

B. W. St. Clair

Exhibit 6
Additional Engineering Statement
in support of a Minor Change to a Licensed Facility
BLTT-20021230AAX, K47HB Channel 47
University of Utah

BACKGROUND

Applicant holds a license for the operation of K47HB at the present time. A minor change to change the antenna to an omni pattern is proposed.

Additional Interference Considerations

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bul 69.¹

BLCT-20030417AAN, KCBU, Channel 32, Provo, UT
BLCDT-20021106ABD, KJZZ-TV, Channel 46, Salt Lake City, UT
BLCDT-20020422AAQ, KUWB, Channel 48, Ogden, UT
BLTT-19820921IN, K47AN, Channel 47, Duchesne, UT
BPTT-20000731ADG, K48EI, Channel 47, Huntsville, Liberty, UT
BLTT-20030908AAE, K47HW, Channel 47, Logan, UT
BMPTT-20020819AAP, K47HW, Channel 47, Logan, UT
BNPTTL-20000828BGZ, New Channel 47, Newton, UT
BLTT-20030807AGQ, K47GP, Channel 47, Price, UT
BPTT-20000731ADX, K23DR, Channel 47, Roosevelt, UT

Population loss less than 0.5%

Respectfully submitted,



¹ The analysis was performed on a Sun "Blade" computer using the exact replica of the FCC program. Population losses of less than 5% are not reported in detail. Only an indication of no interference is shown.

B. W. St. Clair
Engineering Consultant
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