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Engineering Statement
in support of a
Digital Companion Channel for K06AM
Channel 06, Cimarron CO
Gunnison County Metropolitan Recreation District

BACKGROUND

The applicant requests a digital companion channel for K06AM (BLTTV4861) to a new location because the current service area is now covered by full service DTV signals from Grand Junction. The move is approximately 21km to the southeast of K06AM's current location. There is no direct, primary TV service to the Gateview area. There are only two translators serving this area.

This location change will insure that the under-served population in Gateview, CO will receive free, over-the-air television service from another translator.

INTERFERENCE CONSIDERATIONS

Interference to the following station(s) was/were studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69 as described above.¹ Population loss for full service TV and Class A or analog stations is less than 0.5% and less than 2% for any LPTV or translator DTV station. Cell size for service analysis is 1.0 km/side and distance increments for Longley-Rice Analysis is 1.0 km

FULL SERVICE DTV, Class A, and LPTV & LPDT STATIONS
None

Prepared By:
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¹ The analysis was performed on a Sun "Blade" Computer using the exact replica of the FCC program. Population losses of less than 0.5% are not reported in detail. Only an indication of no interference is shown.