

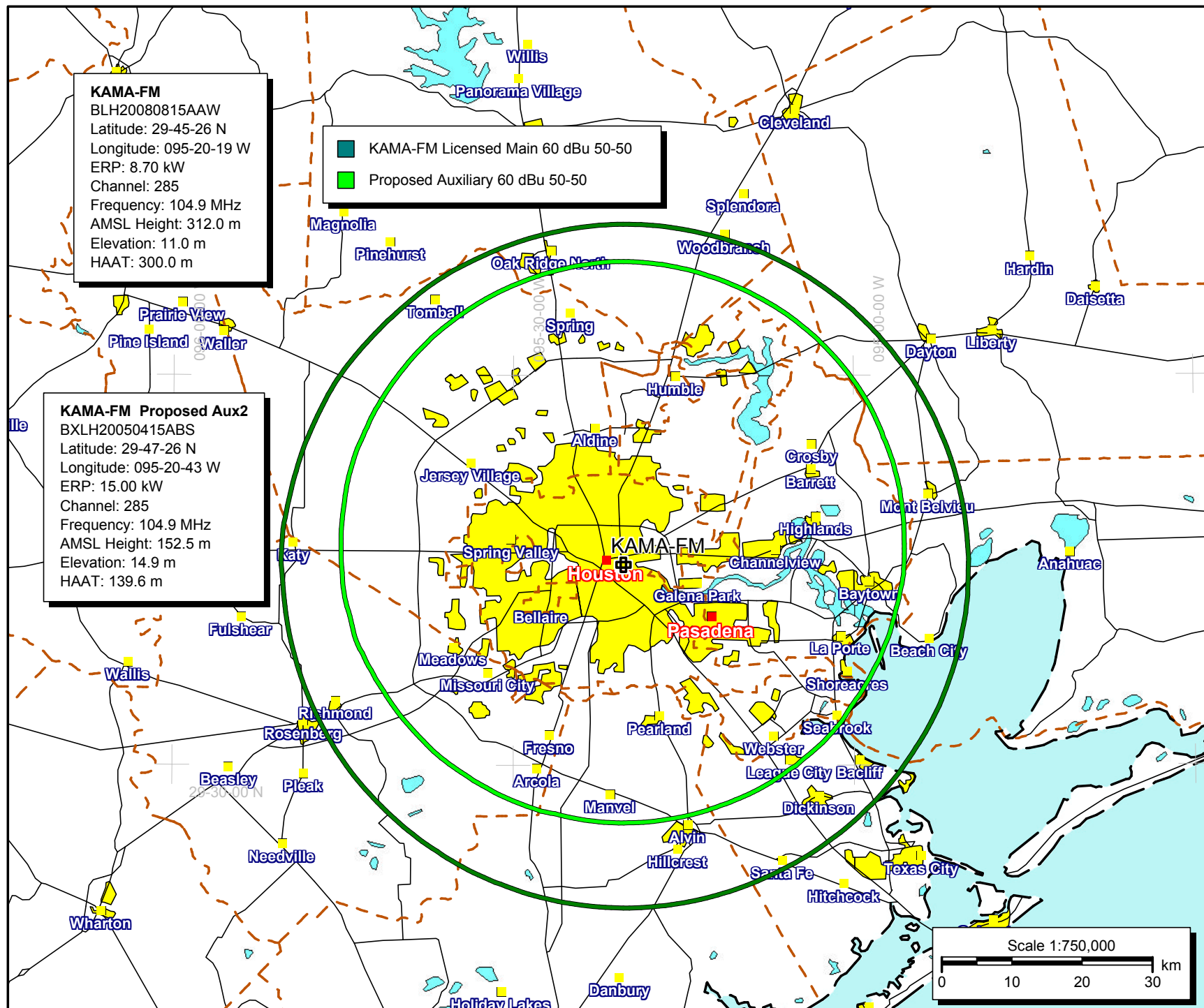
**TICHENOR LICENSE CORPORATION
KAMA-FM
DEER PARK, TEXAS
APPLICATION TO MODIFY AUXILIARY FACILITY
FORM 301FM
Facility ID: 57806**

PURPOSE OF APPLICATION

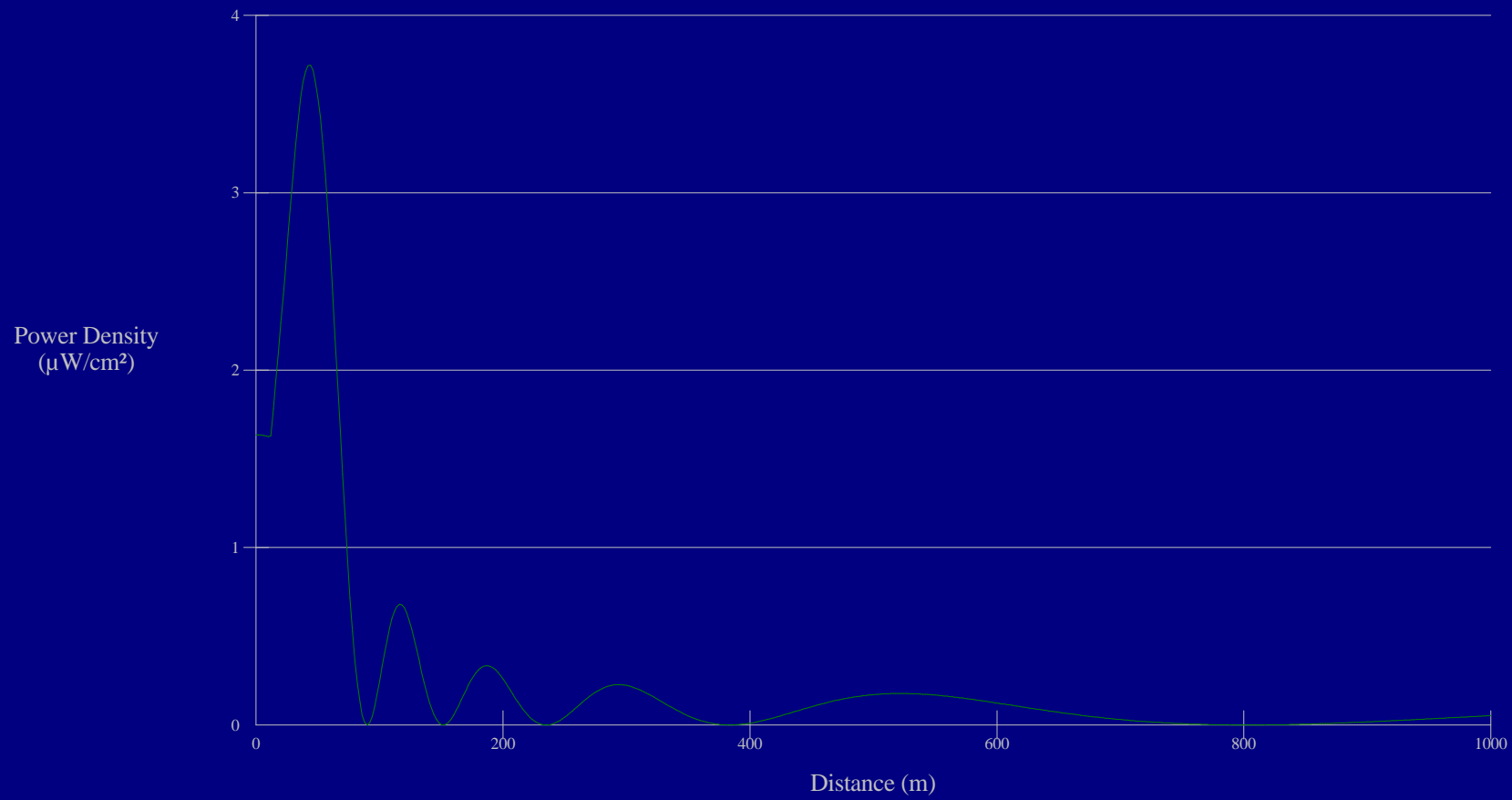
Tichenor License Corporation ("TLC") seeks to modify an existing licensed auxiliary facility for KAMA-FM, previously licensed as BXLH-20050415ABS. TLC proposes to increase the power of this existing facility from 7.2 kW H&V to 15 kW H&V. This increase is made possible by a recent upgrade of the KAMA-FM main facility to a Class C2 facility. The facility complies with 47 CFR 73.1675 as the 1.0 mV/m contour of the proposed auxiliary does not extend beyond that of the 1.0 mV/m main licensed facility. See the attached map on the following pages. Please note; this antenna is licensed as an auxiliary antenna for two other facilities. This is a one user at a time auxiliary antenna. There is no combining equipment associated with this antenna, so it will not be possible to do spurious measurements on this antenna with all other facilities operating. This should not be a special operating condition attached to the construction permit.

Environmental

As this instant proposal is merely to increase transmitter power into an existing antenna, no construction or alteration of any sort will take place to the existing tower. The proposed facility was evaluated using the OET FM Model program for worst case radiation exposure at two meters above ground level. The maximum is predicted to be 3.7 microwatts/cm², which occurs at 44 meters from the base of the tower. This level is 1.9% of the maximum exposure level for general population, uncontrolled exposure level and thereby excludes the proposed facility from further study. No construction or alteration of the existing tower will be done as a result of the grant of this instant proposal.



Power Density vs Distance



Horizontal ERP (W): 15000

Vertical ERP (W): 15000

Antenna Height (m): 137.6

Antenna Type: ERI or Jampro "Rototiller"(EPA Type 3)

6 Elements 1 Wavelength Spacing