

## **ENGINEERING STATEMENT OF JOEL T. SAXBERG**

**This application for minor modification of licensed main transmitter facilities was prepared for Parallel Broadcasting, Inc., licensee of FM station KBHR, Channel 227A, Big Bear City, California by Broadcast Engineering and Equipment Maintenance Company, "BEEM CO." Parallel is proposing to increase tower height by forty feet, increase HAAT, and decrease ERP.**

**RADIOFREQUENCY ELECTROMAGNETIC FIELDS – Calculations using "worst case" equations indicate radiofrequency electromagnetic fields at two meters above the tower base to be less than 0.14 mW/cm<sup>2</sup>. Actual values are expected to be substantially lower due to reduced downward electromagnetic fields. When necessary for tower worker to work on the tower, KBHR will reduce power or terminate transmissions in order to insure that tower workers are not exposed to levels in excess of REF guideline levels.**