

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-19-2011 Time: 16:54:42

Record Selected for Analysis

WBKI USERRECORD-01 US
Channel 28 ERP 15. kW HAAT 208. m RCAMSL 00401 m STRINGENT MASK
Latitude 038-21-55 Longitude 0085-50-24
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000024161 Beam tilt N Ref Azimuth 150.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	6.144	181.5	44.2
45.0	5.766	245.7	47.4
90.0	10.086	253.4	50.7
135.0	14.702	267.5	53.5
180.0	13.537	270.6	53.2
225.0	8.103	142.9	43.1
270.0	5.400	158.6	42.1
315.0	6.633	144.8	42.2

Contour Overlap to Proposed Station

Station
WBKI-CA 28 LOUISVILLE KY BLTTTL20010507AAD

Station inside contour of Digital LPTV station
WBKI 28 USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
28	WBKI		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WIPX-TV	BLOOMINGTON IN	118.5	LIC	BLCDDT	-20040406AAH
27	W27DH-D	EVANSVILLE IN	138.3	CP MOD	BMPDCTL	-20110228ABS
27	WJTS-LP	JASPER IN	95.8	LIC	BLTTA	-20001201ACI
28	W28DG	DALTON GA	405.2	CP	BNPTTL	-20000831CHX
28	WRNG-LP	RINGGOLD GA	381.4	CP	BPTTL	-20070828ACI
28	WYZZ-TV	BLOOMINGTON IL	382.4	LIC	BLCDDT	-20060609ABE
28	W28EB-D	EFFINGHAM IL	247.4	CP	BNPDCTL	-20100219ABQ
28	WSJV	ELKHART IN	362.6	CP	BPCDDT	-20090820ABW
28	WTVW	EVANSVILLE IN	138.2	CP	BPCDDT	-19991101ACY
28	W28DZ-D	TERRE HAUTE IN	165.6	CP MOD	BMPDCTL	-20110127ABQ
28	W28DD-D	LOUISA KY	283.4	LIC	BLDTT	-20080919ABS
28	WSIU-TV	CAPE GIRARDEAU MO	344.0	APP	BDRTEDT	-20100830ABG
28	KEFN-CA	ST. LOUIS MO	400.1	LIC	BLTTA	-20051128AHL
28	KEFN-CA	ST. LOUIS MO	400.1	APP	BSTA	-20110131AOZ
28	WMNO-CA	MARION OH	339.8	APP	BDISDTA	-20100805AJX
28	WPTO	OXFORD OH	140.1	LIC	BLEDT	-20040714AAQ
28	WRNG-LP	CHATTANOOGA TN	381.4	LIC	BLTTTL	-20070702AYI
28	WRNG-LP	CHATTANOOGA TN	381.4	CP	BDFCDTL	-20090820ACX
28	WJDP-LP	GATLINBURG TN	342.9	LIC	BLTTTL	-20070122AAC
28	WEZK-LP	KNOXVILLE TN	311.5	LIC	BLTTTL	-20001011ACO
28	NEW	MONTEREY TN	252.3	APP	BNPDCTL	-20090826ABH
28	WJNK-LP	NASHVILLE TN	247.9	CP	BDISDTL	-20090813ADC
28	WCYB-TV	BRISTOL VA	392.3	APP	BDRTCDT	-20090824ABQ
29	WTTK	KOKOMO IN	172.2	LIC	BLCDDT	-20090930ABD
29	W29DG-D	TERRE HAUTE IN	187.7	CP	BDCCDTL	-20061030AQO
29	NEW	BOWLING GREEN KY	133.7	APP	BNPDCTL	-20090825BHZ
29	NEW	GLASGOW KY	140.0	APP	BNPDCTL	-20090825AQM
29	WXIX-TV	NEWPORT KY	140.1	LIC	BLCDDT	-20000908ABI

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WIPX-TV	BLOOMINGTON IN	BLCDDT	-20040406AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WCCU	URBANA IL	181.9	LIC	BLCDDT	-20050317ADS
26	WCCU	URBANA IL	181.9	CP	BPCDDT	-20080620AGB
26	WLKY-TV	LOUISVILLE KY	118.3	LIC	BLCDDT	-20030129AFL

26	WBBDT	SPRINGFIELD OH	165.7	LIC	BLCDDT	-20090619AAV
27	WCIU-TV	CHICAGO IL	302.5	CP MOD	BMPCDDT	-20090105ACO
27	WCIU-TV	CHICAGO IL	302.5	LIC	BLCDDT	-20060525ADR
27	WOUB-TV	ATHENS OH	343.4	LIC	BLEDT	-20030411ABC
27	WBGU-TV	BOWLING GREEN OH	270.3	LIC	BLEDT	-20090612AFQ
27	WKRN-TV	NASHVILLE TN	378.0	LIC	BLCDDT	-20090624ABO
28	WTVW	EVANSVILLE IN	186.3	CP	BPCDDT	-19991101ACY
28	WPTO	OXFORD OH	140.9	LIC	BLEDT	-20040714AAQ
28	WBKI		118.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	W27DH-D	EVANSVILLE IN	BMPDDL -20110228ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	NEW	EVANSVILLE IN	21.9	APP	BNPDDL -20090825AZW
26	NEW	EVANSVILLE IN	0.0	APP	BNPDDL -20090825BAA
27	WIPX-TV	BLOOMINGTON IN	186.3	LIC	BLCDDT -20040406AAH
27	WJTS-LP	JASPER IN	53.6	LIC	BLTTA -20001201ACI
27	WKRN-TV	NASHVILLE TN	224.7	LIC	BLCDDT -20090624ABO
28	WTVW	EVANSVILLE IN	0.0	CP	BPCDDT -19991101ACY
28	WBKI		138.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WJTS-LP	JASPER IN	BLTTA -20001201ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WUSI-TV	OLNEY IL	115.6	LIC	BLEDT -20060619ABG
26	WLKY-TV	LOUISVILLE KY	96.7	LIC	BLCDDT -20030129AFL
27	WIPX-TV	BLOOMINGTON IN	133.6	LIC	BLCDDT -20040406AAH
27	W27DH-D	EVANSVILLE IN	53.6	CP MOD	BMPDDL -20110228ABS
27	WKRN-TV	NASHVILLE TN	258.8	LIC	BLCDDT -20090624ABO
28	WTVW	EVANSVILLE IN	53.6	CP	BPCDDT -19991101ACY
30	WKOH	OWENSBORO KY	67.3	LIC	BLEDT -20020304ALJ
42	WCLJ-TV	BLOOMINGTON IN	133.4	LIC	BLCDDT -20090616ABL
42	WKMA-TV	MADISONVILLE KY	141.0	LIC	BLEDT -20020304ALF
28	WBKI		95.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	W28DG	DALTON GA	BNPTTL -20000831CHX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WPCH-TV	ATLANTA GA	123.1	LIC	BLCDT -20050204AAD
21	WPBA	ATLANTA GA	128.1	LIC	BLEDT -20041013ABK
24	WHIQ	HUNTSVILLE AL	143.4	LIC	BLEDT -20060927ALU
24	WNEG-TV	TOCCOA GA	137.9	APP	BPCDT -20100827AAS
25	WATL	ATLANTA GA	123.1	LIC	BLCDT -20020716AAH
27	WAGA-TV	ATLANTA GA	124.3	LIC	BLCDT -20060728AEL
28	WTO	HOMWOOD AL	223.4	CP MOD	BMPCDT -20041104AMB
28	WDWW-LP	CLEVELAND GA	123.1	CP	BDFCDTL -20101102ABW
28	WDWW-LP	CLEVELAND GA	109.9	LIC	BLTTL -20070215AAL
28	WRNG-LP	RINGGOLD GA	42.6	CP	BPTTL -20070828ACI
28	WRNG-LP	CHATTANOOGA TN	42.6	CP	BDFCDTL -20090820ACX
28	WEZK-LP	KNOXVILLE TN	164.5	LIC	BLTTL -20001011ACO
29	WTCI	CHATTANOOGA TN	54.9	LIC	BLEDT -20060629ACO
32	WAAY-TV	HUNTSVILLE AL	143.8	LIC	BLCDT -20050701ABO
42	WFLI-TV	CLEVELAND TN	54.9	LIC	BLCDT -20050808AGH
43	WUPA	ATLANTA GA	123.1	APP	BPCDT -20110120ABO
43	WUPA	ATLANTA GA	128.5	LIC	BLCDT -20020702AAJ
43	WDGA-CA	DALTON GA	2.0	LIC	BLTTL -19910211IF
28	WBKI		405.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WRNG-LP	RINGGOLD GA	BPTTL -20070828ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WHIQ	HUNTSVILLE AL	107.4	LIC	BLEDT -20060927ALU
27	WTNB-CA	CLEVELAND TN	53.0	LIC	BLTT -19971027JD
28	WBUN-CA	BIRMINGHAM AL	212.0	LIC	BLTTL -19990105JD
28	WTO	HOMWOOD AL	209.3	CP MOD	BMPCDT -20041104AMB
28	WDWW-LP	CLEVELAND GA	159.3	CP	BDFCDTL -20101102ABW
28	WDWW-LP	CLEVELAND GA	152.1	LIC	BLTTL -20070215AAL
28	W28DG	DALTON GA	42.6	CP	BNPTTL -20000831CHX
28	WTVW	EVANSVILLE IN	384.4	CP	BPCDT -19991101ACY
28	WJDP-LP	GATLINBURG TN	182.3	LIC	BLTTL -20070122AAC
28	NEW	MONTEREY TN	132.0	APP	BNPDTL -20090826ABH
29	WTCI	CHATTANOOGA TN	29.7	LIC	BLEDT -20060629ACO
32	WAAY-TV	HUNTSVILLE AL	107.7	LIC	BLCDT -20050701ABO
42	WFLI-TV	CLEVELAND TN	30.0	LIC	BLCDT -20050808AGH
43	WDGA-CA	DALTON GA	43.2	LIC	BLTTL -19910211IF
28	WBKI		381.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WYZZ-TV	BLOOMINGTON IL	BLCDT -20060609ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCIU-TV	CHICAGO IL	188.2	CP MOD	BMPCDT -20090105ACO
27	WCIU-TV	CHICAGO IL	188.2	LIC	BLCDT -20060525ADR
28	WSJV	ELKHART IN	272.2	CP	BPCDT -20090820ABW
28	WTVW	EVANSVILLE IN	330.6	CP	BPCDT -19991101ACY
28	WTMJ-TV	MILWAUKEE WI	291.6	LIC	BLCDT -20001218ACR
29	WMAQ-TV	CHICAGO IL	188.2	LIC	BLCDT -20010531ACY
28	WBKI		382.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	W28EB-D	EFFINGHAM IL	BNPDTL -20100219ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WYZZ-TV	BLOOMINGTON IL	189.7	LIC	BLCDT -20060609ABE
28	WSJV	ELKHART IN	353.5	CP	BPCDT -20090820ABW
28	WTVW	EVANSVILLE IN	151.4	CP	BPCDT -19991101ACY
28	W28DZ-D	TERRE HAUTE IN	104.7	CP MOD	BMPDTL -20110127ABQ
28	WBKI-CA	LOUISVILLE KY	246.8	LIC	BLTTL -20010507AAD
28	WSIU-TV	CAPE GIRARDEAU MO	197.9	APP	BDRTEDT -20100830ABG
28	KEFN-CA	ST. LOUIS MO	174.1	LIC	BLTTA -20051128AHL
28	WPTO	OXFORD OH	347.5	LIC	BLEDT -20040714AAQ
29	W29CI	SALEM IL	61.4	CP	BDFCDTA -20090813ADE
28	WBKI		247.4	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.
28	WSJV	ELKHART IN	BPCDT -20090820ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCIU-TV	CHICAGO IL	123.1	CP MOD	BMPCDT -20090105ACO
27	WCIU-TV	CHICAGO IL	123.1	LIC	BLCDT -20060525ADR
27	WBGU-TV	BOWLING GREEN OH	198.1	LIC	BLEDT -20090612AFQ
28	WYZZ-TV	BLOOMINGTON IL	272.2	LIC	BLCDT -20060609ABE
28	WTVW	EVANSVILLE IN	411.5	CP	BPCDT -19991101ACY
28	WCMZ-TV	FLINT MI	266.2	LIC	BLEDT -20081126AHB
28	WCMZ-TV	FLINT MI	266.2	CP MOD	BMPEDT -20080617ABY
28	WUAB	LORAIN OH	373.3	LIC	BLCDT -20020516AAG
28	WPTO	OXFORD OH	310.3	LIC	BLEDT -20040714AAQ
28	WTMJ-TV	MILWAUKEE WI	215.8	LIC	BLCDT -20001218ACR
29	WMAQ-TV	CHICAGO IL	123.1	LIC	BLCDT -20010531ACY
29	WTTK	KOKOMO IN	192.0	LIC	BLCDT -20090930ABD
28	WBKI		362.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WTVW	EVANSVILLE IN	BPCDT	-19991101ACY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WIPX-TV	BLOOMINGTON IN	186.3	LIC	BLCDDT	-20040406AAH
27	WKRN-TV	NASHVILLE TN	224.7	LIC	BLCDDT	-20090624ABO
28	WYZZ-TV	BLOOMINGTON IL	330.6	LIC	BLCDDT	-20060609ABE
28	WSJV	ELKHART IN	411.5	CP	BPCDDT	-20090820ABW
28	WPTO	OXFORD OH	273.3	LIC	BLEDT	-20040714AAQ
28	WREG-TV	MEMPHIS TN	385.2	LIC	BLCDDT	-20050513AAE
28	WBKI		138.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 9
Before Analysis

Results for: 28A IN EVANSVILLE BPCDT 19991101ACY CP
HAAT 273.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	767945	24934.0
not affected by terrain losses	765839	24718.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	375	69.0
lost to ATV IX only	375	69.0
lost to all IX	375	69.0

Potential Interfering Stations Included in above Scenario 1

28A IL BLOOMINGTON	BLCDDT	20060609ABE	LIC
28A OH OXFORD	BLEDT	20040714AAQ	LIC
28A TN MEMPHIS	BLCDDT	20050513AAE	LIC

After Analysis

Results for: 28A IN EVANSVILLE BPCDT 19991101ACY CP
HAAT 273.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	767945	24934.0
not affected by terrain losses	765839	24718.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2978	331.1
lost to ATV IX only	2978	331.1
lost to all IX	2978	331.1

Potential Interfering Stations Included in above Scenario 1

28A IL BLOOMINGTON	BLCDDT	20060609ABE	LIC
28A OH OXFORD	BLEDT	20040714AAQ	LIC
28A TN MEMPHIS	BLCDDT	20050513AAE	LIC
28A	USERRECORD01		APP

Percent new IX = 0.3401%

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	W28DZ-D	TERRE HAUTE IN	BMPDTL -20110127ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WIPX-TV	BLOOMINGTON IN	109.3	LIC	BLCDT -20040406AAH
28	WYZZ-TV	BLOOMINGTON IL	218.7	LIC	BLCDT -20060609ABE
28	W28EB-D	EFFINGHAM IL	104.7	CP	BNPDTL -20100219ABQ
28	WSJV	ELKHART IN	283.8	CP	BPCDT -20090820ABW
28	WTVW	EVANSVILLE IN	134.3	CP	BPCDT -19991101ACY
28	WBKI-CA	LOUISVILLE KY	165.3	LIC	BLTTL -20010507AAD
28	WPTO	OXFORD OH	245.6	LIC	BLEDT -20040714AAQ
29	WTTK	KOKOMO IN	125.6	LIC	BLCDT -20090930ABD
29	W29DG-D	TERRE HAUTE IN	30.5	CP	BDCCDTL -20061030AQO
28	WBKI		165.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	W28DD-D	LOUISA KY	BLDTT -20080919ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WHJC-LP	WILLIAMSON WV	56.8	LIC	BLDTL -20100910AAH
28	WUAB	LORAIN OH	371.2	LIC	BLCDT -20020516AAG
28	WPTO	OXFORD OH	202.4	LIC	BLEDT -20040714AAQ
28	WCYB-TV	BRISTOL VA	189.8	APP	BDRTCDT -20090824ABQ
28	W28DR-D	CEDARVILLE WV	182.9	CP	BNPDTT -20090825BED
28	WBKI		283.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WSIU-TV	CAPE GIRARDEAU MO	BDRTEDT -20100830ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WYZZ-TV	BLOOMINGTON IL	361.8	LIC	BLCDT -20060609ABE
28	WTVW	EVANSVILLE IN	205.9	CP	BPCDT -19991101ACY
28	KSFX-TV	SPRINGFIELD MO	299.5	CP MOD	BMPCDT -20070116AAC
28	KEFN-CA	ST. LOUIS MO	135.7	LIC	BLTTA -20051128AHL
28	KEFN-CA	ST. LOUIS MO	135.7	APP	BSTA -20110131AOZ
28	WREG-TV	MEMPHIS TN	248.3	LIC	BLCDT -20050513AAE

28 WBKI 344.0 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KEFN-CA	ST. LOUIS MO	BLTTA -20051128AHL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WPXS	MOUNT VERNON IL	81.6	CP	BPCDT -20080619AJO
21	WPXS	MOUNT VERNON IL	81.6	LIC	BLCDT -20081103AAG
24	KMOV	ST. LOUIS MO	17.1	LIC	BLCDT -20090626ACG
26	KPLR-TV	ST. LOUIS MO	19.0	CP	BPCDT -20080620AFX
26	KPLR-TV	ST. LOUIS MO	19.8	LIC	BLCDT -20030812ABY
27	KPTN-LD	ST. LOUIS MO	0.0	CP	BDCCDTL -20061005AAZ
28	WYZZ-TV	BLOOMINGTON IL	270.0	LIC	BLCDT -20060609ABE
28	WTVW	EVANSVILLE IN	271.7	CP	BPCDT -19991101ACY
28	WSIU-TV	CAPE GIRARDEAU MO	135.7	APP	BDRTEDT -20100830ABG
28	KSFX-TV	SPRINGFIELD MO	257.9	CP MOD	BMPCDT -20070116AAC
28	WREG-TV	MEMPHIS TN	363.6	LIC	BLCDT -20050513AAE
31	KDNL-TV	ST. LOUIS MO	20.3	LIC	BLCDT -20021216AAE
35	KSDK	ST. LOUIS MO	19.0	LIC	BLCDT -19991202ABM
43	KTVI	ST LOUIS MO	14.2	LIC	BLCDT -20040903AAY
28	WBKI		400.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KEFN-CA	ST. LOUIS MO	BSTA -20110131AOZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WPXS	MOUNT VERNON IL	81.6	CP	BPCDT -20080619AJO
21	WPXS	MOUNT VERNON IL	81.6	LIC	BLCDT -20081103AAG
24	KMOV	ST. LOUIS MO	17.1	LIC	BLCDT -20090626ACG
26	KPLR-TV	ST. LOUIS MO	19.0	CP	BPCDT -20080620AFX
26	KPLR-TV	ST. LOUIS MO	19.8	LIC	BLCDT -20030812ABY
27	KPTN-LD	ST. LOUIS MO	0.0	CP	BDCCDTL -20061005AAZ
28	WYZZ-TV	BLOOMINGTON IL	270.0	LIC	BLCDT -20060609ABE
28	WTVW	EVANSVILLE IN	271.7	CP	BPCDT -19991101ACY
28	KSFX-TV	SPRINGFIELD MO	257.9	CP MOD	BMPCDT -20070116AAC
28	WREG-TV	MEMPHIS TN	363.6	LIC	BLCDT -20050513AAE
31	KDNL-TV	ST. LOUIS MO	20.3	LIC	BLCDT -20021216AAE
35	KSDK	ST. LOUIS MO	19.0	LIC	BLCDT -19991202ABM
43	KTVI	ST LOUIS MO	14.2	LIC	BLCDT -20040903AAY
28	WBKI		400.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WMNO-CA	MARION OH	BDISDTA -20100805AJX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WBGU-TV	BOWLING GREEN OH	89.8	LIC	BLEDT -20090612AFQ
28	WSJV	ELKHART IN	281.5	CP	BPCDT -20090820ABW
28	WCMZ-TV	FLINT MI	258.3	LIC	BLEDT -20081126AHB
28	WCMZ-TV	FLINT MI	258.3	CP MOD	BMPEDT -20080617ABY
28	WVTX-CA	BRIDGEPORT OH	208.7	CP	BDFCDTA -20090908AAC
28	WVTX-CA	BRIDGEPORT OH	208.7	APP	BSTA -20061222ABQ
28	WVTX-CA	BRIDGEPORT OH	208.7	LIC	BLTTA -20100322ABR
28	WUAB	LORAIN OH	146.7	LIC	BLCDT -20020516AAG
28	WPTO	OXFORD OH	203.5	LIC	BLEDT -20040714AAQ
28	W28DH-D	TOLEDO OH	127.7	CP	BDCCDTL -20061013AAQ
29	WGTE-TV	TOLEDO OH	121.6	LIC	BLEDT -20031110AKO
28	WBKI		339.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WPTO	OXFORD OH	BLEDT -20040714AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WIPX-TV	BLOOMINGTON IN	140.9	LIC	BLCDT -20040406AAH
27	WOUB-TV	ATHENS OH	207.6	LIC	BLEDT -20030411ABC
28	WSJV	ELKHART IN	310.3	CP	BPCDT -20090820ABW
28	WTVW	EVANSVILLE IN	273.3	CP	BPCDT -19991101ACY
28	WUAB	LORAIN OH	347.1	LIC	BLCDT -20020516AAG
29	WTTK	KOKOMO IN	165.5	LIC	BLCDT -20090930ABD
29	WXIX-TV	NEWPORT KY	0.0	LIC	BLCDT -20000908ABI
28	WBKI		140.1	APP	USERRECORD-01

Total scenarios = 1

Result key: 2

Scenario 1 Affected station 16

Before Analysis

Results for: 28A OH OXFORD BLEDT 20040714AAQ LIC

HAAT 268.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2788780	20994.3
not affected by terrain losses	2780248	20825.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1615	96.4
lost to ATV IX only	1615	96.4
lost to all IX	1615	96.4

Potential Interfering Stations Included in above Scenario 1

27A IN BLOOMINGTON	BLCDT	20040406AAH	LIC
28A IN ELKHART	BPCDT	20090820ABW	CP
28A IN EVANSVILLE	BPCDT	19991101ACY	CP
28A OH LORAIN	BLCDT	20020516AAG	LIC

After Analysis

Results for: 28A OH OXFORD BLEDT 20040714AAQ LIC
 HAAT 268.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2788780	20994.3
not affected by terrain losses	2780248	20825.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4129	405.4
lost to ATV IX only	4129	405.4
lost to all IX	4129	405.4

Potential Interfering Stations Included in above Scenario 1

27A IN BLOOMINGTON	BLCDT	20040406AAH	LIC
28A IN ELKHART	BPCDT	20090820ABW	CP
28A IN EVANSVILLE	BPCDT	19991101ACY	CP
28A OH LORAIN	BLCDT	20020516AAG	LIC
28A	USERRECORD01		APP

Percent new IX = 0.0905%

Worst case new IX 0.0905% Scenario 1

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WRNG-LP	CHATTANOOGA TN	BLTTL -20070702AYI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WHIQ	HUNTSVILLE AL	107.4	LIC	BLEDT -20060927ALU
28	WTTO	HOMEWOOD AL	209.3	CP MOD	BMPCDT -20041104AMB
28	WDWW-LP	CLEVELAND GA	152.1	LIC	BLTTL -20070215AAL
28	W28DG	DALTON GA	42.6	CP	BNPTTL -20000831CHX
28	WTVW	EVANSVILLE IN	384.4	CP	BPCDT -19991101ACY
28	WJDP-LP	GATLINBURG TN	182.3	LIC	BLTTL -20070122AAC
28	NEW	MONTEREY TN	132.0	APP	BNPDTL -20090826ABH
29	WTCI	CHATTANOOGA TN	29.7	LIC	BLEDT -20060629ACO
32	WAAY-TV	HUNTSVILLE AL	107.7	LIC	BLCDT -20050701ABO
42	WFLI-TV	CLEVELAND TN	30.0	LIC	BLCDT -20050808AGH
28	WBKI		381.4	APP	USERRECORD-01

Proposed station is beyond the site to
 nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WRNG-LP	CHATTANOOGA TN	BDFCDTL -20090820ACX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	W27CV	SCOTTSBORO AL	68.8	LIC	BLTT	-20060126AEL
27	WTNB-CA	CLEVELAND TN	53.0	LIC	BLTT	-19971027JD
28	WBUN-CA	BIRMINGHAM AL	212.0	LIC	BLTTL	-19990105JD
28	WTTO	HOMEWOOD AL	209.3	CP MOD	BMPCDT	-20041104AMB
28	WDWW-LP	CLEVELAND GA	159.3	CP	BDFCDTL	-20101102ABW
28	WDWW-LP	CLEVELAND GA	152.1	LIC	BLTTL	-20070215AAL
28	W28DG	DALTON GA	42.6	CP	BNPTTL	-20000831CHX
28	WTVW	EVANSVILLE IN	384.4	CP	BPCDT	-19991101ACY
28	WJDP-LP	GATLINBURG TN	182.3	LIC	BLTTL	-20070122AAC
28	WEZK-LP	KNOXVILLE TN	176.1	LIC	BLTTL	-20001011ACO
28	NEW	MONTEREY TN	132.0	APP	BNPDTL	-20090826ABH
28	WJNK-LP	NASHVILLE TN	194.1	CP	BDISDTL	-20090813ADC
29	WTCI	CHATTANOOGA TN	29.7	LIC	BLEDT	-20060629ACO
28	WBKI		381.4	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

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WJDP-LP	GATLINBURG TN	BLTTL	-20070122AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WBXX-TV	CROSSVILLE TN	68.7	LIC	BLCDDT	-20090619ABD
21	WHNS	GREENVILLE SC	113.4	CP MOD	BMPCDT	-20080619AFO
24	WNEG-TV	TOCCOA GA	136.1	LIC	BLCDDT	-20090127AAN
25	WUNF-TV	ASHEVILLE NC	92.9	LIC	BLEDT	-20030401BAI
25	WUNF-TV	ASHEVILLE NC	48.9	CP MOD	BMPEDT	-20090511ANS
25	WUNF-TV	ASHEVILLE NC	92.9	CP MOD	BMPEDT	-20090511ANS
25	WUNF-TV	ASHEVILLE NC	92.9	CP	BPEDT	-20080619AEH
26	WATE-TV	KNOXVILLE TN	32.6	LIC	BMLCDDT	-20041203AEG
27	WUNW	CANTON NC	73.8	CP	BPEDT	-20110114ABP
27	WKXE-LD	KNOXVILLE TN	32.7	CP	BDCCDTL	-20061030ANT
28	WTTO	HOMEWOOD AL	386.4	CP MOD	BMPCDT	-20041104AMB
28	WDWW-LP	CLEVELAND GA	145.4	LIC	BLTTL	-20070215AAL
28	WRNG-LP	RINGGOLD GA	182.3	CP	BPTTL	-20070828ACI
28	WPTO	OXFORD OH	376.0	LIC	BLEDT	-20040714AAQ
28	W28DB-D	HONEA PATH SC	149.5	LIC	BLDTT	-20100825AAD
28	WRJA-TV	SUMTER SC	376.9	LIC	BLEDT	-20040805ABA
28	WEZK-LP	KNOXVILLE TN	32.4	LIC	BLTTL	-20001011ACO
28	NEW	MONTEREY TN	149.7	APP	BNPDTL	-20090826ABH
28	WCYB-TV	BRISTOL VA	156.9	APP	BDRTCDT	-20090824ABQ
29	W08AO	CANTON LAKE NC	73.8	CP	BDISDTT	-20090928ACC
30	WVLT-TV	KNOXVILLE TN	33.0	CP	BPCDT	-20080618AAM
30	WVLT-TV	KNOXVILLE TN	33.0	LIC	BLCDDT	-20040420AAF
36	WYFF	GREENVILLE SC	123.6	LIC	BLCDDT	-20090901ACV
28	WBKI		342.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WEZK-LP	KNOXVILLE TN	BLTTL -20001011ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WBXX-TV	CROSSVILLE TN	38.1	LIC	BLCDT -20090619ABD
21	WHNS	GREENVILLE SC	145.7	CP MOD	BMPCDT -20080619AFO
25	WUNF-TV	ASHEVILLE NC	124.4	LIC	BLEDT -20030401BAI
25	WUNF-TV	ASHEVILLE NC	81.1	CP MOD	BMPEDT -20090511ANS
25	WUNF-TV	ASHEVILLE NC	124.4	CP MOD	BMPEDT -20090511ANS
25	WUNF-TV	ASHEVILLE NC	124.4	CP	BPEDT -20080619AEH
26	WATE-TV	KNOXVILLE TN	1.2	LIC	BMLCDT -20041203AEG
27	WUNW	CANTON NC	104.6	CP	BPEDT -20110114ABP
27	WKXE-LD	KNOXVILLE TN	1.4	CP	BDCCDTL -20061030ANT
28	WTTO	HOMEWOOD AL	384.3	CP MOD	BMPCDT -20041104AMB
28	WDWW-LP	CLEVELAND GA	167.2	LIC	BLTTL -20070215AAL
28	WRNG-LP	RINGGOLD GA	176.1	CP	BPTTL -20070828ACI
28	WTVW	EVANSVILLE IN	377.8	CP	BPCDT -19991101ACY
28	WPTO	OXFORD OH	350.1	LIC	BLEDT -20040714AAQ
28	WJDP-LP	GATLINBURG TN	32.4	LIC	BLTTL -20070122AAC
28	NEW	MONTEREY TN	122.2	APP	BNPDTL -20090826ABH
28	WCYB-TV	BRISTOL VA	170.7	APP	BDRTCDT -20090824ABQ
30	WVLT-TV	KNOXVILLE TN	2.7	CP	BPCDT -20080618AAM
30	WVLT-TV	KNOXVILLE TN	2.7	LIC	BLCDT -20040420AAF
28	WBKI		311.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	NEW	MONTEREY TN	BNPDTL -20090826ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WTTO	HOMEWOOD AL	326.1	CP MOD	BMPCDT -20041104AMB
28	WDWW-LP	CLEVELAND GA	225.2	LIC	BLTTL -20070215AAL
28	W28DG	DALTON GA	152.8	CP	BNPTTL -20000831CHX
28	WRNG-LP	RINGGOLD GA	132.0	CP	BPTTL -20070828ACI
28	WTVW	EVANSVILLE IN	279.1	CP	BPCDT -19991101ACY
28	WBKI-CA	LOUISVILLE KY	251.8	LIC	BLTTL -20010507AAD
28	WPTO	OXFORD OH	337.9	LIC	BLEDT -20040714AAQ
28	WRNG-LP	CHATTANOOGA TN	132.0	CP	BDFCDTL -20090820ACX
28	WJDP-LP	GATLINBURG TN	149.7	LIC	BLTTL -20070122AAC
28	WEZK-LP	KNOXVILLE TN	122.2	LIC	BLTTL -20001011ACO
28	WJNK-LP	NASHVILLE TN	136.4	CP	BDISDTL -20090813ADC
29	WTCI	CHATTANOOGA TN	103.5	LIC	BLEDT -20060629ACO
28	WBKI		252.3	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WJNK-LP	NASHVILLE TN	BDISDTL -20090813ADC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WKRN-TV	NASHVILLE TN	24.7	LIC	BLCDDT	-20090624ABO
28	WTTO	HOMEWOOD AL	309.4	CP MOD	BMPCDDT	-20041104AMB
28	WRNG-LP	RINGGOLD GA	194.1	CP	BPTTL	-20070828ACI
28	WTVW	EVANSVILLE IN	201.5	CP	BPCDDT	-19991101ACY
28	WBKI-CA	LOUISVILLE KY	246.9	LIC	BLTTL	-20010507AAD
28	WPTO	OXFORD OH	373.8	LIC	BLEDT	-20040714AAQ
28	WRNG-LP	CHATTANOOGA TN	194.1	CP	BDFCDTL	-20090820ACX
28	WREG-TV	MEMPHIS TN	299.4	LIC	BLCDDT	-20050513AAE
28	NEW	MONTEREY TN	136.4	APP	BNPDTL	-20090826ABH
28	WBKI		247.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WCYB-TV	BRISTOL VA	BDRTCDT	-20090824ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WUNW	CANTON NC	121.5	CP	BPEDT	-20110114ABP
27	WKPT-TV	KINGSPORT TN	3.3	CP MOD	BMPCDDT	-20050303AAJ
28	WDWW-LP	CLEVELAND GA	264.9	LIC	BLTTL	-20070215AAL
28	W46EC-D	CANTON, ETC. NC	96.9	APP	BDISDTT	-20100809CGW
28	WGTE-LP	CHARLOTTE NC	184.7	APP	BDFCDTA	-20091211ACU
28	WGTE-LP	CHARLOTTE NC	184.7	LIC	BLTTL	-20000615AGB
28	WRDC	DURHAM NC	332.3	CP MOD	BMPCDDT	-20080620AJU
28	WPTO	OXFORD OH	366.3	LIC	BLEDT	-20040714AAQ
28	W28DB-D	HONEA PATH SC	169.9	LIC	BLDTT	-20100825AAD
28	WRJA-TV	SUMTER SC	330.7	LIC	BLEDT	-20040805ABA
28	WJDP-LP	GATLINBURG TN	156.9	LIC	BLTTL	-20070122AAC
28	WEZK-LP	KNOXVILLE TN	170.7	LIC	BLTTL	-20001011ACO
28	W28DC-D	ROANOKE, ETC. VA	192.3	CP	BDCCDTL	-20061019ACM
29	W08AO	CANTON LAKE NC	121.5	CP	BDISDTT	-20090928ACC
29	W08BF	SPRUCE PINE NC	63.3	CP	BDISDTT	-20091001AKH
28	WBKI		392.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WTTK	KOKOMO IN	BLCDDT	-20090930ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WSJV	ELKHART IN	192.0	CP	BPCDDT	-20090820ABW
28	WPTO	OXFORD OH	165.5	LIC	BLEDT	-20040714AAQ
29	WMAQ-TV	CHICAGO IL	251.9	LIC	BLCDDT	-20010531ACY
29	WXIX-TV	NEWPORT KY	165.5	LIC	BLCDDT	-20000908ABI
29	WGTE-TV	TOLEDO OH	304.9	LIC	BLEDT	-20031110AKO
30	WRGT-TV	DAYTON OH	167.2	CP	BPCDDT	-19991101ADJ
28	WBKI		172.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	W29DG-D	TERRE HAUTE IN	BDCCDTL -20061030AQO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	W28DZ-D	TERRE HAUTE IN	30.5	CP MOD	BMPDTL -20110127ABQ
29	WMAQ-TV	CHICAGO IL	264.5	LIC	BLCDT -20010531ACY
29	W29BG	DECATUR IL	136.8	LIC	BLTT -19920908IJ
29	W29CI	SALEM IL	170.2	LIC	BLTTA -20011130AAJ
29	W29CI	SALEM IL	170.2	APP	BSTA -20070117AFL
29	W29CI	SALEM IL	170.2	CP	BDFCDTA -20090813ADE
29	WTTK	KOKOMO IN	114.5	LIC	BLCDT -20090930ABD
29	WXIX-TV	NEWPORT KY	252.6	LIC	BLCDT -20000908ABI
28	WBKI		187.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	NEW	BOWLING GREEN KY	BNPDTL -20090825BHZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WTVW	EVANSVILLE IN	129.1	CP	BPCDT -19991101ACY
29	WTTK	KOKOMO IN	296.8	LIC	BLCDT -20090930ABD
29	NEW	GLASGOW KY	31.2	APP	BNPDTL -20090825AQM
29	WXIX-TV	NEWPORT KY	261.3	LIC	BLCDT -20000908ABI
29	WTCI	CHATTANOOGA TN	241.7	LIC	BLEDT -20060629ACO
29	WKNO	MEMPHIS TN	390.2	LIC	BLEDT -20060627ABE
29	WKNO	MEMPHIS TN	390.2	CP MOD	BMPEDT -20021112ACA
30	W39CJ	ELIZABETHTOWN KY	65.6	CP	BDISDTT -20070907AFU
30	WKOI	OWENSBORO KY	114.5	LIC	BLEDT -20020304ALJ
28	WBKI		133.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	NEW	GLASGOW KY	BNPDTL -20090825AQM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WTTK	KOKOMO IN	309.4	LIC	BLCDT -20090930ABD
29	NEW	BOWLING GREEN KY	31.2	APP	BNPDTL -20090825BHZ
29	WXIX-TV	NEWPORT KY	256.2	LIC	BLCDT -20000908ABI
29	WTCI	CHATTANOOGA TN	220.7	LIC	BLEDT -20060629ACO
30	W39CJ	ELIZABETHTOWN KY	64.6	CP	BDISDTT -20070907AFU

28 WBKI 140.0 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WXIX-TV	NEWPORT KY	BLCDT	-20000908ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WPTO	OXFORD OH	0.0	LIC	BLEDT	-20040714AAQ
29	WMAQ-TV	CHICAGO IL	402.5	LIC	BLCDT	-20010531ACY
29	WTTK	KOKOMO IN	165.5	LIC	BLCDT	-20090930ABD
29	WGTE-TV	TOLEDO OH	297.2	LIC	BLEDT	-20031110AKO
30	WRGT-TV	DAYTON OH	71.5	CP	BPCDT	-19991101ADJ
28	WBKI		140.1	APP		USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WBKI			USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WIPX-TV	BLOOMINGTON IN	118.5	LIC	BLCDT	-20040406AAH
28	WYZZ-TV	BLOOMINGTON IL	382.4	LIC	BLCDT	-20060609ABE
28	WSJV	ELKHART IN	362.6	CP	BPCDT	-20090820ABW
28	WTVW	EVANSVILLE IN	138.2	CP	BPCDT	-19991101ACY
28	W28DZ-D	TERRE HAUTE IN	165.6	CP MOD	BMPDTL	-20110127ABQ
28	WPTO	OXFORD OH	140.1	LIC	BLEDT	-20040714AAQ

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 29
Before Analysis

Results for: 28A USERRECORD01 APP
HAAT 208.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1073100	7325.4
not affected by terrain losses	1072954	7302.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9014	466.1
lost to ATV IX only	9014	466.1
lost to all IX	9014	466.1

Potential Interfering Stations Included in above Scenario 1

28A IN EVANSVILLE	BPCDT	19991101ACY	CP
28A OH OXFORD	BLEDT	20040714AAQ	LIC

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