

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

TW Census data selected 2000
Post Transition Data Base Selected /export/home/cdbb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-31-2008

Record Selected for Analysis

WCIU-DT USERRECORD-01 CHICAGO IL US
Channel 27 ERP 550. kW HAAT 473. m RCAMSL 00653 m
Latitude 041-52-44 Longitude 0087-38-10
Status APP Zone 1 Border
Dir Antenna Make usr Model C03097 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	416.295	475.6	104.0
45.0	64.330	477.0	88.5
90.0	26.138	477.0	82.3
135.0	242.128	477.0	99.1
180.0	540.145	472.3	106.3
225.0	408.200	470.5	103.4
270.0	503.717	467.4	105.2
315.0	469.069	468.5	104.6

Evaluation toward Class A Stations

Station inside contour of Class A station
WWME-CA 23 CHICAGO IL BPTTA 20081023AAZ

Station inside contour of Class A station
WWME-CA 23 CHICAGO IL BLTTA 20040129AOW

Station inside contour of Class A station
WEDE-CA 34 ARLINGTON HEIGHTS IL BLTTA 20050308AAS

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 369.7km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Channel	Proposed Station	Call	City/State	ARN
27	WCIU-DT	CHICAGO IL		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	WWME-CA	CHICAGO IL	0.0	APP	BPTTA	-20081023AAZ
23	WWME-CA	CHICAGO IL	0.0	LIC	BLTTA	-20040129AOW
24	W24AJ	AURORA IL	74.2	LIC	BLTTT	-19990716JA
26	WCCU	URBANA IL	175.7	LIC	BLCDT	-20050317ADS
26	WCCU	URBANA IL	175.7	PLN	DTVPLN	-DTVP0949
26	WCCU	URBANA IL	175.7	APP	BPCDT	-20080620AGB
26	WKOW-TV	MADISON WI	203.3	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	203.3	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	203.3	LIC	BLCDT	-19981104KG
27	KFXA	CEDAR RAPIDS IA	368.4	LIC	BLCDT	-20050713ABD
27	KFXA	CEDAR RAPIDS IA	368.4	PLN	DTVPLN	-DTVP0994
27	WIPX	BLOOMINGTON IN	302.5	LIC	BLCDT	-20040406AAH
27	WIPX	BLOOMINGTON IN	302.5	PLN	DTVPLN	-DTVP0996
27	WOLP-CA	GRAND RAPIDS MI	202.1	LIC	BLTTT	-19980626JE
27	WBGU-TV	BOWLING GREEN OH	321.2	PLN	DTVPLN	-DTVP1011
27	WBGU-TV	BOWLING GREEN OH	321.2	CP MOD	BMPEDT	-20080612ACP
27	WACY	APPLETON WI	277.0	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	277.0	PLN	DTVPLN	-DTVP1020
27	WACY	APPLETON WI	277.0	CP MOD	BMPCDT	-20061114ABU
28	WYZZ-TV	BLOOMINGTON IL	188.2	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	188.2	PLN	DTVPLN	-DTVP1033
28	WSJV	ELKHART IN	123.1	CP MOD	BMPCDT	-20080619ADY
28	WSJV	ELKHART IN	123.1	PLN	DTVPLN	-DTVP1034
28	WTMJ-TV	MILWAUKEE WI	136.5	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	136.5	PLN	DTVPLN	-DTVP1061
30	WSPY-LP	PLANO IL	81.5	LIC	BLTTT	-19900514IR
34	WEDE-CA	ARLINGTON HEIGHTS IL	0.0	LIC	BLTTA	-20050308AAS

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Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
23	WWME-CA	CHICAGO IL	BPTTA	-20081023AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WTVO	ROCKFORD IL	134.5	LIC	BLCDT	-20021024AAS
16	WTVO	ROCKFORD IL	134.5	PLN	DTVPLN	-DTVP0562
16	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCT	-20060627ACE
19	WGN-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP0673
19	WGN-TV	CHICAGO IL	0.0	APP	BPCDT	-20080619AFN
19	WGN-TV	CHICAGO IL	0.0	LIC	BLCDT	-20040316ACQ
21	WYCC	CHICAGO IL	2.5	LIC	BLEDT	-20030501ABC
21	WYCC	CHICAGO IL	2.5	PLN	DTVPLN	-DTVP0757
22	W64CQ	ARLINGTON HEIGHTS IL	40.5	LIC	BLTT	-19991020AAO
22	W17DD	JOLIET IL	50.1	APP	BPTTT	-20020423ABE
22	WSBT-TV	SOUTH BEND IN	121.2	CP MOD	BMPCDT	-20080620ABV
22	WSBT-TV	SOUTH BEND IN	121.2	PLN	DTVPLN	-DTVP0801
22	WSBT-TV	SOUTH BEND IN	121.2	CP	BPCT	-20050613AFT
23	WBUI	DECATUR IL	237.0	LIC	BLCT	-20010406ABK
23	WIFR	FREEDPORT IL	134.8	CP MOD	BMPCDT	-20080613AAB
23	WIFR	FREEDPORT IL	134.8	LIC	BMLCT	-20040615ABU
23	WQPT-TV	MOLINE IL	236.5	LIC	BLEDT	-20030702AAR
23	WQPT-TV	MOLINE IL	236.5	PLN	DTVPLN	-DTVP0843
23	WNDY-TV	MARION IN	239.3	LIC	BLCT	-19990430KE
23	WIPB	MUNCIE IN	273.5	CP MOD	BMPEDT	-20080620AAH
23	WIPB	MUNCIE IN	273.5	PLN	DTVPLN	-DTVP0844
23	WKAR-TV	EAST LANSING MI	280.3	LIC	BMLET	-20040128AKK
23	WBAY-TV	GREEN BAY WI	282.9	LIC	BMLCDT	-20040723ADS
23	WBAY-TV	GREEN BAY WI	282.9	PLN	DTVPLN	-DTVP0866
23	W23BW	MADISON WI	199.6	APP	BPTTA	-20030326AHF
23	W23BW	MADISON WI	199.6	LIC	BLTTA	-20031125AAQ
25	WCGV-TV	MILWAUKEE WI	137.0	CP MOD	BMPCDT	-20010920AAK

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25	WCGV-TV	MILWAUKEE WI	137.0	PLN	DTVPLN	-DTVP0939
27	WCIU-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP0995
31	WFLD	CHICAGO IL	0.0	LIC	BLCDT	-20050606ABF
31	WFLD	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1140
31	WFLD	CHICAGO IL	0.0	CP	BPCDT	-20080616AAN
38	WCPX	CHICAGO IL	0.0	LIC	BLCT	-20050715ACC
38	WGBO-TV	JOLIET IL	2.5	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN	-DTVP1364
27	WCIUDT	CHICAGO IL	0.0	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.
23	WWME-CA	CHICAGO IL	BLTTA -20040129AOW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WTVO	ROCKFORD IL	134.5	LIC	BLCDT -20021024AAS
16	WTVO	ROCKFORD IL	134.5	PLN	DTVPLN -DTVP0562
16	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCT -20060627ACE
19	WGN-TV	CHICAGO IL	0.0	PLN	DTVPLN -DTVP0673
19	WGN-TV	CHICAGO IL	0.0	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	0.0	LIC	BLCDT -20040316ACQ
20	WYCC	CHICAGO IL	2.5	LIC	BLET -20041105AQB
21	WYCC	CHICAGO IL	2.5	LIC	BLEDT -20030501ABC
21	WYCC	CHICAGO IL	2.5	PLN	DTVPLN -DTVP0757
22	W64CQ	ARLINGTON HEIGHTS IL	40.5	LIC	BLTT -19991020AAO
22	W17DD	JOLIET IL	50.1	APP	BPTTL -20020423ABE
22	WSBT-TV	SOUTH BEND IN	121.2	CP MOD	BMPCDT -20080620ABV
22	WSBT-TV	SOUTH BEND IN	121.2	PLN	DTVPLN -DTVP0801
22	WSBT-TV	SOUTH BEND IN	121.2	CP	BPCT -20050613AFT
23	WBUI	DECATUR IL	237.0	LIC	BLCT -20010406ABK
23	WIFR	FREEPOR IL	134.8	CP MOD	BMPCDT -20080613AAB
23	WIFR	FREEPOR IL	134.8	LIC	BMLCT -20040615ABU
23	WQPT-TV	MOLINE IL	236.5	LIC	BLEDT -20030702AAR
23	WQPT-TV	MOLINE IL	236.5	PLN	DTVPLN -DTVP0843
23	WNDY-TV	MARION IN	239.3	LIC	BLCT -19990430KE
23	WIPB	MUNCIE IN	273.5	CP MOD	BMPEDT -20080620AAH
23	WIPB	MUNCIE IN	273.5	PLN	DTVPLN -DTVP0844
23	WKAR-TV	EAST LANSING MI	280.3	LIC	BMLET -20040128AKK
23	WBAY-TV	GREEN BAY WI	282.9	LIC	BMLCDT -20040723ADS
23	WBAY-TV	GREEN BAY WI	282.9	PLN	DTVPLN -DTVP0866
23	W23BW	MADISON WI	199.6	APP	BPTTA -20030326AHF
23	W23BW	MADISON WI	199.6	LIC	BLTTA -20031125AAQ
25	WCGV-TV	MILWAUKEE WI	137.0	CP MOD	BMPCDT -20010920AAK
25	WCGV-TV	MILWAUKEE WI	137.0	PLN	DTVPLN -DTVP0939
26	WCIU-TV	CHICAGO IL	0.0	LIC	BLCT -19990604KI
26	WCIU-TV	CHICAGO IL	0.0	APP	BSTA -20081008AHE
27	WCIU-TV	CHICAGO IL	0.0	PLN	DTVPLN -DTVP0995
31	WFLD	CHICAGO IL	0.0	LIC	BLCDT -20050606ABF
31	WFLD	CHICAGO IL	0.0	PLN	DTVPLN -DTVP1140
31	WFLD	CHICAGO IL	0.0	CP	BPCDT -20080616AAN
38	WCPX	CHICAGO IL	0.0	LIC	BLCT -20050715ACC
38	WGBO-TV	JOLIET IL	2.5	CP MOD	BMPCDT -20080618AEI
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN -DTVP1364
27	WCIUDT	CHICAGO IL	0.0	APP	USERRECORD-01

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 2
 Before Analysis

Results for: 23N IL CHICAGO	BLTTA	20040129AOW	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3608847	3048.3	
not affected by terrain losses	3608847	3048.3	

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lost to NTSC IX	3496542	2963.9
lost to additional IX by ATV	0	0.0
lost to all IX	3496542	2963.9

Potential Interfering Stations Included in above Scenario 1

20N IL CHICAGO	BLET	20041105AQB	LIC
23N IL FREEPORT	BMLCT	20040615ABU	LIC
26N IL CHICAGO	BLCT	19990604KI	LIC
38N IL CHICAGO	BLCT	20050715ACC	LIC
21A IL CHICAGO	BLEDT	20030501ABC	LIC
23A IL FREEPORT	BMPCDT	20080613AAB	CP
38A IL JOLIET	BMPCDT	20080618AEI	CP

After Analysis

Results for: 23N IL CHICAGO	BLTTA	20040129AOW	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3608847	3048.3	
not affected by terrain losses	3608847	3048.3	
lost to NTSC IX	3496542	2963.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	3496542	2963.9	

Potential Interfering Stations Included in above Scenario 1

20N IL CHICAGO	BLET	20041105AQB	LIC
23N IL FREEPORT	BMLCT	20040615ABU	LIC
26N IL CHICAGO	BLCT	19990604KI	LIC
38N IL CHICAGO	BLCT	20050715ACC	LIC
21A IL CHICAGO	BLEDT	20030501ABC	LIC
23A IL FREEPORT	BMPCDT	20080613AAB	CP
38A IL JOLIET	BMPCDT	20080618AEI	CP
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	W24AJ	AURORA IL	BLTTL -19990716JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WTVO	ROCKFORD IL	96.2	LIC	BLCDT	-20021024AAS
16	WTVO	ROCKFORD IL	96.2	PLN	DTVPLN	-DTVP0562
17	WTVO	ROCKFORD IL	96.2	LIC	BMLCT	-20021024AAY
17	WYIN	GARY IN	92.2	LIC	BLEDT	-20040206AAA
17	WYIN	GARY IN	92.2	PLN	DTVPLN	-DTVP0595
21	WYCC	CHICAGO IL	76.1	LIC	BLEDT	-20030501ABC
21	WYCC	CHICAGO IL	76.1	PLN	DTVPLN	-DTVP0757
23	WIFR	FREEPORT IL	97.0	CP MOD	BMPCDT	-20080613AAB
23	WIFR	FREEPORT IL	97.0	LIC	BMLCT	-20040615ABU
24	WQPT-TV	MOLINE IL	163.5	LIC	BLET	-19980729KE
24	WPTA	FORT WAYNE IN	278.3	LIC	BLCDT	-20031031AGU
24	WPTA	FORT WAYNE IN	278.3	PLN	DTVPLN	-DTVP0880
24	WTLJ	MUSKEGON MI	257.9	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	257.9	PLN	DTVPLN	-DTVP0886
24	WTLJ	MUSKEGON MI	257.9	APP	BPCDT	-20080620ADX
24	KMOV	ST. LOUIS MO	376.3	PLN	DTVPLN	-DTVP0888
24	KMOV	ST. LOUIS MO	376.3	CP	BPCDT	-20080303ALL
24	WCGV-TV	MILWAUKEE WI	170.7	LIC	BLCT	-19920902KF
24	WHRM-TV	WAUSAU WI	381.8	LIC	BLEDT	-20051014AAW
24	WHRM-TV	WAUSAU WI	381.8	PLN	DTVPLN	-DTVP0910
27	WCIU-TV	CHICAGO IL	74.2	PLN	DTVPLN	-DTVP0995
28	WYZZ-TV	BLOOMINGTON IL	122.9	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	122.9	PLN	DTVPLN	-DTVP1033

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

31	WFLD	CHICAGO IL	74.2	LIC	BLCDT	-20050606ABF
31	WFLD	CHICAGO IL	74.2	PLN	DTVPLN	-DTVP1140
31	WFLD	CHICAGO IL	74.2	CP	BPCDT	-20080616AAN
38	WCPX	CHICAGO IL	74.2	LIC	BLCT	-20050715ACC
38	WGBO-TV	JOLIET IL	76.1	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	76.1	PLN	DTVPLN	-DTVP1364
39	WAOE	PEORIA IL	142.1	CP	BPCDT	-20080620AFR
39	WAOE	PEORIA IL	140.8	PLN	DTVPLN	-DTVP1402
39	WQRF-TV	ROCKFORD IL	96.1	LIC	BLCT	-19960402KE
27	WCIUDT	CHICAGO IL	74.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	WCCU	URBANA IL	BLCDT -20050317ADS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	WEEK-TV	PEORIA IL	142.4	PLN	DTVPLN -DTVP0921
25	WEEK-TV	PEORIA IL	142.4	CP	BPCDT -20080409ABM
25	WRTV	INDIANAPOLIS IN	152.9	LIC	BMLCDT -20050414ABF
25	WRTV	INDIANAPOLIS IN	152.9	PLN	DTVPLN -DTVP0922
25	WRTV	INDIANAPOLIS IN	152.9	APP	BPCDT -20080619AJC
26	WLKY-TV	LOUISVILLE KY	280.8	LIC	BLCDT -20030129AFL
26	WLKY-TV	LOUISVILLE KY	280.8	PLN	DTVPLN -DTVP0952
26	KPLR-TV	ST. LOUIS MO	283.0	LIC	BLCDT -20030812ABY
26	KPLR-TV	ST. LOUIS MO	283.0	PLN	DTVPLN -DTVP0959
26	KPLR-TV	ST. LOUIS MO	283.9	CP	BPCDT -20080620AFX
26	WBDT	SPRINGFIELD OH	318.5	PLN	DTVPLN -DTVP0968
26	WBDT	SPRINGFIELD OH	318.5	APP	BMPCDT -20080619AKF
26	WBDT	SPRINGFIELD OH	318.5	CP	BPCDT -20080618ABM
26	WKOW-TV	MADISON WI	333.2	CP	BPCDT -20080619AEK
26	WKOW-TV	MADISON WI	333.2	PLN	DTVPLN -DTVP0981
26	WKOW-TV	MADISON WI	333.2	LIC	BLCDT -19981104KG
27	WCIU-TV	CHICAGO IL	175.7	PLN	DTVPLN -DTVP0995
27	WIPX	BLOOMINGTON IN	181.9	LIC	BLCDT -20040406AAH
27	WIPX	BLOOMINGTON IN	181.9	PLN	DTVPLN -DTVP0996
27	WCIUDT	CHICAGO IL	175.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	WCCU	URBANA IL	DTVPLN -DTVP0949

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	WEEK-TV	PEORIA IL	142.4	PLN	DTVPLN -DTVP0921
25	WEEK-TV	PEORIA IL	142.4	CP	BPCDT -20080409ABM
25	WRTV	INDIANAPOLIS IN	152.9	LIC	BMLCDT -20050414ABF
25	WRTV	INDIANAPOLIS IN	152.9	PLN	DTVPLN -DTVP0922
25	WRTV	INDIANAPOLIS IN	152.9	APP	BPCDT -20080619AJC
26	WLKY-TV	LOUISVILLE KY	280.8	LIC	BLCDT -20030129AFL
26	WLKY-TV	LOUISVILLE KY	280.8	PLN	DTVPLN -DTVP0952
26	KPLR-TV	ST. LOUIS MO	283.0	LIC	BLCDT -20030812ABY
26	KPLR-TV	ST. LOUIS MO	283.0	PLN	DTVPLN -DTVP0959
26	KPLR-TV	ST. LOUIS MO	283.9	CP	BPCDT -20080620AFX
26	WBDT	SPRINGFIELD OH	318.5	PLN	DTVPLN -DTVP0968

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

26	WBDT	SPRINGFIELD OH	318.5	APP	BMPCDT	-20080619AKF
26	WBDT	SPRINGFIELD OH	318.5	CP	BPCDT	-20080618ABM
26	WKOW-TV	MADISON WI	333.2	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	333.2	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	333.2	LIC	BLCDT	-19981104KG
27	WCIU-TV	CHICAGO IL	175.7	PLN	DTVPLN	-DTVP0995
27	WIPX	BLOOMINGTON IN	181.9	LIC	BLCDT	-20040406AAH
27	WIPX	BLOOMINGTON IN	181.9	PLN	DTVPLN	-DTVP0996
27	WCIUDT	CHICAGO IL	175.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	WCCU	URBANA IL	BPCDT -20080620AGB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	WEEK-TV	PEORIA IL	142.4	PLN	DTVPLN -DTVP0921
25	WEEK-TV	PEORIA IL	142.4	CP	BPCDT -20080409ABM
25	WRTV	INDIANAPOLIS IN	152.9	LIC	BMLCDT -20050414ABF
25	WRTV	INDIANAPOLIS IN	152.9	PLN	DTVPLN -DTVP0922
25	WRTV	INDIANAPOLIS IN	152.9	APP	BPCDT -20080619AJC
26	WLKY-TV	LOUISVILLE KY	280.8	LIC	BLCDT -20030129AFL
26	WLKY-TV	LOUISVILLE KY	280.8	PLN	DTVPLN -DTVP0952
26	KPLR-TV	ST. LOUIS MO	283.0	LIC	BLCDT -20030812ABY
26	KPLR-TV	ST. LOUIS MO	283.0	PLN	DTVPLN -DTVP0959
26	KPLR-TV	ST. LOUIS MO	283.9	CP	BPCDT -20080620AFX
26	WBDT	SPRINGFIELD OH	318.5	PLN	DTVPLN -DTVP0968
26	WBDT	SPRINGFIELD OH	318.5	APP	BMPCDT -20080619AKF
26	WBDT	SPRINGFIELD OH	318.5	CP	BPCDT -20080618ABM
26	WKOW-TV	MADISON WI	333.2	CP	BPCDT -20080619AEK
26	WKOW-TV	MADISON WI	333.2	PLN	DTVPLN -DTVP0981
26	WKOW-TV	MADISON WI	333.2	LIC	BLCDT -19981104KG
27	WCIU-TV	CHICAGO IL	175.7	PLN	DTVPLN -DTVP0995
27	WIPX	BLOOMINGTON IN	181.9	LIC	BLCDT -20040406AAH
27	WIPX	BLOOMINGTON IN	181.9	PLN	DTVPLN -DTVP0996
27	WCIUDT	CHICAGO IL	175.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	WKOW-TV	MADISON WI	BPCDT -20080619AEK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KWKB	IOWA CITY IA	210.1	LIC	BLCDT -20070130AJQ
25	KWKB	IOWA CITY IA	210.1	PLN	DTVPLN -DTVP0920
25	KWKB	IOWA CITY IA	210.1	CP	BPCDT -20080620AFU
25	WCGV-TV	MILWAUKEE WI	132.4	CP MOD	BMPCDT -20010920AAK
25	WCGV-TV	MILWAUKEE WI	132.4	PLN	DTVPLN -DTVP0939
26	WCCU	URBANA IL	333.2	LIC	BLCDT -20050317ADS
26	WCCU	URBANA IL	333.2	PLN	DTVPLN -DTVP0949
26	WCCU	URBANA IL	333.2	APP	BPCDT -20080620AGB
26	WCMU-TV	MOUNT PLEASANT MI	357.6	CP MOD	BMPEDT -20080619AFX
26	WCMU-TV	MOUNT PLEASANT MI	357.6	PLN	DTVPLN -DTVP0956
26	KTCI-TV	ST. PAUL MN	362.9	CP	BPEDT -20080620ADU
26	KTCI-TV	ST. PAUL MN	362.9	PLN	DTVPLN -DTVP0958

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27	WCIU-TV	CHICAGO IL	203.3	PLN	DTVPLN	-DTVP0995
27	WACY	APPLETON WI	191.2	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	191.2	PLN	DTVPLN	-DTVP1020
27	WACY	APPLETON WI	191.2	CP MOD	BMPCDT	-20061114ABU
27	WCIUDT	CHICAGO IL	203.3	APP	USERRECORD	-01

Total scenarios = 20

Result key: 3
 Scenario 1 Affected station 7
 Before Analysis

Results for: 26A WI MADISON BPCDT 20080619AEK CP
 HAAT 455.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1850270	36390.4
not affected by terrain losses	1829115	35850.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	122930	547.5
lost to ATV IX only	122930	547.5
lost to all IX	122930	547.5

Potential Interfering Stations Included in above Scenario 1

25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
26A IL URBANA	BLCDT	20050317ADS	LIC
26A MI MOUNT PLEASANT	BMPEDT	20080619AFX	CP
26A MN ST. PAUL	BPEDT	20080620ADU	CP

After Analysis

Results for: 26A WI MADISON BPCDT 20080619AEK CP
 HAAT 455.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1850270	36390.4
not affected by terrain losses	1829115	35850.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	123082	559.6
lost to ATV IX only	123082	559.6
lost to all IX	123082	559.6

Potential Interfering Stations Included in above Scenario 1

25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
26A IL URBANA	BLCDT	20050317ADS	LIC
26A MI MOUNT PLEASANT	BMPEDT	20080619AFX	CP
26A MN ST. PAUL	BPEDT	20080620ADU	CP
27A IL CHICAGO	USERRECORD	01	APP

Percent new IX = 0.0089%

Worst case new IX 0.0089% Scenario 13

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WKOW-TV	MADISON WI	DTVPLN	-DTVP0981

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KWKB	IOWA CITY IA	210.1	LIC	BLCDT	-20070130AJQ
25	KWKB	IOWA CITY IA	210.1	PLN	DTVPLN	-DTVP0920
25	KWKB	IOWA CITY IA	210.1	CP	BPCDT	-20080620AFU
25	WCGV-TV	MILWAUKEE WI	132.4	CP MOD	BMPCDT	-20010920AAK
25	WCGV-TV	MILWAUKEE WI	132.4	PLN	DTVPLN	-DTVP0939
26	WCCU	URBANA IL	333.2	LIC	BLCDT	-20050317ADS
26	WCCU	URBANA IL	333.2	PLN	DTVPLN	-DTVP0949
26	WCCU	URBANA IL	333.2	APP	BPCDT	-20080620AGB

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

26	WCMU-TV	MOUNT PLEASANT MI	357.6	CP MOD	BMPEDT	-20080619AFX
26	WCMU-TV	MOUNT PLEASANT MI	357.6	PLN	DTVPLN	-DTVP0956
26	KTCI-TV	ST. PAUL MN	362.9	CP	BPEDT	-20080620ADU
26	KTCI-TV	ST. PAUL MN	362.9	PLN	DTVPLN	-DTVP0958
27	WCIU-TV	CHICAGO IL	203.3	PLN	DTVPLN	-DTVP0995
27	WACY	APPLETON WI	191.2	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	191.2	PLN	DTVPLN	-DTVP1020
27	WACY	APPLETON WI	191.2	CP MOD	BMPCDT	-20061114ABU
27	WCIUDT	CHICAGO IL	203.3	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.
26	WKOW-TV	MADISON WI	BLCDT -19981104KG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KWKB	IOWA CITY IA	210.1	LIC	BLCDT -20070130AJQ
25	KWKB	IOWA CITY IA	210.1	PLN	DTVPLN -DTVP0920
25	KWKB	IOWA CITY IA	210.1	CP	BPCDT -20080620AFU
25	WCGV-TV	MILWAUKEE WI	132.4	CP MOD	BMPCDT -20010920AAK
25	WCGV-TV	MILWAUKEE WI	132.4	PLN	DTVPLN -DTVP0939
26	WCCU	URBANA IL	333.2	LIC	BLCDT -20050317ADS
26	WCCU	URBANA IL	333.2	PLN	DTVPLN -DTVP0949
26	WCCU	URBANA IL	333.2	APP	BPCDT -20080620AGB
26	WCMU-TV	MOUNT PLEASANT MI	357.6	CP MOD	BMPEDT -20080619AFX
26	WCMU-TV	MOUNT PLEASANT MI	357.6	PLN	DTVPLN -DTVP0956
26	KTCI-TV	ST. PAUL MN	362.9	CP	BPEDT -20080620ADU
26	KTCI-TV	ST. PAUL MN	362.9	PLN	DTVPLN -DTVP0958
27	WCIU-TV	CHICAGO IL	203.3	PLN	DTVPLN -DTVP0995
27	WACY	APPLETON WI	191.2	APP	BMPCDT -20080620AHO
27	WACY	APPLETON WI	191.2	PLN	DTVPLN -DTVP1020
27	WACY	APPLETON WI	191.2	CP MOD	BMPCDT -20061114ABU
27	WCIUDT	CHICAGO IL	203.3	APP	USERRECORD -01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	KFXA	CEDAR RAPIDS IA	BLCDT -20050713ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCIU-TV	CHICAGO IL	368.4	PLN	DTVPLN -DTVP0995
27	KRWF	REDWOOD FALLS MN	382.9	CP	BPCDT -20080320AEK
27	KRWF	REDWOOD FALLS MN	382.9	PLN	DTVPLN -DTVP1000
27	WACY	APPLETON WI	417.3	APP	BMPCDT -20080620AHO
27	WACY	APPLETON WI	417.3	PLN	DTVPLN -DTVP1020
27	WACY	APPLETON WI	417.3	CP MOD	BMPCDT -20061114ABU
27	WHWC-TV	MENOMONIE WI	329.1	LIC	BLEDT -20040824AAF
27	WHWC-TV	MENOMONIE WI	329.1	PLN	DTVPLN -DTVP1021
27	WCIUDT	CHICAGO IL	368.4	APP	USERRECORD -01

Total scenarios = 2

Result key:

Scenario 1 Affected station 10
Before Analysis

Results for: 27A IA CEDAR RAPIDS BLCDT 20050713ABD LIC
HAAT 449.0 m, ATV ERP 1000.0 kW

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

	POPULATION	AREA (sq km)
within Noise Limited Contour	817728	34181.2
not affected by terrain losses	815986	33901.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	152	56.0
lost to ATV IX only	152	56.0
lost to all IX	152	56.0

Potential Interfering Stations Included in above Scenario 1

27A WI MENOMONIE	BLEDT	20040824AAF	LIC
27A IL CHICAGO	DTVPLN	DTVP0995	PLN

After Analysis

Results for: 27A IA CEDAR RAPIDS BLCDT 20050713ABD LIC
HAAT 449.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	817728	34181.2
not affected by terrain losses	815986	33901.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	409	80.0
lost to ATV IX only	409	80.0
lost to all IX	409	80.0

Potential Interfering Stations Included in above Scenario 1

27A WI MENOMONIE	BLEDT	20040824AAF	LIC
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0315%

Worst case new IX 0.0315% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KFXA	CEDAR RAPIDS IA	DTVPLN	-DTVP0994

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	368.4	PLN	DTVPLN	-DTVP0995
27	KRWF	REDWOOD FALLS MN	382.9	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	382.9	PLN	DTVPLN	-DTVP1000
27	WACY	APPLETON WI	417.3	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	417.3	PLN	DTVPLN	-DTVP1020
27	WACY	APPLETON WI	417.3	CP MOD	BMPCDT	-20061114ABU
27	WHWC-TV	MENOMONIE WI	329.1	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	329.1	PLN	DTVPLN	-DTVP1021
27	WCIUDT	CHICAGO IL	368.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 25

Scenario 1 Affected station 11

Before Analysis

Results for: 27A IA CEDAR RAPIDS DTVPLN DTVP0994 PLN
HAAT 449.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	817728	34181.2
not affected by terrain losses	815986	33901.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	152	56.0
lost to ATV IX only	152	56.0
lost to all IX	152	56.0

Potential Interfering Stations Included in above Scenario 1

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27A WI MENOMONIE BLEDT 20040824AAF LIC
27A IL CHICAGO DTVPLN DTVP0995 PLN

After Analysis

Results for: 27A IA CEDAR RAPIDS DTVPLN DTVP0994 PLN
HAAT 449.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	817728	34181.2
not affected by terrain losses	815986	33901.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	409	80.0
lost to ATV IX only	409	80.0
lost to all IX	409	80.0

Potential Interfering Stations Included in above Scenario 1

27A WI MENOMONIE BLEDT 20040824AAF LIC
27A IL CHICAGO USERRECORD01 APP

Percent new IX = 0.0315%

Worst case new IX 0.0315% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WIPX	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	PLN	DTVPLN	-DTVP0949
26	WCCU	URBANA IL	181.9	APP	BPCDDT	-20080620AGB
26	WLKY-TV	LOUISVILLE KY	118.3	LIC	BLCDDT	-20030129AFL
26	WLKY-TV	LOUISVILLE KY	118.3	PLN	DTVPLN	-DTVP0952
26	WBDT	SPRINGFIELD OH	165.7	PLN	DTVPLN	-DTVP0968
26	WBDT	SPRINGFIELD OH	165.7	APP	BMPCDDT	-20080619AKF
26	WBDT	SPRINGFIELD OH	165.7	CP	BPCDDT	-20080618ABM
27	WCIU-TV	CHICAGO IL	302.5	PLN	DTVPLN	-DTVP0995
27	WOUB-TV	ATHENS OH	343.4	LIC	BLEDT	-20030411ABC
27	WOUB-TV	ATHENS OH	343.4	PLN	DTVPLN	-DTVP1010
27	WBGU-TV	BOWLING GREEN OH	270.3	PLN	DTVPLN	-DTVP1011
27	WBGU-TV	BOWLING GREEN OH	270.3	CP MOD	BMPEDT	-20080612ACP
27	WKRN-TV	NASHVILLE TN	378.0	LIC	BLCDDT	-20020528AAC
27	WKRN-TV	NASHVILLE TN	378.0	PLN	DTVPLN	-DTVP1015
27	WKRN-TV	NASHVILLE TN	378.0	CP	BPCDDT	-20080618ADN
28	WTVW	EVANSVILLE IN	186.3	CP	BPCDDT	-19991101ACY
28	WTVW	EVANSVILLE IN	186.3	PLN	DTVPLN	-DTVP1035
28	WPTO	OXFORD OH	140.9	LIC	BLEDT	-20040714AAQ
28	WPTO	OXFORD OH	140.9	PLN	DTVPLN	-DTVP1049
27	WCIUDT	CHICAGO IL	302.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 28

Scenario 2 Affected station 12
Before Analysis

Results for: 27A IN BLOOMINGTON BLCDDT 20040406AAH LIC
HAAT 310.0 m, ATV ERP 165.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1995399	22156.4
not affected by terrain losses	1994050	22043.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	375	28.1
lost to ATV IX only	375	28.1
lost to all IX	375	28.1

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Potential Interfering Stations Included in above Scenario 2

26A KY LOUISVILLE	BLCDDT	20030129AFL	LIC
27A OH BOWLING GREEN	BMPEDT	20080612ACP	CP

After Analysis

Results for: 27A IN BLOOMINGTON BLCDDT 20040406AAH LIC
HAAT 310.0 m, ATV ERP 165.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1995399	22156.4
not affected by terrain losses	1994050	22043.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	437	36.2
lost to ATV IX only	437	36.2
lost to all IX	437	36.2

Potential Interfering Stations Included in above Scenario 2

26A KY LOUISVILLE	BLCDDT	20030129AFL	LIC
27A OH BOWLING GREEN	BMPEDT	20080612ACP	CP
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0031%

Worst case new IX 0.0031% Scenario 2

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WIPX	BLOOMINGTON IN	DTVPLN	-DTVP0996

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	PLN	DTVPLN	-DTVP0949
26	WCCU	URBANA IL	181.9	APP	BPCDDT	-20080620AGB
26	WLKY-TV	LOUISVILLE KY	118.3	LIC	BLCDDT	-20030129AFL
26	WLKY-TV	LOUISVILLE KY	118.3	PLN	DTVPLN	-DTVP0952
26	WBDT	SPRINGFIELD OH	165.7	PLN	DTVPLN	-DTVP0968
26	WBDT	SPRINGFIELD OH	165.7	APP	BMPDDT	-20080619AKF
26	WBDT	SPRINGFIELD OH	165.7	CP	BPCDDT	-20080618ABM
27	WCIU-TV	CHICAGO IL	302.5	PLN	DTVPLN	-DTVP0995
27	WOUB-TV	ATHENS OH	343.4	LIC	BLEDT	-20030411ABC
27	WOUB-TV	ATHENS OH	343.4	PLN	DTVPLN	-DTVP1010
27	WBGU-TV	BOWLING GREEN OH	270.3	PLN	DTVPLN	-DTVP1011
27	WBGU-TV	BOWLING GREEN OH	270.3	CP MOD	BMPDDT	-20080612ACP
27	WKRN-TV	NASHVILLE TN	378.0	LIC	BLCDDT	-20020528AAC
27	WKRN-TV	NASHVILLE TN	378.0	PLN	DTVPLN	-DTVP1015
27	WKRN-TV	NASHVILLE TN	378.0	CP	BPCDDT	-20080618ADN
28	WTVW	EVANSVILLE IN	186.3	CP	BPCDDT	-19991101ACY
28	WTVW	EVANSVILLE IN	186.3	PLN	DTVPLN	-DTVP1035
28	WPTO	OXFORD OH	140.9	LIC	BLEDT	-20040714AAQ
28	WPTO	OXFORD OH	140.9	PLN	DTVPLN	-DTVP1049
27	WCIUDT	CHICAGO IL	302.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 32
Scenario 2 Affected station 13
Before Analysis

Results for: 27A IN BLOOMINGTON DTVPLN DTVP0996 PLN
HAAT 310.0 m, ATV ERP 165.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1995399	22156.4
not affected by terrain losses	1994050	22043.8
lost to NTSC IX	0	0.0

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

lost to additional IX by ATV	375	28.1
lost to ATV IX only	375	28.1
lost to all IX	375	28.1

Potential Interfering Stations Included in above Scenario 2

26A KY LOUISVILLE	BLC DT	20030129AFL	LIC
27A OH BOWLING GREEN	BMP EDT	20080612ACP	CP

After Analysis

Results for: 27A IN BLOOMINGTON	DTVPLN	DTVP0996	PLN
HAAT 310.0 m, ATV ERP 165.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1995399	22156.4	
not affected by terrain losses	1994050	22043.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	437	36.2	
lost to ATV IX only	437	36.2	
lost to all IX	437	36.2	

Potential Interfering Stations Included in above Scenario 2

26A KY LOUISVILLE	BLC DT	20030129AFL	LIC
27A OH BOWLING GREEN	BMP EDT	20080612ACP	CP
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0031%

Worst case new IX 0.0031% Scenario 2

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WOLP-CA	GRAND RAPIDS MI	BLTTL -19980626JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WXMI	GRAND RAPIDS MI	31.9	PLN	DTVPLN -DTVP0682
19	WXMI	GRAND RAPIDS MI	31.9	APP	BPCDT -20080619AKI
19	WXMI	GRAND RAPIDS MI	31.9	LIC	BLC DT -20030117ABD
20	WOTV	BATTLE CREEK MI	45.9	PLN	DTVPLN -DTVP0726
20	WOTV	BATTLE CREEK MI	45.9	LIC	BLC DT -20030721AHS
24	WTLJ	MUSKEGON MI	20.1	LIC	BLC DT -20051115ABP
24	WTLJ	MUSKEGON MI	20.1	PLN	DTVPLN -DTVP0886
24	WTLJ	MUSKEGON MI	20.1	APP	BPCDT -20080620ADX
26	WCMU-TV	MOUNT PLEASANT MI	95.2	CP MOD	BMP EDT -20080619AFX
26	WCMU-TV	MOUNT PLEASANT MI	95.2	PLN	DTVPLN -DTVP0956
27	WCIU-TV	CHICAGO IL	202.1	PLN	DTVPLN -DTVP0995
27	WCCU	URBANA IL	349.1	LIC	BLCT -20020226AAA
27	WCMV	CADILLAC MI	133.5	LIC	BLET -19841002KF
27	WBGU-TV	BOWLING GREEN OH	248.8	PLN	DTVPLN -DTVP1011
27	WBGU-TV	BOWLING GREEN OH	248.8	CP	BPET -20030613AFZ
27	WBGU-TV	BOWLING GREEN OH	248.8	CP MOD	BMP EDT -20080612ACP
27	WACY	APPLETON WI	243.1	APP	BMP CDT -20080620AHO
27	WACY	APPLETON WI	243.1	PLN	DTVPLN -DTVP1020
27	WACY	APPLETON WI	243.1	CP MOD	BMP CDT -20061114ABU
27	WKOW-TV	MADISON WI	315.5	LIC	BLCT -20000306AAW
31	WPXD	ANN ARBOR MI	145.0	PLN	DTVPLN -DTVP1145
31	WPXD	ANN ARBOR MI	145.0	CP MOD	BMP CDT -20080619AHZ
34	WHTV	JACKSON MI	108.5	CP MOD	BMP CDT -20070125ACI
34	WHTV	JACKSON MI	110.2	PLN	DTVPLN -DTVP1255
34	WHTV	JACKSON MI	108.5	APP	BPCDT -20080620AGY
41	WOTV	BATTLE CREEK MI	45.9	LIC	BLCT -19961120KE
27	WCIU DT	CHICAGO IL	202.1	APP	USERRECORD-01

Proposal causes no interference

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WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WBGU-TV	BOWLING GREEN OH	DTVPLN	-DTVP1011

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WVIZ	CLEVELAND OH	187.3	APP	BMPEDT	-20080620AAF
26	WVIZ	CLEVELAND OH	182.5	PLN	DTVPLN	-DTVP0967
26	WVIZ	CLEVELAND OH	187.3	CP	BPEDT	-20080317ACT
26	WBDT	SPRINGFIELD OH	159.7	PLN	DTVPLN	-DTVP0968
26	WBDT	SPRINGFIELD OH	159.7	APP	BMPCDT	-20080619AKF
26	WBDT	SPRINGFIELD OH	159.7	CP	BPCDT	-20080618ABM
27	WCIU-TV	CHICAGO IL	321.2	PLN	DTVPLN	-DTVP0995
27	WIPX	BLOOMINGTON IN	270.3	LIC	BLCDT	-20040406AAH
27	WIPX	BLOOMINGTON IN	270.3	PLN	DTVPLN	-DTVP0996
27	WOUB-TV	ATHENS OH	251.5	LIC	BLEDT	-20030411ABC
27	WOUB-TV	ATHENS OH	251.5	PLN	DTVPLN	-DTVP1010
28	WSJV	ELKHART IN	198.1	CP MOD	BMPCDT	-20080619ADY
28	WSJV	ELKHART IN	198.1	PLN	DTVPLN	-DTVP1034
28	WFUM	FLINT MI	199.3	CP	BPEDT	-20080312ADF
28	WFUM	FLINT MI	199.3	PLN	DTVPLN	-DTVP1040
28	WFUM	FLINT MI	199.3	APP	BMPEDT	-20080617ABY
28	WUAB	LORAIN OH	184.7	LIC	BLCDT	-20020516AAG
28	WUAB	LORAIN OH	184.7	PLN	DTVPLN	-DTVP1048
27	WCIUDT	CHICAGO IL	321.2	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.
27	WBGU-TV	BOWLING GREEN OH	BMPEDT	-20080612ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WVIZ	CLEVELAND OH	187.3	APP	BMPEDT	-20080620AAF
26	WVIZ	CLEVELAND OH	182.5	PLN	DTVPLN	-DTVP0967
26	WVIZ	CLEVELAND OH	187.3	CP	BPEDT	-20080317ACT
26	WBDT	SPRINGFIELD OH	159.7	PLN	DTVPLN	-DTVP0968
26	WBDT	SPRINGFIELD OH	159.7	APP	BMPCDT	-20080619AKF
26	WBDT	SPRINGFIELD OH	159.7	CP	BPCDT	-20080618ABM
27	WCIU-TV	CHICAGO IL	321.2	PLN	DTVPLN	-DTVP0995
27	WIPX	BLOOMINGTON IN	270.3	LIC	BLCDT	-20040406AAH
27	WIPX	BLOOMINGTON IN	270.3	PLN	DTVPLN	-DTVP0996
27	WOUB-TV	ATHENS OH	251.5	LIC	BLEDT	-20030411ABC
27	WOUB-TV	ATHENS OH	251.5	PLN	DTVPLN	-DTVP1010
28	WSJV	ELKHART IN	198.1	CP MOD	BMPCDT	-20080619ADY
28	WSJV	ELKHART IN	198.1	PLN	DTVPLN	-DTVP1034
28	WFUM	FLINT MI	199.3	CP	BPEDT	-20080312ADF
28	WFUM	FLINT MI	199.3	PLN	DTVPLN	-DTVP1040
28	WFUM	FLINT MI	199.3	APP	BMPEDT	-20080617ABY
28	WUAB	LORAIN OH	184.7	LIC	BLCDT	-20020516AAG
28	WUAB	LORAIN OH	184.7	PLN	DTVPLN	-DTVP1048
27	WCIUDT	CHICAGO IL	321.2	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WACY	APPLETON WI	BMPCDT	-20080620AHO

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WKOW-TV	MADISON WI	191.2	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	191.2	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	191.2	LIC	BLCDT	-19981104KG
27	KFXA	CEDAR RAPIDS IA	417.3	LIC	BLCDT	-20050713ABD
27	KFXA	CEDAR RAPIDS IA	417.3	PLN	DTVPLN	-DTVP0994
27	WCIU-TV	CHICAGO IL	277.0	PLN	DTVPLN	-DTVP0995
27	KCWV	DULUTH MN	420.6	APP	BMPCDT	-20080617ACJ
27	KCWV	DULUTH MN	420.4	PLN	DTVPLN	-DTVP0999
27	KCWV	DULUTH MN	420.6	CP MOD	BMPCDT	-20080221ACC
27	WHWC-TV	MENOMONIE WI	316.1	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	316.1	PLN	DTVPLN	-DTVP1021
28	WYOW	EAGLE RIVER WI	186.3	CP MOD	BMPCDT	-20041001ANY
28	WYOW	EAGLE RIVER WI	186.3	PLN	DTVPLN	-DTVP1060
28	WTMJ-TV	MILWAUKEE WI	141.0	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	141.0	PLN	DTVPLN	-DTVP1061
27	WCIUDT	CHICAGO IL	277.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 35
Scenario 1 Affected station 17
Before Analysis

Results for: 27A WI APPLETON BMPCDT 20080620AHO APP

HAAT 366.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1144927	31633.0
not affected by terrain losses	1144169	31600.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13132	398.9
lost to ATV IX only	13132	398.9
lost to all IX	13132	398.9

Potential Interfering Stations Included in above Scenario 1

28A WI MILWAUKEE	BLCDT	20001218ACR	LIC
27A IL CHICAGO	DTVPLN	DTVP0995	PLN

After Analysis

Results for: 27A WI APPLETON BMPCDT 20080620AHO APP

HAAT 366.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1144927	31633.0
not affected by terrain losses	1144169	31600.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14180	475.5
lost to ATV IX only	14180	475.5
lost to all IX	14180	475.5

Potential Interfering Stations Included in above Scenario 1

28A WI MILWAUKEE	BLCDT	20001218ACR	LIC
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0927%

Worst case new IX 0.0927% Scenario 1

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WACY	APPLETON WI	DTVPLN	-DTVP1020

Stations Potentially Affecting This Station

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WKOW-TV	MADISON WI	191.2	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	191.2	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	191.2	LIC	BLCDT	-19981104KG
27	KFXA	CEDAR RAPIDS IA	417.3	LIC	BLCDT	-20050713ABD
27	KFXA	CEDAR RAPIDS IA	417.3	PLN	DTVPLN	-DTVP0994
27	WCIU-TV	CHICAGO IL	277.0	PLN	DTVPLN	-DTVP0995
27	KCWV	DULUTH MN	420.6	APP	BMPCDT	-20080617ACJ
27	KCWV	DULUTH MN	420.4	PLN	DTVPLN	-DTVP0999
27	KCWV	DULUTH MN	420.6	CP MOD	BMPCDT	-20080221ACC
27	WHWC-TV	MENOMONIE WI	316.1	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	316.1	PLN	DTVPLN	-DTVP1021
28	WYOW	EAGLE RIVER WI	186.3	CP MOD	BMPCDT	-20041001ANY
28	WYOW	EAGLE RIVER WI	186.3	PLN	DTVPLN	-DTVP1060
28	WTMJ-TV	MILWAUKEE WI	141.0	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	141.0	PLN	DTVPLN	-DTVP1061
27	WCIUDT	CHICAGO IL	277.0	APP	USERRECORD	-01

Total scenarios = 1

Result key: 37
Scenario 1 Affected station 18
Before Analysis

Results for: 27A WI APPLETON DTVPLN DTVP1020 PLN
HAAT 336.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	961794	19466.4
not affected by terrain losses	961668	19462.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 27A WI APPLETON DTVPLN DTVP1020 PLN
HAAT 336.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	961794	19466.4
not affected by terrain losses	961668	19462.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249	8.1
lost to ATV IX only	249	8.1
lost to all IX	249	8.1

Potential Interfering Stations Included in above Scenario 1

27A IL CHICAGO USERRECORD01 APP

Percent new IX = 0.0259%

Worst case new IX 0.0259% Scenario 1

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WACY	APPLETON WI	BMPCDT	-20061114ABU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WKOW-TV	MADISON WI	191.2	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	191.2	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	191.2	LIC	BLCDT	-19981104KG

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27	KFXA	CEDAR RAPIDS IA	417.3	LIC	BLCDDT	-20050713ABD
27	KFXA	CEDAR RAPIDS IA	417.3	PLN	DTVPLN	-DTVP0994
27	WCIU-TV	CHICAGO IL	277.0	PLN	DTVPLN	-DTVP0995
27	KCWV	DULUTH MN	420.6	APP	BMPCDDT	-20080617ACJ
27	KCWV	DULUTH MN	420.4	PLN	DTVPLN	-DTVP0999
27	KCWV	DULUTH MN	420.6	CP MOD	BMPCDDT	-20080221ACC
27	WHWC-TV	MENOMONIE WI	316.1	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	316.1	PLN	DTVPLN	-DTVP1021
28	WYOW	EAGLE RIVER WI	186.3	CP MOD	BMPCDDT	-20041001ANY
28	WYOW	EAGLE RIVER WI	186.3	PLN	DTVPLN	-DTVP1060
28	WTMJ-TV	MILWAUKEE WI	141.0	LIC	BLCDDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	141.0	PLN	DTVPLN	-DTVP1061
27	WCIUDT	CHICAGO IL	277.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 38
 Scenario 1 Affected station 19
 Before Analysis

Results for: 27A WI APPLETON BMPCDDT 20061114ABU CP
 HAAT 297.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	861994	16530.2
not affected by terrain losses	861655	16526.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	518	8.1
lost to ATV IX only	518	8.1
lost to all IX	518	8.1

Potential Interfering Stations Included in above Scenario 1

27A WI MENOMONIE	BLEDT	20040824AAF	LIC
28A WI MILWAUKEE	DTVPLN	DTVP1061	PLN

After Analysis

Results for: 27A WI APPLETON BMPCDDT 20061114ABU CP
 HAAT 297.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	861994	16530.2
not affected by terrain losses	861655	16526.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	616	16.1
lost to ATV IX only	616	16.1
lost to all IX	616	16.1

Potential Interfering Stations Included in above Scenario 1

27A WI MENOMONIE	BLEDT	20040824AAF	LIC
28A WI MILWAUKEE	DTVPLN	DTVP1061	PLN
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0114%
 Worst case new IX 0.0114% Scenario 1

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WYZZ-TV	BLOOMINGTON IL	BMPCDDT -20030805AHV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCIU-TV	CHICAGO IL	188.2	PLN	DTVPLN -DTVP0995
28	WSJV	ELKHART IN	272.2	CP MOD	BMPCDDT -20080619ADY
28	WSJV	ELKHART IN	272.2	PLN	DTVPLN -DTVP1034
28	WTVW	EVANSVILLE IN	330.6	CP	BPCDDT -19991101ACY
28	WTVW	EVANSVILLE IN	330.6	PLN	DTVPLN -DTVP1035

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

28	WTMJ-TV	MILWAUKEE WI	291.6	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	291.6	PLN	DTVPLN	-DTVP1061
29	WMAQ-TV	CHICAGO IL	188.2	LIC	BLCDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	188.2	PLN	DTVPLN	-DTVP1067
27	WCIUDT	CHICAGO IL	188.2	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	WYZZ-TV	BLOOMINGTON IL	DTVPLN	-DTVP1033

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	188.2	PLN	DTVPLN	-DTVP0995
28	WSJV	ELKHART IN	272.2	CP MOD	BMPCDT	-20080619ADY
28	WSJV	ELKHART IN	272.2	PLN	DTVPLN	-DTVP1034
28	WTVW	EVANSVILLE IN	330.6	CP	BPCDT	-19991101ACY
28	WTVW	EVANSVILLE IN	330.6	PLN	DTVPLN	-DTVP1035
28	WTMJ-TV	MILWAUKEE WI	291.6	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	291.6	PLN	DTVPLN	-DTVP1061
29	WMAQ-TV	CHICAGO IL	188.2	LIC	BLCDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	188.2	PLN	DTVPLN	-DTVP1067
27	WCIUDT	CHICAGO IL	188.2	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	WSJV	ELKHART IN	BMPCDT	-20080619ADY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	123.1	PLN	DTVPLN	-DTVP0995
27	WBGU-TV	BOWLING GREEN OH	198.1	PLN	DTVPLN	-DTVP1011
27	WBGU-TV	BOWLING GREEN OH	198.1	CP MOD	BMPEDT	-20080612ACP
28	WYZZ-TV	BLOOMINGTON IL	272.2	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	272.2	PLN	DTVPLN	-DTVP1033
28	WTVW	EVANSVILLE IN	411.5	CP	BPCDT	-19991101ACY
28	WTVW	EVANSVILLE IN	411.5	PLN	DTVPLN	-DTVP1035
28	WFUM	FLINT MI	266.2	CP	BPEDT	-20080312ADF
28	WFUM	FLINT MI	266.2	PLN	DTVPLN	-DTVP1040
28	WFUM	FLINT MI	266.2	APP	BMPEDT	-20080617ABY
28	WUAB	LORAIN OH	373.3	LIC	BLCDT	-20020516AAG
28	WUAB	LORAIN OH	373.3	PLN	DTVPLN	-DTVP1048
28	WPTO	OXFORD OH	310.3	LIC	BLEDT	-20040714AAQ
28	WPTO	OXFORD OH	310.3	PLN	DTVPLN	-DTVP1049
28	WTMJ-TV	MILWAUKEE WI	215.8	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	215.8	PLN	DTVPLN	-DTVP1061
29	WMAQ-TV	CHICAGO IL	123.1	LIC	BLCDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	123.1	PLN	DTVPLN	-DTVP1067
29	WTTK	KOKOMO IN	192.0	CP MOD	BMPCDT	-20080620AHB
29	WTTK	KOKOMO IN	192.0	PLN	DTVPLN	-DTVP1068
27	WCIUDT	CHICAGO IL	123.1	APP	USERRECORD-01	

Total scenarios = 16

Result key: 50

Scenario 11 Affected station 22
Before Analysis

Results for: 28A IN ELKHART BMPCDT 20080619ADY CP
HAAT 335.0 m, ATV ERP 250.0 kW

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

	POPULATION	AREA (sq km)
within Noise Limited Contour	1416541	22839.2
not affected by terrain losses	1416541	22839.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38597	338.3
lost to ATV IX only	38597	338.3
lost to all IX	38597	338.3

Potential Interfering Stations Included in above Scenario 11

28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A MI FLINT	BMPEDT	20080617ABY	APP
28A WI MILWAUKEE	DTVPLN	DTVP1061	PLN
29A IL CHICAGO	BLCDT	20010531ACY	LIC
27A IL CHICAGO	DTVPLN	DTVP0995	PLN

After Analysis

Results for: 28A IN ELKHART BMPCDT 20080619ADY CP

HAAT 335.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1416541	22839.2
not affected by terrain losses	1416541	22839.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38866	342.3
lost to ATV IX only	38866	342.3
lost to all IX	38866	342.3

Potential Interfering Stations Included in above Scenario 11

28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A MI FLINT	BMPEDT	20080617ABY	APP
28A WI MILWAUKEE	DTVPLN	DTVP1061	PLN
29A IL CHICAGO	BLCDT	20010531ACY	LIC
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0195%

Worst case new IX 0.0195% Scenario 11

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WSJV	ELKHART IN	DTVPLN	-DTVP1034

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	123.1	PLN	DTVPLN	-DTVP0995
27	WBGU-TV	BOWLING GREEN OH	198.1	PLN	DTVPLN	-DTVP1011
27	WBGU-TV	BOWLING GREEN OH	198.1	CP MOD	BMPEDT	-20080612ACP
28	WYZZ-TV	BLOOMINGTON IL	272.2	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	272.2	PLN	DTVPLN	-DTVP1033
28	WTVW	EVANSVILLE IN	411.5	CP	BPCDT	-19991101ACY
28	WTVW	EVANSVILLE IN	411.5	PLN	DTVPLN	-DTVP1035
28	WFUM	FLINT MI	266.2	CP	BPEDT	-20080312ADF
28	WFUM	FLINT MI	266.2	PLN	DTVPLN	-DTVP1040
28	WFUM	FLINT MI	266.2	APP	BMPEDT	-20080617ABY
28	WUAB	LORAIN OH	373.3	LIC	BLCDT	-20020516AAG
28	WUAB	LORAIN OH	373.3	PLN	DTVPLN	-DTVP1048
28	WPTO	OXFORD OH	310.3	LIC	BLEDT	-20040714AAQ
28	WPTO	OXFORD OH	310.3	PLN	DTVPLN	-DTVP1049
28	WTMJ-TV	MILWAUKEE WI	215.8	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	215.8	PLN	DTVPLN	-DTVP1061
29	WMAQ-TV	CHICAGO IL	123.1	LIC	BLCDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	123.1	PLN	DTVPLN	-DTVP1067
29	WTTK	KOKOMO IN	192.0	CP MOD	BMPCDT	-20080620AHB
29	WTTK	KOKOMO IN	192.0	PLN	DTVPLN	-DTVP1068
27	WCIUDT	CHICAGO IL	123.1	APP	USERRECORD-01	

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Total scenarios = 16

Result key: 56
Scenario 1 Affected station 23
Before Analysis

Results for: 28A IN ELKHART DTVPLN DTVP1034 PLN
HAAT 335.0 m, ATV ERP 204.6 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1346456 21314.4
not affected by terrain losses 1346456 21314.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 35374 161.1
lost to ATV IX only 35374 161.1
lost to all IX 35374 161.1

Potential Interfering Stations Included in above Scenario 1

28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A WI MILWAUKEE	BLCDT	20001218ACR	LIC
29A IL CHICAGO	BLCDT	20010531ACY	LIC
27A IL CHICAGO	DTVPLN	DTVP0995	PLN

After Analysis

Results for: 28A IN ELKHART DTVPLN DTVP1034 PLN
HAAT 335.0 m, ATV ERP 204.6 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1346456 21314.4
not affected by terrain losses 1346456 21314.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 35374 161.1
lost to ATV IX only 35374 161.1
lost to all IX 35374 161.1

Potential Interfering Stations Included in above Scenario 1

28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A WI MILWAUKEE	BLCDT	20001218ACR	LIC
29A IL CHICAGO	BLCDT	20010531ACY	LIC
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WTMJ-TV	MILWAUKEE WI	BLCDT	-20001218ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	136.5	PLN	DTVPLN	-DTVP0995
27	WACY	APPLETON WI	141.0	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	141.0	PLN	DTVPLN	-DTVP1020
27	WACY	APPLETON WI	141.0	CP MOD	BMPCDT	-20061114ABU
28	WYZZ-TV	BLOOMINGTON IL	291.6	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	291.6	PLN	DTVPLN	-DTVP1033
28	WSJV	ELKHART IN	215.8	CP MOD	BMPCDT	-20080619ADY
28	WSJV	ELKHART IN	215.8	PLN	DTVPLN	-DTVP1034
28	WFUM	FLINT MI	361.6	CP	BPEDT	-20080312ADF
28	WFUM	FLINT MI	361.6	PLN	DTVPLN	-DTVP1040
28	WFUM	FLINT MI	361.6	APP	BMPEDT	-20080617ABY
28	WYOW	EAGLE RIVER WI	316.8	CP MOD	BMPCDT	-20041001ANY
28	WYOW	EAGLE RIVER WI	316.8	PLN	DTVPLN	-DTVP1060
29	WMAQ-TV	CHICAGO IL	136.5	LIC	BLCDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	136.5	PLN	DTVPLN	-DTVP1067

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27 WCIU-DT CHICAGO IL 136.5 APP USERRECORD-01

Total scenarios = 32

Result key: 88
Scenario 17 Affected station 24
Before Analysis

Results for: 28A WI MILWAUKEE BLC DT 20001218ACR LIC
HAAT 273.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2825546	24835.6
not affected by terrain losses	2807358	24666.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	92386	628.2
lost to ATV IX only	92386	628.2
lost to all IX	92386	628.2

Potential Interfering Stations Included in above Scenario 17

27A WI APPLETON	BMPCDT	20080620AHO	APP
28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A IN ELKHART	BMPCDT	20080619ADY	CP
28A WI EAGLE RIVER	BMPCDT	20041001ANY	CP
29A IL CHICAGO	BLC DT	20010531ACY	LIC
27A IL CHICAGO	DTVPLN	DTVP0995	PLN

After Analysis

Results for: 28A WI MILWAUKEE BLC DT 20001218ACR LIC
HAAT 273.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2825546	24835.6
not affected by terrain losses	2807358	24666.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	102487	660.5
lost to ATV IX only	102487	660.5
lost to all IX	102487	660.5

Potential Interfering Stations Included in above Scenario 17

27A WI APPLETON	BMPCDT	20080620AHO	APP
28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A IN ELKHART	BMPCDT	20080619ADY	CP
28A WI EAGLE RIVER	BMPCDT	20041001ANY	CP
29A IL CHICAGO	BLC DT	20010531ACY	LIC
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.3720%

Worst case new IX 0.3720% Scenario 17

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WTMJ-TV	MILWAUKEE WI	DTVPLN	-DTVP1061

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	136.5	PLN	DTVPLN	-DTVP0995
27	WACY	APPLETON WI	141.0	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	141.0	PLN	DTVPLN	-DTVP1020
27	WACY	APPLETON WI	141.0	CP MOD	BMPCDT	-20061114ABU
28	WYZZ-TV	BLOOMINGTON IL	291.6	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	291.6	PLN	DTVPLN	-DTVP1033
28	WSJV	ELKHART IN	215.8	CP MOD	BMPCDT	-20080619ADY
28	WSJV	ELKHART IN	215.8	PLN	DTVPLN	-DTVP1034
28	WFUM	FLINT MI	361.6	CP	BPEDT	-20080312ADF
28	WFUM	FLINT MI	361.6	PLN	DTVPLN	-DTVP1040

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

28	WFUM	FLINT MI	361.6	APP	BMPEDT	-20080617ABY
28	WYOW	EAGLE RIVER WI	316.8	CP MOD	BMPCDT	-20041001ANY
28	WYOW	EAGLE RIVER WI	316.8	PLN	DTVPLN	-DTVP1060
29	WMAQ-TV	CHICAGO IL	136.5	LIC	BLCDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	136.5	PLN	DTVPLN	-DTVP1067
27	WCIUDT	CHICAGO IL	136.5	APP	USERRECORD	-01

Total scenarios = 48

Result key: 136
 Scenario 33 Affected station 25
 Before Analysis

Results for: 28A WI MILWAUKEE DTVPLN DTVP1061 PLN
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3001756	31246.7
not affected by terrain losses	2990946	31089.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	143308	890.0
lost to ATV IX only	143308	890.0
lost to all IX	143308	890.0

Potential Interfering Stations Included in above Scenario 33

27A WI APPLETON	BMPCDT	20080620AHO	APP
28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A IN ELKHART	BMPCDT	20080619ADY	CP
28A WI EAGLE RIVER	BMPCDT	20041001ANY	CP
29A IL CHICAGO	BLCDT	20010531ACY	LIC
27A IL CHICAGO	DTVPLN	DTVP0995	PLN

After Analysis

Results for: 28A WI MILWAUKEE DTVPLN DTVP1061 PLN
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3001756	31246.7
not affected by terrain losses	2990946	31089.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	151395	946.4
lost to ATV IX only	151395	946.4
lost to all IX	151395	946.4

Potential Interfering Stations Included in above Scenario 33

27A WI APPLETON	BMPCDT	20080620AHO	APP
28A IL BLOOMINGTON	BMPCDT	20030805AHV	CP
28A IN ELKHART	BMPCDT	20080619ADY	CP
28A WI EAGLE RIVER	BMPCDT	20041001ANY	CP
29A IL CHICAGO	BLCDT	20010531ACY	LIC
27A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.2840%

Worst case new IX 0.2840% Scenario 33

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WSPY-LP	PLANO IL	BLTTTL -19900514IR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WIFR	FREEPORT IL	85.7	CP MOD	BMPCDT -20080613AAB
23	WIFR	FREEPORT IL	85.7	LIC	BMLCT -20040615ABU
27	WCIU-TV	CHICAGO IL	81.5	PLN	DTVPLN -DTVP0995
28	WYZZ-TV	BLOOMINGTON IL	124.0	CP MOD	BMPCDT -20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	124.0	PLN	DTVPLN -DTVP1033

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

29	WMAQ-TV	CHICAGO IL	81.5	LIC	BLCDDT	-20010531ACY
29	WMAQ-TV	CHICAGO IL	81.5	PLN	DTVPLN	-DTVP1067
30	960508KF	DAVENPORT IA	154.7	APP	BPET	-19960508KF
30	960710LA	DAVENPORT IA	158.5	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	156.9	APP	BPCT	-19961001KU
30	WMBD-TV	PEORIA IL	140.0	CP MOD	BMPCDDT	-20060314ABP
30	WMBD-TV	PEORIA IL	140.0	PLN	DTVPLN	-DTVP1105
30	WTIU	BLOOMINGTON IN	331.2	LIC	BLET	-20020919ABC
30	KDNL-TV	ST. LOUIS MO	373.8	LIC	BLCT	-19800312KG
30	WHLA-TV	LA CROSSE WI	329.4	LIC	BMLEDT	-20041013AAL
30	WHLA-TV	LA CROSSE WI	329.4	PLN	DTVPLN	-DTVP1126
30	WVCY-TV	MILWAUKEE WI	167.5	LIC	BLCT	-19830119KI
31	WFLD	CHICAGO IL	81.5	LIC	BLCDDT	-20050606ABF
31	WFLD	CHICAGO IL	81.5	PLN	DTVPLN	-DTVP1140
31	WFLD	CHICAGO IL	81.5	CP	BPCDDT	-20080616AAN
38	WGBO-TV	JOLIET IL	83.1	CP MOD	BMPCDDT	-20080618AEI
38	WGBO-TV	JOLIET IL	83.1	PLN	DTVPLN	-DTVP1364
44	WSNS-TV	CHICAGO IL	81.5	LIC	BLCT	-20000110AAU
45	WSNS-TV	CHICAGO IL	81.5	LIC	BLCDDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	81.5	PLN	DTVPLN	-DTVP1611
45	WSNS-TV	CHICAGO IL	81.5	CP	BPCDDT	-20080620AMW
27	WCIUDT	CHICAGO IL	81.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WEDE-CA	ARLINGTON HEIGHTS IL	BLTTA	-20050308AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP0995
31	WFLD	CHICAGO IL	0.0	LIC	BLCDDT	-20050606ABF
31	WFLD	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1140
31	WFLD	CHICAGO IL	0.0	CP	BPCDDT	-20080616AAN
34	KQIN	DAVENPORT IA	236.6	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	236.6	PLN	DTVPLN	-DTVP1249
34	W34DL	CHAMPAIGN IL	196.0	LIC	BLTT	-20050921AHY
34	WQEC	QUINCY IL	373.8	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	373.8	PLN	DTVPLN	-DTVP1252
34	WMYS-LP	SOUTH BEND IN	123.8	APP	BDISTTL	-20080728AAX
34	WNIT	SOUTH BEND IN	123.0	APP	BSTA	-20080307ACN
34	WHTV	JACKSON MI	282.7	CP MOD	BMPCDDT	-20070125ACI
34	WHTV	JACKSON MI	263.4	PLN	DTVPLN	-DTVP1255
34	WHTV	JACKSON MI	282.7	APP	BPCDDT	-20080620AGY
34	WISN-TV	MILWAUKEE WI	139.1	LIC	BLCDDT	-20050412ADP
34	WISN-TV	MILWAUKEE WI	139.1	PLN	DTVPLN	-DTVP1278
35	WWTO-TV	LA SALLE IL	126.9	LIC	BLCT	-19861212LH
35	WNIT	SOUTH BEND IN	123.6	APP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	123.6	PLN	DTVPLN	-DTVP1291
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-20040106ABJ
36	WJYS	HAMMOND IN	0.0	CP	BPCDDT	-20080619AIZ
36	WJYS	HAMMOND IN	0.0	PLN	DTVPLN	-DTVP1326
36	WJYS	HAMMOND IN	0.0	LIC	BLCDDT	-20020801ABI
38	WGBO-TV	JOLIET IL	2.5	CP MOD	BMPCDDT	-20080618AEI
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN	-DTVP1364
41	WIFR	FREESPORT IL	134.8	CP MOD	BMPCDDT	-20050103AFQ
41	WIFR	FREESPORT IL	134.8	PLN	DTVPLN	-DTVP1470
41	WIFR-DR	FREESPORT IL	134.8	APP	BPRM	-20080620AOH
41	WIFR	FREESPORT IL	134.8	LIC	BLCDDT	-20041012AIQ
41	WIFR	FREESPORT IL	134.8	CP MOD	BMPCDDT	-20081110ADQ
42	WQRF-TV	ROCKFORD IL	134.5	CP MOD	BMPCDDT	-20070207ABW
42	WQRF-TV	ROCKFORD IL	134.1	PLN	DTVPLN	-DTVP1499
42	WNDU-TV	SOUTH BEND IN	121.9	APP	BPCDDT	-20080619AAB
42	WNDU-TV	SOUTH BEND IN	121.9	PLN	DTVPLN	-DTVP1502
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDDT	-20060717AAG
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDDT	-20080619ABC

WCIU-DT, Chicago, IL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

48	WHME-TV	SOUTH BEND IN	126.4	PLN	DTVPLN	-DTVP1710
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDDT	-20060109ABG
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDDT	-20070823AED
48	WBME-TV	RACINE WI	136.1	PLN	DTVPLN	-DTVP1728
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDDT	-20080620ACE
49	WOCH-CA	CHICAGO IL	2.5	APP	BDISDTA	-20080605ABA
49	WAAA-LP	WESTVILLE IN	64.5	LIC	BLTTL	-20070621AAG
49	WBME-TV	RACINE WI	139.1	APP	BSTA	-20071025AAQ
49	WBME-TV	RACINE WI	109.9	LIC	BMLCT	-20070823AEF
49	WBME-TV	RACINE WI	139.1	APP	BPCT	-20070921ACJ
27	WCIUDT	CHICAGO IL	0.0	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.
27	WCIUDT	CHICAGO IL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WCCU	URBANA IL	175.7	LIC	BLCDDT -20050317ADS
26	WCCU	URBANA IL	175.7	PLN	DTVPLN -DTVP0949
26	WCCU	URBANA IL	175.7	APP	BPCDDT -20080620AGB
26	WKOW-TV	MADISON WI	203.3	CP	BPCDDT -20080619AEK
26	WKOW-TV	MADISON WI	203.3	PLN	DTVPLN -DTVP0981
26	WKOW-TV	MADISON WI	203.3	LIC	BLCDDT -19981104KG
27	KFXA	CEDAR RAPIDS IA	368.4	LIC	BLCDDT -20050713ABD
27	KFXA	CEDAR RAPIDS IA	368.4	PLN	DTVPLN -DTVP0994
27	WIPX	BLOOMINGTON IN	302.5	LIC	BLCDDT -20040406AAH
27	WIPX	BLOOMINGTON IN	302.5	PLN	DTVPLN -DTVP0996
27	WBGU-TV	BOWLING GREEN OH	321.2	PLN	DTVPLN -DTVP1011
27	WBGU-TV	BOWLING GREEN OH	321.2	CP MOD	BMPEDT -20080612ACP
27	WACY	APPLETON WI	277.0	APP	BMPCDDT -20080620AHO
27	WACY	APPLETON WI	277.0	PLN	DTVPLN -DTVP1020
27	WACY	APPLETON WI	277.0	CP MOD	BMPCDDT -20061114ABU
28	WYZZ-TV	BLOOMINGTON IL	188.2	CP MOD	BMPCDDT -20030805AHV
28	WYZZ-TV	BLOOMINGTON IL	188.2	PLN	DTVPLN -DTVP1033
28	WSJV	ELKHART IN	123.1	CP MOD	BMPCDDT -20080619ADY
28	WSJV	ELKHART IN	123.1	PLN	DTVPLN -DTVP1034
28	WTMJ-TV	MILWAUKEE WI	136.5	LIC	BLCDDT -20001218ACR
28	WTMJ-TV	MILWAUKEE WI	136.5	PLN	DTVPLN -DTVP1061

Total scenarios = 24

Result key: 152
 Scenario 1 Affected station 28
 Before Analysis

Results for: 27A IL CHICAGO USERRECORD01 APP
 HAAT 473.0 m, ATV ERP 550.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9507572	32162.3
not affected by terrain losses	9506228	32134.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	56713	586.1
lost to ATV IX only	56713	586.1
lost to all IX	56713	586.1

Potential Interfering Stations Included in above Scenario 1

27A IA CEDAR RAPIDS	BLCDDT	20050713ABD	LIC
27A WI APPLETON	DTVPLN	DTVP1020	PLN
28A IN ELKHART	BMPCDDT	20080619ADY	CP
28A WI MILWAUKEE	BLCDDT	20001218ACR	LIC

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