	WARNER ROBINS GA	366.4	ADD	BPRM -20000717ACT
18	WKYU-DT	BOWLING GREEN KY	407.8	PLN	DTVPLN -DTVP0306

18	WKYU-DT	BOWLING GREEN KY	407.7	CP MOD	BMPEDT	-20030424ABI
18	WMAU-DT	BUDE MS	392.1	PLN	DTVPLN	-DTVP0313
18	WMAU-DT	BUDE MS	392.0	CP	BPEDT	-20000501AHS
18	WMAV-TV	OXFORD MS	231.0	LIC	BLET	-20001011ABP
19	WIIQ-DT	DEMOPOLIS AL	131.2	PLN	DTVPLN	-DTVP0336
19	WHNT-TV	HUNTSVILLE AL	161.0	LIC	BLCT	-20011116ABY
19	WIIQ-DT	Demopolis AL	131.7	APP	CUR	-PROPOSED

Total scenarios = 2

Result key: 5
 Scenario 1 Affected station 2
 Before Analysis

Results for: 18A AL BESSEMER BPCDT 19991101AEA CP
 HAAT 675.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1452350	39585.1
not affected by terrain losses	1436494	38698.3
lost to NTSC IX	16983	721.6
lost to additional IX by ATV	298	56.4
lost to ATV IX only	317	60.5
lost to all IX	17281	778.0

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
18A MS BUDE	BPEDT	20000501AHS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 18A AL BESSEMER BPCDT 19991101AEA CP
 HAAT 675.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1452350	39585.1
not affected by terrain losses	1436494	38698.3
lost to NTSC IX	16983	721.6
lost to additional IX by ATV	4059	741.7
lost to ATV IX only	4078	745.7
lost to all IX	21042	1463.3

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
18A MS BUDE	BPEDT	20000501AHS	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:		-8.7	to BPCDT 19991101AEA
*Percent Service lost with proposal:		-8.4	to BPCDT 19991101AEA

Result key: 6
 Scenario 2 Affected station 2
 Before Analysis

Results for: 18A AL BESSEMER BPCDT 19991101AEA CP
 HAAT 675.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1452350	39585.1
not affected by terrain losses	1436494	38698.3
lost to NTSC IX	16983	721.6
lost to additional IX by ATV	298	56.4
lost to ATV IX only	698	92.7
lost to all IX	17281	778.0

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
18A MS BUDE	BPEDT	20000501AHS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 18A AL BESSEMER BPCDT 19991101AEA CP
 HAAT 675.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1452350	39585.1
not affected by terrain losses	1436494	38698.3
lost to NTSC IX	16983	721.6
lost to additional IX by ATV	4059	741.7
lost to ATV IX only	4459	778.0
lost to all IX	21042	1463.3

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
18A MS BUDE	BPEDT	20000501AHS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent Service lost without proposal:	-8.7	to BPCDT	19991101AEA
*Percent Service lost with proposal:	-8.4	to BPCDT	19991101AEA

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WDBB-DT	BESSEMER AL	DTVPLN	-DTVP0291

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WDBB	BESSEMER AL	0.0	LIC	BLCT	-20030304AAA
18	WDHN	DOTHAN AL	316.8	LIC	BLCT	-2038
18	WCLP-TV	CHATSWORTH GA	284.7	LIC	BLET	-19891010KE
18	NEW	WARNER ROBINS GA	366.4	ADD	BPRM	-20000717ACT
18	WKYU-DT	BOWLING GREEN KY	407.8	PLN	DTVPLN	-DTVP0306
18	WKYU-DT	BOWLING GREEN KY	407.7	CP MOD	BMPEDT	-20030424ABI
18	WMAU-DT	BUDE MS	392.1	PLN	DTVPLN	-DTVP0313
18	WMAU-DT	BUDE MS	392.0	CP	BPEDT	-20000501AHS
18	WMAV-TV	OXFORD MS	231.0	LIC	BLET	-20001011ABP
19	WIIQ-DT	DEMOPOLIS AL	131.2	PLN	DTVPLN	-DTVP0336
19	WHNT-TV	HUNTSVILLE AL	161.0	LIC	BLCT	-20011116ABY
19	WIIQ-DT	Demopolis AL	131.7	APP	CUR	-PROPOSED

Total scenarios = 2

Result key: 7
Scenario 1 Affected station 3
Before Analysis

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
HAAT 675.0 m, ATV ERP 186.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1331275	33111.3
not affected by terrain losses	1316988	32578.4
lost to NTSC IX	11669	407.8
lost to additional IX by ATV	129	52.5
lost to ATV IX only	129	52.5
lost to all IX	11798	460.3

Potential Interfering Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
HAAT 675.0 m, ATV ERP 186.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1331275	33111.3
not affected by terrain losses	1316988	32578.4
lost to NTSC IX	11669	407.8
lost to additional IX by ATV	4383	714.6
lost to ATV IX only	4398	718.7
lost to all IX	16052	1122.4

Potential Interfering Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC	
18N GA CHATSWORTH	BLET	19891010KE	LIC	
18N MS OXFORD	BLET	20001011ABP	LIC	
19A AL Demopolis	CUR	PROPOSED	APP	
*Percent Service lost without proposal:			0.0	to DTVPLN DTVP0291
*Percent Service lost with proposal:			0.3	to DTVPLN DTVP0291

Result key: 8
Scenario 2 Affected station 3
Before Analysis

Results for: 18A AL BESSEMER	DTVPLN	DTVP0291	PLN
HAAT 675.0 m, ATV ERP 186.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1331275	33111.3	
not affected by terrain losses	1316988	32578.4	
lost to NTSC IX	11669	407.8	
lost to additional IX by ATV	129	52.5	
lost to ATV IX only	1155	96.9	
lost to all IX	11798	460.3	

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 18A AL BESSEMER	DTVPLN	DTVP0291	PLN
HAAT 675.0 m, ATV ERP 186.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1331275	33111.3	
not affected by terrain losses	1316988	32578.4	
lost to NTSC IX	11669	407.8	
lost to additional IX by ATV	4383	714.6	
lost to ATV IX only	5424	763.1	
lost to all IX	16052	1122.4	

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:			0.0 to DTVPLN DTVP0291
*Percent Service lost with proposal:			0.3 to DTVPLN DTVP0291

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WDBB-DT	BESSEMER AL	DTVPLN	-DTVP0291

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WDBB	BESSEMER AL	0.0	LIC	BLCT	-20030304AAA
18	WDHN	DOTHAN AL	316.8	LIC	BLCT	-2038
18	WCLP-TV	CHATSWORTH GA	284.7	LIC	BLET	-19891010KE
18	NEW	WARNER ROBINS GA	366.4	ADD	BPRM	-20000717ACT
18	WKYU-DT	BOWLING GREEN KY	407.8	PLN	DTVPLN	-DTVP0306
18	WKYU-DT	BOWLING GREEN KY	407.7	CP MOD	BMPEDT	-20030424ABI
18	WMAU-DT	BUDE MS	392.1	PLN	DTVPLN	-DTVP0313
18	WMAU-DT	BUDE MS	392.0	CP	BPEDT	-20000501AHS
18	WMAV-TV	OXFORD MS	231.0	LIC	BLET	-20001011ABP
19	WIIQ-DT	DEMOPOLIS AL	131.2	PLN	DTVPLN	-DTVP0336
19	WHNT-TV	HUNTSVILLE AL	161.0	LIC	BLCT	-20011116ABY
19	WIIQ-DT	Demopolis AL	131.7	APP	CUR	-PROPOSED

Total scenarios = 2

Result key: 9
 Scenario 1 Affected station 4
 Before Analysis

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
 HAAT 675.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	1340427	33551.6
not affected by terrain losses	1322671	32982.3
lost to NTSC IX	11508	407.8
lost to additional IX by ATV	167	56.5
lost to ATV IX only	167	56.5
lost to all IX	11675	464.3

Potential Interfering Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
 HAAT 675.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	1340427	33551.6
not affected by terrain losses	1322671	32982.3
lost to NTSC IX	11508	407.8
lost to additional IX by ATV	4325	734.8
lost to ATV IX only	4340	738.9
lost to all IX	15833	1142.6

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC	
18N GA CHATSWORTH	BLET	19891010KE	LIC	
18N MS OXFORD	BLET	20001011ABP	LIC	
19A AL Demopolis	CUR	PROPOSED	APP	
*Percent Service lost without proposal:			-0.4 to DTVPLN	DTVP0291
*Percent Service lost with proposal:			-0.1 to DTVPLN	DTVP0291

Result key: 10
 Scenario 2 Affected station 4
 Before Analysis

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
 HAAT 675.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	1340427	33551.6
not affected by terrain losses	1322671	32982.3
lost to NTSC IX	11508	407.8
lost to additional IX by ATV	167	56.5
lost to ATV IX only	840	80.7
lost to all IX	11675	464.3

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 18A AL BESSEMER DTVPLN DTVP0291 PLN
 HAAT 675.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	1340427	33551.6
not affected by terrain losses	1322671	32982.3
lost to NTSC IX	11508	407.8
lost to additional IX by ATV	4325	734.8
lost to ATV IX only	5013	763.1
lost to all IX	15833	1142.6

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
18N GA CHATSWORTH	BLET	19891010KE	LIC
18N MS OXFORD	BLET	20001011ABP	LIC
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:			-0.4 to DTVPLN DTVP0291
*Percent Service lost with proposal:			-0.1 to DTVPLN DTVP0291

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Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	WHNTTV	HUNTSVILLE AL	DTVPLN	-NPLN1038

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WELF-DT	DALTON GA	107.5	PLN	DTVPLN	-DTVP0211
18	WDBB-DT	BESSEMER AL	161.0	PLN	DTVPLN	-DTVP0291
18	WCLPTV	CHATSWORTH GA	166.0	PLN	DTVPLN	-NPLN1014
19	WIIQ-DT	DEMOPOLIS AL	291.2	PLN	DTVPLN	-DTVP0336
19	KTEJ	JONESBORO AR	405.6	PLN	DTVPLN	-NPLN1039
19	WGNX-DT	ATLANTA GA	226.3	PLN	DTVPLN	-DTVP0347
19	WGRB-DT	CAMPBELLSVILLE KY	291.6	PLN	DTVPLN	-DTVP0354
19	WLCN	MADISONVILLE KY	310.3	PLN	DTVPLN	-NPLN1043
20	WYLE-DT	FLORENCE AL	115.7	PLN	DTVPLN	-DTVP0385
21	WTO	HOMWOOD AL	141.7	PLN	DTVPLN	-NPLN1097
22	WFIQ-DT	FLORENCE AL	115.6	PLN	DTVPLN	-DTVP0468
23	WELF	DALTON GA	107.5	PLN	DTVPLN	-NPLN1170
23	WNAB-DT	NASHVILLE TN	132.6	PLN	DTVPLN	-DTVP0543
26	WYLE	FLORENCE AL	115.7	PLN	DTVPLN	-NPLN1263
26	WTJP-DT	GADSDEN AL	103.0	PLN	DTVPLN	-DTVP0628
33	WCFTTV	TUSCALOOSA AL	162.5	PLN	DTVPLN	-NPLN1441

Results for: 19N AL HUNTSVILLE	DTVPLN	NPLN1038	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	935592	26493.4	
not affected by terrain losses	882813	24486.4	
lost to NTSC IX	25634	997.5	
lost to additional IX by ATV	5862	193.1	
lost to all IX	31496	1190.5	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WHNT-TV	HUNTSVILLE AL	BLCT	-20011116ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WELF-DT	DALTON GA	107.5	CP	BPCDT	-19991013ABQ
16	WELF-DT	DALTON GA	107.5	PLN	DTVPLN	-DTVP0211
18	WDBB-DT	BESSEMER AL	161.0	CP	BPCDT	-19991101AEA
18	WDBB-DT	BESSEMER AL	161.0	PLN	DTVPLN	-DTVP0291
18	WCLP-TV	CHATSWORTH GA	166.0	LIC	BLET	-19891010KE
19	WIIQ-DT	DEMOPOLIS AL	291.2	PLN	DTVPLN	-DTVP0336
19	KTEJ	JONESBORO AR	405.6	APP	BPET	-20030509AAD
19	KTEJ	JONESBORO AR	405.6	LIC	BLET	-402
19	WGNX-DT	ATLANTA GA	226.3	PLN	DTVPLN	-DTVP0347
19	WBKI-DT	BARDSTOWN KY	375.2	ADD	BPRM	-20001229ABL
19	WBKI-TV	CAMPBELLSVILLE KY	325.3	CP	BPCDT	-19991101AKV
19	WGRB-DT	CAMPBELLSVILLE KY	291.6	PLN	DTVPLN	-DTVP0354
19	WVAZ-TV	MADISONVILLE KY	310.3	LIC	BLCT	-19921030KF

20	WYLE	FLORENCE AL	110.8	CP	BPCDT	-19991101ALK
20	WYLE-DT	FLORENCE AL	115.7	PLN	DTVPLN	-DTVP0385
21	WTTO	HOMWOOD AL	141.7	CP	BPCT	-19950629KO
22	WFIQ	FLORENCE AL	115.8	CP MOD	BMPEDT	-20000501AIS
22	WFIQ-DT	FLORENCE AL	115.6	PLN	DTVPLN	-DTVP0468
23	WELF	DALTON GA	107.5	LIC	BLCT	-19940516KE
23	WNAB-DT	NASHVILLE TN	132.6	PLN	DTVPLN	-DTVP0543
26	WYLE	FLORENCE AL	115.7	LIC	BLCT	-19860515KE
26	WTJP	GADSDEN AL	103.0	APP	BPCT	-20020703AAK
26	WTJP-DT	GADSDEN AL	103.0	PLN	DTVPLN	-DTVP0628
26	WTJP-DT	GADSDEN AL	103.0	CP	BPCDT	-19991101AHS
33	WCFT-TV	TUSCALOOSA AL	162.5	LIC	BLCT	-19961025KE
19	WIIQ-DT	Demopolis AL	291.6	APP	CUR	-PROPOSED

Total scenarios = 16

Result key: 11
 Scenario 1 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	7541	309.7	
lost to all IX	33122	1303.2	

Potential Interferring Stations Included in above Scenario 1

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	14353	647.6	
lost to all IX	39934	1641.0	

Potential Interferring Stations Included in above Scenario 1

18N GA CHATSWORTH	BLET	19891010KE	LIC
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19N KY MADISONVILLE	BLCT	19921030KF	LIC		
23N GA DALTON	BLCT	19940516KE	LIC		
26N AL FLORENCE	BLCT	19860515KE	LIC		
33N AL TUSCALOOSA	BLCT	19961025KE	LIC		
16A GA DALTON	BPCDT	19991013ABQ	CP		
18A AL BESSEMER	BPCDT	19991101AEA	CP		
19A GA ATLANTA	DTVPLN	DTVP0347	PLN		
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP		
20A AL FLORENCE	BPCDT	19991101ALK	CP		
22A AL FLORENCE	BMPEDT	20000501AIS	CP		
19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:				0.8	BLCT 20011116ABY
*Percent new DTV interference with proposal:				1.5	BLCT 20011116ABY

Result key: 12
Scenario 2 Affected station 5
Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6774	261.4	
lost to all IX	32355	1254.9	

Potential Interferring Stations Included in above Scenario 2

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13629	603.3	
lost to all IX	39210	1596.8	

Potential Interferring Stations Included in above Scenario 2

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC

26N AL FLORENCE	BLCT	19860515KE	LIC	
33N AL TUSCALOOSA	BLCT	19961025KE	LIC	
16A GA DALTON	BPCDT	19991013ABQ	CP	
18A AL BESSEMER	BPCDT	19991101AEA	CP	
19A GA ATLANTA	DTVPLN	DTVP0347	PLN	
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP	
20A AL FLORENCE	DTVPLN	DTVP0385	PLN	
22A AL FLORENCE	BMPEDT	20000501AIS	CP	
19A AL Demopolis	CUR	PROPOSED	APP	
*Percent new DTV interference without proposal:			0.7	BLCT 20011116ABY
*Percent new DTV interference with proposal:			1.5	BLCT 20011116ABY

Result key: 13
 Scenario 3 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	7236	289.6	
lost to all IX	32817	1283.0	

Potential Interferring Stations Included in above Scenario 3

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	14048	627.4	
lost to all IX	39629	1620.9	

Potential Interferring Stations Included in above Scenario 3

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC

16A	GA	DALTON	BPCDT	19991013ABQ	CP		
18A	AL	BESSEMER	BPCDT	19991101AEA	CP		
19A	GA	ATLANTA	DTVPLN	DTVP0347	PLN		
19A	KY	CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN		
20A	AL	FLORENCE	BPCDT	19991101ALK	CP		
22A	AL	FLORENCE	BMPEDT	20000501AIS	CP		
19A	AL	Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:					0.8	BLCT	20011116ABY
*Percent new DTV interference with proposal:					1.5	BLCT	20011116ABY

Result key: 14
Scenario 4 Affected station 5
Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6469	241.3	
lost to all IX	32050	1234.8	

Potential Interferring Stations Included in above Scenario 4

18N	GA	CHATSWORTH	BLET	19891010KE	LIC
19N	KY	MADISONVILLE	BLCT	19921030KF	LIC
23N	GA	DALTON	BLCT	19940516KE	LIC
26N	AL	FLORENCE	BLCT	19860515KE	LIC
33N	AL	TUSCALOOSA	BLCT	19961025KE	LIC
16A	GA	DALTON	BPCDT	19991013ABQ	CP
18A	AL	BESSEMER	BPCDT	19991101AEA	CP
19A	GA	ATLANTA	DTVPLN	DTVP0347	PLN
19A	KY	CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A	AL	FLORENCE	DTVPLN	DTVP0385	PLN
22A	AL	FLORENCE	BMPEDT	20000501AIS	CP
19A	AL	DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13324	583.2	
lost to all IX	38905	1576.7	

Potential Interferring Stations Included in above Scenario 4

18N	GA	CHATSWORTH	BLET	19891010KE	LIC
19N	KY	MADISONVILLE	BLCT	19921030KF	LIC
23N	GA	DALTON	BLCT	19940516KE	LIC
26N	AL	FLORENCE	BLCT	19860515KE	LIC
33N	AL	TUSCALOOSA	BLCT	19961025KE	LIC
16A	GA	DALTON	BPCDT	19991013ABQ	CP
18A	AL	BESSEMER	BPCDT	19991101AEA	CP

19A GA ATLANTA	DTVPLN	DTVP0347	PLN		
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN		
20A AL FLORENCE	DTVPLN	DTVP0385	PLN		
22A AL FLORENCE	BMPEDT	20000501AIS	CP		
19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:				0.7	BLCT 20011116ABY
*Percent new DTV interference with proposal:				1.4	BLCT 20011116ABY

Result key: 15
Scenario 5 Affected station 5
Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6914	265.5	
lost to all IX	32495	1258.9	

Potential Interfering Stations Included in above Scenario 5

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13962	627.4	
lost to all IX	39543	1620.9	

Potential Interfering Stations Included in above Scenario 5

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP

20A AL FLORENCE	BPCDT	19991101ALK	CP		
22A AL FLORENCE	BMPEDT	20000501AIS	CP		
19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:				0.7	BLCT 20011116ABY
*Percent new DTV interference with proposal:				1.5	BLCT 20011116ABY

Result key: 16
Scenario 6 Affected station 5
Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6147	217.2	
lost to all IX	31728	1210.6	

Potential Interfering Stations Included in above Scenario 6

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13238	583.2	
lost to all IX	38819	1576.7	

Potential Interfering Stations Included in above Scenario 6

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP

19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:			0.7	BLCT	20011116ABY
*Percent new DTV interference with proposal:			1.4	BLCT	20011116ABY

Result key: 17
Scenario 7 Affected station 5
Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6609	245.3	
lost to all IX	32190	1238.8	

Potential Interfering Stations Included in above Scenario 7

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13657	607.3	
lost to all IX	39238	1600.8	

Potential Interfering Stations Included in above Scenario 7

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:		0.7	BLCT 20011116ABY

*Percent new DTV interference with proposal: 1.5 BLCT 20011116ABY

Result key: 18
 Scenario 8 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	5842	197.1	
lost to all IX	31423	1190.5	

Potential Interfering Stations Included in above Scenario 8

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	12933	563.1	
lost to all IX	38514	1556.5	

Potential Interfering Stations Included in above Scenario 8

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal: 0.6 BLCT 20011116ABY

*Percent new DTV interference with proposal: 1.4 BLCT 20011116ABY

Result key: 19
 Scenario 9 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	7541	309.7	
lost to all IX	33122	1303.2	

Potential Interferring Stations Included in above Scenario 9

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	14353	647.6	
lost to all IX	39934	1641.0	

Potential Interferring Stations Included in above Scenario 9

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.8	BLCT	20011116ABY
*Percent new DTV interference with proposal:	1.5	BLCT	20011116ABY

Result key: 20
 Scenario 10 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6774	261.4	
lost to all IX	32355	1254.9	

Potential Interferring Stations Included in above Scenario 10

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13629	603.3	
lost to all IX	39210	1596.8	

Potential Interferring Stations Included in above Scenario 10

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal: 0.7 BLCT 20011116ABY

*Percent new DTV interference with proposal: 1.5 BLCT 20011116ABY

Result key: 21
 Scenario 11 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	7274	293.6	
lost to all IX	32855	1287.1	

Potential Interfering Stations Included in above Scenario 11

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	14086	631.5	
lost to all IX	39667	1624.9	

Potential Interfering Stations Included in above Scenario 11

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal: 0.8 BLCT 20011116ABY

*Percent new DTV interference with proposal: 1.5 BLCT 20011116ABY

Result key: 22
 Scenario 12 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6507	245.3	
lost to all IX	32088	1238.8	

Potential Interferring Stations Included in above Scenario 12

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13362	587.2	
lost to all IX	38943	1580.7	

Potential Interferring Stations Included in above Scenario 12

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	BPCDT	19991101AEA	CP
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.7	BLCT	20011116ABY
*Percent new DTV interference with proposal:	1.4	BLCT	20011116ABY

Result key: 23
 Scenario 13 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6914	265.5	
lost to all IX	32495	1258.9	

Potential Interferring Stations Included in above Scenario 13

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13962	627.4	
lost to all IX	39543	1620.9	

Potential Interferring Stations Included in above Scenario 13

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.7	BLCT	20011116ABY
*Percent new DTV interference with proposal:	1.5	BLCT	20011116ABY

Result key: 24
 Scenario 14 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6147	217.2	
lost to all IX	31728	1210.6	

Potential Interferring Stations Included in above Scenario 14

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13238	583.2	
lost to all IX	38819	1576.7	

Potential Interferring Stations Included in above Scenario 14

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	BPCDT	19991101AKV	CP
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.7	BLCT	20011116ABY
*Percent new DTV interference with proposal:	1.4	BLCT	20011116ABY

Result key: 25
 Scenario 15 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	6647	249.4	
lost to all IX	32228	1242.8	

Potential Interferring Stations Included in above Scenario 15

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	13695	611.4	
lost to all IX	39276	1604.8	

Potential Interferring Stations Included in above Scenario 15

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	BPCDT	19991101ALK	CP
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.7	BLCT	20011116ABY
*Percent new DTV interference with proposal:	1.5	BLCT	20011116ABY

Result key: 26
 Scenario 16 Affected station 5
 Before Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	5880	201.1	
lost to all IX	31461	1194.6	

Potential Interferring Stations Included in above Scenario 16

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	932157	26421.0	
not affected by terrain losses	881185	24418.0	
lost to NTSC IX	25581	993.5	
lost to additional IX by ATV	12971	567.1	
lost to all IX	38552	1560.6	

Potential Interferring Stations Included in above Scenario 16

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N KY MADISONVILLE	BLCT	19921030KF	LIC
23N GA DALTON	BLCT	19940516KE	LIC
26N AL FLORENCE	BLCT	19860515KE	LIC
33N AL TUSCALOOSA	BLCT	19961025KE	LIC
16A GA DALTON	BPCDT	19991013ABQ	CP
18A AL BESSEMER	DTVPLN	DTVP0291	PLN
19A GA ATLANTA	DTVPLN	DTVP0347	PLN
19A KY BARDSTOWN	BPRM	20001229ABL	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A AL FLORENCE	DTVPLN	DTVP0385	PLN
22A AL FLORENCE	BMPEDT	20000501AIS	CP
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.6	BLCT	20011116ABY
*Percent new DTV interference with proposal:	1.4	BLCT	20011116ABY

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Analysis of Interference to Affected Station 6

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	WMBB-DT	PANAMA CITY FL	DTVPLN	-DTVP0346

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDHN	DOTHAN AL	99.1	PLN	DTVPLN	-NPLN1007
19	WIIQ-DT	DEMOPOLIS AL	324.6	PLN	DTVPLN	-DTVP0336
19	WTEV-DT	JACKSONVILLE FL	367.0	PLN	DTVPLN	-DTVP0343
19	WGNX-DT	ATLANTA GA	396.5	PLN	DTVPLN	-DTVP0347
19	WMAHTV	BILOXI MS	343.2	PLN	DTVPLN	-NPLN1049
20	WMPV-DT	MOBILE AL	208.9	PLN	DTVPLN	-DTVP0386
20	WABW-DT	PELHAM GA	150.5	PLN	DTVPLN	-DTVP0394

Results for: 19A FL PANAMA CITY DTVPLN DTVP0346 PLN
 HAAT 437.0 m, ATV ERP 538.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	580794	35990.2
not affected by terrain losses	580431	35958.1
lost to NTSC IX	5494	104.3
lost to additional IX by ATV	2099	164.4
lost to ATV IX only	2099	164.4
lost to all IX	7593	268.7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
13	WMBB	PANAMA CITY FL	DTVPLN	-NPLN0821

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WSFA	MONTGOMERY AL	194.8	PLN	DTVPLN	-NPLN0752
13	WVTMTV	BIRMINGHAM AL	373.2	PLN	DTVPLN	-NPLN0812
13	WTLV-DT	JACKSONVILLE FL	368.3	PLN	DTVPLN	-DTVP0112
13	WTVT	TAMPA FL	415.8	PLN	DTVPLN	-NPLN0822
13	WMAZTV	MACON GA	318.2	PLN	DTVPLN	-NPLN0823
13	WLOXTV	BILOXI MS	356.7	PLN	DTVPLN	-NPLN0842

Results for: 13N FL PANAMA CITY DTVPLN NPLN0821 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	580794	35990.2
not affected by terrain losses	572124	35613.2
lost to NTSC IX	60852	1860.9
lost to additional IX by ATV	0	0.0
lost to all IX	60852	1860.9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WMBB-DT	PANAMA CITY FL	DTVPLN	-DTVP0346

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDHN	DOTHAN AL	99.1	LIC	BLCT	-2038
19	WIIQ-DT	DEMOPOLIS AL	324.6	PLN	DTVPLN	-DTVP0336
19	WTEV-DT	JACKSONVILLE FL	366.7	CP MOD	BMPCDT	-20020102AAJ
19	WTEV-DT	JACKSONVILLE FL	367.0	PLN	DTVPLN	-DTVP0343
19	WMOR-DT	LAKELAND FL	414.3	CP MOD	BMPCDT	-20011101AAK
19	WGNX-DT	ATLANTA GA	396.5	PLN	DTVPLN	-DTVP0347
19	WMAH-TV	BILOXI MS	343.2	LIC	BLET	-20001011ABM
20	WMPV-DT	MOBILE AL	208.9	PLN	DTVPLN	-DTVP0386
20	WMPV-DT	MOBILE AL	208.9	CP	BPCDT	-19991101AHY
20	WCOV-TV	MONTGOMERY AL	194.6	CP	BPCT	-19960726KH
20	WABW-DT	PELHAM GA	150.5	PLN	DTVPLN	-DTVP0394
19	WIIQ-DT	Demopolis AL	324.3	APP	CUR	-PROPOSED

Total scenarios = 2

Result key: 27
Scenario 1 Affected station 6
Before Analysis

Results for: 19A FL PANAMA CITY DTVPLN DTVP0346 PLN
HAAT 437.0 m, ATV ERP 538.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	580794	35990.2
not affected by terrain losses	580431	35958.1
lost to NTSC IX	5494	104.3
lost to additional IX by ATV	2099	164.4
lost to ATV IX only	2099	164.4
lost to all IX	7593	268.7

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
19A FL JACKSONVILLE	BMPCDT	20020102AAJ	CP
20A GA PELHAM	DTVPLN	DTVP0394	PLN

After Analysis

Results for: 19A FL PANAMA CITY DTVPLN DTVP0346 PLN
HAAT 437.0 m, ATV ERP 538.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	580794	35990.2
not affected by terrain losses	580431	35958.1
lost to NTSC IX	5494	104.3
lost to additional IX by ATV	2106	168.4
lost to ATV IX only	2106	168.4
lost to all IX	7600	272.7

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
19A FL JACKSONVILLE	BMPCDT	20020102AAJ	CP
20A GA PELHAM	DTVPLN	DTVP0394	PLN

19A AL Demopolis	CUR	PROPOSED	APP	
*Percent Service lost without proposal:		0.0	to DTVPLN	DTVP0346
*Percent Service lost with proposal:		0.0	to DTVPLN	DTVP0346

Result key: 28
 Scenario 2 Affected station 6
 Before Analysis

Results for: 19A FL PANAMA CITY DTVPLN DTVP0346 PLN
 HAAT 437.0 m, ATV ERP 538.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	580794	35990.2
not affected by terrain losses	580431	35958.1
lost to NTSC IX	5494	104.3
lost to additional IX by ATV	2099	164.4
lost to ATV IX only	2099	164.4
lost to all IX	7593	268.7

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
19A FL JACKSONVILLE	DTVPLN	DTVP0343	PLN
20A GA PELHAM	DTVPLN	DTVP0394	PLN

After Analysis

Results for: 19A FL PANAMA CITY DTVPLN DTVP0346 PLN
 HAAT 437.0 m, ATV ERP 538.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	580794	35990.2
not affected by terrain losses	580431	35958.1
lost to NTSC IX	5494	104.3
lost to additional IX by ATV	2106	168.4
lost to ATV IX only	2106	168.4
lost to all IX	7600	272.7

Potential Interferring Stations Included in above Scenario 2

18N AL DOTHAN	BLCT	2038	LIC
19A FL JACKSONVILLE	DTVPLN	DTVP0343	PLN
20A GA PELHAM	DTVPLN	DTVP0394	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:		0.0	to DTVPLN DTVP0346
*Percent Service lost with proposal:		0.0	to DTVPLN DTVP0346

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WMBB-DT	PANAMA CITY FL	BPCDT -19991026ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDHN	DOTHAN AL	99.1	LIC	BLCT	-2038
19	WIIQ-DT	DEMOPOLIS AL	324.6	PLN	DTVPLN	-DTVP0336
19	WTEV-DT	JACKSONVILLE FL	366.7	CP MOD	BMPCDT	-20020102AAJ
19	WTEV-DT	JACKSONVILLE FL	367.1	PLN	DTVPLN	-DTVP0343
19	WMOR-DT	LAKELAND FL	414.3	CP MOD	BMPCDT	-20011101AAK
19	WGNX-DT	ATLANTA GA	396.6	PLN	DTVPLN	-DTVP0347
19	WMAH-TV	BILOXI MS	343.1	LIC	BLET	-20001011ABM
20	WMPV-DT	MOBILE AL	208.9	PLN	DTVPLN	-DTVP0386
20	WMPV-DT	MOBILE AL	208.9	CP	BPCDT	-19991101AHY
20	WCOV-TV	MONTGOMERY AL	194.7	CP	BPCT	-19960726KH
20	WABW-DT	PELHAM GA	150.6	PLN	DTVPLN	-DTVP0394
19	WIIQ-DT	Demopolis AL	324.3	APP	CUR	-PROPOSED

Total scenarios = 1

Result key: 29
Scenario 1 Affected station 7
Before Analysis

Results for: 19A FL PANAMA CITY BPCDT 19991026ABS CP
HAAT 405.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	624717	32744.9
not affected by terrain losses	624561	32712.9
lost to NTSC IX	2373	76.1
lost to additional IX by ATV	2768	220.4
lost to ATV IX only	2768	220.4
lost to all IX	5141	296.5

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
20A GA PELHAM	DTVPLN	DTVP0394	PLN

After Analysis

Results for: 19A FL PANAMA CITY BPCDT 19991026ABS CP
HAAT 405.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	624717	32744.9
not affected by terrain losses	624561	32712.9
lost to NTSC IX	2373	76.1
lost to additional IX by ATV	2788	228.4
lost to ATV IX only	2788	228.4
lost to all IX	5161	304.5

Potential Interferring Stations Included in above Scenario 1

18N AL DOTHAN	BLCT	2038	LIC
20A GA PELHAM	DTVPLN	DTVP0394	PLN
19A AL Demopolis	CUR	PROPOSED	APP

*Percent Service lost without proposal: -8.1 to BPCDT 19991026ABS
*Percent Service lost with proposal: -8.1 to BPCDT 19991026ABS

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Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	WGNX-DT	ATLANTA GA	DTVPLN	-DTVP0347

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WCLPTV	CHATSWORTH GA	110.4	PLN	DTVPLN	-NPLN1014
18	WNEH-DT	GREENWOOD SC	209.6	PLN	DTVPLN	-DTVP0322
19	WIIQ-DT	DEMOPOLIS AL	365.4	PLN	DTVPLN	-DTVP0336
19	WHNTTV	HUNTSVILLE AL	226.3	PLN	DTVPLN	-NPLN1038
19	WMBB-DT	PANAMA CITY FL	396.5	PLN	DTVPLN	-DTVP0346
19	WGRB-DT	CAMPBELLSVILLE KY	383.7	PLN	DTVPLN	-DTVP0354
19	WLTX	COLUMBIA SC	331.3	PLN	DTVPLN	-NPLN1057
19	WKPTTV	KINGSPORT TN	353.8	PLN	DTVPLN	-NPLN1058
20	WTBS-DT	ATLANTA GA	5.3	PLN	DTVPLN	-DTVP0393
20	WCSTV	WRENS GA	199.9	PLN	DTVPLN	-NPLN1074

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN

HAAT 332.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3105983	19309.5
not affected by terrain losses	3098738	19040.4
lost to NTSC IX	6891	228.9
lost to additional IX by ATV	1879	72.3
lost to ATV IX only	1879	72.3
lost to all IX	8770	301.2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
46	WGNX	ATLANTA GA	DTVPLN	-NPLN1699

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WSB-DT	ATLANTA GA	5.2	PLN	DTVPLN	-DTVP1084
42	WFLI-DT	CLEVELAND TN	137.9	PLN	DTVPLN	-DTVP1209
43	WUPA-DT	ATLANTA GA	6.9	PLN	DTVPLN	-DTVP1221
44	WHSB-DT	MONROE GA	32.0	PLN	DTVPLN	-DTVP1259
45	WVAL-DT	GADSDEN AL	173.7	PLN	DTVPLN	-DTVP1288
45	WMAZ-DT	MACON GA	137.9	PLN	DTVPLN	-DTVP1294
45	WTCI	CHATTANOOGA TN	177.8	PLN	DTVPLN	-NPLN1690
46	WMCF-DT	MONTGOMERY AL	232.9	PLN	DTVPLN	-DTVP1316
46	WVAN-DT	SAVANNAH GA	313.9	PLN	DTVPLN	-DTVP1324
46	WJZY	BELMONT NC	338.8	PLN	DTVPLN	-NPLN1704
46	WDCN-DT	NASHVILLE TN	336.8	PLN	DTVPLN	-DTVP1341
47	WTVM-DT	COLUMBUS GA	169.9	PLN	DTVPLN	-DTVP1357
47	WDEF-DT	CHATTANOOGA TN	172.9	PLN	DTVPLN	-DTVP1373
48	WNGM-DT	ATHENS GA	56.8	PLN	DTVPLN	-DTVP1388

50	WGNM-DT	MACON GA	138.2	PLN	DTVPLN	-DTVP1444
53	WFLI	CLEVELAND TN	137.9	PLN	DTVPLN	-NPLN1831
60	WTJP	GADSDEN AL	194.7	PLN	DTVPLN	-NPLN1910
61	WDSITV	CHATTANOOGA TN	177.9	PLN	DTVPLN	-NPLN1930

Results for: 46N GA ATLANTA

	POPULATION	AREA (sq km)
within Noise Limited Contour	3105983	19309.5
not affected by terrain losses	3083576	18578.5
lost to NTSC IX	6789	136.5
lost to additional IX by ATV	2797	168.7
lost to all IX	9586	305.2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WGNX-DT	ATLANTA GA	DTVPLN -DTVP0347

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WCLP-TV	CHATSWORTH GA	110.4	LIC	BLET -19891010KE
18	NEW	WARNER ROBINS GA	136.8	ADD	BPRM -20000717ACT
18	WNEH-DT	GREENWOOD SC	209.6	CP	BPEDT -20000501AGM
18	WNEH-DT	GREENWOOD SC	209.6	PLN	DTVPLN -DTVP0322
19	WIIQ-DT	DEMOPOLIS AL	365.4	PLN	DTVPLN -DTVP0336
19	WHNT-TV	HUNTSVILLE AL	226.3	LIC	BLCT -20011116ABY
19	WMBB-DT	PANAMA CITY FL	396.5	PLN	DTVPLN -DTVP0346
19	WMBB-DT	PANAMA CITY FL	396.6	CP	BPCDT -19991026ABS
19	WBKI-TV	CAMPBELLSVILLE KY	425.7	CP	BPCDT -19991101AKV
19	WGRB-DT	CAMPBELLSVILLE KY	383.7	PLN	DTVPLN -DTVP0354
19	WLTX	COLUMBIA SC	331.3	LIC	BLCT -19850719KF
19	WKPT-TV	KINGSPORT TN	353.8	CP	BPCT -19960711KM
20	WTBS	ATLANTA GA	0.1	CP	BPCDT -19991028AEK
20	WTBS-DT	ATLANTA GA	5.3	PLN	DTVPLN -DTVP0393
20	WCES-TV	WRENS GA	199.9	LIC	BLET -19880627KE
19	WIIQ-DT	Demopolis AL	365.6	APP	CUR -PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WGNX-DT	ATLANTA GA	DTVPLN -DTVP0347

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WCLP-TV	CHATSWORTH GA	110.4	LIC	BLET -19891010KE
18	NEW	WARNER ROBINS GA	136.8	ADD	BPRM -20000717ACT
18	WNEH-DT	GREENWOOD SC	209.6	CP	BPEDT -20000501AGM
18	WNEH-DT	GREENWOOD SC	209.6	PLN	DTVPLN -DTVP0322
19	WIIQ-DT	DEMOPOLIS AL	365.4	PLN	DTVPLN -DTVP0336
19	WHNT-TV	HUNTSVILLE AL	226.3	LIC	BLCT -20011116ABY

19	WMBB-DT	PANAMA CITY FL	396.5	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	396.6	CP	BPCDT	-19991026ABS
19	WBKI-TV	CAMPBELLSVILLE KY	425.7	CP	BPCDT	-19991101AKV
19	WGRB-DT	CAMPBELLSVILLE KY	383.7	PLN	DTVPLN	-DTVP0354
19	WLTX	COLUMBIA SC	331.3	LIC	BLCT	-19850719KF
19	WKPT-TV	KINGSPORT TN	353.8	CP	BPCT	-19960711KM
20	WTBS	ATLANTA GA	0.1	CP	BPCDT	-19991028AEK
20	WTBS-DT	ATLANTA GA	5.3	PLN	DTVPLN	-DTVP0393
20	WCES-TV	WRENS GA	199.9	LIC	BLET	-19880627KE
19	WIIQ-DT	Demopolis AL	365.6	APP	CUR	-PROPOSED

Total scenarios = 4

Result key: 30
 Scenario 1 Affected station 9
 Before Analysis

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN
 HAAT 332.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	3328645	25739.6
not affected by terrain losses	3312372	25125.1
lost to NTSC IX	18890	502.0
lost to additional IX by ATV	233	12.0
lost to ATV IX only	264	16.1
lost to all IX	19123	514.1

Potential Interferring Stations Included in above Scenario 1

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	BPCDT	19991028AEK	CP

After Analysis

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN
 HAAT 332.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	3328645	25739.6
not affected by terrain losses	3312372	25125.1
lost to NTSC IX	18890	502.0
lost to additional IX by ATV	514	16.1
lost to ATV IX only	615	24.1
lost to all IX	19404	518.1

Potential Interferring Stations Included in above Scenario 1

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	BPCDT	19991028AEK	CP

19A AL Demopolis	CUR	PROPOSED	APP	
*Percent Service lost without proposal:		-6.6	to DTVPLN	DTVP0347
*Percent Service lost with proposal:		-6.6	to DTVPLN	DTVP0347

Result key: 31
Scenario 2 Affected station 9
Before Analysis

Results for: 19A GA ATLANTA	DTVPLN	DTVP0347	PLN
HAAT 332.0 m, ATV ERP 200.0 kW Maximized			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3328645	25739.6	
not affected by terrain losses	3312372	25125.1	
lost to NTSC IX	18890	502.0	
lost to additional IX by ATV	270	16.1	
lost to ATV IX only	301	20.1	
lost to all IX	19160	518.1	

Potential Interferring Stations Included in above Scenario 2

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	DTVPLN	DTVP0393	PLN

After Analysis

Results for: 19A GA ATLANTA	DTVPLN	DTVP0347	PLN
HAAT 332.0 m, ATV ERP 200.0 kW Maximized			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3328645	25739.6	
not affected by terrain losses	3312372	25125.1	
lost to NTSC IX	18890	502.0	
lost to additional IX by ATV	551	20.1	
lost to ATV IX only	652	28.1	
lost to all IX	19441	522.1	

Potential Interferring Stations Included in above Scenario 2

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	DTVPLN	DTVP0393	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:		-6.6	to DTVPLN DTVP0347
*Percent Service lost with proposal:		-6.6	to DTVPLN DTVP0347

Result key: 32
Scenario 3 Affected station 9
Before Analysis

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN
 HAAT 332.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	3328645	25739.6
not affected by terrain losses	3312372	25125.1
lost to NTSC IX	18890	502.0
lost to additional IX by ATV	286	32.1
lost to ATV IX only	317	36.1
lost to all IX	19176	534.1

Potential Interferring Stations Included in above Scenario 3

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	BPCDT	19991028AEK	CP

After Analysis

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN
 HAAT 332.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	3328645	25739.6
not affected by terrain losses	3312372	25125.1
lost to NTSC IX	18890	502.0
lost to additional IX by ATV	567	36.1
lost to ATV IX only	668	44.2
lost to all IX	19457	538.2

Potential Interferring Stations Included in above Scenario 3

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	BPCDT	19991028AEK	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:	-6.6	to DTVPLN	DTVP0347
*Percent Service lost with proposal:	-6.6	to DTVPLN	DTVP0347

Result key: 33
 Scenario 4 Affected station 9
 Before Analysis

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN
 HAAT 332.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	3328645	25739.6
not affected by terrain losses	3312372	25125.1
lost to NTSC IX	18890	502.0
lost to additional IX by ATV	323	36.1

lost to ATV IX only	354	40.2
lost to all IX	19213	538.2

Potential Interferring Stations Included in above Scenario 4

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	DTVPLN	DTVP0393	PLN

After Analysis

Results for: 19A GA ATLANTA DTVPLN DTVP0347 PLN
 HAAT 332.0 m, ATV ERP 200.0 kW Maximized

	POPULATION	AREA (sq km)
within Noise Limited Contour	3328645	25739.6
not affected by terrain losses	3312372	25125.1
lost to NTSC IX	18890	502.0
lost to additional IX by ATV	604	40.2
lost to ATV IX only	705	48.2
lost to all IX	19494	542.2

Potential Interferring Stations Included in above Scenario 4

18N GA CHATSWORTH	BLET	19891010KE	LIC
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC
19N SC COLUMBIA	BLCT	19850719KF	LIC
19N TN KINGSPORT	BPCT	19960711KM	CP
18A GA WARNER ROBINS	BPRM	20000717ACT	ADD
19A KY CAMPBELLSVILLE	DTVPLN	DTVP0354	PLN
20A GA ATLANTA	DTVPLN	DTVP0393	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:	-6.6	to DTVPLN	DTVP0347
*Percent Service lost with proposal:	-6.6	to DTVPLN	DTVP0347

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Analysis of Interference to Affected Station 10

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	KLTM-DT	MONROE LA	DTVPLN	-DTVP0355

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLTLTV	LAKE CHARLES LA	218.4	PLN	DTVPLN	-NPLN1020
18	WMAU-DT	BUDE MS	154.6	PLN	DTVPLN	-DTVP0313
19	WIIQ-DT	DEMOPOLIS AL	395.3	PLN	DTVPLN	-DTVP0336
19	WMAHTV	BILOXI MS	336.7	PLN	DTVPLN	-NPLN1049
19	KLSBTv	NACOGDOCHES TX	269.2	PLN	DTVPLN	-NPLN1059

20	KLTL-DT	LAKE CHARLES LA	218.4	PLN	DTVPLN	-DTVP0398
20	WMPN-DT	JACKSON MS	158.7	PLN	DTVPLN	-DTVP0405

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	791	113.0
lost to additional IX by ATV	2267	125.2
lost to ATV IX only	2620	181.7
lost to all IX	3058	238.2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
13	KLTMTV	MONROE LA	DTVPLN -NPLN0834

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	KSLATV	SHREVEPORT LA	182.7	PLN	DTVPLN -NPLN0768
12	WJTV	JACKSON MS	156.7	PLN	DTVPLN -NPLN0776
13	WLOXTV	BILOXI MS	326.3	PLN	DTVPLN -NPLN0842
13	WHBQTV	MEMPHIS TN	389.8	PLN	DTVPLN -NPLN0864

Results for: 13N LA MONROE DTVPLN NPLN0834 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41111.9
not affected by terrain losses	674929	39945.1
lost to NTSC IX	54397	3892.0
lost to additional IX by ATV	0	0.0
lost to all IX	54397	3892.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KLTM-DT	MONROE LA	BPEDT -20000421AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WMAU-DT	BUDE MS	180.9	PLN	DTVPLN -DTVP0313
18	WMAU-DT	BUDE MS	180.9	CP	BPEDT -20000501AHS
19	WIIQ-DT	DEMOPOLIS AL	397.6	PLN	DTVPLN -DTVP0336
19	KTEJ	JONESBORO AR	394.7	APP	BPET -20030509AAD
19	KTEJ	JONESBORO AR	394.7	LIC	BLET -402
19	WMAH-TV	BILOXI MS	357.8	LIC	BLET -20001011ABM
19	KLSB-TV	NACOGDOCHES TX	288.8	CP	BPCT -20020509AAK
20	960923KH	HOT SPRINGS AR	222.9	APP	BPET -19960923KH
20	961001KG	HOT SPRINGS AR	210.7	APP	BPET -19961001KG
20	WMPN-DT	JACKSON MS	163.6	CP	BPEDT -20000113AAH
20	WMPN-DT	JACKSON MS	165.3	PLN	DTVPLN -DTVP0405
19	WIIQ-DT	Demopolis AL	397.6	APP	CUR -PROPOSED

Station is "Checklist Like" no further analysis required

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KLTM-DT	MONROE LA	DTVPLN	-DTVP0355

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLTL-TV	LAKE CHARLES LA	218.4	LIC	BLET	-19810508KF
18	WMAU-DT	BUDE MS	154.6	PLN	DTVPLN	-DTVP0313
18	WMAU-DT	BUDE MS	154.5	CP	BPEDT	-20000501AHS
19	WIIQ-DT	DEMOPOLIS AL	395.3	PLN	DTVPLN	-DTVP0336
19	WMAH-TV	BILOXI MS	336.6	LIC	BLET	-20001011ABM
19	KLSB-TV	NACOGDOCHES TX	285.9	CP	BPCT	-20020509AAK
20	KLTL-DT	LAKE CHARLES LA	218.7	CP MOD	BMPEDT	-20030425AAZ
20	KLTL-DT	LAKE CHARLES LA	218.4	PLN	DTVPLN	-DTVP0398
20	WMPN-DT	JACKSON MS	156.5	CP	BPEDT	-20000113AAH
20	WMPN-DT	JACKSON MS	158.7	PLN	DTVPLN	-DTVP0405
19	WIIQ-DT	Demopolis AL	395.2	APP	CUR	-PROPOSED

Total scenarios = 4

Result key: 34

Scenario 1 Affected station 11

Before Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	4408	278.6
lost to ATV IX only	4714	331.1
lost to all IX	5535	460.3

Potential Interferring Stations Included in above Scenario 1

19N MS BILOXI	BLET	20001011ABM	LIC
19N TX NACOGDOCHES	BPCT	20020509AAK	CP
18A MS BUDE	DTVPLN	DTVP0313	PLN
20A MS JACKSON	BPEDT	20000113AAH	CP

After Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	4408	278.6
lost to ATV IX only	4714	331.1

lost to all IX 5535 460.3

Potential Interferring Stations Included in above Scenario 1

19N MS BILOXI	BLET	20001011ABM	LIC	
19N TX NACOGDOCHES	BPCT	20020509AAK	CP	
18A MS BUDE	DTVPLN	DTVP0313	PLN	
20A MS JACKSON	BPEDT	20000113AAH	CP	
19A AL Demopolis	CUR	PROPOSED	APP	
*Percent Service lost without proposal:			0.4	to DTVPLN DTVP0355
*Percent Service lost with proposal:			0.4	to DTVPLN DTVP0355

Result key: 35
 Scenario 2 Affected station 11
 Before Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	2267	125.2
lost to ATV IX only	2620	181.7
lost to all IX	3394	306.8

Potential Interferring Stations Included in above Scenario 2

19N MS BILOXI	BLET	20001011ABM	LIC
19N TX NACOGDOCHES	BPCT	20020509AAK	CP
18A MS BUDE	DTVPLN	DTVP0313	PLN
20A MS JACKSON	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	2267	125.2
lost to ATV IX only	2620	181.7
lost to all IX	3394	306.8

Potential Interferring Stations Included in above Scenario 2

19N MS BILOXI	BLET	20001011ABM	LIC	
19N TX NACOGDOCHES	BPCT	20020509AAK	CP	
18A MS BUDE	DTVPLN	DTVP0313	PLN	
20A MS JACKSON	DTVPLN	DTVP0405	PLN	
19A AL Demopolis	CUR	PROPOSED	APP	
*Percent Service lost without proposal:			0.0	to DTVPLN DTVP0355
*Percent Service lost with proposal:			0.0	to DTVPLN DTVP0355

Result key: 36
 Scenario 3 Affected station 11
 Before Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	5697	452.2
lost to ATV IX only	6194	516.8
lost to all IX	6824	633.9

Potential Interferring Stations Included in above Scenario 3

19N MS BILOXI	BLET	20001011ABM	LIC
19N TX NACOGDOCHES	BPCT	20020509AAK	CP
18A MS BUDE	BPEDT	20000501AHS	CP
20A MS JACKSON	BPEDT	20000113AAH	CP

After Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	5697	452.2
lost to ATV IX only	6194	516.8
lost to all IX	6824	633.9

Potential Interferring Stations Included in above Scenario 3

19N MS BILOXI	BLET	20001011ABM	LIC
19N TX NACOGDOCHES	BPCT	20020509AAK	CP
18A MS BUDE	BPEDT	20000501AHS	CP
20A MS JACKSON	BPEDT	20000113AAH	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:	0.5	to DTVPLN	DTVP0355
*Percent Service lost with proposal:	0.5	to DTVPLN	DTVP0355

Result key: 37
 Scenario 4 Affected station 11
 Before Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	3743	327.0
lost to ATV IX only	4240	391.6
lost to all IX	4870	508.7

Potential Interfering Stations Included in above Scenario 4

19N MS BILOXI	BLET	20001011ABM	LIC
19N TX NACOGDOCHES	BPCT	20020509AAK	CP
18A MS BUDE	BPEDT	20000501AHS	CP
20A MS JACKSON	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 19A LA MONROE DTVPLN DTVP0355 PLN
 HAAT 543.0 m, ATV ERP 554.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	692103	41115.9
not affected by terrain losses	691306	41019.0
lost to NTSC IX	1127	181.7
lost to additional IX by ATV	3743	327.0
lost to ATV IX only	4240	391.6
lost to all IX	4870	508.7

Potential Interfering Stations Included in above Scenario 4

19N MS BILOXI	BLET	20001011ABM	LIC
19N TX NACOGDOCHES	BPCT	20020509AAK	CP
18A MS BUDE	BPEDT	20000501AHS	CP
20A MS JACKSON	DTVPLN	DTVP0405	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent Service lost without proposal:	0.3	to DTVPLN	DTVP0355
*Percent Service lost with proposal:	0.3	to DTVPLN	DTVP0355

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Analysis of Interference to Affected Station 12

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	WMAHTV	BILOXI MS	DTVPLN	-NPLN1049

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN	-DTVP0170
16	WMAH-DT	BILOXI MS	0.0	PLN	DTVPLN	-DTVP0227
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN	-DTVP0255
18	WMAU-DT	BUDE MS	185.1	PLN	DTVPLN	-DTVP0313
19	WIIQ-DT	DEMOPOLIS AL	206.3	PLN	DTVPLN	-DTVP0336
19	WMBB-DT	PANAMA CITY FL	343.2	PLN	DTVPLN	-DTVP0346
19	KLTM-DT	MONROE LA	336.7	PLN	DTVPLN	-DTVP0355
20	WMPV-DT	MOBILE AL	134.3	PLN	DTVPLN	-DTVP0386
20	WHNO	NEW ORLEANS LA	139.0	PLN	DTVPLN	-NPLN1082
21	WMPVTV	MOBILE AL	134.3	PLN	DTVPLN	-NPLN1098
22	WHLT	HATTIESBURG MS	77.6	PLN	DTVPLN	-NPLN1147
26	WGNO	NEW ORLEANS LA	129.0	PLN	DTVPLN	-NPLN1277
27	WKRQ-DT	MOBILE AL	106.8	PLN	DTVPLN	-DTVP0660

33	WHBR	PENSACOLA FL	124.9	PLN	DTVPLN	-NPLN1446
34	WHBR-DT	PENSACOLA FL	124.9	PLN	DTVPLN	-DTVP0932

Results for: 19N MS BILOXI	DTVPLN	NPLN1049	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	675704	21497.5	
not affected by terrain losses	674926	21413.6	
lost to NTSC IX	27069	395.4	
lost to additional IX by ATV	1276	211.7	
lost to all IX	28345	607.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WMAH-TV	BILOXI MS	BLET	-20001011ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WGNO-DT	NEW ORLEANS LA	129.0	CP	BPCDT	-19990901AAE
15	WGNO-DT	NEW ORLEANS LA	129.0	PLN	DTVPLN	-DTVP0170
16	WMAH-DT	BILOXI MS	0.0	CP MOD	BMPEDT	-20021209AAM
16	WMAH-DT	BILOXI MS	0.1	PLN	DTVPLN	-DTVP0227
17	WEAR-DT	PENSACOLA FL	125.3	CP	BPCDT	-19991028AEX
17	WEAR-DT	PENSACOLA FL	127.0	PLN	DTVPLN	-DTVP0255
18	WMAU-DT	BUDE MS	185.1	PLN	DTVPLN	-DTVP0313
18	WMAU-DT	BUDE MS	185.1	CP	BPEDT	-20000501AHS
19	WIIQ-DT	DEMOPOLIS AL	206.2	PLN	DTVPLN	-DTVP0336
19	WMBB-DT	PANAMA CITY FL	343.2	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	343.1	CP	BPCDT	-19991026ABS
19	KLTM-DT	MONROE LA	357.8	CP	BPEDT	-20000421AAI
19	KLTM-DT	MONROE LA	336.6	PLN	DTVPLN	-DTVP0355
20	WMPV-DT	MOBILE AL	134.3	PLN	DTVPLN	-DTVP0386
20	WMPV-DT	MOBILE AL	134.3	CP	BPCDT	-19991101AHY
20	WHNO	NEW ORLEANS LA	139.1	CP MOD	BMPCT	-19960702KE
21	WMPV-TV	MOBILE AL	134.3	CP	BPCT	-20010905AAD
21	WHNO	NEW ORLEANS LA	139.1	CP MOD	BMPCDT	-20011213AAC
21	WHNO-TV	NEW ORLEANS LA	139.1	GRANT	BPRM	-20000803AAF
22	WHLT	HATTIESBURG MS	77.4	LIC	BLCT	-19870624KF
26	WGNO	NEW ORLEANS LA	129.0	CP	BPCT	-20021007AAR
27	WKRQ-DT	MOBILE AL	106.8	PLN	DTVPLN	-DTVP0660
33	WHBR	PENSACOLA FL	124.9	LIC	BLCT	-20001027ABJ
34	WHBR-DT	PENSACOLA FL	124.9	PLN	DTVPLN	-DTVP0932
34	WHBR	PENSACOLA FL	124.9	CP	BPCDT	-19991028AFO
34	960920LS	MAGEE MS	147.3	APP	BPCT	-19960920LS
34	NEW	MAGEE MS	162.2	APP	BNPCT	-20020320ACK
19	WIIQ-DT	Demopolis AL	205.8	APP	CUR	-PROPOSED

Total scenarios = 12

Result key: 38
Scenario 1 Affected station 12
Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	

not affected by terrain losses	668913	21257.6
lost to NTSC IX	26028	467.2
lost to additional IX by ATV	5486	191.7
lost to all IX	31514	658.9

Potential Interferring Stations Included in above Scenario 1

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14885	535.1	
lost to all IX	40913	1002.4	

Potential Interferring Stations Included in above Scenario 1

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL Demopolis	CUR	PROPOSED	APP

*Percent new DTV interference without proposal:	0.8	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

Result key: 39
 Scenario 2 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	5763	195.7	
lost to all IX	31791	662.9	

Potential Interferring Stations Included in above Scenario 2

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN

20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14885	535.1	
lost to all IX	40913	1002.4	

Potential Interfering Stations Included in above Scenario 2

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.9	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

Result key: 40
Scenario 3 Affected station 12
Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	5494	195.7	
lost to all IX	31522	662.9	

Potential Interfering Stations Included in above Scenario 3

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14893	543.1	
lost to all IX	40921	1010.4	

Potential Interfering Stations Included in above Scenario 3

20N LA NEW ORLEANS	BMPCT	19960702KE	CP		
22N MS HATTIESBURG	BLCT	19870624KF	LIC		
33N FL PENSACOLA	BLCT	20001027ABJ	LIC		
19A FL PANAMA CITY	BPCDT	19991026ABS	CP		
19A LA MONROE	DTVPLN	DTVP0355	PLN		
20A AL MOBILE	DTVPLN	DTVP0386	PLN		
19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:				0.8	BLET 20001011ABM
*Percent new DTV interference with proposal:				2.2	BLET 20001011ABM

Result key: 41
 Scenario 4 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	5771	199.7	
lost to all IX	31799	666.9	

Potential Interfering Stations Included in above Scenario 4

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14893	543.1	
lost to all IX	40921	1010.4	

Potential Interfering Stations Included in above Scenario 4

20N LA NEW ORLEANS	BMPCT	19960702KE	CP		
22N MS HATTIESBURG	BLCT	19870624KF	LIC		
33N FL PENSACOLA	BLCT	20001027ABJ	LIC		
19A FL PANAMA CITY	BPCDT	19991026ABS	CP		
19A LA MONROE	DTVPLN	DTVP0355	PLN		
20A AL MOBILE	BPCDT	19991101AHY	CP		
19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:				0.9	BLET 20001011ABM
*Percent new DTV interference with proposal:				2.2	BLET 20001011ABM

Result key: 42
 Scenario 5 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	5486	191.7	
lost to all IX	31514	658.9	

Potential Interfering Stations Included in above Scenario 5

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14885	535.1	
lost to all IX	40913	1002.4	

Potential Interfering Stations Included in above Scenario 5

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.8	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

Result key: 43
 Scenario 6 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	

lost to NTSC IX	26028	467.2
lost to additional IX by ATV	5763	195.7
lost to all IX	31791	662.9

Potential Interferring Stations Included in above Scenario 6

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14885	535.1	
lost to all IX	40913	1002.4	

Potential Interferring Stations Included in above Scenario 6

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.9	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

Result key: 44
Scenario 7 Affected station 12
Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	5494	195.7	
lost to all IX	31522	662.9	

Potential Interferring Stations Included in above Scenario 7

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP

19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	14893	543.1	
lost to all IX	40921	1010.4	

Potential Interferring Stations Included in above Scenario 7

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.8	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

Result key: 45
 Scenario 8 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26028	467.2	
lost to additional IX by ATV	5771	199.7	
lost to all IX	31799	666.9	

Potential Interferring Stations Included in above Scenario 8

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	

not affected by terrain losses	668913	21257.6
lost to NTSC IX	26028	467.2
lost to additional IX by ATV	14893	543.1
lost to all IX	40921	1010.4

Potential Interferring Stations Included in above Scenario 8

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BPCT	19960920LS	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:			0.9 BLET 20001011ABM
*Percent new DTV interference with proposal:			2.2 BLET 20001011ABM

Result key: 46
 Scenario 9 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	5486	191.7	
lost to all IX	31542	670.9	

Potential Interferring Stations Included in above Scenario 9

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	14857	523.2	
lost to all IX	40913	1002.4	

Potential Interferring Stations Included in above Scenario 9

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC

34N MS MAGEE	BNPCT	20020320ACK	APP		
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN		
19A LA MONROE	DTVPLN	DTVP0355	PLN		
20A AL MOBILE	DTVPLN	DTVP0386	PLN		
19A AL Demopolis	CUR	PROPOSED	APP		
*Percent new DTV interference without proposal:				0.8	BLET 20001011ABM
*Percent new DTV interference with proposal:				2.2	BLET 20001011ABM

Result key: 47
 Scenario 10 Affected station 12
 Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	5763	195.7	
lost to all IX	31819	674.9	

Potential Interfering Stations Included in above Scenario 10

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	14857	523.2	
lost to all IX	40913	1002.4	

Potential Interfering Stations Included in above Scenario 10

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal: 0.9 BLET 20001011ABM			
*Percent new DTV interference with proposal: 2.2 BLET 20001011ABM			

Result key: 48

Scenario 11 Affected station 12
Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	5494	195.7	
lost to all IX	31550	674.9	

Potential Interferring Stations Included in above Scenario 11

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	14865	531.1	
lost to all IX	40921	1010.4	

Potential Interferring Stations Included in above Scenario 11

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	DTVPLN	DTVP0386	PLN
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.8	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

Result key: 49
Scenario 12 Affected station 12
Before Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	5771	199.7	
lost to all IX	31827	678.9	

Potential Interfering Stations Included in above Scenario 12

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL DEMOPOLIS	DTVPLN	DTVP0336	PLN

After Analysis

Results for: 19N MS BILOXI	BLET	20001011ABM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	669388	21337.5	
not affected by terrain losses	668913	21257.6	
lost to NTSC IX	26056	479.2	
lost to additional IX by ATV	14865	531.1	
lost to all IX	40921	1010.4	

Potential Interfering Stations Included in above Scenario 12

20N LA NEW ORLEANS	BMPCT	19960702KE	CP
22N MS HATTIESBURG	BLCT	19870624KF	LIC
33N FL PENSACOLA	BLCT	20001027ABJ	LIC
34N MS MAGEE	BNPCT	20020320ACK	APP
19A FL PANAMA CITY	BPCDT	19991026ABS	CP
19A LA MONROE	DTVPLN	DTVP0355	PLN
20A AL MOBILE	BPCDT	19991101AHY	CP
19A AL Demopolis	CUR	PROPOSED	APP
*Percent new DTV interference without proposal:	0.9	BLET	20001011ABM
*Percent new DTV interference with proposal:	2.2	BLET	20001011ABM

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Analysis of Interference to Affected Station 13

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
20	WMPV-DT	MOBILE AL	DTVPLN -DTVP0386

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	199.9	PLN	DTVPLN -DTVP0336
19	WMBB-DT	PANAMA CITY FL	208.9	PLN	DTVPLN -DTVP0346
19	WMAHTV	BILOXI MS	134.3	PLN	DTVPLN -NPLN1049
20	WCOVTV	MONTGOMERY AL	228.3	PLN	DTVPLN -NPLN1064
20	WABW-DT	PELHAM GA	334.7	PLN	DTVPLN -DTVP0394
20	WHNO	NEW ORLEANS LA	248.5	PLN	DTVPLN -NPLN1082
20	WMPN-DT	JACKSON MS	323.3	PLN	DTVPLN -DTVP0405
21	WDHN-DT	DOTHAN AL	225.7	PLN	DTVPLN -DTVP0426

21	WMPVTV	MOBILE AL	0.0	PLN	DTVPLN	-NPLN1098
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Results for: 20A AL MOBILE DTVPLN DTVP0386 PLN
 HAAT 436.0 m, ATV ERP 199.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	950420	21929.9
not affected by terrain losses	950420	21909.9
lost to NTSC IX	191	44.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	10	8.0
lost to all IX	191	44.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
21	WMPVTV	MOBILE AL	DTVPLN -NPLN1098

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WEAR-DT	PENSACOLA FL	8.0	PLN	DTVPLN -DTVP0255
19	WMAHTV	BILOXI MS	134.3	PLN	DTVPLN -NPLN1049
20	WMPV-DT	MOBILE AL	0.0	PLN	DTVPLN -DTVP0386
21	WDHN-DT	DOTHAN AL	225.7	PLN	DTVPLN -DTVP0426
21	WTTO	HOMWOOD AL	329.5	PLN	DTVPLN -NPLN1097
21	WAPT-DT	JACKSON MS	320.6	PLN	DTVPLN -DTVP0445
22	WHLT	HATTIESBURG MS	184.2	PLN	DTVPLN -NPLN1147
23	WSRE	PENSACOLA FL	34.6	PLN	DTVPLN -NPLN1169
25	WFGX-DT	FORT WALTON BEACH FL	92.9	PLN	DTVPLN -DTVP0596
28	WPGX	PANAMA CITY FL	194.7	PLN	DTVPLN -NPLN1327
35	WFGX	FORT WALTON BEACH FL	92.9	PLN	DTVPLN -NPLN1491

Results for: 21N AL MOBILE DTVPLN NPLN1098 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	950359	21905.9
not affected by terrain losses	950129	21842.0
lost to NTSC IX	68450	483.9
lost to additional IX by ATV	566	60.0
lost to all IX	69016	543.8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WMPV-DT	MOBILE AL	DTVPLN -DTVP0386

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	199.9	PLN	DTVPLN -DTVP0336
19	WMBB-DT	PANAMA CITY FL	208.9	PLN	DTVPLN -DTVP0346
19	WMBB-DT	PANAMA CITY FL	208.9	CP	BPCDT -19991026ABS
19	WMAH-TV	BILOXI MS	134.3	LIC	BLET -20001011ABM
20	WCOV-TV	MONTGOMERY AL	203.0	CP	BPCT -19960726KH
20	WABW-DT	PELHAM GA	334.7	PLN	DTVPLN -DTVP0394
20	WHNO	NEW ORLEANS LA	248.5	CP MOD	BMPCT -19960702KE
20	WMPN-DT	JACKSON MS	324.0	CP	BPEDT -20000113AAH
20	WMPN-DT	JACKSON MS	323.3	PLN	DTVPLN -DTVP0405
21	WDHN-DT	DOTHAN AL	225.7	PLN	DTVPLN -DTVP0426
21	WMPV-TV	MOBILE AL	0.0	CP	BPCT -20010905AAD

19 WIIQ-DT Demopolis AL 199.4 APP CUR -PROPOSED

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WMPV-DT	MOBILE AL	DTVPLN	-DTVP0386

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	199.9	PLN	DTVPLN	-DTVP0336
19	WMBB-DT	PANAMA CITY FL	208.9	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	208.9	CP	BPCDT	-19991026ABS
19	WMAH-TV	BILOXI MS	134.3	LIC	BLET	-20001011ABM
20	WCOV-TV	MONTGOMERY AL	203.0	CP	BPCT	-19960726KH
20	WABW-DT	PELHAM GA	334.7	PLN	DTVPLN	-DTVP0394
20	WHNO	NEW ORLEANS LA	248.5	CP MOD	BMPCT	-19960702KE
20	WMPN-DT	JACKSON MS	324.0	CP	BPEDT	-20000113AAH
20	WMPN-DT	JACKSON MS	323.3	PLN	DTVPLN	-DTVP0405
21	WDHN-DT	DOTHAN AL	225.7	PLN	DTVPLN	-DTVP0426
21	WMPV-TV	MOBILE AL	0.0	CP	BPCT	-20010905AAD
19	WIIQ-DT	Demopolis AL	199.4	APP	CUR	-PROPOSED

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WMPV-DT	MOBILE AL	BPCDT	-19991101AHY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	199.9	PLN	DTVPLN	-DTVP0336
19	WMBB-DT	PANAMA CITY FL	208.9	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	208.9	CP	BPCDT	-19991026ABS
19	WMAH-TV	BILOXI MS	134.3	LIC	BLET	-20001011ABM
20	WCOV-TV	MONTGOMERY AL	203.0	CP	BPCT	-19960726KH
20	WABW-DT	PELHAM GA	334.7	PLN	DTVPLN	-DTVP0394
20	WHNO	NEW ORLEANS LA	248.5	CP MOD	BMPCT	-19960702KE
20	WMPN-DT	JACKSON MS	324.0	CP	BPEDT	-20000113AAH
20	WMPN-DT	JACKSON MS	323.3	PLN	DTVPLN	-DTVP0405
21	WDHN-DT	DOTHAN AL	225.7	PLN	DTVPLN	-DTVP0426

21	WMPV-TV	MOBILE AL	0.0	CP	BPCT	-20010905AAD
19	WIIQ-DT	Demopolis AL	199.4	APP	CUR	-PROPOSED

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
20	WCOVTV	MONTGOMERY AL	DTVPLN	-NPLN1064

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WCOV-DT	MONTGOMERY AL	0.0	PLN	DTVPLN	-DTVP0204
19	WIIQ-DT	DEMOPOLIS AL	148.4	PLN	DTVPLN	-DTVP0336
20	WYLE-DT	FLORENCE AL	285.2	PLN	DTVPLN	-DTVP0385
20	WMPV-DT	MOBILE AL	228.3	PLN	DTVPLN	-DTVP0386
20	WTBS-DT	ATLANTA GA	239.1	PLN	DTVPLN	-DTVP0393
20	WABW-DT	PELHAM GA	245.7	PLN	DTVPLN	-DTVP0394
20	WCESTV	WRENS GA	387.7	PLN	DTVPLN	-NPLN1074
20	WMPN-DT	JACKSON MS	385.0	PLN	DTVPLN	-DTVP0405
21	WDHN-DT	DOTHAN AL	152.5	PLN	DTVPLN	-DTVP0426
21	WTTO	HOMEWOOD AL	136.6	PLN	DTVPLN	-NPLN1097
22	NEW	TUSKEGEE AL	44.0	PLN	DTVPLN	-NPLN1132
24	NEW -DT	TUSKEGEE AL	44.0	PLN	DTVPLN	-DTVP0554
28	WTTO-DT	HOMEWOOD AL	136.6	PLN	DTVPLN	-DTVP0700
34	WDFXTV	OZARK AL	140.5	PLN	DTVPLN	-NPLN1466
35	WFGX	FORT WALTON BEACH FL	212.3	PLN	DTVPLN	-NPLN1491
35	WLTZ-DT	COLUMBUS GA	132.3	PLN	DTVPLN	-DTVP0971

Results for: 20N AL MONTGOMERY	DTVPLN	NPLN1064	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	369677	12762.6	
not affected by terrain losses	369142	12629.5	
lost to NTSC IX	4024	395.1	
lost to additional IX by ATV	560	68.5	
lost to all IX	4584	463.6	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WCOV-TV	MONTGOMERY AL	BPCT	-19960726KH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WCOV-DT	MONTGOMERY AL	0.0	CP	BPCDT	-19991021ACM
16	WCOV-DT	MONTGOMERY AL	41.8	PLN	DTVPLN	-DTVP0204
18	WDHN	DOTHAN AL	114.4	LIC	BLCT	-2038
19	WIIQ-DT	DEMOPOLIS AL	166.3	PLN	DTVPLN	-DTVP0336
19	WMBB-DT	PANAMA CITY FL	194.6	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	194.7	CP	BPCDT	-19991026ABS

20	WYLE	FLORENCE AL	329.2	CP	BPCDT	-19991101ALK
20	WYLE-DT	FLORENCE AL	326.1	PLN	DTVPLN	-DTVP0385
20	WMPV-DT	MOBILE AL	203.0	PLN	DTVPLN	-DTVP0386
20	WMPV-DT	MOBILE AL	203.0	CP	BPCDT	-19991101AHY
20	WTBS	ATLANTA GA	265.4	CP	BPCDT	-19991028AEK
20	WTBS-DT	ATLANTA GA	260.4	PLN	DTVPLN	-DTVP0393
20	WABW-DT	PELHAM GA	216.1	PLN	DTVPLN	-DTVP0394
20	WCES-TV	WRENS GA	390.0	LIC	BLET	-19880627KE
20	WMPN-DT	JACKSON MS	400.4	CP	BPEDT	-20000113AAH
20	WMPN-DT	JACKSON MS	398.2	PLN	DTVPLN	-DTVP0405
21	WDHN-DT	DOTHAN AL	114.4	PLN	DTVPLN	-DTVP0426
21	WTTO	HOMWOOD AL	178.3	CP	BPCT	-19950629KO
21	WMPV-TV	MOBILE AL	203.0	CP	BPCT	-20010905AAD
22	870602KG	TUSKEGEE AL	23.0	CP	BPCT	-19870602KG
24	NEW -DT	TUSKEGEE AL	22.1	PLN	DTVPLN	-DTVP0554
27	WAIQ-TV	MONTGOMERY AL	46.9	GRANT	BPRM	-20010427ABJ
27	WAIQ-DT	MONTGOMERY AL	46.9	APP	BMPEDT	-20021122AAW
34	WDFX-TV	OZARK AL	99.7	CP	BPCT	-19960726KG
35	WFGX	FORT WALTON BEACH FL	175.2	LIC	BLCT	-20030304AAC
35	WLTZ-DT	COLUMBUS GA	131.5	PLN	DTVPLN	-DTVP0971
35	WLTZ	COLUMBUS GA	131.5	CP MOD	BMPCDT	-20000501AFQ
19	WIIQ-DT	Demopolis AL	166.2	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WCOV-TV	MONTGOMERY AL	BLCT	-2256

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WCOV-DT	MONTGOMERY AL	41.8	CP	BPCDT	-19991021ACM
16	WCOV-DT	MONTGOMERY AL	0.0	PLN	DTVPLN	-DTVP0204
19	WIIQ-DT	DEMOPOLIS AL	148.4	PLN	DTVPLN	-DTVP0336
20	WYLE	FLORENCE AL	288.1	CP	BPCDT	-19991101ALK
20	WYLE-DT	FLORENCE AL	285.2	PLN	DTVPLN	-DTVP0385
20	WMPV-DT	MOBILE AL	228.3	PLN	DTVPLN	-DTVP0386
20	WMPV-DT	MOBILE AL	228.3	CP	BPCDT	-19991101AHY
20	WTBS	ATLANTA GA	244.3	CP	BPCDT	-19991028AEK
20	WTBS-DT	ATLANTA GA	239.1	PLN	DTVPLN	-DTVP0393
20	WABW-DT	PELHAM GA	245.7	PLN	DTVPLN	-DTVP0394
20	WCES-TV	WRENS GA	387.7	LIC	BLET	-19880627KE
20	WMPN-DT	JACKSON MS	387.4	CP	BPEDT	-20000113AAH
20	WMPN-DT	JACKSON MS	385.0	PLN	DTVPLN	-DTVP0405
21	WDHN-DT	DOTHAN AL	152.5	PLN	DTVPLN	-DTVP0426
21	WTTO	HOMWOOD AL	136.6	CP	BPCT	-19950629KO
22	870602KG	TUSKEGEE AL	43.8	CP	BPCT	-19870602KG
24	NEW -DT	TUSKEGEE AL	44.0	PLN	DTVPLN	-DTVP0554
27	WAIQ-TV	MONTGOMERY AL	5.2	GRANT	BPRM	-20010427ABJ
27	WAIQ-DT	MONTGOMERY AL	5.2	APP	BMPEDT	-20021122AAW
28	WTTO-DT	HOMWOOD AL	136.6	PLN	DTVPLN	-DTVP0700

28	WTTO-DT	HOMEWOOD AL	136.6	CP	BPCDT	-19991022ABR
34	WDFX-TV	OZARK AL	140.5	CP	BPCT	-19960726KG
35	WFGX	FORT WALTON BEACH FL	212.3	LIC	BLCT	-20030304AAC
35	WLTZ-DT	COLUMBUS GA	132.3	PLN	DTVPLN	-DTVP0971
35	WLTZ	COLUMBUS GA	132.3	CP MOD	BMPCDT	-20000501AFQ
19	WIIQ-DT	Demopolis AL	148.4	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 18

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
23	NEW	TUSCALOOSA AL	DTVPLN	-NPLN1164

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	82.0	PLN	DTVPLN	-DTVP0336
21	WTTO	HOMEWOOD AL	83.9	PLN	DTVPLN	-NPLN1097
22	WFIQ-DT	FLORENCE AL	170.7	PLN	DTVPLN	-DTVP0468
22	NEW	TUSKEGEE AL	186.1	PLN	DTVPLN	-NPLN1132
23	WSRE	PENSACOLA FL	291.7	PLN	DTVPLN	-NPLN1169
23	WJSP-DT	COLUMBUS GA	266.6	PLN	DTVPLN	-DTVP0518
23	WELF	DALTON GA	290.4	PLN	DTVPLN	-NPLN1170
23	WMAOTV	GREENWOOD MS	280.6	PLN	DTVPLN	-NPLN1180
23	WNAB-DT	NASHVILLE TN	327.9	PLN	DTVPLN	-DTVP0543
24	NEW -DT	TUSKEGEE AL	186.1	PLN	DTVPLN	-DTVP0554
24	WMDN	MERIDIAN MS	135.1	PLN	DTVPLN	-NPLN1215
26	WTJP-DT	GADSDEN AL	132.5	PLN	DTVPLN	-DTVP0628
26	WAIQ	MONTGOMERY AL	139.4	PLN	DTVPLN	-NPLN1264
26	WMDN-DT	MERIDIAN MS	135.1	PLN	DTVPLN	-DTVP0643
30	WBMG-DT	BIRMINGHAM AL	84.0	PLN	DTVPLN	-DTVP0774
30	WGBC	MERIDIAN MS	133.7	PLN	DTVPLN	-NPLN1383
31	WGBC-DT	MERIDIAN MS	133.7	PLN	DTVPLN	-DTVP0830

Results for: 23N AL TUSCALOOSA DTVPLN NPLN1164 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	324134	14710.7
not affected by terrain losses	318521	14475.0
lost to NTSC IX	64494	547.5
lost to additional IX by ATV	300	59.9
lost to all IX	64794	607.5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WLDM	TUSCALOOSA AL	BLCT	-20011109ACV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	82.0	PLN	DTVPLN	-DTVP0336
21	WTTO	HOMEWOOD AL	83.9	CP	BPCT	-19950629KO
22	WFIQ	FLORENCE AL	170.8	CP MOD	BMPEDT	-20000501AIS

22	WFIQ-DT	FLORENCE AL	170.7	PLN	DTVPLN	-DTVP0468
22	870602KG	TUSKEGEE AL	186.0	CP	BPCT	-19870602KG
23	WSRE	PENSACOLA FL	291.7	LIC	BLET	-19850315KM
23	WJSP-DT	COLUMBUS GA	266.6	CP	BPEDT	-20000501AFY
23	WJSP-DT	COLUMBUS GA	266.6	PLN	DTVPLN	-DTVP0518
23	WELF	DALTON GA	290.4	LIC	BLCT	-19940516KE
23	WMAO-TV	GREENWOOD MS	280.6	LIC	BLET	-314
23	WNAB-DT	NASHVILLE TN	363.4	CP	BPCDT	-19991014ABF
23	WNAB-DT	NASHVILLE TN	327.9	PLN	DTVPLN	-DTVP0543
24	NEW -DT	TUSKEGEE AL	186.1	PLN	DTVPLN	-DTVP0554
24	WMDN	MERIDIAN MS	135.1	CP	BPCT	-19920325KI
26	WTJP	GADSDEN AL	132.5	APP	BPCT	-20020703AAK
26	WTJP-DT	GADSDEN AL	132.5	PLN	DTVPLN	-DTVP0628
26	WTJP-DT	GADSDEN AL	132.5	CP	BPCDT	-19991101AHS
26	WAIQ	MONTGOMERY AL	139.3	CP	BPET	-20000627AHA
26	WMDN-DT	MERIDIAN MS	134.0	CP	BPCDT	-19990820KE
26	WMDN-DT	MERIDIAN MS	135.1	PLN	DTVPLN	-DTVP0643
27	WAIQ-TV	MONTGOMERY AL	139.3	GRANT	BPRM	-20010427ABJ
27	WAIQ-DT	MONTGOMERY AL	139.3	APP	BMPEDT	-20021122AAW
30	WIAT-DT	BIRMINGHAM AL	83.9	LIC	BLCDT	-20021219AAV
30	WBMG-DT	BIRMINGHAM AL	84.0	PLN	DTVPLN	-DTVP0774
30	WGBC	MERIDIAN MS	133.7	LIC	BLCT	-19910923KF
31	WGBC-DT	MERIDIAN MS	134.0	CP	BPCDT	-19990921AAN
31	WGBC-DT	MERIDIAN MS	133.7	PLN	DTVPLN	-DTVP0830
19	WIIQ-DT	Demopolis AL	82.5	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WLDM	TUSCALOOSA AL	BMPCT	-20000307AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WIIQ-DT	DEMOPOLIS AL	82.0	PLN	DTVPLN	-DTVP0336
21	WTOO	HOMEWOOD AL	83.9	CP	BPCT	-19950629KO
22	WFIQ	FLORENCE AL	170.8	CP MOD	BMPEDT	-20000501AIS
22	WFIQ-DT	FLORENCE AL	170.7	PLN	DTVPLN	-DTVP0468
22	870602KG	TUSKEGEE AL	186.0	CP	BPCT	-19870602KG
23	WSRE	PENSACOLA FL	291.7	LIC	BLET	-19850315KM
23	WJSP-DT	COLUMBUS GA	266.6	CP	BPEDT	-20000501AFY
23	WJSP-DT	COLUMBUS GA	266.6	PLN	DTVPLN	-DTVP0518
23	WELF	DALTON GA	290.4	LIC	BLCT	-19940516KE
23	WMAO-TV	GREENWOOD MS	280.6	LIC	BLET	-314
23	WNAB-DT	NASHVILLE TN	363.4	CP	BPCDT	-19991014ABF
23	WNAB-DT	NASHVILLE TN	327.9	PLN	DTVPLN	-DTVP0543
24	NEW -DT	TUSKEGEE AL	186.1	PLN	DTVPLN	-DTVP0554
24	WMDN	MERIDIAN MS	135.1	CP	BPCT	-19920325KI
26	WTJP	GADSDEN AL	132.5	APP	BPCT	-20020703AAK
26	WTJP-DT	GADSDEN AL	132.5	PLN	DTVPLN	-DTVP0628
26	WTJP-DT	GADSDEN AL	132.5	CP	BPCDT	-19991101AHS

26	WAIQ	MONTGOMERY AL	139.3	CP	BPET	-20000627AHA
26	WMDN-DT	MERIDIAN MS	134.0	CP	BPCDT	-19990820KE
26	WMDN-DT	MERIDIAN MS	135.1	PLN	DTVPLN	-DTVP0643
27	WAIQ-TV	MONTGOMERY AL	139.3	GRANT	BPRM	-20010427ABJ
27	WAIQ-DT	MONTGOMERY AL	139.3	APP	BMPEDT	-20021122AAW
30	WIAT-DT	BIRMINGHAM AL	83.9	LIC	BLCDT	-20021219AAV
30	WBMG-DT	BIRMINGHAM AL	84.0	PLN	DTVPLN	-DTVP0774
30	WGBC	MERIDIAN MS	133.7	LIC	BLCT	-19910923KF
31	WGBC-DT	MERIDIAN MS	134.0	CP	BPCDT	-19990921AAN
31	WGBC-DT	MERIDIAN MS	133.7	PLN	DTVPLN	-DTVP0830
19	WIIQ-DT	Demopolis AL	82.5	APP	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WIIQ-DT	Demopolis AL	CUR	-PROPOSED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDBB-DT	BESSEMER AL	131.7	CP	BPCDT	-19991101AEA
18	WDBB-DT	BESSEMER AL	131.7	PLN	DTVPLN	-DTVP0291
19	WHNT-TV	HUNTSVILLE AL	291.6	LIC	BLCT	-20011116ABY
19	WMBB-DT	PANAMA CITY FL	324.3	PLN	DTVPLN	-DTVP0346
19	WMBB-DT	PANAMA CITY FL	324.3	CP	BPCDT	-19991026ABS
19	WGNX-DT	ATLANTA GA	365.6	PLN	DTVPLN	-DTVP0347
19	KLTM-DT	MONROE LA	397.6	CP	BPEDT	-20000421AAI
19	KLTM-DT	MONROE LA	395.2	PLN	DTVPLN	-DTVP0355
19	WMAH-TV	BILOXI MS	205.8	LIC	BLET	-20001011ABM
20	WMPV-DT	MOBILE AL	199.4	PLN	DTVPLN	-DTVP0386
20	WMPV-DT	MOBILE AL	199.4	CP	BPCDT	-19991101AHY
20	WCOV-TV	MONTGOMERY AL	166.2	CP	BPCT	-19960726KH

Total scenarios = 4

Result key: 50
Scenario 1 Affected station 20
Before Analysis

Results for: 19A AL Demopolis	CUR	PROPOSED	APP
HAAT 324.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	340333	26974.9	
not affected by terrain losses	338129	26648.5	
lost to NTSC IX	8872	588.4	
lost to additional IX by ATV	18885	314.4	
lost to ATV IX only	20408	395.0	
lost to all IX	27757	902.8	

Potential Interferring Stations Included in above Scenario 1

19N AL HUNTSVILLE	BLCT	20011116ABY	LIC	
19N MS BILOXI	BLET	20001011ABM	LIC	
18A AL BESSEMER	BPCDT	19991101AEA	CP	
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN	
*Percent Service lost without proposal:			0.0	to CUR PROPOSED
*Percent Service lost with proposal:			0.0	to CUR PROPOSED

Result key: 51
Scenario 2 Affected station 20
Before Analysis

Results for: 19A AL Demopolis	CUR	PROPOSED	APP
HAAT 324.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	340333	26974.9	
not affected by terrain losses	338129	26648.5	
lost to NTSC IX	8872	588.4	
lost to additional IX by ATV	18885	354.7	
lost to ATV IX only	22568	459.5	
lost to all IX	27757	943.1	

Potential Interferring Stations Included in above Scenario 2

19N AL HUNTSVILLE	BLCT	20011116ABY	LIC	
19N MS BILOXI	BLET	20001011ABM	LIC	
18A AL BESSEMER	BPCDT	19991101AEA	CP	
19A FL PANAMA CITY	BPCDT	19991026ABS	CP	
*Percent Service lost without proposal:			0.0	to CUR PROPOSED
*Percent Service lost with proposal:			0.0	to CUR PROPOSED

Result key: 52
Scenario 3 Affected station 20
Before Analysis

Results for: 19A AL Demopolis	CUR	PROPOSED	APP
HAAT 324.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	340333	26974.9	
not affected by terrain losses	338129	26648.5	
lost to NTSC IX	8872	588.4	
lost to additional IX by ATV	18319	407.1	
lost to ATV IX only	19842	487.7	
lost to all IX	27191	995.5	

Potential Interferring Stations Included in above Scenario 3

19N AL HUNTSVILLE	BLCT	20011116ABY	LIC	
19N MS BILOXI	BLET	20001011ABM	LIC	
18A AL BESSEMER	DTVPLN	DTVP0291	PLN	
19A FL PANAMA CITY	DTVPLN	DTVP0346	PLN	
*Percent Service lost without proposal:			0.0	to CUR PROPOSED
*Percent Service lost with proposal:			0.0	to CUR PROPOSED

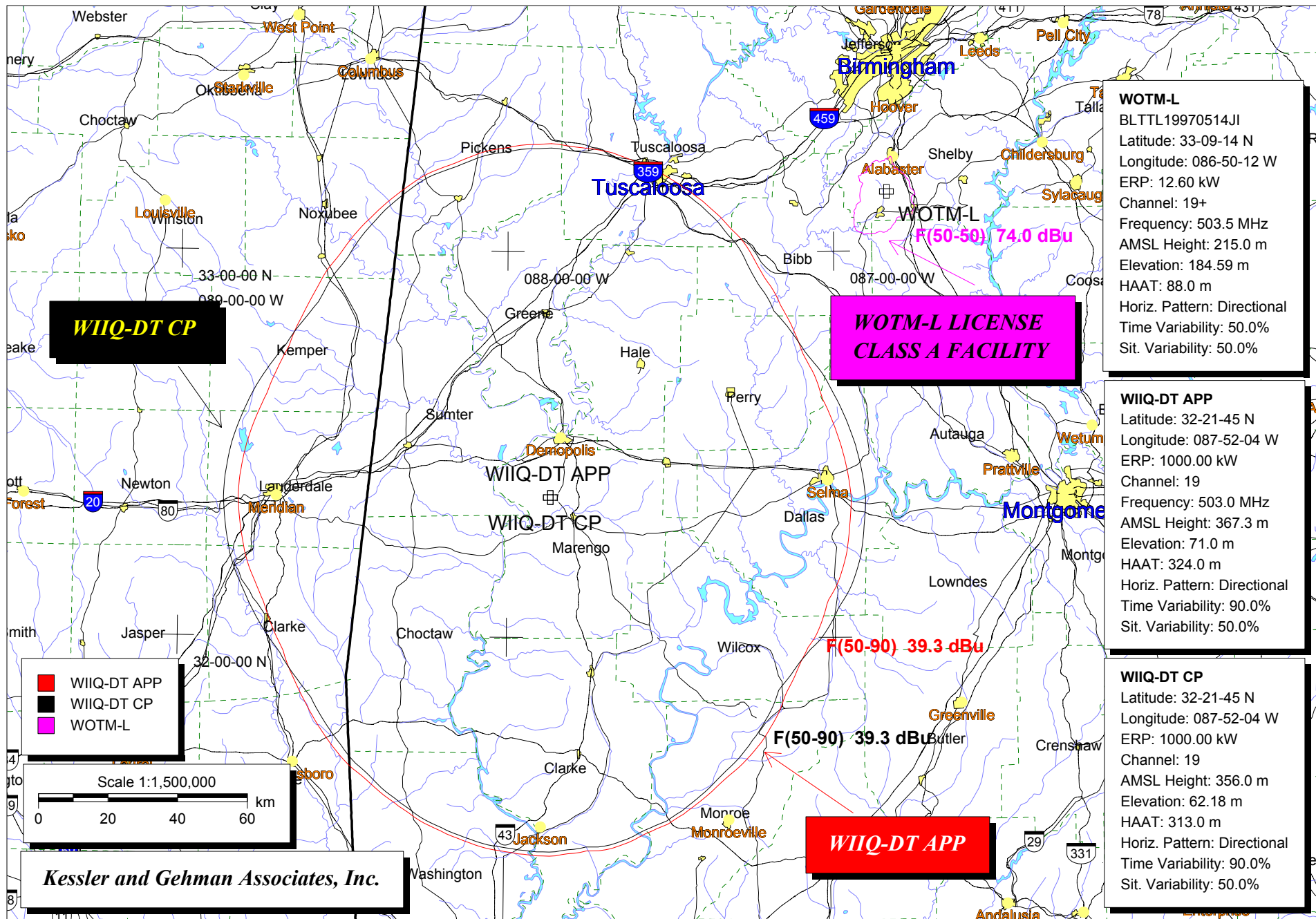
Result key: 53
 Scenario 4 Affected station 20
 Before Analysis

Results for: 19A AL Demopolis	CUR	PROPOSED	APP
HAAT 324.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	340333	26974.9	
not affected by terrain losses	338129	26648.5	
lost to NTSC IX	8872	588.4	
lost to additional IX by ATV	18319	447.4	
lost to ATV IX only	22002	552.2	
lost to all IX	27191	1035.8	

Potential Interferring Stations Included in above Scenario 4

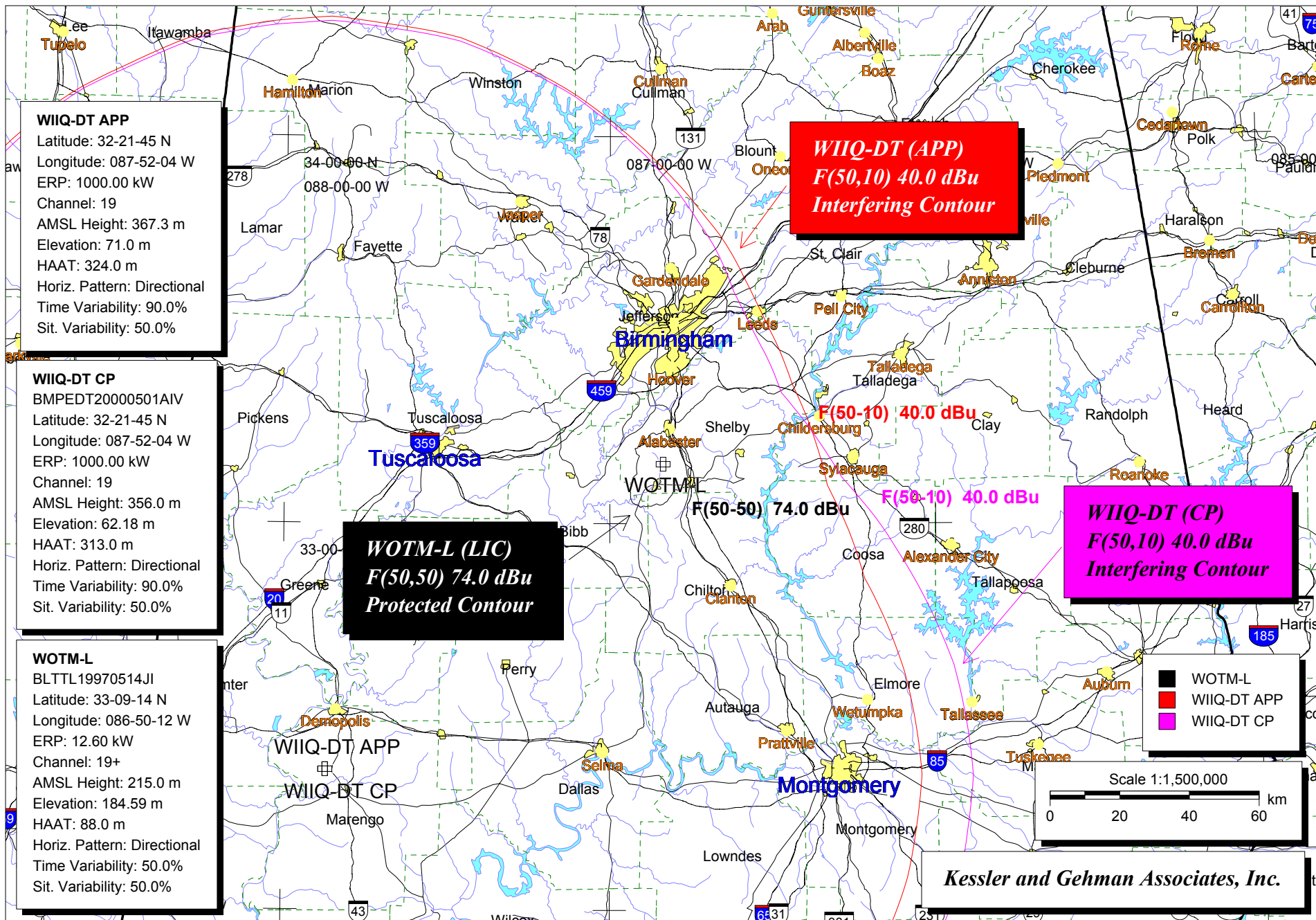
19N AL HUNTSVILLE	BLCT	20011116ABY	LIC	
19N MS BILOXI	BLET	20001011ABM	LIC	
18A AL BESSEMER	DTVPLN	DTVP0291	PLN	
19A FL PANAMA CITY	BPCDT	19991026ABS	CP	
*Percent Service lost without proposal:	0.0	to CUR	PROPOSED	
*Percent Service lost with proposal:	0.0	to CUR	PROPOSED	

 FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED



WOTM-L PROTECTED CONTOUR vs. WIIQ-DT (CP) & WIIQ-DT (PROPOSED) NOISE LIMITED CONTOURS

EXHIBIT 17



WOTM-L PROTECTED CONTOUR AND WIIQ-DT CP & APP INTERFERING CONTOURS

EXHIBIT 18

Class A Interference Study Population Report

WOTM-L (19+) Montevallo, AL - BLTTTL19970514JI
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: 7/22/2003
TV Database Date: 07-22-03

Population Database: 1990 US Census

Percentages calculated using a baseline population of 19,181.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WIIQ-DT CP (19)	36	99	0.516	8.18

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WIIQ-DT CP (19)	99	0.516	99	0.516

Stations considered which do not cause interference:

WAIQ (26+)
WCFTTV (33Z)
WCOVTV (20Z)
WGCL-D (19)
WHNTTV (19Z)
WTTT (21-)

Call Letters	City	State	Dist	Bear
WAIQ (26+)	Montgomery	AL	99.8	149.1
WCFTTV (33Z)	Tuscaloosa	AL	66.1	303.3
WCOVTV (20Z)	Montgomery	AL	104.4	150.3
WGCL-D (19)	Atlanta	GA	243.0	72.0
WHNTTV (19Z)	Huntsville	AL	178.0	9.0
WTTT (21-)	Homewood	AL	36.8	4.3
WIIQ-DT CP (19)	Demopolis	AL	130.5	228.0

Totals for WOTM-L (19+)

Calculation Area Population:	18,684	(	282.1 sq. km)
Not Affected by Terrain Loss:	18,220	(	278.0 sq. km)
Total NTSC Interference:	0	(	0.0 sq. km)

DTV Only Interference:	99	(	8.2 sq. km)
Total DTV Interference:	99	(	8.2 sq. km)
Interfered Population:	99	(	8.2 sq. km)
Interference Free:	18,121	(	269.8 sq. km)
Percent Interference:	0.52		
Terrain Blocked Population:	464	(	4.1 sq. km)
Contour Area Population:	19,181		

Class A Interference Study Population Report

WOTM-L (19+) Montevallo, AL - BLTTL19970514JI
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
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Using NTSC lptv/translators D/U rules.
Threshold for reception: 74.0

Study Date: 7/22/2003
TV Database Date: 07-22-03

Population Database: 1990 US Census

Percentages calculated using a baseline population of 19,181.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WIIQ-DT APP (19)	36	99	0.516	8.18

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WIIQ-DT APP (19)	99	0.516	99	0.516

Stations considered which do not cause interference:

WAIQ (26+)
WCFTTV (33Z)
WCOVTV (20Z)
WGCL-D (19)
WHNTTV (19Z)
WTTT (21-)

Call Letters	City	State	Dist	Bear
WAIQ (26+)	Montgomery	AL	99.8	149.1
WCFTTV (33Z)	Tuscaloosa	AL	66.1	303.3
WCOVTV (20Z)	Montgomery	AL	104.4	150.3
WGCL-D (19)	Atlanta	GA	243.0	72.0
WHNTTV (19Z)	Huntsville	AL	178.0	9.0
WTTT (21-)	Homewood	AL	36.8	4.3
WIIQ-DT APP (19)	Demopolis	AL	130.5	228.0

Totals for WOTM-L (19+)

Calculation Area Population:	18,684	(	282.1 sq. km)
Not Affected by Terrain Loss:	18,220	(	278.0 sq. km)

Total NTSC Interference:	0	(	0.0 sq. km)
DTV Only Interference:	99	(	8.2 sq. km)
Total DTV Interference:	99	(	8.2 sq. km)
Interfered Population:	99	(8.2 sq. km)
Interference Free:	18,121	(269.8 sq. km)

Percent Interference:	0.52
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Terrain Blocked Population:	464	(4.1 sq. km)
Contour Area Population:	19,181		