

Summary Study

1990 Census data selected
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-20-2009 Time: 11:05:24

Record Selected for Analysis

K53A0 USERRECORD-01 OLIVIA MN US
Channel 18 ERP 1. kW HAAT 152. m RCAMSL 00485 m SIMPLE MASK
Latitude 044-45-33 Longitude 0094-52-23
Status APP Zone 2 Border
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 280.
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	0.005	145.3	9.7
45.0	0.004	147.8	9.5
90.0	0.010	156.6	11.9
135.0	0.001	150.7	6.6
180.0	0.004	152.7	9.3
225.0	0.119	156.1	22.4
270.0	0.922	156.0	32.8
315.0	0.416	148.3	28.2

Contour Overlap to Proposed Station

K18DI Station
18 GRANITE FALLS MN BLTTL19910227KA causes

Contour overlap to Digital LPTV station
K53A0 18 OLIVIA MN USERRECORD01
Required D/U ratio: 2.0

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station	ARN
18	Call City/State K53AO OLIVIA MN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14LZ	ALEXANDRIA, ETC. MN	138.0	LIC	BLTTL	-20041229AAY
14	K61AU	GRANITE FALLS MN	56.0	CP	BDISTTL	-20060720ADG
14	K14KH	MINNEAPOLIS MN	128.4	LIC	BLTTA	-20040722ABJ
14	K14KE	ST. JAMES MN	75.6	CP	BPTTL	-20080602AHF
14	K14KE	ST. JAMES MN	75.6	LIC	BLTT	-20020614AAX
14	K14LF	WILLMAR MN	47.2	LIC	BLTT	-20030311ARO
15	DK69DA	LITTLE FALLS MN	129.2	CP	BDISTT	-20060327ADM
16	K16CO	ALEXANDRIA MN	138.0	LIC	BLTTL	-19911226IB
16	K16CP	GRANITE FALLS MN	56.0	LIC	BLTTL	-19910227JZ
16	K16GL	JACKSON MN	128.8	LIC	BLTT	-20051005AAQ
16	K16CG	ST. JAMES MN	75.6	LIC	BLTTL	-19970507JJ
16	K16CG	ST. JAMES MN	75.6	CP	BPTTL	-20080602AHH
17	K17IR-D	SPENCER IA	167.3	CP	BDCCDTL	-20070504ABQ
17	K17IU	FAIRMONT MN	129.4	CP	BNPTTL	-20000830BJO
17	K17HZ-D	GRANITE FALLS MN	56.0	CP	BDCCDTL	-20061018ADH
17	K17IS-D	JACKSON MN	128.8	CP	BDCCDTL	-20070517AAF
17	K17BV	REDWOOD FALLS MN	24.4	LIC	BLTTL	-19880728IA
17	K17IC-D	ST. JAMES MN	75.8	CP	BDCCDTL	-20061020ABK
17	KTCI-TV	ST. PAUL MN	141.6	LIC	BMLET	-20050322AGC
17	K17FE	WADENA MN	181.9	APP	BMPTT	-20020926ABP
17	K17FE	WADENA MN	181.9	LIC	BLTT	-20021223AAH
17	K17FA	WILLMAR MN	47.2	LIC	BLTT	-20020213AAR
17	KTTW	SIOUX FALLS SD	206.5	LIC	BLCT	-19920703KE
18	960912KE	CARROLL IA	301.3	APP	BPET	-19960912KE
18	KYIN	MASON CITY IA	224.0	CP	BPEDT	-20080620AFL
18	KYIN	MASON CITY IA	224.0	LIC	BLEDT	-20070924AFU
18	K4OCO	STORM LAKE IA	232.6	CP	BDFCDTL	-20060331AQR
18	K4OCO	STORM LAKE IA	232.6	CP	BDISDTT	-20071019AIH
18	K18DG	ALEXANDRIA MN	138.0	LIC	BLTTL	-19911226IC
18	KAWF	BEMIDJI MN	328.3	LIC	BLEDT	-20040120AEA
18	K18DI	GRANITE FALLS MN	56.0	LIC	BLTTL	-19910227KA
18	K18HP	JACKSON MN	128.8	LIC	BLTTL	-20051005AAM
18	K18GF	LITTLE FALLS MN	136.8	LIC	BLTTL	-20041109AAM
18	K18IH-D	ST. JAMES MN	75.6	CP	BDCCDTT	-20070521ACJ
18	NEW	WINDOM MN	99.1	APP	BNPTTL	-20000830BKC
18	KJRR-DR	JAMESTOWN ND	386.0	LIC	BPRM	-20000328ABT
18	KCWP-LD	NORFOLK NE	363.6	CP	BDCCDTL	-20061030ASI
18	NEW	OMAHA NE	399.6	APP	BDCCDTL	-20070419ADW
18	KESD-TV	BROOKINGS SD	192.3	LIC	BLEDT	-20051208ADT
18	WQOW-TV	EAU CLAIRE WI	268.8	LIC	BLCT	-20000728AEE
18	WQOW-TV	EAU CLAIRE WI	268.8	APP	BSTA	-20080325ACA
19	K19GW-D	FROST MN	150.6	CP MOD	BMPDTL	-20080226ABI
19	K19GW-D	FROST MN	150.6	LIC	BLDTL	-20080505ACD
19	K19GU-D	GRANITE FALLS MN	56.0	CP	BDCCDTL	-20061019ABC
19	K19FO	JACKSON MN	128.8	LIC	BLTT	-20040506AAH
19	K19CV	REDWOOD FALLS MN	24.4	LIC	BLTTL	-19920505IN
19	K19BG	ST. CLOUD MN	98.1	LIC	BLTTL	-19870921IE
19	K19BG	ST. CLOUD MN	98.1	CP	BDFCDTT	-20060313ACO
19	K19CA	ST. JAMES MN	75.6	LIC	BLTTL	-19910619IQ
19	K19ER	ST. PAUL MN	128.4	LIC	BLTTL	-20030321AAM
19	K19ER	ST. PAUL MN	128.4	CP	BPTTL	-20060214ADS
19	K19ER	ST. PAUL MN	128.4	APP	BSTA	-20060214ADW
20	K20GD	WILLMAR MN	47.2	LIC	BLTT	-20020212AAD
20	KSMN	WORTHINGTON MN	128.3	LIC	BLET	-19970224KH
21	K21GN	ALEXANDRIA MN	138.0	LIC	BLTTL	-20041229ABH
21	K21AK	APPLETON MN	100.0	LIC	BLTTL	-19980909JB
21	K21DG	ST. JAMES MN	75.6	CP	BPTTL	-20080602AHI
21	K21DG	ST. JAMES MN	75.6	LIC	BLTTL	-19970507JR

22	K22D0	GRANITE FALLS MN	56.0	LIC	BLTTL	-19910227KB
25	K65BA	GRANITE FALLS MN	56.0	CP	BDISTTL	-20060720ADE
25	K251A	MINNEAPOLIS MN	128.4	LIC	BLTT	-20041213AAL
25	K251I	REDWOOD FALLS MN	24.0	LIC	BLTT	-20050128ARO
26	K26CL	ALEXANDRIA MN	138.0	LIC	BLTTL	-19891229IB
26	K26DG	GRANITE FALLS MN	56.0	LIC	BLTTL	-19910227KD
26	K53HR	JACKSON MN	128.8	CP	BDISTTL	-20060912AEP
26	K26CS	ST. JAMES MN	75.6	LIC	BLTT	-20050908ACF
26	K26CS	ST. JAMES MN	75.6	CP	BPTTL	-20080602AHK

%%%

Study of this proposal found the following interference problem(s):

NONE.