

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

| Channel | Proposed Station 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 | | | | | | |

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

NONE.