TECHNICAL EXHIBIT
APPLICATION FOR DTV CONSTRUCTION PERMIT
IN SUPPORT OF ITS POST-TRANSITION FACILITY
STATION KAIT-DT (FACILITY ID 13988)
JONESBORO, ARKANSAS

MAY 9, 2008

CH 8 21.7 KW 531 M

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Table of Contents

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Technical Narrative {Up To 5-Mile Waiver Request}

This Technical Exhibit supports an application for digital television (DTV) station KAIT-DT for its post-transition DTV operation at Jonesboro, Arkansas. This application requests a construction permit (CP) for a digital television operation on channel 8 using its existing, dual-channel (analog & digital), licensed, non-directional antenna.

Proposed Facilities

Station KAIT-DT proposes to operate DTV channel 8, with a non-directional antenna effective radiated power (ERP) of 21.7 kilowatts and antenna height above average terrain (HAAT) of 531 meters. The transmitter site coordinates are:

35° 53’ 22” North Latitude
90° 56’ 08” West Longitude

A sketch of antenna and pertinent elevations are included as Figure 1. The antenna structure registration number is 1064518. Figure 2 depicts the proposed antenna elevation pattern.

Figure 3 is a map showing the DTV predicted coverage contours as well as the associated analog Grade B and Appendix B allotment coverage contours. For each noise-limited contour, 360-radials and a 3-second digitized terrain database were employed. A 5-

mile buffer has been added to the Appendix B allotment coverage contour. The predicted 21.7 kW, 36 dBu contour will not extend more than 1 mile beyond the Appendix B contour at any location. The calculated ERP level of 21.7 kW was determined to be the minimum needed in order to recover analog service in all azimuthal directions, based on use of the existing non-directional antenna pattern.

The proposed 43 dBu contour will encompass all of Jonesboro. The Jonesboro city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Population Served

The herein proposed KAIT-DT facility is predicted to serve 749,634 persons, post-transition, based upon the 2000 Census. KAIT-DT's associated Appendix B facility is predicted to serve 689,711 persons. Therefore, the herein proposed KAIT-DT facility would serve more than 100% of KAIT-DT's Appendix B population.

Allocation Considerations

Since the proposed KAIT-DT ERP exceeds the Commission's *Appendix B* allocated maximum effective radiated power in some azimuthal directions[1], a waiver of the current freeze on filing DTV maximization applications is hereby requested. The proposed facilities would (1) create a contour that does not extend more than 5 miles in any direction beyond the Appendix B contour and (2) not create more than 0.5% new interference to any other station.

[1] See Seventh Report And Order And Eighth Further Notice Of Proposed Rule Making in the Matter of Advanced Television Systems and their Impact Upon the Existing Television Broadcast Service, MB Docket 87-268, Released August 6, 2007; Adopted August 1, 2007.

In support of this waiver request, an allocation study was completed to ensure no prohibited interference would occur. The proposed KAIT-DT operation meets the FCC's post-transition interference standards to pertinent Class A and DTV allotments using the procedures outlined in the FCC's OET-69 Bulletin and a 2 kilometer grid cell size. The results of the interference analyses are summarized in Figure 4.

Absent the waiver, KAIT-DT would need to reduce power to 18 kW ERP in order to use the existing antenna and avoid a contour expansion. At 18 kW ERP, the resulting DTV contour would not cover 1,011 square kilometers that are presently served by the station's analog Grade B contour. Therefore, a waiver is warranted.

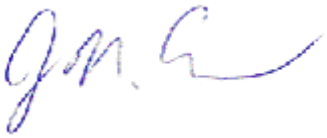
Radiofrequency Electromagnetic Field Exposure

The proposed KAIT-DT facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed DTV antenna is located 530 meters above ground level with an ERP of 21.7 kW. A conservative downward relative field value of 0.2 was assumed for the existing AND ABW12V6-HTO-8/9 antenna (see Figure 2). The calculated power density at a point 2 meters above ground level will not exceed 0.0001 mW/cm^2. This is less than 5% of the FCC's recommended limit of 0.2 mW/cm^2 for channel 8 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the station is at reduced

power or shut down. The proposed KAIT-DT operation appears to be otherwise categorically excluded from environmental processing.

It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner.



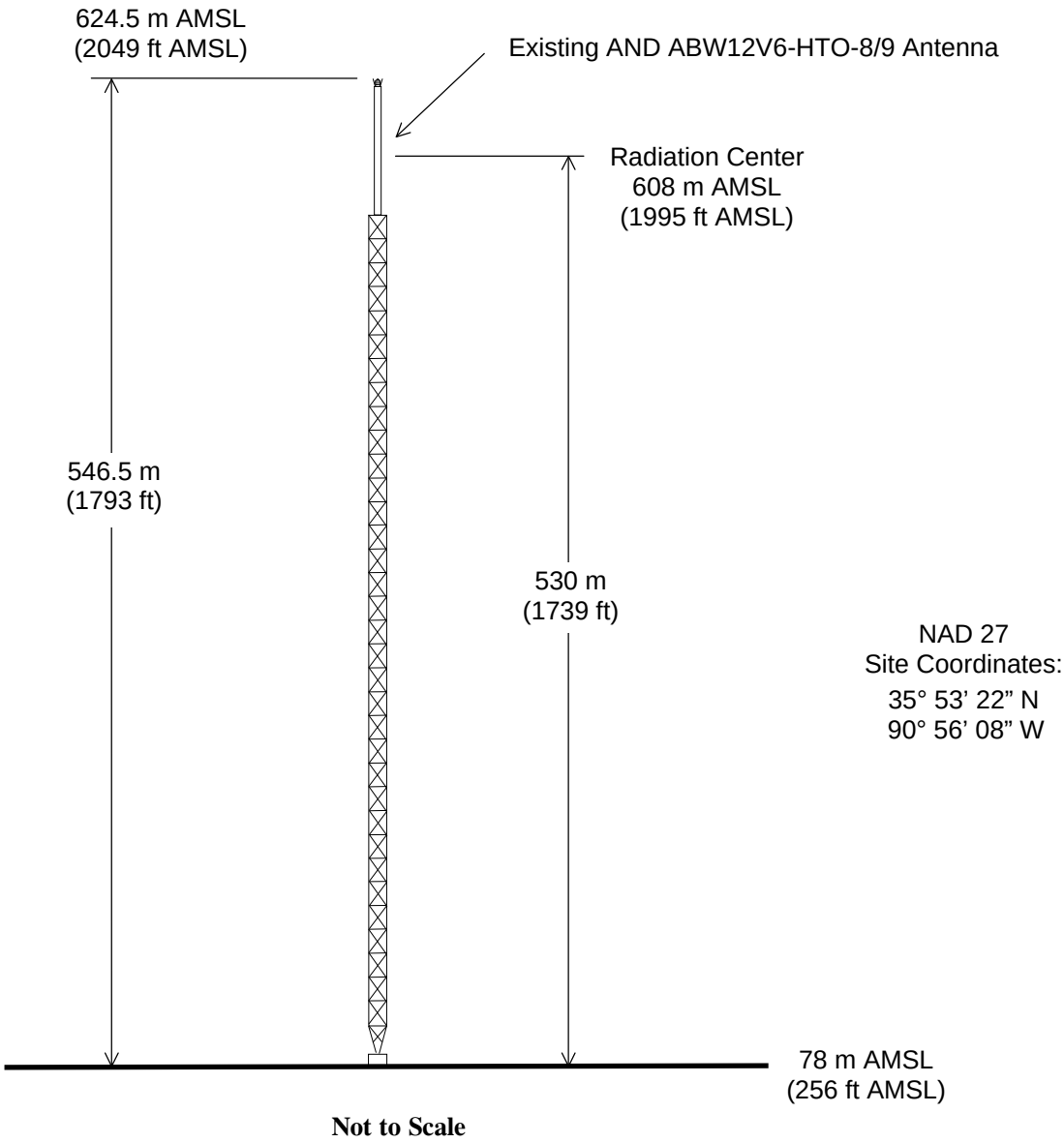
Jonathan N. Edwards

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000
JON@DLR.COM

May 9, 2008

CONSULTING ENGINEERS SINCE 1941
MAY 2008

Registration No. 1064518



Not to Scale

ANTENNA AND SUPPORTING STRUCTURE

STATION KAIT-DT

JONESBORO, ARKANSAS

CH 8 21.7 KW 531 M

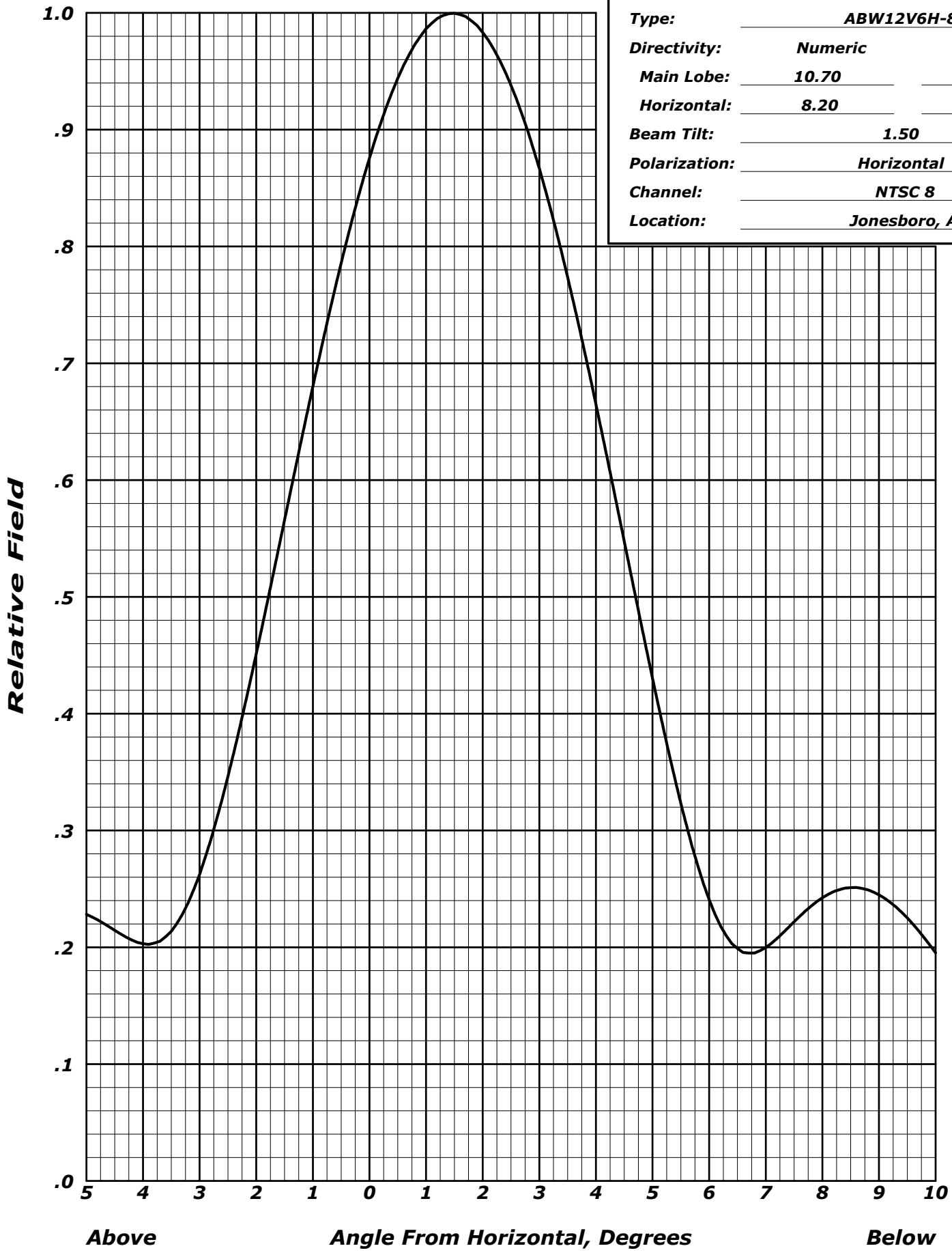
du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2

ANDREW

ELEVATION PATTERN

Type:	**ABW12V6H-8**	
Directivity:	**Numeric**	**dBd**
Main Lobe:	**10.70**	**(10.29)**
Horizontal:	**8.20**	**(9.14)**
Beam Tilt:	**1.50**	
Polarization:	**Horizontal**	
Channel:	**NTSC 8**	
Location:	**Jonesboro, AR**	



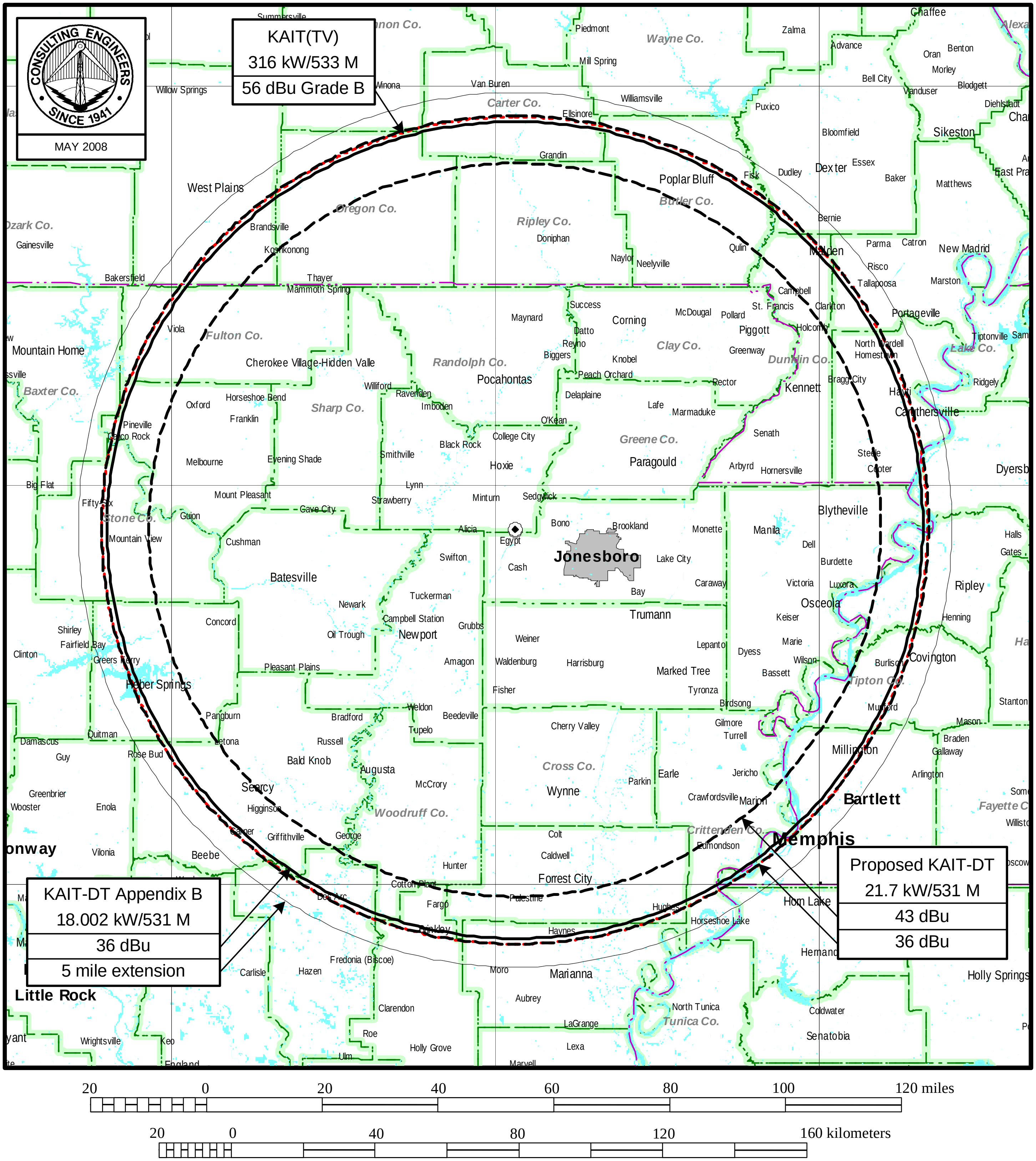
ANDREW CORPORATION
10500 W. 153rd Street
Orland Park, Illinois U.S.A. 60462

ANDREW

TABULATED DATA FOR ELEVATION PATTERN
TYPE : ABW12V6H-8

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5 To 10			10 To 90								
In 0.25 Increments			In 0.5 Increments								
-5.00	0.228	-12.83	8.75	0.250	-12.05	35.00	0.062	-24.21	62.50	0.028	-30.90
-4.75	0.222	-13.07	9.00	0.245	-12.22	35.50	0.071	-22.93	63.00	0.027	-31.52
-4.50	0.215	-13.37	9.25	0.236	-12.52	36.00	0.078	-22.13	63.50	0.025	-32.21
-4.25	0.207	-13.66	9.50	0.225	-12.95	36.50	0.081	-21.78	64.00	0.023	-32.91
-4.00	0.203	-13.84	9.75	0.211	-13.51	37.00	0.081	-21.87	64.50	0.021	-33.53
-3.75	0.204	-13.79	10.00	0.195	-14.19	37.50	0.076	-22.42	65.00	0.020	-34.08
-3.50	0.214	-13.40	10.50	0.161	-15.86	38.00	0.067	-23.50	65.50	0.019	-34.43
-3.25	0.233	-12.64	11.00	0.130	-17.73	38.50	0.055	-25.23	66.00	0.019	-34.56
-3.00	0.262	-11.62	11.50	0.111	-19.09	39.00	0.040	-27.93	66.50	0.019	-34.51
-2.75	0.301	-10.43	12.00	0.110	-19.17	39.50	0.024	-32.50	67.00	0.019	-34.34
-2.50	0.346	-9.21	12.50	0.121	-18.34	40.00	0.006	-43.74	67.50	0.020	-34.05
-2.25	0.397	-8.03	13.00	0.134	-17.46	40.50	0.011	-39.30	68.00	0.020	-33.77
-2.00	0.451	-6.91	13.50	0.142	-16.97	41.00	0.027	-31.25	68.50	0.021	-33.50
-1.75	0.508	-5.88	14.00	0.142	-16.97	41.50	0.042	-27.48	69.00	0.022	-33.28
-1.50	0.566	-4.95	14.50	0.133	-17.50	42.00	0.055	-25.20	69.50	0.022	-33.12
-1.25	0.623	-4.10	15.00	0.119	-18.51	42.50	0.065	-23.74	70.00	0.022	-33.05
-1.00	0.680	-3.35	15.50	0.101	-19.88	43.00	0.072	-22.85	70.50	0.022	-33.03
-0.75	0.734	-2.68	16.00	0.087	-21.23	43.50	0.076	-22.39	71.00	0.022	-33.11
-0.50	0.786	-2.09	16.50	0.082	-21.76	44.00	0.077	-22.31	71.50	0.022	-33.25
-0.25	0.833	-1.59	17.00	0.088	-21.13	44.50	0.074	-22.58	72.00	0.021	-33.48
0.00	0.876	-1.15	17.50	0.100	-19.99	45.00	0.069	-23.19	72.50	0.021	-33.76
0.25	0.913	-0.79	18.00	0.113	-18.97	45.50	0.062	-24.15	73.00	0.020	-34.08
0.50	0.944	-0.50	18.50	0.121	-18.36	46.00	0.053	-25.53	73.50	0.019	-34.49
0.75	0.968	-0.28	19.00	0.122	-18.25	46.50	0.043	-27.41	74.00	0.018	-34.98
1.00	0.986	-0.12	19.50	0.117	-18.64	47.00	0.032	-29.91	74.50	0.017	-35.51
1.25	0.997	-0.03	20.00	0.105	-19.57	47.50	0.022	-33.02	75.00	0.016	-36.05
1.50	1.000	-0.00	20.50	0.089	-21.06	48.00	0.016	-35.66	75.50	0.015	-36.68
1.75	0.995	-0.04	21.00	0.071	-22.97	48.50	0.018	-34.87	76.00	0.014	-37.36
2.00	0.983	-0.15	21.50	0.059	-24.60	49.00	0.024	-32.24	76.50	0.012	-38.10
2.25	0.964	-0.32	22.00	0.059	-24.58	49.50	0.032	-29.93	77.00	0.011	-38.84
2.50	0.938	-0.56	22.50	0.071	-22.98	50.00	0.039	-28.27	77.50	0.010	-39.64
2.75	0.905	-0.86	23.00	0.087	-21.19	50.50	0.044	-27.14	78.00	0.009	-40.45
3.00	0.867	-1.24	23.50	0.102	-19.85	51.00	0.048	-26.43	78.50	0.009	-41.35
3.25	0.823	-1.70	24.00	0.112	-19.04	51.50	0.050	-26.06	79.00	0.008	-42.23
3.50	0.774	-2.23	24.50	0.116	-18.74	52.00	0.050	-25.97	79.50	0.007	-43.09
3.75	0.721	-2.84	25.00	0.113	-18.96	52.50	0.049	-26.13	80.00	0.006	-44.08
4.00	0.665	-3.54	25.50	0.104	-19.70	53.00	0.047	-26.54	80.50	0.006	-45.04
4.25	0.607	-4.34	26.00	0.089	-21.02	53.50	0.044	-27.14	81.00	0.005	-46.12
4.50	0.548	-5.23	26.50	0.070	-23.05	54.00	0.040	-27.94	81.50	0.004	-47.14
4.75	0.488	-6.23	27.00	0.050	-25.94	54.50	0.036	-28.87	82.00	0.004	-48.09
5.00	0.430	-7.33	27.50	0.035	-29.22	55.00	0.032	-29.90	82.50	0.003	-49.26
5.25	0.375	-8.52	28.00	0.033	-29.74	55.50	0.029	-30.86	83.00	0.003	-50.36
5.50	0.323	-9.81	28.50	0.045	-26.97	56.00	0.026	-31.58	83.50	0.003	-51.73
5.75	0.278	-11.12	29.00	0.060	-24.39	56.50	0.025	-31.90	84.00	0.002	-53.04
6.00	0.241	-12.37	29.50	0.074	-22.67	57.00	0.026	-31.77	84.50	0.002	-54.54
6.25	0.214	-13.38	30.00	0.082	-21.67	57.50	0.027	-31.35	85.00	0.002	-56.13
6.50	0.199	-14.02	30.50	0.086	-21.28	58.00	0.029	-30.81	85.50	0.001	-57.82
6.75	0.195	-14.20	31.00	0.085	-21.42	58.50	0.031	-30.30	86.00	0.001	-59.92
7.00	0.200	-13.99	31.50	0.079	-22.08	59.00	0.032	-29.89	86.50	0.001	-60.00
7.25	0.210	-13.56	32.00	0.069	-23.24	59.50	0.033	-29.62	87.00	0.001	-60.00
7.50	0.222	-13.08	32.50	0.057	-24.91	60.00	0.034	-29.47	87.50	0.001	-60.00
7.75	0.233	-12.65	33.00	0.045	-26.87	60.50	0.034	-29.50	88.00	0.001	-60.00
8.00	0.242	-12.31	33.50	0.039	-28.18	61.00	0.033	-29.66	88.50	0.001	-60.00
8.25	0.249	-12.09	34.00	0.041	-27.66	61.50	0.032	-29.96	89.00	0.001	-60.00
8.50	0.251	-12.00	34.50	0.050	-25.94	62.00	0.030	-30.38	89.50	0.001	-60.00

Figure 3



PREDICTED COVERAGE CONTOURS

STATION KAIT-DT

JONESBORO, ARKANSAS

CH 8 21.7 kW 531 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

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Census data selected 2000

 Post Transition Data Base Selected
/export/home/cdbs/tvdb.sff_B
              TV INTERFERENCE and SPACING ANALYSIS PROGRAM


 Date: 05-06-2008    Time: 18:04:40

 Record Selected for Analysis

 KAIT     USERRECORD-01               JONESBORO            AR US
 Channel 08 ERP 21.7   kW   HAAT  531. m  RCAMSL 00608 m
 Latitude 035-53-22  Longitude 0090-56-08
 Status APP       Zone 2    Border
 Last update           Cutoff date           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     ERP        HAAT   36.0 dBu F(50,90)
     (Deg)      (kW)       (m)        (km)
      0.0       21.700     530.8      115.2
     45.0       21.700     533.0      115.3
     90.0       21.700     523.6      114.8
    135.0       21.700     531.5      115.2
    180.0       21.700     534.2      115.3
    225.0       21.700     533.1      115.3
    270.0       21.700     532.6      115.3
    315.0       21.700     531.2      115.2


                    Evaluation toward Class A Stations

 No Spacing violations or contour overlap to Class A stations

                    Class A Evaluation Complete

 Proposed facility OK to FCC Monitoring Stations
 Proposed facility OK toward West Virginia quite zone
 Proposed facility OK toward Table Mountian
 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
   08      KAIT       JONESBORO AR              USERRECORD01

     Stations Potentially Affected by  Proposed Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   KETS     LITTLE ROCK AR           195.0  LIC    BDTV      -0079
 08   WSIU-TV  CARBONDALE IL            288.2  LIC    BDTV      -0516
 08   KNOE-TV  MONROE LA                423.5  LIC    BDTV      -0688
 08   KOMUTV   COLUMBIA MO              353.3  LIC    BDTV      -0850
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 08   WTVA     TUPELO MS                287.5  LIC    BDTV      -0912
 08   KJRH     TULSA OK                 426.7  LIC    BDTV      -1254
 08   WNPT     NASHVILLE TN             369.7  LIC    BDTV      -1478

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

     Analysis of Interference to Affected Station   1

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   07      KETS       LITTLE ROCK AR           BDTV      -0079

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   KOAMTV   PITTSBURG KS             379.7  LIC    BDTV      -0619
 07   WLBT     JACKSON MS               302.7  LIC    BDTV      -0897
 07   KLTV     TYLER TX                 352.6  LIC    BDTV      -1611
 08   KAIT     JONESBORO AR             195.0  APP    USERRECORD-01
 Proposal causes no interference

################################################################################

     Analysis of Interference to Affected Station   2

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      WSIU-TV    CARBONDALE IL            BDTV      -0516

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   WEHT     EVANSVILLE IN            149.2  LIC    BDTV      -0568
 08   951215KK GALESBURG IL             369.6  LIC    BDTV      -0534
 08   WBNA     LOUISVILLE KY            305.5  LIC    BDTV      -0649
 08   KOMUTV   COLUMBIA MO              276.7  LIC    BDTV      -0850
 08   WNPT     NASHVILLE TN             313.1  LIC    BDTV      -1478
 09   WILL-TV  URBANA IL                220.8  LIC    BDTV      -0560
 09   WNIN     EVANSVILLE IN            165.0  LIC    BDTV      -0569
 08   KAIT     JONESBORO AR             288.2  APP    USERRECORD-01

 Total scenarios =   1

Result key:        1
Scenario        1  Affected station        2
Before Analysis

Results for:  8A IL CARBONDALE           BDTV      0516         LIC
   HAAT  271.0 m, ATV ERP   14.1 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      812703      26724.8
   not affected by terrain losses    761967      25617.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       24010        491.9
   lost to ATV IX only                24010        491.9
   lost to all IX                     24010        491.9

 Potential Interfering Stations Included in above Scenario     1

 8A AR JONESBORO            BDTV      0076         LIC
 8A KY LOUISVILLE           BDTV      0649         LIC
 8A MO COLUMBIA             BDTV      0850         LIC
 8A TN NASHVILLE            BDTV      1478         LIC

After Analysis

Results for:  8A IL CARBONDALE           BDTV      0516         LIC
```

```
   HAAT  271.0 m, ATV ERP   14.1 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      812703      26724.8
   not affected by terrain losses    761967      25617.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       24412        531.9
   lost to ATV IX only                24412        531.9
   lost to all IX                     24412        531.9

 Potential Interfering Stations Included in above Scenario     1

 8A KY LOUISVILLE           BDTV      0649         LIC
 8A MO COLUMBIA             BDTV      0850         LIC
 8A TN NASHVILLE            BDTV      1478         LIC
 8A AR JONESBORO            USERRECORD01           APP

Percent new IX =   -0.0545%
Worst case new IX   -0.0545% Scenario      1

################################################################################

     Analysis of Interference to Affected Station   3

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      KNOE-TV    MONROE LA                BDTV      -0688

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   KPLC     LAKE CHARLES LA          218.8  LIC    BDTV      -0684
 07   WLBT     JACKSON MS               158.8  LIC    BDTV      -0897
 08   WVUE     NEW ORLEANS LA           320.8  LIC    BDTV      -0691
 08   WTVA     TUPELO MS                329.9  LIC    BDTV      -0912
 09   WAFB     BATON ROUGE LA           219.2  LIC    BDTV      -0673
 08   KAIT     JONESBORO AR             423.5  APP    USERRECORD-01
 Proposal causes no interference

################################################################################

     Analysis of Interference to Affected Station   4

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      KOMUTV     COLUMBIA MO              BDTV      -0850

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   KHQA-TV  HANNIBAL MO              144.7  LIC    BDTV      -0852
 08   KCCI     DES MOINES IA            344.5  LIC    BDTV      -0470
 08   WSIU-TV  CARBONDALE IL            276.7  LIC    BDTV      -0516
 08   951215KK GALESBURG IL             313.5  LIC    BDTV      -0534
 09   KMBC-TV  KANSAS CITY MO           195.8  LIC    BDTV      -0858
 08   KAIT     JONESBORO AR             353.3  APP    USERRECORD-01

 Total scenarios =   1

Result key:        2
Scenario        1  Affected station        4
Before Analysis

Results for:  8A MO COLUMBIA             BDTV      0850         LIC
   HAAT  242.0 m, ATV ERP   13.6 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      506599      26370.4
   not affected by terrain losses    495350      25549.9
```

```
   lost to NTSC IX                          0          0.0
   lost to additional IX by ATV          2387        344.2
   lost to ATV IX only                   2387        344.2
   lost to all IX                        2387        344.2

 Potential Interfering Stations Included in above Scenario     1

 8A AR JONESBORO            BDTV      0076         LIC
 8A IA DES MOINES           BDTV      0470         LIC
 8A IL CARBONDALE           BDTV      0516         LIC
 8A IL GALESBURG            BDTV      0534         LIC

After Analysis

Results for:  8A MO COLUMBIA             BDTV      0850         LIC
   HAAT  242.0 m, ATV ERP   13.6 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      506599      26370.4
   not affected by terrain losses    495350      25549.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        2387        344.2
   lost to ATV IX only                 2387        344.2
   lost to all IX                      2387        344.2

 Potential Interfering Stations Included in above Scenario     1

 8A IA DES MOINES           BDTV      0470         LIC
 8A IL CARBONDALE           BDTV      0516         LIC
 8A IL GALESBURG            BDTV      0534         LIC
 8A AR JONESBORO            USERRECORD01           APP

Percent new IX =    0.0000%
Worst case new IX    0.0000% Scenario      1

################################################################################

     Analysis of Interference to Affected Station   5

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      WTVA       TUPELO MS                BDTV      -0912

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   WLBT     JACKSON MS               213.1  LIC    BDTV      -0897
 08   KNOE-TV  MONROE LA                329.9  LIC    BDTV      -0688
 08   WNPT     NASHVILLE TN             324.1  LIC    BDTV      -1478
 08   KAIT     JONESBORO AR             287.5  APP    USERRECORD-01

 Total scenarios =   1

Result key:        3
Scenario        1  Affected station        5
Before Analysis

Results for:  8A MS TUPELO               BDTV      0912         LIC
   HAAT  542.0 m, ATV ERP    9.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      667712      37151.9
   not affected by terrain losses    656570      36469.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       21111        654.6
   lost to ATV IX only                21111        654.6
   lost to all IX                     21111        654.6

 Potential Interfering Stations Included in above Scenario     1
```

```
 8A AR JONESBORO            BDTV      0076         LIC
 8A LA MONROE               BDTV      0688         LIC
 8A TN NASHVILLE            BDTV      1478         LIC

After Analysis

Results for:  8A MS TUPELO               BDTV      0912         LIC
   HAAT  542.0 m, ATV ERP    9.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      667712      37151.9
   not affected by terrain losses    656570      36469.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       22925        706.8
   lost to ATV IX only                22925        706.8
   lost to all IX                     22925        706.8

 Potential Interfering Stations Included in above Scenario     1

 8A LA MONROE               BDTV      0688         LIC
 8A TN NASHVILLE            BDTV      1478         LIC
 8A AR JONESBORO            USERRECORD01           APP

Percent new IX =    0.2855%
Worst case new IX    0.2855% Scenario      1

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     Analysis of Interference to Affected Station   6

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      KJRH       TULSA OK                  BDTV      -1254

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   KOAMTV   PITTSBURG KS             158.9  LIC    BDTV      -0619
 07   KOCO-TV  OKLAHOMA CITY OK         171.3  LIC    BDTV      -1242
 08   KPTS     HUTCHINSON KS            293.1  LIC    BDTV      -0614
 08   KWET     CHEYENNE OK              362.9  LIC    BDTV      -1236
 08   WFAA-TV  DALLAS TX                400.2  LIC    BDTV      -1522
 09   KAFT     FAYETTEVILLE AR          150.1  LIC    BDTV      -0069
 09   KWTV     OKLAHOMA CITY OK         172.4  LIC    BDTV      -1243
 08   KAIT     JONESBORO AR             426.7  APP    USERRECORD-01

 Proposed station is beyond the site to
 nearest cell evaluation distance

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     Analysis of Interference to Affected Station   7

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      WNPT       NASHVILLE TN              BDTV      -1478

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   WEHT     EVANSVILLE IN            212.5  LIC    BDTV      -0568
 08   WGTV     ATHENS GA                349.3  LIC    BDTV      -0386
 08   WSIU-TV  CARBONDALE IL            313.1  LIC    BDTV      -0516
 08   WBNA     LOUISVILLE KY            240.5  LIC    BDTV      -0649
 08   WTVA     TUPELO MS                324.1  LIC    BDTV      -0912
 09   WNIN     EVANSVILLE IN            224.7  LIC    BDTV      -0569
 09   WTVC     CHATTANOOGA TN           168.5  LIC    BDTV      -1443
```

```
 08   KAIT     JONESBORO AR              369.7  APP    USERRECORD-01

 Total scenarios =   1

Result key:        4
Scenario        1  Affected station        7
Before Analysis

Results for:  8A TN NASHVILLE            BDTV      1478         LIC
   HAAT  411.0 m, ATV ERP   17.6 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1926098      34644.5
   not affected by terrain losses   1888293      32853.6
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       32470        881.4
   lost to ATV IX only                32470        881.4
   lost to all IX                     32470        881.4

 Potential Interfering Stations Included in above Scenario     1

 8A AR JONESBORO            BDTV      0076         LIC
 8A GA ATHENS               BDTV      0386         LIC
 8A IL CARBONDALE           BDTV      0516         LIC
 8A KY LOUISVILLE           BDTV      0649         LIC
 8A MS TUPELO               BDTV      0912         LIC

After Analysis

Results for:  8A TN NASHVILLE            BDTV      1478         LIC
   HAAT  411.0 m, ATV ERP   17.6 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1926098      34644.5
   not affected by terrain losses   1888293      32853.6
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       32671        893.5
   lost to ATV IX only                32671        893.5
   lost to all IX                     32671        893.5

 Potential Interfering Stations Included in above Scenario     1

 8A GA ATHENS               BDTV      0386         LIC
 8A IL CARBONDALE           BDTV      0516         LIC
 8A KY LOUISVILLE           BDTV      0649         LIC
 8A MS TUPELO               BDTV      0912         LIC
 8A AR JONESBORO            USERRECORD01           APP

Percent new IX =    0.0108%
Worst case new IX    0.0108% Scenario      1

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     Analysis of Interference to Affected Station   8

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   08      KAIT       JONESBORO AR             USERRECORD-01

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 07   KETS     LITTLE ROCK AR           195.0  LIC    BDTV      -0079
 08   WSIU-TV  CARBONDALE IL            288.2  LIC    BDTV      -0516
 08   KNOE-TV  MONROE LA                423.5  LIC    BDTV      -0688
 08   KOMUTV   COLUMBIA MO              353.3  LIC    BDTV      -0850
 08   WTVA     TUPELO MS                287.5  LIC    BDTV      -0912
 08   KJRH     TULSA OK                 426.7  LIC    BDTV      -1254
 08   WNPT     NASHVILLE TN             369.7  LIC    BDTV      -1478
```

```
 Total scenarios =   1


Result key:        5
Scenario        1  Affected station        8
Before Analysis

Results for:  8A AR JONESBORO            USERRECORD01           APP
   HAAT  531.0 m, ATV ERP   21.7 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      768275      41637.3
   not affected by terrain losses    753521      40689.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        3887        128.5
   lost to ATV IX only                 3887        128.5
   lost to all IX                      3887        128.5

 Potential Interfering Stations Included in above Scenario     1

 7A AR LITTLE ROCK          BDTV      0079         LIC
 8A IL CARBONDALE           BDTV      0516         LIC
 8A MO COLUMBIA             BDTV      0850         LIC
 8A MS TUPELO               BDTV      0912         LIC
 8A TN NASHVILLE            BDTV      1478         LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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