

B. W. St. Clair

Interference Exhibit - Engineering Statement
in support of a
Minor Change to a Licensed Station, BLTT1715
Channel 60, Redwood Falls, MN
REDWOOD FALLS TV IMPROVEMENT CORP.

BACKGROUND

Applicant has been notified that Access Spectrum, LLC expects Redwood Falls TV to vacate channel 60 so a guard band data relay system can be implemented in the Redwood Falls area on or about 17 July 2006. Access Spectrum's VP of Engineering, Charles Ellis, believes that the current LPTV service and the data relay systems cannot co-exist on channel 60. The applicant believes that the forced evacuation from channel 60 qualifies this application as a displacement under the minor change FCC rules. Additionally, this application will displace this station into the core channel group.

Redwood Falls TV Improvement Corp is applying for channel 50 with a plus (+) offset. The ERP increases slightly, but the other parameters remain the same.

INTERFERENCE ANALYSIS

Interference to the following station was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69.¹ Population loss for this stations is less than 0.5%. Cell size for service analysis is 1.0 km/side and distance increments for Longley-Rice Analysis is 1.0 km

FULL SERVICE TV STATION

BLCDT20020103AAM KSTP-DT, Chan. 50

St. Paul, MN

Prepared By:
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07 July 2006

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.