

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-21-2009 Time: 20:39:34

Record Selected for Analysis

K54AF USERRECORD-01 KEOSAUQUA IA US  
Channel 24 ERP 15. kW HAAT 124. m RCAMSL 00335 m STRINGENT MASK  
Latitude 040-43-04 Longitude 0091-56-23  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000071997 Beam tilt N Ref Azimuth 340.  
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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	13.085	127.4	44.5
45.0	14.821	131.7	45.4
90.0	7.287	137.1	42.2
135.0	0.662	130.5	29.4
180.0	0.329	122.6	25.2
225.0	6.426	114.2	39.9
270.0	14.642	103.8	43.0
315.0	13.170	125.1	44.3

Contour Overlap to Proposed Station

Station  
K23CI 23 OTTUMWA IA BPTT20051209AAY

Station inside contour of Digital LPTV station  
K54AF 24 KEOSAUQUA IA USERRECORD01

Station  
W40BC 24 CEDAR RAPIDS IA BPTTL20020509AAY causes

Contour overlap to Digital LPTV station  
K54AF 24 KEOSAUQUA IA USERRECORD01

Station  
K54AF 24 KEOSAUQUA IA BDISTT20060320AAB

Station inside contour of Digital LPTV station  
K54AF 24 KEOSAUQUA IA USERRECORD01

Station  
K25DE 25 OTTUMWA IA BPTT20051209ABA

Station inside contour of Digital LPTV station  
K54AF 24 KEOSAUQUA IA USERRECORD01

Contour Overlap Evaluation to Proposed Station 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 beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
24	K54AF	KEOSAUQUA IA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	K16EL	DAVENPORT IA	126.6	LIC	BLTTA	-20011129AAJ
16	WTJR	QUINCY IL	97.8	LIC	BLCT	-19981123KE
17	W17DD	QUINCY IL	97.8	LIC	BLTTL	-20080123AFS
20	KWKB	IOWA CITY IA	122.2	LIC	BLCT	-20010613AIG
20	W20CU	QUINCY IL	97.8	LIC	BLTTL	-20080123AFO
21	K21EM	OTTUMWA IA	47.2	LIC	BLTTL	-20001218ABI
22	WMEC	MACOMB IL	108.0	LIC	BLET	-19981106KF
22	NEW	HANNIBAL MO	124.0	APP	BNPTTL	-20000828BDN
23	KCWI-TV	AMES IA	186.7	LIC	BLCT	-20010130ABE
23	KCWI-TV	AMES IA	186.7	APP	BSTA	-20081103AAT
23	K23CI	OTTUMWA IA	44.2	CP	BPTT	-20051209AAY
23	K23CI	OTTUMWA IA	47.2	LIC	BLTT	-19890518IJ
23	WQPT-TV	MOLINE IL	146.6	LIC	BLEDT	-20030702AAR
23	W23DP	QUINCY IL	101.5	CP	BNPTTL	-20000831BKG
24	W40BC	CEDAR RAPIDS IA	134.5	APP	BPTTL	-20020509AAY
24	KRPG-LD	DES MOINES IA	165.1	CP	BDCCDTL	-20061030AOH
24	KYIN	MASON CITY IA	304.1	LIC	BLET	-19860923KJ
24	W24AJ	AURORA IL	308.0	LIC	BLTTL	-19990716JA
24	WNOI-LP	FLORA IL	382.1	LIC	BLTTL	-19930603JK
24	WQPT-TV	MOLINE IL	147.3	LIC	BLET	-19980729KE
24	NEW	QUINCY IL	101.5	APP	BNPTTL	-20000825AJV
24	NEW	QUINCY IL	101.5	APP	BNPTTL	-20000831BNQ
24	NEW	QUINCY IL	97.8	APP	BNPTTL	-20000802ADY
24	KNLC	ST. LOUIS MO	287.8	LIC	BLCT	-20070227AAB
24	KMOV	ST. LOUIS MO	280.8	CP	BPCDT	-20080303ALL
24	K24GO-D	BLAIR NE	362.8	LIC	BLDTT	-20081125ANJ
24	KKAZ-CA	OMAHA NE	344.5	LIC	BLTTA	-20030402AFC
25	KWKB	IOWA CITY IA	122.2	LIC	BLCDT	-20070130AJQ
25	K25DE	OTTUMWA IA	44.2	CP	BPTT	-20051209ABA
25	K25DE	OTTUMWA IA	47.2	LIC	BLTT	-19890518II
25	WEEK-TV	PEORIA IL	201.9	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	201.9	LIC	BLCT	-20030523AFG
25	W25DK	QUINCY IL	97.8	CP	BNPTTL	-20000831AVU
26	KGCW-TV	BURLINGTON IA	68.4	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	105.8	APP	BPCT	-20010515AAJ
27	K27CV	OTTUMWA IA	44.2	CP	BPTT	-20051209AAV
27	K27CV	OTTUMWA IA	47.2	LIC	BLTT	-19890518IK
27	WQEC	QUINCY IL	98.1	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	98.1	LIC	BMLET	-20010509AAV

28	K28JD	FORT MADISON, ETC. IA	43.7	LIC	BLTT	-20061206ACW
31	K31ED	OTTUMWA IA	47.2	LIC	BLTTL	-20001218ABJ

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# Analysis of Interference to Affected Station 1

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16EL	DAVENPORT IA	BLTTA -20011129AAJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KYOU-DT	OTTUMWA IA	92.2	PLN	DTVPLN -DTVP0127
15	KYOU-TV	OTTUMWA IA	92.2	LIC	BLCT -19960528KO
16	KDSM-DT	DES MOINES IA	218.0	PLN	DTVPLN -DTVP0214
16	KDSM-TV	DES MOINES IA	219.0	LIC	BLCDDT -20041118ABZ
16	WUSI-TV	OLNEY IL	392.0	LIC	BMLET -20030515AAM
16	WTJR	QUINCY IL	183.8	LIC	BLCT -19981123KE
16	WTVO-DT	ROCKFORD IL	168.6	PLN	DTVPLN -DTVP0216
16	K70DR	BLUE EARTH MN	336.2	CP	BDISDTT -20060331ACH
16	KTAJ-TV	ST. JOSEPH MO	378.7	LIC	BLCT -19890215KF
16	W29DJ	SHEBOYGAN WI	352.8	CP	BDFCDTT -20060329AEI
17	K17ET	CEDAR RAPIDS IA	72.9	CP	BDFCDTT -20060313ABV
23	WQPT-TV	MOLINE IL	60.7	LIC	BLEDT -20030702AAR
23	WQPT-DT	MOLINE IL	60.1	PLN	DTVPLN -DTVP0523
24	K54AF	KEOSAUQUA IA	126.6	CP	BDISTT -20060320AAB
30	960710LA	DAVENPORT IA	43.5	APP	BPET -19960710LA
30	961001KU	DAVENPORT IA	47.8	APP	BPCT -19961001KU
30	960508KF	DAVENPORT IA	59.8	APP	BPET -19960508KF
24	K54AF	KEOSAUQUA IA	126.6	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 2

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
16	WTJR	QUINCY IL	DTVPLN -NPLN0951

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WSEC	JACKSONVILLE IL	101.8	PLN	DTVPLN -NPLN0886
15	KYOUTV	OTTUMWA IA	145.9	PLN	DTVPLN -NPLN0918
15	WSEC-DT	JACKSONVILLE IL	101.8	PLN	DTVPLN -DTVP0168
16	KDSM-DT	DES MOINES IA	279.2	PLN	DTVPLN -DTVP0214
16	WUSITV	OLNEY IL	302.2	PLN	DTVPLN -NPLN0950
16	WTVO-DT	ROCKFORD IL	314.4	PLN	DTVPLN -DTVP0216
16	KTAJ	ST. JOSEPH MO	287.5	PLN	DTVPLN -NPLN0955
17	KMIZ	COLUMBIA MO	169.8	PLN	DTVPLN -NPLN0989
30	KDNLTV	ST. LOUIS MO	176.9	PLN	DTVPLN -NPLN1382
31	WMBDTV	PEORIA IL	168.7	PLN	DTVPLN -NPLN1405

Results for: 16N IL QUINCY	DTVPLN	NPLN0951	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	198717	15247.9	
not affected by terrain losses	198476	15199.8	
lost to NTSC IX	155	88.4	
lost to additional IX by ATV	0	2.0	

lost to all IX

155

90.3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WTJR	QUINCY IL	BLCT	-19981123KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WSEC	JACKSONVILLE IL	116.9	LIC	BLET	-20030731AFQ
15	KYOU-TV	OTTUMWA IA	145.9	LIC	BLCT	-19960528KO
15	WSEC	JACKSONVILLE IL	116.9	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	101.8	PLN	DTVPLN	-DTVP0168
15	KMOS-TV	SEDALIA MO	199.7	LIC	BLEDT	-20030108ABK
16	KDSM-DT	DES MOINES IA	279.2	PLN	DTVPLN	-DTVP0214
16	KDSM-TV	DES MOINES IA	282.1	LIC	BLCDT	-20041118ABZ
16	WUSI-TV	OLNEY IL	302.2	LIC	BMLET	-20030515AAM
16	WTVO-DT	ROCKFORD IL	314.4	PLN	DTVPLN	-DTVP0216
16	KTAJ-TV	ST. JOSEPH MO	287.5	LIC	BLCT	-19890215KF
17	KMIZ	COLUMBIA MO	169.8	LIC	BLCT	-19930930KR
30	960710LA	DAVENPORT IA	189.2	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	182.9	APP	BPCT	-19961001KU
30	960508KF	DAVENPORT IA	170.6	APP	BPET	-19960508KF
30	KDNL-TV	ST. LOUIS MO	176.9	LIC	BLCT	-19800312KG
31	WMBD-TV	PEORIA IL	168.7	LIC	BLCT	-2378
24	K54AF	KEOSAUQUA IA	97.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	W17DD	QUINCY IL	BLTTL	-20080123AFS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	145.9	PLN	DTVPLN	-DTVP0127
15	WSEC	JACKSONVILLE IL	116.9	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	101.8	PLN	DTVPLN	-DTVP0168
16	WTJR	QUINCY IL	0.1	LIC	BLCT	-19981123KE
17	K17ET	CEDAR RAPIDS IA	232.0	CP	BDFCDTT	-20060313ABV
17	KDSM-TV	DES MOINES IA	280.7	LIC	BLCT	-20021226AAD
17	WAND	DECATUR IL	212.6	LIC	BLCT	-19790612KG
17	WTCT	MARION IL	334.5	CP MOD	BMPCDT	-20011119AAX
17	WTCT-DT	MARION IL	334.5	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	334.5	LIC	BLCDT	-20060629ACN
17	WTVO	ROCKFORD IL	314.4	LIC	BMLCT	-20021024AAY
17	WYIN	GARY IN	364.7	LIC	BLEDT	-20040206AAA
17	WYIN-DT	GARY IN	364.7	PLN	DTVPLN	-DTVP0259
17	K17DL	BRANSON MO	396.6	CP	BDFCDTL	-20081008AHW
17	KMIZ	COLUMBIA MO	169.8	LIC	BLCT	-19930930KR
17	K17FU	MARSHFIELD MO	327.5	CP	BDFCDTL	-20060331BAQ
17	K22HG	ST. CHARLES MO	148.5	CP	BDISDTT	-20060327ACC
18	W18CJ	QUINCY IL	0.1	LIC	BLTTL	-20011120AAN
18	K18IC-D	COLUMBIA MO	169.8	CP	BDCCDTL	-20061026AEW
21	WMEC	MACOMB IL	69.3	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	69.3	PLN	DTVPLN	-DTVP0436
24	K54AF	KEOSAUQUA IA	97.8	CP	BDISTT	-20060320AAB
32	WTJR-DT	QUINCY IL	0.1	PLN	DTVPLN	-DTVP0863
24	K54AF	KEOSAUQUA IA	97.8	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

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
20	KWKB	IOWA CITY IA	DTVPLN -NPLN1076

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KLJBTV	DAVENPORT IA	106.9	PLN	DTVPLN -NPLN1016
19	WHO-DT	DES MOINES IA	173.3	PLN	DTVPLN -DTVP0349
19	WHOI	PEORIA IL	203.3	PLN	DTVPLN -NPLN1042
20	WYCC	CHICAGO IL	323.6	PLN	DTVPLN -NPLN1078
20	WICS	SPRINGFIELD IL	278.0	PLN	DTVPLN -NPLN1079
20	KSMQ-DT	AUSTIN MN	245.0	PLN	DTVPLN -DTVP0402
20	KNLJ-DT	JEFFERSON CITY MO	342.7	PLN	DTVPLN -DTVP0404
20	KETV-DT	OMAHA NE	377.8	PLN	DTVPLN -DTVP0410
20	WHA-DT	MADISON WI	218.0	PLN	DTVPLN -DTVP0425
20	WHRMTV	WAUSAU WI	381.5	PLN	DTVPLN -NPLN1095
21	WMEC-DT	MACOMB IL	165.0	PLN	DTVPLN -DTVP0436
22	NEW	WATERLOO IA	86.0	PLN	DTVPLN -NPLN1139
23	WQPT-DT	MOLINE IL	106.9	PLN	DTVPLN -DTVP0523
24	WQPTTV	MOLINE IL	106.9	PLN	DTVPLN -NPLN1207
27	KFXA-DT	CEDAR RAPIDS IA	59.4	PLN	DTVPLN -DTVP0671
27	WQEC	QUINCY IL	198.5	PLN	DTVPLN -NPLN1301
28	KFXA	CEDAR RAPIDS IA	59.4	PLN	DTVPLN -NPLN1330
34	NEW	AMES IA	172.3	PLN	DTVPLN -NPLN1473
34	KQCT-DT	DAVENPORT IA	82.6	PLN	DTVPLN -DTVP0934
35	KRIN-DT	WATERLOO IA	68.0	PLN	DTVPLN -DTVP0974
35	WWTOTV	LASALLE IL	221.8	PLN	DTVPLN -NPLN1495

Results for: 20N IA IOWA CITY DTVPLN NPLN1076 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	391453	11698.5
not affected by terrain losses	389220	11564.5
lost to NTSC IX	17361	396.3
lost to additional IX by ATV	1810	129.2
lost to all IX	19171	525.5

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KWKB	IOWA CITY IA	BLCT -20010613AIG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KLJB-TV	DAVENPORT IA	69.4	APP	BSTA -20080512AAT
18	KLJB-TV	DAVENPORT IA	92.2	LIC	BLCT -19991109AAA
19	WHO-DT	DES MOINES IA	187.8	PLN	DTVPLN -DTVP0349
19	WHOI	PEORIA IL	189.7	LIC	BLCT -19880803KG
20	WYCC	CHICAGO IL	309.6	LIC	BLET -20041105AQB
20	WICS	SPRINGFIELD IL	266.3	LIC	BLCT -2187
20	KSMQ-TV	AUSTIN MN	233.8	CP MOD	BMPEDT -20081114AAX
20	KSMQ-DT	AUSTIN MN	255.3	PLN	DTVPLN -DTVP0402
20	KNLJ-DT	JEFFERSON CITY MO	341.5	PLN	DTVPLN -DTVP0404
20	KNLJ	JEFFERSON CITY MO	341.5	LIC	BLCDT -20061219AAX
20	KETV-DT	OMAHA NE	391.7	PLN	DTVPLN -DTVP0410
20	KETV	OMAHA NE	391.6	LIC	BLCDT -20041222AED
20	WHA-TV	MADISON WI	210.1	LIC	BLEDT -20020503AAF
20	WHA-DT	MADISON WI	210.1	PLN	DTVPLN -DTVP0425
20	WHRM-TV	WAUSAU WI	379.8	LIC	BLET -20010813ABC
21	WMEC	MACOMB IL	156.3	LIC	BLEDT -20031031ADO
21	WMEC-DT	MACOMB IL	156.4	PLN	DTVPLN -DTVP0436

22	KWWF	WATERLOO IA	97.3	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	118.1	LIC	BLCT	-20021129AAC
23	WQPT-TV	MOLINE IL	93.1	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	92.6	PLN	DTVPLN	-DTVP0523
24	WQPT-TV	MOLINE IL	92.2	LIC	BLET	-19980729KE
27	KFXA-DT	CEDAR RAPIDS IA	73.1	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	73.1	LIC	BLCDT	-20050713ABD
27	WQEC	QUINCY IL	194.2	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	194.2	LIC	BMLET	-20010509AAV
28	KFXA	CEDAR RAPIDS IA	73.1	LIC	BLCT	-20050718AFP
34	KEFB	AMES IA	199.6	LIC	BLET	-20051125ACY
34	960701KE	AMES IA	199.6	APP	BPET	-19960701KE
34	960222KF	AMES IA	187.0	APP	BPET	-19960222KF
34	960930KE	AMES IA	199.9	APP	BPET	-19960930KE
34	KQCT-DT	DAVENPORT IA	67.8	PLN	DTVPLN	-DTVP0934
35	KRIN	WATERLOO IA	77.9	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	77.9	PLN	DTVPLN	-DTVP0974
35	WWTO-TV	LA SALLE IL	207.1	LIC	BLCT	-19861212LH
24	K54AF	KEOSAUQUA IA	122.2	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 5

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	W20CU	QUINCY IL	BLTTL	-20080123AFO

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	W19DI	QUINCY IL	0.0	LIC	BLTTL	-20080123AFQ
20	K20JI-D	AMES IA	301.3	CP	BDCCDTL	-20061030ANP
20	KWKB	IOWA CITY IA	194.8	LIC	BLCT	-20010613AIG
20	WYCC	CHICAGO IL	377.6	LIC	BLET	-20041105AQB
20	WICS	SPRINGFIELD IL	160.3	LIC	BLCT	-2187
20	KCGI-LD	CAPE GIRARDEAU MO	328.4	CP	BDCCDTL	-20061026ABU
20	KNLJ-DT	JEFFERSON CITY MO	155.3	PLN	DTVPLN	-DTVP0404
20	KNLJ	JEFFERSON CITY MO	155.4	LIC	BLCDT	-20061219AAX
20	WHA-TV	MADISON WI	373.8	LIC	BLEDT	-20020503AAF
20	WHA-DT	MADISON WI	373.8	PLN	DTVPLN	-DTVP0425
21	WMEC	MACOMB IL	69.3	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	69.3	PLN	DTVPLN	-DTVP0436
24	K54AF	KEOSAUQUA IA	97.8	CP	BDISTT	-20060320AAB
34	WQEC-DT	QUINCY IL	1.8	PLN	DTVPLN	-DTVP0937
24	K54AF	KEOSAUQUA IA	97.8	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.
21	K21EM	OTTUMWA IA	BLTTL	-20001218ABI

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	45.2	PLN	DTVPLN	-DTVP0127
19	WHO-DT	DES MOINES IA	138.3	PLN	DTVPLN	-DTVP0349

20	K20JI-D	AMES IA	158.9	CP	BDCCDTL	-20061030ANP
20	KWKB	IOWA CITY IA	121.5	LIC	BLCT	-20010613AIG
21	K21JB-D	COUNCIL BLUFFS IA	289.7	CP	BDCCDTL	-20061030ARP
21	KTIN	FORT DODGE IA	265.0	CP	BPET	-20060911AAH
21	WBKM-LP	CHANA IL	254.8	CP	BDCCDTL	-20061030AMY
21	WMEC	MACOMB IL	153.8	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	153.8	PLN	DTVPLN	-DTVP0436
21	KTAJ-TV	ST. JOSEPH MO	281.1	LIC	BLCDT	-20060703AAK
21	KTAJ-DT	ST. JOSEPH MO	241.6	PLN	DTVPLN	-DTVP0444
21	WHA-TV	MADISON WI	331.6	LIC	BLET	-20020227ABP
24	K54AF	KEOSAUQUA IA	47.2	CP	BDISTT	-20060320AAB
25	KWKB	IOWA CITY IA	121.5	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	114.3	PLN	DTVPLN	-DTVP0601
29	KFPX	NEWTON IA	116.6	APP	BPRM	-20040322AHK
29	KHQA-DT	HANNIBAL MO	142.3	PLN	DTVPLN	-DTVP0748
36	K36IT-D	DES MOINES IA	121.7	CP	BDCCDTL	-20061012ACX
24	K54AF	KEOSAUQUA IA	47.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 7

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
22	WMEC	MACOMB IL	DTVPLN	-NPLN1140

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	135.7	PLN	DTVPLN	-DTVP0127
14	WSEC	JACKSONVILLE IL	87.5	PLN	DTVPLN	-NPLN0886
15	KYOUTV	OTTUMWA IA	135.7	PLN	DTVPLN	-NPLN0918
15	WSEC-DT	JACKSONVILLE IL	87.5	PLN	DTVPLN	-DTVP0168
19	WHOI	PEORIA IL	100.8	PLN	DTVPLN	-NPLN1042
20	WICS	SPRINGFIELD IL	126.6	PLN	DTVPLN	-NPLN1079
21	WMEC-DT	MACOMB IL	0.0	PLN	DTVPLN	-DTVP0436
22	NEW	WATERLOO IA	250.5	PLN	DTVPLN	-NPLN1139
22	WFHL-DT	DECATUR IL	165.9	PLN	DTVPLN	-DTVP0481
22	WSBTTV	SOUTH BEND IN	402.2	PLN	DTVPLN	-NPLN1141
22	WVUT	VINCENNES IN	339.9	PLN	DTVPLN	-NPLN1142
22	KBSI-DT	CAPE GIRARDEAU MO	347.6	PLN	DTVPLN	-DTVP0489
22	KMIZ-DT	COLUMBIA MO	238.7	PLN	DTVPLN	-DTVP0490
22	WVCY-DT	MILWAUKEE WI	380.0	PLN	DTVPLN	-DTVP0510
23	WFHL	DECATUR IL	165.9	PLN	DTVPLN	-NPLN1172
23	WQPT-DT	MOLINE IL	106.8	PLN	DTVPLN	-DTVP0523
24	WQPTTV	MOLINE IL	106.8	PLN	DTVPLN	-NPLN1207
25	WEEKTV	PEORIA IL	103.4	PLN	DTVPLN	-NPLN1243
26	KJMH	BURLINGTON IA	58.5	PLN	DTVPLN	-NPLN1274
29	KHQA-DT	HANNIBAL MO	69.5	PLN	DTVPLN	-DTVP0748
30	WMBD-DT	PEORIA IL	104.2	PLN	DTVPLN	-DTVP0785
36	KQCT	DAVENPORT IA	126.8	PLN	DTVPLN	-NPLN1517

Results for: 22N IL MACOMB		DTVPLN	NPLN1140	PLN
	POPULATION	AREA (sq km)		
within Noise Limited Contour	56515	4446.7		
not affected by terrain losses	56515	4445.7		
lost to NTSC IX	182	47.0		
lost to additional IX by ATV	769	65.9		
lost to all IX	951	112.9		

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	WMEC	MACOMB IL	BLET	-19981106KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	135.7	PLN	DTVPLN	-DTVP0127
14	WSEC	JACKSONVILLE IL	106.0	LIC	BLET	-20030731AFQ
15	KYOU-TV	OTTUMWA IA	135.7	LIC	BLCT	-19960528KO
15	WSEC	JACKSONVILLE IL	106.0	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	87.6	PLN	DTVPLN	-DTVP0168
19	WHOI	PEORIA IL	100.8	LIC	BLCT	-19880803KG
20	WICS	SPRINGFIELD IL	126.6	LIC	BLCT	-2187
21	WMEC	MACOMB IL	0.0	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	0.0	PLN	DTVPLN	-DTVP0436
22	KWWF	WATERLOO IA	250.4	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	268.8	LIC	BLCT	-20021129AAC
22	WBUI	DECATUR IL	168.5	LIC	BLCDT	-20040521ADS
22	WFHL-DT	DECATUR IL	165.9	PLN	DTVPLN	-DTVP0481
22	WSBT-TV	SOUTH BEND IN	402.1	CP	BPCT	-20050613AFT
22	WVUT	VINCENNES IN	339.9	LIC	BLET	-344
22	KBSI	CAPE GIRARDEAU MO	347.6	LIC	BLCDT	-20041213ABC
22	KBSI-DT	CAPE GIRARDEAU MO	347.6	PLN	DTVPLN	-DTVP0489
22	KMIZ-DT	COLUMBIA MO	238.7	PLN	DTVPLN	-DTVP0490
22	WVCY-DT	MILWAUKEE WI	379.9	PLN	DTVPLN	-DTVP0510
22	WVCY-TV	MILWAUKEE WI	380.6	LIC	BLCDT	-20060619AAX
23	WBUI	DECATUR IL	168.5	LIC	BLCT	-20010406ABK
23	WQPT-TV	MOLINE IL	105.8	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	106.8	PLN	DTVPLN	-DTVP0523
24	WQPT-TV	MOLINE IL	107.4	LIC	BLET	-19980729KE
25	WEEK-TV	PEORIA IL	103.3	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	103.3	LIC	BLCT	-20030523AFG
26	KGCW-TV	BURLINGTON IA	58.5	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	82.2	APP	BPCT	-20010515AAJ
29	KHQA-DT	HANNIBAL MO	69.5	PLN	DTVPLN	-DTVP0748
30	960710LA	DAVENPORT IA	129.5	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	122.0	APP	BPCT	-19961001KU
30	960508KF	DAVENPORT IA	107.4	APP	BPET	-19960508KF
30	WMBD-TV	PEORIA IL	104.2	CP MOD	BMPCDT	-20060314ABP
30	WMBD-DT	PEORIA IL	104.2	PLN	DTVPLN	-DTVP0785
36	KQIN	DAVENPORT IA	126.8	LIC	BLET	-19911230KE
36	NEW	SPRINGFIELD IL	126.9	LIC	BPRM	-20000717AES
36	960129KH	SPRINGFIELD IL	118.4	APP	BPEDT	-19960129KH
36	NEW	SPRINGFIELD IL	126.6	APP	BNPEDT	-20030922ADE
24	K54AF	KEOSAUQUA IA	108.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	NEW	HANNIBAL MO	BNPTTL	-20000828BDN

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WSEC	JACKSONVILLE IL	111.8	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	100.2	PLN	DTVPLN	-DTVP0168
20	KNLJ-DT	JEFFERSON CITY MO	127.6	PLN	DTVPLN	-DTVP0404
20	KNLJ	JEFFERSON CITY MO	127.7	LIC	BLCDT	-20061219AAX
21	WMEC	MACOMB IL	93.7	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	93.7	PLN	DTVPLN	-DTVP0436
22	KWWF	WATERLOO IA	307.7	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	322.0	LIC	BLCT	-20021129AAC



22	W22DG-D	AURORA IL	323.3	CP	BDCCDTL	-20061025ABB
22	WBUI	DECATUR IL	216.0	LIC	BLCDT	-20040521ADS
22	WFHL-DT	DECATUR IL	213.4	PLN	DTVPLN	-DTVP0481
22	WMEC	MACOMB IL	93.7	LIC	BLET	-19981106KF
22	WVUT	VINCENNES IN	353.1	LIC	BLET	-344
22	KSQA	TOPEKA KS	385.9	CP	BNPCT	-20060424ADV
22	KBSI	CAPE GIRARDEAU MO	298.2	LIC	BLCDT	-20041213ABC
22	KBSI-DT	CAPE GIRARDEAU MO	298.2	PLN	DTVPLN	-DTVP0489
22	KMIZ-DT	COLUMBIA MO	146.2	PLN	DTVPLN	-DTVP0490
22	KZOU-LP	COLUMBIA MO	146.2	CP	BDISDTL	-20081002ABI
22	KGCS-LP	JOPLIN MO	403.2	LIC	BLDTL	-20080918AAO
22	W22CI	BLOOMINGTON WI	357.8	LIC	BLDTT	-20081106ADM
23	K23IR-D	ST. LOUIS MO	163.8	CP	BDCCDTL	-20061013AAM
24	K54AF	KEOSAUQUA IA	124.0	CP	BDISTT	-20060320AAB
29	KHQA-DT	HANNIBAL MO	30.5	PLN	DTVPLN	-DTVP0748
36	NEW	SPRINGFIELD IL	145.5	LIC	BPRM	-20000717AES
36	960129KH	SPRINGFIELD IL	141.6	APP	BPEDT	-19960129KH
36	KOMU-DT	COLUMBIA MO	119.7	PLN	DTVPLN	-DTVP1022
36	960920YX	JEFFERSON CITY MO	119.7	APP	BPET	-19960920YX
24	K54AF	KEOSAUQUA IA	124.0	APP	USERRECORD	-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 9

##### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
23	NEW	AMES IA	DTVPLN	-NPLN1171

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KDSM-DT	DES MOINES IA	27.9	PLN	DTVPLN	-DTVP0214
19	WHO-DT	DES MOINES IA	27.7	PLN	DTVPLN	-DTVP0349
21	KTIN	FORT DODGE IA	128.3	PLN	DTVPLN	-NPLN1105
22	NEW	WATERLOO IA	115.5	PLN	DTVPLN	-NPLN1139
23	WIFR	FREEPORT IL	346.8	PLN	DTVPLN	-NPLN1173
23	WQPT-DT	MOLINE IL	257.3	PLN	DTVPLN	-DTVP0523
23	KTWU-DT	TOPEKA KS	381.4	PLN	DTVPLN	-DTVP0525
23	KLGGTV	MINNEAPOLIS MN	344.1	PLN	DTVPLN	-NPLN1178
23	KCSDTV	SIOUX FALLS SD	326.9	PLN	DTVPLN	-NPLN1191
24	KYIN	MASON CITY IA	161.9	PLN	DTVPLN	-NPLN1206
25	KTIN-DT	FORT DODGE IA	128.3	PLN	DTVPLN	-DTVP0600
26	KBTW-DT	DES MOINES IA	28.1	PLN	DTVPLN	-DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	105.6	PLN	DTVPLN	-DTVP0671
31	KCCI-DT	DES MOINES IA	28.1	PLN	DTVPLN	-DTVP0821

Results for: 23N IA AMES                      DTVPLN              NPLN1171              PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	605984	15090.7
not affected by terrain losses	605115	15056.8
lost to NTSC IX	2488	364.3
lost to additional IX by ATV	4	1.0
lost to all IX	2492	365.3

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	KCWI-TV	AMES IA	BLCT	-20010130ABE

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KDSM-DT	DES MOINES IA	3.3	PLN	DTVPLN	-DTVP0214

16	KDSM-TV	DES MOINES IA	0.0	LIC	BLC DT	-20041118ABZ
19	WHO-DT	DES MOINES IA	2.3	PLN	DTVPLN	-DTVP0349
21	KTIN	FORT DODGE IA	127.8	CP	BPET	-20060911AAH
22	KWWF	WATERLOO IA	141.6	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	129.0	LIC	BLCT	-20021129AAC
23	WIFR	FREEMPORT IL	370.4	LIC	BMLCT	-20040615ABU
23	WQPT-TV	MOLINE IL	275.2	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	274.9	PLN	DTVPLN	-DTVP0523
23	KTWU-DT	TOPEKA KS	357.0	PLN	DTVPLN	-DTVP0525
23	WUCW	MINNEAPOLIS MN	361.3	LIC	BLCT	-20030401AXI
23	KLKE-DT	ALBION NE	386.3	PLN	DTVPLN	-DTVP0533
23	KCSD-TV	SIOUX FALLS SD	315.0	CP MOD	BMPET	-20031222ABL
24	KYIN	MASON CITY IA	183.0	LIC	BLET	-19860923KJ
25	KTIN	FORT DODGE IA	127.8	LIC	BLEDT	-20070822ACB
25	KTIN-DT	FORT DODGE IA	127.8	PLN	DTVPLN	-DTVP0600
26	KBTW-DT	DES MOINES IA	2.3	PLN	DTVPLN	-DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	129.6	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	129.6	LIC	BLC DT	-20050713ABD
31	KCCI-DT	DES MOINES IA	2.3	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	2.3	LIC	BLC DT	-20050628ABX
24	K54AF	KEOSAUQUA IA	186.7	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.
23	KCWI-TV	AMES IA	BSTA -20081103AAT

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KDSM-DT	DES MOINES IA	3.3	PLN	DTVPLN -DTVP0214
16	KDSM-TV	DES MOINES IA	0.0	LIC	BLC DT -20041118ABZ
19	WHO-DT	DES MOINES IA	2.3	PLN	DTVPLN -DTVP0349
21	KTIN	FORT DODGE IA	127.8	CP	BPET -20060911AAH
22	KWWF	WATERLOO IA	141.6	CP	BPCDT -20080807AAL
22	KWWF	WATERLOO IA	129.0	LIC	BLCT -20021129AAC
23	WIFR	FREEMPORT IL	370.4	LIC	BMLCT -20040615ABU
23	WQPT-TV	MOLINE IL	275.2	LIC	BLEDT -20030702AAR
23	WQPT-DT	MOLINE IL	274.9	PLN	DTVPLN -DTVP0523
23	KTWU-DT	TOPEKA KS	357.0	PLN	DTVPLN -DTVP0525
23	WUCW	MINNEAPOLIS MN	361.3	LIC	BLCT -20030401AXI
23	KLKE-DT	ALBION NE	386.3	PLN	DTVPLN -DTVP0533
23	KCSD-TV	SIOUX FALLS SD	315.0	CP MOD	BMPET -20031222ABL
24	KYIN	MASON CITY IA	183.0	LIC	BLET -19860923KJ
25	KTIN	FORT DODGE IA	127.8	LIC	BLEDT -20070822ACB
25	KTIN-DT	FORT DODGE IA	127.8	PLN	DTVPLN -DTVP0600
26	KBTW-DT	DES MOINES IA	2.3	PLN	DTVPLN -DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	129.6	PLN	DTVPLN -DTVP0671
27	KFXA	CEDAR RAPIDS IA	129.6	LIC	BLC DT -20050713ABD
31	KCCI-DT	DES MOINES IA	2.3	PLN	DTVPLN -DTVP0821
31	KCCI	DES MOINES IA	2.3	LIC	BLC DT -20050628ABX
24	K54AF	KEOSAUQUA IA	186.7	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 11

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	K23CI	OTTUMWA IA	BPTT -20051209AAY

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KDSM-DT	DES MOINES IA	140.7	PLN	DTVPLN -DTVP0214
16	KDSM-TV	DES MOINES IA	143.4	LIC	BLCDDT -20041118ABZ
16	WTJR	QUINCY IL	138.9	LIC	BLCT -19981123KE
19	WHO-DT	DES MOINES IA	141.8	PLN	DTVPLN -DTVP0349
23	KCWI-TV	AMES IA	143.4	LIC	BLCT -20010130ABE
23	KCWI-TV	AMES IA	143.4	APP	BSTA -20081103AAT
23	WBUI	DECATUR IL	319.2	LIC	BLCT -20010406ABK
23	WIFR	FREESPORT IL	307.2	LIC	BMLCT -20040615ABU
23	WQPT-TV	MOLINE IL	173.2	LIC	BLEDT -20030702AAR
23	WQPT-DT	MOLINE IL	173.4	PLN	DTVPLN -DTVP0523
23	KTWU-DT	TOPEKA KS	354.6	PLN	DTVPLN -DTVP0525
23	K23JG-D	ST. JAMES MN	396.9	CP	BDCCDDL -20061025AFA
23	K23IR-D	ST. LOUIS MO	325.8	CP	BDCCDDL -20061013AAM
23	K23AA-D	BEATRICE NE	390.6	LIC	BLDTT -20081114ACW
23	KKAZ-LD	OMAHA NE	303.7	CP	BDCCDDL -20061030ASQ
24	KRPG-LD	DES MOINES IA	121.1	CP	BDCCDDL -20061030AOH
24	K54AF	KEOSAUQUA IA	44.2	CP	BDISTT -20060320AAB
25	KWKB	IOWA CITY IA	123.4	LIC	BLCDDT -20070130AJQ
25	KWKB-DT	IOWA CITY IA	116.7	PLN	DTVPLN -DTVP0601
26	KBTB-DT	DES MOINES IA	142.2	PLN	DTVPLN -DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	131.4	PLN	DTVPLN -DTVP0671
27	KFXA	CEDAR RAPIDS IA	131.4	LIC	BLCDDT -20050713ABD
31	KCCI-DT	DES MOINES IA	142.2	PLN	DTVPLN -DTVP0821
31	KCCI	DES MOINES IA	142.2	LIC	BLCDDT -20050628ABX
24	K54AF	KEOSAUQUA IA	44.2	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.
23	K23CI	OTTUMWA IA	BLTT -19890518IJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	KDSM-DT	DES MOINES IA	137.2	PLN	DTVPLN -DTVP0214
16	KDSM-TV	DES MOINES IA	139.9	LIC	BLCDDT -20041118ABZ
16	WTJR	QUINCY IL	142.6	LIC	BLCT -19981123KE
19	WHO-DT	DES MOINES IA	138.3	PLN	DTVPLN -DTVP0349
23	KCWI-TV	AMES IA	139.9	LIC	BLCT -20010130ABE
23	KCWI-TV	AMES IA	139.9	APP	BSTA -20081103AAT
23	WBUI	DECATUR IL	321.5	LIC	BLCT -20010406ABK
23	WIFR	FREESPORT IL	306.2	LIC	BMLCT -20040615ABU
23	WQPT-TV	MOLINE IL	173.3	LIC	BLEDT -20030702AAR
23	WQPT-DT	MOLINE IL	173.5	PLN	DTVPLN -DTVP0523
23	KTWU-DT	TOPEKA KS	355.9	PLN	DTVPLN -DTVP0525
23	K23JG-D	ST. JAMES MN	393.0	CP	BDCCDDL -20061025AFA
23	K23IR-D	ST. LOUIS MO	329.7	CP	BDCCDDL -20061013AAM
23	K23AA-D	BEATRICE NE	390.2	LIC	BLDTT -20081114ACW
23	KKAZ-LD	OMAHA NE	302.1	CP	BDCCDDL -20061030ASQ
24	KRPG-LD	DES MOINES IA	117.9	CP	BDCCDDL -20061030AOH
24	K54AF	KEOSAUQUA IA	47.2	CP	BDISTT -20060320AAB
25	KWKB	IOWA CITY IA	121.4	LIC	BLCDDT -20070130AJQ
25	KWKB-DT	IOWA CITY IA	114.3	PLN	DTVPLN -DTVP0601
26	KBTB-DT	DES MOINES IA	138.8	PLN	DTVPLN -DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	127.8	PLN	DTVPLN -DTVP0671

27	KFXA	CEDAR RAPIDS IA	127.8	LIC	BLCDT	-20050713ABD
31	KCCI-DT	DES MOINES IA	138.8	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	138.8	LIC	BLCDT	-20050628ABX
24	K54AF	KEOSAUQUA IA	47.2	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 13

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
23	WQPT-DT	MOLINE IL	DTVPLN	-DTVP0523

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	NEW	WATERLOO IA	186.0	PLN	DTVPLN	-NPLN1139
22	WFHL-DT	DECATUR IL	198.6	PLN	DTVPLN	-DTVP0481
22	WMEC	MACOMB IL	106.8	PLN	DTVPLN	-NPLN1140
23	NEW	AMES IA	257.3	PLN	DTVPLN	-NPLN1171
23	WFHL	DECATUR IL	198.6	PLN	DTVPLN	-NPLN1172
23	WIFR	FREEDPORT IL	147.6	PLN	DTVPLN	-NPLN1173
23	WNDYTV	MARION IN	396.1	PLN	DTVPLN	-NPLN1174
23	WBAY-DT	GREEN BAY WI	394.1	PLN	DTVPLN	-DTVP0549
24	WQPTTV	MOLINE IL	0.0	PLN	DTVPLN	-NPLN1207

Results for: 23A IL MOLINE DTVPLN DTVP0523 PLN

HAAT 276.0 m, ATV ERP 50.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	556771	14150.1
not affected by terrain losses	556771	14150.1
lost to NTSC IX	32	11.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	32	11.8

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	WQPTTV	MOLINE IL	DTVPLN	-NPLN1207

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WAND	DECATUR IL	200.5	PLN	DTVPLN	-NPLN0985
17	WTVO	ROCKFORD IL	146.8	PLN	DTVPLN	-NPLN0986
21	WMEC-DT	MACOMB IL	106.8	PLN	DTVPLN	-DTVP0436
22	WMEC	MACOMB IL	106.8	PLN	DTVPLN	-NPLN1140
23	WFHL	DECATUR IL	198.6	PLN	DTVPLN	-NPLN1172
23	WIFR	FREEDPORT IL	147.6	PLN	DTVPLN	-NPLN1173
23	WQPT-DT	MOLINE IL	0.0	PLN	DTVPLN	-DTVP0523
24	KYIN	MASON CITY IA	304.2	PLN	DTVPLN	-NPLN1206
24	WTHI-DT	TERRE HAUTE IN	343.2	PLN	DTVPLN	-DTVP0567
24	KNLC	ST. LOUIS MO	329.4	PLN	DTVPLN	-NPLN1214
24	WCGVTV	MILWAUKEE WI	283.0	PLN	DTVPLN	-NPLN1233
24	WHRM-DT	WAUSAU WI	403.9	PLN	DTVPLN	-DTVP0590
25	KWKB-DT	IOWA CITY IA	106.9	PLN	DTVPLN	-DTVP0601
25	WEEKTV	PEORIA IL	103.8	PLN	DTVPLN	-NPLN1243
26	KJMH	BURLINGTON IA	84.3	PLN	DTVPLN	-NPLN1274
28	WYZZ-DT	BLOOMINGTON IL	125.6	PLN	DTVPLN	-DTVP0708
31	WMBDTV	PEORIA IL	103.9	PLN	DTVPLN	-NPLN1405
38	WQAD-DT	MOLINE IL	1.0	PLN	DTVPLN	-DTVP1045
39	WAOE-DT	PEORIA IL	100.2	PLN	DTVPLN	-DTVP1088
39	WQRFTV	ROCKFORD IL	147.5	PLN	DTVPLN	-NPLN1562

Results for: 24N IL MOLINE DTVPLN NPLN1207 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	556771	14150.1
not affected by terrain losses	556771	14147.1
lost to NTSC IX	704	142.8
lost to additional IX by ATV	0	0.0
lost to all IX	704	142.8

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WQPT-TV	MOLINE IL	BLEDT	-20030702AAR

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KWWF	WATERLOO IA	186.7	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	208.7	LIC	BLCT	-20021129AAC
22	WBUI	DECATUR IL	199.7	LIC	BLCDT	-20040521ADS
22	WFHL-DT	DECATUR IL	197.8	PLN	DTVPLN	-DTVP0481
22	WMEC	MACOMB IL	105.8	LIC	BLET	-19981106KF
23	KCWI-TV	AMES IA	275.2	LIC	BLCT	-20010130ABE
23	KCWI-TV	AMES IA	275.2	APP	BSTA	-20081103AAT
23	WBUI	DECATUR IL	199.7	LIC	BLCT	-20010406ABK
23	WIFR	FREEPORT IL	148.3	LIC	BMLCT	-20040615ABU
23	WNDY-TV	MARION IN	395.8	LIC	BLCT	-19990430KE
23	WBAY-DT	GREEN BAY WI	395.0	PLN	DTVPLN	-DTVP0549
24	WQPT-TV	MOLINE IL	1.7	LIC	BLET	-19980729KE
24	K54AF	KEOSAUQUA IA	146.6	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 14

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	W23DP	QUINCY IL	BNPTTL	-20000831BKG

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WSEC	JACKSONVILLE IL	115.8	LIC	BLEDT	-20031031ADN
15	WSEC-DT	JACKSONVILLE IL	101.1	PLN	DTVPLN	-DTVP0168
16	WTJR	QUINCY IL	4.6	LIC	BLCT	-19981123KE
21	WMEC	MACOMB IL	72.8	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	72.8	PLN	DTVPLN	-DTVP0436
22	WMEC	MACOMB IL	72.8	LIC	BLET	-19981106KF
22	KZOU-LP	COLUMBIA MO	166.1	CP	BDISDTL	-20081002ABI
23	KCWI-TV	AMES IA	285.2	LIC	BLCT	-20010130ABE
23	KCWI-TV	AMES IA	285.2	APP	BSTA	-20081103AAT
23	WBUI	DECATUR IL	212.7	LIC	BLCT	-20010406ABK
23	WIFR	FREEPORT IL	319.2	LIC	BMLCT	-20040615ABU
23	WQPT-TV	MOLINE IL	173.3	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	174.2	PLN	DTVPLN	-DTVP0523
23	W23BV	EVANSVILLE IN	375.4	CP	BDFCDTA	-20080925AAV
23	KTWU-DT	TOPEKA KS	392.0	PLN	DTVPLN	-DTVP0525
23	KBSI	CAPE GIRARDEAU MO	319.9	LIC	BLCT	-20050225ABQ
23	KOZK	SPRINGFIELD MO	337.3	LIC	BLEDT	-20030911AAS
23	KOZK-DT	SPRINGFIELD MO	332.5	PLN	DTVPLN	-DTVP0528
23	K23IR-D	ST. LOUIS MO	187.1	CP	BDCCDTL	-20061013AAM
24	K54AF	KEOSAUQUA IA	101.5	CP	BDISTT	-20060320AAB
24	NEW	QUINCY IL	0.0	APP	BNPTTL	-20000825AJV
24	NEW	QUINCY IL	0.0	APP	BNPTTL	-20000831BNQ
24	NEW	QUINCY IL	4.6	APP	BNPTTL	-20000802ADY
24	K54AF	KEOSAUQUA IA	101.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	W40BC	CEDAR RAPIDS IA	BPTTL -20020509AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KWWF	WATERLOO IA	66.0	CP	BPCDT -20080807AAL
22	KWWF	WATERLOO IA	86.1	LIC	BLCT -20021129AAC
23	WQPT-TV	MOLINE IL	125.1	LIC	BLEDT -20030702AAR
23	WQPT-DT	MOLINE IL	124.5	PLN	DTVPLN -DTVP0523
24	KRPG-LD	DES MOINES IA	160.2	CP	BDCCDTL -20061030AOH
24	K54AF	KEOSAUQUA IA	134.5	CP	BDISTT -20060320AAB
24	KYIN	MASON CITY IA	189.0	LIC	BLET -19860923KJ
24	WQPT-TV	MOLINE IL	124.1	LIC	BLET -19980729KE
24	WHVI-LP	VALPARAISO IN	386.5	CP	BDFCDTL -20060331AFL
24	K24HN-D	JACKSON MN	331.1	CP	BDCCDTL -20061020ABL
24	KMOV	ST. LOUIS MO	392.8	CP	BPCDT -20080303ALL
24	K24GO-D	BLAIR NE	374.2	LIC	BLDTT -20081125ANJ
24	WCGV-TV	MILWAUKEE WI	334.1	LIC	BLCT -19920902KF
24	WHRM-TV	WAUSAU WI	370.3	LIC	BLEDT -20051014AAW
24	WHRM-DT	WAUSAU WI	370.3	PLN	DTVPLN -DTVP0590
25	KWKB	IOWA CITY IA	32.3	LIC	BLCDT -20070130AJQ
25	KWKB-DT	IOWA CITY IA	20.0	PLN	DTVPLN -DTVP0601
26	KGCW-TV	BURLINGTON IA	128.1	LIC	BLCT -19871208KG
26	KGCW-TV	BURLINGTON IA	111.2	APP	BPCT -20010515AAJ
27	KFXA-DT	CEDAR RAPIDS IA	41.0	PLN	DTVPLN -DTVP0671
27	KFXA	CEDAR RAPIDS IA	41.0	LIC	BLCDT -20050713ABD
28	KFXA	CEDAR RAPIDS IA	41.0	LIC	BLCT -20050718AFP
38	WQAD-TV	MOLINE IL	125.0	LIC	BLCDT -20031014AEO
38	WQAD-DT	MOLINE IL	125.0	PLN	DTVPLN -DTVP1045
39	KFPX	NEWTON IA	129.0	CP	BPCDT -20070501AEV
39	KFPX	NEWTON IA	129.0	LIC	BLCT -19980903KF
24	K54AF	KEOSAUQUA IA	134.5	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.
24	KRPG-LD	DES MOINES IA	BDCCDTL -20061030AOH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KCWI-TV	AMES IA	27.5	LIC	BLCT -20010130ABE
23	KCWI-TV	AMES IA	27.5	APP	BSTA -20081103AAT
23	KKAZ-LD	OMAHA NE	207.1	CP	BDCCDTL -20061030ASQ
24	K54AF	KEOSAUQUA IA	165.1	CP	BDISTT -20060320AAB
24	KYIN	MASON CITY IA	206.4	LIC	BLET -19860923KJ
24	WQPT-TV	MOLINE IL	264.7	LIC	BLET -19980729KE
24	K24HN-D	JACKSON MN	253.5	CP	BDCCDTL -20061020ABL
24	KCTV-DT	KANSAS CITY MO	293.6	PLN	DTVPLN -DTVP0573
24	K24GO-D	BLAIR NE	216.2	LIC	BLDTT -20081125ANJ
24	K48CH	NORFOLK NE	320.8	CP	BDISDTT -20060331AIW
24	KCSD-TV	SIOUX FALLS SD	337.3	LIC	BLEDT -20040112ACM
24	KCSD-DT	SIOUX FALLS SD	340.0	PLN	DTVPLN -DTVP0583
24	K54AF	KEOSAUQUA IA	165.1	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 17

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	KYIN	MASON CITY IA	DTVPLN	-NPLN1206

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KDSMTV	DES MOINES IA	185.9	PLN	DTVPLN	-NPLN0984
17	KTCITV	ST. PAUL MN	188.8	PLN	DTVPLN	-NPLN0988
17	WLAX-DT	LA CROSSE WI	127.1	PLN	DTVPLN	-DTVP0287
20	KSMQ-DT	AUSTIN MN	36.4	PLN	DTVPLN	-DTVP0402
22	NEW	WATERLOO IA	123.1	PLN	DTVPLN	-NPLN1139
23	NEW	AMES IA	161.9	PLN	DTVPLN	-NPLN1171
23	KLGGTV	MINNEAPOLIS MN	188.8	PLN	DTVPLN	-NPLN1178
24	WQPTTV	MOLINE IL	304.2	PLN	DTVPLN	-NPLN1207
24	NEW	IRONWOOD MI	403.5	PLN	DTVPLN	-NPLN1213
24	KCCO-DT	ALEXANDRIA MN	315.2	PLN	DTVPLN	-DTVP0572
24	KCSD-DT	SIOUX FALLS SD	316.0	PLN	DTVPLN	-DTVP0583
24	WCGVTV	MILWAUKEE WI	400.4	PLN	DTVPLN	-NPLN1233
24	WHRM-DT	WAUSAU WI	303.9	PLN	DTVPLN	-DTVP0590
25	KTIN-DT	FORT DODGE IA	142.2	PLN	DTVPLN	-DTVP0600
25	WLAX	LA CROSSE WI	127.1	PLN	DTVPLN	-NPLN1261
31	WHLATV	LA CROSSE WI	127.3	PLN	DTVPLN	-NPLN1418
32	KRIN	WATERLOO IA	141.7	PLN	DTVPLN	-NPLN1428
38	KEYC-DT	MANKATO MN	141.6	PLN	DTVPLN	-DTVP1052
39	NEW	NEWTON IA	175.4	PLN	DTVPLN	-NPLN1561

Results for: 24N IA MASON CITY DTVPLN NPLN1206 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	279859	19897.6
not affected by terrain losses	277100	19796.9
lost to NTSC IX	1016	97.7
lost to additional IX by ATV	569	104.6
lost to all IX	1585	202.3

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KYIN	MASON CITY IA	BLET	-19860923KJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KDSM-TV	DES MOINES IA	184.7	LIC	BLCT	-20021226AAD
17	KTCI-TV	ST. PAUL MN	188.8	LIC	BMLET	-20050322AGC
17	WLAX	LA CROSSE WI	127.1	CP MOD	BMPCDT	-20080326AGW
17	WLAX-DT	LA CROSSE WI	127.1	PLN	DTVPLN	-DTVP0287
20	KSMQ-TV	AUSTIN MN	38.9	CP MOD	BMPEDT	-20081114AAX
20	KSMQ-DT	AUSTIN MN	36.4	PLN	DTVPLN	-DTVP0402
22	KWWF	WATERLOO IA	123.1	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	105.3	LIC	BLCT	-20021129AAC
23	KCWI-TV	AMES IA	183.0	LIC	BLCT	-20010130ABE
23	KCWI-TV	AMES IA	183.0	APP	BSTA	-20081103AAT
23	WUCW	MINNEAPOLIS MN	189.4	LIC	BLCT	-20030401AXI
24	WQPT-TV	MOLINE IL	303.7	LIC	BLET	-19980729KE
24	KCCO-DT	ALEXANDRIA MN	315.2	PLN	DTVPLN	-DTVP0572
24	KCSD-TV	SIOUX FALLS SD	309.1	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	316.0	PLN	DTVPLN	-DTVP0583
24	WCGV-TV	MILWAUKEE WI	400.4	LIC	BLCT	-19920902KF
24	WHRM-TV	WAUSAU WI	304.0	LIC	BLEDT	-20051014AAW
24	WHRM-DT	WAUSAU WI	303.9	PLN	DTVPLN	-DTVP0590

25	KTIN	FORT DODGE IA	142.2	LIC	BLEDT	-20070822ACB
25	KTIN-DT	FORT DODGE IA	142.2	PLN	DTVPLN	-DTVP0600
25	WLAX	LA CROSSE WI	127.0	LIC	BLCT	-20000314AAA
31	WHLA-TV	LA CROSSE WI	127.3	LIC	BMLET	-20041013AAM
32	KRIN	WATERLOO IA	141.7	LIC	BLET	-19860923KQ
38	KEYC-DT	MANKATO MN	141.6	PLN	DTVPLN	-DTVP1052
39	KFPX	NEWTON IA	175.5	LIC	BLCT	-19980903KF
39	960220KF	MARSHFIELD WI	207.4	APP	BPCT	-19960220KF
24	K54AF	KEOSAUQUA IA	304.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WTVO-DT	ROCKFORD IL	96.2	PLN	DTVPLN	-DTVP0216
17	WTVO	ROCKFORD IL	96.2	LIC	BMLCT	-20021024AAY
17	WYIN	GARY IN	92.2	LIC	BLEDT	-20040206AAA
17	WYIN-DT	GARY IN	92.2	PLN	DTVPLN	-DTVP0259
21	WYCC	CHICAGO IL	76.1	LIC	BLEDT	-20030501ABC
21	WYCC-DT	CHICAGO IL	76.1	PLN	DTVPLN	-DTVP0435
23	WIFR	FREEPORT IL	97.0	LIC	BMLCT	-20040615ABU
23	WMYS-LD	SOUTH BEND IN	188.4	LIC	BLDTL	-20071003ABM
24	K54AF	KEOSAUQUA IA	308.0	CP	BDISTT	-20060320AAB
24	WQPT-TV	MOLINE IL	163.5	LIC	BLET	-19980729KE
24	WPTA	FORT WAYNE IN	278.3	LIC	BLCDT	-20031031AGU
24	WPTA-DT	FORT WAYNE IN	278.3	PLN	DTVPLN	-DTVP0566
24	WTHI-DT	TERRE HAUTE IN	277.7	PLN	DTVPLN	-DTVP0567
24	WHVI-LP	VALPARAISO IN	119.1	CP	BDFCDTL	-20060331AFL
24	WTLJ-DT	MUSKEGON MI	257.9	PLN	DTVPLN	-DTVP0571
24	WTLJ	MUSKEGON MI	257.9	LIC	BLCDT	-20051115ABP
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-DT	WAUSAU WI	381.8	PLN	DTVPLN	-DTVP0590
27	WCIU-DT	CHICAGO IL	74.2	PLN	DTVPLN	-DTVP0672
28	WYZZ-TV	BLOOMINGTON IL	122.9	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	122.9	PLN	DTVPLN	-DTVP0708
31	WFLD	CHICAGO IL	74.2	LIC	BLCDT	-20050606ABF
31	WFLD-DT	CHICAGO IL	76.1	PLN	DTVPLN	-DTVP0822
32	WJNW-DT	JANESVILLE WI	140.2	PLN	DTVPLN	-DTVP0889
38	WCPX	CHICAGO IL	74.2	LIC	BLCT	-20050715ACC
39	WWME-LD	CHICAGO IL	74.2	CP	BPDTL	-20080821ACS
39	WWME-LD	CHICAGO IL	74.2	LIC	BLDTL	-20080318ABV
39	WAOE-DT	PEORIA IL	130.7	PLN	DTVPLN	-DTVP1088
39	WQRF-TV	ROCKFORD IL	96.1	LIC	BLCT	-19960402KE
24	K54AF	KEOSAUQUA IA	308.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WNOI-LP	FLORA IL	BLTTL	-19930603JK



## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WTCT	MARION IL	136.3	CP MOD	BMPCDT	-20011119AAX
17	WTCT-DT	MARION IL	136.3	PLN	DTVPLN	-DTVP0258
17	WTCT	MARION IL	136.3	LIC	BLCDDT	-20060629ACN
21	WCEE-DT	MOUNT VERNON IL	51.3	PLN	DTVPLN	-DTVP0437
23	WNOI-LP	FLORA IL	0.0	CP	BPTTL	-20060710ADD
23	W23BV	EVANSVILLE IN	87.3	CP	BDFCDTA	-20080925AAV
23	K23IR-D	ST. LOUIS MO	193.8	CP	BDCCDTL	-20061013AAM
24	K54AF	KEOSAUQUA IA	382.1	CP	BDISTT	-20060320AAB
24	WQPT-TV	MOLINE IL	342.5	LIC	BLET	-19980729KE
24	WPTA	FORT WAYNE IN	382.6	LIC	BLCDDT	-20031031AGU
24	WPTA-DT	FORT WAYNE IN	382.7	PLN	DTVPLN	-DTVP0566
24	WTHI-DT	TERRE HAUTE IN	105.6	PLN	DTVPLN	-DTVP0567
24	WHVI-LP	VALPARAISO IN	337.1	CP	BDFCDTL	-20060331AFL
24	WKYU-TV	BOWLING GREEN KY	245.0	LIC	BMLET	-20040921ADS
24	WCVN-DT	COVINGTON KY	335.5	PLN	DTVPLN	-DTVP0568
24	KNLC	ST. LOUIS MO	193.8	LIC	BLCT	-20070227AAB
24	KMOV	ST. LOUIS MO	169.6	CP	BPCDDT	-20080303ALL
25	WEHT	EVANSVILLE IN	112.3	LIC	BLCT	-2510
28	WTVW-DT	EVANSVILLE IN	112.1	PLN	DTVPLN	-DTVP0709
38	WFXW	TERRE HAUTE IN	104.2	LIC	BLCT	-20031022AAD
39	WBAK-DT	TERRE HAUTE IN	104.1	PLN	DTVPLN	-DTVP1090
39	WFXW	TERRE HAUTE IN	105.1	CP MOD	BMPCDT	-20070125ACT
24	K54AF	KEOSAUQUA IA	382.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 20

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	WQPTTV	MOLINE IL	DTVPLN	-NPLN1207

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WAND	DECATUR IL	200.5	PLN	DTVPLN	-NPLN0985
17	WTVO	ROCKFORD IL	146.8	PLN	DTVPLN	-NPLN0986
21	WMEC-DT	MACOMB IL	106.8	PLN	DTVPLN	-DTVP0436
22	WMEC	MACOMB IL	106.8	PLN	DTVPLN	-NPLN1140
23	WFHL	DECATUR IL	198.6	PLN	DTVPLN	-NPLN1172
23	WIFR	FREEPOR IL	147.6	PLN	DTVPLN	-NPLN1173
23	WQPT-DT	MOLINE IL	0.0	PLN	DTVPLN	-DTVP0523
24	KYIN	MASON CITY IA	304.2	PLN	DTVPLN	-NPLN1206
24	WTHI-DT	TERRE HAUTE IN	343.2	PLN	DTVPLN	-DTVP0567
24	KNLC	ST. LOUIS MO	329.4	PLN	DTVPLN	-NPLN1214
24	WCGVTV	MILWAUKEE WI	283.0	PLN	DTVPLN	-NPLN1233
24	WHRM-DT	WAUSAU WI	403.9	PLN	DTVPLN	-DTVP0590
25	KWKB-DT	IOWA CITY IA	106.9	PLN	DTVPLN	-DTVP0601
25	WEEKTV	PEORIA IL	103.8	PLN	DTVPLN	-NPLN1243
26	KJMH	BURLINGTON IA	84.3	PLN	DTVPLN	-NPLN1274
28	WYZZ-DT	BLOOMINGTON IL	125.6	PLN	DTVPLN	-DTVP0708
31	WMBDTV	PEORIA IL	103.9	PLN	DTVPLN	-NPLN1405
38	WQAD-DT	MOLINE IL	1.0	PLN	DTVPLN	-DTVP1045
39	WAOE-DT	PEORIA IL	100.2	PLN	DTVPLN	-DTVP1088
39	WQRFTV	ROCKFORD IL	147.5	PLN	DTVPLN	-NPLN1562

Results for: 24N IL MOLINE

	DTVPLN	NPLN1207
POPULATION	556771	14150.1
AREA (sq km)	556771	14147.1
lost to NTSC IX	704	142.8
lost to additional IX by ATV	0	0.0

PLN

within Noise Limited Contour	556771	14150.1
not affected by terrain losses	556771	14147.1
lost to NTSC IX	704	142.8
lost to additional IX by ATV	0	0.0

lost to all IX

704

142.8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WQPT-TV	MOLINE IL	BLET	-19980729KE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WAND	DECATUR IL	201.0	LIC	BLCT	-19790612KG
17	WTVO	ROCKFORD IL	146.3	LIC	BMLCT	-20021024AAY
21	WMEC	MACOMB IL	107.4	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	107.5	PLN	DTVPLN	-DTVP0436
22	WMEC	MACOMB IL	107.4	LIC	BLET	-19981106KF
23	WBUI	DECATUR IL	201.0	LIC	BLCT	-20010406ABK
23	WIFR	FREEPORT IL	147.1	LIC	BMLCT	-20040615ABU
23	WQPT-TV	MOLINE IL	1.7	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	0.7	PLN	DTVPLN	-DTVP0523
24	KYIN	MASON CITY IA	303.7	LIC	BLET	-19860923KJ
24	WTHI-DT	TERRE HAUTE IN	343.6	PLN	DTVPLN	-DTVP0567
24	KNLC	ST. LOUIS MO	330.0	LIC	BLCT	-20070227AAB
24	KMOV	ST. LOUIS MO	311.0	CP	BPCDT	-20080303ALL
24	WCGV-TV	MILWAUKEE WI	282.5	LIC	BLCT	-19920902KF
24	WHRM-TV	WAUSAU WI	403.2	LIC	BLEDT	-20051014AAW
24	WHRM-DT	WAUSAU WI	403.2	PLN	DTVPLN	-DTVP0590
25	KWKB	IOWA CITY IA	92.2	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	106.6	PLN	DTVPLN	-DTVP0601
25	WEEK-TV	PEORIA IL	104.3	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	104.4	LIC	BLCT	-20030523AFG
26	KGCW-TV	BURLINGTON IA	84.8	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	41.7	APP	BPCT	-20010515AAJ
28	WYZZ-TV	BLOOMINGTON IL	126.0	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	126.0	PLN	DTVPLN	-DTVP0708
31	WMBD-TV	PEORIA IL	104.4	LIC	BLCT	-2378
38	WQAD-TV	MOLINE IL	1.7	LIC	BLCDT	-20031014AEO
38	WQAD-DT	MOLINE IL	1.7	PLN	DTVPLN	-DTVP1045
39	WAOE-DT	PEORIA IL	100.7	PLN	DTVPLN	-DTVP1088
39	WQRF-TV	ROCKFORD IL	147.0	LIC	BLCT	-19960402KE
24	K54AF	KEOSAUQUA IA	147.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 20 WQPT-TV

Before Analysis

Results for: 24N IL MOLINE	BLET	19980729KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	553744	13754.3	
not affected by terrain losses	553744	13751.3	
lost to NTSC IX	579	124.1	
lost to additional IX by ATV	12056	314.2	
lost to all IX	12635	438.3	

Potential Interfering Stations Included in above Scenario 1

24N IA MASON CITY	BLET	19860923KJ	LIC
24N WI MILWAUKEE	BLCT	19920902KF	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
24A MO ST. LOUIS	BPCDT	20080303ALL	CP
25A IA IOWA CITY	BLCDT	20070130AJQ	LIC

After Analysis

Results for: 24N IL MOLINE	BLET	19980729KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	553744	13754.3	

not affected by terrain losses	553744	13751.3
lost to NTSC IX	579	124.1
lost to additional IX by ATV	12326	359.5
lost to all IX	12905	483.6

Potential Interfering Stations Included in above Scenario 1

24N IA MASON CITY	BLET	19860923KJ	LIC
24N WI MILWAUKEE	BLCT	19920902KF	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
24A MO ST. LOUIS	BPCDT	20080303ALL	CP
25A IA IOWA CITY	BLCDT	20070130AJQ	LIC
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.0488%

Result key: 2  
 Scenario 2 Affected station 20 WQPT-TV  
 Before Analysis

Results for: 24N IL MOLINE

	BLET	19980729KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	553744	13754.3	
not affected by terrain losses	553744	13751.3	
lost to NTSC IX	2802	322.1	
lost to additional IX by ATV	12044	304.4	
lost to all IX	14846	626.4	

Potential Interfering Stations Included in above Scenario 2

24N IA MASON CITY	BLET	19860923KJ	LIC
24N WI MILWAUKEE	BLCT	19920902KF	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
24A MO ST. LOUIS	BPCDT	20080303ALL	CP
25A IA IOWA CITY	BLCDT	20070130AJQ	LIC

After Analysis

Results for: 24N IL MOLINE

	BLET	19980729KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	553744	13754.3	
not affected by terrain losses	553744	13751.3	
lost to NTSC IX	2802	322.1	
lost to additional IX by ATV	12088	312.2	
lost to all IX	14890	634.3	

Potential Interfering Stations Included in above Scenario 2

24N IA MASON CITY	BLET	19860923KJ	LIC
24N WI MILWAUKEE	BLCT	19920902KF	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
24A MO ST. LOUIS	BPCDT	20080303ALL	CP
25A IA IOWA CITY	BLCDT	20070130AJQ	LIC
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.0079%

Worst case new IX 0.0488% Scenario 1

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	NEW	QUINCY IL	BNPTTL -20000825AJV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WMEC	MACOMB IL	72.8	LIC	BLEDT -20031031ADO
21	WMEC-DT	MACOMB IL	72.8	PLN	DTVPLN -DTVP0436
23	W23DP	QUINCY IL	0.0	CP	BNPTTL -20000831BKG
23	K23IR-D	ST. LOUIS MO	187.1	CP	BDCCDTL -20061013AAM
24	KRPG-LD	DES MOINES IA	261.6	CP	BDCCDTL -20061030AOH
24	K54AF	KEOSAUQUA IA	101.5	CP	BDISTT -20060320AAB
24	WQPT-TV	MOLINE IL	174.8	LIC	BLET -19980729KE
24	NEW	QUINCY IL	0.0	APP	BNPTTL -20000831BNQ
24	NEW	QUINCY IL	4.6	APP	BNPTTL -20000802ADY
24	WTHI-DT	TERRE HAUTE IN	346.6	PLN	DTVPLN -DTVP0567
24	WHVI-LP	VALPARAISO IN	403.6	CP	BDFCDTL -20060331AFL
24	KCTV-DT	KANSAS CITY MO	294.7	PLN	DTVPLN -DTVP0573
24	KNLC	ST. LOUIS MO	187.1	LIC	BLCT -20070227AAB
24	KMOV	ST. LOUIS MO	179.3	CP	BPCDT -20080303ALL
25	W25DK	QUINCY IL	4.6	CP	BNPTTL -20000831AVU
32	WTJR-DT	QUINCY IL	4.6	PLN	DTVPLN -DTVP0863
24	K54AF	KEOSAUQUA IA	101.5	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.
24	NEW	QUINCY IL	BNPTTL -20000831BNQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WMEC	MACOMB IL	72.8	LIC	BLEDT -20031031ADO
21	WMEC-DT	MACOMB IL	72.8	PLN	DTVPLN -DTVP0436
23	W23DP	QUINCY IL	0.0	CP	BNPTTL -20000831BKG
23	K23IR-D	ST. LOUIS MO	187.1	CP	BDCCDTL -20061013AAM
24	KRPG-LD	DES MOINES IA	261.6	CP	BDCCDTL -20061030AOH
24	K54AF	KEOSAUQUA IA	101.5	CP	BDISTT -20060320AAB
24	WQPT-TV	MOLINE IL	174.8	LIC	BLET -19980729KE
24	NEW	QUINCY IL	0.0	APP	BNPTTL -20000825AJV
24	NEW	QUINCY IL	4.6	APP	BNPTTL -20000802ADY
24	WTHI-DT	TERRE HAUTE IN	346.6	PLN	DTVPLN -DTVP0567
24	WHVI-LP	VALPARAISO IN	403.6	CP	BDFCDTL -20060331AFL
24	KCTV-DT	KANSAS CITY MO	294.7	PLN	DTVPLN -DTVP0573
24	KNLC	ST. LOUIS MO	187.1	LIC	BLCT -20070227AAB
24	KMOV	ST. LOUIS MO	179.3	CP	BPCDT -20080303ALL
25	W25DK	QUINCY IL	4.6	CP	BNPTTL -20000831AVU
32	WTJR-DT	QUINCY IL	4.6	PLN	DTVPLN -DTVP0863
24	K54AF	KEOSAUQUA IA	101.5	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.
24	NEW	QUINCY IL	BNPTTL -20000802ADY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WMEC	MACOMB IL	69.4	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	69.3	PLN	DTVPLN	-DTVP0436
23	W23DP	QUINCY IL	4.6	CP	BNPTTL	-20000831BKG
23	K23IR-D	ST. LOUIS MO	191.2	CP	BDCCDTL	-20061013AAM
24	KRPG-LD	DES MOINES IA	258.7	CP	BDCCDTL	-20061030AOH
24	K54AF	KEOSAUQUA IA	97.8	CP	BDISTT	-20060320AAB
24	WQPT-TV	MOLINE IL	170.6	LIC	BLET	-19980729KE
24	NEW	QUINCY IL	4.6	APP	BNPTTL	-20000825AJV
24	NEW	QUINCY IL	4.6	APP	BNPTTL	-20000831BNQ
24	WTHI-DT	TERRE HAUTE IN	347.2	PLN	DTVPLN	-DTVP0567
24	WHVI-LP	VALPARAISO IN	401.3	CP	BDFCDTL	-20060331AFL
24	KCTV-DT	KANSAS CITY MO	296.4	PLN	DTVPLN	-DTVP0573
24	KNLC	ST. LOUIS MO	191.2	LIC	BLCT	-20070227AAB
24	KMOV	ST. LOUIS MO	183.1	CP	BPCDT	-20080303ALL
25	W25DK	QUINCY IL	0.1	CP	BNPTTL	-20000831AVU
32	WTJR-DT	QUINCY IL	0.0	PLN	DTVPLN	-DTVP0863
24	K54AF	KEOSAUQUA IA	97.8	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 24

##### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	KNLC	ST. LOUIS MO	DTVPLN	-NPLN1214

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KMIZ	COLUMBIA MO	180.3	PLN	DTVPLN	-NPLN0989
20	KNLJ-DT	JEFFERSON CITY MO	139.2	PLN	DTVPLN	-DTVP0404
22	KBSI-DT	CAPE GIRARDEAU MO	137.0	PLN	DTVPLN	-DTVP0489
23	KBSI	CAPE GIRARDEAU MO	137.0	PLN	DTVPLN	-NPLN1179
24	WQPTTV	MOLINE IL	329.4	PLN	DTVPLN	-NPLN1207
24	WTHI-DT	TERRE HAUTE IN	291.1	PLN	DTVPLN	-DTVP0567
24	WKYUTV	BOWLING GREEN KY	389.4	PLN	DTVPLN	-NPLN1209
24	KCTV-DT	KANSAS CITY MO	358.5	PLN	DTVPLN	-DTVP0573
24	WPTYTV	MEMPHIS TN	357.2	PLN	DTVPLN	-NPLN1225
25	KNLJ	JEFFERSON CITY MO	139.2	PLN	DTVPLN	-NPLN1250
26	KPLR-DT	ST. LOUIS MO	28.7	PLN	DTVPLN	-DTVP0642
31	KDNL-DT	ST. LOUIS MO	31.0	PLN	DTVPLN	-DTVP0829
39	KETC-DT	ST. LOUIS MO	18.8	PLN	DTVPLN	-DTVP1094

Results for: 24N MO ST. LOUIS		DTVPLN	NPLN1214	PLN
	POPULATION	AREA (sq km)		
within Noise Limited Contour	2539049	20171.4		
not affected by terrain losses	2537223	19856.6		
lost to NTSC IX	5069	309.9		
lost to additional IX by ATV	1730	103.0		
lost to all IX	6799	412.9		

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KNLC	ST. LOUIS MO	BLCT	-20070227AAB

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KMIZ	COLUMBIA MO	180.4	LIC	BLCT	-19930930KR
20	KNLJ-DT	JEFFERSON CITY MO	139.3	PLN	DTVPLN	-DTVP0404
20	KNLJ	JEFFERSON CITY MO	139.3	LIC	BLC DT	-20061219AAX
22	KBSI	CAPE GIRARDEAU MO	136.9	LIC	BLC DT	-20041213ABC
22	KBSI-DT	CAPE GIRARDEAU MO	136.9	PLN	DTVPLN	-DTVP0489

23	KBSI	CAPE GIRARDEAU MO	136.9	LIC	BLCT	-20050225ABQ
24	WQPT-TV	MOLINE IL	330.0	LIC	BLET	-19980729KE
24	WTHI-DT	TERRE HAUTE IN	291.0	PLN	DTVPLN	-DTVP0567
24	WKYU-TV	BOWLING GREEN KY	389.3	LIC	BMLET	-20040921ADS
24	KCTV-DT	KANSAS CITY MO	358.6	PLN	DTVPLN	-DTVP0573
24	WPTY-TV	MEMPHIS TN	349.7	LIC	BMLCT	-20050427ABO
25	KNLJ	JEFFERSON CITY MO	139.3	APP	BSTA	-20080505ABG
25	KNLJ	JEFFERSON CITY MO	139.3	LIC	BLCT	-19860430KI
25	KNLJ	JEFFERSON CITY MO	139.3	APP	BSTA	-20080430ABQ
26	KPLR-TV	ST. LOUIS MO	30.6	LIC	BLCDT	-20030812ABY
26	KPLR-DT	ST. LOUIS MO	28.7	PLN	DTVPLN	-DTVP0642
31	KDNL-DT	ST. LOUIS MO	31.0	PLN	DTVPLN	-DTVP0829
31	KDNL-TV	ST. LOUIS MO	31.0	LIC	BLCDT	-20021216AAE
39	KETC-DT	ST. LOUIS MO	18.8	PLN	DTVPLN	-DTVP1094
24	K54AF	KEOSAUQUA IA	287.8	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.
24	KMOV	ST. LOUIS MO	BPCDT -20080303ALL

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WBUI	DECATUR IL	201.8	LIC	BLCT -20010406ABK
23	KBSI	CAPE GIRARDEAU MO	140.6	LIC	BLCT -20050225ABQ
24	WQPT-TV	MOLINE IL	311.0	LIC	BLET -19980729KE
24	WTHI-DT	TERRE HAUTE IN	264.3	PLN	DTVPLN -DTVP0567
24	WKYU-TV	BOWLING GREEN KY	376.4	LIC	BMLET -20040921ADS
24	KCTV-DT	KANSAS CITY MO	375.8	PLN	DTVPLN -DTVP0573
24	WPTY-TV	MEMPHIS TN	364.6	LIC	BMLCT -20050427ABO
25	KNLJ	JEFFERSON CITY MO	156.6	APP	BSTA -20080505ABG
25	KNLJ	JEFFERSON CITY MO	156.6	LIC	BLCT -19860430KI
25	KNLJ	JEFFERSON CITY MO	156.6	APP	BSTA -20080430ABQ
24	K54AF	KEOSAUQUA IA	280.8	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.
24	K24GO-D	BLAIR NE	BLDTT -20081125ANJ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	K23AA-D	BEATRICE NE	159.9	LIC	BLDTT -20081114ACW
23	KKAZ-LD	OMAHA NE	33.0	CP	BDCCDTL -20061030ASQ
24	KRPG-LD	DES MOINES IA	216.2	CP	BDCCDTL -20061030AOH
24	K54AF	KEOSAUQUA IA	362.8	CP	BDISTT -20060320AAB
24	KYIN	MASON CITY IA	339.5	LIC	BLET -19860923KJ
24	K24HN-D	JACKSON MN	248.6	CP	BDCCDTL -20061020ABL
24	KCTV-DT	KANSAS CITY MO	303.6	PLN	DTVPLN -DTVP0573
24	K49FP	COLUMBUS-FREMONT NE	66.3	LIC	BLTTL -19950807JE
24	K55AF	COZAD NE	314.5	CP	BDISDTT -20060329ANJ
24	K48CH	NORFOLK NE	116.1	CP	BDISDTT -20060331AIW
24	KKAZ-CA	OMAHA NE	33.0	LIC	BLTTA -20030402AFC
24	KCSD-TV	SIOUX FALLS SD	231.0	LIC	BLEDT -20040112ACM

24	KCSD-DT	SIOUX FALLS SD	228.2	PLN	DTVPLN	-DTVP0583
25	NEW	SIOUX CITY IA	107.9	APP	BSFDTL	-20060630DCR
25	KOLN-DT	LINCOLN NE	119.1	PLN	DTVPLN	-DTVP0610
25	KAZW-LD	SOUTH SIOUX CITY NE	107.2	CP	BDCCDTL	-20070418ACW
25	K31DP	YANKTON SD	169.3	CP	BDISDTT	-20060327ACG
24	K54AF	KEOSAUQUA IA	362.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 27

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KKAZ-CA	OMAHA NE	BLTTA	-20030402AFC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KYNE-TV	OMAHA NE	2.1	LIC	BLEDT	-20030409AAV
17	KYNE-DT	OMAHA NE	2.1	PLN	DTVPLN	-DTVP0270
20	KETV-DT	OMAHA NE	6.8	PLN	DTVPLN	-DTVP0410
20	KETV	OMAHA NE	6.7	LIC	BLCDDT	-20041222AED
22	WOWT-DT	OMAHA NE	7.0	PLN	DTVPLN	-DTVP0495
23	K23AA-D	BEATRICE NE	139.6	LIC	BLDTT	-20081114ACW
23	KKAZ-LD	OMAHA NE	0.0	CP	BDCCDTL	-20061030ASQ
24	KRPG-LD	DES MOINES IA	207.1	CP	BDCCDTL	-20061030AOH
24	K54AF	KEOSAUQUA IA	344.5	CP	BDISTT	-20060320AAB
24	KYIN	MASON CITY IA	349.7	LIC	BLET	-19860923KJ
24	K24HN-D	JACKSON MN	273.1	CP	BDCCDTL	-20061020ABL
24	KCTV-DT	KANSAS CITY MO	270.6	PLN	DTVPLN	-DTVP0573
24	K24GO-D	BLAIR NE	33.0	LIC	BLDTT	-20081125ANJ
24	K49FP	COLUMBUS-FREMONT NE	78.8	LIC	BLTTL	-19950807JE
24	K55AF	COZAD NE	319.4	CP	BDISDTT	-20060329ANJ
24	K48CH	NORFOLK NE	143.6	CP	BDISDTT	-20060331AIW
24	KCSD-TV	SIOUX FALLS SD	263.4	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	260.8	PLN	DTVPLN	-DTVP0583
25	NEW	SIOUX CITY IA	140.0	APP	BSFDTL	-20060630DCR
25	KOLN-DT	LINCOLN NE	112.3	PLN	DTVPLN	-DTVP0610
25	KAZW-LD	SOUTH SIOUX CITY NE	139.9	CP	BDCCDTL	-20070418ACW
25	K31DP	YANKTON SD	201.4	CP	BDISDTT	-20060327ACG
28	KSIN-DT	SIOUX CITY IA	142.3	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	142.3	LIC	BLEDT	-20050726AMC
31	KLKN-DT	LINCOLN NE	118.3	PLN	DTVPLN	-DTVP0833
38	KXVO-DT	OMAHA NE	28.9	PLN	DTVPLN	-DTVP1057
38	KXVO	OMAHA NE	28.9	CP MOD	BMPCDT	-20040618AAW
39	KMEG-DT	SIOUX CITY IA	142.3	PLN	DTVPLN	-DTVP1087
24	K54AF	KEOSAUQUA IA	344.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 28

##### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
25	KWKB-DT	IOWA CITY IA	DTVPLN	-DTVP0601

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KYIN	MASON CITY IA	209.0	PLN	DTVPLN	-NPLN1206
24	WQPTTV	MOLINE IL	106.9	PLN	DTVPLN	-NPLN1207
25	KTIN-DT	FORT DODGE IA	264.9	PLN	DTVPLN	-DTVP0600
25	WEEKTV	PEORIA IL	207.5	PLN	DTVPLN	-NPLN1243
25	KNLJ	JEFFERSON CITY MO	342.7	PLN	DTVPLN	-NPLN1250
25	WLAX	LA CROSSE WI	227.9	PLN	DTVPLN	-NPLN1261
25	WCGV-DT	MILWAUKEE WI	331.9	PLN	DTVPLN	-DTVP0625
26	KJMH	BURLINGTON IA	108.7	PLN	DTVPLN	-NPLN1274
26	KBTB-DT	DES MOINES IA	173.8	PLN	DTVPLN	-DTVP0634
26	WKOW-DT	MADISON WI	218.0	PLN	DTVPLN	-DTVP0659

Results for: 25A IA IOWA CITY DTVPLN DTVP0601 PLN  
 HAAT 123.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	391453	11698.5
not affected by terrain losses	391241	11648.6
lost to NTSC IX	3043	147.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	41	13.7
lost to all IX	3043	147.8

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
20	KWKB	IOWA CITY IA	DTVPLN	-NPLN1076

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLJBTV	DAVENPORT IA	106.9	PLN	DTVPLN	-NPLN1016
19	WHO-DT	DES MOINES IA	173.3	PLN	DTVPLN	-DTVP0349
19	WHOI	PEORIA IL	203.3	PLN	DTVPLN	-NPLN1042
20	WYCC	CHICAGO IL	323.6	PLN	DTVPLN	-NPLN1078
20	WICS	SPRINGFIELD IL	278.0	PLN	DTVPLN	-NPLN1079
20	KSMQ-DT	AUSTIN MN	245.0	PLN	DTVPLN	-DTVP0402
20	KNLJ-DT	JEFFERSON CITY MO	342.7	PLN	DTVPLN	-DTVP0404
20	KETV-DT	OMAHA NE	377.8	PLN	DTVPLN	-DTVP0410
20	WHA-DT	MADISON WI	218.0	PLN	DTVPLN	-DTVP0425
20	WHRMTV	WAUSAU WI	381.5	PLN	DTVPLN	-NPLN1095
21	WMEC-DT	MACOMB IL	165.0	PLN	DTVPLN	-DTVP0436
22	NEW	WATERLOO IA	86.0	PLN	DTVPLN	-NPLN1139
23	WQPT-DT	MOLINE IL	106.9	PLN	DTVPLN	-DTVP0523
24	WQPTTV	MOLINE IL	106.9	PLN	DTVPLN	-NPLN1207
27	KFXA-DT	CEDAR RAPIDS IA	59.4	PLN	DTVPLN	-DTVP0671
27	WQEC	QUINCY IL	198.5	PLN	DTVPLN	-NPLN1301
28	KFXA	CEDAR RAPIDS IA	59.4	PLN	DTVPLN	-NPLN1330
34	NEW	AMES IA	172.3	PLN	DTVPLN	-NPLN1473
34	KQCT-DT	DAVENPORT IA	82.6	PLN	DTVPLN	-DTVP0934
35	KRIN-DT	WATERLOO IA	68.0	PLN	DTVPLN	-DTVP0974
35	WWTOTV	LASALLE IL	221.8	PLN	DTVPLN	-NPLN1495

Results for: 20N IA IOWA CITY DTVPLN NPLN1076 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	391453	11698.5
not affected by terrain losses	389220	11564.5
lost to NTSC IX	17361	396.3
lost to additional IX by ATV	1810	129.2
lost to all IX	19171	525.5

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	KWKB	IOWA CITY IA	BLCDT	-20070130AJQ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KYIN	MASON CITY IA	219.6	LIC	BLET	-19860923KJ
24	WQPT-TV	MOLINE IL	92.2	LIC	BLET	-19980729KE



25	KTIN	FORT DODGE IA	279.3	LIC	BLEDT	-20070822ACB
25	KTIN-DT	FORT DODGE IA	279.3	PLN	DTVPLN	-DTVP0600
25	WEEK-TV	PEORIA IL	193.9	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	194.0	LIC	BLCT	-20030523AFG
25	KNLJ	JEFFERSON CITY MO	341.5	APP	BSTA	-20080505ABG
25	KNLJ	JEFFERSON CITY MO	341.5	LIC	BLCT	-19860430KI
25	KNLJ	JEFFERSON CITY MO	341.5	APP	BSTA	-20080430ABQ
25	WLAX	LA CROSSE WI	231.1	LIC	BLCT	-20000314AAA
25	WCGV-DT	MILWAUKEE WI	321.0	PLN	DTVPLN	-DTVP0625
25	WCGV-TV	MILWAUKEE WI	321.3	CP MOD	BMPCDT	-20010920AAK
26	KGCW-TV	BURLINGTON IA	101.7	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	79.7	APP	BPCT	-20010515AAJ
26	KBTW-DT	DES MOINES IA	188.3	PLN	DTVPLN	-DTVP0634
26	WKOW-DT	MADISON WI	210.1	PLN	DTVPLN	-DTVP0659
24	K54AF	KEOSAUQUA IA	122.2	APP	USERRECORD-01	

Total scenarios = 12

Result key: 3  
 Scenario 1 Affected station 28 KWKB  
 Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	10	6.9
lost to ATV IX only	1074	49.0
lost to all IX	22812	424.3

Potential Interfering Stations Included in above Scenario 1

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN

After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	1775	294.9
lost to ATV IX only	2891	350.8
lost to all IX	24577	712.4

Potential Interfering Stations Included in above Scenario 1

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 4  
Scenario 2 Affected station 28 KWKB  
Before Analysis

Results for: 25A IA IOWA CITY BLCDT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	588	26.5
lost to ATV IX only	6643	124.4
lost to all IX	23390	443.9

Potential Interfering Stations Included in above Scenario 2

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP

After Analysis

Results for: 25A IA IOWA CITY BLCDT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	2353	314.5
lost to ATV IX only	8460	426.3
lost to all IX	25155	732.0

Potential Interfering Stations Included in above Scenario 2

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 5  
Scenario 3 Affected station 28 KWKB  
Before Analysis

Results for: 25A IA IOWA CITY BLCDT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	2	3.9
lost to ATV IX only	1066	44.1
lost to all IX	22804	421.4

Potential Interfering Stations Included in above Scenario 3

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC

25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN

#### After Analysis

Results for: 25A IA IOWA CITY                      BLCDT              20070130AJQ    LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	1767	292.0
lost to ATV IX only	2883	345.9
lost to all IX	24569	709.4

Potential Interfering Stations Included in above Scenario              3

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX =        0.4547%

Result key:                      6  
 Scenario                      4    Affected station                      28    KWKB  
 Before Analysis

Results for: 25A IA IOWA CITY                      BLCDT              20070130AJQ    LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	580	23.5
lost to ATV IX only	6635	119.5
lost to all IX	23382	441.0

Potential Interfering Stations Included in above Scenario              4

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP

#### After Analysis

Results for: 25A IA IOWA CITY                      BLCDT              20070130AJQ    LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	2345	311.6
lost to ATV IX only	8452	421.4
lost to all IX	25147	729.0

Potential Interfering Stations Included in above Scenario              4

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 7  
 Scenario 5 Affected station 28 KWKB  
 Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	10	6.9
lost to ATV IX only	1074	49.0
lost to all IX	22812	424.3

Potential Interfering Stations Included in above Scenario 5

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLED T	20070822ACB	LIC
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN

After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	1775	294.9
lost to ATV IX only	2891	350.8
lost to all IX	24577	712.4

Potential Interfering Stations Included in above Scenario 5

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLED T	20070822ACB	LIC
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 8  
 Scenario 6 Affected station 28 KWKB  
 Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6

not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	588	26.5
lost to ATV IX only	6643	124.4
lost to all IX	23390	443.9

Potential Interfering Stations Included in above Scenario 6

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP

After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	2353	314.5
lost to ATV IX only	8460	426.3
lost to all IX	25155	732.0

Potential Interfering Stations Included in above Scenario 6

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 9  
Scenario 7 Affected station 28 KWKB  
Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	2	3.9
lost to ATV IX only	1066	44.1
lost to all IX	22804	421.4

Potential Interfering Stations Included in above Scenario 7

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN

After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC

HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	1767	292.0
lost to ATV IX only	2883	345.9
lost to all IX	24569	709.4

Potential Interfering Stations Included in above Scenario 7

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 10  
Scenario 8 Affected station 28 KWKB  
Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	580	23.5
lost to ATV IX only	6635	119.5
lost to all IX	23382	441.0

Potential Interfering Stations Included in above Scenario 8

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP

After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	22802	417.4
lost to additional IX by ATV	2345	311.6
lost to ATV IX only	8452	421.4
lost to all IX	25147	729.0

Potential Interfering Stations Included in above Scenario 8

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BLCT	19871208KG	LIC
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 11  
Scenario 9 Affected station 28 KWKB  
Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	10	6.9
lost to ATV IX only	1074	49.0
lost to all IX	16593	509.5

Potential Interfering Stations Included in above Scenario 9

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN

After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	1775	294.9
lost to ATV IX only	2891	350.8
lost to all IX	18358	797.6

Potential Interfering Stations Included in above Scenario 9

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 12  
Scenario 10 Affected station 28 KWKB  
Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC  
HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	588	26.5
lost to ATV IX only	6643	124.4
lost to all IX	17171	529.1

Potential Interfering Stations Included in above Scenario 10

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP

#### After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC

HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	2353	314.5
lost to ATV IX only	8460	426.3
lost to all IX	18936	817.2

Potential Interfering Stations Included in above Scenario 10

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	BLEDT	20070822ACB	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 13

Scenario 11 Affected station 28 KWKB

Before Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC

HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	2	3.9
lost to ATV IX only	1066	44.1
lost to all IX	16585	506.6

Potential Interfering Stations Included in above Scenario 11

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN

#### After Analysis

Results for: 25A IA IOWA CITY BLC DT 20070130AJQ LIC

HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	1767	292.0
lost to ATV IX only	2883	345.9
lost to all IX	18350	794.7



Potential Interfering Stations Included in above Scenario 11

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	DTVPLN	DTVP0625	PLN
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Result key: 14  
 Scenario 12 Affected station 28 KWKB  
 Before Analysis

Results for: 25A IA IOWA CITY BLCDT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	580	23.5
lost to ATV IX only	6635	119.5
lost to all IX	17163	526.2

Potential Interfering Stations Included in above Scenario 12

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP

After Analysis

Results for: 25A IA IOWA CITY BLCDT 20070130AJQ LIC  
 HAAT 419.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1007244	33734.6
not affected by terrain losses	996175	33410.3
lost to NTSC IX	16583	502.7
lost to additional IX by ATV	2345	311.6
lost to ATV IX only	8452	421.4
lost to all IX	18928	814.3

Potential Interfering Stations Included in above Scenario 12

24N IL MOLINE	BLET	19980729KE	LIC
25N IL PEORIA	BLCT	20030523AFG	LIC
25N MO JEFFERSON CITY	BLCT	19860430KI	LIC
25N WI LA CROSSE	BLCT	20000314AAA	LIC
26N IA BURLINGTON	BPCT	20010515AAJ	APP
25A IA FORT DODGE	DTVPLN	DTVP0600	PLN
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
24A IA KEOSAUQUA	USERRECORD01		APP

Percent new IX = 0.4547%

Worst case new IX 0.4547% Scenario 1

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## Analysis of Interference to Affected Station 29

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25DE	OTTUMWA IA	BPTT -20051209ABA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KRPG-LD	DES MOINES IA	121.1	CP	BDCCDTL -20061030AOH
24	K54AF	KEOSAUQUA IA	44.2	CP	BDISTT -20060320AAB
25	KTIN	FORT DODGE IA	268.7	LIC	BLEDT -20070822ACB
25	KTIN-DT	FORT DODGE IA	268.7	PLN	DTVPLN -DTVP0600
25	KWKB	IOWA CITY IA	123.4	LIC	BLCDT -20070130AJQ
25	KWKB-DT	IOWA CITY IA	116.7	PLN	DTVPLN -DTVP0601
25	NEW	SIOUX CITY IA	368.9	APP	BSFDTL -20060630DCR
25	WEEK-TV	PEORIA IL	241.0	APP	BSTA -20080619AGT
25	WEEK-TV	PEORIA IL	241.0	LIC	BLCT -20030523AFG
25	K25KG-D	TOPEKA KS	328.1	CP	BDCCDTL -20070510ACJ
25	KNLJ	JEFFERSON CITY MO	248.6	APP	BSTA -20080505ABG
25	KNLJ	JEFFERSON CITY MO	248.6	LIC	BLCT -19860430KI
25	KNLJ	JEFFERSON CITY MO	248.6	APP	BSTA -20080430ABQ
25	KCDN-LD	KANSAS CITY MO	278.9	CP	BDCCDTL -20070514AQA
25	KAZW-LD	SOUTH SIOUX CITY NE	376.4	CP	BDCCDTL -20070418ACW
25	WLAX	LA CROSSE WI	330.2	LIC	BLCT -20000314AAA
26	KGCW-TV	BURLINGTON IA	105.3	LIC	BLCT -19871208KG
27	KFXA-DT	CEDAR RAPIDS IA	131.4	PLN	DTVPLN -DTVP0671
27	KFXA	CEDAR RAPIDS IA	131.4	LIC	BLCDT -20050713ABD
29	KFPX	NEWTON IA	120.4	APP	BPRM -20040322AHK
29	KHQA-DT	HANNIBAL MO	138.7	PLN	DTVPLN -DTVP0748
32	WTJR-DT	QUINCY IL	138.9	PLN	DTVPLN -DTVP0863
33	KTVO-DT	KIRKSVILLE MO	44.7	PLN	DTVPLN -DTVP0907
39	KFPX	NEWTON IA	120.4	CP	BPCDT -20070501AEV
39	KFPX	NEWTON IA	120.4	LIC	BLCT -19980903KF
40	K40JW-D	MACON MO	131.6	CP	BDFCDTL -20070220ABY
24	K54AF	KEOSAUQUA IA	44.2	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 30

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25DE	OTTUMWA IA	BLTT -19890518II

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KRPG-LD	DES MOINES IA	117.9	CP	BDCCDTL -20061030AOH
24	K54AF	KEOSAUQUA IA	47.2	CP	BDISTT -20060320AAB
25	KTIN	FORT DODGE IA	265.0	LIC	BLEDT -20070822ACB
25	KTIN-DT	FORT DODGE IA	265.0	PLN	DTVPLN -DTVP0600
25	KWKB	IOWA CITY IA	121.4	LIC	BLCDT -20070130AJQ
25	KWKB-DT	IOWA CITY IA	114.3	PLN	DTVPLN -DTVP0601
25	NEW	SIOUX CITY IA	366.1	APP	BSFDTL -20060630DCR
25	WEEK-TV	PEORIA IL	242.6	APP	BSTA -20080619AGT
25	WEEK-TV	PEORIA IL	242.6	LIC	BLCT -20030523AFG
25	K25KG-D	TOPEKA KS	329.9	CP	BDCCDTL -20070510ACJ
25	KNLJ	JEFFERSON CITY MO	252.5	APP	BSTA -20080505ABG
25	KNLJ	JEFFERSON CITY MO	252.5	LIC	BLCT -19860430KI
25	KNLJ	JEFFERSON CITY MO	252.5	APP	BSTA -20080430ABQ
25	KCDN-LD	KANSAS CITY MO	281.1	CP	BDCCDTL -20070514AQA
25	KAZW-LD	SOUTH SIOUX CITY NE	373.6	CP	BDCCDTL -20070418ACW
25	WLAX	LA CROSSE WI	326.7	LIC	BLCT -20000314AAA

26	KGCW-TV	BURLINGTON IA	106.8	LIC	BLCT	-19871208KG
27	KFXA-DT	CEDAR RAPIDS IA	127.8	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	127.8	LIC	BLCDT	-20050713ABD
29	KFPX	NEWTON IA	116.6	APP	BPRM	-20040322AHK
29	KHQA-DT	HANNIBAL MO	142.3	PLN	DTVPLN	-DTVP0748
32	WTJR-DT	QUINCY IL	142.6	PLN	DTVPLN	-DTVP0863
33	KTVO-DT	KIRKSVILLE MO	48.4	PLN	DTVPLN	-DTVP0907
39	KFPX	NEWTON IA	116.6	CP	BPCDT	-20070501AEV
39	KFPX	NEWTON IA	116.6	LIC	BLCT	-19980903KF
40	K40JW-D	MACON MO	135.4	CP	BDFCDTL	-20070220ABY
24	K54AF	KEOSAUQUA IA	47.2	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 31

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
25	WEEKTV	PEORIA IL	DTVPLN	-NPLN1243

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WAND	DECATUR IL	96.7	PLN	DTVPLN	-NPLN0985
18	KLJBTV	DAVENPORT IA	103.8	PLN	DTVPLN	-NPLN1016
18	WAND-DT	DECATUR IL	96.7	PLN	DTVPLN	-DTVP0304
21	WMEC-DT	MACOMB IL	103.4	PLN	DTVPLN	-DTVP0436
22	WFHL-DT	DECATUR IL	95.0	PLN	DTVPLN	-DTVP0481
22	WMEC	MACOMB IL	103.4	PLN	DTVPLN	-NPLN1140
23	WFHL	DECATUR IL	95.0	PLN	DTVPLN	-NPLN1172
23	WQPT-DT	MOLINE IL	103.8	PLN	DTVPLN	-DTVP0523
24	WQPTTV	MOLINE IL	103.8	PLN	DTVPLN	-NPLN1207
25	KWKB-DT	IOWA CITY IA	207.5	PLN	DTVPLN	-DTVP0601
25	WEHT	EVANSVILLE IN	351.3	PLN	DTVPLN	-NPLN1244
25	WRTV-DT	INDIANAPOLIS IN	295.2	PLN	DTVPLN	-DTVP0602
25	KNLJ	JEFFERSON CITY MO	305.1	PLN	DTVPLN	-NPLN1250
25	WLAX	LA CROSSE WI	383.4	PLN	DTVPLN	-NPLN1261
25	WCGV-DT	MILWAUKEE WI	305.2	PLN	DTVPLN	-DTVP0625
26	KJMH	BURLINGTON IA	135.8	PLN	DTVPLN	-NPLN1274
26	WCCU-DT	URBANA IL	142.6	PLN	DTVPLN	-DTVP0636
28	WYZZ-DT	BLOOMINGTON IL	31.1	PLN	DTVPLN	-DTVP0708
33	WILL-DT	URBANA IL	99.3	PLN	DTVPLN	-DTVP0901
39	WAOE-DT	PEORIA IL	11.7	PLN	DTVPLN	-DTVP1088
39	WQRF-TV	ROCKFORD IL	187.3	PLN	DTVPLN	-NPLN1562
40	KFXB	DUBUQUE IA	228.1	PLN	DTVPLN	-NPLN1582
40	WHOI-DT	PEORIA IL	4.2	PLN	DTVPLN	-DTVP1122

Results for: 25N IL PEORIA DTVPLN NPLN1243 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	573992	15236.7
not affected by terrain losses	573938	15200.8
lost to NTSC IX	7020	837.9
lost to additional IX by ATV	357	49.8
lost to all IX	7377	887.6

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WEEK-TV	PEORIA IL	BSTA	-20080619AGT

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WAND	DECATUR IL	96.7	LIC	BLCT	-19790612KG
18	KLJB-TV	DAVENPORT IA	124.6	APP	BSTA	-20080512AAT
18	KLJB-TV	DAVENPORT IA	104.3	LIC	BLCT	-19991109AAA

18	WAND	DECATUR IL	96.7	LIC	BLCDT	-20020509AAX
18	WAND-DT	DECATUR IL	96.7	PLN	DTVPLN	-DTVP0304
21	WMEC	MACOMB IL	103.3	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	103.3	PLN	DTVPLN	-DTVP0436
22	WBUI	DECATUR IL	96.7	LIC	BLCDT	-20040521ADS
22	WFHL-DT	DECATUR IL	94.9	PLN	DTVPLN	-DTVP0481
22	WMEC	MACOMB IL	103.3	LIC	BLET	-19981106KF
23	WBUI	DECATUR IL	96.7	LIC	BLCT	-20010406ABK
23	WQPT-TV	MOLINE IL	103.1	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	103.9	PLN	DTVPLN	-DTVP0523
24	WQPT-TV	MOLINE IL	104.3	LIC	BLET	-19980729KE
25	KWKB	IOWA CITY IA	193.9	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	207.5	PLN	DTVPLN	-DTVP0601
25	WEHT	EVANSVILLE IN	351.3	LIC	BLCT	-2510
25	WRTV-DT	INDIANAPOLIS IN	295.3	PLN	DTVPLN	-DTVP0602
25	KNLJ	JEFFERSON CITY MO	305.0	APP	BSTA	-20080505ABG
25	KNLJ	JEFFERSON CITY MO	305.0	LIC	BLCT	-19860430KI
25	KNLJ	JEFFERSON CITY MO	305.0	APP	BSTA	-20080430ABQ
25	WLAX	LA CROSSE WI	383.5	LIC	BLCT	-20000314AAA
25	WCGV-DT	MILWAUKEE WI	305.2	PLN	DTVPLN	-DTVP0625
25	WCGV-TV	MILWAUKEE WI	306.0	CP MOD	BMPCDT	-20010920AAK
26	KGCW-TV	BURLINGTON IA	135.8	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	119.9	APP	BPCT	-20010515AAJ
26	WCCU	URBANA IL	142.4	LIC	BLCDT	-20050317ADS
26	WCCU-DT	URBANA IL	142.7	PLN	DTVPLN	-DTVP0636
28	WYZZ-TV	BLOOMINGTON IL	31.2	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	31.2	PLN	DTVPLN	-DTVP0708
33	WILL-DT	URBANA IL	99.3	PLN	DTVPLN	-DTVP0901
39	WAOE-DT	PEORIA IL	11.8	PLN	DTVPLN	-DTVP1088
39	WQRF-TV	ROCKFORD IL	187.4	LIC	BLCT	-19960402KE
40	KFXB	DUBUQUE IA	228.2	CP	BPCT	-20050830AAO
40	WHOI-DT	PEORIA IL	4.2	PLN	DTVPLN	-DTVP1122
24	K54AF	KEOSAUQUA IA	201.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 32

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WEEK-TV	PEORIA IL	BLCT -20030523AFG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WAND	DECATUR IL	96.7	LIC	BLCT -19790612KG
18	KLJB-TV	DAVENPORT IA	124.6	APP	BSTA -20080512AAT
18	KLJB-TV	DAVENPORT IA	104.4	LIC	BLCT -19991109AAA
18	WAND	DECATUR IL	96.7	LIC	BLCDT -20020509AAX
18	WAND-DT	DECATUR IL	96.7	PLN	DTVPLN -DTVP0304
21	WMEC	MACOMB IL	103.3	LIC	BLEDT -20031031ADO
21	WMEC-DT	MACOMB IL	103.3	PLN	DTVPLN -DTVP0436
22	WBUI	DECATUR IL	96.7	LIC	BLCDT -20040521ADS
22	WFHL-DT	DECATUR IL	94.9	PLN	DTVPLN -DTVP0481
22	WMEC	MACOMB IL	103.3	LIC	BLET -19981106KF
23	WBUI	DECATUR IL	96.7	LIC	BLCT -20010406ABK
23	WQPT-TV	MOLINE IL	103.1	LIC	BLEDT -20030702AAR
23	WQPT-DT	MOLINE IL	103.9	PLN	DTVPLN -DTVP0523
24	WQPT-TV	MOLINE IL	104.4	LIC	BLET -19980729KE
25	KWKB	IOWA CITY IA	194.0	LIC	BLCDT -20070130AJQ
25	KWKB-DT	IOWA CITY IA	207.5	PLN	DTVPLN -DTVP0601
25	WEHT	EVANSVILLE IN	351.3	LIC	BLCT -2510
25	WRTV-DT	INDIANAPOLIS IN	295.2	PLN	DTVPLN -DTVP0602

25	KNLJ	JEFFERSON CITY MO	305.0	APP	BSTA	-20080505ABG
25	KNLJ	JEFFERSON CITY MO	305.0	LIC	BLCT	-19860430KI
25	KNLJ	JEFFERSON CITY MO	305.0	APP	BSTA	-20080430ABQ
25	WLAX	LA CROSSE WI	383.5	LIC	BLCT	-20000314AAA
25	WCGV-DT	MILWAUKEE WI	305.3	PLN	DTVPLN	-DTVP0625
25	WCGV-TV	MILWAUKEE WI	306.0	CP MOD	BMPCDT	-20010920AAK
26	KGCW-TV	BURLINGTON IA	135.8	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	120.0	APP	BPCT	-20010515AAJ
26	WCCU	URBANA IL	142.3	LIC	BLCDT	-20050317ADS
26	WCCU-DT	URBANA IL	142.6	PLN	DTVPLN	-DTVP0636
28	WYZZ-TV	BLOOMINGTON IL	31.1	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	31.1	PLN	DTVPLN	-DTVP0708
33	WILL-DT	URBANA IL	99.3	PLN	DTVPLN	-DTVP0901
39	WAOE-DT	PEORIA IL	11.8	PLN	DTVPLN	-DTVP1088
39	WQRF-TV	ROCKFORD IL	187.4	LIC	BLCT	-19960402KE
40	KFXB	DUBUQUE IA	228.2	CP	BPCT	-20050830AAO
40	WHOI-DT	PEORIA IL	4.3	PLN	DTVPLN	-DTVP1122
24	K54AF	KEOSAUQUA IA	201.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 33

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	W25DK	QUINCY IL	BNPTTL	-20000831AVU

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WMEC	MACOMB IL	69.3	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	69.3	PLN	DTVPLN	-DTVP0436
24	K54AF	KEOSAUQUA IA	97.8	CP	BDISTT	-20060320AAB
24	NEW	QUINCY IL	4.6	APP	BNPTTL	-20000825AJV
24	NEW	QUINCY IL	4.6	APP	BNPTTL	-20000831BNQ
24	NEW	QUINCY IL	0.1	APP	BNPTTL	-20000802ADY
25	KWKB	IOWA CITY IA	194.8	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	199.1	PLN	DTVPLN	-DTVP0601
25	WEEK-TV	PEORIA IL	167.6	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	167.6	LIC	BLCT	-20030523AFG
25	K25KG-D	TOPEKA KS	351.2	CP	BDCCDTL	-20070510ACJ
25	KNLJ	JEFFERSON CITY MO	155.3	APP	BSTA	-20080505ABG
25	KNLJ	JEFFERSON CITY MO	155.3	LIC	BLCT	-19860430KI
25	KNLJ	JEFFERSON CITY MO	155.3	APP	BSTA	-20080430ABQ
25	KCDN-LD	KANSAS CITY MO	292.9	CP	BDCCDTL	-20070514AQA
26	KGCW-TV	BURLINGTON IA	96.0	LIC	BLCT	-19871208KG
29	KHQA-DT	HANNIBAL MO	0.3	PLN	DTVPLN	-DTVP0748
32	WTJR-DT	QUINCY IL	0.1	PLN	DTVPLN	-DTVP0863
33	KTVO-DT	KIRKSVILLE MO	113.0	PLN	DTVPLN	-DTVP0907
40	K40JW-D	MACON MO	107.5	CP	BDFCDTL	-20070220ABY
24	K54AF	KEOSAUQUA IA	97.8	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 34

##### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
26	KJMH	BURLINGTON IA	DTVPLN	-NPLN1274

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLJBTV	DAVENPORT IA	84.3	PLN	DTVPLN	-NPLN1016
19	WHOI	PEORIA IL	132.1	PLN	DTVPLN	-NPLN1042
23	WQPT-DT	MOLINE IL	84.3	PLN	DTVPLN	-DTVP0523
24	WQPTTV	MOLINE IL	84.3	PLN	DTVPLN	-NPLN1207
25	KWKB-DT	IOWA CITY IA	108.7	PLN	DTVPLN	-DTVP0601
25	WEEKTV	PEORIA IL	135.8	PLN	DTVPLN	-NPLN1243
26	KBTV-DT	DES MOINES IA	234.4	PLN	DTVPLN	-DTVP0634
26	WCIUTV	CHICAGO IL	314.9	PLN	DTVPLN	-NPLN1276
26	WCCU-DT	URBANA IL	278.3	PLN	DTVPLN	-DTVP0636
26	KPLR-DT	ST. LOUIS MO	264.9	PLN	DTVPLN	-DTVP0642
26	WKOW-DT	MADISON WI	281.3	PLN	DTVPLN	-DTVP0659
27	KFXA-DT	CEDAR RAPIDS IA	161.4	PLN	DTVPLN	-DTVP0671
27	WQEC	QUINCY IL	95.0	PLN	DTVPLN	-NPLN1301
29	KHQA-DT	HANNIBAL MO	96.0	PLN	DTVPLN	-DTVP0748
30	WMBD-DT	PEORIA IL	136.5	PLN	DTVPLN	-DTVP0785
33	KTVO-DT	KIRKSVILLE MO	114.5	PLN	DTVPLN	-DTVP0907
34	KQCT-DT	DAVENPORT IA	91.8	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	95.0	PLN	DTVPLN	-DTVP0937
40	KFXB	DUBUQUE IA	193.2	PLN	DTVPLN	-NPLN1582
40	WHOI-DT	PEORIA IL	132.1	PLN	DTVPLN	-DTVP1122
41	KJMH-DT	BURLINGTON IA	0.0	PLN	DTVPLN	-DTVP1157

Results for: 26N IA BURLINGTON			DTVPLN	NPLN1274	PLN
		POPULATION	AREA (sq km)		
	within Noise Limited Contour	90750	3852.9		
	not affected by terrain losses	90693	3842.0		
	lost to NTSC IX	0	0.0		
	lost to additional IX by ATV	718	50.7		
	lost to all IX	718	50.7		

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	KGCW-TV	BURLINGTON IA	BLCT	-19871208KG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLJB-TV	DAVENPORT IA	66.6	APP	BSTA	-20080512AAT
18	KLJB-TV	DAVENPORT IA	84.8	LIC	BLCT	-19991109AAA
19	WHOI	PEORIA IL	132.1	LIC	BLCT	-19880803KG
23	WQPT-TV	MOLINE IL	83.7	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	84.3	PLN	DTVPLN	-DTVP0523
24	WQPT-TV	MOLINE IL	84.8	LIC	BLET	-19980729KE
25	KWKB	IOWA CITY IA	101.7	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	108.7	PLN	DTVPLN	-DTVP0601
25	WEEK-TV	PEORIA IL	135.8	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	135.8	LIC	BLCT	-20030523AFG
26	KBTV-DT	DES MOINES IA	234.4	PLN	DTVPLN	-DTVP0634
26	WCIU-TV	CHICAGO IL	314.9	LIC	BLCT	-19990604KI
26	WCIU-TV	CHICAGO IL	315.0	APP	BSTA	-20081008AHE
26	WCCU	URBANA IL	278.0	LIC	BLCDT	-20050317ADS
26	WCCU-DT	URBANA IL	278.3	PLN	DTVPLN	-DTVP0636
26	KPLR-TV	ST. LOUIS MO	259.6	LIC	BLCDT	-20030812ABY
26	KPLR-DT	ST. LOUIS MO	264.9	PLN	DTVPLN	-DTVP0642
26	WKOW-DT	MADISON WI	281.3	PLN	DTVPLN	-DTVP0659
27	KFXA-DT	CEDAR RAPIDS IA	161.4	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	161.4	LIC	BLCDT	-20050713ABD
27	WQEC	QUINCY IL	95.1	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	95.1	LIC	BMLET	-20010509AAV
29	KHQA-DT	HANNIBAL MO	96.0	PLN	DTVPLN	-DTVP0748
30	960710LA	DAVENPORT IA	97.7	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	92.8	APP	BPCT	-19961001KU
30	960508KF	DAVENPORT IA	84.8	APP	BPET	-19960508KF
30	WMBD-TV	PEORIA IL	136.5	CP MOD	BMPCDT	-20060314ABP
30	WMBD-DT	PEORIA IL	136.5	PLN	DTVPLN	-DTVP0785

33	KTVO-DT	KIRKSVILLE MO	114.5	PLN	DTVPLN	-DTVP0907
34	KQCT-DT	DAVENPORT IA	91.8	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	95.0	PLN	DTVPLN	-DTVP0937
40	KFXB	DUBUQUE IA	193.3	CP	BPCT	-20050830AAO
40	WHOI-DT	PEORIA IL	132.1	PLN	DTVPLN	-DTVP1122
41	KJMH-DT	BURLINGTON IA	0.0	PLN	DTVPLN	-DTVP1157
41	KGCW-TV	BURLINGTON IA	44.4	CP MOD	BMPCDT	-20080619AJN
24	K54AF	KEOSAUQUA IA	68.4	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 35

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	KGCW-TV	BURLINGTON IA	BPCT	-20010515AAJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLJB-TV	DAVENPORT IA	22.9	APP	BSTA	-20080512AAT
18	KLJB-TV	DAVENPORT IA	41.7	LIC	BLCT	-19991109AAA
19	WHOI	PEORIA IL	115.8	LIC	BLCT	-19880803KG
23	WQPT-TV	MOLINE IL	40.9	LIC	BLEDT	-20030702AAR
23	WQPT-DT	MOLINE IL	41.4	PLN	DTVPLN	-DTVP0523
24	WQPT-TV	MOLINE IL	41.7	LIC	BLET	-19980729KE
25	KWKB	IOWA CITY IA	79.7	LIC	BLCDDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	91.3	PLN	DTVPLN	-DTVP0601
25	WEEK-TV	PEORIA IL	119.9	APP	BSTA	-20080619AGT
25	WEEK-TV	PEORIA IL	120.0	LIC	BLCT	-20030523AFG
26	KBTW-DT	DES MOINES IA	245.9	PLN	DTVPLN	-DTVP0634
26	WCIU-TV	CHICAGO IL	276.7	LIC	BLCT	-19990604KI
26	WCIU-TV	CHICAGO IL	276.7	APP	BSTA	-20081008AHE
26	WCCU	URBANA IL	260.2	LIC	BLCDDT	-20050317ADS
26	WCCU-DT	URBANA IL	260.5	PLN	DTVPLN	-DTVP0636
26	KPLR-TV	ST. LOUIS MO	287.8	LIC	BLCDDT	-20030812ABY
26	KPLR-DT	ST. LOUIS MO	292.9	PLN	DTVPLN	-DTVP0642
26	WKOW-DT	MADISON WI	237.9	PLN	DTVPLN	-DTVP0659
27	KFXA-DT	CEDAR RAPIDS IA	150.2	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	150.2	LIC	BLCDDT	-20050713ABD
27	WQEC	QUINCY IL	135.4	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	135.4	LIC	BMLET	-20010509AAV
29	KHQA-DT	HANNIBAL MO	136.6	PLN	DTVPLN	-DTVP0748
30	960710LA	DAVENPORT IA	53.5	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	48.3	APP	BPCT	-19961001KU
30	960508KF	DAVENPORT IA	41.7	APP	BPET	-19960508KF
30	WMBD-TV	PEORIA IL	120.3	CP MOD	BMPCDT	-20060314ABP
30	WMBD-DT	PEORIA IL	120.3	PLN	DTVPLN	-DTVP0785
34	KQCT-DT	DAVENPORT IA	48.2	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	135.3	PLN	DTVPLN	-DTVP0937
40	KFXB	DUBUQUE IA	154.6	CP	BPCT	-20050830AAO
40	WHOI-DT	PEORIA IL	115.8	PLN	DTVPLN	-DTVP1122
41	KJMH-DT	BURLINGTON IA	44.4	PLN	DTVPLN	-DTVP1157
41	KGCW-TV	BURLINGTON IA	0.0	CP MOD	BMPCDT	-20080619AJN
24	K54AF	KEOSAUQUA IA	105.8	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 36

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WHO-DT	DES MOINES IA	141.8	PLN	DTVPLN	-DTVP0349
20	KWKB	IOWA CITY IA	123.4	LIC	BLCT	-20010613AIG
24	K54AF	KEOSAUQUA IA	44.2	CP	BDISTT	-20060320AAB
25	KWKB	IOWA CITY IA	123.4	LIC	BLCDDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	116.7	PLN	DTVPLN	-DTVP0601
26	KGCW-TV	BURLINGTON IA	105.3	LIC	BLCT	-19871208KG
27	KFXA-DT	CEDAR RAPIDS IA	131.4	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	131.4	LIC	BLCDDT	-20050713ABD
27	K27JH-D	COUNCIL BLUFFS IA	291.4	CP	BDCCDTL	-20061030AOZ
27	KSIN-TV	SIOUX CITY IA	369.8	LIC	BMLET	-20021219AAC
27	WQEC	QUINCY IL	139.5	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	139.5	LIC	BMLET	-20010509AAV
27	WCCU	URBANA IL	383.0	LIC	BLCT	-20020226AAA
27	KSNT	TOPEKA KS	354.2	APP	BSTA	-20051006AAR
27	KSNT	TOPEKA KS	354.2	LIC	BMLCT	-20051103AAQ
27	KPTN-LD	ST. LOUIS MO	325.3	CP	BDCCDTL	-20061005AAZ
27	WKOW-TV	MADISON WI	333.5	LIC	BLCT	-20000306AAW
28	KFXA	CEDAR RAPIDS IA	131.4	LIC	BLCT	-20050718AFP
29	KFPX	NEWTON IA	120.4	APP	BPRM	-20040322AHK
29	KHQA-DT	HANNIBAL MO	138.7	PLN	DTVPLN	-DTVP0748
31	KCCI-DT	DES MOINES IA	142.2	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	142.2	LIC	BLCDDT	-20050628ABX
34	WQEC-DT	QUINCY IL	139.4	PLN	DTVPLN	-DTVP0937
41	KJMH-DT	BURLINGTON IA	105.3	PLN	DTVPLN	-DTVP1157
41	KGCW-TV	BURLINGTON IA	134.1	CP MOD	BMPCDT	-20080619AJN
42	K42HI	MUSCATINE IA	123.4	APP	BDFCDTT	-20060331AND
42	K42AM	OTTUMWA IA	13.4	LIC	BLTT	-19980803JD
24	K54AF	KEOSAUQUA IA	44.2	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 37

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	K27CV	OTTUMWA IA	BLTT	-19890518IK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WHO-DT	DES MOINES IA	138.3	PLN	DTVPLN	-DTVP0349
20	KWKB	IOWA CITY IA	121.4	LIC	BLCT	-20010613AIG
24	K54AF	KEOSAUQUA IA	47.2	CP	BDISTT	-20060320AAB
25	KWKB	IOWA CITY IA	121.4	LIC	BLCDDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	114.3	PLN	DTVPLN	-DTVP0601
26	KGCW-TV	BURLINGTON IA	106.8	LIC	BLCT	-19871208KG
27	KFXA-DT	CEDAR RAPIDS IA	127.8	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	127.8	LIC	BLCDDT	-20050713ABD
27	K27JH-D	COUNCIL BLUFFS IA	289.7	CP	BDCCDTL	-20061030AOZ
27	KSIN-TV	SIOUX CITY IA	367.0	LIC	BMLET	-20021219AAC
27	WQEC	QUINCY IL	143.1	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	143.1	LIC	BMLET	-20010509AAV
27	WCCU	URBANA IL	384.7	LIC	BLCT	-20020226AAA
27	KSNT	TOPEKA KS	355.4	APP	BSTA	-20051006AAR
27	KSNT	TOPEKA KS	355.4	LIC	BMLCT	-20051103AAQ
27	KPTN-LD	ST. LOUIS MO	329.2	CP	BDCCDTL	-20061005AAZ
27	WKOW-TV	MADISON WI	331.5	LIC	BLCT	-20000306AAW
28	KFXA	CEDAR RAPIDS IA	127.8	LIC	BLCT	-20050718AFP
29	KFPX	NEWTON IA	116.6	APP	BPRM	-20040322AHK
29	KHQA-DT	HANNIBAL MO	142.3	PLN	DTVPLN	-DTVP0748



31	KCCI-DT	DES MOINES IA	138.8	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	138.8	LIC	BLCDDT	-20050628ABX
34	WQEC-DT	QUINCY IL	143.0	PLN	DTVPLN	-DTVP0937
41	KJMH-DT	BURLINGTON IA	106.8	PLN	DTVPLN	-DTVP1157
41	KGCW-TV	BURLINGTON IA	134.5	CP MOD	BMPCDDT	-20080619AJN
42	K42HI	MUSCATINE IA	122.7	APP	BDFCDDT	-20060331AND
42	K42AM	OTTUMWA IA	9.8	LIC	BLTT	-19980803JD
24	K54AF	KEOSAUQUA IA	47.2	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 38

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	WQEC	QUINCY IL	DTVPLN	-NPLN1301

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KWKB	IOWA CITY IA	198.5	PLN	DTVPLN	-NPLN1076
20	WICS	SPRINGFIELD IL	158.8	PLN	DTVPLN	-NPLN1079
26	KJMH	BURLINGTON IA	95.0	PLN	DTVPLN	-NPLN1274
26	KPLR-DT	ST. LOUIS MO	183.0	PLN	DTVPLN	-DTVP0642
27	KFXA-DT	CEDAR RAPIDS IA	243.6	PLN	DTVPLN	-DTVP0671
27	WCIU-DT	CHICAGO IL	373.8	PLN	DTVPLN	-DTVP0672
27	WTCT	MARION IL	334.2	PLN	DTVPLN	-NPLN1300
27	WCCU	URBANA IL	290.9	PLN	DTVPLN	-NPLN1302
27	KSNT	TOPEKA KS	396.0	PLN	DTVPLN	-NPLN1303
27	KDEBTB	SPRINGFIELD MO	340.2	PLN	DTVPLN	-NPLN1308
27	WKOWTV	MADISON WI	372.5	PLN	DTVPLN	-NPLN1323
28	WYZZ-DT	BLOOMINGTON IL	195.1	PLN	DTVPLN	-DTVP0708
29	KHQA-DT	HANNIBAL MO	2.0	PLN	DTVPLN	-DTVP0748
34	WQEC-DT	QUINCY IL	0.0	PLN	DTVPLN	-DTVP0937
41	KJMH-DT	BURLINGTON IA	95.0	PLN	DTVPLN	-DTVP1157

Results for: 27N IL QUINCY	DTVPLN	NPLN1301	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	102678	4089.2	
not affected by terrain losses	102327	4070.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2638	168.9	
lost to all IX	2638	168.9	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WQEC	QUINCY IL	BSTA	-20071004ABW

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KWKB	IOWA CITY IA	194.2	LIC	BLCT	-20010613AIG
20	WICS	SPRINGFIELD IL	158.7	LIC	BLCT	-2187
26	KGCW-TV	BURLINGTON IA	95.1	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	135.4	APP	BPCT	-20010515AAJ
26	KPLR-TV	ST. LOUIS MO	177.6	LIC	BLCDDT	-20030812ABY
26	KPLR-DT	ST. LOUIS MO	182.9	PLN	DTVPLN	-DTVP0642
27	KFXA-DT	CEDAR RAPIDS IA	243.7	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	243.7	LIC	BLCDDT	-20050713ABD
27	WCIU-DT	CHICAGO IL	373.8	PLN	DTVPLN	-DTVP0672
27	WTCT	MARION IL	334.1	LIC	BLCT	-19881003KG
27	WCCU	URBANA IL	290.6	LIC	BLCT	-20020226AAA
27	KSNT	TOPEKA KS	396.0	APP	BSTA	-20051006AAR
27	KSNT	TOPEKA KS	396.0	LIC	BMLCT	-20051103AAQ
27	KSFX-TV	SPRINGFIELD MO	338.1	LIC	BLCT	-20050909AFT

27	WKOW-TV	MADISON WI	372.6	LIC	BLCT	-20000306AAW
28	WYZZ-TV	BLOOMINGTON IL	195.1	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	195.1	PLN	DTVPLN	-DTVP0708
29	KHQA-DT	HANNIBAL MO	2.0	PLN	DTVPLN	-DTVP0748
34	WQEC-DT	QUINCY IL	0.1	PLN	DTVPLN	-DTVP0937
41	KJMH-DT	BURLINGTON IA	95.1	PLN	DTVPLN	-DTVP1157
41	KGCW-TV	BURLINGTON IA	135.4	CP MOD	BMPCDT	-20080619AJN
41	NEW	ST. LOUIS MO	182.9	ADD	BPRM	-20000717AEM
24	K54AF	KEOSAUQUA IA	98.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 39

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WQEC	QUINCY IL	BMLET	-20010509AAV

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KWKB	IOWA CITY IA	194.2	LIC	BLCT	-20010613AIG
20	WICS	SPRINGFIELD IL	158.7	LIC	BLCT	-2187
26	KGCW-TV	BURLINGTON IA	95.1	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	135.4	APP	BPCT	-20010515AAJ
26	KPLR-TV	ST. LOUIS MO	177.6	LIC	BLCDT	-20030812ABY
26	KPLR-DT	ST. LOUIS MO	182.9	PLN	DTVPLN	-DTVP0642
27	KFXA-DT	CEDAR RAPIDS IA	243.7	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	243.7	LIC	BLCDT	-20050713ABD
27	WCIU-DT	CHICAGO IL	373.8	PLN	DTVPLN	-DTVP0672
27	WTCT	MARION IL	334.1	LIC	BLCT	-19881003KG
27	WCCU	URBANA IL	290.6	LIC	BLCT	-20020226AAA
27	KSNT	TOPEKA KS	396.0	APP	BSTA	-20051006AAR
27	KSNT	TOPEKA KS	396.0	LIC	BMLCT	-20051103AAQ
27	KSFX-TV	SPRINGFIELD MO	338.1	LIC	BLCT	-20050909AFT
27	WKOW-TV	MADISON WI	372.6	LIC	BLCT	-20000306AAW
28	WYZZ-TV	BLOOMINGTON IL	195.1	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	195.1	PLN	DTVPLN	-DTVP0708
29	KHQA-DT	HANNIBAL MO	2.0	PLN	DTVPLN	-DTVP0748
34	WQEC-DT	QUINCY IL	0.1	PLN	DTVPLN	-DTVP0937
41	KJMH-DT	BURLINGTON IA	95.1	PLN	DTVPLN	-DTVP1157
41	KGCW-TV	BURLINGTON IA	135.4	CP MOD	BMPCDT	-20080619AJN
41	NEW	ST. LOUIS MO	182.9	ADD	BPRM	-20000717AEM
24	K54AF	KEOSAUQUA IA	98.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 40

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	K28JD	FORT MADISON, ETC. IA	BLTT	-20061206ACW

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WMEC	MACOMB IL	64.7	LIC	BLEDT	-20031031ADO
21	WMEC-DT	MACOMB IL	64.7	PLN	DTVPLN	-DTVP0436

24	K54AF	KEOSAUQUA IA	43.7	CP	BDISTT	-20060320AAB
25	KWKB	IOWA CITY IA	121.6	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	125.3	PLN	DTVPLN	-DTVP0601
26	KGCW-TV	BURLINGTON IA	32.7	LIC	BLCT	-19871208KG
26	KGCW-TV	BURLINGTON IA	76.8	APP	BPCT	-20010515AAJ
27	WQEC	QUINCY IL	73.4	APP	BSTA	-20071004ABW
27	WQEC	QUINCY IL	73.4	LIC	BMLET	-20010509AAV
28	KFXA	CEDAR RAPIDS IA	171.0	LIC	BLCT	-20050718AFP
28	WYZZ-TV	BLOOMINGTON IL	190.1	CP MOD	BMPCDT	-20030805AHV
28	WYZZ-DT	BLOOMINGTON IL	190.1	PLN	DTVPLN	-DTVP0708
28	WCFC-LD	ROCKFORD IL	275.6	CP	BDCCDTL	-20061030ADD
29	K61HD	DAVENPORT IA	129.6	CP	BDISDTT	-20060328ACJ
29	KHQA-DT	HANNIBAL MO	73.8	PLN	DTVPLN	-DTVP0748
30	960710LA	DAVENPORT IA	129.5	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	125.0	APP	BPCT	-19961001KU
30	960508KF	DAVENPORT IA	117.5	APP	BPET	-19960508KF
32	WTJR-DT	QUINCY IL	73.9	PLN	DTVPLN	-DTVP0863
24	K54AF	KEOSAUQUA IA	43.7	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 41

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31ED	OTTUMWA IA	BLTTL	-20001218ABJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	K54AF	KEOSAUQUA IA	47.2	CP	BDISTT	-20060320AAB
27	KFXA-DT	CEDAR RAPIDS IA	127.8	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	127.8	LIC	BLCDT	-20050713ABD
29	KFPX	NEWTON IA	116.6	APP	BPRM	-20040322AHK
29	KHQA-DT	HANNIBAL MO	142.3	PLN	DTVPLN	-DTVP0748
31	KCCI-DT	DES MOINES IA	138.7	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	138.7	LIC	BLCDT	-20050628ABX
31	WMBD-TV	PEORIA IL	243.3	LIC	BLCT	-2378
31	K31JZ-D	JACKSON MN	362.7	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	393.2	CP MOD	BMPDTL	-20080512AFA
31	KCWE	KANSAS CITY MO	276.0	LIC	BLCDT	-20051014ABT
31	KCWB-DT	KANSAS CITY MO	290.4	PLN	DTVPLN	-DTVP0828
31	KDNL-DT	ST. LOUIS MO	318.4	PLN	DTVPLN	-DTVP0829
31	KDNL-TV	ST. LOUIS MO	318.4	LIC	BLCDT	-20021216AAE
31	WHLA-TV	LA CROSSE WI	326.9	LIC	BMLET	-20041013AAM
32	K32ID-D	DES MOINES IA	126.0	CP	BDCCDTL	-20061030AKM
33	KTVO-DT	KIRKSVILLE MO	48.4	PLN	DTVPLN	-DTVP0907
34	WQEC-DT	QUINCY IL	143.0	PLN	DTVPLN	-DTVP0937
39	KFPX	NEWTON IA	116.6	CP	BPCDT	-20070501AEV
45	KIIN-DT	IOWA CITY IA	121.8	PLN	DTVPLN	-DTVP1295
46	KRUB-LP	CEDAR RAPIDS IA	121.9	CP	BDCCDTL	-20061030AOD
24	K54AF	KEOSAUQUA IA	47.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 42

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K54AF	KEOSAUQUA IA	USERRECORD-01	

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	W40BC	CEDAR RAPIDS IA	134.5	APP	BPTTL	-20020509AAY
24	KRPG-LD	DES MOINES IA	165.1	CP	BDCCDTL	-20061030AOH
24	KYIN	MASON CITY IA	304.1	LIC	BLET	-19860923KJ
24	WQPT-TV	MOLINE IL	147.3	LIC	BLET	-19980729KE
24	NEW	QUINCY IL	101.5	APP	BNPTTL	-20000825AJV
24	NEW	QUINCY IL	101.5	APP	BNPTTL	-20000831BNQ
24	WHVI-LP	VALPARAISO IN	421.1	CP	BDFCDTL	-20060331AFL
24	K24HN-D	JACKSON MN	407.5	CP	BDCCDTL	-20061020ABL
24	KCTV-DT	KANSAS CITY MO	290.3	PLN	DTVPLN	-DTVP0573
24	KNLC	ST. LOUIS MO	287.8	LIC	BLCT	-20070227AAB
24	KMOV	ST. LOUIS MO	280.8	CP	BPCDT	-20080303ALL
24	K24GO-D	BLAIR NE	362.8	LIC	BLDTT	-20081125ANJ
25	KWKB	IOWA CITY IA	122.2	LIC	BLCDT	-20070130AJQ
25	KWKB-DT	IOWA CITY IA	120.6	PLN	DTVPLN	-DTVP0601

Total scenarios = 4

Result key: 15  
Scenario 1 Affected station 42 K54AF  
Before Analysis

Results for: 24A IA KEOSAUQUA USERRECORD01 APP  
HAAT 124.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	54503	5426.1
not affected by terrain losses	54503	5426.1
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

Result key: 16  
Scenario 2 Affected station 42 K54AF  
Before Analysis

Results for: 24A IA KEOSAUQUA USERRECORD01 APP  
HAAT 124.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	54503	5426.1
not affected by terrain losses	54503	5426.1
lost to NTSC IX	21	2.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	21	2.0

Potential Interfering Stations Included in above Scenario 2

24N IL QUINCY	BNPTTL	20000825AJV	APP
24N IL QUINCY	BNPTTL	20000831BNQ	APP

Result key: 17  
Scenario 3 Affected station 42 K54AF  
Before Analysis

Results for: 24A IA KEOSAUQUA USERRECORD01 APP  
HAAT 124.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	54503	5426.1
not affected by terrain losses	54503	5426.1
lost to NTSC IX	21	1.0

lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	21	1.0

Potential Interfering Stations Included in above Scenario 3

24N IL QUINCY BNPTTL 20000825AJV APP

Result key: 18  
 Scenario 4 Affected station 42 K54AF  
 Before Analysis

Results for: 24A IA KEOSAUQUA USERRECORD01 APP

HAAT 124.0 m, ATV ERP 15.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	54503	5426.1
not affected by terrain losses	54503	5426.1
lost to NTSC IX	21	2.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	21	2.0

Potential Interfering Stations Included in above Scenario 4

24N IL QUINCY BNPTTL 20000831BNQ APP

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