TV Interference And Spacing Analysis Program Summary
(Full Report Available Upon Request)

Date: 04-27-2004 Time: 13:10:44
Channel 31 ERP 150. kW HAAT 250. m RCAMSL 00504 m
Latitude 044-58-34 Longitude 0093-16-20
Status APP Zone 2 Border Offset -
Dir Antenna Make CDB Model 00000000024182 Beam tilt N Ref Azimuth 25.

Station Evaluations are worst case senarios

Ch	Call	City, State	File Number	Within Contour	Lost To Before	Lost To After	%Lost After
17	KTCITV	ST. PAUL MN	DTVPLN -NPLN0988	Proposal causes no interference			
29	WFTC	MINNEAPOLIS MN	DTVPLN -NPLN1360	Proposal causes no interference			
31	KCCI-DT	DES MOINES IA	DTVPLN -DTVP0821	923801	4209	4209	0.00
31	KWCM-DT	APPLETON MN	DTVPLN -DTVP0827	216579	46	81	0.02
31	WRPT	HIBBING MN	BNPEDT -20030605AFB	Proposal causes no interference			
31	K31GH	HAYWARD WI	BLTTL -20020729AAS	9095	0	26	0.29
31	WHLATV	LA CROSSE WI	DTVPLN -NPLN1418	314898	31479	31504	0.01
32	WCCO-DT	MINNEAPOLIS MN	DTVPLN -DTVP0868	Proposal causes no interference			
31			USERRECORD-01	0	0	0	0.00

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-27-2004 Time: 13:10:44

Record Selected for Analysis

USERRECORD-01 US
Channel 31 ERP 150. kW HAAT 250. m RCAMSL 00504 m
Latitude 044-58-34 Longitude 0093-16-20
Status APP Zone 2 Border Offset -
Dir Antenna Make CDB Model 00000000024182 Beam tilt N Ref Azimuth 25.
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

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	139.684	241.2	38.5
45.0	144.060	218.3	37.4
90.0	93.615	235.1	35.8
135.0	55.815	249.7	33.4
180.0	63.375	244.3	33.9
225.0	65.340	227.1	33.2
270.0	54.904	222.6	31.9
315.0	86.640	229.9	35.0

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Station inside contour of station
KTCI-TV 17 ST. PAUL MN BLET 19910809KE

Spacing violation to station
WFTC 29 MINNEAPOLIS MN BLCT 19910823KG
Site-to-site distance 14.8km

Contour overlap to station
KCCI 31 DES MOINES IA BPCDT 19970617KE

Contour overlap to station
KWCM-TV 31 APPLETON MN BPEDT 20000501AIK

Contour overlap to station
WRPT 31 HIBBING MN BNPEDT 20030605AFB

Contour overlap to station
WHLA-TV 31 LA CROSSE   WI BMLET   20020926ABJ

Station inside contour of station
WCCO-TV 32 MINNEAPOLIS   MN BLCDT   20010921ABB

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station
K31GH   31 HAYWARD   WI BLTTL   20020729AAS

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
K31GH   31 HAYWARD   WI BLTTL20020729AAS   causes

Contour overlap to station
         31   USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is within the Canadian coordination distance
Distance to border =   366.2km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
31			USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KTCI-TV	ST. PAUL MN	14.8	LIC	BLET	-19910809KE

29	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCT	-19910823KG
31	KCCI	DES MOINES IA	353.1	CP	BPCDT	-19970617KE
31	KWCM-TV	APPLETON MN	215.2	CP	BPEDT	-20000501AIK
31	WRPT	HIBBING MN	268.5	CP	BNPEDT	-20030605AFB
31	K31GH	HAYWARD WI	184.6	LIC	BLTTL	-20020729AAS
31	WHLA-TV	LA CROSSE WI	199.5	LIC	BMLET	-20020926ABJ
32	WCCO-TV	MINNEAPOLIS MN	14.2	LIC	BLCDT	-20010921ABB

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Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
17	KTCITV	ST. PAUL MN	DTVPLN -NPLN0988

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WQOW-DT	EAU CLAIRE WI	114.9	PLN	DTVPLN -DTVP0202
16	KTCI-DT	ST. PAUL MN	0.0	PLN	DTVPLN -DTVP0226
17	KDSMTV	DES MOINES IA	364.2	PLN	DTVPLN -NPLN0984
17	KNLD-DT	DULUTH MN	208.1	PLN	DTVPLN -DTVP0266
17	KDSD-DT	ABERDEEN SD	359.3	PLN	DTVPLN -DTVP0281
17	KTTW	SIOUX FALLS SD	337.9	PLN	DTVPLN -NPLN1002
17	WLAX-DT	LA CROSSE WI	196.9	PLN	DTVPLN -DTVP0287
18	KYIN-DT	MASON CITY IA	188.8	PLN	DTVPLN -DTVP0302
18	WQOWTV	EAU CLAIRE WI	114.9	PLN	DTVPLN -NPLN1036
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0443
24	KYIN	MASON CITY IA	188.8	PLN	DTVPLN -NPLN1206
31	WHLATV	LA CROSSE WI	197.0	PLN	DTVPLN -NPLN1418
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN -DTVP0868

Results for: 17N MN ST. PAUL DTVPLN NPLN0988 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2506473	13295.5
not affected by terrain losses	2504575	13263.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	212	20.2
lost to all IX	212	20.2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	KTCI-TV	ST. PAUL MN	BLET -19910809KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WQOW-DT	EAU CLAIRE WI	114.9	PLN	DTVPLN -DTVP0202
15	WQOW-TV	EAU CLAIRE WI	133.6	CP	BPCDT -19990416KF
16	KTCI-TV	ST. PAUL MN	0.0	LIC	BLEDT -19990920AAW
16	KTCI-DT	ST. PAUL MN	0.0	PLN	DTVPLN -DTVP0226
17	KDSM-TV	DES MOINES IA	362.9	LIC	BLCT -20021226AAD
17	KNLD-DT	DULUTH MN	208.1	PLN	DTVPLN -DTVP0266
17	KQDS-TV	DULUTH MN	208.0	CP	BPCDT -19991028ABI
17	KDSD-DT	ABERDEEN SD	359.3	PLN	DTVPLN -DTVP0281
17	KTTW	SIOUX FALLS SD	323.8	CP	BPCT -19960724KH
17	WLAX	LA CROSSE WI	196.9	CP	BPCDT -19991027ABS

17	WLAX-DT	LA CROSSE WI	196.9	PLN	DTVPLN	-DTVP0287
18	KYIN	MASON CITY IA	188.8	CP	BPEDT	-20000427ACI
18	KYIN-DT	MASON CITY IA	188.8	PLN	DTVPLN	-DTVP0302
18	WQOW-TV	EAU CLAIRE WI	133.6	LIC	BLCT	-20000728AEE
21	WFTC	MINNEAPOLIS MN	0.0	LIC	BLCDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0443
24	KYIN	MASON CITY IA	188.8	LIC	BLET	-19860923KJ
31	WHLA-TV	LA CROSSE WI	197.0	LIC	BMLET	-20020926ABJ
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP0868
31			14.8	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
29	WFTC	MINNEAPOLIS MN	DTVPLN -NPLN1360

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0443
22	KAWB	BRAINERD MN	183.7	PLN	DTVPLN -NPLN1146
22	KLGT-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0488
26	KMSP-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0641
27	WHWC-DT	MENOMONIE WI	99.0	PLN	DTVPLN -DTVP0697
28	KAWB-DT	BRAINERD MN	183.7	PLN	DTVPLN -DTVP0715
28	WHWCTV	MENOMONIE WI	99.0	PLN	DTVPLN -NPLN1347
29	KSFY-DT	SIOUX FALLS SD	320.8	PLN	DTVPLN -DTVP0765
29	WAOW-DT	WAUSAU WI	270.2	PLN	DTVPLN -DTVP0772
30	WHLA-DT	LA CROSSE WI	197.1	PLN	DTVPLN -DTVP0809
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN -DTVP0868
43	KRWF	REDWOOD FALLS MN	197.3	PLN	DTVPLN -NPLN1642
44	KVBM-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN -DTVP1271

Results for: 29N MN MINNEAPOLIS DTVPLN NPLN1360 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2679496	22572.5
not affected by terrain losses	2672593	22318.5
lost to NTSC IX	10827	907.3
lost to additional IX by ATV	2962	169.4
lost to all IX	13789	1076.6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WFTC	MINNEAPOLIS MN	BLCT -19910823KG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WFTC	MINNEAPOLIS MN	0.0	LIC	BLCDT -20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0443
22	KAWB	BRAINERD MN	183.7	LIC	BLET -19880304KG
22	KLGT-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0488
22	KMWB	MINNEAPOLIS MN	1.3	CP	BPCDT -19991027ADG
26	KMSP-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN -DTVP0641

27	WHWC-TV	MENOMONIE WI	99.0	APP	BMPEDT	-20030625AAD
27	WHWC-DT	MENOMONIE WI	99.0	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	99.0	CP	BPEDT	-20000217ABH
28	KAWB-DT	BRAINERD MN	183.7	PLN	DTVPLN	-DTVP0715
28	WHWC-TV	MENOMONIE WI	99.0	LIC	BMLET	-20021118ACH
29	960920IP	DUBUQUE IA	342.0	APP	BPET	-19960920IP
29	KFPX	NEWTON IA	360.2	APP	BPRM	-20040322AHK
29	KSFY-DT	SIOUX FALLS SD	320.8	PLN	DTVPLN	-DTVP0765
29	WAOW-DT	WAUSAU WI	270.2	PLN	DTVPLN	-DTVP0772
29	WAOW-TV	WAUSAU WI	270.3	CP	BPCDT	-19991026ABQ
30	WHLA-DT	LA CROSSE WI	197.1	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	197.1	CP MOD	BMPEDT	-20030623AHC
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP0868
43	KRWF	REDWOOD FALLS MN	197.3	LIC	BLCT	-19870424KH
44	KSTC-TV	MINNEAPOLIS MN	1.3	CP MOD	BMPCDT	-20020306ABH
44	KVBM-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP1271
31			14.8	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
31	KCCI-DT	DES MOINES IA	DTVPLN -DTVP0821

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WMBDTV	PEORIA IL	365.4	PLN	DTVPLN -NPLN1405
31	KWCM-DT	APPLETON MN	419.6	PLN	DTVPLN -DTVP0827
31	KCWB-DT	KANSAS CITY MO	333.9	PLN	DTVPLN -DTVP0828
31	KLKN-DT	LINCOLN NE	324.2	PLN	DTVPLN -DTVP0833
31	WHLATV	LA CROSSE WI	287.9	PLN	DTVPLN -NPLN1418
32	KBINTV	COUNCIL BLUFFS IA	194.3	PLN	DTVPLN -NPLN1427
32	KRIN	WATERLOO IA	156.0	PLN	DTVPLN -NPLN1428

Results for: 31A IA DES MOINES DTVPLN DTVP0821 PLN

HAAT 591.0 m, ATV ERP 796.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	919310	44777.8
not affected by terrain losses	918059	44496.5
lost to NTSC IX	800	116.5
lost to additional IX by ATV	2637	353.6
lost to ATV IX only	2637	353.6
lost to all IX	3437	470.2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
08	KCCI	DES MOINES IA	DTVPLN -NPLN0530

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KWWL	WATERLOO IA	160.5	PLN	DTVPLN -NPLN0469
07	KETV	OMAHA NE	207.7	PLN	DTVPLN -NPLN0488
08	WQADTV	MOLINE IL	275.2	PLN	DTVPLN -NPLN0533

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 08   KOMUTV   COLUMBIA MO              344.5  PLN    DTVPLN    -NPLN0544
 08   KLKN     LINCOLN NE               324.2  PLN    DTVPLN    -NPLN0551
 08   KESDTV   BROOKINGS SD             405.7  PLN    DTVPLN    -NPLN0563
 08   WKBT     LA CROSSE WI             314.3  PLN    DTVPLN    -NPLN0573
 09   KCRGTV   CEDAR RAPIDS IA          156.0  PLN    DTVPLN    -NPLN0592

Results for:  8N IA DES MOINES          DTVPLN    NPLN0530     PLN
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      919280      44773.8
   not affected by terrain losses    907667      42893.2
   lost to NTSC IX                    70747       8101.2
   lost to additional IX by ATV           0          0.0
   lost to all IX                     70747       8101.2

Analysis of current record
Channel     Call          City/State        Application Ref. No.
   31      KCCI       DES MOINES IA             BPCDT     -19970617KE

     Stations Potentially Affecting This Station

Chan   Call      City/State          Dist(km) Status  Application Ref. No.
 31   WMBD-TV  PEORIA IL               365.4  LIC    BLCT      -2378
 31   KWCM-DT  APPLETON MN             419.6  PLN    DTVPLN    -DTVP0827
 31   KWCM-TV  APPLETON MN             419.6  CP     BPEDT     -20000501AIK
 31   KCWB-DT  KANSAS CITY MO          333.9  PLN    DTVPLN    -DTVP0828
 31   KCWE     KANSAS CITY MO          312.3  CP MOD BMPCDT    -20011127AAT
 31   KLKN-DT  LINCOLN NE              324.2  PLN    DTVPLN    -DTVP0833
 31   WHLA-TV  LA CROSSE WI            287.9  LIC    BMLET     -20020926ABJ
 32   KBIN-TV  COUNCIL BLUFFS IA       194.3  LIC    BLET      -19860923KL
 32   KRIN     WATERLOO IA             156.0  LIC    BLET      -19860923KQ
 31                                    353.1  APP    USERRECORD-01

 Total scenarios =   4


Result key:        1
Scenario        1  Affected station       3
Before Analysis

Results for: 31A IA DES MOINES          BPCDT     19970617KE   CP
   HAAT  566.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      923801      45227.4
   not affected by terrain losses    920899      44909.9
   lost to NTSC IX                      690        112.5
   lost to additional IX by ATV        2863        377.7
   lost to ATV IX only                 2876        381.8
   lost to all IX                      3553        490.2

 Potential Interfering Stations Included in above Scenario     1

31N IL PEORIA              BLCT      2378         LIC
31N WI LA CROSSE           BMLET     20020926ABJ  LIC
32N IA WATERLOO            BLET      19860923KQ   LIC
31A MO KANSAS CITY         DTVPLN    DTVP0828     PLN
31A NE LINCOLN             DTVPLN    DTVP0833     PLN

After Analysis

Results for: 31A IA DES MOINES          BPCDT     19970617KE   CP
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HAAT 566.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923801	45227.4
not affected by terrain losses	920899	44909.9
lost to NTSC IX	690	112.5
lost to additional IX by ATV	2863	377.7
lost to ATV IX only	2876	381.8
lost to all IX	3553	490.2

Potential Interfering Stations Included in above Scenario 1

31N IL PEORIA	BLCT	2378	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
32N IA WATERLOO	BLET	19860923KQ	LIC
31A MO KANSAS CITY	DTVPLN	DTVP0828	PLN
31A NE LINCOLN	DTVPLN	DTVP0833	PLN
31N	USERRECORD01		APP

Result key: 2
Scenario 2 Affected station 3
Before Analysis

Results for: 31A IA DES MOINES BPCDT 19970617KE CP

HAAT 566.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923801	45227.4
not affected by terrain losses	920899	44909.9
lost to NTSC IX	690	112.5
lost to additional IX by ATV	3519	570.6
lost to ATV IX only	3532	574.6
lost to all IX	4209	683.1

Potential Interfering Stations Included in above Scenario 2

31N IL PEORIA	BLCT	2378	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
32N IA WATERLOO	BLET	19860923KQ	LIC
31A MO KANSAS CITY	BMPCDT	20011127AAT	CP
31A NE LINCOLN	DTVPLN	DTVP0833	PLN

After Analysis

Results for: 31A IA DES MOINES BPCDT 19970617KE CP

HAAT 566.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923801	45227.4
not affected by terrain losses	920899	44909.9
lost to NTSC IX	690	112.5
lost to additional IX by ATV	3519	570.6
lost to ATV IX only	3532	574.6
lost to all IX	4209	683.1

Potential Interfering Stations Included in above Scenario 2

31N IL PEORIA	BLCT	2378	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
32N IA WATERLOO	BLET	19860923KQ	LIC
31A MO KANSAS CITY	BMPCDT	20011127AAT	CP
31A NE LINCOLN	DTVPLN	DTVP0833	PLN
31N	USERRECORD01		APP

Result key: 3
Scenario 3 Affected station 3
Before Analysis

Results for: 31A IA DES MOINES BPCDT 19970617KE CP
HAAT 566.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923801	45227.4
not affected by terrain losses	920899	44909.9
lost to NTSC IX	690	112.5
lost to additional IX by ATV	2863	377.7
lost to ATV IX only	2876	381.8
lost to all IX	3553	490.2

Potential Interfering Stations Included in above Scenario 3

31N IL PEORIA	BLCT	2378	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
32N IA WATERLOO	BLET	19860923KQ	LIC
31A MO KANSAS CITY	DTVPLN	DTVP0828	PLN
31A NE LINCOLN	DTVPLN	DTVP0833	PLN

After Analysis

Results for: 31A IA DES MOINES BPCDT 19970617KE CP
HAAT 566.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923801	45227.4
not affected by terrain losses	920899	44909.9
lost to NTSC IX	690	112.5
lost to additional IX by ATV	2863	377.7
lost to ATV IX only	2876	381.8
lost to all IX	3553	490.2

Potential Interfering Stations Included in above Scenario 3

31N IL PEORIA	BLCT	2378	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
32N IA WATERLOO	BLET	19860923KQ	LIC
31A MO KANSAS CITY	DTVPLN	DTVP0828	PLN
31A NE LINCOLN	DTVPLN	DTVP0833	PLN
31N	USERRECORD01		APP

Result key: 4
Scenario 4 Affected station 3
Before Analysis

Results for: 31A IA DES MOINES BPCDT 19970617KE CP
HAAT 566.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923801	45227.4
not affected by terrain losses	920899	44909.9
lost to NTSC IX	690	112.5
lost to additional IX by ATV	3519	570.6
lost to ATV IX only	3532	574.6
lost to all IX	4209	683.1

Potential Interfering Stations Included in above Scenario 4

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31N IL PEORIA               BLCT      2378         LIC
31N WI LA CROSSE            BMLET     20020926ABJ  LIC
32N IA WATERLOO             BLET      19860923KQ   LIC
31A MO KANSAS CITY          BMPCDT    20011127AAT  CP
31A NE LINCOLN              DTVPLN    DTVP0833     PLN

After Analysis

Results for: 31A IA DES MOINES           BPCDT     19970617KE   CP
   HAAT  566.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      923801      45227.4
   not affected by terrain losses    920899      44909.9
   lost to NTSC IX                      690        112.5
   lost to additional IX by ATV        3519        570.6
   lost to ATV IX only                 3532        574.6
   lost to all IX                      4209        683.1

 Potential Interfering Stations Included in above Scenario     4

31N IL PEORIA               BLCT      2378         LIC
31N WI LA CROSSE            BMLET     20020926ABJ  LIC
32N IA WATERLOO             BLET      19860923KQ   LIC
31A MO KANSAS CITY          BMPCDT    20011127AAT  CP
31A NE LINCOLN              DTVPLN    DTVP0833     PLN
31N                         USERRECORD01           APP

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     Analysis of Interference to Affected Station   4


DTV  Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   31      KWCM-DT    APPLETON MN              DTVPLN    -DTVP0827

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 31   KCCI-DT  DES MOINES IA            419.6  PLN    DTVPLN    -DTVP0821
 31   KFYR-DT  BISMARCK ND              404.8  PLN    DTVPLN    -DTVP0832
 31   WHLATV   LA CROSSE WI             397.2  PLN    DTVPLN    -NPLN1418
 32   WCCO-DT  MINNEAPOLIS MN           224.7  PLN    DTVPLN    -DTVP0868
 32   KELO-DT  SIOUX FALLS SD           188.1  PLN    DTVPLN    -DTVP0881

Results for: 31A MN APPLETON             DTVPLN    DTVP0827     PLN
   HAAT  381.0 m, ATV ERP  697.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      244103      32826.1
   not affected by terrain losses    243902      32721.6
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV          93         60.3
   lost to ATV IX only                   93         60.3
   lost to all IX                        93         60.3

NTSC Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   10      KWCMTV     APPLETON MN              DTVPLN    -NPLN0658
```

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	KABYTV	ABERDEEN SD	148.4	PLN	DTVPLN	-NPLN0622
10	WDIOTV	DULUTH MN	349.5	PLN	DTVPLN	-NPLN0659
10	KTTC	ROCHESTER MN	334.8	PLN	DTVPLN	-NPLN0660
10	KBRR	THIEF RIVER FALLS MN	318.5	PLN	DTVPLN	-NPLN0661
10	KTSDTV	PIERRE SD	314.7	PLN	DTVPLN	-NPLN0681
11	KELOTV	SIOUX FALLS SD	188.1	PLN	DTVPLN	-NPLN0740

Results for: 10N MN APPLETON DTVPLN NPLN0658 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	244058	32830.1
not affected by terrain losses	221865	31077.7
lost to NTSC IX	20116	2958.2
lost to additional IX by ATV	0	0.0
lost to all IX	20116	2958.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KWCM-TV	APPLETON MN	BPEDT	-20000501AIK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KCCI-DT	DES MOINES IA	419.6	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	419.6	CP	BPCDT	-19970617KE
31	NEW	HIBBING MN	339.6	LIC	BPRM	-20000717AEU
31	WRPT	HIBBING MN	339.6	CP	BNPEDT	-20030605AFB
31	KFYR-DT	BISMARCK ND	404.8	PLN	DTVPLN	-DTVP0832
31	WHLA-TV	LA CROSSE WI	397.2	LIC	BMLET	-20020926ABJ
32	WCCO-DT	MINNEAPOLIS MN	224.7	PLN	DTVPLN	-DTVP0868
32	KELO-DT	SIOUX FALLS SD	188.1	PLN	DTVPLN	-DTVP0881
31			215.2	APP	USERRECORD	-01

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 4
Before Analysis

Results for: 31A MN APPLETON BPEDT 20000501AIK CP
HAAT 364.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	216579	29441.7
not affected by terrain losses	216475	29389.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46	12.1
lost to ATV IX only	46	12.1
lost to all IX	46	12.1

Potential Interfering Stations Included in above Scenario 1

31A MN HIBBING BPRM 20000717AEU LIC

After Analysis

Results for: 31A MN APPLETON BPEDT 20000501AIK CP
HAAT 364.0 m, ATV ERP 1000.0 kW

```
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                       46          8.0
   lost to additional IX by ATV          35          8.0
   lost to ATV IX only                   46         12.1
   lost to all IX                        81         16.1

 Potential Interfering Stations Included in above Scenario     1

31A MN HIBBING              BPRM      20000717AEU  LIC
31N                         USERRECORD01           APP

Result key:        6
Scenario        2  Affected station        4
Before Analysis

Results for: 31A MN APPLETON             BPEDT     20000501AIK  CP
   HAAT  364.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV          46         12.1
   lost to ATV IX only                   46         12.1
   lost to all IX                        46         12.1

 Potential Interfering Stations Included in above Scenario     2

31A MN HIBBING              BNPEDT    20030605AFB  CP

After Analysis

Results for: 31A MN APPLETON             BPEDT     20000501AIK  CP
   HAAT  364.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                       46          8.0
   lost to additional IX by ATV          35          8.0
   lost to ATV IX only                   46         12.1
   lost to all IX                        81         16.1

 Potential Interfering Stations Included in above Scenario     2

31A MN HIBBING              BNPEDT    20030605AFB  CP
31N                         USERRECORD01           APP

Result key:        7
Scenario        3  Affected station        4
Before Analysis

Results for: 31A MN APPLETON             BPEDT     20000501AIK  CP
   HAAT  364.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV          46         12.1
   lost to ATV IX only                   46         12.1
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```
   lost to all IX                        46         12.1

 Potential Interfering Stations Included in above Scenario     3

31A MN HIBBING              BPRM      20000717AEU  LIC

After Analysis

Results for: 31A MN APPLETON             BPEDT     20000501AIK  CP
   HAAT  364.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                       46          8.0
   lost to additional IX by ATV          35          8.0
   lost to ATV IX only                   46         12.1
   lost to all IX                        81         16.1

 Potential Interfering Stations Included in above Scenario     3

31A MN HIBBING              BPRM      20000717AEU  LIC
31N                         USERRECORD01           APP

Result key:        8
Scenario        4  Affected station        4
Before Analysis

Results for: 31A MN APPLETON             BPEDT     20000501AIK  CP
   HAAT  364.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV          46         12.1
   lost to ATV IX only                   46         12.1
   lost to all IX                        46         12.1

 Potential Interfering Stations Included in above Scenario     4

31A MN HIBBING              BNPEDT    20030605AFB  CP

After Analysis

Results for: 31A MN APPLETON             BPEDT     20000501AIK  CP
   HAAT  364.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      216579      29441.7
   not affected by terrain losses    216475      29389.5
   lost to NTSC IX                       46          8.0
   lost to additional IX by ATV          35          8.0
   lost to ATV IX only                   46         12.1
   lost to all IX                        81         16.1

 Potential Interfering Stations Included in above Scenario     4

31A MN HIBBING              BNPEDT    20030605AFB  CP
31N                         USERRECORD01           APP

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WRPT	HIBBING MN	BNPEDT -20030605AFB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KWCM-DT	APPLETON MN	339.6	PLN	DTVPLN -DTVP0827
31	KWCM-TV	APPLETON MN	339.6	CP	BPEDT -20000501AIK
31	WHLA-TV	LA CROSSE WI	416.2	LIC	BMLET -20020926ABJ
31			268.5	APP	USERRECORD-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31GH	HAYWARD WI	BLTTL -20020729AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WHWC-TV	MENOMONIE WI	111.6	APP	BMPEDT -20030625AAD
27	WHWC-DT	MENOMONIE WI	111.6	PLN	DTVPLN -DTVP0697
27	WHWC-TV	MENOMONIE WI	111.6	CP	BPEDT -20000217ABH
31	KWCM-DT	APPLETON MN	369.2	PLN	DTVPLN -DTVP0827
31	KWCM-TV	APPLETON MN	369.2	CP	BPEDT -20000501AIK
31	NEW	HIBBING MN	194.0	LIC	BPRM -20000717AEU
31	WRPT	HIBBING MN	194.0	CP	BNPEDT -20030605AFB
31	K31HF	ASHLAND WI	83.4	CP	BNPTT -20000809AAR
31	WHLA-TV	LA CROSSE WI	243.8	LIC	BMLET -20020926ABJ
31	W31CI	WAUSAU WI	180.0	CP MOD	BMPTTL -20000630ADT
33	KDLH-DT	DULUTH MN	103.4	PLN	DTVPLN -DTVP0906
38	WDSE-DT	DULUTH MN	104.0	PLN	DTVPLN -DTVP1051
38	WDSE-TV	DULUTH MN	104.0	CP MOD	BMPEDT -20000501AIO
31			184.6	APP	USERRECORD-01

Total scenarios = 2

Result key: 9
Scenario 1 Affected station 6
Before Analysis

Results for: 31N WI HAYWARD BLTTL 20020729AAS LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	9095	868.9
not affected by terrain losses	9095	868.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 31N WI HAYWARD BLTTL 20020729AAS LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	9095	868.9
not affected by terrain losses	9095	868.9
lost to NTSC IX	26	12.0
lost to additional IX by ATV	0	0.0
lost to all IX	26	12.0

Potential Interfering Stations Included in above Scenario 1

31N USERRECORD01 APP

Result key: 10
Scenario 2 Affected station 6
Before Analysis

Results for: 31N WI HAYWARD BLTTL 20020729AAS LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	9095	868.9
not affected by terrain losses	9095	868.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 31N WI HAYWARD BLTTL 20020729AAS LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	9095	868.9
not affected by terrain losses	9095	868.9
lost to NTSC IX	26	12.0
lost to additional IX by ATV	0	0.0
lost to all IX	26	12.0

Potential Interfering Stations Included in above Scenario 2

31N USERRECORD01 APP

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Analysis of Interference to Affected Station 7

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
31	WHLATV	LA CROSSE WI	DTVPLN -NPLN1418

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KYIN	MASON CITY IA	127.3	PLN	DTVPLN -NPLN1206

30	WHLA-DT	LA CROSSE WI	0.0	PLN	DTVPLN	-DTVP0809
31	KCCI-DT	DES MOINES IA	287.9	PLN	DTVPLN	-DTVP0821
31	WFLD-DT	CHICAGO IL	371.4	PLN	DTVPLN	-DTVP0822
31	WMBDTV	PEORIA IL	383.1	PLN	DTVPLN	-NPLN1405
31	KWCM-DT	APPLETON MN	397.2	PLN	DTVPLN	-DTVP0827
32	KRIN	WATERLOO IA	170.2	PLN	DTVPLN	-NPLN1428
32	WCCO-DT	MINNEAPOLIS MN	198.2	PLN	DTVPLN	-DTVP0868
39	WEAU-DT	EAU CLAIRE WI	100.9	PLN	DTVPLN	-DTVP1112
45	KVBMTV	MINNEAPOLIS MN	198.2	PLN	DTVPLN	-NPLN1684
46	KXLT-DT	ROCHESTER MN	86.7	PLN	DTVPLN	-DTVP1331

Results for: 31N WI LA CROSSE DTVPLN NPLN1418 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	184	12.1
lost to additional IX by ATV	5427	466.8
lost to all IX	5611	478.8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WHLA-TV	LA CROSSE WI	BMLET -20020926ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KYIN	MASON CITY IA	127.3	LIC	BLET -19860923KJ
30	WHLA-DT	LA CROSSE WI	0.0	PLN	DTVPLN -DTVP0809
30	WHLA-TV	LA CROSSE WI	0.0	CP MOD	BMPEDT -20030623AHC
31	KCCI-DT	DES MOINES IA	287.9	PLN	DTVPLN -DTVP0821
31	KCCI	DES MOINES IA	287.9	CP	BPCDT -19970617KE
31	WFLD	CHICAGO IL	371.9	LIC	BLCDT -19990728LD
31	WFLD-DT	CHICAGO IL	371.4	PLN	DTVPLN -DTVP0822
31	WFLD	CHICAGO IL	371.9	CP	BPCDT -20010604AAX
31	WMBD-TV	PEORIA IL	383.1	LIC	BLCT -2378
31	KWCM-DT	APPLETON MN	397.2	PLN	DTVPLN -DTVP0827
31	KWCM-TV	APPLETON MN	397.2	CP	BPEDT -20000501AIK
32	KRIN	WATERLOO IA	170.2	LIC	BLET -19860923KQ
32	WCCO-DT	MINNEAPOLIS MN	198.2	PLN	DTVPLN -DTVP0868
32	WBUW	JANESVILLE WI	173.4	CP MOD	BMPCDT -20040121ADB
35	NEW	WINONA MN	34.5	APP	BNPET -20010220AAV
35	NEW	WINONA MN	29.2	APP	BNPET -20010220AAU
35	NEW	WINONA MN	32.0	APP	BNPET -20010220AAT
35	NEW	WINONA MN	32.0	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	29.2	APP	BPET -19960725KX
39	WEAU-DT	EAU CLAIRE WI	100.9	PLN	DTVPLN -DTVP1112
39	960220KF	MARSHFIELD WI	100.9	APP	BPCT -19960220KF
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	198.2	LIC	BLCT -20020318AAJ
45	960722KN	RICHLAND CENTER WI	128.8	APP	BPCT -19960722KN
46	KXLT-TV	ROCHESTER MN	94.7	CP	BPCDT -19991026ABN
46	KXLT-DT	ROCHESTER MN	86.7	PLN	DTVPLN -DTVP1331
31			199.5	APP	USERRECORD-01

Total scenarios = 26

Result key: 11
Scenario 1 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	184	12.1
lost to additional IX by ATV	5507	482.9
lost to all IX	5691	494.9

Potential Interfering Stations Included in above Scenario 1

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	240	32.2
lost to additional IX by ATV	5476	474.8
lost to all IX	5716	507.0

Potential Interfering Stations Included in above Scenario 1

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 12
Scenario 2 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	184	12.1
lost to additional IX by ATV	6030	571.4
lost to all IX	6214	583.5

Potential Interfering Stations Included in above Scenario 2

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	240	32.2
lost to additional IX by ATV	5999	563.3
lost to all IX	6239	595.5

Potential Interfering Stations Included in above Scenario 2

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32N IA WATERLOO             BLET      19860923KQ   LIC
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       13
Scenario        3  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                    25567        712.2
   lost to additional IX by ATV        5389        458.7
   lost to all IX                     30956       1171.0

 Potential Interfering Stations Included in above Scenario     3

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAV  APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                    25623        732.3
   lost to additional IX by ATV        5358        450.7
   lost to all IX                     30981       1183.0

 Potential Interfering Stations Included in above Scenario     3

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAV  APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       14
Scenario        4  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                    25567        712.2
   lost to additional IX by ATV        5912        547.2
   lost to all IX                     31479       1259.5

 Potential Interfering Stations Included in above Scenario     4

32N IA WATERLOO             BLET      19860923KQ   LIC
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35N MN WINONA               BNPET     20010220AAV  APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                    25623        732.3
   lost to additional IX by ATV        5881        539.2
   lost to all IX                     31504       1271.5

 Potential Interfering Stations Included in above Scenario     4

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAV  APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       15
Scenario        5  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                    25002        619.7
   lost to additional IX by ATV        5507        482.9
   lost to all IX                     30509       1102.5

 Potential Interfering Stations Included in above Scenario     5

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAV  APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                    25058        639.8
   lost to additional IX by ATV        5476        474.8
   lost to all IX                     30534       1114.6

 Potential Interfering Stations Included in above Scenario     5

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAV  APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP
```

Result key: 16
Scenario 6 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	25002	619.7
lost to additional IX by ATV	6030	571.4
lost to all IX	31032	1191.1

Potential Interfering Stations Included in above Scenario 6

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAV	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	25058	639.8
lost to additional IX by ATV	5999	563.3
lost to all IX	31057	1203.1

Potential Interfering Stations Included in above Scenario 6

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAV	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 17
Scenario 7 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	22263	406.4
lost to additional IX by ATV	5389	458.7
lost to all IX	27652	865.1

Potential Interfering Stations Included in above Scenario 7

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	22319	426.5
lost to additional IX by ATV	5358	450.7
lost to all IX	27677	877.2

Potential Interfering Stations Included in above Scenario 7

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 18
Scenario 8 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	22263	406.4
lost to additional IX by ATV	5912	547.2
lost to all IX	28175	953.7

Potential Interfering Stations Included in above Scenario 8

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	22319	426.5
lost to additional IX by ATV	5881	539.2
lost to all IX	28200	965.7

Potential Interfering Stations Included in above Scenario 8

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 19
Scenario 9 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	21698	313.9
lost to additional IX by ATV	5507	482.9
lost to all IX	27205	796.7

Potential Interfering Stations Included in above Scenario 9

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	21754	334.0
lost to additional IX by ATV	5476	474.8
lost to all IX	27230	808.8

Potential Interfering Stations Included in above Scenario 9

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 20
Scenario 10 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	21698	313.9
lost to additional IX by ATV	6030	571.4
lost to all IX	27728	885.3

Potential Interfering Stations Included in above Scenario 10

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	21754	334.0
lost to additional IX by ATV	5999	563.3

lost to all IX	27753	897.3

Potential Interfering Stations Included in above Scenario 10

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAU	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 21
Scenario 11 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1198	165.0
lost to additional IX by ATV	5383	454.7
lost to all IX	6581	619.7

Potential Interfering Stations Included in above Scenario 11

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1254	185.1
lost to additional IX by ATV	5352	446.7
lost to all IX	6606	631.7

Potential Interfering Stations Included in above Scenario 11

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 22
Scenario 12 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1198	165.0
lost to additional IX by ATV	5906	543.2
lost to all IX	7104	708.2

Potential Interfering Stations Included in above Scenario 12

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1254	185.1
lost to additional IX by ATV	5875	535.2
lost to all IX	7129	720.3

Potential Interfering Stations Included in above Scenario 12

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 23
Scenario 13 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	633	72.4
lost to additional IX by ATV	5501	478.8
lost to all IX	6134	551.3

Potential Interfering Stations Included in above Scenario 13

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	689	92.5
lost to additional IX by ATV	5470	470.8
lost to all IX	6159	563.3

Potential Interfering Stations Included in above Scenario 13

32N IA WATERLOO	BLET	19860923KQ	LIC

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35N MN WINONA               BNPET     20010220AAT  APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       24
Scenario       14  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                      633         72.4
   lost to additional IX by ATV        6024        567.4
   lost to all IX                      6657        639.8

 Potential Interfering Stations Included in above Scenario    14

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAT  APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                      689         92.5
   lost to additional IX by ATV        5993        559.3
   lost to all IX                      6682        651.9

 Potential Interfering Stations Included in above Scenario    14

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAT  APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       25
Scenario       15  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                     1198        165.0
   lost to additional IX by ATV        5383        454.7
   lost to all IX                      6581        619.7

 Potential Interfering Stations Included in above Scenario    15

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BNPET     20010220AAT  APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
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31A IL CHICAGO BPCDT 20010604AAX CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1254	185.1
lost to additional IX by ATV	5352	446.7
lost to all IX	6606	631.7

Potential Interfering Stations Included in above Scenario 15

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 26
Scenario 16 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1198	165.0
lost to additional IX by ATV	5906	543.2
lost to all IX	7104	708.2

Potential Interfering Stations Included in above Scenario 16

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	1254	185.1
lost to additional IX by ATV	5875	535.2
lost to all IX	7129	720.3

Potential Interfering Stations Included in above Scenario 16

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 27
Scenario 17 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	633	72.4
lost to additional IX by ATV	5501	478.8
lost to all IX	6134	551.3

Potential Interfering Stations Included in above Scenario 17

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	689	92.5
lost to additional IX by ATV	5470	470.8
lost to all IX	6159	563.3

Potential Interfering Stations Included in above Scenario 17

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 28
Scenario 18 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	633	72.4
lost to additional IX by ATV	6024	567.4
lost to all IX	6657	639.8

Potential Interfering Stations Included in above Scenario 18

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	689	92.5
lost to additional IX by ATV	5993	559.3
lost to all IX	6682	651.9

Potential Interfering Stations Included in above Scenario 18

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BNPET	20010220AAT	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 29
Scenario 19 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	6898	156.9
lost to additional IX by ATV	5361	454.7
lost to all IX	12259	611.6

Potential Interfering Stations Included in above Scenario 19

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BPET	19960725KX	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	6954	177.1
lost to additional IX by ATV	5330	446.7
lost to all IX	12284	623.7

Potential Interfering Stations Included in above Scenario 19

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BPET	19960725KX	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 30
Scenario 20 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3

```
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                     6898        156.9
   lost to additional IX by ATV        5884        543.2
   lost to all IX                     12782        700.2

 Potential Interfering Stations Included in above Scenario    20

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BPET      19960725KX   APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                     6954        177.1
   lost to additional IX by ATV        5853        535.2
   lost to all IX                     12807        712.2

 Potential Interfering Stations Included in above Scenario    20

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BPET      19960725KX   APP
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       31
Scenario       21  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                     6333         64.4
   lost to additional IX by ATV        5479        478.8
   lost to all IX                     11812        543.2

 Potential Interfering Stations Included in above Scenario    21

32N IA WATERLOO             BLET      19860923KQ   LIC
35N MN WINONA               BPET      19960725KX   APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                     6389         84.5
   lost to additional IX by ATV        5448        470.8
   lost to all IX                     11837        555.3
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Potential Interfering Stations Included in above Scenario 21

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BPET	19960725KX	APP
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 32
Scenario 22 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	6333	64.4
lost to additional IX by ATV	6002	567.4
lost to all IX	12335	631.7

Potential Interfering Stations Included in above Scenario 22

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BPET	19960725KX	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	6389	84.5
lost to additional IX by ATV	5971	559.3
lost to all IX	12360	643.8

Potential Interfering Stations Included in above Scenario 22

32N IA WATERLOO	BLET	19860923KQ	LIC
35N MN WINONA	BPET	19960725KX	APP
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 33
Scenario 23 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	749	104.6
lost to additional IX by ATV	5389	458.7
lost to all IX	6138	563.3

Potential Interfering Stations Included in above Scenario 23

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32N IA WATERLOO             BLET      19860923KQ   LIC
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                      805        124.7
   lost to additional IX by ATV        5358        450.7
   lost to all IX                      6163        575.4

 Potential Interfering Stations Included in above Scenario    23

32N IA WATERLOO             BLET      19860923KQ   LIC
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           DTVPLN    DTVP0821     PLN
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP

Result key:       34
Scenario       24  Affected station        7
Before Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                      749        104.6
   lost to additional IX by ATV        5912        547.2
   lost to all IX                      6661        651.9

 Potential Interfering Stations Included in above Scenario    24

32N IA WATERLOO             BLET      19860923KQ   LIC
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP

After Analysis

Results for: 31N WI LA CROSSE            BMLET     20020926ABJ  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour      314898      18083.3
   not affected by terrain losses    297474      16876.2
   lost to NTSC IX                      805        124.7
   lost to additional IX by ATV        5881        539.2
   lost to all IX                      6686        663.9

 Potential Interfering Stations Included in above Scenario    24

32N IA WATERLOO             BLET      19860923KQ   LIC
45N WI RICHLAND CENTER      BPCT      19960722KN   APP
31A IA DES MOINES           BPCDT     19970617KE   CP
31A IL CHICAGO              BPCDT     20010604AAX  CP
31N                         USERRECORD01           APP
```

Result key: 35
Scenario 25 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	184	12.1
lost to additional IX by ATV	5507	482.9
lost to all IX	5691	494.9

Potential Interfering Stations Included in above Scenario 25

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	240	32.2
lost to additional IX by ATV	5476	474.8
lost to all IX	5716	507.0

Potential Interfering Stations Included in above Scenario 25

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	DTVPLN	DTVP0821	PLN
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

Result key: 36
Scenario 26 Affected station 7
Before Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	184	12.1
lost to additional IX by ATV	6030	571.4
lost to all IX	6214	583.5

Potential Interfering Stations Included in above Scenario 26

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP

After Analysis

Results for: 31N WI LA CROSSE BMLET 20020926ABJ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	314898	18083.3
not affected by terrain losses	297474	16876.2
lost to NTSC IX	240	32.2

lost to additional IX by ATV	5999	563.3
lost to all IX	6239	595.5

Potential Interfering Stations Included in above Scenario 26

32N IA WATERLOO	BLET	19860923KQ	LIC
31A IA DES MOINES	BPCDT	19970617KE	CP
31A IL CHICAGO	BPCDT	20010604AAX	CP
31N	USERRECORD01		APP

##

Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
32	WCCO-DT	MINNEAPOLIS MN	DTVPLN	-DTVP0868

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KWCM-DT	APPLETON MN	224.7	PLN	DTVPLN	-DTVP0827
31	WHLATV	LA CROSSE WI	198.2	PLN	DTVPLN	-NPLN1418
32	KRIN	WATERLOO IA	322.1	PLN	DTVPLN	-NPLN1428
32	KELO-DT	SIOUX FALLS SD	320.0	PLN	DTVPLN	-DTVP0881
32	WACY	APPLETON WI	414.9	PLN	DTVPLN	-NPLN1439
32	WJNW-DT	JANESVILLE WI	406.5	PLN	DTVPLN	-DTVP0889
33	KAAL-DT	AUSTIN MN	159.4	PLN	DTVPLN	-DTVP0905
33	KDLH-DT	DULUTH MN	207.0	PLN	DTVPLN	-DTVP0906

Results for: 32A MN MINNEAPOLIS DTVPLN DTVP0868 PLN
HAAT 436.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3036150	41010.2
not affected by terrain losses	3022579	40204.9
lost to NTSC IX	8132	185.2
lost to additional IX by ATV	31242	418.8
lost to ATV IX only	32172	438.9
lost to all IX	39374	604.0

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
04	WCCOTV	MINNEAPOLIS MN	DTVPLN	-NPLN0295

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
03	KIMT	MASON CITY IA	189.4	PLN	DTVPLN	-NPLN0222
03	KDLH	DULUTH MN	207.0	PLN	DTVPLN	-NPLN0234
04	KTIV	SIOUX CITY IA	370.4	PLN	DTVPLN	-NPLN0286
04	KXJBTV	VALLEY CITY ND	406.3	PLN	DTVPLN	-NPLN0303
04	NEW	CRANDON WI	303.9	PLN	DTVPLN	-NPLN0331

Results for: 4N MN MINNEAPOLIS DTVPLN NPLN0295 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3036150	41010.2
not affected by terrain losses	3005508	39778.1
lost to NTSC IX	103606	5858.6

lost to additional IX by ATV 0 0.0
lost to all IX 103606 5858.6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WCCO-TV	MINNEAPOLIS MN	BLCDT -20010921ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KWCM-DT	APPLETON MN	224.7	PLN	DTVPLN -DTVP0827
31	KWCM-TV	APPLETON MN	224.7	CP	BPEDT -20000501AIK
31	WHLA-TV	LA CROSSE WI	198.2	LIC	BMLET -20020926ABJ
32	KRIN	WATERLOO IA	322.1	LIC	BLET -19860923KQ
32	KBRR	THIEF RIVER FALLS MN	411.3	APP	BPRM -20000328ABU
32	KELO-DT	SIOUX FALLS SD	320.0	PLN	DTVPLN -DTVP0881
32	WACY	APPLETON WI	414.9	LIC	BMLCT -19990831LF
32	WJNW-DT	JANESVILLE WI	406.5	PLN	DTVPLN -DTVP0889
32	WBUW	JANESVILLE WI	367.5	CP MOD	BMPCDT -20040121ADB
33	KAAL-DT	AUSTIN MN	159.4	PLN	DTVPLN -DTVP0905
33	KDLH-DT	DULUTH MN	207.1	PLN	DTVPLN -DTVP0906
31			14.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WHWC-TV	MENOMONIE WI	111.0	APP	BMPEDT -20030625AAD
27	WHWC-DT	MENOMONIE WI	111.0	PLN	DTVPLN -DTVP0697
27	WHWC-TV	MENOMONIE WI	111.0	CP	BPEDT -20000217ABH
28	WHWC-TV	MENOMONIE WI	111.0	LIC	BMLET -20021118ACH
29	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCT -19910823KG
31	KCCI-DT	DES MOINES IA	353.1	PLN	DTVPLN -DTVP0821
31	KCCI	DES MOINES IA	353.1	CP	BPCDT -19970617KE
31	KWCM-DT	APPLETON MN	215.2	PLN	DTVPLN -DTVP0827
31	KWCM-TV	APPLETON MN	215.2	CP	BPEDT -20000501AIK
31	NEW	HIBBING MN	268.5	LIC	BPRM -20000717AEU
31	WRPT	HIBBING MN	268.5	CP	BNPEDT -20030605AFB
31	K31GH	HAYWARD WI	184.6	LIC	BLTTL -20020729AAS
31	WHLA-TV	LA CROSSE WI	199.5	LIC	BMLET -20020926ABJ
32	WCCO-DT	MINNEAPOLIS MN	14.2	PLN	DTVPLN -DTVP0868
34	KTCA-TV	SAINT PAUL MN	14.8	CP	BPEDT -20000331AAX
34	KTCA-DT	ST. PAUL MN	14.8	PLN	DTVPLN -DTVP0941
35	KARE-DT	MINNEAPOLIS MN	14.2	PLN	DTVPLN -DTVP0980
35	KARE	MINNEAPOLIS MN	14.2	LIC	BLCDT -20010917ABZ
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	14.2	LIC	BLCT -20020318AAJ
46	KXLT-DT	ROCHESTER MN	124.6	PLN	DTVPLN -DTVP1331

Total scenarios = 4

Result key: 37
Scenario 1 Affected station 9
Before Analysis

Results for: 31N USERRECORD01 APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2142087	4006.9
not affected by terrain losses	2141627	3978.7
lost to NTSC IX	64763	209.6
lost to additional IX by ATV	8329	56.4
lost to all IX	73092	266.1

Potential Interfering Stations Included in above Scenario 1

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
45N MN MINNEAPOLIS-ST. PAUL	BLCT	20020318AAJ	LIC
31A MN APPLETON	DTVPLN	DTVP0827	PLN
32A MN MINNEAPOLIS	DTVPLN	DTVP0868	PLN
34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN

Result key: 38
Scenario 2 Affected station 9
Before Analysis

Results for: 31N USERRECORD01 APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2142087	4006.9
not affected by terrain losses	2141627	3978.7
lost to NTSC IX	64763	209.6
lost to additional IX by ATV	8329	56.4
lost to all IX	73092	266.1

Potential Interfering Stations Included in above Scenario 2

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
31N WI LA CROSSE	BMLET	20020926ABJ	LIC
45N MN MINNEAPOLIS-ST. PAUL	BLCT	20020318AAJ	LIC
31A MN APPLETON	DTVPLN	DTVP0827	PLN
32A MN MINNEAPOLIS	DTVPLN	DTVP0868	PLN
34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC

Result key: 39
Scenario 3 Affected station 9
Before Analysis

Results for: 31N USERRECORD01 APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2142087	4006.9
not affected by terrain losses	2141627	3978.7
lost to NTSC IX	64763	209.6
lost to additional IX by ATV	8329	56.4
lost to all IX	73092	266.1

Potential Interfering Stations Included in above Scenario 3

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC

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31N WI LA CROSSE            BMLET     20020926ABJ  LIC
45N MN MINNEAPOLIS-ST. PAUL BLCT      20020318AAJ  LIC
31A MN APPLETON             BPEDT     20000501AIK  CP
32A MN MINNEAPOLIS          DTVPLN    DTVP0868     PLN
34A MN ST. PAUL             DTVPLN    DTVP0941     PLN
35A MN MINNEAPOLIS          DTVPLN    DTVP0980     PLN

Result key:       40
Scenario        4  Affected station        9
Before Analysis

Results for: 31N                        USERRECORD01           APP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     2142087       4006.9
   not affected by terrain losses   2141627       3978.7
   lost to NTSC IX                    64763        209.6
   lost to additional IX by ATV        8329         56.4
   lost to all IX                     73092        266.1

 Potential Interfering Stations Included in above Scenario     4

29N MN MINNEAPOLIS          BLCT      19910823KG   LIC
31N WI LA CROSSE            BMLET     20020926ABJ  LIC
45N MN MINNEAPOLIS-ST. PAUL BLCT      20020318AAJ  LIC
31A MN APPLETON             BPEDT     20000501AIK  CP
32A MN MINNEAPOLIS          DTVPLN    DTVP0868     PLN
34A MN ST. PAUL             DTVPLN    DTVP0941     PLN
35A MN MINNEAPOLIS          BLCDT     20010917ABZ  LIC

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