

**ENGINEERING EXHIBIT
APPLICATION FOR MODIFICATION OF LICENSE
KBTQ-FM
TICHENOR LICENSE CORPORATION
HARLINGEN, TEXAS
Channel 241C**

This exhibit and statement were prepared on behalf of Tichenor License Corporation. Tichenor wishes to modify the coordinates of the license of this facility to match those of the tower registration of the site. This is in full compliance with 73.1690C(11) as there is no change to the physical location of the tower, there are no changes to the height or operating parameters, and the licensed coordinates are within three seconds of the registered coordinates. The difference between the licensed location and the registered location is approximately 40 Meters. Both sets of coordinates are fully spaced to all licensees, applications, and allotments. The licensed coordinates are: 26°-08'-55" North Latitude 97°-49'-17" West Longitude in NAD27 datum. The tower registration for this site is 1048835. The correct coordinates for this tower in NAD27 datum are: 26°-08'-55.7" North Latitude 97°-49'-18" West Longitude. The license should be modified to specify these coordinates.

Operation of the facility was evaluated in terms of a potential radio frequency radiation hazard to the general population and workers at ground level in accordance with OET Bulletin 65, "Evaluating Compliance With FCC Guidelines For Human Exposure To Radiofrequency Electromagnetic Fields", Edition 97-01. The radiation center of the antenna is 299 Meters above ground level. This is an antenna type described as "Jampro double V", twelve bay, full wave spaced. It was determined using the OET FM Model software that the maximum contribution from this antenna at two meters above ground level would be 6.6 microwatts/centimeter² or 3.3% of the maximum permitted exposure level for the general population, uncontrolled exposure level. This is well below 5% of the uncontrolled general population exposure level and exempts the applicant from further study. This level occurs at 56 meters from the base of the tower, which is within the fenced, restricted area around the base of the tower. The site has signs posted warning of R.F. Hazards to climbers.