

ENGINEERING STATEMENT OF JOEL T. SAXBERG

This application for one-step upgrade (Class C3 to Class C1) and channel change (Channel 241 to Channel 242) was prepared for Dalhart Radio, Inc., licensee of FM station KXIT-FM, Dalhart, Texas, by Broadcast Engineering and Equipment Maintenance Company, "BEEM Co". At the coordinates specified herein, this class C1 allocation meets all of the separation requirements of §73.207.

RADIOFREQUENCY ELECTROMAGNETIC FIELDS – Using the FCC FMMODEL program, a center of radiation height of 133 meters (allowance for a two meter height person), an ERP of 200 kW (H+V combined), and a Jampro double Vee or ERI/Jampro rototiller style (one lambda spaced) antenna, a maximum power density of 0.037 mW/cm² is shown at a distance of approximately 32 meters from the tower base. The FMMODEL program shows compliance at and around the site with both uncontrolled and controlled FCC guideline levels. When necessary for tower workers to go aloft, the licensee agrees to reduce or terminate transmissions as necessary to protect personnel from levels in excess of FCC guidelines.