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DOCKET FILE COPY ORIGINAL

November 24, 2009

FILED/ACCEPTED

NOV 2 4 2009

Federal Communications Commission
Office of the Secretary

VIA HAND DELIVERY

Marlene H. Dortch, Secretary
Federal Communications Commission
Portals II, Filing Center, TW-A325
Washington, D.C. 20554

Re: Board of Trustees of Southern Illinois University (FRN 0005-9413-23)
Final DTV Table of Allotments
Vienna, Illinois
Petition for Rule Making

Dear Ms. Dortch

Enclosed herewith for filing, on behalf of our client, The Board of Trustees of Southern Illinois University, licensee of Station WSIU-DT, Carbondale, Illinois, are an original and four (4) copies of its **"PETITION FOR RULE MAKING"** in the above-referenced proceeding.

Please direct any inquiries or correspondence concerning this matter to the undersigned.

Very truly yours

Jerold L. Jacobs

Enc.

cc: Barbara A. Kreisman, Chief, Video Division **(FCC -- BY HAND – w/enc.)**

No. of Copies rec'd 0+4
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BEFORE THE

Federal Communications Commission

FILED/ACCEPTED

NOV 24 2009

Federal Communications Commission
Office of the Secretary

In the Matter of	)	
	)	
Amendment of Section 73.622(i),	)	RM-
Final DTV Table of Allotments,	)	
Television Broadcast Stations	)	
(Vienna, Illinois)	)	

To: Secretary, Federal Communications Commission
ATT: Chief, Video Division, Media Bureau

PETITION FOR RULE MAKING

THE BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY ("SIU"), licensee of Station WSIU-DT, Carbondale, Illinois, by its attorneys, pursuant to §1.401 of the Commission's Rules, hereby petitions the Commission to institute a rulemaking proceeding to amend the Final DTV Table of Allotments (§73.622(i) of the Commission's Rules) to add Channel *48 at Vienna, Illinois. In support whereof, SIU shows the following:

1. SIU has been operating Station WSIU-DT (DTV Channel 8) and its previous analog Station WSIU-TV in southern Illinois for almost 50 years. It is justifiably proud of its noncommercial educational television service and wishes to extend that service, via a separate full-power DTV station on DTV Channel 48, to additional portions of southern Illinois and surrounding areas in Kentucky and Missouri that do not currently have any PBS reception service or, at most, one PBS service. (WSIU-DT is in the Paducah, KY - Cape Girardeau, MO - Harrisburg, IL DMA -

- #79.) Therefore, in this petition, SIU proposes to add a first transmission service to the DTV Table of Allotments on Channel *48 at Vienna, Illinois.

2. Attached as an Exhibit is the Engineering Statement ("Statement") of Gregory Best, President of the consulting engineering firm of Greg Best Consulting, Inc., which fully demonstrates that allotting Channel *48 at Vienna, Illinois, using a Longley-Rice analysis, is predicted to cause acceptable interference less that 0.5% to potentially affected facilities in both the Final DTV Table of Allotments and the Commission's DTV CDBS database. The facility proposed in this Petition would operate with 800 kilowatts directional ERP at 454.5 meters AMSL at the geographic coordinates of 37-23-42 NL and 088-56-23 WL. Exhibit A of the Statement is a coverage prediction map, and Exhibit B is the results of an interference study conducted to determine potential interference. The interference study is very lengthy because it analyzes each potential interference condition that might occur and calculates whether the interference will take place.

3. Thus, SIU requests the following change in the Final DTV Table of Allotments:

	Channel Number	
City	**Present**	**Proposed**
Vienna, Illinois	--	*48

If the proposed allotment is made, SIU hereby indicates its intention to file a Form 340 application in any subsequently announced filing window for a construction permit for a new station at Vienna, Illinois.

WHEREFORE, in view of the foregoing, SIU respectfully requests that the Commission should issue a Notice of Proposed Rule Making in accordance with this Petition and its

accompanying Engineering Statement and should amend the Final DTV Table of Allotments as proposed herein.

Respectfully submitted,

BOARD OF TRUSTEES OF
SOUTHERN ILLINOIS UNIVERSITY

By _____
Jerold L. Jacobs

Cohn and Marks LLP
1920 N Street, N.W. Suite 300
Washington, D.C. 20036-1622
(202) 293-3860

Its Attorneys

Dated: November 24, 2009

GREG BEST
CONSULTING, INC.
9223 N. Manning Ave.
Kansas City, MO 64157
816-792-2913

November 24, 2009

The following engineering exhibits provide information regarding a new proposed DTV UHF transmission facility. Specifically, two attachments are provided to provide coverage information and results of a potential interference information.

The proposed DTV transmission facility consists of a new channel 48 transmitter and antenna. It is proposed to add channel 48 as a noncommercial license to the DTV Table of Allocations based upon the fact that this facility causes no interference and provides new service to the audience located within the coverage area. The proposed transmitter and antenna are located near the city of Vienna, IL at geographic coordinates 37-23-42 N, 088-56-23W (NAD27) and it could easily be identified as the city of license.

Coverage prediction (Attachment A) is based upon the FCC OET Longley-Rice Model used for DTV service. A study has been initiated that calculates the population that will receive a 41 dBu signal level or better, for the proposed service area contour. In this case, the impact of all other stations already broadcasting or authorized to be constructed are taken into account so the population receiving the signal is considered to be interference-free. The proposed new facility is located at the coordinates shown on the attached coverage map exhibit.

The other exhibit (Attachment B) consists of the results of an interference study conducted to determine potential interference from the new proposed DTV transmission facility. The study was executed using the FCC OET-69 Interference Methodology implemented on a SUN workstation. The FCC requires all such potential interference to be less than 0.5% additional interference to all existing stations, permittees, and applicants. As can be seen in the detailed output of the attachment, the predicted interference is below the 0.5% level and is classified as *de minimis* and therefore need not be taken into account. This study is very lengthy as it analyzes each potential interference condition that might occur and calculates whether the interference takes place.

Certification

I am a licensed professional engineer registered in multiple states and my credentials are a matter of FCC records. I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained herein are believed to be true and correct based on my personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me and be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.

Should you have any questions concerning this analysis, please contact me and I will be happy to help.

Sincerely,

Gregory L. Best, PE

President

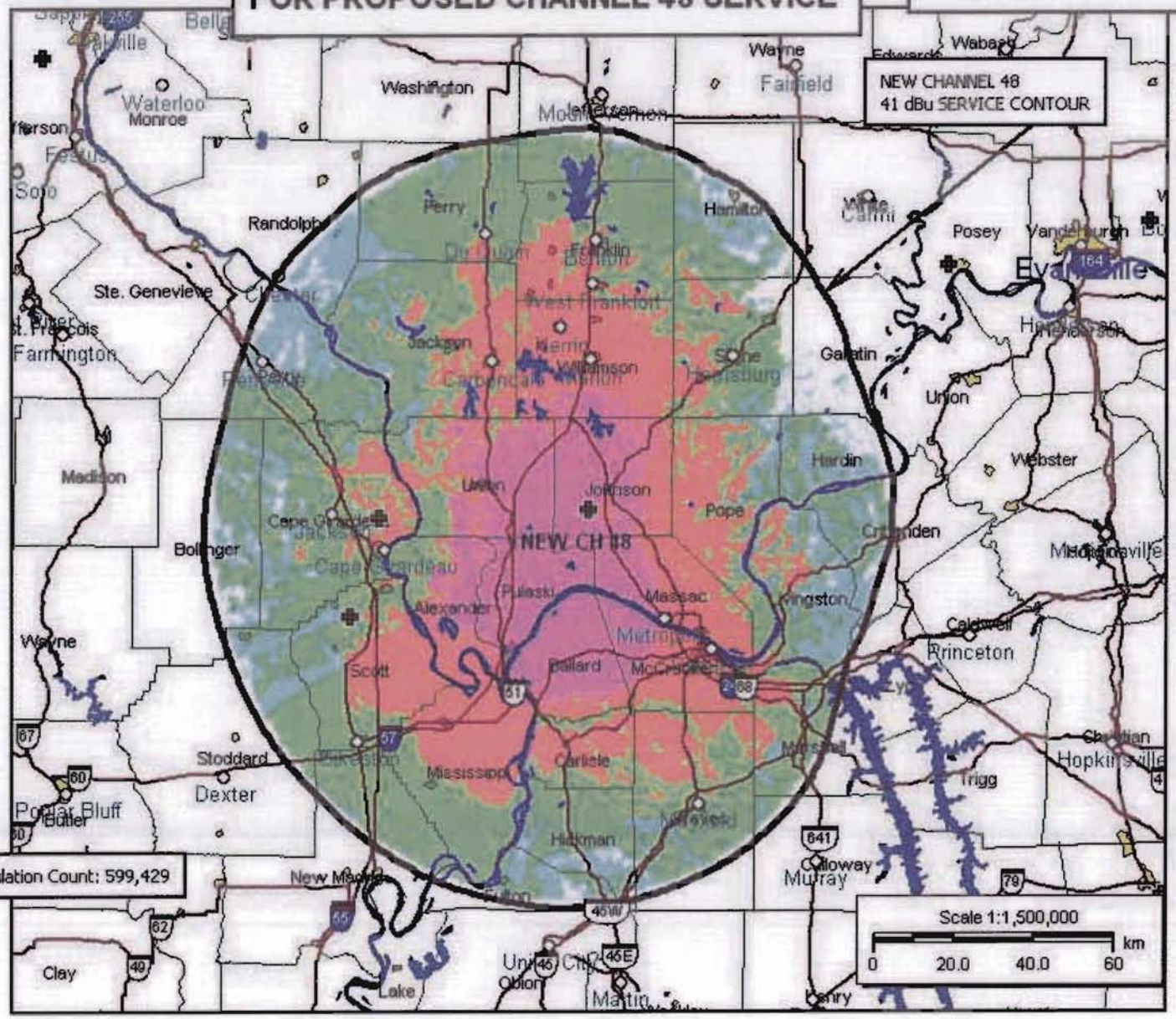
INTERFERENCE FREE COVERAGE MAP FOR PROPOSED CHANNEL 48 SERVICE

Greg Best Consulting, Inc.

NEW CH 48

Latitude: 37-23-42 N
Longitude: 088-56-23 W
ERP: 800.00 kW
Channel: 48
Frequency: 677.0 MHz
AMSL Height: 454.5 m
Elevation: 166.92 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 0.0
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 301.0
Receiver Ht AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 90.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

- > 100.0 dBu
- 80.0 - 100.0
- 60.0 - 80.0
- 41.0 - 60.0



Interference Free Population Count: 599,429

EXHIBIT A

EXHIBIT B

TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-23-2009 Time: 14:58:32

Record Selected for Analysis

NEW-48 USERRECORD-01 VIENNA IL US
Channel 48 ERP 1000. kW HAAT 159. m RCAMSL 00290 m
Latitude 037-23-42 Longitude 0088-56-23
Status APP Zone 2 Border
Dir Antenna Make usr Model C170 Beam tilt N Ref Azimuth 270.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	883.600	141.5	77.6
45.0	136.530	142.8	67.8
90.0	60.025	145.9	64.0
135.0	136.530	169.5	69.9
180.0	883.600	173.8	80.4
225.0	901.550	173.1	80.4
270.0	808.204	158.3	78.6
315.0	901.550	165.2	79.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

NEW-48 48 VIENNA IL USERRECORD01

and station

SHORT TO: WKGB-TV 48 BOWLING GREEN KY BLEDT 20020304ALH
037-05-22 0086-38- 5
Req. separation 223.7 Actual separation 207.3 Short 16.4 km

SHORT TO: WKGB-TV 48 BOWLING GREEN KY DTVPLN DTVP1707
37 -05-22 86 -38-05
Req. separation 223.7 Actual separation 207.3 Short 16.4 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

****

Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
48	NEW-48	VIENNA IL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
45	KCGI-CA	CAPE GIRARDEAU MO	52.3	LIC	BLTTL	-19940608IJ
47	WRBU	EAST ST. LOUIS IL	175.0	LIC	BLCDT	-20020510ABC
47	WRBU	EAST ST. LOUIS IL	175.0	PLN	DTVPLN	-DTVP1672
47	WRBU	EAST ST. LOUIS IL	175.0	CP	BPCDT	-20080620AGT
47	WLJT	LEXINGTON TN	190.4	PLN	DTVPLN	-DTVP1690
47	WLJT	LEXINGTON TN	190.4	CP MOD	BMPEDT	-20020426AAH
48	WAFF-DR	HUNTSVILLE AL	368.3	APP	BPRM	-20080620AOO
48	WAFF	HUNTSVILLE AL	368.3	PLN	DTVPLN	-DTVP1693
48	WAFF	HUNTSVILLE AL	368.3	CP	BPCDT	-20081216BKI
48	KVTJ-DT	JONESBORO AR	244.1	CP	BPCDT	-20080318ABM
48	KVTJ	JONESBORO AR	244.1	PLN	DTVPLN	-DTVP1695
48	WCIA	CHAMPAIGN IL	304.3	PLN	DTVPLN	-DTVP1705
48	WCIA	CHAMPAIGN IL	304.3	CP MOD	BMPCDT	-20050701ACC
48	WTTV	BLOOMINGTON IN	330.4	LIC	BLCDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	330.4	PLN	DTVPLN	-DTVP1706
48	WTTV	BLOOMINGTON IN	330.4	CP MOD	BMPCDT	-20080619AKO
48	WKGB-TV	BOWLING GREEN KY	206.8	LIC	BLEDT	-20020304ALH
48	WKGB-TV	BOWLING GREEN KY	206.8	PLN	DTVPLN	-DTVP1707
49	WDKA	PADUCAH KY	0.0	CP MOD	BMPCDT	-20080620AIQ
49	WDKA	PADUCAH KY	0.0	PLN	DTVPLN	-DTVP1740
49	K49FC	ST LOUIS MO	178.1	CP	BDFCDTA	-20080617ABB

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
45	KCGI-CA	CAPE GIRARDEAU MO	BLTTL	-19940608IJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
41	WKPD	PADUCAH KY	82.0	LIC	BLEDT	-20020304ALI
41	WKPD	PADUCAH KY	82.0	PLN	DTVPLN	-DTVP1471

45	WEVV-TV	EVANSVILLE IN	184.1	LIC	BLCDT	-20080404ACD
45	WEVV	EVANSVILLE IN	184.1	PLN	DTVPLN	-DTVP1609
45	W45CK	HUMBOLDT TN	181.6	APP	BSTA	-20080625ABY
47	WRBU	EAST ST. LOUIS IL	140.8	LIC	BLCDT	-20020510ABC
47	WRBU	EAST SI. LOUIS IL	140.8	PLN	DTVPLN	-DTVP1672
47	WRBU	EAST ST. LOUIS IL	140.8	CP	BPCDT	-20080620AGT
49	WDKA	PADUCAH KY	52.3	CP MOD	BMPCDT	-20080620AIQ
49	WDKA	PADUCAH KY	52.3	PLN	DTVPLN	-DTVP1740
48	NEW-48	VIENNA IL	52.3	APP	USERRECORD-01	

Proposal causes no interference

##

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WRBU	EAST ST. LOUIS IL	BLCDT	-20020510ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WAVE	LOUISVILLE KY	405.8	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	405.8	PLN	DTVPLN	-DTVP1673
47	KSMO-TV	KANSAS CITY MO	354.1	CP MOD	BMPCDT	-20010706AAE
47	KSMO-TV	KANSAS CITY MO	354.1	PLN	DTVPLN	-DTVP1677
47	WLJT	LEXINGTON TN	342.1	PLN	DTVPLN	-DTVP1690
47	WLJT	LEXINGTON TN	342.1	CP MOD	BMPEDT	-20020426AAH
48	NEW-48	VIENNA IL	175.0	APP	USERRECORD-01	

Proposal causes no interference

##

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WRBU	EAST ST. LOUIS IL	DTVPLN	-DTVP1672

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WAVE	LOUISVILLE KY	405.8	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	405.8	PLN	DTVPLN	-DTVP1673
47	KSMO-TV	KANSAS CITY MO	354.1	CP MOD	BMPCDT	-20010706AAE
47	KSMO-TV	KANSAS CITY MO	354.1	PLN	DTVPLN	-DTVP1677
47	WLJT	LEXINGTON TN	342.1	PLN	DTVPLN	-DTVP1690
47	WLJT	LEXINGION TN	342.1	CP MOD	BMPEDT	-20020426AAH
48	NEW-48	VIENNA IL	175.0	APP	USERRECORD-01	

Proposal causes no interference

##

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WRBU	EAST ST. LOUIS IL	BPCDT	-20080620AGT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.

47	WAVE	LOUISVILLE KY	405.8	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	405.8	PLN	DTVPLN	-DTVP1673
47	KSMO-TV	KANSAS CITY MO	354.1	CP MOD	BMPCDT	-20010706AAE
47	KSMO-TV	KANSAS CITY MO	354.1	PLN	DTVPLN	-DTVP1677
47	WLJT	LEXINGTON TN	342.1	PLN	DTVPLN	-DTVP1690
47	WLJT	LEXINGTON TN	342.1	CP MOD	BMPEDT	-20020426AAH
48	NEW-48	VIENNA IL	175.0	APP	USERRECORD-01	

Proposal causes no interference

##

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WLJT	LEXINGTON TN	DTVPLN	-DTVP1690

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WHNT-TV	HUNTSVILLE AL	216.4	CP	BPCDT	-20090313ABX
46	WHNT-TV	HUNTSVILLE AL	216.4	PLN	DTVPLN	-DTVP1633
46	WHNT-DR	HUNTSVILLE AL	216.4	APP	BPRM	-20080619ALW
47	WRBU	EAST ST. LOUIS IL	342.1	LIC	BLCDT	-20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1	PLN	DTVPLN	-DTVP1672
47	WRBU	EAST ST. LOUIS IL	342.1	CP	BPCDT	-20080620AGT
47	WAVE	LOUISVILLE KY	385.1	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	385.1	PLN	DTVPLN	-DTVP1673
48	WAFF-DR	HUNTSVILLE AL	217.8	APP	BPRM	-20080620AOO
48	WAFF	HUNTSVILLE AL	217.8	PLN	DTVPLN	-DTVP1693
48	WAFF	HUNTSVILLE AL	217.8	CP	BPCDT	-20081216BKI
48	KVTJ-DT	JONESBORO AR	173.7	CP	BPCDT	-20080318ABM
48	KVTJ	JONESBORO AR	173.7	PLN	DTVPLN	-DTVP1695
48	NEW-48	VIENNA IL	190.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WLJT	LEXINGTON TN	BMPEDT	-20020426AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WHNT-TV	HUNTSVILLE AL	216.4	CP	BPCDT	-20090313ABX
46	WHNT-TV	HUNTSVILLE AL	216.4	PLN	DTVPLN	-DTVP1633
46	WHNT-DR	HUNTSVILLE AL	216.4	APP	BPRM	-20080619ALW
47	WRBU	EAST ST. LOUIS IL	342.1	LIC	BLCDT	-20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1	PLN	DTVPLN	-DTVP1672
47	WRBU	EAST ST. LOUIS IL	342.1	CP	BPCDT	-20080620AGT
47	WAVE	LOUISVILLE KY	385.1	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	385.1	PLN	DTVPLN	-DTVP1673
48	WAFF-DR	HUNTSVILLE AL	217.8	APP	BPRM	-20080620AOO
48	WAFF	HUNTSVILLE AL	217.8	PLN	DTVPLN	-DTVP1693
48	WAFF	HUNTSVILLE AL	217.8	CP	BPCDT	-20081216BKI
48	KVTJ-DT	JONESBORO AR	173.7	CP	BPCDT	-20080318ABM
48	KVTJ	JONESBORO AR	173.7	PLN	DTVPLN	-DTVP1695
48	NEW-48	VIENNA IL	190.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WAFF-DR	HUNTSVILLE AL	BPRM	-20080620AOO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WLJT	LEXINGTON TN	217.8	PLN	DTVPLN	-DTVP1690
47	WLJT	LEXINGTON TN	217.8	CP MOD	BMPEDT	-20020426AAH
48	WAFF	HUNTSVILLE AL	0.0	PLN	DTVPLN	-DTVP1693
48	WAFF	HUNTSVILLE AL	0.0	CP	BPCDT	-20081216BKI
48	WRJM-TV	TROY AL	299.6	CP	BPCDT	-19991101AKR
48	WRJM-TV	TROY AL	299.6	PLN	DTVPLN	-DTVP1694
48	KVTJ-DT	JONESBORO AR	375.6	CP	BPCDT	-20080318ABM
48	KVTJ	JONESBORO AR	375.6	PLN	DTVPLN	-DTVP1695
48	WFBD	DESTIN FL	413.1	PLN	DTVPLN	-DTVP1701
48	WFBD	DESTIN FL	413.1	LIC	BLCDT	-20050906AAT
48	WUVG-DT	ATHENS GA	225.3	LIC	BLCDT	-20030805AJO
48	WUVG-TV	ATHENS GA	225.3	PLN	DTVPLN	-DTVP1704
48	WKGB-TV	BOWLING GREEN KY	264.5	LIC	BLEDT	-20020304ALH
48	WKGB-TV	BOWLING GREEN KY	264.5	PLN	DTVPLN	-DTVP1707
48	WVLR	TAZEWELL TN	314.3	PLN	DTVPLN	-DTVP1718
48	WVLR	TAZEWELL TN	314.3	CP MOD	BMPCDT	-20080925AEP
49	960920LX	TUPELO MS	205.3	APP	BMPCDT	-20090205ABM
48	NEW-48	VIENNA IL	368.3	APP	USERRECORD-01	

Total scenarios = 64

Result key: 1
Scenario 1 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 1

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0

```
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     1

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        2
Scenario        2  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                     POPULATION   AREA (sq km)
   within Noise Limited Contour      1437290      36701.6
   not affected by terrain losses    1348683      33679.3
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV      1200572      27119.7
   lost to ATV IX only               1200572      27119.7
   lost to all IX                    1200572      27119.7

 Potential Interfering Stations Included in above Scenario     2

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             BMPCDT    20080925AEP  CP

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                     POPULATION   AREA (sq km)
   within Noise Limited Contour      1437290      36701.6
   not affected by terrain losses    1348683      33679.3
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV      1200572      27119.7
   lost to ATV IX only               1200572      27119.7
   lost to all IX                    1200572      27119.7

 Potential Interfering Stations Included in above Scenario     2

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             BMPCDT    20080925AEP  CP
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        3
Scenario        3  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                     POPULATION   AREA (sq km)
   within Noise Limited Contour      1437290      36701.6
```

not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 3

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 3

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4
Scenario 4 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 4

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	BMPCDT	20080925AEP	CP

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7

```
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     4

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        5
Scenario        5  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     5

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     5

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        6
Scenario        6  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
```

lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 6

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 6

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7
Scenario 7 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 7

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7

```
   lost to all IX                    1200572      27119.7

 Potential Interfering Stations Included in above Scenario     7

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        8
Scenario        8  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     8

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     8

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:        9
Scenario        9  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
```

```
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     9

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario     9

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       10
Scenario       10  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    10

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             BMPCDT    20080925AEP  CP

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7
```

Potential Interfering Stations Included in above Scenario 10

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11
Scenario 11 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 11

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 11

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12
Scenario 12 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7

lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 12

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL IROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	BMPCDT	20080925AEP	CP

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 12

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	BMPCDT	20080925AEP	CP
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 13
Scenario 13 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 13

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 13

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 14
Scenario 14 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 14

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 14

48A AL HUNTSVILLE	DTVPLN	DTVP1693	PLN
48A AL TROY	DTVPLN	DTVP1694	PLN
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 15
Scenario 15 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7

```
   lost to all IX                    1200572      27119.7

 Potential Interfering Stations Included in above Scenario    15

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    15

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       16
Scenario       16  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    16

48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    16
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48A AL HUNTSVILLE           DTVPLN    DTVP1693     PLN
48A AL TROY                 DTVPLN    DTVP1694     PLN
48A GA ATHENS               DTVPLN    DTVP1704     PLN
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       17
Scenario       17  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    17

48A AL HUNTSVILLE           BPCDT     20081216BKI  CP
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    17

48A AL HUNTSVILLE           BPCDT     20081216BKI  CP
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        BLEDT     20020304ALH  LIC
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       18
Scenario       18  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7
```

Potential Interfering Stations Included in above Scenario 18

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 18

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 19
Scenario 19 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 19

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	BLCDT	20030805AJO	LIC
48A KY BOWLING GREEN	DTVPLN	DTVP1707	PLN
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 19

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48A AL HUNTSVILLE           BPCDT     20081216BKI  CP
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             DTVPLN    DTVP1718     PLN
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       20
Scenario       20  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    20

48A AL HUNTSVILLE           BPCDT     20081216BKI  CP
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP

After Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7

 Potential Interfering Stations Included in above Scenario    20

48A AL HUNTSVILLE           BPCDT     20081216BKI  CP
48A AL TROY                 BPCDT     19991101AKR  CP
48A GA ATHENS               BLCDT     20030805AJO  LIC
48A KY BOWLING GREEN        DTVPLN    DTVP1707     PLN
48A TN TAZEWELL             BMPCDT    20080925AEP  CP
48A IL VIENNA               USERRECORD01           APP

Percent new IX =    0.0000%

Result key:       21
Scenario       21  Affected station        7
Before Analysis

Results for: 48A AL HUNTSVILLE           BPRM      20080620AOO  APP
   HAAT  576.0 m, ATV ERP  356.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1437290      36701.6
   not affected by terrain losses   1348683      33679.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV     1200572      27119.7
   lost to ATV IX only              1200572      27119.7
   lost to all IX                   1200572      27119.7
```

Potential Interfering Stations Included in above Scenario 21

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 21

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	DTVPLN	DTVP1718	PLN
48A IL VIENNA	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 22
Scenario 22 Affected station 7
Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 22

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP
48A AL TROY	BPCDT	19991101AKR	CP
48A GA ATHENS	DTVPLN	DTVP1704	PLN
48A KY BOWLING GREEN	BLEDT	20020304ALH	LIC
48A TN TAZEWELL	BMPCDT	20080925AEP	CP

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
HAAT 576.0 m, ATV ERP 356.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1437290	36701.6
not affected by terrain losses	1348683	33679.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1200572	27119.7
lost to ATV IX only	1200572	27119.7
lost to all IX	1200572	27119.7

Potential Interfering Stations Included in above Scenario 22

48A AL HUNTSVILLE	BPCDT	20081216BKI	CP