TECHNICAL EXHIBIT
DTV MAXIMIZATION APPLICATION
STATION WXIN-DT
INDIANAPOLIS, INDIANA
CH 45 1000 KW (MAX-DA) 300 M

Technical Narrative

This Technical Exhibit supports an application for digital television (DTV) station WXIN-DT for its DTV operation at Indianapolis, Indiana. This application seeks to increase the present WXIN-DT effective radiated power from 700 kilowatts to 1,000 kilowatts. No change in the directional antenna is requested, the Dielectric model number TUM20-O4-12/48H-1-R-T, transmitter site location or radiation center is proposed.

Proposed Facilities

Station WXIN-DT proposes to continue to operate on DTV channel 45 from its current transmitter site. The antenna height above average terrain for the channel 45 DTV operation will remain 300 meters.

The current DTV transmitter site is located at:

39° 53′ 20″ North Latitude
86° 12′ 07″ West Longitude

A sketch of antenna and pertinent elevations are included as Figure 1.

The Appendix contains the horizontal plane radiation pattern for the proposed antenna system.

Figure 2 is a map showing the proposed DTV predicted coverage contour. The extent of the contours have been calculated using the normal FCC prediction method. The Indianapolis city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Allocation Considerations

The proposed WXIN-DT Channel 45 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other DTV stations. Longley-Rice interference analyses were conducted pursuant to the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software developed by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.[1] Stations selected for analysis were determined pursuant to

the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. The results of the interference analyses for the proposed WXIN-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 0.5% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.[2]

Radiofrequency Electromagnetic Field Exposure

The proposed WXIN-DT facilities were evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public. The radiation center for the proposed WXIN-DT antenna is located 306 meters above ground level. The maximum effective radiated power is 1000 kilowatts. A "worst case" downward relative field value of 0.5 is assumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is 0.09 mW/cm^2. This is less than 25 percent of the Commission's recommended limit of 0.44 mW/cm^2 for channel 45 for an "uncontrolled" environment.

1 The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. **A nominal grid size resolution of 1 km was employed**.

2 Interference analysis results reflect the net change in interference to a given station considering the interference predicted to occur from all other stations (i.e. "masking") including the allotment facility for WXIN-DT. This properly reflects the net interference change for determining compliance with the FCC 0.5% *de minimis* standard.

Access to the transmitting site is restricted and appropriately marked with warning signs. As this is a multi-user site an agreement between the stations will control access. 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 stations are at reduced power or shut down. The proposed WXIN-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.

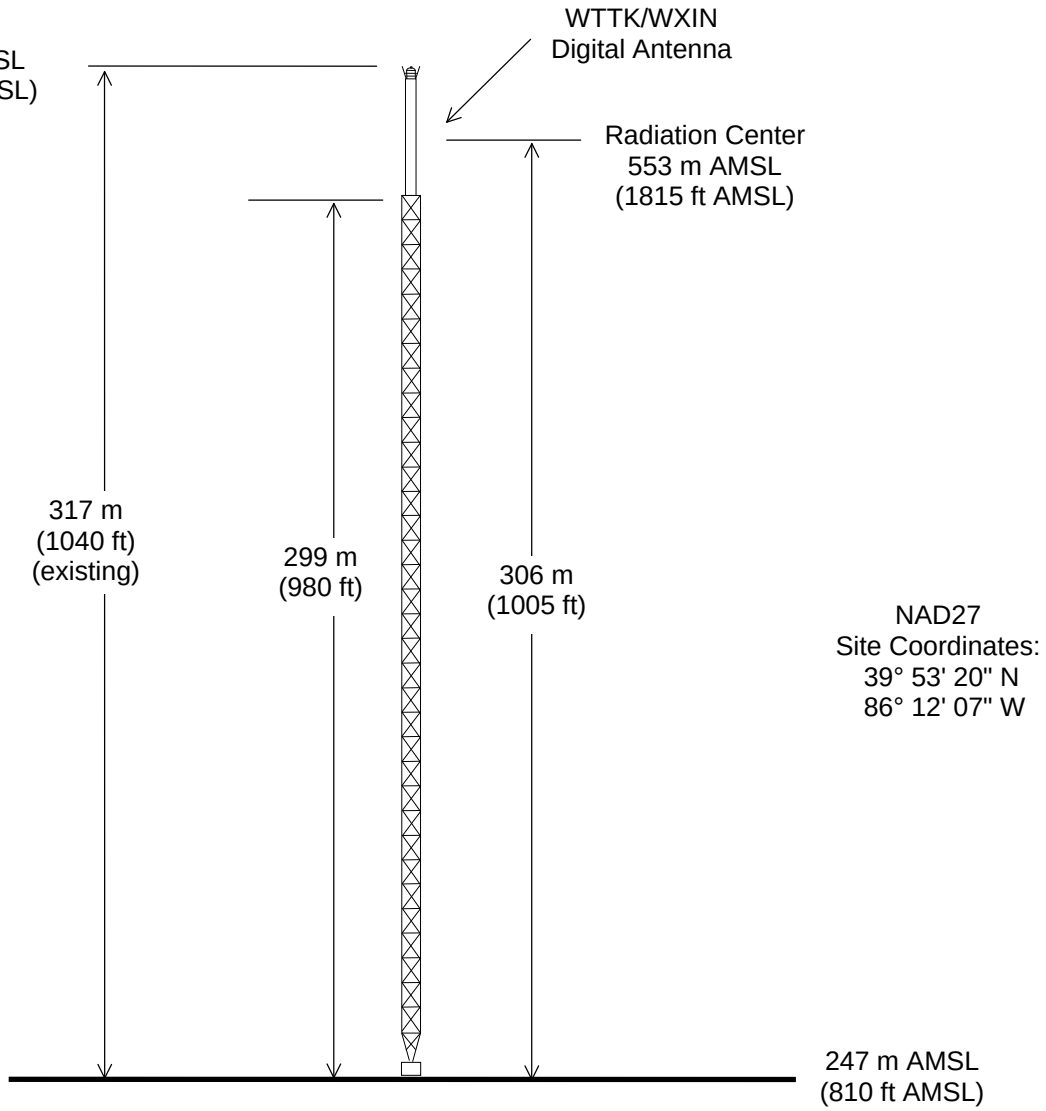
Charles Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 32437
941.329.6000

November 20, 2010

NOVEMBER 2010

ASRN: 1030684



Not to Scale

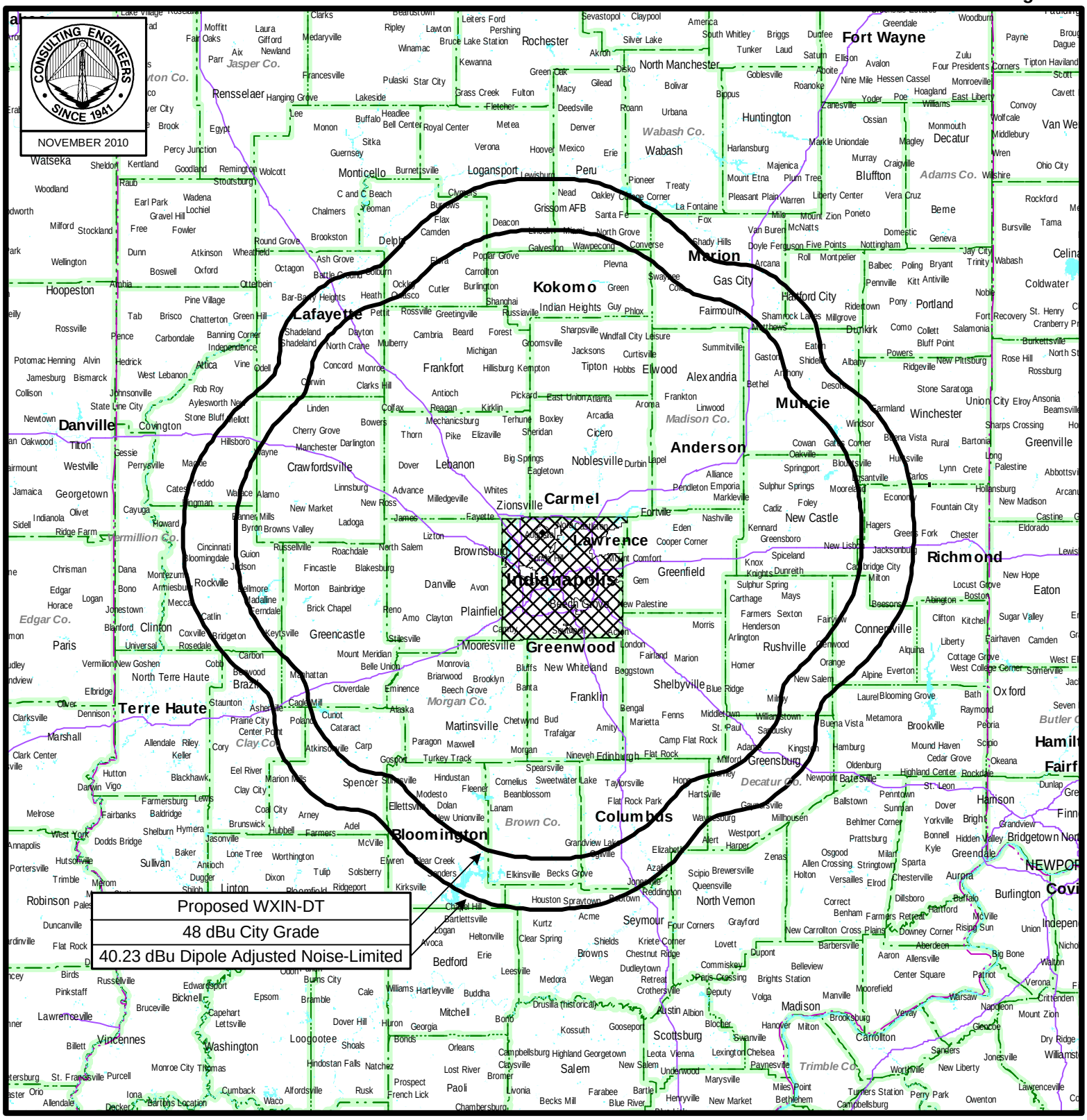
ANTENNA AND SUPPORTING STRUCTURE

DTV STATION WXIN-DT

INDIANAPOLIS, INDIANA

CH 45 1000 KW (MAX-DA) 300 M

Figure 2



PREDICTED COVERAGE CONTOURS

DTV STATION WXIN-DT

INDIANAPOLIS, INDIANA

CH 45 1000 KW (MAX-DA) 300 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 3

```
Percent allowed new interference:   0.500
Percent allowed new interference to non Class A LPTV:   2.000
 TW Census data selected 2000
 Data Base Selected
 /export/home/cdbs/pt_tvdb.sff

                    WARNING WARNING WARNING
The following list of station records has been excluded from the analysis
due to the fact that they have the same state, city and channel as the
proposed station - This could cause the program to not find a potential
fail situation

You can force the program to include these records by setting the state
of the proposed record to ZZ and re-running the analysis

WXIN     45 INDIANAPOLIS         IN BLCDT      20090921ACE



              TV INTERFERENCE and SPACING ANALYSIS PROGRAM


 Date: 11-18-2010    Time: 16:57:31

 Record Selected for Analysis

 WXIN     USERRECORD-01               INDIANAPOLIS         IN US
 Channel 45 ERP 1000.  kW   HAAT  300. m  RCAMSL 00553 m
 Latitude 039-53-20  Longitude 0086-12-07
 Status APP       Zone 2    Border      Site number: 01
 Dir Antenna Make CDB  Model 00000000092910  Beam tilt N  Ref Azimuth 0.
 Last update           Cutoff date           Docket
 Comments
 Applicant



 Cell Size for Service Analysis 1.0 km/side

 Distance Increments for Longley-Rice Analysis 1.00 km


 Facility (site # 01) meets maximum height/power limits

    Site number  1
    Azimuth     ERP        HAAT   41.0 dBu F(50,90)
     (Deg)      (kW)       (m)        (km)
      0.0     1000.000     276.9       93.7
     45.0      606.841     300.2       92.2
     90.0     1000.000     309.1       97.9
    135.0      606.841     313.0       93.8
    180.0     1000.000     329.6       99.9
    225.0      606.841     307.2       93.1
    270.0     1000.000     284.8       94.9
    315.0      606.841     276.1       88.5
```

Figure 3

Evaluation toward Class A Stations from site # 01

Station inside contour of Class A station
WKOG-LP 31 INDIANAPOLIS IN BLTTA 20050708AAW

Contour overlap to Class A station
WWJS-CA 45 CLARKSVILLE IN BLTTA 20030210AAO

Contour overlap to Class A station
WFWC-CA 45 FORT WAYNE IN BLTTL 19900727IO

Station inside contour of Class A station
WALV-CA 46 INDIANAPOLIS IN BDISTTA 20081208AAT

Station inside contour of Class A station
WBXI-CA 47 INDIANAPOLIS IN BLTTL 20000211AAQ

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WXIN 45 INDIANAPOLIS IN USERRECORD01 Site # 01

and station

SHORT TO: WXIN 45 INDIANAPOLIS IN DTVPLN DTVP1608
39 -53-20 86 -12-07
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance

Figure 3

Distance to border = 342.3km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

****

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
45	WXIN	INDIANAPOLIS IN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WKOG-LP	INDIANAPOLIS IN	14.1	LIC	BLTTA	20050708AAW
44	WDTI	INDIANAPOLIS IN	0.7	CP	BPEDT	20080617AEQ
44	WDTI	INDIANAPOLIS IN	0.7	LIC	BLEDT	20080519ABT
44	WKON	OWENTON KY	193.2	LIC	BLEDT	20011121ABI
44	WTLW	LIMA OH	196.7	LIC	BLCDT	20081209AAB
45	WSNS-TV	CHICAGO IL	251.9	LIC	BLCDT	20010612AIB
45	WSNS-TV	CHICAGO IL	251.9	CP	BPCDT	20080620AMW
45	WWJS-CA	CLARKSVILLE IN	171.9	LIC	BLTTA	20030210AAO
45	WEVV-TV	EVANSVILLE IN	250.9	LIC	BLCDT	20080404ACD
45	WFWC-CA	FORT WAYNE IN	161.5	LIC	BLTTL	19900727IO
45	WDIV-TV	DETROIT MI	382.0	APP	BPCDT	20090324ABD
45	WDIV-TV	DETROIT MI	382.0	LIC	BLCDT	20090624ABW
45	WLLA	KALAMAZOO MI	303.8	LIC	BLCDT	20070529AEA
45	WXCB-CD	DELAWARE OH	272.0	LIC	BLDTA	20100318AAD
46	WALV-CA	INDIANAPOLIS IN	4.7	CP	BDISTTA	20081208AAT
46	WHME-DR	SOUTH BEND IN	189.7	APP	BPRM	20080619AET
46	WHME-TV	SOUTH BEND IN	189.7	APP	BPCDT	20090716AAZ
47	WBXI-CA	INDIANAPOLIS IN	13.8	LIC	BLTTL	20000211AAQ

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WKOG-LP	INDIANAPOLIS IN	BLTTA	-20050708AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	WIPB	MUNCIE IN	74.7	CP MOD	BMPEDT	-20080620AAH
27	WIPX-TV	BLOOMINGTON IN	40.3	LIC	BLCDT	-20040406AAH
29	WTTK	KOKOMO IN	14.1	LIC	BLCDT	-20090930ABD
31	WFLD	CHICAGO IL	265.6	LIC	BLCDT	-20090223ABV
31	WANE-TV	FORT WAYNE IN	169.1	CP MOD	BMPCDT	-20080313AAW
31	DK58FD	TERRE HAUTE IN	111.8	APP	BPTTL	-20020807AAS
31	WDKY-TV	DANVILLE KY	263.1	CP	BPCDT	-20090323AEA
31	WDKY-DR	DANVILLE KY	263.1	APP	BPRM	-20080620AOU

Figure 3

```
 31   WPXD-TV  ANN ARBOR MI             338.5  CP MOD BMPCDT    -20080619AHZ
 31   KDNL-TV  ST. LOUIS MO             382.8  LIC    BLCDT     -20021216AAE
 32   WNDY-TV  MARION IN                 46.4  LIC    BLCDT     -20021029AAG
 39   WKOI-TV  RICHMOND IN              133.3  CP     BPCDT     -20080618ATM
 39   WKOI-TV  RICHMOND IN              133.3  LIC    BLCDT     -20050920ABV
 39   WFXW     TERRE HAUTE IN           120.8  LIC    BLCDT     -20090618AAW
 45   WXIN     INDIANAPOLIS IN           14.1  PLN    DTVPLN    -DTVP1608
 46   WALV-CA  INDIANAPOLIS IN           18.1  CP     BDISTTA   -20081208AAT
 45   WXIN     INDIANAPOLIS IN           14.1  APP    USERRECORD-01

 Total scenarios =   3


Result key:        1
Scenario        1  Affected station        1
Before Analysis

Results for: 31N IN INDIANAPOLIS         BLTTA     20050708AAW  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      595587        567.9
   not affected by terrain losses    595587        567.9
   lost to NTSC IX                     2179          3.0
   lost to additional IX by ATV        4546          3.0
   lost to all IX                      6725          5.9

 Potential Interfering Stations Included in above Scenario     1

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
29A IN KOKOMO               BLCDT     20090930ABD  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 31N IN INDIANAPOLIS         BLTTA     20050708AAW  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      595587        567.9
   not affected by terrain losses    595587        567.9
   lost to NTSC IX                     2179          3.0
   lost to additional IX by ATV        4546          3.0
   lost to all IX                      6725          5.9

 Potential Interfering Stations Included in above Scenario     1

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
29A IN KOKOMO               BLCDT     20090930ABD  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        2
Scenario        2  Affected station        1
Before Analysis

Results for: 31N IN INDIANAPOLIS         BLTTA     20050708AAW  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      595587        567.9
   not affected by terrain losses    595587        567.9
```

Figure 3

```
   lost to NTSC IX                    10959          9.8
   lost to additional IX by ATV        4546          3.0
   lost to all IX                     15505         12.8

 Potential Interfering Stations Included in above Scenario     2

31N IN TERRE HAUTE          BPTTL     20020807AAS  APP
46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
29A IN KOKOMO               BLCDT     20090930ABD  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 31N IN INDIANAPOLIS         BLTTA     20050708AAW  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      595587        567.9
   not affected by terrain losses    595587        567.9
   lost to NTSC IX                    10959          9.8
   lost to additional IX by ATV        4546          3.0
   lost to all IX                     15505         12.8

 Potential Interfering Stations Included in above Scenario     2

31N IN TERRE HAUTE          BPTTL     20020807AAS  APP
46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
29A IN KOKOMO               BLCDT     20090930ABD  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        3
Scenario        3  Affected station        1
Before Analysis

Results for: 31N IN INDIANAPOLIS         BLTTA     20050708AAW  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      595587        567.9
   not affected by terrain losses    595587        567.9
   lost to NTSC IX                     2179          3.0
   lost to additional IX by ATV        4546          3.0
   lost to all IX                      6725          5.9

 Potential Interfering Stations Included in above Scenario     3

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
29A IN KOKOMO               BLCDT     20090930ABD  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 31N IN INDIANAPOLIS         BLTTA     20050708AAW  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      595587        567.9
   not affected by terrain losses    595587        567.9
   lost to NTSC IX                     2179          3.0
   lost to additional IX by ATV        4546          3.0
   lost to all IX                      6725          5.9
```

Figure 3

```
 Potential Interfering Stations Included in above Scenario     3

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
29A IN KOKOMO               BLCDT     20090930ABD  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Worst case new IX    0.0000% Scenario      1

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


     Analysis of Interference to Affected Station   2


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   44      WDTI       INDIANAPOLIS IN           BPEDT     -20080617AEQ

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WLS-TV   CHICAGO IL               251.2  CP     BPCDT     -20091001ACI
 44   WLS-DR   CHICAGO IL               251.2  APP    BPRM      -20090724AEG
 44   WRSP-TV  SPRINGFIELD IL           276.7  CP     BPCDT     -20080620AGF
 44   WRSP-TV  SPRINGFIELD IL           276.7  LIC    BLCDT     -20050317ADQ
 44   WTSF     ASHLAND KY               366.5  LIC    BLCDT     -20080512AEM
 44   WKON     OWENTON KY               193.9  LIC    BLEDT     -20011121ABI
 44   WZPX-TV  BATTLE CREEK MI          323.8  LIC    BLCDT     -20020510AAG
 44   WWJ-TV   DETROIT MI               380.6  LIC    BLCDT     -19990720LH
 44   WWJ-TV   DETROIT MI               380.7  CP MOD BMPCDT    -20080616ABD
 44   WTLW     LIMA OH                  196.7  LIC    BLCDT     -20081209AAB
 44   WJFB     LEBANON TN               416.1  LIC    BLCDT     -20070813ABW
 44   WJFB     LEBANON TN               406.8  CP     BPCDT     -20080619AAQ
 45   WXIN     INDIANAPOLIS IN            0.7  PLN    DTVPLN    -DTVP1608
 45   WXIN     INDIANAPOLIS IN            0.7  APP    USERRECORD-01

 Total scenarios =   6


Result key:        4
Scenario        1  Affected station        2
Before Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour       2509416      26012.0
   not affected by terrain losses     2497871      25793.8
   lost to NTSC IX                          0          0.0
   lost to additional IX by ATV         16185        404.0
   lost to ATV IX only                  16185        404.0
   lost to all IX                       16185        404.0

 Potential Interfering Stations Included in above Scenario     1
```

Figure 3

```
44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16313        416.8
   lost to ATV IX only                16313        416.8
   lost to all IX                     16313        416.8

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0052%

Result key:        5
Scenario        2  Affected station        2
Before Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       13649        279.1
   lost to ATV IX only                13649        279.1
   lost to all IX                     13649        279.1

 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
```

Figure 3

```
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       13777        290.9
   lost to ATV IX only                13777        290.9
   lost to all IX                     13777        290.9

 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0052%

Result key:        6
Scenario        3  Affected station        2
Before Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16185        404.0
   lost to ATV IX only                16185        404.0
   lost to all IX                     16185        404.0

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16313        416.8
   lost to ATV IX only                16313        416.8
   lost to all IX                     16313        416.8

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A KY OWENTON              BLEDT     20011121ABI  LIC
```

Figure 3

```
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0052%

Result key:        7
Scenario        4  Affected station        2
Before Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       13649        279.1
   lost to ATV IX only                13649        279.1
   lost to all IX                     13649        279.1

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       13777        290.9
   lost to ATV IX only                13777        290.9
   lost to all IX                     13777        290.9

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0052%

Result key:        8
Scenario        5  Affected station        2
Before Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
```

Figure 3

```
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16185        404.0
   lost to ATV IX only                16185        404.0
   lost to all IX                     16185        404.0

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16313        416.8
   lost to ATV IX only                16313        416.8
   lost to all IX                     16313        416.8

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A KY OWENTON              BLEDT     20011121ABI  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0052%

Result key:        9
Scenario        6  Affected station        2
Before Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       13649        279.1
   lost to ATV IX only                13649        279.1
   lost to all IX                     13649        279.1

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A KY OWENTON              BLEDT     20011121ABI  LIC
```

Figure 3

```
44A OH LIMA                BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS        DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
   HAAT  293.0 m, ATV ERP 1000.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     2509416      26012.0
   not affected by terrain losses   2497871      25793.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       13777        290.9
   lost to ATV IX only                13777        290.9
   lost to all IX                     13777        290.9

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO             BPCDT     20091001ACI  CP
44A IL SPRINGFIELD         BLCDT     20050317ADQ  LIC
44A KY OWENTON             BLEDT     20011121ABI  LIC
44A OH LIMA                BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS        USERRECORD01           APP

Percent new IX =    0.0052%

Worst case new IX    0.0052% Scenario      1

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


     Analysis of Interference to Affected Station   3


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   44      WDTI       INDIANAPOLIS IN           BLEDT     -20080519ABT

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WLS-TV   CHICAGO IL               251.2  CP     BPCDT     -20091001ACI
 44   WLS-DR   CHICAGO IL               251.2  APP    BPRM      -20090724AEG
 44   WRSP-TV  SPRINGFIELD IL           276.7  CP     BPCDT     -20080620AGF
 44   WRSP-TV  SPRINGFIELD IL           276.7  LIC    BLCDT     -20050317ADQ
 44   WTSF     ASHLAND KY               366.5  LIC    BLCDT     -20080512AEM
 44   WKON     OWENTON KY               193.9  LIC    BLEDT     -20011121ABI
 44   WZPX-TV  BATTLE CREEK MI          323.8  LIC    BLCDT     -20020510AAG
 44   WWJ-TV   DETROIT MI               380.6  LIC    BLCDT     -19990720LH
 44   WWJ-TV   DETROIT MI               380.7  CP MOD BMPCDT    -20080616ABD
 44   WTLW     LIMA OH                  196.7  LIC    BLCDT     -20081209AAB
 44   WJFB     LEBANON TN               416.1  LIC    BLCDT     -20070813ABW
 44   WJFB     LEBANON TN               406.8  CP     BPCDT     -20080619AAQ
 45   WXIN     INDIANAPOLIS IN            0.7  PLN    DTVPLN    -DTVP1608
 45   WXIN     INDIANAPOLIS IN            0.7  APP    USERRECORD-01

 Total scenarios =   6
```

Figure 3

```
Result key:       10
Scenario        1  Affected station        3
Before Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        8309        225.2
   lost to ATV IX only                 8309        225.2
   lost to all IX                      8309        225.2

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       17325        342.2
   lost to ATV IX only                 17325        342.2
   lost to all IX                      17325        342.2

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.4877%

Result key:       11
Scenario        2  Affected station        3
Before Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        7905        212.4
   lost to ATV IX only                 7905        212.4
   lost to all IX                      7905        212.4
```

Figure 3

```
 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16921        329.4
   lost to ATV IX only                16921        329.4
   lost to all IX                     16921        329.4

 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.4876%

Result key:       12
Scenario        3  Affected station        3
Before Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        8309        225.2
   lost to ATV IX only                 8309        225.2
   lost to all IX                      8309        225.2

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
```

Figure 3

```
   lost to NTSC IX                          0          0.0
   lost to additional IX by ATV         17325        342.2
   lost to ATV IX only                  17325        342.2
   lost to all IX                       17325        342.2

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.4877%

Result key:       13
Scenario        4  Affected station        3
Before Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        7905        212.4
   lost to ATV IX only                 7905        212.4
   lost to all IX                      7905        212.4

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16921        329.4
   lost to ATV IX only                16921        329.4
   lost to all IX                     16921        329.4

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP
```

Figure 3

```
Percent new IX =    0.4876%

Result key:       14
Scenario        5  Affected station        3
Before Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        8309        225.2
   lost to ATV IX only                 8309        225.2
   lost to all IX                      8309        225.2

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       17325        342.2
   lost to ATV IX only                17325        342.2
   lost to all IX                     17325        342.2

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BPCDT     20080620AGF  CP
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.4877%

Result key:       15
Scenario        6  Affected station        3
Before Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        7905        212.4
   lost to ATV IX only                 7905        212.4
   lost to all IX                      7905        212.4
```

Figure 3

```
 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 44A IN INDIANAPOLIS         BLEDT     20080519ABT  LIC
   HAAT  293.0 m, ATV ERP   28.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1857662      15420.4
   not affected by terrain losses   1856858      15375.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       16921        329.4
   lost to ATV IX only                16921        329.4
   lost to all IX                     16921        329.4

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL SPRINGFIELD          BLCDT     20050317ADQ  LIC
44A OH LIMA                 BLCDT     20081209AAB  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.4876%

Worst case new IX    0.4877% Scenario      1

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


     Analysis of Interference to Affected Station   4


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   44      WKON       OWENTON KY               BLEDT     -20011121ABI

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 43   WKZT-TV  ELIZABETHTOWN KY         130.1  LIC    BLEDT     -20011221ABK
 43   WPBO     PORTSMOUTH OH            154.1  LIC    BLEDT     -20040323ATV
 44   WRSP-TV  SPRINGFIELD IL           423.8  CP     BPCDT     -20080620AGF
 44   WRSP-TV  SPRINGFIELD IL           423.8  LIC    BLCDT     -20050317ADQ
 44   WDTI     INDIANAPOLIS IN          193.9  CP     BPEDT     -20080617AEQ
 44   WDTI     INDIANAPOLIS IN          193.9  LIC    BLEDT     -20080519ABT
 44   WTSF     ASHLAND KY               210.0  LIC    BLCDT     -20080512AEM
 44   WTLW     LIMA OH                  254.5  LIC    BLCDT     -20081209AAB
 44   WJFB     LEBANON TN               297.8  LIC    BLCDT     -20070813ABW
 44   WJFB     LEBANON TN               306.3  CP     BPCDT     -20080619AAQ
 45   WXIN     INDIANAPOLIS IN          193.2  PLN    DTVPLN    -DTVP1608
 45   WXIN     INDIANAPOLIS IN          193.2  APP    USERRECORD-01
 Proposal causes no interference
```

Figure 3

```
################################################################################

     Analysis of Interference to Affected Station   5


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   44      WTLW       LIMA OH                   BLCDT     -20081209AAB

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 43   WTVS     DETROIT MI               205.2  CP     BPEDT     -20080620AAL
 43   WTVS     DETROIT MI               205.2  LIC    BLEDT     -20001117ABV
 44   WLS-TV   CHICAGO IL               313.7  CP     BPCDT     -20091001ACI
 44   WLS-DR   CHICAGO IL               313.7  APP    BPRM      -20090724AEG
 44   WDTI     INDIANAPOLIS IN          196.7  CP     BPEDT     -20080617AEQ
 44   WDTI     INDIANAPOLIS IN          196.7  LIC    BLEDT     -20080519ABT
 44   WTSF     ASHLAND KY               301.8  LIC    BLCDT     -20080512AEM
 44   WKON     OWENTON KY               254.5  LIC    BLEDT     -20011121ABI
 44   WZPX-TV  BATTLE CREEK MI          225.2  LIC    BLCDT     -20020510AAG
 44   WWJ-TV   DETROIT MI               205.2  LIC    BLCDT     -19990720LH
 44   WWJ-TV   DETROIT MI               205.2  CP MOD BMPCDT    -20080616ABD
 45   WXIN     INDIANAPOLIS IN          196.7  PLN    DTVPLN    -DTVP1608
 45   WDIV-TV  DETROIT MI               207.7  APP    BPCDT     -20090324ABD
 45   WDIV-TV  DETROIT MI               207.7  LIC    BLCDT     -20090624ABW
 45   WLLA     KALAMAZOO MI             226.5  LIC    BLCDT     -20070529AEA
 45   WXIN     INDIANAPOLIS IN          196.7  APP    USERRECORD-01
 Proposal causes no interference

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

     Analysis of Interference to Affected Station   6


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WSNS-TV    CHICAGO IL                BLCDT     -20010612AIB

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WLS-TV   CHICAGO IL                 0.0  CP     BPCDT     -20091001ACI
 44   WLS-DR   CHICAGO IL                 0.0  APP    BPRM      -20090724AEG
 45   WXIN     INDIANAPOLIS IN          251.9  PLN    DTVPLN    -DTVP1608
 45   WDIV-TV  DETROIT MI               371.0  APP    BPCDT     -20090324ABD
 45   WDIV-TV  DETROIT MI               371.0  LIC    BLCDT     -20090624ABW
 45   WLLA     KALAMAZOO MI             194.8  LIC    BLCDT     -20070529AEA
 46   WTVP     PEORIA IL                213.1  LIC    BLEDT     -20040105ACV
 46   WHME-DR  SOUTH BEND IN            126.4  APP    BPRM      -20080619AET
 46   WHME-TV  SOUTH BEND IN            126.4  APP    BPCDT     -20090716AAZ
 46   WDJT-TV  MILWAUKEE WI             139.1  CP MOD BMPCDT    -20000419ABR
 45   WXIN     INDIANAPOLIS IN          251.9  APP    USERRECORD-01
```

Figure 3

```
 Total scenarios =   9


Result key:       16
Scenario        1  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29634        336.6
   lost to ATV IX only                29634        336.6
   lost to all IX                     29634        336.6

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29827        350.6
   lost to ATV IX only                29827        350.6
   lost to all IX                     29827        350.6

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0021%

Result key:       17
Scenario        2  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
```

Figure 3

```
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO             BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       18
Scenario        3  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO             BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
```

Figure 3

```
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       19
Scenario        4  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65608        902.9
   lost to ATV IX only                65608        902.9
   lost to all IX                     65608        902.9

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65608        902.9
```

Figure 3

```
   lost to ATV IX only                65608        902.9
   lost to all IX                     65608        902.9

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       20
Scenario        5  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29634        336.6
   lost to ATV IX only                29634        336.6
   lost to all IX                     29634        336.6

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29827        350.6
   lost to ATV IX only                29827        350.6
   lost to all IX                     29827        350.6

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0021%
```

Figure 3

```
Result key:       21
Scenario        6  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO             BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO             BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       22
Scenario        7  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO             BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
```

Figure 3

```
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     7

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65623        903.9
   lost to ATV IX only                65623        903.9
   lost to all IX                     65623        903.9

 Potential Interfering Stations Included in above Scenario     7

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       23
Scenario        8  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65608        902.9
   lost to ATV IX only                65608        902.9
   lost to all IX                     65608        902.9

 Potential Interfering Stations Included in above Scenario     8

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis
```

Figure 3

```
Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       65608        902.9
   lost to ATV IX only                65608        902.9
   lost to all IX                     65608        902.9

 Potential Interfering Stations Included in above Scenario     8

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       24
Scenario        9  Affected station        6
Before Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29634        336.6
   lost to ATV IX only                29634        336.6
   lost to all IX                     29634        336.6

 Potential Interfering Stations Included in above Scenario     9

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BLCDT     20010612AIB  LIC
   HAAT  472.0 m, ATV ERP  467.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9416863      28893.2
   not affected by terrain losses   9416651      28882.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29827        350.6
   lost to ATV IX only                29827        350.6
   lost to all IX                     29827        350.6

 Potential Interfering Stations Included in above Scenario     9

44A IL CHICAGO              BPCDT     20091001ACI  CP
```

Figure 3

```
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0021%

Worst case new IX    0.0021% Scenario      1

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


     Analysis of Interference to Affected Station   7


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WSNS-TV    CHICAGO IL               BPCDT     -20080620AMW

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WLS-TV   CHICAGO IL                 0.0  CP     BPCDT     -20091001ACI
 44   WLS-DR   CHICAGO IL                 0.0  APP    BPRM      -20090724AEG
 45   WXIN     INDIANAPOLIS IN          251.9  PLN    DTVPLN    -DTVP1608
 45   WDIV-TV  DETROIT MI               371.0  APP    BPCDT     -20090324ABD
 45   WDIV-TV  DETROIT MI               371.0  LIC    BLCDT     -20090624ABW
 45   WLLA     KALAMAZOO MI             194.8  LIC    BLCDT     -20070529AEA
 46   WTVP     PEORIA IL                213.1  LIC    BLEDT     -20040105ACV
 46   WHME-DR  SOUTH BEND IN            126.4  APP    BPRM      -20080619AET
 46   WHME-TV  SOUTH BEND IN            126.4  APP    BPCDT     -20090716AAZ
 46   WDJT-TV  MILWAUKEE WI             139.1  CP MOD BMPCDT    -20000419ABR
 45   WXIN     INDIANAPOLIS IN          251.9  APP    USERRECORD-01

 Total scenarios =   9


Result key:       25
Scenario        1  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       21629        315.6
   lost to ATV IX only                21629        315.6
   lost to all IX                     21629        315.6

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN
```

Figure 3

```
After Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      9483531      30765.8
   not affected by terrain losses    9482457      30727.8
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV        22242        353.6
   lost to ATV IX only                 22242        353.6
   lost to all IX                      22242        353.6

 Potential Interfering Stations Included in above Scenario     1

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0065%

Result key:       26
Scenario        2  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      9483531      30765.8
   not affected by terrain losses    9482457      30727.8
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV        57685       1003.8
   lost to ATV IX only                 57685       1003.8
   lost to all IX                      57685       1003.8

 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      9483531      30765.8
   not affected by terrain losses    9482457      30727.8
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV        57685       1003.8
   lost to ATV IX only                 57685       1003.8
   lost to all IX                      57685       1003.8
```

Figure 3

```
 Potential Interfering Stations Included in above Scenario     2

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       27
Scenario        3  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1003.8
   lost to ATV IX only                57685       1003.8
   lost to all IX                     57685       1003.8

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1003.8
   lost to ATV IX only                57685       1003.8
   lost to all IX                     57685       1003.8

 Potential Interfering Stations Included in above Scenario     3

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%
```

Figure 3

```
Result key:       28
Scenario        4  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1002.8
   lost to ATV IX only                57685       1002.8
   lost to all IX                     57685       1002.8

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1002.8
   lost to ATV IX only                57685       1002.8
   lost to all IX                     57685       1002.8

 Potential Interfering Stations Included in above Scenario     4

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       29
Scenario        5  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
```

Figure 3

```
   lost to additional IX by ATV       21629        315.6
   lost to ATV IX only                21629        315.6
   lost to all IX                     21629        315.6

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       22242        353.6
   lost to ATV IX only                22242        353.6
   lost to all IX                     22242        353.6

 Potential Interfering Stations Included in above Scenario     5

44A IL CHICAGO              BPCDT     20091001ACI  CP
44A IL CHICAGO              BPRM      20090724AEG  APP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0065%

Result key:       30
Scenario        6  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1003.8
   lost to ATV IX only                57685       1003.8
   lost to all IX                     57685       1003.8

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN
```

Figure 3

```
After Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1003.8
   lost to ATV IX only                57685       1003.8
   lost to all IX                     57685       1003.8

 Potential Interfering Stations Included in above Scenario     6

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       31
Scenario        7  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1003.8
   lost to ATV IX only                57685       1003.8
   lost to all IX                     57685       1003.8

 Potential Interfering Stations Included in above Scenario     7

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1003.8
   lost to ATV IX only                57685       1003.8
   lost to all IX                     57685       1003.8
```

Figure 3

```
 Potential Interfering Stations Included in above Scenario     7

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPRM      20080619AET  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       32
Scenario        8  Affected station        7
Before Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1002.8
   lost to ATV IX only                57685       1002.8
   lost to all IX                     57685       1002.8

 Potential Interfering Stations Included in above Scenario     8

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO             BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       57685       1002.8
   lost to ATV IX only                57685       1002.8
   lost to all IX                     57685       1002.8

 Potential Interfering Stations Included in above Scenario     8

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A IN SOUTH BEND           BPCDT     20090716AAZ  APP
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       33
Scenario        9  Affected station        7
Before Analysis
```

Figure 3

```
Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       21629        315.6
   lost to ATV IX only                21629        315.6
   lost to all IX                     21629        315.6

 Potential Interfering Stations Included in above Scenario     9

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IL CHICAGO              BPCDT     20080620AMW  CP
   HAAT  472.0 m, ATV ERP  665.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     9483531      30765.8
   not affected by terrain losses   9482457      30727.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       22242        353.6
   lost to ATV IX only                22242        353.6
   lost to all IX                     22242        353.6

 Potential Interfering Stations Included in above Scenario     9

44A IL CHICAGO              BPCDT     20091001ACI  CP
45A MI KALAMAZOO            BLCDT     20070529AEA  LIC
46A WI MILWAUKEE            BMPCDT    20000419ABR  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0065%

Worst case new IX    0.0065% Scenario      1

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


     Analysis of Interference to Affected Station   8


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WWJS-CA    CLARKSVILLE IN            BLTTA     -20030210AAO

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 38   WKMJ-TV  LOUISVILLE KY              0.3  LIC    BLEDT     -20030410AAK
 42   WCLJ-TV  BLOOMINGTON IN           118.2  LIC    BLCDT     -20090616ABL
 42   WKLE     LEXINGTON KY             142.3  LIC    BLEDT     -20060926AJQ
```

Figure 3

```
 43   WKZT-TV  ELIZABETHTOWN KY          76.4  LIC    BLEDT     -20011221ABK
 44   WKON     OWENTON KY               90.4  LIC    BLEDT     -20011121ABI
 45   WEVV-TV  EVANSVILLE IN           159.1  LIC    BLCDT     -20080404ACD
 45   WXIN     INDIANAPOLIS IN         171.9  PLN    DTVPLN    -DTVP1608
 47   WAVE     LOUISVILLE KY             0.1  LIC    BLCDT     -20030306ABQ
 48   WTTV     BLOOMINGTON IN          118.7  LIC    BLCDT     -20060630ACD
 48   WTTV     BLOOMINGTON IN          118.7  APP    BPCDT     -20100324AAF
 48   WTTV     BLOOMINGTON IN          118.7  CP MOD BMPCDT    -20080619AKO
 49   WDRB     LOUISVILLE KY             2.7  CP MOD BMPCDT    -20080620AJS
 45   WXIN     INDIANAPOLIS IN         171.9  APP    USERRECORD-01

 Total scenarios =   1


Result key:       34
Scenario        1  Affected station        8
Before Analysis

Results for: 45N IN CLARKSVILLE          BLTTA     20030210AAO  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      928740       3285.7
   not affected by terrain losses    920996       3179.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       14429        190.3
   lost to all IX                     14429        190.3

 Potential Interfering Stations Included in above Scenario     1

45A IN EVANSVILLE           BLCDT     20080404ACD  LIC
47A KY LOUISVILLE           BLCDT     20030306ABQ  LIC
49A KY LOUISVILLE           BMPCDT    20080620AJS  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45N IN CLARKSVILLE          BLTTA     20030210AAO  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      928740       3285.7
   not affected by terrain losses    920996       3179.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       14429        190.3
   lost to all IX                     14429        190.3

 Potential Interfering Stations Included in above Scenario     1

45A IN EVANSVILLE           BLCDT     20080404ACD  LIC
47A KY LOUISVILLE           BLCDT     20030306ABQ  LIC
49A KY LOUISVILLE           BMPCDT    20080620AJS  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Worst case new IX    0.0000% Scenario      1

################################################################################
```

Figure 3

```
     Analysis of Interference to Affected Station   9


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WEVV-TV    EVANSVILLE IN             BLCDT     -20080404ACD

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WJFB     LEBANON TN               218.7  LIC    BLCDT     -20070813ABW
 44   WJFB     LEBANON TN               192.4  CP     BPCDT     -20080619AAQ
 45   WXIN     INDIANAPOLIS IN          250.9  PLN    DTVPLN    -DTVP1608
 46   WFIE     EVANSVILLE IN              2.2  CP     BPCDT     -20080620AGW
 46   WFIE     EVANSVILLE IN              2.2  LIC    BLCDT     -20050916ACR
 45   WXIN     INDIANAPOLIS IN          250.9  APP    USERRECORD-01

 Total scenarios =   2


Result key:       35
Scenario        1  Affected station        9
Before Analysis

Results for: 45A IN EVANSVILLE           BLCDT     20080404ACD  LIC
   HAAT  311.0 m, ATV ERP  340.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      734685      23870.6
   not affected by terrain losses    731965      23668.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        2884        185.5
   lost to ATV IX only                 2884        185.5
   lost to all IX                      2884        185.5

 Potential Interfering Stations Included in above Scenario     1

46A IN EVANSVILLE           BPCDT     20080620AGW  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IN EVANSVILLE           BLCDT     20080404ACD  LIC
   HAAT  311.0 m, ATV ERP  340.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      734685      23870.6
   not affected by terrain losses    731965      23668.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        2685        174.7
   lost to ATV IX only                 2685        174.7
   lost to all IX                      2685        174.7

 Potential Interfering Stations Included in above Scenario     1

46A IN EVANSVILLE           BPCDT     20080620AGW  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =   -0.0273%
```

Figure 3

```
Result key:       36
Scenario        2  Affected station        9
Before Analysis

Results for: 45A IN EVANSVILLE           BLCDT     20080404ACD  LIC
   HAAT  311.0 m, ATV ERP  340.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      734685      23870.6
   not affected by terrain losses    731965      23668.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1623         98.7
   lost to ATV IX only                 1623         98.7
   lost to all IX                      1623         98.7

 Potential Interfering Stations Included in above Scenario     2

46A IN EVANSVILLE           BLCDT     20050916ACR  LIC
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 45A IN EVANSVILLE           BLCDT     20080404ACD  LIC
   HAAT  311.0 m, ATV ERP  340.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      734685      23870.6
   not affected by terrain losses    731965      23668.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV        1424         86.9
   lost to ATV IX only                 1424         86.9
   lost to all IX                      1424         86.9

 Potential Interfering Stations Included in above Scenario     2

46A IN EVANSVILLE           BLCDT     20050916ACR  LIC
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =   -0.0272%

Worst case new IX   -0.0272% Scenario      2

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


     Analysis of Interference to Affected Station  10


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WFWC-CA    FORT WAYNE IN             BLTTL     -19900727IO

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 42   WNDU-TV  SOUTH BEND IN             105.3  CP     BPCDT     -20080619AAB
 42   WNDU-TV  SOUTH BEND IN             105.3  LIC    BLCDT     -20060717AAG
 44   WTLW     LIMA OH                    89.0  LIC    BLCDT     -20081209AAB
```

Figure 3

```
 45   WSNS-TV  CHICAGO IL              224.7  LIC    BLCDT     -20010612AIB
 45   WSNS-TV  CHICAGO IL              224.7  CP     BPCDT     -20080620AMW
 45   WXIN     INDIANAPOLIS IN         161.5  PLN    DTVPLN    -DTVP1608
 45   WDIV-TV  DETROIT MI              222.4  APP    BPCDT     -20090324ABD
 45   WDIV-TV  DETROIT MI              222.4  LIC    BLCDT     -20090624ABW
 45   WLLA     KALAMAZOO MI            164.9  LIC    BLCDT     -20070529AEA
 45   WNEO     ALLIANCE OH             355.8  LIC    BLEDT     -20090129AAN
 45   WLQP-LP  LIMA OH                  93.7  CP     BDISDTL   -20090623AAW
 46   WHME-DR  SOUTH BEND IN           101.1  APP    BPRM      -20080619AET
 46   WHME-TV  SOUTH BEND IN           101.1  APP    BPCDT     -20090716AAZ
 48   WHME-TV  SOUTH BEND IN           101.1  APP    BPCDT     -20080619ABC
 45   WXIN     INDIANAPOLIS IN         161.5  APP    USERRECORD-01
 Proposal causes no interference

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


     Analysis of Interference to Affected Station  11


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WDIV-TV    DETROIT MI               BPCDT     -20090324ABD

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WZPX-TV  BATTLE CREEK MI          153.8  LIC    BLCDT     -20020510AAG
 44   WWJ-TV   DETROIT MI                4.7  LIC    BLCDT     -19990720LH
 44   WWJ-TV   DETROIT MI                4.7  CP MOD BMPCDT    -20080616ABD
 44   WTLW     LIMA OH                 207.7  LIC    BLCDT     -20081209AAB
 45   WSNS-TV  CHICAGO IL              371.0  LIC    BLCDT     -20010612AIB
 45   WSNS-TV  CHICAGO IL              371.0  CP     BPCDT     -20080620AMW
 45   WXIN     INDIANAPOLIS IN         382.0  PLN    DTVPLN    -DTVP1608
 45   WLLA     KALAMAZOO MI            184.8  LIC    BLCDT     -20070529AEA
 45   WFUP     VANDERBILT MI           323.4  CP     BPCDT     -20081119AMT
 45   WNEO     ALLIANCE OH             258.7  LIC    BLEDT     -20090129AAN
 46   WBSF     BAY CITY MI             121.9  LIC    BLCDT     -20090622AFF
 46   WUPW     TOLEDO OH                94.0  APP    BPCDT     -20080619AJB
 46   WUPW     TOLEDO OH                94.0  LIC    BLCDT     -20030411AAF
 45   WXIN     INDIANAPOLIS IN         382.0  APP    USERRECORD-01
 Proposal causes no interference

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


     Analysis of Interference to Affected Station  12


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WDIV-TV    DETROIT MI               BLCDT     -20090624ABW

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WZPX-TV  BATTLE CREEK MI          153.8  LIC    BLCDT     -20020510AAG
```

Figure 3

```
 44   WWJ-TV   DETROIT MI                4.7  LIC    BLCDT     -19990720LH
 44   WWJ-TV   DETROIT MI                4.7  CP MOD BMPCDT    -20080616ABD
 44   WTLW     LIMA OH                 207.7  LIC    BLCDT     -20081209AAB
 45   WSNS-TV  CHICAGO IL              371.0  LIC    BLCDT     -20010612AIB
 45   WSNS-TV  CHICAGO IL              371.0  CP     BPCDT     -20080620AMW
 45   WXIN     INDIANAPOLIS IN         382.0  PLN    DTVPLN    -DTVP1608
 45   WLLA     KALAMAZOO MI            184.8  LIC    BLCDT     -20070529AEA
 45   WFUP     VANDERBILT MI           323.4  CP     BPCDT     -20081119AMT
 45   WNEO     ALLIANCE OH             258.7  LIC    BLEDT     -20090129AAN
 46   WBSF     BAY CITY MI             121.9  LIC    BLCDT     -20090622AFF
 46   WUPW     TOLEDO OH                94.0  APP    BPCDT     -20080619AJB
 46   WUPW     TOLEDO OH                94.0  LIC    BLCDT     -20030411AAF
 45   WXIN     INDIANAPOLIS IN         382.0  APP    USERRECORD-01
 Proposal causes no interference

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

     Analysis of Interference to Affected Station  13


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WLLA       KALAMAZOO MI              BLCDT     -20070529AEA

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WLS-TV   CHICAGO IL              194.7  CP     BPCDT     -20091001ACI
 44   WLS-DR   CHICAGO IL              194.7  APP    BPRM      -20090724AEG
 44   WZPX-TV  BATTLE CREEK MI          34.6  LIC    BLCDT     -20020510AAG
 44   WWJ-TV   DETROIT MI              187.7  LIC    BLCDT     -19990720LH
 44   WWJ-TV   DETROIT MI              187.7  CP MOD BMPCDT    -20080616ABD
 44   WTLW     LIMA OH                 226.5  LIC    BLCDT     -20081209AAB
 45   WSNS-TV  CHICAGO IL              194.8  LIC    BLCDT     -20010612AIB
 45   WSNS-TV  CHICAGO IL              194.8  CP     BPCDT     -20080620AMW
 45   WXIN     INDIANAPOLIS IN         303.8  PLN    DTVPLN    -DTVP1608
 45   WDIV-TV  DETROIT MI              184.8  APP    BPCDT     -20090324ABD
 45   WDIV-TV  DETROIT MI              184.8  LIC    BLCDT     -20090624ABW
 45   WFUP     VANDERBILT MI           295.1  CP     BPCDT     -20081119AMT
 45   WNEO     ALLIANCE OH             419.7  LIC    BLEDT     -20090129AAN
 46   WHME-DR  SOUTH BEND IN           122.3  APP    BPRM      -20080619AET
 46   WHME-TV  SOUTH BEND IN           122.3  APP    BPCDT     -20090716AAZ
 46   WBSF     BAY CITY MI             165.5  LIC    BLCDT     -20090622AFF
 46   WUPW     TOLEDO OH               194.3  APP    BPCDT     -20080619AJB
 46   WUPW     TOLEDO OH               194.3  LIC    BLCDT     -20030411AAF
 46   WDJT-TV  MILWAUKEE WI            210.4  CP MOD BMPCDT    -20000419ABR
 45   WXIN     INDIANAPOLIS IN         303.8  APP    USERRECORD-01
 Proposal causes no interference

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

     Analysis of Interference to Affected Station  14


Analysis of current record
```

Figure 3

Channel	Call	City/State	Application	Ref. No.
45	WXCB-CD	DELAWARE OH	BLDTA	-20100318AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	W43BZ	COLUMBUS OH	38.1	CP	BDISDTL	-20100205AAS
44	WTLW	LIMA OH	107.9	LIC	BLCDT	-20081209AAB
45	WXIN	INDIANAPOLIS IN	272.0	PLN	DTVPLN	-DTVP1608
45	WDIV-TV	DETROIT MI	241.5	APP	BPCDT	-20090324ABD
45	WDIV-TV	DETROIT MI	241.5	LIC	BLCDT	-20090624ABW
45	WLLA	KALAMAZOO MI	320.7	LIC	BLCDT	-20070529AEA
45	WNEO	ALLIANCE OH	192.2	LIC	BLEDT	-20090129AAN
45	WLQP-LP	LIMA OH	103.3	CP	BDISDTL	-20090623AAW
45	WVCW-LP	HUNTINGTON WV	214.9	LIC	BLTTL	-20031117ACK
45	W45BW	PARKERSBURG WV	164.0	LIC	BLTT	-20001027AAE
46	WWHO	CHILLICOTHE OH	80.7	LIC	BLCDT	-20021025AAA
45	WXIN	INDIANAPOLIS IN	272.0	APP	USERRECORD	-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WALV-CA	INDIANAPOLIS IN	BDISTTA	-20081208AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WKOI-TV	RICHMOND IN	140.0	CP	BPCDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	140.0	LIC	BLCDT	-20050920ABV
39	WFXW	TERRE HAUTE IN	128.6	LIC	BLCDT	-20090618AAW
42	WCLJ-TV	BLOOMINGTON IN	58.5	LIC	BLCDT	-20090616ABL
44	WDTI	INDIANAPOLIS IN	4.3	CP	BPEDT	-20080617AEQ
44	WDTI	INDIANAPOLIS IN	4.3	LIC	BLEDT	-20080519ABT
45	WXIN	INDIANAPOLIS IN	4.7	PLN	DTVPLN	-DTVP1608
46	WBXC-CA	CHAMPAIGN, ETC. IL	176.6	LIC	BLTTA	-20040723ABO
46	WTVP	PEORIA IL	297.6	LIC	BLEDT	-20040105ACV
46	WFIE	EVANSVILLE IN	254.6	CP	BPCDT	-20080620AGW
46	WFIE	EVANSVILLE IN	254.6	LIC	BLCDT	-20050916ACR
46	WHME-DR	SOUTH BEND IN	185.3	APP	BPRM	-20080619AET
46	WHME-TV	SOUTH BEND IN	185.3	APP	BPCDT	-20090716AAZ
46	WWHO	CHILLICOTHE OH	265.0	LIC	BLCDT	-20021025AAA
46	WUPW	TOLEDO OH	299.8	APP	BPCDT	-20080619AJB
46	WUPW	TOLEDO OH	299.8	LIC	BLCDT	-20030411AAF
46	WDJT-TV	MILWAUKEE WI	382.5	CP MOD	BMPCDT	-20000419ABR
47	WBXI-CA	INDIANAPOLIS IN	17.8	CP	BDFCDTA	-20100901ACI
47	WBXI-CA	INDIANAPOLIS IN	17.8	LIC	BLTTL	-20000211AAQ
48	WTTV	BLOOMINGTON IN	58.0	LIC	BLCDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	58.0	APP	BPCDT	-20100324AAF
48	WTTV	BLOOMINGTON IN	58.0	CP MOD	BMPCDT	-20080619AKO
45	WXIN	INDIANAPOLIS IN	4.7	APP	USERRECORD	-01

Figure 3

```
 Total scenarios =   1


Result key:       37
Scenario        1  Affected station       15
Before Analysis

Results for: 46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1172147       3207.2
   not affected by terrain losses   1172147       3207.2
   lost to NTSC IX                     4096          2.9
   lost to additional IX by ATV      174412        271.2
   lost to all IX                    178508        274.1

 Potential Interfering Stations Included in above Scenario     1

47N IN INDIANAPOLIS         BLTTL     20000211AAQ  LIC
44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
47A IN INDIANAPOLIS         BDFCDTA   20100901ACI  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1172147       3207.2
   not affected by terrain losses   1172147       3207.2
   lost to NTSC IX                     4096          2.9
   lost to additional IX by ATV      148494        267.3
   lost to all IX                    152590        270.2

 Potential Interfering Stations Included in above Scenario     1

47N IN INDIANAPOLIS         BLTTL     20000211AAQ  LIC
44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
47A IN INDIANAPOLIS         BDFCDTA   20100901ACI  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =   -2.2112%

Worst case new IX   -2.2112% Scenario      1

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


     Analysis of Interference to Affected Station  16


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   46      WHME-DR    SOUTH BEND IN             BPRM      -20080619AET

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 45   WSNS-TV  CHICAGO IL               126.4  LIC    BLCDT     -20010612AIB
```

Figure 3

```
 45   WSNS-TV  CHICAGO IL               126.4  CP     BPCDT     -20080620AMW
 45   WXIN     INDIANAPOLIS IN          189.7  PLN    DTVPLN    -DTVP1608
 45   WLLA     KALAMAZOO MI             122.3  LIC    BLCDT     -20070529AEA
 46   WTVP     PEORIA IL                305.0  LIC    BLEDT     -20040105ACV
 46   WFIE     EVANSVILLE IN            428.2  CP     BPCDT     -20080620AGW
 46   WFIE     EVANSVILLE IN            428.2  LIC    BLCDT     -20050916ACR
 46   WHME-TV  SOUTH BEND IN              0.0  APP    BPCDT     -20090716AAZ
 46   WBSF     BAY CITY MI              282.0  LIC    BLCDT     -20090622AFF
 46   WWHO     CHILLICOTHE OH           340.4  LIC    BLCDT     -20021025AAA
 46   WUPW     TOLEDO OH                225.7  APP    BPCDT     -20080619AJB
 46   WUPW     TOLEDO OH                225.7  LIC    BLCDT     -20030411AAF
 46   WDJT-TV  MILWAUKEE WI             222.6  CP MOD BMPCDT    -20000419ABR
 47   WTTW     CHICAGO IL               126.4  LIC    BLEDT     -20020408ABK
 45   WXIN     INDIANAPOLIS IN          189.7  APP    USERRECORD-01
 Proposal causes no interference

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


     Analysis of Interference to Affected Station  17


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   46      WHME-TV    SOUTH BEND IN             BPCDT     -20090716AAZ

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 45   WSNS-TV  CHICAGO IL               126.4  LIC    BLCDT     -20010612AIB
 45   WSNS-TV  CHICAGO IL               126.4  CP     BPCDT     -20080620AMW
 45   WXIN     INDIANAPOLIS IN          189.7  PLN    DTVPLN    -DTVP1608
 45   WLLA     KALAMAZOO MI             122.3  LIC    BLCDT     -20070529AEA
 46   WTVP     PEORIA IL                305.0  LIC    BLEDT     -20040105ACV
 46   WFIE     EVANSVILLE IN            428.2  CP     BPCDT     -20080620AGW
 46   WFIE     EVANSVILLE IN            428.2  LIC    BLCDT     -20050916ACR
 46   WHME-DR  SOUTH BEND IN              0.0  APP    BPRM      -20080619AET
 46   WBSF     BAY CITY MI              282.0  LIC    BLCDT     -20090622AFF
 46   WWHO     CHILLICOTHE OH           340.4  LIC    BLCDT     -20021025AAA
 46   WUPW     TOLEDO OH                225.7  APP    BPCDT     -20080619AJB
 46   WUPW     TOLEDO OH                225.7  LIC    BLCDT     -20030411AAF
 46   WDJT-TV  MILWAUKEE WI             222.6  CP MOD BMPCDT    -20000419ABR
 47   WTTW     CHICAGO IL               126.4  LIC    BLEDT     -20020408ABK
 45   WXIN     INDIANAPOLIS IN          189.7  APP    USERRECORD-01
 Proposal causes no interference

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


     Analysis of Interference to Affected Station  18


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   47      WBXI-CA    INDIANAPOLIS IN           BLTTL     -20000211AAQ

     Stations Potentially Affecting This Station
```

Figure 3

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WKOI-TV	RICHMOND IN	133.3	CP	BPCDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	133.3	LIC	BLCDT	-20050920ABV
39	WFXW	TERRE HAUTE IN	121.0	LIC	BLCDT	-20090618AAW
44	WDTI	INDIANAPOLIS IN	14.5	CP	BPEDT	-20080617AEQ
44	WDTI	INDIANAPOLIS IN	14.5	LIC	BLEDT	-20080519ABT
45	WXIN	INDIANAPOLIS IN	13.8	PLN	DTVPLN	-DTVP1608
46	WALV-CA	INDIANAPOLIS IN	17.8	CP	BDISTTA	-20081208AAT
47	WTTW	CHICAGO IL	265.4	LIC	BLEDT	-20020408ABK
47	WAVE	LOUISVILLE KY	158.2	LIC	BLCDT	-20030306ABQ
48	WTTV	BLOOMINGTON IN	40.3	LIC	BLCDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	40.3	APP	BPCDT	-20100324AAF
48	WTTV	BLOOMINGTON IN	40.3	CP MOD	BMPCDT	-20080619AKO
45	WXIN	INDIANAPOLIS IN	13.8	APP	USERRECORD	-01

Total scenarios = 3

Result key: 38
Scenario 1 Affected station 18
Before Analysis

Results for: 47N IN INDIANAPOLIS BLTTL 20000211AAQ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	889652	1244.7
not affected by terrain losses	889652	1244.7
lost to NTSC IX	135468	200.7
lost to additional IX by ATV	5563	6.9
lost to all IX	141031	207.6

Potential Interfering Stations Included in above Scenario 1

46N IN INDIANAPOLIS	BDISTTA	20081208AAT	CP
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP
47A KY LOUISVILLE	BLCDT	20030306ABQ	LIC
48A IN BLOOMINGTON	BLCDT	20060630ACD	LIC
45A IN INDIANAPOLIS	DTVPLN	DTVP1608	PLN

After Analysis

Results for: 47N IN INDIANAPOLIS BLTTL 20000211AAQ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	889652	1244.7
not affected by terrain losses	889652	1244.7
lost to NTSC IX	135468	200.7
lost to additional IX by ATV	5563	6.9
lost to all IX	141031	207.6

Potential Interfering Stations Included in above Scenario 1

46N IN INDIANAPOLIS	BDISTTA	20081208AAT	CP
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP
47A KY LOUISVILLE	BLCDT	20030306ABQ	LIC
48A IN BLOOMINGTON	BLCDT	20060630ACD	LIC
45A IN INDIANAPOLIS	USERRECORD01		APP

Figure 3

```
Percent new IX =    0.0000%

Result key:       39
Scenario        2  Affected station       18
Before Analysis

Results for: 47N IN INDIANAPOLIS         BLTTL     20000211AAQ  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      889652       1244.7
   not affected by terrain losses    889652       1244.7
   lost to NTSC IX                   135468        200.7
   lost to additional IX by ATV        5563          6.9
   lost to all IX                    141031        207.6

 Potential Interfering Stations Included in above Scenario     2

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
47A KY LOUISVILLE           BLCDT     20030306ABQ  LIC
48A IN BLOOMINGTON          BMPCDT    20080619AKO  CP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 47N IN INDIANAPOLIS         BLTTL     20000211AAQ  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      889652       1244.7
   not affected by terrain losses    889652       1244.7
   lost to NTSC IX                   135468        200.7
   lost to additional IX by ATV        5563          6.9
   lost to all IX                    141031        207.6

 Potential Interfering Stations Included in above Scenario     2

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
47A KY LOUISVILLE           BLCDT     20030306ABQ  LIC
48A IN BLOOMINGTON          BMPCDT    20080619AKO  CP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       40
Scenario        3  Affected station       18
Before Analysis

Results for: 47N IN INDIANAPOLIS         BLTTL     20000211AAQ  LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      889652       1244.7
   not affected by terrain losses    889652       1244.7
   lost to NTSC IX                   135468        200.7
   lost to additional IX by ATV        5563          6.9
   lost to all IX                    141031        207.6

 Potential Interfering Stations Included in above Scenario     3

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
```

Figure 3

```
44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
47A KY LOUISVILLE           BLCDT     20030306ABQ  LIC
48A IN BLOOMINGTON          BPCDT     20100324AAF  APP
45A IN INDIANAPOLIS         DTVPLN    DTVP1608     PLN

After Analysis

Results for: 47N IN INDIANAPOLIS         BLTTL     20000211AAQ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      889652       1244.7
   not affected by terrain losses    889652       1244.7
   lost to NTSC IX                   135468        200.7
   lost to additional IX by ATV        5563          6.9
   lost to all IX                    141031        207.6

 Potential Interfering Stations Included in above Scenario     3

46N IN INDIANAPOLIS         BDISTTA   20081208AAT  CP
44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
47A KY LOUISVILLE           BLCDT     20030306ABQ  LIC
48A IN BLOOMINGTON          BPCDT     20100324AAF  APP
45A IN INDIANAPOLIS         USERRECORD01           APP

Percent new IX =    0.0000%

Worst case new IX    0.0000% Scenario      1

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


     Analysis of Interference to Affected Station  19


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   45      WXIN       INDIANAPOLIS IN           USERRECORD-01

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 44   WDTI     INDIANAPOLIS IN            0.7  CP     BPEDT     -20080617AEQ
 44   WDTI     INDIANAPOLIS IN            0.7  LIC    BLEDT     -20080519ABT
 44   WKON     OWENTON KY               193.2  LIC    BLEDT     -20011121ABI
 44   WTLW     LIMA OH                  196.7  LIC    BLCDT     -20081209AAB
 45   WSNS-TV  CHICAGO IL               251.9  LIC    BLCDT     -20010612AIB
 45   WSNS-TV  CHICAGO IL               251.9  CP     BPCDT     -20080620AMW
 45   WEVV-TV  EVANSVILLE IN            250.9  LIC    BLCDT     -20080404ACD
 45   WDIV-TV  DETROIT MI               382.0  APP    BPCDT     -20090324ABD
 45   WDIV-TV  DETROIT MI               382.0  LIC    BLCDT     -20090624ABW
 45   WLLA     KALAMAZOO MI             303.8  LIC    BLCDT     -20070529AEA
 46   WHME-DR  SOUTH BEND IN            189.7  APP    BPRM      -20080619AET
 46   WHME-TV  SOUTH BEND IN            189.7  APP    BPCDT     -20090716AAZ

 Total scenarios =   2


Result key:       41
```

Figure 3

```
Scenario        1  Affected station       19
Before Analysis

Results for: 45A IN INDIANAPOLIS         USERRECORD01           APP
   HAAT  300.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2443793      25639.7
   not affected by terrain losses   2433389      25380.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       17669        177.0
   lost to ATV IX only                17669        177.0
   lost to all IX                     17669        177.0

 Potential Interfering Stations Included in above Scenario     1

44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
45A IL CHICAGO              BLCDT     20010612AIB  LIC
45A IN EVANSVILLE           BLCDT     20080404ACD  LIC

Result key:       42
Scenario        2  Affected station       19
Before Analysis

Results for: 45A IN INDIANAPOLIS         USERRECORD01           APP
   HAAT  300.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2443793      25639.7
   not affected by terrain losses   2433389      25380.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       17808        181.9
   lost to ATV IX only                17808        181.9
   lost to all IX                     17808        181.9

 Potential Interfering Stations Included in above Scenario     2

44A IN INDIANAPOLIS         BPEDT     20080617AEQ  CP
45A IL CHICAGO              BPCDT     20080620AMW  CP
45A IN EVANSVILLE           BLCDT     20080404ACD  LIC

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

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
```

APPENDIX

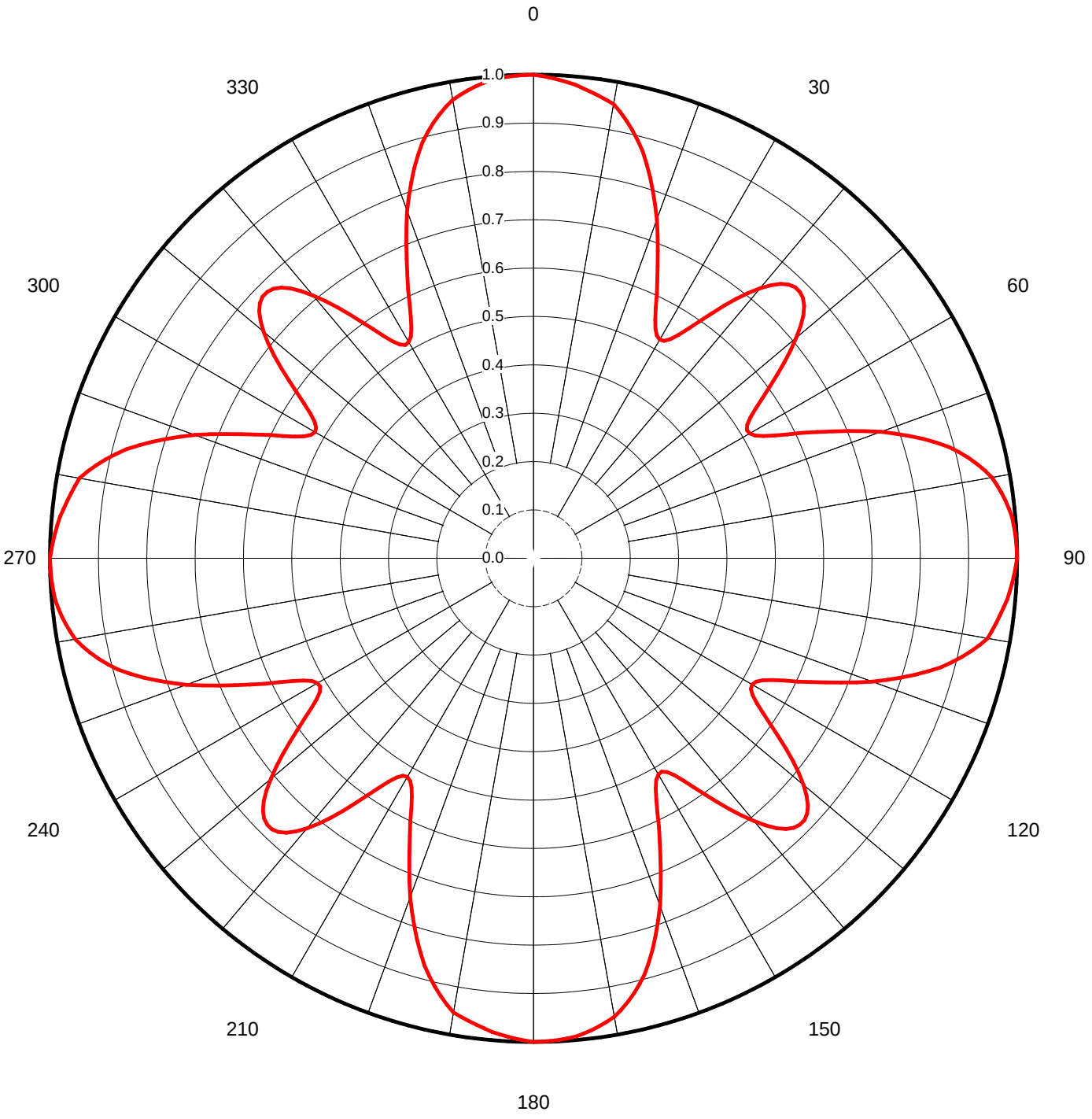
TRANSMITTING ANTENNA HORIZONTAL PLANE PATTERN

Dielectric

Proposal Number	**C-01851**		
Date	**27-Aug-07**		
Call Letters	**WXIN-DT**	Channel	**45**
Location	**Indianapolis, IN**		
Customer	**Tribune**		
Antenna Type	**TUM20-O4-12/48H-1-R-T**		

AZIMUTH PATTERN

Gain	**1.63**	**(2.12 dB)**	Frequency	**659.00 MHz**
Calculated / Measured		**Calculated**	Drawing #	**TUM20-O4-6590**



Dielectric

Proposal Number	**C-01851**		
Date	**27-Aug-07**		
Call Letters	**WXIN-DT**	Channel	**45**
Location	**Indianapolis, IN**		
Customer	**Tribune**		
Antenna Type	**TUM20-O4-12/48H-1-R-T**		

TABULATION OF AZIMUTH PATTERN

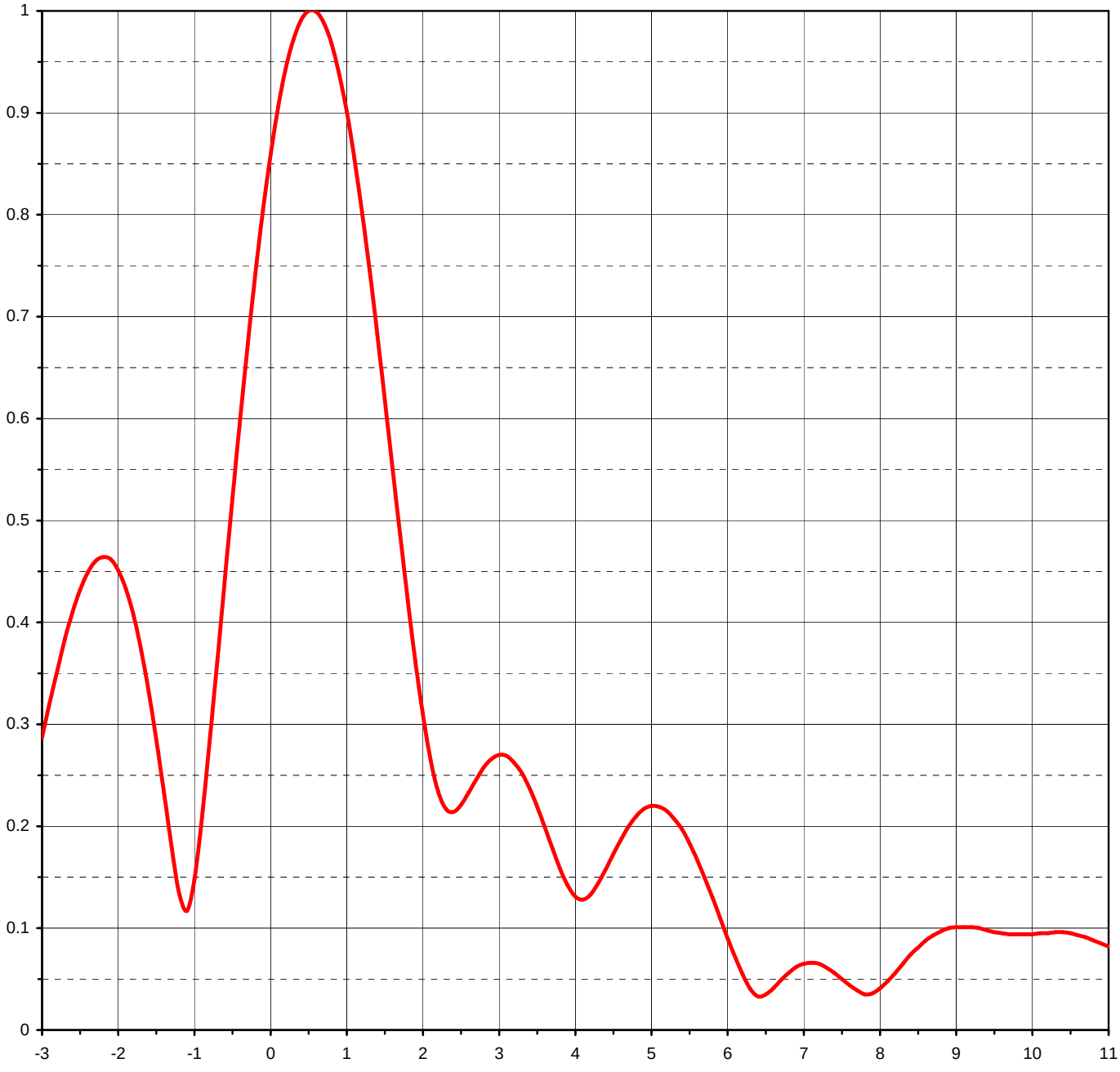
Azimuth Pattern Drawing #: **TUM20-O4-6590**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.779	90	1.000	135	0.779	180	1.000	225	0.779	270	1.000	315	0.779
1	0.997	46	0.775	91	0.997	136	0.775	181	0.997	226	0.775	271	0.997	316	0.775
2	0.994	47	0.765	92	0.994	137	0.765	182	0.994	227	0.765	272	0.994	317	0.765
3	0.991	48	0.751	93	0.991	138	0.751	183	0.991	228	0.751	273	0.991	318	0.751
4	0.987	49	0.732	94	0.987	139	0.732	184	0.987	229	0.732	274	0.987	319	0.732
5	0.983	50	0.709	95	0.983	140	0.709	185	0.983	230	0.709	275	0.983	320	0.709
6	0.977	51	0.685	96	0.977	141	0.685	186	0.977	231	0.685	276	0.977	321	0.685
7	0.972	52	0.658	97	0.972	142	0.658	187	0.972	232	0.658	277	0.972	322	0.658
8	0.966	53	0.631	98	0.966	143	0.631	188	0.966	233	0.631	278	0.966	323	0.631
9	0.960	54	0.604	99	0.960	144	0.604	189	0.960	234	0.604	279	0.960	324	0.604
10	0.954	55	0.578	100	0.954	145	0.578	190	0.954	235	0.578	280	0.954	325	0.578
11	0.940	56	0.554	101	0.940	146	0.554	191	0.940	236	0.554	281	0.940	326	0.554
12	0.925	57	0.535	102	0.925	147	0.535	192	0.925	237	0.535	282	0.925	327	0.535
13	0.908	58	0.521	103	0.908	148	0.521	193	0.908	238	0.521	283	0.908	328	0.521
14	0.890	59	0.515	104	0.890	149	0.515	194	0.890	239	0.515	284	0.890	329	0.515
15	0.871	60	0.516	105	0.871	150	0.516	195	0.871	240	0.516	285	0.871	330	0.516
16	0.848	61	0.524	106	0.848	151	0.524	196	0.848	241	0.524	286	0.848	331	0.524
17	0.824	62	0.538	107	0.824	152	0.538	197	0.824	242	0.538	287	0.824	332	0.538
18	0.799	63	0.559	108	0.799	153	0.559	198	0.799	243	0.559	288	0.799	333	0.559
19	0.772	64	0.584	109	0.772	154	0.584	199	0.772	244	0.584	289	0.772	334	0.584
20	0.746	65	0.614	110	0.746	155	0.614	200	0.746	245	0.614	290	0.746	335	0.614
21	0.716	66	0.642	111	0.716	156	0.642	201	0.716	246	0.642	291	0.716	336	0.642
22	0.686	67	0.672	112	0.686	157	0.672	202	0.686	247	0.672	292	0.686	337	0.672
23	0.657	68	0.702	113	0.657	158	0.702	203	0.657	248	0.702	293	0.657	338	0.702
24	0.629	69	0.734	114	0.629	159	0.734	204	0.629	249	0.734	294	0.629	339	0.734
25	0.603	70	0.764	115	0.603	160	0.764	205	0.603	250	0.764	295	0.603	340	0.764
26	0.577	71	0.792	116	0.577	161	0.792	206	0.577	251	0.792	296	0.577	341	0.792
27	0.554	72	0.818	117	0.554	162	0.818	207	0.554	252	0.818	297	0.554	342	0.818
28	0.537	73	0.843	118	0.537	163	0.843	208	0.537	253	0.843	298	0.537	343	0.843
29	0.526	74	0.867	119	0.526	164	0.867	209	0.526	254	0.867	299	0.526	344	0.867
30	0.522	75	0.889	120	0.522	165	0.889	210	0.522	255	0.889	300	0.522	345	0.889
31	0.524	76	0.907	121	0.524	166	0.907	211	0.524	256	0.907	301	0.524	346	0.907
32	0.534	77	0.923	122	0.534	167	0.923	212	0.534	257	0.923	302	0.534	347	0.923
33	0.551	78	0.938	123	0.551	168	0.938	213	0.551	258	0.938	303	0.551	348	0.938
34	0.573	79	0.951	124	0.573	169	0.951	214	0.573	259	0.951	304	0.573	349	0.951
35	0.598	80	0.963	125	0.598	170	0.963	215	0.598	260	0.963	305	0.598	350	0.963
36	0.625	81	0.970	126	0.625	171	0.970	216	0.625	261	0.970	306	0.625	351	0.970
37	0.653	82	0.977	127	0.653	172	0.977	217	0.653	262	0.977	307	0.653	352	0.977
38	0.681	83	0.983	128	0.681	173	0.983	218	0.681	263	0.983	308	0.681	353	0.983
39	0.706	84	0.988	129	0.706	174	0.988	219	0.706	264	0.988	309	0.706	354	0.988
40	0.729	85	0.993	130	0.729	175	0.993	220	0.729	265	0.993	310	0.729	355	0.993
41	0.748	86	0.995	131	0.748	176	0.995	221	0.748	266	0.995	311	0.748	356	0.995
42	0.763	87	0.997	132	0.763	177	0.997	222	0.763	267	0.997	312	0.763	357	0.997
43	0.774	88	0.998	133	0.774	178	0.998	223	0.774	268	0.998	313	0.774	358	0.998
44	0.779	89	0.999	134	0.779	179	0.999	224	0.779	269	0.999	314	0.779	359	0.999

Proposal Number	**C-01851**		
Date	**27-Aug-07**		
Call Letters	**WXIN-DT**	Channel	**45**
Location	**Indianapolis, IN**		
Customer	**Tribune**		
Antenna Type	**TUM20-O4-12/48H-1-R-T**		

ELEVATION PATTERN

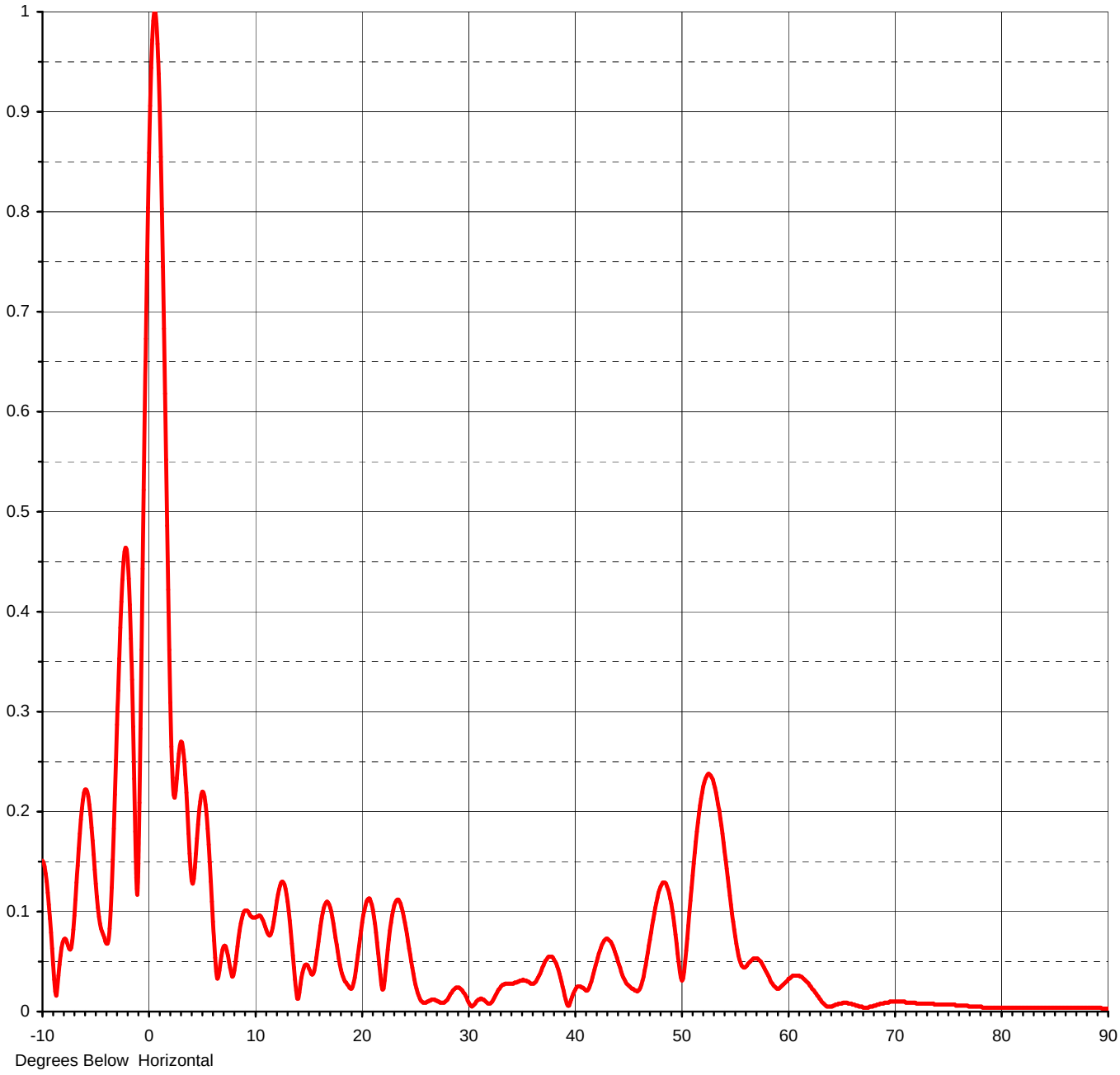
RMS Gain at Main Lobe	**23.41**	**(13.69 dB)**	
RMS Gain at Horizontal	**17.30**	**(12.38 dB)**	
Calculated / Measured	**Calculated**		
Beam Tilt	**0.50 deg**		
Frequency	**659.00 MHz**		
Drawing #	**12U234050**		



Proposal Number	**C-01851**		
Date	**27-Aug-07**		
Call Letters	**WXIN-DT**	Channel	**45**
Location	**Indianapolis, IN**		
Customer	**Tribune**		
Antenna Type	**TUM20-O4-12/48H-1-R-T**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**23.41**	**(13.69 dB)**	
RMS Gain at Horizontal	**17.30**	**(12.38 dB)**	
Calculated / Measured	**Calculated**		
Beam Tilt	**0.50 deg**		
Frequency	**659.00 MHz**		
Drawing #	**12U234050-90**		



Dielectric

Proposal Number	**C-01851**		
Date	**27-Aug-07**		
Call Letters	**WXIN-DT**	Channel	**45**
Location	**Indianapolis, IN**		
Customer	**Tribune**		
Antenna Type	**TUM20-O4-12/48H-1-R-T**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12U234050-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.151	2.4	0.214	10.6	0.095	30.5	0.006	51.0	0.124	71.5	0.009
-9.5	0.119	2.6	0.233	10.8	0.091	31.0	0.012	51.5	0.180	72.0	0.008
-9.0	0.047	2.8	0.258	11.0	0.085	31.5	0.012	52.0	0.219	72.5	0.008
-8.5	0.036	3.0	0.270	11.5	0.077	32.0	0.008	52.5	0.237	73.0	0.008
-8.0	0.072	3.2	0.262	12.0	0.104	32.5	0.014	53.0	0.232	73.5	0.008
-7.5	0.063	3.4	0.237	12.5	0.129	33.0	0.023	53.5	0.207	74.0	0.007
-7.0	0.096	3.6	0.199	13.0	0.117	33.5	0.028	54.0	0.169	74.5	0.007
-6.5	0.178	3.8	0.158	13.5	0.068	34.0	0.028	54.5	0.125	75.0	0.007
-6.0	0.222	4.0	0.131	14.0	0.013	34.5	0.029	55.0	0.082	75.5	0.007
-5.5	0.197	4.2	0.133	14.5	0.039	35.0	0.031	55.5	0.052	76.0	0.006
-5.0	0.128	4.4	0.158	15.0	0.046	35.5	0.031	56.0	0.044	76.5	0.006
-4.5	0.083	4.6	0.187	15.5	0.038	36.0	0.028	56.5	0.050	77.0	0.005
-4.0	0.068	4.8	0.210	16.0	0.070	36.5	0.032	57.0	0.053	77.5	0.005
-3.5	0.124	5.0	0.220	16.5	0.104	37.0	0.044	57.5	0.050	78.0	0.005
-3.0	0.287	5.2	0.215	17.0	0.107	37.5	0.054	58.0	0.040	78.5	0.004
-2.8	0.353	5.4	0.197	17.5	0.081	38.0	0.054	58.5	0.029	79.0	0.004
-2.6	0.410	5.6	0.167	18.0	0.047	38.5	0.042	59.0	0.023	79.5	0.004
-2.4	0.449	5.8	0.130	18.5	0.030	39.0	0.021	59.5	0.026	80.0	0.004
-2.2	0.464	6.0	0.090	19.0	0.023	39.5	0.006	60.0	0.031	80.5	0.004
-2.0	0.451	6.2	0.054	19.5	0.041	40.0	0.020	60.5	0.036	81.0	0.004
-1.8	0.407	6.4	0.033	20.0	0.081	40.5	0.025	61.0	0.036	81.5	0.004
-1.6	0.332	6.6	0.041	20.5	0.110	41.0	0.022	61.5	0.033	82.0	0.004
-1.4	0.233	6.8	0.056	21.0	0.107	41.5	0.027	62.0	0.028	82.5	0.004
-1.2	0.134	7.0	0.065	21.5	0.069	42.0	0.046	62.5	0.021	83.0	0.004
-1.0	0.148	7.2	0.065	22.0	0.022	42.5	0.064	63.0	0.013	83.5	0.004
-0.8	0.283	7.4	0.056	22.5	0.062	43.0	0.073	63.5	0.007	84.0	0.004
-0.6	0.443	7.6	0.044	23.0	0.101	43.5	0.068	64.0	0.005	84.5	0.004
-0.4	0.600	7.8	0.035	23.5	0.112	44.0	0.054	64.5	0.007	85.0	0.004
-0.2	0.742	8.0	0.041	24.0	0.095	44.5	0.037	65.0	0.008	85.5	0.004
0.0	0.859	8.2	0.056	24.5	0.063	45.0	0.027	65.5	0.009	86.0	0.004
0.2	0.944	8.4	0.074	25.0	0.032	45.5	0.023	66.0	0.007	86.5	0.004
0.4	0.991	8.6	0.088	25.5	0.013	46.0	0.021	66.5	0.006	87.0	0.004
0.6	0.999	8.8	0.097	26.0	0.009	46.5	0.035	67.0	0.004	87.5	0.004
0.8	0.968	9.0	0.101	26.5	0.011	47.0	0.066	67.5	0.004	88.0	0.004
1.0	0.901	9.2	0.101	27.0	0.011	47.5	0.098	68.0	0.006	88.5	0.004
1.2	0.803	9.4	0.098	27.5	0.009	48.0	0.122	68.5	0.007	89.0	0.004
1.4	0.683	9.6	0.095	28.0	0.011	48.5	0.129	69.0	0.009	89.5	0.003
1.6	0.552	9.8	0.094	28.5	0.019	49.0	0.113	69.5	0.010	90.0	0.003
1.8	0.422	10.0	0.094	29.0	0.024	49.5	0.077	70.0	0.010		
2.0	0.309	10.2	0.095	29.5	0.021	50.0	0.034	70.5	0.010		
2.2	0.234	10.4	0.096	30.0	0.011	50.5	0.061	71.0	0.009		