

EXHIBIT E

INTERFERENCE STUDY  
PROPOSED KEYU-DT  
CHANNEL 31 – AMARILLO, TEXAS  
[MODIFICATION OF BMPCDT-20040107ABA]

The instant application specifies an ERP of 700 kw (directional) at 306 meters, which we have determined to be allowable under the FCC's *de minimis* standards with respect to various NTSC and DTV facilities.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe II" computer program, which has been found generally to mimic the FCC's program. In conducting our studies, we employed a signal resolution of 2 kilometers and an increment spacing of 1.0 kilometer along each radial. In addition, we utilized the 1990 U.S. Census.

The study concludes that the proposed KEYU-DT facility would not contribute any interference to the service population of any potentially affected NTSC or DTV station. In addition, this proposal does not cause predicted interference to any Class-A LPTV station.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.