

Percent allowed new interference: 0.500
Percent allowed new interference to Class A: 0.500
TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-10-2008 Time: 19:16:31

Record Selected for Analysis

KQIN USERRECORD-01 DAVENPORT IA US
Channel 34 ERP 368. kW HAAT 233. m RCAMSL 00458 m
Latitude 041-18-44 Longitude 0090-22-46
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000080421 Beam tilt N Ref Azimuth 345.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	307.762	244.6	79.8
45.0	357.043	232.5	79.7
90.0	150.027	230.0	74.9
135.0	14.282	233.8	63.2
180.0	15.465	229.7	63.3
225.0	92.737	237.6	73.0
270.0	306.082	223.3	78.2
315.0	327.938	233.0	79.3

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KQIN 34 DAVENPORT IA USERRECORD01

and station

SHORT TO: KWKB 20 IOWA CITY IA BLCT 20010613AIG
041-43-29 0091-21-10
Req. separation => 24.1 <= 96.6 Actual separation 93.3 Short 3.3(69.2) km

SHORT TO: KGCW-TV 26 BURLINGTON IA BPCT 20010515AAJ
041-08- 8 0090-48-30
Req. separation => 24.1 <= 80.5 Actual separation 41.0 Short 39.5(16.9) km

SHORT TO: KGCW-TV 26 BURLINGTON IA BLCT 19871208KG
040-49-25 0091-08-22
Req. separation => 24.1 <= 96.6 Actual separation 83.8 Short 12.8(59.7) km

SHORT TO: 960710LA 30 DAVENPORT IA BPET 19960710LA
041-32-49 0090-28-35
Req. separation => 24.1 <= 96.6 Actual separation 27.3 Short 69.3(3.2) km

SHORT TO: KQIN 34 DAVENPORT IA BMPEDT 20070809AAX
041-18-44 0090-22-46
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: KQIN 34 DAVENPORT IA DTVPLN DTVP1249
41 -28-29 90 -26-45
Req. separation 223.7 Actual separation 18.9 Short 204.8 km

SHORT TO: WQEC 34 QUINCY IL BLEDT 20040715ADL
039-58-41 0091-18-32
Req. separation 196.3 Actual separation 167.7 Short 28.6 km

SHORT TO: WQEC 34 QUINCY IL DTVPLN DTVP1252
39 -58-41 91 -18-32
Req. separation 223.7 Actual separation 167.7 Short 56.0 km

SHORT TO: KQIN 36 DAVENPORT IA BLET 19911230KE
041-31-58 0090-34-40
Req. separation => 24.1 <= 96.6 Actual separation 29.6 Short 67.0(5.5) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
34	KQIN	DAVENPORT IA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KTVO	KIRKSVILLE MO	193.8	LIC	BLCDDT	-20030604AAC
33	KTVO	KIRKSVILLE MO	193.8	PLN	DTVPLN	-DTVP1219
34	KEFB	AMES IA	288.8	PLN	DTVPLN	-DTVP1248
34	WEDE-CA	ARLINGTON HEIGHTS IL	236.6	LIC	BLTTA	-20050308AAS
34	WQEC	QUINCY IL	167.7	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	167.7	PLN	DTVPLN	-DTVP1252
34	WISN-TV	MILWAUKEE WI	284.1	LIC	BLCDDT	-20050412ADP
34	WISN-TV	MILWAUKEE WI	284.1	PLN	DTVPLN	-DTVP1278
35	KRIN	WATERLOO IA	165.7	LIC	BLEDT	-20050218ABQ
35	KRIN	WATERLOO IA	165.7	PLN	DTVPLN	-DTVP1290

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	KTVO	KIRKSVILLE MO	BLCDDT	-20030604AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTJR	QUINCY IL	113.0	CP MOD	BMPCDDT	-20080522ABM
32	WTJR	QUINCY IL	113.0	PLN	DTVPLN	-DTVP1180
33	KBIN-TV	COUNCIL BLUFFS IA	296.3	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	296.3	PLN	DTVPLN	-DTVP1217
34	KEFB	AMES IA	194.3	PLN	DTVPLN	-DTVP1248
34	KQIN	DAVENPORT IA	197.6	PLN	DTVPLN	-DTVP1249
34	WQEC	QUINCY IL	114.0	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	114.0	PLN	DTVPLN	-DTVP1252
34	KQIN	DAVENPORT IA	193.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	KTVO	KIRKSVILLE MO	DTVPLN	-DTVP1219

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTJR	QUINCY IL	113.0	CP MOD	BMPCDDT	-20080522ABM
32	WTJR	QUINCY IL	113.0	PLN	DTVPLN	-DTVP1180
33	KBIN-TV	COUNCIL BLUFFS IA	296.3	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	296.3	PLN	DTVPLN	-DTVP1217
34	KEFB	AMES IA	194.3	PLN	DTVPLN	-DTVP1248
34	KQIN	DAVENPORT IA	197.6	PLN	DTVPLN	-DTVP1249
34	WQEC	QUINCY IL	114.0	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	114.0	PLN	DTVPLN	-DTVP1252
34	KQIN	DAVENPORT IA	193.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	KEFB	AMES IA	DTVPLN -DTVP1248

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KBIN-TV	COUNCIL BLUFFS IA	191.9	LIC	BLEDT -20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	191.9	PLN	DTVPLN -DTVP1217
33	KTVO	KIRKSVILLE MO	194.3	LIC	BLCDT -20030604AAC
33	KTVO	KIRKSVILLE MO	194.3	PLN	DTVPLN -DTVP1219
34	KQIN	DAVENPORT IA	278.9	PLN	DTVPLN -DTVP1249
34	WQEC	QUINCY IL	301.9	LIC	BLEDT -20040715ADL
34	WQEC	QUINCY IL	301.9	PLN	DTVPLN -DTVP1252
34	KTCA-TV	SAINT PAUL MN	345.7	LIC	BLEDT -20060802AAO
34	KTCA-TV	ST. PAUL MN	345.7	PLN	DTVPLN -DTVP1256
34	WDAF-TV	KANSAS CITY MO	331.2	CP MOD	BMPCDT -20080122AOU
34	WDAF-TV	KANSAS CITY MO	331.2	PLN	DTVPLN -DTVP1257
34	KSNB-TV	SUPERIOR NE	408.7	CP	BPCDT -19991004ABO
34	KSNB-TV	SUPERIOR NE	408.7	PLN	DTVPLN -DTVP1261
34	KSNB-TV	SUPERIOR NE	408.7	APP	BMPCDT -20080317ACS
34	KUSD-TV	VERMILLION SD	276.3	LIC	BLEDT -20060908AAD
34	KUSD-TV	VERMILLION SD	276.3	PLN	DTVPLN -DTVP1272
35	KHIN	RED OAK IA	144.4	LIC	BLEDT -20051116AED
35	KHIN	RED OAK IA	144.4	PLN	DTVPLN -DTVP1289
35	KRIN	WATERLOO IA	159.5	LIC	BLEDT -20050218ABQ
35	KRIN	WATERLOO IA	159.5	PLN	DTVPLN -DTVP1290
34	KQIN	DAVENPORT IA	288.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 34A IA AMES DTVPLN DTVP1248 PLN
HAAT 150.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	599401	12663.3
not affected by terrain losses	598824	12619.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43	8.0
lost to ATV IX only	43	8.0
lost to all IX	43	8.0

Potential Interfering Stations Included in above Scenario 1

34A MO KANSAS CITY BMPCDT 20080122AOU CP

After Analysis

Results for: 34A IA AMES DTVPLN DTVP1248 PLN
HAAT 150.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	599401	12663.3
not affected by terrain losses	598824	12619.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1245	28.1
lost to ATV IX only	1245	28.1
lost to all IX	1245	28.1

Potential Interfering Stations Included in above Scenario 1

34A MO KANSAS CITY BMPCDT 20080122AOU CP
34A IA DAVENPORT USERRECORD01 APP

Percent new IX = 0.2007%

Result key: 2
Scenario 2 Affected station 3
Before Analysis

Results for: 34A IA AMES DTVPLN DTVP1248 PLN
HAAT 150.0 m, ATV ERP 50.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 599401 12663.3
not affected by terrain losses 598824 12619.3
lost to NTSC IX 0 0.0
lost to additional IX by ATV 43 8.0
lost to ATV IX only 43 8.0
lost to all IX 43 8.0

Potential Interfering Stations Included in above Scenario 2

34A MO KANSAS CITY DTVPLN DTVP1257 PLN

After Analysis

Results for: 34A IA AMES DTVPLN DTVP1248 PLN
HAAT 150.0 m, ATV ERP 50.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 599401 12663.3
not affected by terrain losses 598824 12619.3
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1245 28.1
lost to ATV IX only 1245 28.1
lost to all IX 1245 28.1

Potential Interfering Stations Included in above Scenario 2

34A MO KANSAS CITY DTVPLN DTVP1257 PLN
34A IA DAVENPORT USERRECORD01 APP

Percent new IX = 0.2007%

Worst case new IX 0.2007% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCIU-TV	CHICAGO IL	0.0	CP MOD	BMPCDT -20021202ABR
27	WCIU-TV	CHICAGO IL	0.0	PLN	DTVPLN -DTVP0998
31	WFLD	CHICAGO IL	0.0	LIC	BLCDT -20050606ABF
31	WFLD	CHICAGO IL	0.0	PLN	DTVPLN -DTVP1142
34	KQIN	DAVENPORT IA	236.6	CP MOD	BMPEDT -20070809AAX
34	KQIN	DAVENPORT IA	237.5	PLN	DTVPLN -DTVP1249
34	W34DL	CHAMPAIGN IL	196.0	LIC	BLTT -20050921AHY
34	WQEC	QUINCY IL	373.8	LIC	BLEDT -20040715ADL
34	WQEC	QUINCY IL	373.8	PLN	DTVPLN -DTVP1252
34	WNIT	SOUTH BEND IN	123.0	LIC	BLET -19910307KE
34	WNIT	SOUTH BEND IN	123.0	APP	BSTA -20080307ACN
34	WHTV	JACKSON MI	282.7	CP MOD	BMPCDT -20070125ACI
34	WHTV	JACKSON MI	263.4	PLN	DTVPLN -DTVP1255

34	WISN-TV	MILWAUKEE WI	139.1	LIC	BLCDDT	-20050412ADP
34	WISN-TV	MILWAUKEE WI	139.1	PLN	DTVPLN	-DTVP1278
35	WWTO-TV	LA SALLE IL	126.9	LIC	BLCT	-19861212LH
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-20040106ABJ
35	WNIT	SOUTH BEND IN	123.6	PLN	DTVPLN	-DTVP1291
36	WJYS	HAMMOND IN	0.0	LIC	BLCDDT	-20020801ABI
36	WJYS	HAMMOND IN	0.0	PLN	DTVPLN	-DTVP1326
38	WGBO-TV	JOLIET IL	2.5	CP	BPCDDT	-20080314AEF
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN	-DTVP1364
42	WQRF-TV	ROCKFORD IL	134.5	CP MOD	BMPCDDT	-20070207ABW
42	WQRF-TV	ROCKFORD IL	134.1	PLN	DTVPLN	-DTVP1499
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.9	PLN	DTVPLN	-DTVP1502
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	126.4	PLN	DTVPLN	-DTVP1708
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDDT	-20070921ACR
48	WJJA	RACINE WI	136.1	PLN	DTVPLN	-DTVP1726
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDDT	-20070823AED
49	WAAA-LP	WESTVILLE IN	64.5	LIC	BLTTL	-20070621AAG
49	WBME-TV	RACINE WI	139.1	APP	BPCT	-20070921ACJ
49	WBME-TV	RACINE WI	109.9	LIC	BMLCT	-20070823AEF
49	WBME-TV	RACINE WI	139.1	APP	BSTA	-20071025AAQ
34	KQIN	DAVENPORT IA	236.6	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.
34	WQEC	QUINCY IL	BLEDT	-20040715ADL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KTVO	KIRKSVILLE MO	114.0	LIC	BLCDDT	-20030604AAC
33	KTVO	KIRKSVILLE MO	114.0	PLN	DTVPLN	-DTVP1219
34	KEFB	AMES IA	301.9	PLN	DTVPLN	-DTVP1248
34	KQIN	DAVENPORT IA	181.5	PLN	DTVPLN	-DTVP1249
34	WSIL-TV	HARRISBURG IL	337.0	APP	BMPCDDT	-20080317AEU
34	WSIL-TV	HARRISBURG IL	337.0	PLN	DTVPLN	-DTVP1251
34	WSIL-TV	HARRISBURG IL	337.0	CP	BPCDDT	-19991019ABM
34	WDAF-TV	KANSAS CITY MO	299.2	CP MOD	BMPCDDT	-20080122AOU
34	WDAF-TV	KANSAS CITY MO	299.2	PLN	DTVPLN	-DTVP1257
35	KSDK	ST. LOUIS MO	177.8	LIC	BLCDDT	-19991202ABM
35	KSDK	ST. LOUIS MO	177.8	PLN	DTVPLN	-DTVP1298
34	KQIN	DAVENPORT IA	167.7	APP	USERRECORD-01	

Total scenarios = 6

Result key: 3
Scenario 1 Affected station 5
Before Analysis

Results for: 34A IL QUINCY	BLEDT	20040715ADL	LIC
HAAT 153.0 m, ATV ERP 58.6 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	187578	13194.1	
not affected by terrain losses	187174	13121.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	65	52.5	
lost to ATV IX only	65	52.5	
lost to all IX	65	52.5	

Potential Interfering Stations Included in above Scenario 1

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP

After Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 1

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 4
Scenario 2 Affected station 5
Before Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 2

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN

After Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 2

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 5
Scenario 3 Affected station 5
Before Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 3

34A IL HARRISBURG BPCDT 19991019ABM CP
 34A MO KANSAS CITY BMPCDT 20080122AOU CP

After Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 3

34A IL HARRISBURG BPCDT 19991019ABM CP
 34A MO KANSAS CITY BMPCDT 20080122AOU CP
 34A IA DAVENPORT USERRECORD01 APP

Percent new IX = 0.1967%

Result key: 6
 Scenario 4 Affected station 5
 Before Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 4

34A IL HARRISBURG BPCDT 19991019ABM CP
 34A MO KANSAS CITY DTVPLN DTVPLN1257 PLN

After Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 4

34A IL HARRISBURG	BPCDT	19991019ABM	CP
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 7
Scenario 5 Affected station 5
Before Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 5

34A IL HARRISBURG	BMPCDT	20080317AEU	APP
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP

After Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 5

34A IL HARRISBURG	BMPCDT	20080317AEU	APP
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 8
Scenario 6 Affected station 5
Before Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 6

34A IL HARRISBURG	BMPCDT	20080317AEU	APP
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN

After Analysis

Results for: 34A IL QUINCY BLEDT 20040715ADL LIC
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 6

34A IL HARRISBURG	BMPCDT	20080317AEU	APP
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Worst case new IX 0.1967% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WQEC	QUINCY IL	DTVPLN	-DTVP1252

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KTVO	KIRKSVILLE MO	114.0	LIC	BLCDDT	-20030604AAC
33	KTVO	KIRKSVILLE MO	114.0	PLN	DTVPLN	-DTVP1219
34	KEFB	AMES IA	301.9	PLN	DTVPLN	-DTVP1248
34	KQIN	DAVENPORT IA	181.5	PLN	DTVPLN	-DTVP1249
34	WSIL-TV	HARRISBURG IL	337.0	APP	BMPCDT	-20080317AEU
34	WSIL-TV	HARRISBURG IL	337.0	PLN	DTVPLN	-DTVP1251
34	WSIL-TV	HARRISBURG IL	337.0	CP	BPCDDT	-19991019ABM
34	WDAF-TV	KANSAS CITY MO	299.2	CP MOD	BMPCDT	-20080122AOU
34	WDAF-TV	KANSAS CITY MO	299.2	PLN	DTVPLN	-DTVP1257
35	KSDK	ST. LOUIS MO	177.8	LIC	BLCDDT	-19991202ABM
35	KSDK	ST. LOUIS MO	177.8	PLN	DTVPLN	-DTVP1298
34	KQIN	DAVENPORT IA	167.7	APP	USERRECORD-01	

Total scenarios = 6

Result key: 9

Scenario 1 Affected station 6

Before Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN

HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 1

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP

After Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 1

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 10
 Scenario 2 Affected station 6
 Before Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 2

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN

After Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 2

34A IL HARRISBURG	DTVPLN	DTVP1251	PLN
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 11
 Scenario 3 Affected station 6
 Before Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
 HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5

lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 3

34A IL HARRISBURG	BPCDT	19991019ABM	CP
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP

After Analysis

Results for: 34A IL QUINCY	DTVPLN	DTVP1252	PLN
HAAT 153.0 m, ATV ERP 58.6 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	187578	13194.1	
not affected by terrain losses	187174	13121.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	433	76.7	
lost to ATV IX only	433	76.7	
lost to all IX	433	76.7	

Potential Interfering Stations Included in above Scenario 3

34A IL HARRISBURG	BPCDT	19991019ABM	CP
34A MO KANSAS CITY	BMPCDT	20080122AOU	CP
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 12
 Scenario 4 Affected station 6
 Before Analysis

Results for: 34A IL QUINCY	DTVPLN	DTVP1252	PLN
HAAT 153.0 m, ATV ERP 58.6 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	187578	13194.1	
not affected by terrain losses	187174	13121.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	65	52.5	
lost to ATV IX only	65	52.5	
lost to all IX	65	52.5	

Potential Interfering Stations Included in above Scenario 4

34A IL HARRISBURG	BPCDT	19991019ABM	CP
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN

After Analysis

Results for: 34A IL QUINCY	DTVPLN	DTVP1252	PLN
HAAT 153.0 m, ATV ERP 58.6 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	187578	13194.1	
not affected by terrain losses	187174	13121.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	433	76.7	
lost to ATV IX only	433	76.7	
lost to all IX	433	76.7	

Potential Interfering Stations Included in above Scenario 4

34A IL HARRISBURG	BPCDT	19991019ABM	CP
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Result key: 13

Scenario 5 Affected station 6
Before Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 5

34A IL HARRISBURG BMPCDT 20080317AEU APP
34A MO KANSAS CITY BMPCDT 20080122AOU CP

After Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 5

34A IL HARRISBURG BMPCDT 20080317AEU APP
34A MO KANSAS CITY BMPCDT 20080122AOU CP
34A IA DAVENPORT USERRECORD01 APP

Percent new IX = 0.1967%

Result key: 14

Scenario 6 Affected station 6
Before Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65	52.5
lost to ATV IX only	65	52.5
lost to all IX	65	52.5

Potential Interfering Stations Included in above Scenario 6

34A IL HARRISBURG BMPCDT 20080317AEU APP
34A MO KANSAS CITY DTVPLN DTVP1257 PLN

After Analysis

Results for: 34A IL QUINCY DTVPLN DTVP1252 PLN
HAAT 153.0 m, ATV ERP 58.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	187578	13194.1
not affected by terrain losses	187174	13121.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	433	76.7
lost to ATV IX only	433	76.7
lost to all IX	433	76.7

Potential Interfering Stations Included in above Scenario 6

34A IL HARRISBURG	BMPCDT	20080317AEU	APP
34A MO KANSAS CITY	DTVPLN	DTVP1257	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.1967%

Worst case new IX 0.1967% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WISN-TV	MILWAUKEE WI	BLCDT	-20050412ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	3.4	CP MOD	BMPCDT	-20080122AOP
33	WITI	MILWAUKEE WI	3.5	PLN	DTVPLN	-DTVP1236
34	KQIN	DAVENPORT IA	275.6	PLN	DTVPLN	-DTVP1249
34	WHTV	JACKSON MI	293.0	CP MOD	BMPCDT	-20070125ACI
34	WHTV	JACKSON MI	288.2	PLN	DTVPLN	-DTVP1255
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-20040106ABJ
35	WNIT	SOUTH BEND IN	219.4	PLN	DTVPLN	-DTVP1291
35	WMVT	MILWAUKEE WI	2.6	LIC	BLEDT	-20041207AAK
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-DTVP1311
34	KQIN	DAVENPORT IA	284.1	APP	USERRECORD-01	

Total scenarios = 4

Result key: 15
Scenario 1 Affected station 7
Before Analysis

Results for: 34A WI MILWAUKEE BLCDT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	773	84.5
lost to ATV IX only	773	84.5
lost to all IX	773	84.5

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC

After Analysis

Results for: 34A WI MILWAUKEE BLCDT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1119	104.7
lost to ATV IX only	1119	104.7
lost to all IX	1119	104.7

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Result key: 16
Scenario 2 Affected station 7
Before Analysis

Results for: 34A WI MILWAUKEE BLCDDT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	773	84.5
lost to ATV IX only	773	84.5
lost to all IX	773	84.5

Potential Interfering Stations Included in above Scenario 2

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN

After Analysis

Results for: 34A WI MILWAUKEE BLCDDT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1119	104.7
lost to ATV IX only	1119	104.7
lost to all IX	1119	104.7

Potential Interfering Stations Included in above Scenario 2

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Result key: 17
Scenario 3 Affected station 7
Before Analysis

Results for: 34A WI MILWAUKEE BLCDDT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1105	116.8
lost to ATV IX only	1105	116.8
lost to all IX	1105	116.8

Potential Interfering Stations Included in above Scenario 3

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC

After Analysis

Results for: 34A WI MILWAUKEE BLC DT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1451	136.9
lost to ATV IX only	1451	136.9
lost to all IX	1451	136.9

Potential Interfering Stations Included in above Scenario 3

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Result key: 18
Scenario 4 Affected station 7
Before Analysis

Results for: 34A WI MILWAUKEE BLC DT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1105	116.8
lost to ATV IX only	1105	116.8
lost to all IX	1105	116.8

Potential Interfering Stations Included in above Scenario 4

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN

After Analysis

Results for: 34A WI MILWAUKEE BLC DT 20050412ADP LIC
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1451	136.9
lost to ATV IX only	1451	136.9
lost to all IX	1451	136.9

Potential Interfering Stations Included in above Scenario 4

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Worst case new IX 0.0130% Scenario 3

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Analysis of Interference to Affected Station 8

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.
33	WITI	MILWAUKEE WI	3.4	CP MOD	BMPCDT	-20080122AOP
33	WITI	MILWAUKEE WI	3.5	PLN	DTVPLN	-DTVP1236
34	KQIN	DAVENPORT IA	275.6	PLN	DTVPLN	-DTVP1249
34	WHTV	JACKSON MI	293.0	CP MOD	BMPCDT	-20070125ACI
34	WHTV	JACKSON MI	288.2	PLN	DTVPLN	-DTVP1255
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-20040106ABJ
35	WNIT	SOUTH BEND IN	219.4	PLN	DTVPLN	-DTVP1291
35	WMVT	MILWAUKEE WI	2.6	LIC	BLEDT	-20041207AAK
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-DTVP1311
34	KQIN	DAVENPORT IA	284.1	APP	USERRECORD-01	

Total scenarios = 4

Result key: 19
Scenario 1 Affected station 8
Before Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	773	84.5
lost to ATV IX only	773	84.5
lost to all IX	773	84.5

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC

After Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1119	104.7
lost to ATV IX only	1119	104.7
lost to all IX	1119	104.7

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Result key: 20
Scenario 2 Affected station 8
Before Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0

lost to additional IX by ATV	773	84.5
lost to ATV IX only	773	84.5
lost to all IX	773	84.5

Potential Interfering Stations Included in above Scenario 2

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN

After Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
 HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1119	104.7
lost to ATV IX only	1119	104.7
lost to all IX	1119	104.7

Potential Interfering Stations Included in above Scenario 2

33A WI MILWAUKEE	BMPCDT	20080122AOP	CP
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Result key: 21
 Scenario 3 Affected station 8
 Before Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
 HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1105	116.8
lost to ATV IX only	1105	116.8
lost to all IX	1105	116.8

Potential Interfering Stations Included in above Scenario 3

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC

After Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
 HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1451	136.9
lost to ATV IX only	1451	136.9
lost to all IX	1451	136.9

Potential Interfering Stations Included in above Scenario 3

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	BLEDT	20041207AAK	LIC
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Result key: 22
Scenario 4 Affected station 8
Before Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1105	116.8
lost to ATV IX only	1105	116.8
lost to all IX	1105	116.8

Potential Interfering Stations Included in above Scenario 4

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN

After Analysis

Results for: 34A WI MILWAUKEE DTVPLN DTVP1278 PLN
HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1451	136.9
lost to ATV IX only	1451	136.9
lost to all IX	1451	136.9

Potential Interfering Stations Included in above Scenario 4

33A WI MILWAUKEE	DTVPLN	DTVP1236	PLN
35A WI MILWAUKEE	DTVPLN	DTVP1311	PLN
34A IA DAVENPORT	USERRECORD01		APP

Percent new IX = 0.0130%

Worst case new IX 0.0130% Scenario 3

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KRIN	WATERLOO IA	BLEDT	-20050218ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KEFB	AMES IA	159.5	PLN	DTVPLN	-DTVP1248
34	KQIN	DAVENPORT IA	149.7	PLN	DTVPLN	-DTVP1249
35	KHIN	RED OAK IA	301.4	LIC	BLEDT	-20051116AED
35	KHIN	RED OAK IA	301.4	PLN	DTVPLN	-DTVP1289
35	KSTP-TV	ST. PAUL MN	322.1	CP	BPCDT	-20080321ABD
35	KSTP-TV	ST. PAUL MN	322.1	PLN	DTVPLN	-DTVP1297
35	WMVT	MILWAUKEE WI	334.4	LIC	BLEDT	-20041207AAK
35	WMVT	MILWAUKEE WI	334.4	PLN	DTVPLN	-DTVP1311
36	KWQC-TV	DAVENPORT IA	165.7	PLN	DTVPLN	-DTVP1323
36	KWQC-TV	DAVENPORT IA	165.7	CP	BPCDT	-20080313AAV
36	KAAL	AUSTIN MN	157.1	APP	BPCDT	-20080422AAE
36	KAAL	AUSTIN MN	179.9	PLN	DTVPLN	-DTVP1334
34	KQIN	DAVENPORT IA	165.7	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.
35	KRIN	WATERLOO IA	DTVPLN -DTVP1290

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KEFB	AMES IA	159.5	PLN	DTVPLN -DTVP1248
34	KQIN	DAVENPORT IA	149.7	PLN	DTVPLN -DTVP1249
35	KHIN	RED OAK IA	301.4	LIC	BLEDT -20051116AED
35	KHIN	RED OAK IA	301.4	PLN	DTVPLN -DTVP1289
35	KSTP-TV	ST. PAUL MN	322.1	CP	BPCDT -20080321ABD
35	KSTP-TV	ST. PAUL MN	322.1	PLN	DTVPLN -DTVP1297
35	WMVT	MILWAUKEE WI	334.4	LIC	BLEDT -20041207AAK
35	WMVT	MILWAUKEE WI	334.4	PLN	DTVPLN -DTVP1311
36	KWQC-TV	DAVENPORT IA	165.7	PLN	DTVPLN -DTVP1323
36	KWQC-TV	DAVENPORT IA	165.7	CP	BPCDT -20080313AAV
36	KAAL	AUSTIN MN	157.1	APP	BPCDT -20080422AAE
36	KAAL	AUSTIN MN	179.9	PLN	DTVPLN -DTVP1334
34	KQIN	DAVENPORT IA	165.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	KQIN	DAVENPORT IA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KTVO	KIRKSVILLE MO	193.8	LIC	BLCDT -20030604AAC
33	KTVO	KIRKSVILLE MO	193.8	PLN	DTVPLN -DTVP1219
34	KEFB	AMES IA	288.8	PLN	DTVPLN -DTVP1248
34	WQEC	QUINCY IL	167.7	LIC	BLEDT -20040715ADL
34	WQEC	QUINCY IL	167.7	PLN	DTVPLN -DTVP1252
34	WISN-TV	MILWAUKEE WI	284.1	LIC	BLCDT -20050412ADP
34	WISN-TV	MILWAUKEE WI	284.1	PLN	DTVPLN -DTVP1278
35	KRIN	WATERLOO IA	165.7	LIC	BLEDT -20050218ABQ
35	KRIN	WATERLOO IA	165.7	PLN	DTVPLN -DTVP1290

Total scenarios = 4

Result key: 23
Scenario 1 Affected station 11
Before Analysis

Results for: 34A IA DAVENPORT USERRECORD01 APP
HAAT 233.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	635857	17552.2
not affected by terrain losses	635462	17524.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	718	60.0
lost to ATV IX only	718	60.0
lost to all IX	718	60.0

Potential Interfering Stations Included in above Scenario 1

34A IL QUINCY	BLEDT	20040715ADL	LIC
34A WI MILWAUKEE	BLCDT	20050412ADP	LIC

Result key: 24
Scenario 2 Affected station 11
Before Analysis

Results for: 34A IA DAVENPORT USERRECORD01 APP

HAAT 233.0 m, ATV ERP 368.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	635857	17552.2
not affected by terrain losses	635462	17524.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	718	60.0
lost to ATV IX only	718	60.0
lost to all IX	718	60.0

Potential Interfering Stations Included in above Scenario 2

34A IL QUINCY	BLEDT	20040715ADL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP1278	PLN

Result key: 25
Scenario 3 Affected station 11
Before Analysis

Results for: 34A IA DAVENPORT USERRECORD01 APP

HAAT 233.0 m, ATV ERP 368.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	635857	17552.2
not affected by terrain losses	635462	17524.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	718	60.0
lost to ATV IX only	718	60.0
lost to all IX	718	60.0

Potential Interfering Stations Included in above Scenario 3

34A IL QUINCY	DTVPLN	DTVP1252	PLN
34A WI MILWAUKEE	BLCDT	20050412ADP	LIC

Result key: 26
Scenario 4 Affected station 11
Before Analysis

Results for: 34A IA DAVENPORT USERRECORD01 APP

HAAT 233.0 m, ATV ERP 368.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	635857	17552.2
not affected by terrain losses	635462	17524.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	718	60.0
lost to ATV IX only	718	60.0
lost to all IX	718	60.0

Potential Interfering Stations Included in above Scenario 4

34A IL QUINCY	DTVPLN	DTVP1252	PLN
34A WI MILWAUKEE	DTVPLN	DTVP1278	PLN

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