

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-26-2009 Time: 11:18:52

Record Selected for Analysis

K30FN-LD USERRECORD-01 STJAMES2 MN US
Channel 30 ERP 15. kW HAAT 302. m RCAMSL 00615 m STRINGENT MASK
Latitude 044-06-25 Longitude 0094-35-44
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	15.000	308.8	55.9
45.0	15.000	310.1	56.0
90.0	15.000	302.9	55.6
135.0	15.000	300.1	55.4
180.0	15.000	296.1	55.2
225.0	15.000	293.2	55.0
270.0	15.000	298.7	55.3
315.0	15.000	308.3	55.9

Contour Overlap to Proposed Station

Station
K30FN 30 ST. JAMES MN BPTTL20080604AAR

Station inside contour of Digital LPTV station
K30FN-LD 30 STJAMES2 MN USERRECORD01

Station
K30FN 30 ST. JAMES MN BLTT19991102AAS

Station inside contour of Digital LPTV station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
30	K30FN-LD	STJAMES2 MN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29IF-D	FROST MN	78.8	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	78.8	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	157.3	CP MOD	BMPCDT	-20080311ABZ
29	K29IE-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080528AAZ
30	K45EE	COUNCIL BLUFFS IA	332.9	APP	BPTTL	-20020828AAW
30	K30AF	ALEXANDRIA MN	213.7	LIC	BLTTL	-19821122KC
30	K30DK	BEMIDJI MN	374.1	LIC	BLTT	-19920901IC
30	NEW	DULUTH MN	354.9	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.6	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.4	LIC	BLDTL	-20080904AGG
30	K30FZ	WILLMAR MN	123.0	LIC	BLTT	-20000920ADB
30	K35FM	NORFOLK NE	321.8	LIC	BLTT	-19871015IC
30	WHLA-TV	LA CROSSE WI	260.4	LIC	BMLEDT	-20041013AAL
31	K31EF	FROST MN	78.8	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	64.4	CP	BDCCDTT	-20070411ABT
31	WDMI-LP	MINNEAPOLIS MN	142.6	CP	BDISTTL	-20070622ADM
31	K31JY-D	ST. JAMES MN	0.3	CP MOD	BMPDTL	-20080512AFA
32	K32DR	GRANITE FALLS MN	110.1	LIC	BLTTL	-19940517JE
33	K33AB	SIBLEY, ETC. IA	116.5	LIC	BLTT	-19790731IA
33	K33AB	SIBLEY, ETC. IA	116.5	CP	BPTT	-20060322ACK
34	K34HO	WILLMAR MN	122.9	LIC	BLTTL	-20040901ACS

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29IF-D	FROST MN	BLDTL -20080505ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KHVM-LD	MANKATO MN	101.1	LIC	BLDTL -20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	175.3	CP MOD	BMPDTL -20090430ABW
28	K56GF	SIOUX FALLS SD	221.9	CP	BDISDTT -20060330AHQ
29	K61HD	DAVENPORT IA	362.3	CP	BDISDTT -20060328ACJ
29	K29EB	GRAND RAPIDS MN	419.3	CP	BDFCDTT -20060331BGK
29	K29HU-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061019ABE
29	WFTC	MINNEAPOLIS MN	175.7	PLN	DTVPLN -DTVP1069
29	WFTC	MINNEAPOLIS MN	175.7	CP MOD	BMPCDT -20080311ABZ
29	K29IE-D	ST. JAMES MN	79.0	LIC	BLDTL -20080528AAZ
29	K29GL	LINCOLN NE	387.0	CP	BDFCDTT -20060330ACT
30	K30JL-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	163.1	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	197.3	LIC	BLDTL -20080904AGG
30	K30FN	ST. JAMES MN	78.8	CP	BPTTL -20080604AAR
30	K30FN-LD	STJAMES2 MN	78.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29IF-D	FROST MN	BMPDTL -20080116AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KHVM-LD	MANKATO MN	101.1	LIC	BLDTL -20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	175.3	CP MOD	BMPDTL -20090430ABW
28	K56GF	SIOUX FALLS SD	221.9	CP	BDISDTT -20060330AHQ
29	K61HD	DAVENPORT IA	362.3	CP	BDISDTT -20060328ACJ
29	K29EB	GRAND RAPIDS MN	419.3	CP	BDFCDTT -20060331BGK
29	K29HU-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061019ABE
29	WFTC	MINNEAPOLIS MN	175.7	PLN	DTVPLN -DTVP1069
29	WFTC	MINNEAPOLIS MN	175.7	CP MOD	BMPCDT -20080311ABZ
29	K29IE-D	ST. JAMES MN	79.0	LIC	BLDTL -20080528AAZ
29	K29GL	LINCOLN NE	387.0	CP	BDFCDTT -20060330ACT
30	K30JL-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	163.1	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	197.3	LIC	BLDTL -20080904AGG
30	K30FN	ST. JAMES MN	78.8	CP	BPTTL -20080604AAR
30	K30FN-LD	STJAMES2 MN	78.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29HU-D	GRANITE FALLS MN	BDCCDTL -20061019ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	K67AN	GRANITE FALLS MN	0.0	CP	BDISTTTL -20060720ADC
28	KHVM-LD	MANKATO MN	162.3	LIC	BLDTL -20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	191.5	CP MOD	BMPDTL -20090430ABW
28	K56GF	SIOUX FALLS SD	164.6	CP	BDISDTT -20060330AHQ
29	K29IF-D	FROST MN	188.8	LIC	BLDTL -20080505ABD
29	K29IF-D	FROST MN	188.8	CP MOD	BMPDTL -20080116AAN
29	K29EB	GRAND RAPIDS MN	328.2	CP	BDFCDTT -20060331BGK
29	WFTC	MINNEAPOLIS MN	195.3	PLN	DTVPLN -DTVP1069
29	WFTC	MINNEAPOLIS MN	195.3	CP MOD	BMPCDT -20080311ABZ
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL -20080528AAZ
30	K30JL-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	182.7	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	168.6	LIC	BLDTL -20080904AGG
30	K30FN	ST. JAMES MN	110.1	CP	BPTTL -20080604AAR
30	K30FN-LD	STJAMES2 MN	110.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WFTC	MINNEAPOLIS MN	BMPCDT -20080311ABZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KAWB	BRAINERD MN	183.7	APP	BPEDT -20080620AHQ
28	KAWB	BRAINERD MN	183.7	PLN	DTVPLN -DTVP1037
28	KAWB	BRAINERD MN	183.7	LIC	BLEDT -20030429AAJ
30	WHLA-TV	LA CROSSE WI	197.1	LIC	BMLEDT -20041013AAL
30	WHLA-TV	LA CROSSE WI	197.1	PLN	DTVPLN -DTVP1122
30	K30FN-LD	STJAMES2 MN	157.3	APP	USERRECORD-01

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 4 WFTC

Before Analysis

Results for: 29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP
 HAAT 392.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3435958	36128.9
not affected by terrain losses	3424326	35636.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP
 HAAT 392.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3435958	36128.9
not affected by terrain losses	3424326	35636.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	807	45.6
lost to ATV IX only	807	45.6
lost to all IX	807	45.6

Potential Interfering Stations Included in above Scenario 1

30A MN STJAMES2 USERRECORD01 APP

Percent new IX = 0.0236%

Result key: 2
 Scenario 2 Affected station 4 WFTC
 Before Analysis

Results for: 29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP
 HAAT 392.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3435958	36128.9
not affected by terrain losses	3424326	35636.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP
 HAAT 392.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3435958	36128.9
not affected by terrain losses	3424326	35636.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	807	45.6
lost to ATV IX only	807	45.6
lost to all IX	807	45.6

Potential Interfering Stations Included in above Scenario 2

30A MN STJAMES2 USERRECORD01 APP

Percent new IX = 0.0236%

Worst case new IX 0.0236% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29IE-D	ST. JAMES MN	BLDTL	-20080528AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KHVM-LD	MANKATO MN	89.7	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	155.2	CP MOD	BMPDTL	-20090430ABW
28	K56GF	SIOUX FALLS SD	178.2	CP	BDISDTT	-20060330AHQ
29	K29IF-D	FROST MN	79.0	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	79.0	CP MOD	BMPDTL	-20080116AAN
29	K29EB	GRAND RAPIDS MN	371.1	CP	BDFCDTT	-20060331BGK
29	K29HU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	157.4	PLN	DTVPLN	-DTVP1069
29	WFTC	MINNEAPOLIS MN	157.4	CP MOD	BMPCDT	-20080311ABZ
29	K29GL	LINCOLN NE	410.4	CP	BDFCDTT	-20060330ACT
30	K30JL-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.7	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.4	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	0.3	CP	BPTTL	-20080604AAR
30	K30FN-LD	STJAMES2 MN	0.3	APP	USERRECORD-01	

Total scenarios = 8

Result key: 3

Scenario 1 Affected station 5 K29IE-D

Before Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC

HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	53182	4507.1
not affected by terrain losses	53182	4507.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50	18.7
lost to ATV IX only	50	18.7
lost to all IX	50	18.7

Potential Interfering Stations Included in above Scenario 1

HAAT	1.0 m, ATV ERP	1.5 kW	
			POPULATION AREA (sq km)
within Noise Limited Contour			53182 4507.1
not affected by terrain losses			53182 4507.1
lost to NTSC IX			0 0.0
lost to additional IX by ATV			23230 1838.1
lost to ATV IX only			23230 1838.1
lost to all IX			23230 1838.1

Potential Interfering Stations Included in above Scenario 2

29A MN FROST	BLDTL	20080505ABD	LIC
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN STJAMES2	USERRECORD01		APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2	USERRECORD01
ERP 15.00 kW HAAT	302.0 m RCAMSL 615.0 m
Antenna	none

Due to interference to the following station and scenario: 2

29D MN ST. JAMES	BLDTL	20080528AAZ
ERP 1.50 kW HAAT	1.0 m RCAMSL	496.0 m
Antenna CDB	9999999999999999	

Percent Service lost without proposal:	0.0	to BLDTL	20080528AAZ
Percent Service lost with proposal:	43.6	to BLDTL	20080528AAZ

Result key: 5
Scenario 3 Affected station 5 K29IE-D
Before Analysis

Results for: 29A MN ST. JAMES	BLDTL	20080528AAZ	LIC
HAAT 1.0 m, ATV ERP	1.5 kW		
		POPULATION	AREA (sq km)
within Noise Limited Contour		53182	4507.1
not affected by terrain losses		53182	4507.1
lost to NTSC IX		0	0.0
lost to additional IX by ATV		50	18.7
lost to ATV IX only		50	18.7
lost to all IX		50	18.7

Potential Interfering Stations Included in above Scenario 3

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN

After Analysis

Results for: 29A MN ST. JAMES	BLDTL	20080528AAZ	LIC
HAAT 1.0 m, ATV ERP	1.5 kW		
		POPULATION	AREA (sq km)
within Noise Limited Contour		53182	4507.1
not affected by terrain losses		53182	4507.1
lost to NTSC IX		0	0.0
lost to additional IX by ATV		23230	1838.1

lost to ATV IX only	23230	1838.1
lost to all IX	23230	1838.1

Potential Interfering Stations Included in above Scenario 3

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN STJAMES2	USERRECORD01		APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2	USERRECORD01
ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m	
Antenna none	

Due to interference to the following station and scenario: 3

29D MN ST. JAMES	BLDTL	20080528AAZ
ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m		
Antenna CDB 999999999999999		

Percent Service lost without proposal:	0.0	to BLDTL	20080528AAZ
Percent Service lost with proposal:	43.6	to BLDTL	20080528AAZ

Result key: 6
Scenario 4 Affected station 5 K29IE-D
Before Analysis

Results for: 29A MN ST. JAMES	BLDTL	20080528AAZ	LIC
HAAT 1.0 m, ATV ERP 1.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	53182	4507.1	
not affected by terrain losses	53182	4507.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	64	26.6	
lost to ATV IX only	64	26.6	
lost to all IX	64	26.6	

Potential Interfering Stations Included in above Scenario 4

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP

After Analysis

Results for: 29A MN ST. JAMES	BLDTL	20080528AAZ	LIC
HAAT 1.0 m, ATV ERP 1.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	53182	4507.1	
not affected by terrain losses	53182	4507.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	23230	1838.1	
lost to ATV IX only	23230	1838.1	
lost to all IX	23230	1838.1	

Potential Interfering Stations Included in above Scenario 4

29A MN FROST	BMPDTL	20080116AAN	CP
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29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP
30A MN STJAMES2 USERRECORD01 APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2 USERRECORD01
ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m
Antenna none

Due to interference to the following station and scenario: 4

29D MN ST. JAMES BLDTL 20080528AAZ
ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BLDTL 20080528AAZ
Percent Service lost with proposal: 43.6 to BLDTL 20080528AAZ

Result key: 7
Scenario 5 Affected station 5 K29IE-D
Before Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	53182	4507.1
not affected by terrain losses	53182	4507.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50	18.7
lost to ATV IX only	50	18.7
lost to all IX	50	18.7

Potential Interfering Stations Included in above Scenario 5

29A MN FROST BLDTL 20080505ABD LIC
29A MN MINNEAPOLIS DTVPLN DTVP1069 PLN

After Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	53182	4507.1
not affected by terrain losses	53182	4507.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23230	1838.1
lost to ATV IX only	23230	1838.1
lost to all IX	23230	1838.1

Potential Interfering Stations Included in above Scenario 5

29A MN FROST BLDTL 20080505ABD LIC
29A MN MINNEAPOLIS DTVPLN DTVP1069 PLN
30A MN STJAMES2 USERRECORD01 APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2 USERRECORD01
ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m

Antenna none

Due to interference to the following station and scenario: 5

29D MN ST. JAMES BLDTL 20080528AAZ
ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BLDTL 20080528AAZ
Percent Service lost with proposal: 43.6 to BLDTL 20080528AAZ

Result key: 8
Scenario 6 Affected station 5 K29IE-D
Before Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC
HAAT 1.0 m, ATV ERP 1.5 kW
POPULATION AREA (sq km)
within Noise Limited Contour 53182 4507.1
not affected by terrain losses 53182 4507.1
lost to NTSC IX 0 0.0
lost to additional IX by ATV 64 26.6
lost to ATV IX only 64 26.6
lost to all IX 64 26.6

Potential Interfering Stations Included in above Scenario 6

29A MN FROST BLDTL 20080505ABD LIC
29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP

After Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC
HAAT 1.0 m, ATV ERP 1.5 kW
POPULATION AREA (sq km)
within Noise Limited Contour 53182 4507.1
not affected by terrain losses 53182 4507.1
lost to NTSC IX 0 0.0
lost to additional IX by ATV 23230 1838.1
lost to ATV IX only 23230 1838.1
lost to all IX 23230 1838.1

Potential Interfering Stations Included in above Scenario 6

29A MN FROST BLDTL 20080505ABD LIC
29A MN MINNEAPOLIS BMPCDT 20080311ABZ CP
30A MN STJAMES2 USERRECORD01 APP

The following station failed the de minimis interference criteria.
30D MN STJAMES2 USERRECORD01
ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m
Antenna none

Due to interference to the following station and scenario: 6

29D MN ST. JAMES BLDTL 20080528AAZ
ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BLDTL 20080528AAZ
 Percent Service lost with proposal: 43.6 to BLDTL 20080528AAZ

Result key: 9
 Scenario 7 Affected station 5 K29IE-D
 Before Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC

HAAT	1.0 m, ATV ERP	1.5 kW	
			POPULATION AREA (sq km)
within Noise Limited Contour			53182 4507.1
not affected by terrain losses			53182 4507.1
lost to NTSC IX			0 0.0
lost to additional IX by ATV			50 18.7
lost to ATV IX only			50 18.7
lost to all IX			50 18.7

Potential Interfering Stations Included in above Scenario 7

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN

After Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC

HAAT	1.0 m, ATV ERP	1.5 kW	
			POPULATION AREA (sq km)
within Noise Limited Contour			53182 4507.1
not affected by terrain losses			53182 4507.1
lost to NTSC IX			0 0.0
lost to additional IX by ATV			23230 1838.1
lost to ATV IX only			23230 1838.1
lost to all IX			23230 1838.1

Potential Interfering Stations Included in above Scenario 7

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN STJAMES2	USERRECORD01		APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2 USERRECORD01
 ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m
 Antenna none

Due to interference to the following station and scenario: 7

29D MN ST. JAMES BLDTL 20080528AAZ
 ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
 Antenna CDB 9999999999999999

Percent Service lost without proposal: 0.0 to BLDTL 20080528AAZ
 Percent Service lost with proposal: 43.6 to BLDTL 20080528AAZ

Result key: 10

Scenario 8 Affected station 5 K29IE-D
Before Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC

HAAT 1.0 m, ATV ERP 1.5 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	53182	4507.1
not affected by terrain losses	53182	4507.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	64	26.6
lost to ATV IX only	64	26.6
lost to all IX	64	26.6

Potential Interfering Stations Included in above Scenario 8

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP

After Analysis

Results for: 29A MN ST. JAMES BLDTL 20080528AAZ LIC

HAAT 1.0 m, ATV ERP 1.5 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	53182	4507.1
not affected by terrain losses	53182	4507.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23230	1838.1
lost to ATV IX only	23230	1838.1
lost to all IX	23230	1838.1

Potential Interfering Stations Included in above Scenario 8

29A MN FROST	BMPDTL	20080116AAN	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN STJAMES2	USERRECORD01		APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2 USERRECORD01
ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m
Antenna none

Due to interference to the following station and scenario: 8

29D MN ST. JAMES BLDTL 20080528AAZ
ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
Antenna CDB 9999999999999999

Percent Service lost without proposal:	0.0	to BLDTL	20080528AAZ
Percent Service lost with proposal:	43.6	to BLDTL	20080528AAZ

Worst case new IX 43.6272% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K45EE	COUNCIL BLUFFS IA	BPTTL -20020828AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WOWT-TV	OMAHA NE	17.2	CP	BPCDT -20080611AAC
22	WOWT-TV	OMAHA NE	17.2	PLN	DTVPLN -DTVP0810
22	WOWT-TV	OMAHA NE	17.2	LIC	BLCDT -20050706AAA
28	KSIN-TV	SIOUX CITY IA	145.4	LIC	BLEDT -20050726AMC
28	KSIN-TV	SIOUX CITY IA	145.4	PLN	DTVPLN -DTVP1027
29	K29GL	LINCOLN NE	87.7	CP	BDFCDTT -20060330ACT
30	K30GD	GREAT BEND KS	401.1	APP	BDFCDTL -20090522ABV
30	K30GD	GREAT BEND KS	401.1	CP	BDFCDTT -20060331ACT
30	K30AL-D	IOLA KS	376.8	LIC	BLD TT -20090226ABD
30	K30JL-D	GRANITE FALLS MN	395.2	CP	BDCCDTL -20061018ADG
30	K30FN	ST. JAMES MN	332.9	CP	BPTTL -20080604AAR
30	K30FV	CAMBRIDGE NE	388.2	APP	BDFCDTT -20090513ACJ
30	K35FM	NORFOLK NE	152.9	LIC	BLTT -19871015IC
33	KBIN-TV	COUNCIL BLUFFS IA	0.0	LIC	BLEDT -20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	0.0	PLN	DTVPLN -DTVP1217
38	KXVO-DR	OMAHA NE	38.4	APP	BPRM -20080623ADT
38	KXVO	OMAHA NE	38.4	PLN	DTVPLN -DTVP1372
38	KXVO	OMAHA NE	38.4	CP	BPCDT -20090202AGZ
45	KMTV	OMAHA NE	17.0	APP	BMPCDT -20090514ACS
45	KMTV	OMAHA NE	17.0	PLN	DTVPLN -DTVP1624
45	KMTV	OMAHA NE	17.0	CP	BPCDT -19991026ABT
30	K30FN-LD	STJAMES2 MN	332.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30AF	ALEXANDRIA MN	BLTTL -19821122KC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KAWB	BRAINERD MN	93.4	APP	BPEDT -20080620AHQ
28	KAWB	BRAINERD MN	93.3	PLN	DTVPLN -DTVP1037
28	KAWB	BRAINERD MN	93.3	LIC	BLEDT -20030429AAJ
29	K29HU-D	GRANITE FALLS MN	125.8	CP	BDCCDTL -20061019ABE
30	NEW	DULUTH MN	272.0	APP	BSFDTL -20060630AIX
30	K30JL-D	GRANITE FALLS MN	125.8	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	200.2	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.8	LIC	BLDTL -20080904AGG
30	K30FN	ST. JAMES MN	213.7	CP	BPTTL -20080604AAR
30	K30FZ	WILLMAR MN	90.8	LIC	BLTT -20000920ADB

31	DK54AT	BRAINERD MN	93.4	CP	BDISDTT	-20060922ACP
30	K30FN-LD	STJAMES2 MN	213.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30DK	BEMIDJI MN	BLTT	-19920901IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KFTC	BEMIDJI MN	9.8	CP	BPCDT	-20080310ADP
26	KFTC	BEMIDJI MN	0.0	PLN	DTVPLN	-DTVP0953
28	KAWB	BRAINERD MN	119.5	APP	BPEDT	-20080620AHQ
28	KAWB	BRAINERD MN	119.5	PLN	DTVPLN	-DTVP1037
28	KAWB	BRAINERD MN	119.5	LIC	BLEDT	-20030429AAJ
29	K29EB	GRAND RAPIDS MN	108.3	CP	BDFCDTT	-20060331BGK
30	NEW	DULUTH MN	217.6	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	301.8	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	301.6	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	255.0	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	374.1	CP	BPTTL	-20080604AAR
31	DK54AT	BRAINERD MN	119.5	CP	BDISDTT	-20060922ACP
45	K45JE-D	HIBBING MN	140.9	CP	BDFCDTL	-20070329AGK
45	K45JE-D	HIBBING MN	139.9	APP	BMPDTL	-20081216BKW
30	K30FN-LD	STJAMES2 MN	374.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	NEW	DULUTH MN	BSFDTL	-20060630AIX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29EB	GRAND RAPIDS MN	114.1	CP	BDFCDTT	-20060331BGK
30	K30JL-D	GRANITE FALLS MN	346.9	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	220.2	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	195.7	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	354.9	CP	BPTTL	-20080604AAR
30	WHLA-TV	LA CROSSE WI	336.9	LIC	BMLEDT	-20041013AAL
30	WHLA-TV	LA CROSSE WI	336.9	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	183.1	CP	BDISDTT	-20060922ACP

31	WRPT	HIBBING MN	91.0	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	91.0	PLN	DTVPLN	-DTVP1144
31	K31GH	HAYWARD WI	103.8	CP	BDFCDTT	-20060331BGD
30	K30FN-LD	STJAMES2 MN	354.9	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.
30	K30JL-D	GRANITE FALLS MN	BDCCDTL -20061018ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	K29IF-D	FROST MN	188.8	LIC	BLDTL -20080505ABD
29	K29IF-D	FROST MN	188.8	CP MOD	BMPDTL -20080116AAN
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061019ABE
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL -20080528AAZ
30	NEW	DULUTH MN	346.9	APP	BSFDTL -20060630AIX
30	WTMS-LD	MINNEAPOLIS, ETC. MN	182.7	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	168.6	LIC	BLDTL -20080904AGG
30	K30FN	ST. JAMES MN	110.1	CP	BPTTL -20080604AAR
30	K30FZ	WILLMAR MN	58.2	LIC	BLTT -20000920ADB
30	WHLA-TV	LA CROSSE WI	352.9	LIC	BMLEDT -20041013AAL
30	WHLA-TV	LA CROSSE WI	352.9	PLN	DTVPLN -DTVP1122
31	DK54AT	BRAINERD MN	199.7	CP	BDISDTT -20060922ACP
31	K31JZ-D	JACKSON MN	141.5	CP	BDCCDTT -20070411ABT
31	K31JY-D	ST. JAMES MN	109.8	CP MOD	BMPDTL -20080512AFA
30	K30FN-LD	STJAMES2 MN	110.1	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.
30	WTMS-LD	MINNEAPOLIS, ETC. MN	BDCCDTL -20061010ANC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	K29IF-D	FROST MN	163.1	LIC	BLDTL -20080505ABD
29	K29IF-D	FROST MN	163.1	CP MOD	BMPDTL -20080116AAN
29	K29HU-D	GRANITE FALLS MN	182.7	CP	BDCCDTL -20061019ABE
29	WFTC	MINNEAPOLIS MN	14.8	PLN	DTVPLN -DTVP1069
29	WFTC	MINNEAPOLIS MN	14.8	CP MOD	BMPCDT -20080311ABZ
29	K29IE-D	ST. JAMES MN	142.7	LIC	BLDTL -20080528AAZ
30	NEW	DULUTH MN	220.2	APP	BSFDTL -20060630AIX
30	K30JL-D	GRANITE FALLS MN	182.7	CP	BDCCDTL -20061018ADG

30	KTCJ-LP	ST. CLOUD MN	47.1	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	142.6	CP	BPTTL	-20080604AAR
30	WWAZ-TV	COLUMBUS WI	378.6	APP	BDRTCT	-20090223ABW
30	WHLA-TV	LA CROSSE WI	199.5	LIC	BMLEDT	-20041013AAL
30	WHLA-TV	LA CROSSE WI	199.5	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	185.4	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	205.0	CP	BDCCDTT	-20070411ABT
31	WDMI-LP	MINNEAPOLIS MN	0.0	CP	BDISTTL	-20070622ADM
31	K31JY-D	ST. JAMES MN	142.7	CP MOD	BMPDTL	-20080512AFA
31	K31GH	HAYWARD WI	184.6	CP	BDFCDTT	-20060331BGD
30	K30FN-LD	STJAMES2 MN	142.6	APP	USERRECORD-01	

Total scenarios = 8

Result key: 11

Scenario 1 Affected station 11 WTMS-LD

Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	100852	963.9
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 1

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP

HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100988	965.8
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 1

29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12
 Scenario 2 Affected station 11 WTMS-LD
 Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	100852	963.9
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 2

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100988	965.8
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 2

29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 13
 Scenario 3 Affected station 11 WTMS-LD
 Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	156406	1797.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 3

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	156542	1799.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 3

29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 14
 Scenario 4 Affected station 11 WTMS-LD
 Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	156406	1797.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 4

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	156542	1799.7

lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 4

29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 15
 Scenario 5 Affected station 11 WTMS-LD
 Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	100852	963.9
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 5

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100988	965.8
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 5

29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 16
 Scenario 6 Affected station 11 WTMS-LD
 Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	100852	963.9
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 6

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	100988	965.8
lost to ATV IX only	100988	965.8
lost to all IX	100988	965.8

Potential Interfering Stations Included in above Scenario 6

29A MN MINNEAPOLIS	DTVPLN	DTVP1069	PLN
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 17
Scenario 7 Affected station 11 WTMS-LD
Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	156406	1797.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 7

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP

30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	156542	1799.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 7

29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 18
 Scenario 8 Affected station 11 WTMS-LD
 Before Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	136	2.0
lost to additional IX by ATV	156406	1797.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 8

30N MN ST. JAMES	BPTTL	20080604AAR	CP
29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN

After Analysis

Results for: 30A MN MINNEAPOLIS, ETC. BDCCDTL 20061010ANC CP
 HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2748098	8683.6
not affected by terrain losses	2748086	8682.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	156542	1799.7
lost to ATV IX only	156542	1799.7
lost to all IX	156542	1799.7

Potential Interfering Stations Included in above Scenario 8

29A MN MINNEAPOLIS	BMPCDT	20080311ABZ	CP
30A MN ST. CLOUD	BLDTL	20080904AGG	LIC
30A WI LA CROSSE	DTVPLN	DTVP1122	PLN
30A MN STJAMES2	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KTCJ-LP	ST. CLOUD MN	BLDTL	-20080904AGG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29IF-D	FROST MN	197.3	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	197.3	CP MOD	BMPDTL	-20080116AAN
29	K29EB	GRAND RAPIDS MN	222.3	CP	BDFCDTT	-20060331BGK
29	K29HU-D	GRANITE FALLS MN	168.6	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	47.2	PLN	DTVPLN	-DTVP1069
29	WFTC	MINNEAPOLIS MN	47.2	CP MOD	BMPCDT	-20080311ABZ
29	K29IE-D	ST. JAMES MN	159.4	LIC	BLDTL	-20080528AAZ
30	NEW	DULUTH MN	195.7	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	168.6	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	47.1	CP	BDCCDTL	-20061010ANC
30	K30FN	ST. JAMES MN	159.4	CP	BPTTL	-20080604AAR
30	WWAZ-TV	COLUMBUS WI	418.9	APP	BDRTCT	-20090223ABW
30	WHLA-TV	LA CROSSE WI	244.3	LIC	BMLEDT	-20041013AAL
30	WHLA-TV	LA CROSSE WI	244.3	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	138.3	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	223.8	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	159.4	CP MOD	BMPDTL	-20080512AFA
31	K31GH	HAYWARD WI	183.5	CP	BDFCDTT	-20060331BGD
30	K30FN-LD	STJAMES2 MN	159.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30FZ	WILLMAR MN	BLTT	-20000920ADB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	83.6	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0996
29	K29IF-D	FROST MN	196.7	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	196.7	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	58.2	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	122.8	LIC	BLDTL	-20080528AAZ
30	NEW	DULUTH MN	288.7	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	58.2	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	140.7	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	116.8	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	123.0	CP	BPTTL	-20080604AAR
30	WHLA-TV	LA CROSSE WI	328.4	LIC	BMLEDT	-20041013AAL
30	WHLA-TV	LA CROSSE WI	328.4	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	146.8	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	173.8	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	122.8	CP MOD	BMPDTL	-20080512AFA
45	K45KG-D	ST. JAMES MN	123.0	CP	BDCCDTL	-20061025AFD
30	K30FN-LD	STJAMES2 MN	123.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K35FM	NORFOLK NE	BLTT	-19871015IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WOWT-TV	OMAHA NE	136.2	CP	BPCDT	-20080611AAC
22	WOWT-TV	OMAHA NE	136.2	PLN	DTVPLN	-DTVP0810
22	WOWT-TV	OMAHA NE	136.2	LIC	BLCDDT	-20050706AAA
28	KSIN-TV	SIOUX CITY IA	102.0	LIC	BLEDT	-20050726AMC
28	KSIN-TV	SIOUX CITY IA	102.0	PLN	DTVPLN	-DTVP1027
29	K29GL	LINCOLN NE	157.4	CP	BDFCDTT	-20060330ACT
30	K45EE	COUNCIL BLUFFS IA	152.9	APP	BPTTL	-20020828AAW
30	K30JL-D	GRANITE FALLS MN	340.2	CP	BDCCDTL	-20061018ADG
30	K30FN	ST. JAMES MN	321.8	CP	BPTTL	-20080604AAR
30	K30FV	CAMBRIDGE NE	307.7	APP	BDFCDTT	-20090513ACJ
34	KUSD-TV	VERMILLION SD	122.8	CP	BPEDT	-20080618ABP
34	KUSD-TV	VERMILLION SD	122.8	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	122.8	LIC	BLEDT	-20060908AAD
38	KXVO-DR	OMAHA NE	142.1	APP	BPRM	-20080623ADT
38	KXVO	OMAHA NE	142.1	PLN	DTVPLN	-DTVP1372
38	KXVO	OMAHA NE	142.1	CP	BPCDT	-20090202AGZ
45	KMTV	OMAHA NE	136.5	APP	BMPCDT	-20090514ACS
45	KMTV	OMAHA NE	136.6	PLN	DTVPLN	-DTVP1624
45	KMTV	OMAHA NE	136.5	CP	BPCDT	-19991026ABT
30	K30FN-LD	STJAMES2 MN	321.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WHLA-TV	LA CROSSE WI	BMLEDT	-20041013AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WFTC	MINNEAPOLIS MN	197.1	PLN	DTVPLN	-DTVP1069
29	WFTC	MINNEAPOLIS MN	197.1	CP MOD	BMPCDT	-20080311ABZ
30	WMBD-TV	PEORIA IL	383.1	CP MOD	BMPCDT	-20060314ABP
30	WMBD-TV	PEORIA IL	383.1	PLN	DTVPLN	-DTVP1101
31	WFXS-DR	WITTENBERG WI	205.3	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	205.3	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	205.3	CP MOD	BMPCDT	-20081117ACB
30	K30FN-LD	STJAMES2 MN	260.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 19

Scenario 1 Affected station 15 WHLA-TV
Before Analysis

Results for: 30A WI LA CROSSE BMLEDT 20041013AAL LIC
HAAT 345.0 m, ATV ERP 307.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	447054	26715.8
not affected by terrain losses	423924	25577.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 30A WI LA CROSSE BMLEDT 20041013AAL LIC
HAAT 345.0 m, ATV ERP 307.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	447054	26715.8
not affected by terrain losses	423924	25577.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22	5.9
lost to ATV IX only	22	5.9
lost to all IX	22	5.9

Potential Interfering Stations Included in above Scenario 1

30A MN STJAMES2 USERRECORD01 APP

Percent new IX = 0.0052%

Result key: 20

Scenario 2 Affected station 15 WHLA-TV

Before Analysis

Results for: 30A WI LA CROSSE BMLEDT 20041013AAL LIC

HAAT 345.0 m, ATV ERP 307.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	447054	26715.8
not affected by terrain losses	423924	25577.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 30A WI LA CROSSE BMLEDT 20041013AAL LIC

HAAT 345.0 m, ATV ERP 307.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	447054	26715.8
not affected by terrain losses	423924	25577.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22	5.9
lost to ATV IX only	22	5.9
lost to all IX	22	5.9

Potential Interfering Stations Included in above Scenario 2

30A MN STJAMES2 USERRECORD01 APP

Percent new IX = 0.0052%

Worst case new IX 0.0052% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31EF	FROST MN	BLTTL	-19950314IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30JL-D	GRANITE FALLS MN	188.8	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	163.1	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	197.3	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	78.8	CP	BPTTL	-20080604AAR
31	DK54AT	BRAINERD MN	318.1	CP	BDISDTT	-20060922ACP

31	K31JZ-D	JACKSON MN	85.6	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	79.0	CP MOD	BMPDTL	-20080512AFA
31	K31GH	HAYWARD WI	334.0	CP	BDFCDTT	-20060331BGD
31	WFXS-DR	WITTENBERG WI	390.7	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	390.7	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	390.7	CP MOD	BMPCDT	-20081117ACB
32	K32HY-D	FROST MN	0.0	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	78.8	LIC	BLDTL	-20080505AAZ
46	KXLT-TV	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060615ABX
46	KXLT-TV	ROCHESTER MN	113.1	PLN	DTVPLN	-DTVP1649
30	K30FN-LD	STJAMES2 MN	78.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31JZ-D	JACKSON MN	BDCCDTT -20070411ABT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30JL-D	GRANITE FALLS MN	141.5	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	205.0	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	223.8	LIC	BLDTL -20080904AGG
30	K30FN	ST. JAMES MN	64.4	CP	BPTTL -20080604AAR
31	DK54AT	BRAINERD MN	316.1	CP	BDISDTT -20060922ACP
31	K31JY-D	ST. JAMES MN	64.3	CP MOD	BMPDTL -20080512AFA
31	K31GH	HAYWARD WI	388.4	CP	BDFCDTT -20060331BGD
32	K32HY-D	FROST MN	85.6	CP	BDCCDTL -20061020AAM
32	K32GX-D	ST. JAMES MN	64.4	LIC	BLDTL -20080505AAZ
30	K30FN-LD	STJAMES2 MN	64.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WDMI-LP	MINNEAPOLIS MN	BDISTTL -20070622ADM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KTCI-DR	ST. PAUL MN	14.8	APP	BPRM -20090424ADI
27	WHWC-TV	MENOMONIE WI	111.0	LIC	BLEDT -20040824AAF
27	WHWC-TV	MENOMONIE WI	111.0	PLN	DTVPLN -DTVP1017
29	WFTC	MINNEAPOLIS MN	14.8	PLN	DTVPLN -DTVP1069
29	WFTC	MINNEAPOLIS MN	14.8	CP MOD	BMPCDT -20080311ABZ
30	K30JL-D	GRANITE FALLS MN	182.7	CP	BDCCDTL -20061018ADG

30	WTMS-LD	MINNEAPOLIS, ETC. MN	0.0	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	47.1	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	142.6	CP	BPTTL	-20080604AAR
31	DK54AT	BRAINERD MN	185.4	CP	BDISDTT	-20060922ACP
31	WRPT	HIBBING MN	268.5	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	268.5	PLN	DTVPLN	-DTVP1144
31	K31JZ-D	JACKSON MN	205.0	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	142.7	CP MOD	BMPDTL	-20080512AFA
31	K31GH	HAYWARD WI	184.6	LIC	BLTTL	-20020729AAS
31	K31GH	HAYWARD WI	184.6	CP	BDFCDTT	-20060331BGD
31	WFXS-DR	WITTENBERG WI	299.2	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	299.2	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	299.2	CP MOD	BMPCDT	-20081117ACB
32	K32HY-D	FROST MN	163.1	CP	BDCCDTL	-20061020AAM
32	WCCO-TV	MINNEAPOLIS MN	14.2	LIC	BLCDDT	-20010921ABB
32	WCCO-TV	MINNEAPOLIS MN	14.2	PLN	DTVPLN	-DTVP1183
32	K32GX-D	ST. JAMES MN	142.6	LIC	BLDTL	-20080505AAZ
34	KTCA-TV	SAINT PAUL MN	14.8	LIC	BLEDT	-20060802AAO
34	KTCA-TV	ST. PAUL MN	14.8	PLN	DTVPLN	-DTVP1257
35	KSTP-TV	ST. PAUL MN	14.2	PLN	DTVPLN	-DTVP1297
35	KSTP-TV	ST. PAUL MN	14.2	CP	BPCDT	-20080321ABD
38	KTCI-DR	ST. PAUL MN	14.8	APP	BPRM	-20080620AFM
45	KSTC-TV	MINNEAPOLIS MN	14.2	CP	BPCDT	-20080321ABG
45	KSTC-TV	MINNEAPOLIS MN	14.2	PLN	DTVPLN	-DTVP1620
30	K30FN-LD	STJAMES2 MN	142.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31JY-D	ST. JAMES MN	BMPDTL	-20080512AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30JL-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.7	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.4	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	0.3	CP	BPTTL	-20080604AAR
31	DK54AT	BRAINERD MN	257.5	CP	BDISDTT	-20060922ACP
31	WRPT	HIBBING MN	385.5	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	385.5	PLN	DTVPLN	-DTVP1144
31	K31JZ-D	JACKSON MN	64.3	CP	BDCCDTT	-20070411ABT
31	K31GH	HAYWARD WI	327.2	CP	BDFCDTT	-20060331BGD
32	K32HY-D	FROST MN	79.0	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080505AAZ
30	K30FN-LD	STJAMES2 MN	0.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 21

Scenario 1 Affected station 19 K31JY-D
Before Analysis

Results for: 31A MN ST. JAMES BMPDTL 20080512AFA CP

HAAT 1.0 m, ATV ERP 1.5 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2543	188.2
lost to ATV IX only	2543	188.2
lost to all IX	2543	188.2

Potential Interfering Stations Included in above Scenario 1

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC

After Analysis

Results for: 31A MN ST. JAMES BMPDTL 20080512AFA CP

HAAT 1.0 m, ATV ERP 1.5 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22934	1762.2
lost to ATV IX only	22934	1762.2
lost to all IX	22934	1762.2

Potential Interfering Stations Included in above Scenario 1

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC
30A MN STJAMES2	USERRECORD01		APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2 USERRECORD01
ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m
Antenna none

Due to interference to the following station and scenario: 1

31D MN ST. JAMES BMPDTL 20080512AFA
ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal:	0.0	to BMPDTL	20080512AFA
Percent Service lost with proposal:	40.4	to BMPDTL	20080512AFA

Result key: 22
Scenario 2 Affected station 19 K31JY-D
Before Analysis

Results for: 31A MN ST. JAMES BMPDTL 20080512AFA CP

HAAT 1.0 m, ATV ERP 1.5 kW	POPULATION	AREA (sq km)
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within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2543	188.2
lost to ATV IX only	2543	188.2
lost to all IX	2543	188.2

Potential Interfering Stations Included in above Scenario 2

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC

After Analysis

Results for: 31A MN ST. JAMES BMPDTL 20080512AFA CP

HAAT 1.0 m, ATV ERP 1.5 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22934	1762.2
lost to ATV IX only	22934	1762.2
lost to all IX	22934	1762.2

Potential Interfering Stations Included in above Scenario 2

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC
30A MN STJAMES2	USERRECORD01		APP

The following station failed the de minimis interference criteria.

30D MN STJAMES2 USERRECORD01
 ERP 15.00 kW HAAT 302.0 m RCAMSL 615.0 m
 Antenna none

Due to interference to the following station and scenario: 2

31D MN ST. JAMES BMPDTL 20080512AFA
 ERP 1.50 kW HAAT 1.0 m RCAMSL 496.0 m
 Antenna CDB 999999999999999

Percent Service lost without proposal:	0.0	to BMPDTL	20080512AFA
Percent Service lost with proposal:	40.4	to BMPDTL	20080512AFA

Worst case new IX 40.4279% Scenario 1

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	K32DR	GRANITE FALLS MN	BLTTL -19940517JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30FN	ST. JAMES MN	110.1	CP	BPTTL	-20080604AAR
31	DK54AT	BRAINERD MN	199.7	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	141.5	CP	BDCCDTL	-20070411ABT
31	K31JY-D	ST. JAMES MN	109.8	CP MOD	BMPDTL	-20080512AFA
32	K32ID-D	DES MOINES IA	384.6	CP	BDCCDTL	-20061030AKM
32	K32HY-D	FROST MN	188.8	CP	BDCCDTL	-20061020AAM
32	WCCO-TV	MINNEAPOLIS MN	194.2	LIC	BLCDT	-20010921ABB
32	WCCO-TV	MINNEAPOLIS MN	194.2	PLN	DTVPLN	-DTVP1183
32	K32GX-D	ST. JAMES MN	110.1	LIC	BLDTL	-20080505AAZ
32	K53GC	NELIGH NE	364.8	CP	BDISDTT	-20060329ANK
33	K33JK-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	109.8	CP MOD	BMPDTL	-20080512AEZ
47	K47EA	GRANITE FALLS MN	0.0	LIC	BLTTL	-19930917JD
47	K47IC	MILBANK SD	118.0	CP	BDFCDTT	-20060331AYC
30	K30FN-LD	STJAMES2 MN	110.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	K33AB	SIBLEY, ETC. IA	BLTT	-19790731IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KTIN	FORT DODGE IA	121.1	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0915
30	K30FN	ST. JAMES MN	116.5	CP	BPTTL	-20080604AAR
32	K32HY-D	FROST MN	141.9	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAZ
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP1217
33	KAAL	MASON CITY IA	172.0	APP	BDRTCT	-20090515AAW
33	K33JK-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	116.4	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	307.1	CP	BDISDTT	-20071128AAS
33	K33AC-D	PAWNEE CITY NE	362.2	LIC	BLDTT	-20081114ACQ
33	K33GX	SPRINGFIELD SD	198.7	CP	BDFCDTT	-20060331BBJ
34	KBVK-LD	SPENCER IA	47.6	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	141.9	CP MOD	BMPDTL	-20080226AAO
34	K34JZ-D	FROST MN	141.9	LIC	BLDTL	-20080505ACC
34	K34JF-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	59.1	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAX
34	K34IB-D	DECATUR NE	162.5	LIC	BLDTT	-20081125APS
34	KUSD-TV	VERMILLION SD	98.3	CP	BPEDT	-20080618ABP
34	KUSD-TV	VERMILLION SD	98.3	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	98.3	LIC	BLEDT	-20060908AAD

36	KWSD	SIOUX FALLS SD	73.6	PLN	DTVPLN	-DTVP1347
36	KWSD	SIOUX FALLS SD	73.6	CP	BPCDT	-20080321ACM
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
41	KTIV	SIOUX CITY IA	101.2	PLN	DTVPLN	-DTVP1468
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDDT	-20050829AAT
47	KDLT-TV	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1691
48	K48KX-D	FROST MN	141.9	CP	BDCCDTL	-20061019ACR
30	K30FN-LD	STJAMES2 MN	116.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	K33AB	SIBLEY, ETC. IA	BPTT	-20060322ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KTIN	FORT DODGE IA	121.1	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0915
30	K30FN	ST. JAMES MN	116.5	CP	BPTTL	-20080604AAR
32	K32HY-D	FROST MN	141.9	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAZ
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP1217
33	KAAL	MASON CITY IA	172.0	APP	BDRTCT	-20090515AAW
33	K33JK-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	116.4	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	307.1	CP	BDISDTT	-20071128AAS
33	K33AC-D	PAWNEE CITY NE	362.2	LIC	BLDTT	-20081114ACQ
33	K33GX	SPRINGFIELD SD	198.7	CP	BDFCDTT	-20060331BBJ
34	KBVK-LD	SPENCER IA	47.6	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	141.9	CP MOD	BMPDTL	-20080226AAO
34	K34JZ-D	FROST MN	141.9	LIC	BLDTL	-20080505ACC
34	K34JF-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	59.1	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAX
34	K34IB-D	DECATUR NE	162.5	LIC	BLDTT	-20081125APS
34	KUSD-TV	VERMILLION SD	98.3	CP	BPEDT	-20080618ABP
34	KUSD-TV	VERMILLION SD	98.3	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	98.3	LIC	BLEDT	-20060908AAD
36	KWSD	SIOUX FALLS SD	73.6	PLN	DTVPLN	-DTVP1347
36	KWSD	SIOUX FALLS SD	73.6	CP	BPCDT	-20080321ACM
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
41	KTIV	SIOUX CITY IA	101.2	PLN	DTVPLN	-DTVP1468
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDDT	-20050829AAT
47	KDLT-TV	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1691
48	K48KX-D	FROST MN	141.9	CP	BDCCDTL	-20061019ACR
30	K30FN-LD	STJAMES2 MN	116.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	K34HO	WILLMAR MN	BLTTL	-20040901ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	83.6	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0996
30	K30FN	ST. JAMES MN	122.9	CP	BPTTL	-20080604AAR
33	K33JK-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	122.8	CP MOD	BMPDTL	-20080512AEZ
34	KEFB	AMES IA	369.3	PLN	DTVPLN	-DTVP1249
34	KEFB	AMES IA	369.3	CP	BPEDT	-20080808ABH
34	KBVK-LD	SPENCER IA	215.3	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	196.7	CP MOD	BMPDTL	-20080226AAO
34	K34JZ-D	FROST MN	196.7	LIC	BLDTL	-20080505ACC
34	K34JF-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	173.8	CP	BDCCDTL	-20070503AAV
34	KTCA-TV	SAINT PAUL MN	151.0	LIC	BLEDT	-20060802AAO
34	K34JX-D	ST. JAMES MN	122.9	LIC	BLDTL	-20080505AAX
34	KTCA-TV	ST. PAUL MN	151.0	PLN	DTVPLN	-DTVP1257
34	K34IR-D	WALKER MN	217.2	CP	BDCCDTT	-20060929BHS
34	K34IB-D	DECATUR NE	364.6	LIC	BLDTT	-20081125APS
34	KUSD-TV	VERMILLION SD	273.1	CP	BPEDT	-20080618ABP
34	KUSD-TV	VERMILLION SD	273.1	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	273.1	LIC	BLEDT	-20060908AAD
35	K35IU-D	FROST MN	196.7	CP	BDCCDTL	-20061020AAL
35	NEW	ST. PAUL MN	140.6	APP	BDCCDTL	-20061030AMP
35	K35GR	BADGER SD	188.8	CP	BDFCDTT	-20060331AZR
42	KSAX	ALEXANDRIA MN	60.2	PLN	DTVPLN	-DTVP1508
42	KSAX	ALEXANDRIA MN	60.2	CP MOD	BMPCDT	-20090415AIU
49	K49KM-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20070517AAB
30	K30FN-LD	STJAMES2 MN	122.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30FN-LD	STJAMES2 MN	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29IF-D	FROST MN	78.8	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	78.8	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080528AAZ
30	NEW	DULUTH MN	354.9	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.6	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.4	LIC	BLDTL	-20080904AGG
30	WHLA-TV	LA CROSSE WI	260.4	LIC	BMLEDT	-20041013AAL
30	WHLA-TV	LA CROSSE WI	260.4	PLN	DTVPLN	-DTVPL122
31	K31JZ-D	JACKSON MN	64.4	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	0.3	CP MOD	BMPDTL	-20080512AFA

Total scenarios = 1

Result key: 23
Scenario 1 Affected station 24 K30FN-LD
Before Analysis

Results for: 30A MN STJAMES2 USERRECORD01 APP

HAAT 302.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	159639	9993.0
not affected by terrain losses	159639	9993.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23	1.0
lost to ATV IX only	23	1.0
lost to all IX	23	1.0

Potential Interfering Stations Included in above Scenario 1

29A MN ST. JAMES BLDTL 20080528AAZ LIC

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