

INTERFERENCE ANALYSIS  
PROPOSED KDEV-DT  
CHANNEL 11 - CHEYENNE, WYOMING

I conducted detailed interference studies using the methodology and Longley-Rice parameters as outlined in OET Bulletin 69. My Longley-Rice studies of the interference effect of this proposal utilize a 2-kilometer cell size, while calculating the signal strength at 1-kilometer increments along each radial, and they employ the 2000 U.S. Census.

The results of my studies indicate that the facility proposed herein would not contribute in excess of 0.5% of new interference over that of the allotted KDEV-DT facility to the service population of any post-transition DTV stations. My studies also indicate that the proposed KDEV-DT facility would not cause new interference in excess of 0.5% to the population within the protected contour of any Class A low power television station. The changes in interference created by the proposed facility are summarized in Exhibit D-2.

As my results show, this proposal complies with the Commission's de minimis standard for interference from post-transition DTV facilities.

INTERFERENCE SUMMARY

PROPOSED KDEV-DT  
CHANNEL 11 - CHEYENNE, WYOMING

<u>Call Sign</u>	<u>City, State</u>	<u>Ch.</u>	<u>Longley-Rice Service Population</u>	<u>Interference From Proposal Over That of Allotted Facility</u>	<u>%</u>
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KKTV-DT	Colorado Springs, CO	10	2,057,949	6,239	0.3