

Comprehensive Engineering Exhibit
Minor Modification of KDJM
Facility ID No 164240 Lindsborg, Kansas

By this application Radioactive LLC is applying to relocate the facilities of KDJM to a different area tower, lower the HAAT and increase the effective radiated power.

The applicant wishes to locate the KDJM antenna to an antenna structure with the ASR registration of 1286550. Coordinates were converted from NAD 83 to NAD 27 using the NGS Coordinate Conversion and Transformation tool. (NCAT). From this location, the facility will be fully spaced in accordance with Section 73.207 to all known allocations, authorizations, and applications. KDJM is requesting 25kw at 63 meters HAAT.

The proposed facility was evaluated for potential radio frequency radiation exposure using the RF Worksheet #1. Using this worst case method, KDJM will be at 37% of the controlled occupational exposure limit. Further, the applicant will see that signs are posted in the vicinity of the tower, warning of the potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power, or discontinue operation, as necessary to limit human exposure to levels less than those specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.