

Summary Study

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-10-2008 Time: 21:11:39

Record Selected for Analysis

KUONTV-D USERRECORD-01 LINCOLN NE US
Channel 12 ERP 13. kW HAAT 252. m RCAMSL 00608 m
Latitude 041-08-18 Longitude 0096-27-20
Status APP Zone 1 Border
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	13.000	235.5	91.2
45.0	13.000	259.8	92.7
90.0	13.000	265.3	92.9
135.0	13.000	275.6	93.3
180.0	13.000	259.8	92.7
225.0	13.000	242.1	91.7
270.0	13.000	233.7	91.1
315.0	13.000	246.6	92.0

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

No spacing violations found to other full service stations

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

Start of Interference Analysis

	Proposed Station		
Channel	Call	City/State	ARN
12	KUONTV-D	LINCOLN NE	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
11	KGIN	GRAND ISLAND NE	206.6	LIC	BLCT	-1143
11	KGIN	GRAND ISLAND NE	206.6	CP	BPCT	-
20050315AFL						
12	KWCH-TV	HUTCHINSON KS	360.0	LIC	BMLCT	-
20040826AAF						
12	KEYC-TV	MANKATO MN	353.2	LIC	BLCT	-2071
12	KSNK-DT	MCCOOK NE	387.2	PLN	DTVPLN	-
DTVP0103						
12	KTTM	HURON SD	372.2	LIC	BLCT	-
19940523KE						
13	KHGI-TV	KEARNEY NE	209.6	LIC	BMLCT	-
20020107ABG						

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

NONE.