

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-02-2007 Time: 12:05:38

Record Selected for Analysis

WNKY USERRECORD-01 BOWLING GREEN KY US  
 Channel 16 ERP 120. kW HAAT 172. m RCAMSL 00367 m  
 Latitude 037-02-04 Longitude 0086-10-41  
 Status APP Zone 2 Border  
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
 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	30.000	166.5	62.3
45.0	29.403	164.1	62.0
90.0	120.000	150.0	67.7
135.0	29.403	157.0	61.5
180.0	30.000	180.6	63.3
225.0	29.403	193.6	64.1
270.0	120.000	190.6	70.8
315.0	29.403	176.7	62.9

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

## SPACING VIOLATION FOUND BETWEEN STATION

WNKY 16 BOWLING GREEN KY USERRECORD01

and station

SHORT TO: WZTV 15 NASHVILLE TN BLCDT 20050309ACM  
 036-15-50 0086-47-39  
 Req. separation => 24.0 <= 110.0 Actual separation 101.7 Short 8.3( 77.7) km

SHORT TO: WKNT-DT 16 BOWLING GREEN KY DTVPLN DTVP0220  
 37-02-10 86-10-20  
 Req. separation 223.7 Actual separation 0.6 Short 223.1 km

SHORT TO: WNKY 16 BOWLING GREEN KY BMPCDT 20041105AZO  
 037-02- 3 0086-10-40  
 Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: WZTV 17 NASHVILLE TN BPCT 20010529ABM  
 036-15-50 0086-47-39  
 Req. separation => 12.0 <= 106.0 Actual separation 101.7 Short 4.3( 89.7) km

SHORT TO: WKZT-TV 23 ELIZABETHTOWN KY BLET 19830404KF  
 037-40-55 0085-50-32  
 Req. separation => 24.1 <= 96.6 Actual separation 77.8 Short 18.8( 53.7) km

## LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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## Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
16	WNKY	BOWLING GREEN KY	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WKPC-TV	LOUISVILLE KY	151.2	LIC	BLET	-19981105KE
15	WZTV-DT	NASHVILLE TN	116.7	PLN	DTVPLN	-DTVP0192
15	WZTV	NASHVILLE TN	101.8	LIC	BLCDT	-20050309ACM
16	WELF-TV	DALTON GA	242.3	LIC	BLCDT	-20060301ADC
16	WELF-DT	DALTON GA	242.3	PLN	DTVPLN	-DTVP0211
16	WUSI-TV	OLNEY IL	263.6	LIC	BMLET	-20030515AAM
16	WHMB-DT	INDIANAPOLIS IN	317.9	PLN	DTVPLN	-DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	317.9	LIC	BLCDT	-20060619AAG
16	WKHA-DT	HAZARD KY	265.6	PLN	DTVPLN	-DTVP0221
16	WPTD	DAYTON OH	342.6	LIC	BLET	-19920807KG
16	WJKT	JACKSON TN	296.0	LIC	BLCT	-19920224KF
17	WKPC-DT	LOUISVILLE KY	151.2	PLN	DTVPLN	-DTVP0262
17	WZTV	NASHVILLE TN	101.8	CP	BPCT	-20010529ABM
17	WZTV	NASHVILLE TN	116.7	LIC	BLCT	-19920924KF
19	WAZE-TV	MADISONVILLE KY	126.5	LIC	BLCT	-19921030KF
23	WKZT-TV	ELIZABETHTOWN KY	77.8	LIC	BLET	-19830404KF
24	WKYU-TV	BOWLING GREEN KY	23.0	LIC	BMLET	-20040921ADS
24	WJDE-LP	NASHVILLE TN	109.9	LIC	BLTTA	-20001208AEY

[illegible]

## Analysis of Interference to Affected Station 1

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	WKPCTV	LOUISVILLE KY	DTVPLN	-NPLN0923

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTIU-DT	BLOOMINGTON IN	103.6	PLN	DTVPLN	-DTVP0128
14	WFIETV	EVANSVILLE IN	156.9	PLN	DTVPLN	-NPLN0887
14	WKSO-DT	SOMERSET KY	160.1	PLN	DTVPLN	-DTVP0130
14	WPTO	OXFORD OH	158.2	PLN	DTVPLN	-NPLN0898
15	WICD	CHAMPAIGN IL	260.6	PLN	DTVPLN	-NPLN0920
15	WSEC-DT	JACKSONVILLE IL	404.6	PLN	DTVPLN	-DTVP0168
15	WANETV	FORT WAYNE IN	308.1	PLN	DTVPLN	-NPLN0921
15	WKMR-DT	MOREHEAD KY	212.8	PLN	DTVPLN	-DTVP0169
15	WKOPTV	KNOXVILLE TN	311.4	PLN	DTVPLN	-NPLN0934
15	WZTV-DT	NASHVILLE TN	263.8	PLN	DTVPLN	-DTVP0192
15	WTAPTV	PARKERSBURG WV	385.0	PLN	DTVPLN	-NPLN0943
16	WUSITV	OLNEY IL	206.4	PLN	DTVPLN	-NPLN0950
16	WHMB-DT	INDIANAPOLIS IN	172.8	PLN	DTVPLN	-DTVP0217
16	WKNT-DT	BOWLING GREEN KY	151.0	PLN	DTVPLN	-DTVP0220
16	WPTD	DAYTON OH	203.2	PLN	DTVPLN	-NPLN0960
17	WKPC-DT	LOUISVILLE KY	0.0	PLN	DTVPLN	-DTVP0262
18	WLEXTV	LEXINGTON KY	122.1	PLN	DTVPLN	-NPLN1019
19	WGRB-DT	CAMPBELLSVILLE KY	141.0	PLN	DTVPLN	-DTVP0354
19	WXIXTV	NEWPORT KY	139.4	PLN	DTVPLN	-NPLN1044
22	WVUT	VINCENNES IN	146.6	PLN	DTVPLN	-NPLN1142
22	WLEX-DT	LEXINGTON KY	122.1	PLN	DTVPLN	-DTVP0483
22	WKEF	DAYTON OH	202.5	PLN	DTVPLN	-NPLN1150
23	WKZTTV	ELIZABETHTOWN KY	76.2	PLN	DTVPLN	-NPLN1175
29	WXIX-DT	NEWPORT KY	139.4	PLN	DTVPLN	-DTVP0744
29	WKSOTV	SOMERSET KY	160.1	PLN	DTVPLN	-NPLN1357
30	WTIU	BLOOMINGTON IN	103.6	PLN	DTVPLN	-NPLN1381

Results for: 15N KY LOUISVILLE	DTVPLN	NPLN0923	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1299983	13948.4	
not affected by terrain losses	1291397	13593.4	
lost to NTSC IX	8092	318.7	
lost to additional IX by ATV	3660	169.4	
lost to all IX	11752	488.1	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WKPC-TV	LOUISVILLE KY	BLET	-19981105KE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTIU	BLOOMINGTON IN	103.6	LIC	BLEDT	-20030925AVS
14	WTIU-DT	BLOOMINGTON IN	103.6	PLN	DTVPLN	-DTVP0128
14	WFIE	EVANSVILLE IN	156.8	LIC	BLCT	-20031223ABA
14	WKSO-DT	SOMERSET KY	160.1	PLN	DTVPLN	-DTVP0130
14	WPTO	OXFORD OH	158.2	LIC	BMLET	-19860925KF
15	WHDF	FLORENCE AL	391.6	LIC	BLCT	-20050902ABG
15	WICD	CHAMPAIGN IL	260.6	LIC	BLCT	-19821101KG
15	WSEC	JACKSONVILLE IL	389.1	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	404.6	PLN	DTVPLN	-DTVP0168
15	WANE-TV	FORT WAYNE IN	308.2	LIC	BLCT	-20020326AAR
15	WKMR-DT	MOREHEAD KY	212.8	PLN	DTVPLN	-DTVP0169
15	WKOP-TV	KNOXVILLE TN	311.4	LIC	BLET	-19900829KE
15	WZTV-DT	NASHVILLE TN	263.8	PLN	DTVPLN	-DTVP0192
15	WZTV	NASHVILLE TN	248.8	LIC	BLCDDT	-20050309ACM
15	WTAP-TV	PARKERSBURG WV	385.0	LIC	BLCT	-20040416ACM
16	WUSI-TV	OLNEY IL	206.4	LIC	BMLET	-20030515AAM
16	WHMB-DT	INDIANAPOLIS IN	172.8	PLN	DTVPLN	-DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	172.8	LIC	BLCDDT	-20060619AAG
16	WKNT-DT	BOWLING GREEN KY	150.9	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	151.2	CP MOD	BMPCDT	-20041105AZO
16	WPTD	DAYTON OH	203.2	LIC	BLET	-19920807KG
17	WKPC-DT	LOUISVILLE KY	0.0	PLN	DTVPLN	-DTVP0262
18	WLEX-TV	LEXINGTON KY	122.1	LIC	BLCT	-19850221KF
19	WGRB-DT	CAMPBELLSVILLE KY	140.9	PLN	DTVPLN	-DTVP0354
19	WBKI-TV	CAMPBELLSVILLE KY	98.9	CP	BPCDDT	-19991101AKV
19	WXIX-TV	NEWPORT KY	139.4	LIC	BLCT	-19851107KH
22	WVUT	VINCENNES IN	146.6	LIC	BLET	-344
22	WLEX-DT	LEXINGTON KY	122.1	PLN	DTVPLN	-DTVP0483
22	WKEF	DAYTON OH	202.6	LIC	BLCT	-2584
23	WKZT-TV	ELIZABETHTOWN KY	76.1	LIC	BLET	-19830404KF
29	WXIX-DT	NEWPORT KY	139.4	PLN	DTVPLN	-DTVP0744
29	WKSO-TV	SOMERSET KY	160.1	LIC	BLET	-19830725KM
30	WTIU	BLOOMINGTON IN	103.6	LIC	BLET	-20020919ABC
16	WNKY	BOWLING GREEN KY	151.2	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 2

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	WZTV-DT	NASHVILLE TN	DTVPLN	-DTVP0192

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WOWL-DT	FLORENCE AL	192.2	PLN	DTVPLN	-DTVP0121
14	WFIETV	EVANSVILLE IN	202.6	PLN	DTVPLN	-NPLN0887
14	WKSO-DT	SOMERSET KY	214.8	PLN	DTVPLN	-DTVP0130
15	WOWLTV	FLORENCE AL	192.2	PLN	DTVPLN	-NPLN0912
15	WKPCTV	LOUISVILLE KY	263.8	PLN	DTVPLN	-NPLN0923
15	WKMR-DT	MOREHEAD KY	381.0	PLN	DTVPLN	-DTVP0169
15	KPOBTv	POPLAR BLUFF MO	328.8	PLN	DTVPLN	-NPLN0926
15	WKOPTV	KNOXVILLE TN	263.3	PLN	DTVPLN	-NPLN0934
16	WELF-DT	DALTON GA	188.3	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	117.2	PLN	DTVPLN	-DTVP0220
16	WMTU	JACKSON TN	205.1	PLN	DTVPLN	-NPLN0969

Results for: 15A TN NASHVILLE      DTVPLN      DTVP0192      PLN

HAAT 354.0 m, ATV ERP 122.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1685963	24730.4
not affected by terrain losses	1680413	24354.2
lost to NTSC IX	6451	424.2
lost to additional IX by ATV	3751	140.1
lost to ATV IX only	4341	168.1
lost to all IX	10202	564.3

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
17	WZTV	NASHVILLE TN	DTVPLN	-NPLN1003

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WZTV-DT	NASHVILLE TN	0.0	PLN	DTVPLN	-DTVP0192
16	WELF-DT	DALTON GA	188.3	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	117.2	PLN	DTVPLN	-DTVP0220
16	WMTU	JACKSON TN	205.1	PLN	DTVPLN	-NPLN0969
17	WDBB	BESSEMER AL	299.7	PLN	DTVPLN	-NPLN0977
17	WTBS	ATLANTA GA	345.8	PLN	DTVPLN	-NPLN0983
17	WTCT-DT	MARION IL	248.2	PLN	DTVPLN	-DTVP0258
17	WKPC-DT	LOUISVILLE KY	263.8	PLN	DTVPLN	-DTVP0262
17	WKOP-DT	KNOXVILLE TN	263.3	PLN	DTVPLN	-DTVP0282
18	WKYU-DT	BOWLING GREEN KY	109.6	PLN	DTVPLN	-DTVP0306
21	WUXP-DT	NASHVILLE TN	15.1	PLN	DTVPLN	-DTVP0457
24	WKYUTV	BOWLING GREEN KY	109.6	PLN	DTVPLN	-NPLN1209
31	WAAYTV	HUNTSVILLE AL	158.8	PLN	DTVPLN	-NPLN1398
31	WKOH	OWENSBORO KY	194.6	PLN	DTVPLN	-NPLN1406

Results for: 17N TN NASHVILLE                      DTVPLN      NPLN1003      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1685943	24726.4
not affected by terrain losses	1669523	23817.8
lost to NTSC IX	2025	72.0
lost to additional IX by ATV	8558	332.2
lost to all IX	10583	404.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WZTV-DT	NASHVILLE TN	DTVPLN	-DTVP0192

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WHDF	FLORENCE AL	128.9	LIC	BLC DT	-20051206AAB
14	WOWL-DT	FLORENCE AL	192.2	PLN	DTVPLN	-DTVP0121
14	WFIE	EVANSVILLE IN	202.6	LIC	BLCT	-20031223ABA
14	WKSO-DT	SOMERSET KY	214.8	PLN	DTVPLN	-DTVP0130
15	WHDF	FLORENCE AL	128.9	LIC	BLCT	-20050902ABG
15	WKPC-TV	LOUISVILLE KY	263.8	LIC	BLET	-19981105KE
15	WKMR-DT	MOREHEAD KY	381.0	PLN	DTVPLN	-DTVP0169
15	KPOB-TV	POPLAR BLUFF MO	328.8	LIC	BLCT	-19960830KF
15	WKOP-TV	KNOXVILLE TN	263.3	LIC	BLET	-19900829KE
16	WELF-TV	DALTON GA	188.3	LIC	BLC DT	-20060301ADC
16	WELF-DT	DALTON GA	188.3	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	117.2	PLN	DTVPLN	-DTVP0220
16	WJKT	JACKSON TN	205.1	LIC	BLCT	-19920224KF
16	WNKY	BOWLING GREEN KY	116.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1  
 Scenario 1 Affected station 2  
 Before Analysis

Results for: 15A TN NASHVILLE                      DTVPLN      DTVP0192      PLN

HAAT 354.0 m, ATV ERP 122.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1685963	24730.4
not affected by terrain losses	1680413	24354.2
lost to NTSC IX	17334	820.5
lost to additional IX by ATV	3759	140.1
lost to ATV IX only	4400	176.1
lost to all IX	21093	960.6

Potential Interfering Stations Included in above Scenario 1

15N AL FLORENCE	BLCT	20050902ABG	LIC
15N KY LOUISVILLE	BLET	19981105KE	LIC
15N MO POPLAR BLUFF	BLCT	19960830KF	LIC
15N TN KNOXVILLE	BLET	19900829KE	LIC
14A AL FLORENCE	BLCDDT	20051206AAB	LIC
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

After Analysis

Results for: 15A TN NASHVILLE DTVPLN DTVP0192 PLN  
 HAAT 354.0 m, ATV ERP 122.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1685963	24730.4
not affected by terrain losses	1680413	24354.2
lost to NTSC IX	17334	820.5
lost to additional IX by ATV	1934	60.0
lost to ATV IX only	2415	88.1
lost to all IX	19268	880.5

Potential Interfering Stations Included in above Scenario 1

15N AL FLORENCE	BLCT	20050902ABG	LIC
15N KY LOUISVILLE	BLET	19981105KE	LIC
15N MO POPLAR BLUFF	BLCT	19960830KF	LIC
15N TN KNOXVILLE	BLET	19900829KE	LIC
14A AL FLORENCE	BLCDDT	20051206AAB	LIC
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	0.7	to DTVPLN	DTVP0192
*Percent Service lost with proposal:	0.5	to DTVPLN	DTVP0192

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## Analysis of Interference to Affected Station 3

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WZTV	NASHVILLE TN	BLCDT	-20050309ACM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WHDF	FLORENCE AL	143.6	LIC	BLCDT	-20051206AAB
14	WOWL-DT	FLORENCE AL	207.3	PLN	DTVPLN	-DTVP0121
14	WFIE	EVANSVILLE IN	191.5	LIC	BLCT	-20031223ABA
14	WKSO-DT	SOMERSET KY	202.2	PLN	DTVPLN	-DTVP0130
15	WHDF	FLORENCE AL	143.6	LIC	BLCT	-20050902ABG
15	WKPC-TV	LOUISVILLE KY	248.8	LIC	BLET	-19981105KE
15	WKMR-DT	MOREHEAD KY	367.7	PLN	DTVPLN	-DTVP0169
15	KPOB-TV	POPLAR BLUFF MO	332.0	LIC	BLCT	-19960830KF
15	WKOP-TV	KNOXVILLE TN	257.8	LIC	BLET	-19900829KE
16	WELF-TV	DALTON GA	193.7	LIC	BLCDT	-20060301ADC
16	WELF-DT	DALTON GA	193.7	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	102.2	PLN	DTVPLN	-DTVP0220
16	WJKT	JACKSON TN	214.2	LIC	BLCT	-19920224KF
16	WNKY	BOWLING GREEN KY	101.8	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2  
 Scenario 1 Affected station 3  
 Before Analysis

Results for: 15A TN NASHVILLE BLCDT 20050309ACM LIC  
 HAAT 411.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1941418	33118.0
not affected by terrain losses	1931346	32450.3
lost to NTSC IX	38584	1215.5
lost to additional IX by ATV	20402	443.8
lost to ATV IX only	20697	487.8
lost to all IX	58986	1659.3

## Potential Interfering Stations Included in above Scenario 1

15N AL FLORENCE	BLCT	20050902ABG	LIC
15N KY LOUISVILLE	BLET	19981105KE	LIC
15N MO POPLAR BLUFF	BLCT	19960830KF	LIC
15N TN KNOXVILLE	BLET	19900829KE	LIC
14A AL FLORENCE	BLCDT	20051206AAB	LIC
15A KY MOREHEAD	DTVPLN	DTVP0169	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 15A TN NASHVILLE                      BLCDT              20050309ACM    LIC  
 HAAT 411.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1941418	33118.0
not affected by terrain losses	1931346	32450.3
lost to NTSC IX	38584	1215.5
lost to additional IX by ATV	40663	447.8
lost to ATV IX only	40894	483.8
lost to all IX	79247	1663.3

Potential Interfering Stations Included in above Scenario              1

15N AL FLORENCE	BLCT	20050902ABG	LIC
15N KY LOUISVILLE	BLET	19981105KE	LIC
15N MO POPLAR BLUFF	BLCT	19960830KF	LIC
15N TN KNOXVILLE	BLET	19900829KE	LIC
14A AL FLORENCE	BLCDT	20051206AAB	LIC
15A KY MOREHEAD	DTVPLN	DTVP0169	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-12.1	to BLCDT	20050309ACM
*Percent Service lost with proposal:	-10.9	to BLCDT	20050309ACM

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## Analysis of Interference to Affected Station              4

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	WELF-DT	DALTON GA	DTVPLN	-DTVP0211

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WOWLTV	FLORENCE AL	223.3	PLN	DTVPLN	-NPLN0912
15	WKOPTV	KNOXVILLE TN	175.4	PLN	DTVPLN	-NPLN0934
15	WZTV-DT	NASHVILLE TN	188.3	PLN	DTVPLN	-DTVP0192
16	WCOV-DT	MONTGOMERY AL	302.7	PLN	DTVPLN	-DTVP0204
16	WGXA-DT	MACON GA	297.1	PLN	DTVPLN	-DTVP0212
16	WKNT-DT	BOWLING GREEN KY	242.3	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	317.7	PLN	DTVPLN	-DTVP0221
16	WLOV-DT	WEST POINT MS	363.4	PLN	DTVPLN	-DTVP0228
16	WGGSTV	GREENVILLE SC	270.7	PLN	DTVPLN	-NPLN0967
16	WMTU	JACKSON TN	349.8	PLN	DTVPLN	-NPLN0969
17	WTBS	ATLANTA GA	158.8	PLN	DTVPLN	-NPLN0983
17	WKOP-DT	KNOXVILLE TN	175.4	PLN	DTVPLN	-DTVP0282
17	WZTV	NASHVILLE TN	188.3	PLN	DTVPLN	-NPLN1003

Results for: 16A GA DALTON                      DTVPLN      DTVP0211      PLN  
 HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	520	32.1
lost to additional IX by ATV	1121	20.1
lost to ATV IX only	1196	32.1
lost to all IX	1641	52.2

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
23	WELF	DALTON GA	DTVPLN	-NPLN1170

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WELF-DT	DALTON GA	0.0	PLN	DTVPLN	-DTVP0211
22	WGTV-DT	ATHENS GA	170.7	PLN	DTVPLN	-DTVP0477
22	WCTE	COOKEVILLE TN	135.9	PLN	DTVPLN	-NPLN1156
23	NEW	TUSCALOOSA AL	290.4	PLN	DTVPLN	-NPLN1164
23	WJSP-DT	COLUMBUS GA	241.7	PLN	DTVPLN	-DTVP0518
23	WKZTTV	ELIZABETHTOWN KY	306.2	PLN	DTVPLN	-NPLN1175
23	WBTV-DT	CHARLOTTE NC	384.0	PLN	DTVPLN	-DTVP0529
23	WPMC-DT	JELLICO TN	195.2	PLN	DTVPLN	-DTVP0542
23	WNAB-DT	NASHVILLE TN	161.7	PLN	DTVPLN	-DTVP0543
24	WHIQ-DT	HUNTSVILLE AL	107.3	PLN	DTVPLN	-DTVP0553
24	WNEG-DT	TOCCOA GA	187.8	PLN	DTVPLN	-DTVP0563
25	WHIQ	HUNTSVILLE AL	107.3	PLN	DTVPLN	-NPLN1235
30	WPBA	ATLANTA GA	163.7	PLN	DTVPLN	-NPLN1380
30	WUXP	NASHVILLE TN	193.7	PLN	DTVPLN	-NPLN1393
31	WAAYTV	HUNTSVILLE AL	107.7	PLN	DTVPLN	-NPLN1398

Results for: 23N GA DALTON                      DTVPLN      NPLN1170      PLN  
 POPULATION      AREA (sq km)

within Noise Limited Contour	834969	13418.8
not affected by terrain losses	754471	10745.5
lost to NTSC IX	4016	144.5
lost to additional IX by ATV	8781	232.8
lost to all IX	12797	377.3

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WELF-TV	DALTON GA	BLCDDT	-20060301ADC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WHDF	FLORENCE AL	159.8	LIC	BLCT	-20050902ABG
15	WKOP-TV	KNOXVILLE TN	175.4	LIC	BLET	-19900829KE
15	WZTV-DT	NASHVILLE TN	188.3	PLN	DTVPLN	-DTVP0192
15	WZTV	NASHVILLE TN	193.7	LIC	BLCDT	-20050309ACM
16	WCOV-DT	MONTGOMERY AL	302.7	PLN	DTVPLN	-DTVP0204
16	WCOV-TV	MONTGOMERY AL	338.7	CP	BPCDT	-19991021ACM
16	WGXA	MACON GA	297.1	CP MOD	BMPCDT	-20070131AIP
16	WGXA-DT	MACON GA	297.1	PLN	DTVPLN	-DTVP0212
16	WKNT-DT	BOWLING GREEN KY	242.3	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	317.7	PLN	DTVPLN	-DTVP0221
16	WLOV-TV	WEST POINT MS	363.4	CP MOD	BMPCDT	-20070323AOK
16	WLOV-DT	WEST POINT MS	363.4	PLN	DTVPLN	-DTVP0228
16	WGGG-TV	GREENVILLE SC	270.7	LIC	BLCT	-20060127AFA
16	WJKT	JACKSON TN	349.8	LIC	BLCT	-19920224KF
17	WTBS	ATLANTA GA	158.8	LIC	BLCT	-2402
17	WKOP-TV	KNOXVILLE TN	173.6	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	175.4	PLN	DTVPLN	-DTVP0282
17	WZTV	NASHVILLE TN	193.7	CP	BPCT	-20010529ABM
16	WNKY	BOWLING GREEN KY	242.3	APP	USERRECORD-01	

Total scenarios = 8

Result key: 3  
 Scenario 1 Affected station 4  
 Before Analysis

Results for: 16A GA DALTON BLCDT 20060301ADC LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	10055	320.8
lost to ATV IX only	25362	665.7
lost to all IX	38002	942.4

Potential Interfering Stations Included in above Scenario 1

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDT	20070323AOK	CP
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON                      BLCDDT              20060301ADC    LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	9751	308.8
lost to ATV IX only	21538	585.5
lost to all IX	37698	930.3

Potential Interfering Stations Included in above Scenario              1

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	BMPCDDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-43.5	to BLCDDT	20060301ADC
*Percent Service lost with proposal:	-43.5	to BLCDDT	20060301ADC

Result key:              4  
 Scenario              2    Affected station              4  
 Before Analysis

Results for: 16A GA DALTON                      BLCDDT              20060301ADC    LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	9594	292.7
lost to ATV IX only	24901	629.6
lost to all IX	37541	914.3

Potential Interfering Stations Included in above Scenario              2

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	BMPCDDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON BLCDDT 20060301ADC LIC

HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	9290	280.7
lost to ATV IX only	21077	549.4
lost to all IX	37237	902.3

Potential Interfering Stations Included in above Scenario 2

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	BMPCDDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-43.5	to BLCDDT	20060301ADC
*Percent Service lost with proposal:	-43.6	to BLCDDT	20060301ADC

Result key: 5  
 Scenario 3 Affected station 4  
 Before Analysis

Results for: 16A GA DALTON BLCDDT 20060301ADC LIC

HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	2795	168.4
lost to ATV IX only	17483	473.2
lost to all IX	30742	790.0

Potential Interfering Stations Included in above Scenario 3

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON BLCDT 20060301ADC LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	2491	156.4
lost to ATV IX only	13659	393.0
lost to all IX	30438	777.9

Potential Interfering Stations Included in above Scenario 3

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDT	20070323AOK	CP
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-44.4	to BLCDT	20060301ADC
*Percent Service lost with proposal:	-44.4	to BLCDT	20060301ADC

Result key: 6  
 Scenario 4 Affected station 4  
 Before Analysis

Results for: 16A GA DALTON BLCDT 20060301ADC LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	2334	140.4
lost to ATV IX only	17022	437.1
lost to all IX	30281	761.9

Potential Interfering Stations Included in above Scenario 4

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON BLCDT 20060301ADC LIC

HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	2030	128.3
lost to ATV IX only	13198	356.9
lost to all IX	29977	749.9

Potential Interfering Stations Included in above Scenario 4

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-44.4	to BLCDT	20060301ADC
*Percent Service lost with proposal:	-44.5	to BLCDT	20060301ADC

Result key: 7  
 Scenario 5 Affected station 4  
 Before Analysis

Results for: 16A GA DALTON BLCDT 20060301ADC LIC

HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	14978	493.2
lost to ATV IX only	30611	866.2
lost to all IX	42925	1114.8

Potential Interfering Stations Included in above Scenario 5

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDT	20070323AOK	CP
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN



## After Analysis

Results for: 16A GA DALTON                      BLCDT              20060301ADC    LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	14674	481.2
lost to ATV IX only	26787	786.0
lost to all IX	42621	1102.8

Potential Interfering Stations Included in above Scenario              5

15N TN KNOXVILLE	BLET	19900829KE	LIC	
16N SC GREENVILLE	BLCT	20060127AFA	LIC	
16N TN JACKSON	BLCT	19920224KF	LIC	
16A AL MONTGOMERY	BPCDT	19991021ACM	CP	
16A GA MACON	BMPCDT	20070131AIP	CP	
16A KY HAZARD	DTVPLN	DTVP0221	PLN	
16A MS WEST POINT	BMPCDT	20070323AOK	CP	
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC	
16A KY BOWLING GREEN	USERRECORD01		APP	
*Percent Service lost without proposal:	-42.9	to BLCDT		20060301ADC
*Percent Service lost with proposal:	-42.9	to BLCDT		20060301ADC

Result key:              8  
 Scenario              6    Affected station              4  
 Before Analysis

Results for: 16A GA DALTON                      BLCDT              20060301ADC    LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	14517	465.2
lost to ATV IX only	30150	830.1
lost to all IX	42464	1086.7

Potential Interfering Stations Included in above Scenario              6

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON BLCDDT 20060301ADC LIC

HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	14213	453.1
lost to ATV IX only	26326	749.9
lost to all IX	42160	1074.7

Potential Interfering Stations Included in above Scenario 6

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	BPCDDT	19991021ACM	CP
16A GA MACON	BMPCDDT	20070131AIP	CP
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-42.9	to BLCDDT	20060301ADC
*Percent Service lost with proposal:	-43.0	to BLCDDT	20060301ADC

Result key: 9

Scenario 7 Affected station 4

Before Analysis

Results for: 16A GA DALTON BLCDDT 20060301ADC LIC

HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	12119	433.1
lost to ATV IX only	27529	790.0
lost to all IX	40066	1054.6

Potential Interfering Stations Included in above Scenario 7

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	BPCDDT	19991021ACM	CP
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON                      BLCDDT              20060301ADC    LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	11815	421.1
lost to ATV IX only	23705	709.8
lost to all IX	39762	1042.6

Potential Interfering Stations Included in above Scenario              7

15N TN KNOXVILLE	BLET	19900829KE	LIC	
16N SC GREENVILLE	BLCT	20060127AFA	LIC	
16N TN JACKSON	BLCT	19920224KF	LIC	
16A AL MONTGOMERY	BPCDDT	19991021ACM	CP	
16A GA MACON	DTVPLN	DTVP0212	PLN	
16A KY HAZARD	DTVPLN	DTVP0221	PLN	
16A MS WEST POINT	BMPCDDT	20070323AOK	CP	
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC	
16A KY BOWLING GREEN	USERRECORD01		APP	
*Percent Service lost without proposal:	-43.2	to BLCDDT		20060301ADC
*Percent Service lost with proposal:	-43.3	to BLCDDT		20060301ADC

Result key:              10  
 Scenario              8    Affected station              4  
 Before Analysis

Results for: 16A GA DALTON                      BLCDDT              20060301ADC    LIC  
 HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	11658	405.0
lost to ATV IX only	27068	753.9
lost to all IX	39605	1026.6

Potential Interfering Stations Included in above Scenario              8

15N TN KNOXVILLE	BLET	19900829KE	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
16A AL MONTGOMERY	BPCDDT	19991021ACM	CP
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY HAZARD	DTVPLN	DTVP0221	PLN
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON                      BLCDDT              20060301ADC    LIC  
             HAAT 425.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1291107	29385.4
not affected by terrain losses	1189665	25395.4
lost to NTSC IX	27947	621.6
lost to additional IX by ATV	11354	393.0
lost to ATV IX only	23244	673.7
lost to all IX	39301	1014.5

Potential Interfering Stations Included in above Scenario              8

15N TN KNOXVILLE	BLET	19900829KE	LIC	
16N SC GREENVILLE	BLCT	20060127AFA	LIC	
16N TN JACKSON	BLCT	19920224KF	LIC	
16A AL MONTGOMERY	BPCDDT	19991021ACM	CP	
16A GA MACON	DTVPLN	DTVP0212	PLN	
16A KY HAZARD	DTVPLN	DTVP0221	PLN	
16A MS WEST POINT	BMPCDDT	20070323AOK	CP	
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN	
16A KY BOWLING GREEN	USERRECORD01		APP	
*Percent Service lost without proposal:	-43.3	to BLCDDT		20060301ADC
*Percent Service lost with proposal:	-43.3	to BLCDDT		20060301ADC

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## Analysis of Interference to Affected Station 5

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WELF-DT	DALTON GA	DTVPLN	-DTVP0211

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WHDF	FLORENCE AL	159.8	LIC	BLCT	-20050902ABG
15	WKOP-TV	KNOXVILLE TN	175.4	LIC	BLET	-19900829KE
15	WZTV-DT	NASHVILLE TN	188.3	PLN	DTVPLN	-DTVP0192
15	WZTV	NASHVILLE TN	193.7	LIC	BLCDT	-20050309ACM
16	WCOV-DT	MONTGOMERY AL	302.7	PLN	DTVPLN	-DTVP0204
16	WCOV-TV	MONTGOMERY AL	338.7	CP	BPCDT	-19991021ACM
16	WGXA	MACON GA	297.1	CP MOD	BMPCDT	-20070131AIP
16	WGXA-DT	MACON GA	297.1	PLN	DTVPLN	-DTVP0212
16	WKNT-DT	BOWLING GREEN KY	242.3	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	317.7	PLN	DTVPLN	-DTVP0221
16	WLOV-TV	WEST POINT MS	363.4	CP MOD	BMPCDT	-20070323AOK
16	WLOV-DT	WEST POINT MS	363.4	PLN	DTVPLN	-DTVP0228
16	WGGs-TV	GREENVILLE SC	270.7	LIC	BLCT	-20060127AFA
16	WJKT	JACKSON TN	349.8	LIC	BLCT	-19920224KF
17	WTBS	ATLANTA GA	158.8	LIC	BLCT	-2402
17	WKOP-TV	KNOXVILLE TN	173.6	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	175.4	PLN	DTVPLN	-DTVP0282
17	WZTV	NASHVILLE TN	193.7	CP	BPCT	-20010529ABM
16	WNKY	BOWLING GREEN KY	242.3	APP	USERRECORD-01	

Total scenarios = 4

Result key: 11  
Scenario 1 Affected station 5  
Before Analysis

Results for: 16A GA DALTON DTVPLN DTVP0211 PLN  
HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	1018	56.2
lost to additional IX by ATV	2999	72.3
lost to ATV IX only	3130	88.3
lost to all IX	4017	128.4

Potential Interfering Stations Included in above Scenario 1

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON                      DTVPLN      DTVP0211      PLN  
 HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	1018	56.2
lost to additional IX by ATV	2297	68.2
lost to ATV IX only	2428	84.3
lost to all IX	3315	124.4

Potential Interfering Stations Included in above Scenario 1

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	0.3	to DTVPLN	DTVP0211
*Percent Service lost with proposal:	0.2	to DTVPLN	DTVP0211

Result key: 12  
 Scenario 2 Affected station 5  
 Before Analysis

Results for: 16A GA DALTON                      DTVPLN      DTVP0211      PLN  
 HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	1018	56.2
lost to additional IX by ATV	1121	20.1
lost to ATV IX only	1196	32.1
lost to all IX	2139	76.3

Potential Interfering Stations Included in above Scenario 2

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON                      DTVPLN      DTVP0211      PLN  
 HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	1018	56.2
lost to additional IX by ATV	419	16.1
lost to ATV IX only	494	28.1
lost to all IX	1437	72.3

Potential Interfering Stations Included in above Scenario 2

16N SC GREENVILLE	BLCT	20060127AFA	LIC	
16A AL MONTGOMERY	DTVPLN	DTVP0204	PLN	
16A GA MACON	DTVPLN	DTVP0212	PLN	
16A KY BOWLING GREEN	USERRECORD01		APP	
*Percent Service lost without proposal:		0.1	to DTVPLN	DTVP0211
*Percent Service lost with proposal:		0.0	to DTVPLN	DTVP0211

Result key: 13  
 Scenario 3 Affected station 5  
 Before Analysis

Results for: 16A GA DALTON	DTVPLN	DTVP0211	PLN
HAAT 447.0 m, ATV ERP 50.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	834969	13418.8	
not affected by terrain losses	804358	12218.6	
lost to NTSC IX	1018	56.2	
lost to additional IX by ATV	3967	144.5	
lost to ATV IX only	4527	172.6	
lost to all IX	4985	200.7	

Potential Interfering Stations Included in above Scenario 3

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

After Analysis

Results for: 16A GA DALTON	DTVPLN	DTVP0211	PLN
HAAT 447.0 m, ATV ERP 50.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	834969	13418.8	
not affected by terrain losses	804358	12218.6	
lost to NTSC IX	1018	56.2	
lost to additional IX by ATV	3265	140.5	
lost to ATV IX only	3825	168.6	
lost to all IX	4283	196.7	

Potential Interfering Stations Included in above Scenario 3

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A GA MACON	BMPCDT	20070131AIP	CP
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:		0.4	to DTVPLN DTVP0211
*Percent Service lost with proposal:		0.3	to DTVPLN DTVP0211

Result key: 14  
 Scenario 4 Affected station 5

## Before Analysis

Results for: 16A GA DALTON                      DTVPLN      DTVP0211      PLN  
 HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	1018	56.2
lost to additional IX by ATV	3364	112.4
lost to ATV IX only	3868	136.5
lost to all IX	4382	168.6

Potential Interfering Stations Included in above Scenario 4

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A GA DALTON                      DTVPLN      DTVP0211      PLN  
 HAAT 447.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	834969	13418.8
not affected by terrain losses	804358	12218.6
lost to NTSC IX	1018	56.2
lost to additional IX by ATV	2662	108.4
lost to ATV IX only	3166	132.5
lost to all IX	3680	164.6

Potential Interfering Stations Included in above Scenario 4

16N SC GREENVILLE	BLCT	20060127AFA	LIC
16A AL MONTGOMERY	BPCDT	19991021ACM	CP
16A GA MACON	DTVPLN	DTVP0212	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	0.3	to DTVPLN	DTVP0211
*Percent Service lost with proposal:	0.3	to DTVPLN	DTVP0211

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## Analysis of Interference to Affected Station 6

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
16	WUSITV	OLNEY IL	DTVPLN -NPLN0950

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WFIETV	EVANSVILLE IN	118.4	PLN	DTVPLN -NPLN0887
15	WICD	CHAMPAIGN IL	138.1	PLN	DTVPLN -NPLN0920
15	WSEC-DT	JACKSONVILLE IL	202.3	PLN	DTVPLN -DTVP0168
15	WKPC-TV	LOUISVILLE KY	206.4	PLN	DTVPLN -NPLN0923
16	WTJR	QUINCY IL	302.2	PLN	DTVPLN -NPLN0951
16	WTVO-DT	ROCKFORD IL	393.3	PLN	DTVPLN -DTVP0216
16	WHMB-DT	INDIANAPOLIS IN	202.8	PLN	DTVPLN -DTVP0217
16	WNDUTV	SOUTH BEND IN	347.9	PLN	DTVPLN -NPLN0952
16	WKNT-DT	BOWLING GREEN KY	263.7	PLN	DTVPLN -DTVP0220
16	WPTD	DAYTON OH	347.9	PLN	DTVPLN -NPLN0960
16	WMTU	JACKSON TN	349.7	PLN	DTVPLN -NPLN0969
17	WAND	DECATUR IL	137.7	PLN	DTVPLN -NPLN0985
17	WTCT-DT	MARION IL	162.4	PLN	DTVPLN -DTVP0258
17	WKPC-DT	LOUISVILLE KY	206.4	PLN	DTVPLN -DTVP0262
18	WAND-DT	DECATUR IL	137.7	PLN	DTVPLN -DTVP0304
19	WUSI-DT	OLNEY IL	0.0	PLN	DTVPLN -DTVP0351
23	WFHL	DECATUR IL	139.0	PLN	DTVPLN -NPLN1172
23	KBSI	CAPE GIRARDEAU MO	202.5	PLN	DTVPLN -NPLN1179
24	WTHI-DT	TERRE HAUTE IN	78.4	PLN	DTVPLN -DTVP0567
30	WTIU	BLOOMINGTON IN	145.2	PLN	DTVPLN -NPLN1381
30	WKOH-DT	OWENSBORO KY	130.0	PLN	DTVPLN -DTVP0788
30	KDNLTV	ST. LOUIS MO	192.9	PLN	DTVPLN -NPLN1382
31	WKOH	OWENSBORO KY	130.0	PLN	DTVPLN -NPLN1406

Results for: 16N IL OLNEY	DTVPLN	NPLN0950	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	265484	16489.4	
not affected by terrain losses	265484	16489.4	
lost to NTSC IX	2035	96.1	
lost to additional IX by ATV	2973	40.1	
lost to all IX	5008	136.2	

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	WUSI-TV	OLNEY IL	BMLET -20030515AAM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WFIE	EVANSVILLE IN	118.4	LIC	BLCT	-20031223ABA
15	WICD	CHAMPAIGN IL	138.1	LIC	BLCT	-19821101KG
15	WSEC	JACKSONVILLE IL	185.6	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	202.3	PLN	DTVPLN	-DTVP0168
15	WKPC-TV	LOUISVILLE KY	206.4	LIC	BLET	-19981105KE
16	WTJR	QUINCY IL	302.2	LIC	BLCT	-19981123KE
16	WTVO	ROCKFORD IL	393.3	LIC	BLCDT	-20021024AAS
16	WTVO-DT	ROCKFORD IL	393.3	PLN	DTVPLN	-DTVP0216
16	WHMB-DT	INDIANAPOLIS IN	202.8	PLN	DTVPLN	-DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	202.7	LIC	BLCDT	-20060619AAG
16	WNDU-TV	SOUTH BEND IN	347.9	LIC	BLCT	-20060627ACE
16	WKNT-DT	BOWLING GREEN KY	263.8	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	263.6	CP MOD	BMPCDT	-20041105AZO
16	WPTD	DAYTON OH	347.9	LIC	BLET	-19920807KG
16	WJKT	JACKSON TN	349.7	LIC	BLCT	-19920224KF
17	WAND	DECATUR IL	137.7	LIC	BLCT	-19790612KG
17	WTCT	MARION IL	162.4	CP MOD	BMPCDT	-20011119AAX
17	WTCT-DT	MARION IL	162.4	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	162.4	LIC	BLCDT	-20060629ACN
17	WKPC-DT	LOUISVILLE KY	206.4	PLN	DTVPLN	-DTVP0262
18	WAND	DECATUR IL	137.7	LIC	BLCDT	-20020509AAX
18	WAND-DT	DECATUR IL	137.7	PLN	DTVPLN	-DTVP0304
19	WUSI-DT	OLNEY IL	0.0	PLN	DTVPLN	-DTVP0351
23	WBUI	DECATUR IL	137.5	LIC	BLCT	-20010406ABK
23	KBSI	CAPE GIRARDEAU MO	202.6	LIC	BLCT	-20050225ABQ
24	WTHI-DT	TERRE HAUTE IN	78.4	PLN	DTVPLN	-DTVP0567
30	WTIU	BLOOMINGTON IN	145.2	LIC	BLET	-20020919ABC
30	WKOH-DT	OWENSBORO KY	130.0	PLN	DTVPLN	-DTVP0788
30	KDNL-TV	ST. LOUIS MO	192.9	LIC	BLCT	-19800312KG
31	WKOH	OWENSBORO KY	130.0	LIC	BLCT	-19800221IA
16	WNKY	BOWLING GREEN KY	263.6	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 7

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	WHMB-DT	INDIANAPOLIS IN	DTVPLN	-DTVP0217

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WICD	CHAMPAIGN IL	146.7	PLN	DTVPLN	-NPLN0920
15	WANETV	FORT WAYNE IN	159.0	PLN	DTVPLN	-NPLN0921
15	WKPCTV	LOUISVILLE KY	172.8	PLN	DTVPLN	-NPLN0923
16	WUSITV	OLNEY IL	202.8	PLN	DTVPLN	-NPLN0950
16	WTVO-DT	ROCKFORD IL	363.9	PLN	DTVPLN	-DTVP0216
16	WNDUTV	SOUTH BEND IN	190.2	PLN	DTVPLN	-NPLN0952
16	WKNT-DT	BOWLING GREEN KY	317.7	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	398.7	PLN	DTVPLN	-DTVP0221
16	WSMH-DT	FLINT MI	410.8	PLN	DTVPLN	-DTVP0225
16	WPTD	DAYTON OH	168.1	PLN	DTVPLN	-NPLN0960
17	WAND	DECATUR IL	224.0	PLN	DTVPLN	-NPLN0985
17	WYIN-DT	GARY IN	190.6	PLN	DTVPLN	-DTVP0259
17	WKPC-DT	LOUISVILLE KY	172.8	PLN	DTVPLN	-DTVP0262

Results for: 16A IN INDIANAPOLIS      DTVPLN      DTVP0217      PLN  
 HAAT 302.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947136	17384.4
not affected by terrain losses	1946293	17352.5
lost to NTSC IX	7416	339.5
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	7416	339.5

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
40	WHMBTV	INDIANAPOLIS IN	DTVPLN	-NPLN1583

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WNDY-DT	MARION IN	36.4	PLN	DTVPLN	-DTVP0864
33	WKJGTV	FORT WAYNE IN	159.2	PLN	DTVPLN	-NPLN1447
36	WTWO-DT	TERRE HAUTE IN	124.8	PLN	DTVPLN	-DTVP1014
38	WBAKTV	TERRE HAUTE IN	125.8	PLN	DTVPLN	-NPLN1542
39	WFWA	FORT WAYNE IN	159.4	PLN	DTVPLN	-NPLN1563
39	WKOI-DT	RICHMOND IN	140.8	PLN	DTVPLN	-DTVP1089
39	WBAK-DT	TERRE HAUTE IN	125.8	PLN	DTVPLN	-DTVP1090
40	WSIU-DT	CARBONDALE IL	329.3	PLN	DTVPLN	-DTVP1121
40	WHOI-DT	PEORIA IL	298.9	PLN	DTVPLN	-DTVP1122
40	WFWA-DT	FORT WAYNE IN	159.4	PLN	DTVPLN	-DTVP1123
40	WKNT	BOWLING GREEN KY	317.7	PLN	DTVPLN	-NPLN1584
40	WTVQ-DT	LEXINGTON KY	259.3	PLN	DTVPLN	-DTVP1125
40	WLMB	TOLEDO OH	275.9	PLN	DTVPLN	-NPLN1592
40	WHIZ-DT	ZANESVILLE OH	359.8	PLN	DTVPLN	-DTVP1136
40	WHKE-DT	KENOSHA WI	350.8	PLN	DTVPLN	-DTVP1146
41	WICD-DT	CHAMPAIGN IL	146.7	PLN	DTVPLN	-DTVP1159
41	WDRBT	LOUISVILLE KY	174.4	PLN	DTVPLN	-NPLN1602
41	WHIO-DT	DAYTON OH	168.1	PLN	DTVPLN	-DTVP1169
42	WCLJ	BLOOMINGTON IN	54.8	PLN	DTVPLN	-NPLN1620
43	WKOI	RICHMOND IN	140.8	PLN	DTVPLN	-NPLN1640
44	WTBU-DT	INDIANAPOLIS IN	6.5	PLN	DTVPLN	-DTVP1262
54	WTTK-DT	KOKOMO IN	53.8	PLN	DTVPLN	-DTVP1548
54	WCVNTV	COVINGTON KY	174.5	PLN	DTVPLN	-NPLN1839
55	WFFT-TV	FORT WAYNE IN	159.7	PLN	DTVPLN	-NPLN1851

Results for: 40N IN INDIANAPOLIS	DTVPLN	NPLN1583	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1947136	17384.4	
not affected by terrain losses	1945009	17280.6	
lost to NTSC IX	8962	259.6	
lost to additional IX by ATV	11472	283.6	
lost to all IX	20434	543.3	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WHMB-DT	INDIANAPOLIS IN	DTVPLN	-DTVP0217

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WICD	CHAMPAIGN IL	146.7	LIC	BLCT	-19821101KG
15	WANE-TV	FORT WAYNE IN	159.0	LIC	BLCT	-20020326AAR
15	WKPC-TV	LOUISVILLE KY	172.8	LIC	BLET	-19981105KE
16	WUSI-TV	OLNEY IL	202.8	LIC	BMLET	-20030515AAM
16	WTVO	ROCKFORD IL	363.9	LIC	BLCDT	-20021024AAS
16	WTVO-DT	ROCKFORD IL	363.9	PLN	DTVPLN	-DTVP0216
16	WNDU-TV	SOUTH BEND IN	190.2	LIC	BLCT	-20060627ACE
16	WKNT-DT	BOWLING GREEN KY	317.7	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	398.7	PLN	DTVPLN	-DTVP0221
16	WSMH-DT	FLINT MI	410.8	PLN	DTVPLN	-DTVP0225
16	WSMH	FLINT MI	410.4	CP	BPCDT	-20051115ADO
16	WPTD	DAYTON OH	168.1	LIC	BLET	-19920807KG
17	WAND	DECATUR IL	224.0	LIC	BLCT	-19790612KG
17	WYIN	GARY IN	190.6	LIC	BLEDT	-20040206AAA
17	WYIN-DT	GARY IN	190.6	PLN	DTVPLN	-DTVP0259
17	WKPC-DT	LOUISVILLE KY	172.8	PLN	DTVPLN	-DTVP0262
16	WNKY	BOWLING GREEN KY	317.9	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WHMB-TV	INDIANAPOLIS IN	BLCDT	-20060619AAG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WICD	CHAMPAIGN IL	146.7	LIC	BLCT	-19821101KG
15	WANE-TV	FORT WAYNE IN	159.0	LIC	BLCT	-20020326AAR
15	WKPC-TV	LOUISVILLE KY	172.8	LIC	BLET	-19981105KE
16	WUSI-TV	OLNEY IL	202.7	LIC	BMLET	-20030515AAM
16	WTVO	ROCKFORD IL	363.9	LIC	BLCDT	-20021024AAS
16	WTVO-DT	ROCKFORD IL	363.9	PLN	DTVPLN	-DTVP0216
16	WNDU-TV	SOUTH BEND IN	190.2	LIC	BLCT	-20060627ACE
16	WKNT-DT	BOWLING GREEN KY	317.7	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	398.7	PLN	DTVPLN	-DTVP0221
16	WSMH-DT	FLINT MI	410.8	PLN	DTVPLN	-DTVP0225
16	WSMH	FLINT MI	410.4	CP	BPCDT	-20051115ADO
16	WPTD	DAYTON OH	168.1	LIC	BLET	-19920807KG
17	WAND	DECATUR IL	223.9	LIC	BLCT	-19790612KG
17	WYIN	GARY IN	190.5	LIC	BLEDT	-20040206AAA
17	WYIN-DT	GARY IN	190.5	PLN	DTVPLN	-DTVP0259
17	WKPC-DT	LOUISVILLE KY	172.8	PLN	DTVPLN	-DTVP0262
16	WNKY	BOWLING GREEN KY	317.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 15  
Scenario 1 Affected station 8  
Before Analysis

Results for: 16A IN INDIANAPOLIS BLCDT 20060619AAG LIC  
HAAT 302.0 m, ATV ERP 163.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2145100	20065.4
not affected by terrain losses	2144161	20009.4
lost to NTSC IX	22336	747.3
lost to additional IX by ATV	0	0.0
lost to ATV IX only	17	4.0
lost to all IX	22336	747.3

Potential Interfering Stations Included in above Scenario 1

16N IL OLNEY	BMLET	20030515AAM	LIC
16N IN SOUTH BEND	BLCT	20060627ACE	LIC
16N OH DAYTON	BLET	19920807KG	LIC
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 16A IN INDIANAPOLIS BLC DT 20060619AAG LIC  
 HAAT 302.0 m, ATV ERP 163.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2145100	20065.4
not affected by terrain losses	2144161	20009.4
lost to NTSC IX	22336	747.3
lost to additional IX by ATV	0	0.0
lost to ATV IX only	17	4.0
lost to all IX	22336	747.3

Potential Interfering Stations Included in above Scenario 1

16N IL OLNEY	BMLET	20030515AAM	LIC
16N IN SOUTH BEND	BLCT	20060627ACE	LIC
16N OH DAYTON	BLET	19920807KG	LIC
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent Service lost without proposal:	-9.4	to BLC DT	20060619AAG
*Percent Service lost with proposal:	-9.4	to BLC DT	20060619AAG

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## Analysis of Interference to Affected Station 9

## DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
16	WKHA-DT	HAZARD KY	DTVPLN -DTVP0221

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WKMR-DT	MOREHEAD KY	111.1	PLN	DTVPLN -DTVP0169
15	WKOPTV	KNOXVILLE TN	148.1	PLN	DTVPLN -NPLN0934
16	WELF-DT	DALTON GA	317.7	PLN	DTVPLN -DTVP0211
16	WHMB-DT	INDIANAPOLIS IN	398.7	PLN	DTVPLN -DTVP0217
16	WKNT-DT	BOWLING GREEN KY	265.1	PLN	DTVPLN -DTVP0220
16	WAAP	BURLINGTON NC	363.2	PLN	DTVPLN -NPLN0958
16	WPTD	DAYTON OH	295.8	PLN	DTVPLN -NPLN0960
16	WGGSTV	GREENVILLE SC	259.9	PLN	DTVPLN -NPLN0967
17	WUNETV	LINVILLE NC	173.7	PLN	DTVPLN -NPLN0993
17	WUXA-DT	PORTSMOUTH OH	174.7	PLN	DTVPLN -DTVP0275
17	WKOP-DT	KNOXVILLE TN	148.1	PLN	DTVPLN -DTVP0282

Results for: 16A KY HAZARD DTVPLN DTVP0221 PLN  
 HAAT 384.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	403186	16960.2
not affected by terrain losses	349159	15133.9
lost to NTSC IX	637	52.0
lost to additional IX by ATV	103	16.0
lost to ATV IX only	113	24.0
lost to all IX	740	67.9

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
35	WKHA	HAZARD KY	DTVPLN	-NPLN1496

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WKPT-DT	KINGSPORT TN	126.1	PLN	DTVPLN	-DTVP0689
28	WCYB-DT	BRISTOL VA	126.7	PLN	DTVPLN	-DTVP0731
32	WSBN-DT	NORTON VA	59.9	PLN	DTVPLN	-DTVP0886
34	WGRB	CAMPBELLSVILLE KY	187.9	PLN	DTVPLN	-NPLN1475
34	WTNZ-DT	KNOXVILLE TN	150.6	PLN	DTVPLN	-DTVP0956
34	WPBY-DT	HUNTINGTON WV	168.7	PLN	DTVPLN	-DTVP0961
35	WKMATV	MADISONVILLE KY	382.9	PLN	DTVPLN	-NPLN1497
35	WGHP-DT	HIGH POINT NC	335.8	PLN	DTVPLN	-DTVP0984
35	WOUC-DT	CAMBRIDGE OH	362.0	PLN	DTVPLN	-DTVP0987
35	WLWT-DT	CINCINNATI OH	244.3	PLN	DTVPLN	-DTVP0988
35	WLIO	LIMA OH	403.5	PLN	DTVPLN	-NPLN1502
35	WRLKTV	COLUMBIA SC	397.6	PLN	DTVPLN	-NPLN1507
35	WGGs-DT	GREENVILLE SC	259.9	PLN	DTVPLN	-DTVP0992
35	WTVc-DT	CHATTANOOGA TN	295.8	PLN	DTVPLN	-DTVP0993
36	WTVQTV	LEXINGTON KY	141.5	PLN	DTVPLN	-NPLN1520
38	WKMR	MOREHEAD KY	111.1	PLN	DTVPLN	-NPLN1544
38	WEMT-DT	GREENEVILLE TN	136.6	PLN	DTVPLN	-DTVP1067
39	WEMT	GREENEVILLE TN	136.6	PLN	DTVPLN	-NPLN1568
42	WKLE-DT	LEXINGTON KY	126.0	PLN	DTVPLN	-DTVP1194
42	WPBOTV	PORTSMOUTH OH	174.7	PLN	DTVPLN	-NPLN1625
49	WLFG-DT	GRUNDY VA	106.3	PLN	DTVPLN	-DTVP1433

Results for: 35N KY HAZARD	DTVPLN	NPLN1496	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	403186	16960.2	
not affected by terrain losses	297530	13415.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	10740	647.4	
lost to all IX	10740	647.4	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WKHA-DT	HAZARD KY	DTVPLN	-DTVP0221



## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WKMR-DT	MOREHEAD KY	111.1	PLN	DTVPLN	-DTVP0169
15	WKOP-TV	KNOXVILLE TN	148.1	LIC	BLET	-19900829KE
16	WELF-TV	DALTON GA	317.7	LIC	BLCDDT	-20060301ADC
16	WELF-DT	DALTON GA	317.7	PLN	DTVPLN	-DTVP0211
16	WHMB-DT	INDIANAPOLIS IN	398.7	PLN	DTVPLN	-DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	398.7	LIC	BLCDDT	-20060619AAG
16	WKNT-DT	BOWLING GREEN KY	265.1	PLN	DTVPLN	-DTVP0220
16	WGPX	BURLINGTON NC	331.7	LIC	BLCT	-19980410KG
16	WPTD	DAYTON OH	295.8	LIC	BLET	-19920807KG
16	WGGG-TV	GREENVILLE SC	259.9	LIC	BLCT	-20060127AFA
17	WUNE-TV	LINVILLE NC	173.6	LIC	BLET	-19950124KM
17	WUXA-DT	PORTSMOUTH OH	174.7	PLN	DTVPLN	-DTVP0275
17	WQCW	PORTSMOUTH OH	174.7	LIC	BLCDDT	-20060630AFJ
17	WKOP-TV	KNOXVILLE TN	149.7	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	148.1	PLN	DTVPLN	-DTVP0282
16	WNKY	BOWLING GREEN KY	265.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 16  
 Scenario 1 Affected station 9  
 Before Analysis

Results for: 16A KY HAZARD DTVPLN DTVP0221 PLN  
 HAAT 384.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	403186	16960.2
not affected by terrain losses	349159	15133.9
lost to NTSC IX	1779	87.9
lost to additional IX by ATV	886	48.0
lost to ATV IX only	1131	63.9
lost to all IX	2665	135.9

Potential Interfering Stations Included in above Scenario 1

16N NC BURLINGTON	BLCT	19980410KG	LIC
16N OH DAYTON	BLET	19920807KG	LIC
16N SC GREENVILLE	BLCT	20060127AFA	LIC
15A KY MOREHEAD	DTVPLN	DTVP0169	PLN
16A GA DALTON	BLCDDT	20060301ADC	LIC

After Analysis

Results for: 16A KY HAZARD DTVPLN DTVP0221 PLN  
 HAAT 384.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	403186	16960.2
not affected by terrain losses	349159	15133.9
lost to NTSC IX	1779	87.9
lost to additional IX by ATV	2020	75.9
lost to ATV IX only	2273	103.9
lost to all IX	3799	163.8

## Potential Interfering Stations Included in above Scenario 1

16N NC BURLINGTON	BLCT	19980410KG	LIC	
16N OH DAYTON	BLET	19920807KG	LIC	
16N SC GREENVILLE	BLCT	20060127AFA	LIC	
15A KY MOREHEAD	DTVPLN	DTVP0169	PLN	
16A GA DALTON	BLCDDT	20060301ADC	LIC	
16A KY BOWLING GREEN	USERRECORD01		APP	
*Percent Service lost without proposal:		0.6	to DTVPLN	DTVP0221
*Percent Service lost with proposal:		0.9	to DTVPLN	DTVP0221

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## Analysis of Interference to Affected Station 10

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	WPTD	DAYTON OH	DTVPLN	-NPLN0960

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WCMH-DT	COLUMBUS OH	108.0	PLN	DTVPLN	-DTVP0145
14	WPTD	OXFORD OH	47.9	PLN	DTVPLN	-NPLN0898
15	WANETV	FORT WAYNE IN	171.7	PLN	DTVPLN	-NPLN0921
15	WKPC-TV	LOUISVILLE KY	203.2	PLN	DTVPLN	-NPLN0923
15	WKMR-DT	MOREHEAD KY	186.5	PLN	DTVPLN	-DTVP0169
16	WUSITV	OLNEY IL	347.9	PLN	DTVPLN	-NPLN0950
16	WHMB-DT	INDIANAPOLIS IN	168.1	PLN	DTVPLN	-DTVP0217
16	WNDUTV	SOUTH BEND IN	266.9	PLN	DTVPLN	-NPLN0952
16	WKNT-DT	BOWLING GREEN KY	342.2	PLN	DTVPLN	-DTVP0220
16	WKHA-DT	HAZARD KY	295.8	PLN	DTVPLN	-DTVP0221
16	WSMH-DT	FLINT MI	389.4	PLN	DTVPLN	-DTVP0225
16	WQEX	PITTSBURGH PA	373.2	PLN	DTVPLN	-NPLN0963
17	WKPC-DT	LOUISVILLE KY	203.2	PLN	DTVPLN	-DTVP0262
17	WUXA-DT	PORTSMOUTH OH	147.8	PLN	DTVPLN	-DTVP0275
18	WTJC-DT	SPRINGFIELD OH	39.3	PLN	DTVPLN	-DTVP0318
19	WXIX-TV	NEWPORT KY	71.3	PLN	DTVPLN	-NPLN1044
20	WLIO-DT	LIMA OH	114.6	PLN	DTVPLN	-DTVP0413
23	WNDY-TV	MARION IN	151.5	PLN	DTVPLN	-NPLN1174
24	WCVN-DT	COVINGTON KY	79.9	PLN	DTVPLN	-DTVP0568
30	WTIU	BLOOMINGTON IN	203.2	PLN	DTVPLN	-NPLN1381
30	WRGT-DT	DAYTON OH	0.6	PLN	DTVPLN	-DTVP0797
30	WUXA	PORTSMOUTH OH	147.8	PLN	DTVPLN	-NPLN1386
31	WKRC-DT	CINCINNATI OH	70.6	PLN	DTVPLN	-DTVP0834

Results for: 16N OH DAYTON	DTVPLN	NPLN0960	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3048740	20565.6	
not affected by terrain losses	2991752	20377.5	
lost to NTSC IX	211436	1769.5	
lost to additional IX by ATV	47242	716.6	
lost to all IX	258678	2486.1	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WPTD	DAYTON OH	BLET	-19920807KG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WCMH-DT	COLUMBUS OH	108.0	PLN	DTVPLN	-DTVP0145
14	WPTO	OXFORD OH	47.9	LIC	BMLET	-19860925KF
15	WANE-TV	FORT WAYNE IN	171.7	LIC	BLCT	-20020326AAR
15	WKPC-TV	LOUISVILLE KY	203.2	LIC	BLET	-19981105KE
15	WKMR-DT	MOREHEAD KY	186.5	PLN	DTVPLN	-DTVP0169
16	WUSI-TV	OLNEY IL	347.9	LIC	BMLET	-20030515AAM
16	WHMB-DT	INDIANAPOLIS IN	168.1	PLN	DTVPLN	-DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	168.1	LIC	BLCDDT	-20060619AAG
16	WNDU-TV	SOUTH BEND IN	266.9	LIC	BLCT	-20060627ACE
16	WKNT-DT	BOWLING GREEN KY	342.2	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	342.6	CP MOD	BMPCDDT	-20041105AZO
16	WKHA-DT	HAZARD KY	295.8	PLN	DTVPLN	-DTVP0221
16	WSMH-DT	FLINT MI	389.4	PLN	DTVPLN	-DTVP0225
16	WSMH	FLINT MI	389.8	CP	BPCDDT	-20051115ADO
16	WQEX	PITTSBURGH PA	373.2	LIC	BLCT	-20060817ABY
17	WKPC-DT	LOUISVILLE KY	203.2	PLN	DTVPLN	-DTVP0262
17	WUXA-DT	PORTSMOUTH OH	147.8	PLN	DTVPLN	-DTVP0275
17	WQCW	PORTSMOUTH OH	147.8	LIC	BLCDDT	-20060630AFJ
18	WBDT	SPRINGFIELD OH	0.6	LIC	BLCDDT	-20030224ABC
18	WTJC-DT	SPRINGFIELD OH	39.3	PLN	DTVPLN	-DTVP0318
19	WXIX-TV	NEWPORT KY	71.3	LIC	BLCT	-19851107KH
20	WLIO-DT	LIMA OH	114.6	PLN	DTVPLN	-DTVP0413
23	WNDY-TV	MARION IN	151.5	LIC	BLCT	-19990430KE
24	WCVN-DT	COVINGTON KY	79.9	PLN	DTVPLN	-DTVP0568
24	WSFJ-TV	NEWARK OH	138.4	LIC	BLCDDT	-20060620ABC
30	WTIU	BLOOMINGTON IN	203.2	LIC	BLET	-20020919ABC
30	WRGT-TV	DAYTON OH	0.6	CP	BPCDDT	-19991101ADJ
30	WRGT-DT	DAYTON OH	0.6	PLN	DTVPLN	-DTVP0797
30	WQCW	PORTSMOUTH OH	147.8	LIC	BLCT	-19981116KI
31	WKRC-DT	CINCINNATI OH	70.6	PLN	DTVPLN	-DTVP0834
16	WNKY	BOWLING GREEN KY	342.6	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 11

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	WMTU	JACKSON TN	DTVPLN	-NPLN0969

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	MEMPHIS TN	96.0	PLN	DTVPLN	-NPLN0902
15	WOWLTV	FLORENCE AL	179.6	PLN	DTVPLN	-NPLN0912
15	KPOBTV	POPLAR BLUFF MO	165.0	PLN	DTVPLN	-NPLN0926
15	WZTV-DT	NASHVILLE TN	205.1	PLN	DTVPLN	-DTVP0192
16	KLRT	LITTLE ROCK AR	326.4	PLN	DTVPLN	-NPLN0945
16	WELF-DT	DALTON GA	349.8	PLN	DTVPLN	-DTVP0211
16	WUSITV	OLNEY IL	349.7	PLN	DTVPLN	-NPLN0950
16	WKNT-DT	BOWLING GREEN KY	296.6	PLN	DTVPLN	-DTVP0220
16	WAPT	JACKSON MS	405.5	PLN	DTVPLN	-NPLN0956
16	WLOV-DT	WEST POINT MS	221.7	PLN	DTVPLN	-DTVP0228
17	WTCT-DT	MARION IL	196.6	PLN	DTVPLN	-DTVP0258
17	WZTV	NASHVILLE TN	205.1	PLN	DTVPLN	-NPLN1003
23	KBSI	CAPE GIRARDEAU MO	184.3	PLN	DTVPLN	-NPLN1179
24	WPTYTV	MEMPHIS TN	90.9	PLN	DTVPLN	-NPLN1225
30	WLMT	MEMPHIS TN	95.9	PLN	DTVPLN	-NPLN1392
31	WLMT-DT	MEMPHIS TN	95.9	PLN	DTVPLN	-DTVP0841

Results for: 16N TN JACKSON	DTVPLN	NPLN0969	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	496918	20463.0	
not affected by terrain losses	495638	20338.4	
lost to NTSC IX	1942	208.9	
lost to additional IX by ATV	1894	132.6	
lost to all IX	3836	341.5	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WJKT	JACKSON TN	BLCT	-19920224KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTWV	MEMPHIS TN	104.5	CP	BPET	-19960405KF
14	WTWV	MEMPHIS TN	91.2	CP MOD	BMPEDT	-20060421ABT
15	WHDF	FLORENCE AL	198.6	LIC	BLCT	-20050902ABG
15	KPOB-TV	POPLAR BLUFF MO	165.0	LIC	BLCT	-19960830KF
15	WZTV-DT	NASHVILLE TN	205.1	PLN	DTVPLN	-DTVP0192
16	KLRT-TV	LITTLE ROCK AR	326.4	LIC	BLCT	-19830629KE
16	WELF-TV	DALTON GA	349.8	LIC	BLCDDT	-20060301ADC
16	WELF-DT	DALTON GA	349.8	PLN	DTVPLN	-DTVP0211
16	WUSI-TV	OLNEY IL	349.7	LIC	BMLET	-20030515AAM
16	WKNT-DT	BOWLING GREEN KY	296.6	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	296.0	CP MOD	BMPCDDT	-20041105AZO
16	WAPT	JACKSON MS	405.4	LIC	BMLCT	-20021008ABL
16	WLOV-TV	WEST POINT MS	221.7	CP MOD	BMPCDDT	-20070323AOK
16	WLOV-DT	WEST POINT MS	221.7	PLN	DTVPLN	-DTVP0228
17	WTCT	MARION IL	196.6	CP MOD	BMPCDDT	-20011119AAX
17	WTCT-DT	MARION IL	196.6	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	196.6	LIC	BLCDDT	-20060629ACN
23	KBSI	CAPE GIRARDEAU MO	184.3	LIC	BLCT	-20050225ABQ
24	WPTY-TV	MEMPHIS TN	83.5	LIC	BMLCT	-20050427ABO
30	WLMT	MEMPHIS TN	83.5	LIC	BMLCT	-20050427ABQ
31	WLMT	MEMPHIS TN	83.5	LIC	BLCDDT	-20050427ABN
31	WLMT-DT	MEMPHIS TN	95.9	PLN	DTVPLN	-DTVP0841
16	WNKY	BOWLING GREEN KY	296.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 17  
Scenario 1 Affected station 11  
Before Analysis

Results for: 16N TN JACKSON	BLCT	19920224KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	496918	20463.0	
not affected by terrain losses	495638	20338.4	
lost to NTSC IX	3721	337.4	
lost to additional IX by ATV	12897	1076.6	
lost to all IX	16618	1414.0	

Potential Interfering Stations Included in above Scenario 1

16N AR LITTLE ROCK	BLCT	19830629KE	LIC
16N IL OLNEY	BMLET	20030515AAM	LIC
30N TN MEMPHIS	BMLCT	20050427ABQ	LIC
16A MS WEST POINT	BMPCDDT	20070323AOK	CP
31A TN MEMPHIS	BLCDDT	20050427ABN	LIC

## After Analysis

Results for: 16N TN JACKSON	BLCT	19920224KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	496918	20463.0	
not affected by terrain losses	495638	20338.4	
lost to NTSC IX	3721	337.4	
lost to additional IX by ATV	13036	1080.6	
lost to all IX	16757	1418.0	

Potential Interfering Stations Included in above Scenario 1

16N AR LITTLE ROCK	BLCT	19830629KE	LIC
16N IL OLNEY	BMLET	20030515AAM	LIC
30N TN MEMPHIS	BMLCT	20050427ABQ	LIC
16A MS WEST POINT	BMPCDT	20070323AOK	CP
31A TN MEMPHIS	BLCDDT	20050427ABN	LIC
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent new DTV interference without proposal:		2.6	BLCT 19920224KF
*Percent new DTV interference with proposal:		2.6	BLCT 19920224KF

Result key: 18  
 Scenario 2 Affected station 11  
 Before Analysis

Results for: 16N TN JACKSON	BLCT	19920224KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	496918	20463.0	
not affected by terrain losses	495638	20338.4	
lost to NTSC IX	3721	337.4	
lost to additional IX by ATV	1838	128.5	
lost to all IX	5559	466.0	

Potential Interfering Stations Included in above Scenario 2

16N AR LITTLE ROCK	BLCT	19830629KE	LIC
16N IL OLNEY	BMLET	20030515AAM	LIC
30N TN MEMPHIS	BMLCT	20050427ABQ	LIC
16A MS WEST POINT	DTVPLN	DTVP0228	PLN
31A TN MEMPHIS	BLCDDT	20050427ABN	LIC

## After Analysis

Results for: 16N TN JACKSON	BLCT	19920224KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	496918	20463.0	
not affected by terrain losses	495638	20338.4	
lost to NTSC IX	3721	337.4	
lost to additional IX by ATV	1977	132.6	
lost to all IX	5698	470.0	

Potential Interfering Stations Included in above Scenario 2

16N AR LITTLE ROCK	BLCT	19830629KE	LIC
16N IL OLNEY	BMLET	20030515AAM	LIC
30N TN MEMPHIS	BMLCT	20050427ABQ	LIC
16A MS WEST POINT	DTVPLN	DTVP0228	PLN
31A TN MEMPHIS	BLCDT	20050427ABN	LIC
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent new DTV interference without proposal:	0.4	BLCT	19920224KF
*Percent new DTV interference with proposal:	0.4	BLCT	19920224KF

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## Analysis of Interference to Affected Station 12

## DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
17	WKPC-DT	LOUISVILLE KY	DTVPLN -DTVP0262

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WUSITV	OLNEY IL	206.4	PLN	DTVPLN -NPLN0950
16	WHMB-DT	INDIANAPOLIS IN	172.8	PLN	DTVPLN -DTVP0217
16	WKNT-DT	BOWLING GREEN KY	151.0	PLN	DTVPLN -DTVP0220
16	WPTD	DAYTON OH	203.2	PLN	DTVPLN -NPLN0960
17	WAND	DECATUR IL	312.9	PLN	DTVPLN -NPLN0985
17	WTCT-DT	MARION IL	293.8	PLN	DTVPLN -DTVP0258
17	WYIN-DT	GARY IN	357.4	PLN	DTVPLN -DTVP0259
17	WUXA-DT	PORTSMOUTH OH	244.7	PLN	DTVPLN -DTVP0275
17	WTOL-DT	TOLEDO OH	422.5	PLN	DTVPLN -DTVP0276
17	WKOP-DT	KNOXVILLE TN	311.4	PLN	DTVPLN -DTVP0282
17	WZTV	NASHVILLE TN	263.8	PLN	DTVPLN -NPLN1003
18	WKYU-DT	BOWLING GREEN KY	154.2	PLN	DTVPLN -DTVP0306
18	WLEXTV	LEXINGTON KY	122.1	PLN	DTVPLN -NPLN1019

Results for: 17A KY LOUISVILLE                      DTVPLN      DTVP0262      PLN  
 HAAT 262.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1299983	13948.4
not affected by terrain losses	1296862	13855.6
lost to NTSC IX	307	12.1
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	307	12.1

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	WKPCTV	LOUISVILLE KY	DTVPLN	-NPLN0923

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WTIU-DT	BLOOMINGTON IN	103.6	PLN	DTVPLN	-DTV0128
14	WFIETV	EVANSVILLE IN	156.9	PLN	DTVPLN	-NPLN0887
14	WKSO-DT	SOMERSET KY	160.1	PLN	DTVPLN	-DTV0130
14	WPTO	OXFORD OH	158.2	PLN	DTVPLN	-NPLN0898
15	WICD	CHAMPAIGN IL	260.6	PLN	DTVPLN	-NPLN0920
15	WSEC-DT	JACKSONVILLE IL	404.6	PLN	DTVPLN	-DTV0168
15	WANETV	FORT WAYNE IN	308.1	PLN	DTVPLN	-NPLN0921
15	WKMR-DT	MOREHEAD KY	212.8	PLN	DTVPLN	-DTV0169
15	WKOPTV	KNOXVILLE TN	311.4	PLN	DTVPLN	-NPLN0934
15	WZTV-DT	NASHVILLE TN	263.8	PLN	DTVPLN	-DTV0192
15	WTAPT	PARKERSBURG WV	385.0	PLN	DTVPLN	-NPLN0943
16	WUSITV	OLNEY IL	206.4	PLN	DTVPLN	-NPLN0950
16	WHMB-DT	INDIANAPOLIS IN	172.8	PLN	DTVPLN	-DTV0217
16	WKNT-DT	BOWLING GREEN KY	151.0	PLN	DTVPLN	-DTV0220
16	WPTD	DAYTON OH	203.2	PLN	DTVPLN	-NPLN0960
17	WKPC-DT	LOUISVILLE KY	0.0	PLN	DTVPLN	-DTV0262
18	WLEXTV	LEXINGTON KY	122.1	PLN	DTVPLN	-NPLN1019
19	WGRB-DT	CAMPBELLSVILLE KY	141.0	PLN	DTVPLN	-DTV0354
19	WXIXTV	NEWPORT KY	139.4	PLN	DTVPLN	-NPLN1044
22	WVUT	VINCENNES IN	146.6	PLN	DTVPLN	-NPLN1142
22	WLEX-DT	LEXINGTON KY	122.1	PLN	DTVPLN	-DTV0483
22	WKEF	DAYTON OH	202.5	PLN	DTVPLN	-NPLN1150
23	WKZTTV	ELIZABETHTOWN KY	76.2	PLN	DTVPLN	-NPLN1175
29	WXIX-DT	NEWPORT KY	139.4	PLN	DTVPLN	-DTV0744
29	WKSOTV	SOMERSET KY	160.1	PLN	DTVPLN	-NPLN1357
30	WTIU	BLOOMINGTON IN	103.6	PLN	DTVPLN	-NPLN1381

Results for: 15N KY LOUISVILLE                      DTVPLN      NPLN0923      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1299983	13948.4
not affected by terrain losses	1291397	13593.4
lost to NTSC IX	8092	318.7
lost to additional IX by ATV	3660	169.4
lost to all IX	11752	488.1



## Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	WKPC-DT	LOUISVILLE KY	DTVPLN -DTVP0262

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WUSI-TV	OLNEY IL	206.4	LIC	BMLET -20030515AAM
16	WHMB-DT	INDIANAPOLIS IN	172.8	PLN	DTVPLN -DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	172.8	LIC	BLCDDT -20060619AAG
16	WKNT-DT	BOWLING GREEN KY	151.0	PLN	DTVPLN -DTVP0220
16	WPTD	DAYTON OH	203.2	LIC	BLET -19920807KG
17	WAND	DECATUR IL	312.9	LIC	BLCT -19790612KG
17	WTCT	MARION IL	293.8	CP MOD	BMPCDDT -20011119AAX
17	WTCT-DT	MARION IL	293.8	PLN	DTVPLN -DTVP0258
17	WTCT	MARION IL	293.8	LIC	BLCDDT -20060629ACN
17	WYIN	GARY IN	357.4	LIC	BLEDT -20040206AAA
17	WYIN-DT	GARY IN	357.4	PLN	DTVPLN -DTVP0259
17	WUXA-DT	PORTSMOUTH OH	244.7	PLN	DTVPLN -DTVP0275
17	WQCW	PORTSMOUTH OH	244.7	LIC	BLCDDT -20060630AFJ
17	WTOL-DT	TOLEDO OH	422.5	PLN	DTVPLN -DTVP0276
17	WKOP-TV	KNOXVILLE TN	311.5	LIC	BLEDT -20040405ACC
17	WKOP-DT	KNOXVILLE TN	311.4	PLN	DTVPLN -DTVP0282
17	WZTV	NASHVILLE TN	248.8	CP	BPCT -20010529ABM
18	WKYU-DT	BOWLING GREEN KY	154.2	PLN	DTVPLN -DTVP0306
18	WLEX-TV	LEXINGTON KY	122.1	LIC	BLCT -19850221KF
18	WBDT	SPRINGFIELD OH	203.2	LIC	BLCDDT -20030224ABC
16	WNKY	BOWLING GREEN KY	151.2	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 13

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
17	WZTV	NASHVILLE TN	DTVPLN -NPLN1003

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WZTV-DT	NASHVILLE TN	0.0	PLN	DTVPLN -DTVP0192
16	WELF-DT	DALTON GA	188.3	PLN	DTVPLN -DTVP0211
16	WKNT-DT	BOWLING GREEN KY	117.2	PLN	DTVPLN -DTVP0220
16	WMTU	JACKSON TN	205.1	PLN	DTVPLN -NPLN0969
17	WDBB	BESSEMER AL	299.7	PLN	DTVPLN -NPLN0977
17	WTBS	ATLANTA GA	345.8	PLN	DTVPLN -NPLN0983
17	WTCT-DT	MARION IL	248.2	PLN	DTVPLN -DTVP0258
17	WKPC-DT	LOUISVILLE KY	263.8	PLN	DTVPLN -DTVP0262
17	WKOP-DT	KNOXVILLE TN	263.3	PLN	DTVPLN -DTVP0282
18	WKYU-DT	BOWLING GREEN KY	109.6	PLN	DTVPLN -DTVP0306
21	WUXP-DT	NASHVILLE TN	15.1	PLN	DTVPLN -DTVP0457
24	WKYUTV	BOWLING GREEN KY	109.6	PLN	DTVPLN -NPLN1209
31	WAAYTV	HUNTSVILLE AL	158.8	PLN	DTVPLN -NPLN1398
31	WKOH	OWENSBORO KY	194.6	PLN	DTVPLN -NPLN1406

Results for: 17N TN NASHVILLE	DTVPLN	NPLN1003	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	2025	72.0	
lost to additional IX by ATV	8558	332.2	
lost to all IX	10583	404.2	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WZTV	NASHVILLE TN	BPCT	-20010529ABM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WZTV-DT	NASHVILLE TN	15.1	PLN	DTVPLN	-DTVP0192
15	WZTV	NASHVILLE TN	0.0	LIC	BLCDDT	-20050309ACM
16	WELF-TV	DALTON GA	193.7	LIC	BLCDDT	-20060301ADC
16	WELF-DT	DALTON GA	193.7	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	102.2	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	101.8	CP MOD	BMPCDDT	-20041105AZO
17	WDBB	BESSEMER AL	314.2	LIC	BLCT	-20030304AAA
17	WTBS	ATLANTA GA	352.1	LIC	BLCT	-2402
17	WTCT	MARION IL	244.8	CP MOD	BMPCDDT	-20011119AAX
17	WTCT-DT	MARION IL	244.8	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	244.8	LIC	BLCDDT	-20060629ACN
17	WKPC-DT	LOUISVILLE KY	248.8	PLN	DTVPLN	-DTVP0262
17	WKOP-TV	KNOXVILLE TN	256.5	LIC	BLEDDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	257.8	PLN	DTVPLN	-DTVP0282
18	WKYU-DT	BOWLING GREEN KY	94.6	PLN	DTVPLN	-DTVP0306
21	WUXP-DT	NASHVILLE TN	0.0	PLN	DTVPLN	-DTVP0457
21	WUXP-TV	NASHVILLE TN	0.0	CP MOD	BMPCDDT	-20010525AAJ
24	WKYU-TV	BOWLING GREEN KY	94.5	LIC	BMLETT	-20040921ADS
31	WAAY-TV	HUNTSVILLE AL	171.4	LIC	BLCT	-20041116ADK
31	WKOH	OWENSBORO KY	182.8	LIC	BLCT	-19800221IA
16	WNKY	BOWLING GREEN KY	101.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 19  
Scenario 1 Affected station 13  
Before Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	65641	1363.4	
lost to all IX	97101	1923.1	

Potential Interfering Stations Included in above Scenario 1

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

After Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	63072	1323.4	
lost to all IX	94532	1883.1	

Potential Interfering Stations Included in above Scenario 1

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent new DTV interference without proposal:	3.6	BPCT	20010529ABM
*Percent new DTV interference with proposal:	3.5	BPCT	20010529ABM

Result key: 20  
 Scenario 2 Affected station 13  
 Before Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	63766	1327.4	
lost to all IX	95226	1887.1	

Potential Interfering Stations Included in above Scenario 2

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	61197	1287.4	
lost to all IX	92657	1847.2	

Potential Interfering Stations Included in above Scenario 2

17N AL BESSEMER	BLCT	20030304AAA	LIC		
17N GA ATLANTA	BLCT	2402	LIC		
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC		
17A IL MARION	BMPCDT	20011119AAX	CP		
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN		
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN		
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN		
16A KY BOWLING GREEN	USERRECORD01		APP		
*Percent new DTV interference without proposal:		3.5	BPCT	20010529ABM	
*Percent new DTV interference with proposal:		3.4	BPCT	20010529ABM	

Result key: 21  
 Scenario 3 Affected station 13  
 Before Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	73052	1935.1	
lost to all IX	104512	2494.9	

Potential Interfering Stations Included in above Scenario 3

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	70483	1899.1	
lost to all IX	101943	2458.9	

Potential Interfering Stations Included in above Scenario 3

17N AL BESSEMER	BLCT	20030304AAA	LIC		
17N GA ATLANTA	BLCT	2402	LIC		
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC		
17A IL MARION	BLCDT	20060629ACN	LIC		
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN		
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC		
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN		
16A KY BOWLING GREEN	USERRECORD01		APP		
*Percent new DTV interference without proposal:		4.0	BPCT	20010529ABM	
*Percent new DTV interference with proposal:		3.9	BPCT	20010529ABM	

Result key: 22  
 Scenario 4 Affected station 13  
 Before Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	71177	1899.1	
lost to all IX	102637	2458.9	

Potential Interfering Stations Included in above Scenario 4

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 17N TN NASHVILLE	BPCT	20010529ABM	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1821114	28087.2	
not affected by terrain losses	1804308	27139.6	
lost to NTSC IX	31460	559.7	
lost to additional IX by ATV	68608	1863.2	
lost to all IX	100068	2422.9	

Potential Interfering Stations Included in above Scenario 4

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	USERRECORD01		APP
*Percent new DTV interference without proposal:	3.9	BPCT	20010529ABM
*Percent new DTV interference with proposal:	3.8	BPCT	20010529ABM

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## Analysis of Interference to Affected Station 14

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WZTV	NASHVILLE TN	BLCT	-19920924KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WHDF	FLORENCE AL	128.9	LIC	BLCDDT	-20051206AAB
15	WHDF	FLORENCE AL	128.9	LIC	BLCT	-20050902ABG
15	WZTV-DT	NASHVILLE TN	0.0	PLN	DTVPLN	-DTVP0192
15	WZTV	NASHVILLE TN	15.1	LIC	BLCDDT	-20050309ACM
16	WELF-TV	DALTON GA	188.3	LIC	BLCDDT	-20060301ADC
16	WELF-DT	DALTON GA	188.3	PLN	DTVPLN	-DTVP0211
16	WKNT-DT	BOWLING GREEN KY	117.2	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	116.7	CP MOD	BMPCDDT	-20041105AZO
16	WJKT	JACKSON TN	205.1	LIC	BLCT	-19920224KF
17	WDBB	BESSEMER AL	299.7	LIC	BLCT	-20030304AAA
17	WTBS	ATLANTA GA	345.8	LIC	BLCT	-2402
17	WTCT	MARION IL	248.2	CP MOD	BMPCDDT	-20011119AAX
17	WTCT-DT	MARION IL	248.2	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	248.2	LIC	BLCDDT	-20060629ACN
17	WKPC-DT	LOUISVILLE KY	263.8	PLN	DTVPLN	-DTVP0262
17	WKOP-TV	KNOXVILLE TN	261.9	LIC	BLEDT	-20040405ACC
17	WKOP-DT	KNOXVILLE TN	263.3	PLN	DTVPLN	-DTVP0282
18	WKYU-DT	BOWLING GREEN KY	109.6	PLN	DTVPLN	-DTVP0306

21	WUXP-DT	NASHVILLE TN	15.1	PLN	DTVPLN	-DTVP0457
21	WUXP-TV	NASHVILLE TN	15.1	CP MOD	BMPCDT	-20010525AAJ
24	WKYU-TV	BOWLING GREEN KY	109.5	LIC	BMLET	-20040921ADS
31	WAAY-TV	HUNTSVILLE AL	159.0	LIC	BLCT	-20041116ADK
31	WKOH	OWENSBORO KY	194.6	LIC	BLCT	-19800221IA
16	WNKY	BOWLING GREEN KY	116.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 23  
 Scenario 1 Affected station 14  
 Before Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	17795	1124.7	
lost to all IX	26564	1436.8	

Potential Interfering Stations Included in above Scenario 1

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

After Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	16090	1092.6	
lost to all IX	24859	1404.8	

Potential Interfering Stations Included in above Scenario 1

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	USERRECORD01		APP

\*Percent new DTV interference without proposal: 1.1 BLCT 19920924KF

\*Percent new DTV interference with proposal: 1.0 BLCT 19920924KF

Result key: 24  
 Scenario 2 Affected station 14  
 Before Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	17417	1112.6	
lost to all IX	26186	1424.8	

Potential Interfering Stations Included in above Scenario 2

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

After Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	15712	1080.6	
lost to all IX	24481	1392.8	

Potential Interfering Stations Included in above Scenario 2

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BMPCDT	20011119AAX	CP
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	1.0	BLCT	19920924KF
*Percent new DTV interference with proposal:	0.9	BLCT	19920924KF



Result key: 25  
 Scenario 3 Affected station 14  
 Before Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	30190	1765.0	
lost to all IX	38959	2077.2	

Potential Interfering Stations Included in above Scenario 3

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

After Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	28701	1741.0	
lost to all IX	37470	2053.2	

Potential Interfering Stations Included in above Scenario 3

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	BLEDT	20040405ACC	LIC
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	1.8	BLCT	19920924KF
*Percent new DTV interference with proposal:	1.7	BLCT	19920924KF

Result key: 26  
 Scenario 4 Affected station 14

## Before Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	30035	1757.0	
lost to all IX	38804	2069.2	

Potential Interfering Stations Included in above Scenario 4

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	DTVPLN	DTVP0220	PLN

## After Analysis

Results for: 17N TN NASHVILLE	BLCT	19920924KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1685943	24726.4	
not affected by terrain losses	1669523	23817.8	
lost to NTSC IX	8769	312.2	
lost to additional IX by ATV	28546	1733.0	
lost to all IX	37315	2045.2	

Potential Interfering Stations Included in above Scenario 4

17N AL BESSEMER	BLCT	20030304AAA	LIC
17N GA ATLANTA	BLCT	2402	LIC
24N KY BOWLING GREEN	BMLET	20040921ADS	LIC
17A IL MARION	BLCDDT	20060629ACN	LIC
17A KY LOUISVILLE	DTVPLN	DTVP0262	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0282	PLN
18A KY BOWLING GREEN	DTVPLN	DTVP0306	PLN
16A KY BOWLING GREEN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	1.8	BLCT	19920924KF
*Percent new DTV interference with proposal:	1.7	BLCT	19920924KF

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## Analysis of Interference to Affected Station 15

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	WLCN	MADISONVILLE KY	DTVPLN	-NPLN1043

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKNT-DT	BOWLING GREEN KY	126.9	PLN	DTVPLN	-DTVP0220
17	WTCT-DT	MARION IL	133.1	PLN	DTVPLN	-DTVP0258
18	WKYU-DT	BOWLING GREEN KY	104.0	PLN	DTVPLN	-DTVP0306
19	WHNTTV	HUNTSVILLE AL	310.3	PLN	DTVPLN	-NPLN1038
19	KTEJ	JONESBORO AR	334.4	PLN	DTVPLN	-NPLN1039
19	WUSI-DT	OLNEY IL	167.0	PLN	DTVPLN	-DTVP0351
19	WHOI	PEORIA IL	401.7	PLN	DTVPLN	-NPLN1042
19	WGRB-DT	CAMPBELLSVILLE KY	197.9	PLN	DTVPLN	-DTVP0354
19	WXIX-TV	NEWPORT KY	321.9	PLN	DTVPLN	-NPLN1044
20	WLCN-DT	MADISONVILLE KY	0.0	PLN	DTVPLN	-DTVP0397
21	WKMU	MURRAY KY	120.2	PLN	DTVPLN	-NPLN1109
22	WVUT	VINCENNES IN	137.8	PLN	DTVPLN	-NPLN1142
27	WTCT	MARION IL	133.1	PLN	DTVPLN	-NPLN1300
33	WBKO-DT	BOWLING GREEN KY	104.0	PLN	DTVPLN	-DTVP0902
34	WSIL-DT	HARRISBURG IL	120.8	PLN	DTVPLN	-DTVP0936
34	WGRB	CAMPBELLSVILLE KY	197.9	PLN	DTVPLN	-NPLN1475

Results for: 19N KY MADISONVILLE		DTVPLN	NPLN1043	PLN
	POPULATION	AREA (sq km)		
within Noise Limited Contour	579586	14492.2		
not affected by terrain losses	577873	14318.7		
lost to NTSC IX	3125	137.2		
lost to additional IX by ATV	35142	411.6		
lost to all IX	38267	548.9		

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WAZE-TV	MADISONVILLE KY	BLCT	-19921030KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKNT-DT	BOWLING GREEN KY	126.9	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	126.5	CP MOD	BMPCDT	-20041105AZO
17	WTCT	MARION IL	133.1	CP MOD	BMPCDT	-20011119AAX
17	WTCT-DT	MARION IL	133.1	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	133.1	LIC	BLCDT	-20060629ACN
18	WKYU-DT	BOWLING GREEN KY	104.0	PLN	DTVPLN	-DTVP0306
19	WHNT-TV	HUNTSVILLE AL	310.3	LIC	BLCT	-20011116ABY
19	KTEJ	JONESBORO AR	334.4	LIC	BLET	-20060627AAF
19	WUSI-DT	OLNEY IL	167.0	PLN	DTVPLN	-DTVP0351
19	WHOI	PEORIA IL	401.7	LIC	BLCT	-19880803KGG
19	WGRB-DT	CAMPBELLSVILLE KY	197.9	PLN	DTVPLN	-DTVP0354
19	WBKI-TV	CAMPBELLSVILLE KY	183.9	CP	BPCDT	-19991101AKV
19	WXIX-TV	NEWPORT KY	321.9	LIC	BLCT	-19851107KH

20	WLCN-DT	MADISONVILLE KY	0.0	PLN	DTVPLN	-DTVP0397
20	WAZE-TV	MADISONVILLE KY	0.3	CP	BPCDT	-19991101AHC
21	WKMU	MURRAY KY	120.2	LIC	BLET	-19830812KO
22	WVUT	VINCENNES IN	137.8	LIC	BLET	-344
27	WTCT	MARION IL	133.1	LIC	BLCT	-19881003KG
33	WBKO-DT	BOWLING GREEN KY	104.0	PLN	DTVPLN	-DTVP0902
34	WSIL-TV	HARRISBURG IL	120.8	CP	BPCDT	-19991019ABM
34	WSIL-DT	HARRISBURG IL	120.8	PLN	DTVPLN	-DTVP0936
34	WBKI-TV	CAMPBELLSVILLE KY	183.9	LIC	BLCT	-20001109ABF
16	WNKY	BOWLING GREEN KY	126.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 16

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
23	WKZTTV	ELIZABETHTOWN KY	DTVPLN	-NPLN1175

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WKPCTV	LOUISVILLE KY	76.2	PLN	DTVPLN	-NPLN0923
16	WKNT-DT	BOWLING GREEN KY	77.5	PLN	DTVPLN	-DTVP0220
19	WGRB-DT	CAMPBELLSVILLE KY	74.0	PLN	DTVPLN	-DTVP0354
21	WBNA	LOUISVILLE KY	39.8	PLN	DTVPLN	-NPLN1108
22	WVUT	VINCENNES IN	178.9	PLN	DTVPLN	-NPLN1142
22	WLEX-DT	LEXINGTON KY	126.3	PLN	DTVPLN	-DTVP0483
22	WCTE	COOKEVILLE TN	173.4	PLN	DTVPLN	-NPLN1156
23	WELF	DALTON GA	306.2	PLN	DTVPLN	-NPLN1170
23	WFHL	DECATUR IL	363.6	PLN	DTVPLN	-NPLN1172
23	WNDYTV	MARION IN	274.4	PLN	DTVPLN	-NPLN1174
23	KBSI	CAPE GIRARDEAU MO	329.2	PLN	DTVPLN	-NPLN1179
23	WPMC-DT	JELLICO TN	204.5	PLN	DTVPLN	-DTVP0542
23	WNAB-DT	NASHVILLE TN	210.4	PLN	DTVPLN	-DTVP0543
23	WSAZ-DT	HUNTINGTON WV	330.0	PLN	DTVPLN	-DTVP0550
24	WKYUTV	BOWLING GREEN KY	86.3	PLN	DTVPLN	-NPLN1209
24	WCVN-DT	COVINGTON KY	189.8	PLN	DTVPLN	-DTVP0568
26	WLKY-DT	LOUISVILLE KY	76.4	PLN	DTVPLN	-DTVP0639
27	WKYTTV	LEXINGTON KY	132.4	PLN	DTVPLN	-NPLN1304
30	WTIU	BLOOMINGTON IN	172.0	PLN	DTVPLN	-NPLN1381
30	WKOH-DT	OWENSBORO KY	132.0	PLN	DTVPLN	-DTVP0788
30	WUXP	NASHVILLE TN	178.8	PLN	DTVPLN	-NPLN1393
31	WKOH	OWENSBORO KY	132.0	PLN	DTVPLN	-NPLN1406
38	WBAKTV	TERRE HAUTE IN	219.1	PLN	DTVPLN	-NPLN1542
38	WKMJ-DT	LOUISVILLE KY	76.2	PLN	DTVPLN	-DTVP1046
38	WKMR	MOREHEAD KY	220.6	PLN	DTVPLN	-NPLN1544

Results for: 23N KY ELIZABETHTOWN	DTVPLN	NPLN1175	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	807093	12217.1	
not affected by terrain losses	757825	11903.4	
lost to NTSC IX	296266	973.2	
lost to additional IX by ATV	1315	52.3	
lost to all IX	297581	1025.5	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WKZT-TV	ELIZABETHTOWN KY	BLET	-19830404KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WKPC-TV	LOUISVILLE KY	76.1	LIC	BLET	-19981105KE
16	WKNT-DT	BOWLING GREEN KY	77.5	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	77.8	CP MOD	BMPCDT	-20041105AZO
19	WGRB-DT	CAMPBELLSVILLE KY	74.0	PLN	DTVPLN	-DTVP0354
19	WBKI-TV	CAMPBELLSVILLE KY	38.7	CP	BPCDT	-19991101AKV
21	WBNA	LOUISVILLE KY	39.8	LIC	BLCT	-19890201KS
22	WVUT	VINCENNES IN	178.9	LIC	BLET	-344
22	WLEX-DT	LEXINGTON KY	126.3	PLN	DTVPLN	-DTVP0483
22	WCTE	COOKEVILLE TN	173.4	LIC	BLET	-19880802KE
23	WELF-TV	DALTON GA	306.2	LIC	BLCT	-19940516KE
23	WBUI	DECATUR IL	361.5	LIC	BLCT	-20010406ABK
23	WNDY-TV	MARION IN	274.4	LIC	BLCT	-19990430KE
23	KBSI	CAPE GIRARDEAU MO	329.2	LIC	BLCT	-20050225ABQ
23	WPXK	JELLICO TN	218.4	LIC	BLCDDT	-20020510AAJ
23	WPMC-DT	JELLICO TN	204.5	PLN	DTVPLN	-DTVP0542
23	WNAB	NASHVILLE TN	178.9	LIC	BLCDDT	-20040712AAO
23	WNAB-DT	NASHVILLE TN	210.4	PLN	DTVPLN	-DTVP0543
23	WSAZ-TV	HUNTINGTON WV	330.0	CP	BPCDT	-19991029AFE
23	WSAZ-DT	HUNTINGTON WV	330.0	PLN	DTVPLN	-DTVP0550
24	WKYU-TV	BOWLING GREEN KY	86.4	LIC	BMLET	-20040921ADS
24	WCVN-DT	COVINGTON KY	189.8	PLN	DTVPLN	-DTVP0568
26	WLKY-TV	LOUISVILLE KY	76.4	LIC	BLCDDT	-20030129AFL
26	WLKY-DT	LOUISVILLE KY	76.4	PLN	DTVPLN	-DTVP0639
27	WKYT-TV	LEXINGTON KY	132.4	LIC	BLCT	-19890526KE
30	WTIU	BLOOMINGTON IN	172.0	LIC	BLET	-20020919ABC
30	WKOH-DT	OWENSBORO KY	132.0	PLN	DTVPLN	-DTVP0788
30	WUXP-TV	NASHVILLE TN	178.9	LIC	BLCT	-20041014AFP
31	WKOH	OWENSBORO KY	131.9	LIC	BLCT	-19800221IA
38	WFXW	TERRE HAUTE IN	218.9	LIC	BLCT	-20031022AAD
38	WKMJ-DT	LOUISVILLE KY	76.2	PLN	DTVPLN	-DTVP1046
38	WKMR	MOREHEAD KY	220.6	LIC	BLET	-19830725KL
16	WNKY	BOWLING GREEN KY	77.8	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 17

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	WKYUTV	BOWLING GREEN KY	DTVPLN	-NPLN1209

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKNT-DT	BOWLING GREEN KY	23.5	PLN	DTVPLN	-DTVP0220
17	WZTV	NASHVILLE TN	109.6	PLN	DTVPLN	-NPLN1003
20	WLCN-DT	MADISONVILLE KY	104.0	PLN	DTVPLN	-DTVP0397
21	WBNA	LOUISVILLE KY	123.2	PLN	DTVPLN	-NPLN1108
21	WUXP-DT	NASHVILLE TN	94.6	PLN	DTVPLN	-DTVP0457
22	WCTE	COOKEVILLE TN	138.9	PLN	DTVPLN	-NPLN1156
23	WKZTTV	ELIZABETHTOWN KY	86.3	PLN	DTVPLN	-NPLN1175
23	WNAB-DT	NASHVILLE TN	129.4	PLN	DTVPLN	-DTVP0543
24	WHIQ-DT	HUNTSVILLE AL	258.8	PLN	DTVPLN	-DTVP0553
24	WNEG-DT	TOCCOA GA	388.1	PLN	DTVPLN	-DTVP0563
24	WTHI-DT	TERRE HAUTE IN	256.0	PLN	DTVPLN	-DTVP0567
24	WCVN-DT	COVINGTON KY	276.1	PLN	DTVPLN	-DTVP0568
24	WKPI-DT	PIKEVILLE KY	347.2	PLN	DTVPLN	-DTVP0569
24	KNLC	ST. LOUIS MO	389.4	PLN	DTVPLN	-NPLN1214
24	WPTYTV	MEMPHIS TN	366.4	PLN	DTVPLN	-NPLN1225
25	WEHT	EVANSVILLE IN	133.8	PLN	DTVPLN	-NPLN1244
27	WKRN-DT	NASHVILLE TN	118.5	PLN	DTVPLN	-DTVP0690
28	WTVW-DT	EVANSVILLE IN	134.3	PLN	DTVPLN	-DTVP0709
31	WKOH	OWENSBORO KY	117.8	PLN	DTVPLN	-NPLN1406
38	WHTN-DT	MURFREESBORO TN	109.2	PLN	DTVPLN	-DTVP1068
39	WHTN	MURFREESBORO TN	109.2	PLN	DTVPLN	-NPLN1569

Results for: 24N KY BOWLING GREEN	DTVPLN	NPLN1209	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	282853	10561.3	
not affected by terrain losses	279572	10457.1	
lost to NTSC IX	7674	516.6	
lost to additional IX by ATV	3735	240.3	
lost to all IX	11409	757.0	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WKYU-TV	BOWLING GREEN KY	BMLET	-20040921ADS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKNT-DT	BOWLING GREEN KY	23.5	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	23.0	CP MOD	BMPCDT	-20041105AZO
17	WZTV	NASHVILLE TN	94.5	CP	BPCT	-20010529ABM
20	WLCN-DT	MADISONVILLE KY	104.0	PLN	DTVPLN	-DTVP0397
20	WAZE-TV	MADISONVILLE KY	104.1	CP	BPCDT	-19991101AHC
21	WBNA	LOUISVILLE KY	123.3	LIC	BLCT	-19890201KS
21	WUXP-DT	NASHVILLE TN	94.5	PLN	DTVPLN	-DTVP0457
21	WUXP-TV	NASHVILLE TN	94.5	CP MOD	BMPCDT	-20010525AAJ
22	WCTE	COOKEVILLE TN	138.8	LIC	BLET	-19880802KE
23	WKZT-TV	ELIZABETHTOWN KY	86.4	LIC	BLET	-19830404KF
23	WNAB	NASHVILLE TN	94.5	LIC	BLCDT	-20040712AAO
23	WNAB-DT	NASHVILLE TN	129.3	PLN	DTVPLN	-DTVP0543
24	WHIQ-DT	HUNTSVILLE AL	258.7	PLN	DTVPLN	-DTVP0553
24	WHIQ	HUNTSVILLE AL	258.7	LIC	BLEDT	-20060927ALU
24	WNEG-TV	TOCCOA GA	388.1	CP	BPCDT	-19991026ABM
24	WNEG-DT	TOCCOA GA	388.1	PLN	DTVPLN	-DTVP0563
24	WTHI-DT	TERRE HAUTE IN	256.1	PLN	DTVPLN	-DTVP0567
24	WCVN-DT	COVINGTON KY	276.2	PLN	DTVPLN	-DTVP0568
24	WKPI-DT	PIKEVILLE KY	347.2	PLN	DTVPLN	-DTVP0569
24	KNLC	ST. LOUIS MO	389.3	CP	BPCT	-20051129AFH
24	WPTY-TV	MEMPHIS TN	359.7	LIC	BMLCT	-20050427ABO
25	WEHT	EVANSVILLE IN	133.9	LIC	BLCT	-2510
27	WKRN-DT	NASHVILLE TN	118.4	PLN	DTVPLN	-DTVP0690
28	WTVW-DT	EVANSVILLE IN	134.4	PLN	DTVPLN	-DTVP0709
28	WNPX	COOKEVILLE TN	112.6	LIC	BLCT	-19980626KE
31	WKOH	OWENSBORO KY	117.8	LIC	BLCT	-19800221IA
38	WHTN	MURFREESBORO TN	109.0	LIC	BLCDT	-20060627AAY
38	WHTN-DT	MURFREESBORO TN	109.1	PLN	DTVPLN	-DTVP1068
39	WHTN	MURFREESBORO TN	109.0	CP	BPCT	-20020509AAS
16	WNKY	BOWLING GREEN KY	23.0	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 18

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WJDE-LP	NASHVILLE TN	BLTTA	-20001208AEY

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKNT-DT	BOWLING GREEN KY	110.4	PLN	DTVPLN	-DTVP0220
16	WNKY	BOWLING GREEN KY	109.9	CP MOD	BMPCDT	-20041105AZO
17	WZTV	NASHVILLE TN	11.5	CP	BPCT	-20010529ABM
21	WUXP-DT	NASHVILLE TN	11.5	PLN	DTVPLN	-DTVP0457
21	WUXP-TV	NASHVILLE TN	11.5	CP MOD	BMPCDT	-20010525AAJ
23	WNAB	NASHVILLE TN	11.5	LIC	BLCDDT	-20040712AAO
23	WNAB-DT	NASHVILLE TN	27.2	PLN	DTVPLN	-DTVP0543
24	WHIQ-DT	HUNTSVILLE AL	159.9	PLN	DTVPLN	-DTVP0553
24	WHIQ	HUNTSVILLE AL	160.0	LIC	BLEDT	-20060927ALU
24	WNEG-TV	TOCCOA GA	352.6	CP	BPCDDT	-19991026ABM
24	WNEG-DT	TOCCOA GA	352.6	PLN	DTVPLN	-DTVP0563
24	WTHI-DT	TERRE HAUTE IN	346.7	PLN	DTVPLN	-DTVP0567
24	WKYU-TV	BOWLING GREEN KY	104.2	LIC	BMLET	-20040921ADS
24	WCVN-DT	COVINGTON KY	375.5	PLN	DTVPLN	-DTVP0568
24	WQTV-LP	MURRAY KY	146.8	LIC	BLTTL	-20010425AAF
24	WPTY-TV	MEMPHIS TN	289.4	LIC	BMLCT	-20050427ABO
27	WKRN-DT	NASHVILLE TN	14.3	PLN	DTVPLN	-DTVP0690
38	WHTN	MURFREESBORO TN	31.1	LIC	BLCDDT	-20060627AAY
38	WHTN-DT	MURFREESBORO TN	31.0	PLN	DTVPLN	-DTVP1068
39	WHTN	MURFREESBORO TN	31.1	CP	BPCT	-20020509AAS
16	WNKY	BOWLING GREEN KY	109.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 19

## DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
16	WKNT-DT	BOWLING GREEN KY	DTVPLN -DTVP0220

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WKPCTV	LOUISVILLE KY	151.0	PLN	DTVPLN -NPLN0923
15	WZTV-DT	NASHVILLE TN	117.2	PLN	DTVPLN -DTVP0192
16	WELF-DT	DALTON GA	242.3	PLN	DTVPLN -DTVP0211
16	WUSITV	OLNEY IL	263.7	PLN	DTVPLN -NPLN0950
16	WHMB-DT	INDIANAPOLIS IN	317.7	PLN	DTVPLN -DTVP0217
16	WKHA-DT	HAZARD KY	265.1	PLN	DTVPLN -DTVP0221
16	WPTD	DAYTON OH	342.2	PLN	DTVPLN -NPLN0960
16	WGGSTV	GREENVILLE SC	410.6	PLN	DTVPLN -NPLN0967
16	WMTU	JACKSON TN	296.6	PLN	DTVPLN -NPLN0969
17	WKPC-DT	LOUISVILLE KY	151.0	PLN	DTVPLN -DTVP0262
17	WZTV	NASHVILLE TN	117.2	PLN	DTVPLN -NPLN1003

Results for: 16A KY BOWLING GREEN DTVPLN DTVP0220 PLN  
 HAAT 244.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	283544	10645.9
not affected by terrain losses	283486	10625.9
lost to NTSC IX	286	16.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	80	4.0
lost to all IX	286	16.0

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
40	WKNT	BOWLING GREEN KY	DTVPLN -NPLN1584

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WBKO-DT	BOWLING GREEN KY	23.5	PLN	DTVPLN -DTVP0902
36	WKZX-DT	COOKEVILLE TN	124.9	PLN	DTVPLN -DTVP1033
38	WHTN-DT	MURFREESBORO TN	108.6	PLN	DTVPLN -DTVP1068
39	WHTN	MURFREESBORO TN	108.6	PLN	DTVPLN -NPLN1569
40	WJSUTV	ANNISTON AL	402.9	PLN	DTVPLN -NPLN1575
40	WSIU-DT	CARBONDALE IL	295.5	PLN	DTVPLN -DTVP1121
40	WHMBTV	INDIANAPOLIS IN	317.7	PLN	DTVPLN -NPLN1583
40	WTVQ-DT	LEXINGTON KY	192.0	PLN	DTVPLN -DTVP1125
40	WBUY	HOLLY SPRINGS MS	389.4	PLN	DTVPLN -NPLN1586
40	WDSI-DT	CHATTANOOGA TN	218.3	PLN	DTVPLN -DTVP1141
41	WDRBT	LOUISVILLE KY	148.8	PLN	DTVPLN -NPLN1602
42	WKMA-DT	MADISONVILLE KY	120.1	PLN	DTVPLN -DTVP1195
43	WKZT-DT	ELIZABETHTOWN KY	77.5	PLN	DTVPLN -DTVP1226
44	WJFB-DT	LEBANON TN	99.8	PLN	DTVPLN -DTVP1281
48	WKGB-DT	BOWLING GREEN KY	41.4	PLN	DTVPLN -DTVP1392
54	WPMC	JELLICO TN	190.9	PLN	DTVPLN -NPLN1846

Results for: 40N KY BOWLING GREEN      DTVPLN      NPLN1584      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	283544	10645.9
not affected by terrain losses	281370	10433.5
lost to NTSC IX	1795	80.1
lost to additional IX by ATV	3685	224.4
lost to all IX	5480	304.5

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	WNKY	BOWLING GREEN KY	USERRECORD-01

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WKPC-TV	LOUISVILLE KY	151.2	LIC	BLET -19981105KE
15	WZTV-DT	NASHVILLE TN	116.7	PLN	DTVPLN -DTVP0192
15	WZTV	NASHVILLE TN	101.8	LIC	BLCDDT -20050309ACM
16	WELF-TV	DALTON GA	242.3	LIC	BLCDDT -20060301ADC
16	WELF-DT	DALTON GA	242.3	PLN	DTVPLN -DTVP0211
16	WUSI-TV	OLNEY IL	263.6	LIC	BMLET -20030515AAM
16	WHMB-DT	INDIANAPOLIS IN	317.9	PLN	DTVPLN -DTVP0217
16	WHMB-TV	INDIANAPOLIS IN	317.9	LIC	BLCDDT -20060619AAG
16	WKHA-DT	HAZARD KY	265.6	PLN	DTVPLN -DTVP0221
16	WPTD	DAYTON OH	342.6	LIC	BLET -19920807KG
16	WGGS-TV	GREENVILLE SC	410.9	LIC	BLCT -20060127AFA
16	WJKT	JACKSON TN	296.0	LIC	BLCT -19920224KF
17	WKPC-DT	LOUISVILLE KY	151.2	PLN	DTVPLN -DTVP0262
17	WZTV	NASHVILLE TN	101.8	CP	BPCT -20010529ABM

Total scenarios = 2

Result key: 27  
Scenario 1 Affected station 19  
Before Analysis

Results for: 16A KY BOWLING GREEN      USERRECORD01      APP

HAAT 172.0 m, ATV ERP 120.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	339767	13963.5
not affected by terrain losses	336861	13735.1
lost to NTSC IX	1622	100.2
lost to additional IX by ATV	554	56.1
lost to ATV IX only	1269	96.2
lost to all IX	2176	156.3

## Potential Interfering Stations Included in above Scenario 1

16N IL OLNEY	BMLET	20030515AAM	LIC
16N OH DAYTON	BLET	19920807KG	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
15A TN NASHVILLE	DTVPLN	DTVP0192	PLN
16A GA DALTON	BLCDDT	20060301ADC	LIC
16A KY HAZARD	DTVPLN	DTVP0221	PLN

Result key: 28  
 Scenario 2 Affected station 19  
 Before Analysis

Results for: 16A KY BOWLING GREEN USERRECORD01 APP

HAAT 172.0 m, ATV ERP 120.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	339767	13963.5
not affected by terrain losses	336861	13735.1
lost to NTSC IX	1622	100.2
lost to additional IX by ATV	3220	140.2
lost to ATV IX only	4325	204.3
lost to all IX	4842	240.4

Potential Interfering Stations Included in above Scenario 2

16N IL OLNEY	BMLET	20030515AAM	LIC
16N OH DAYTON	BLET	19920807KG	LIC
16N TN JACKSON	BLCT	19920224KF	LIC
17N TN NASHVILLE	BPCT	20010529ABM	CP
15A TN NASHVILLE	BLCDT	20050309ACM	LIC
16A GA DALTON	BLCDT	20060301ADC	LIC
16A KY HAZARD	DTVPLN	DTVP0221	PLN

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