

Summary Study

1990 Census data selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-10-2008 Time: 08:26:53

Record Selected for Analysis

K34IB-D. USERRECORD-01 DECATUR NE US  
Channel 34 ERP 0.03 kW HAAT 50. m RCAMSL 00388 m SIMPLE MASK  
Latitude 042-00-21 Longitude 0096-15-25  
Status APP Zone 2 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth  
87.  
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	0.017	68.3	9.1
45.0	0.025	67.5	10.0
90.0	0.029	69.4	10.5
135.0	0.029	71.5	10.6
180.0	0.014	33.0	6.1
225.0	0.000	33.0	1.8
270.0	0.000	33.0	1.8
315.0	0.000	33.0	1.8

Contour Overlap to Proposed Station

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 quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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# Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
34	K34IB-D.	DECATUR NE	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
19	KXNE-TV	NORFOLK NE	88.0	LIC	BLET	-
20040413ABI						
26	KYNE-TV	OMAHA NE	85.7	LIC	BLET	-
19801016KG						
27	KSIN-TV	SIOUX CITY IA	56.7	LIC	BMLET	-
20021219AAC						
27	K27GX	LINCOLN NE	132.8	LIC	BLTTL	-
20020920AAY						
30	K35FM	NORFOLK NE	90.8	LIC	BLTT	-
19871015IC						
31	K31EN	COLUMBUS, ETC NE	87.1	LIC	BLTTL	-
19950807JC						
31	K31DP	YANKTON SD	123.9	LIC	BLTT	-
19930728JD						
32	KBIN-TV	COUNCIL BLUFFS IA	90.6	LIC	BLET	-
19860923KL						
33	KBIN-TV	COUNCIL BLUFFS IA	90.6	LIC	BLEDT	-
20050711ABX						
33	K33AB	SIBLEY, ETC. IA	162.5	LIC	BLTT	-
19790731IA						
33	K33AB	SIBLEY, ETC. IA	162.5	CP	BPTT	-
20060322ACK						
33	K33EM	COLUMBUS, ETC. NE	87.1	LIC	BLTTL	-
19950807JD						
33	K33AC	PAWNEE CITY NE	202.7	CP	BDFCDTT	-
20060328AGP						
33	K33AC	PAWNEE CITY NE	202.7	LIC	BLTT	-
19790523IA						
33	K33GX	SPRINGFIELD SD	167.1	LIC	BLTTL	-
20020515AAF						
33	K33GX	SPRINGFIELD SD	167.1	CP	BDFCDTT	-
20060331BBJ						
34	960701KE	AMES IA	208.0	APP	BPET	-
19960701KE						
34	960930KE	AMES IA	207.9	APP	BPET	-
19960930KE						
34	KEFB	AMES IA	208.0	LIC	BLET	-
20051125ACY						
34	960222KF	AMES IA	221.4	APP	BPET	-
19960222KF						

