

**KBTQ (FM)
Harlingen, TX
Facility ID 67072
Channel 241 C
Tichenor License Corporation
Technical Exhibit FCC Form 301
Minor Change To Licensed Facility**

Purpose of Application

Tichenor License Corporation ("Tichenor") proposes to upgrade KBTQ (FM) to meet minimum requirements for a Class C facility. The instant application specifies fully spaced coordinates to all licenses, allotments, and applications for KBTQ (FM) as a Class C facility. See the following pages for contour maps showing the present and proposed facilities. See exhibit 29 for demonstration of compliance with minimum spacing for 73.207 antenna coordinates.

Environmental

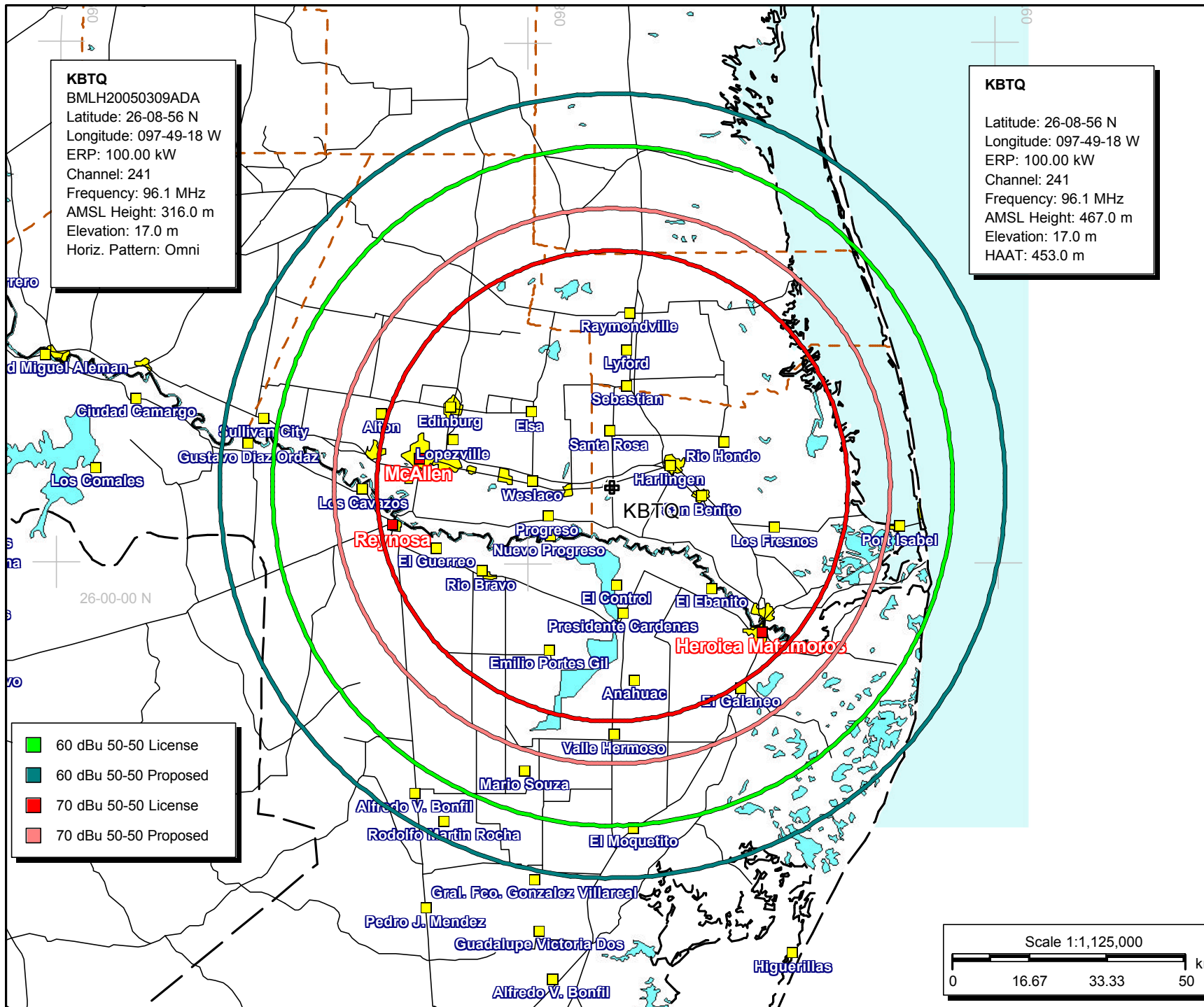
The proposed location is the site of an existing tower. The existing tower will be modified or extended to additional height to provide a radiation center above mean sea level of 467 meters. The ASR of the tower is 1048835. The location of the site is that of the presently licensed site of KBTQ, and an antenna area that has been such for many years. Tichenor has examined the National Programmatic Agreement and has determined that this proposed new tower is subject to an exemption from study as pursuant to Section III of that agreement, as this tower will be built on the same site as defined in the National Programmatic Agreement and the Collocation Agreement. The site is same the site of the previously granted BPH20081031AAY for KFRQ, facility ID 56484. There are no changes proposed to the type of tower obstruction lighting used in this proposal. This proposal was studied for non-ionizing electromagnetic radiation compliance using the OET FM Model program. Based on the results of this worst case program, the proposed facility will have a maximum exposure level of 1.549 microwatts/cm² at two meters above ground level. This level occurs at 98 meters from the base of the tower. This is .77% of the maximum for general population, uncontrolled exposure level. As this is less than 5% of the general population maximum, this exempts this proposal from further study for non-ionizing electromagnetic radiation compliance. See the following pages for output from the FM Model program.

KBTQ

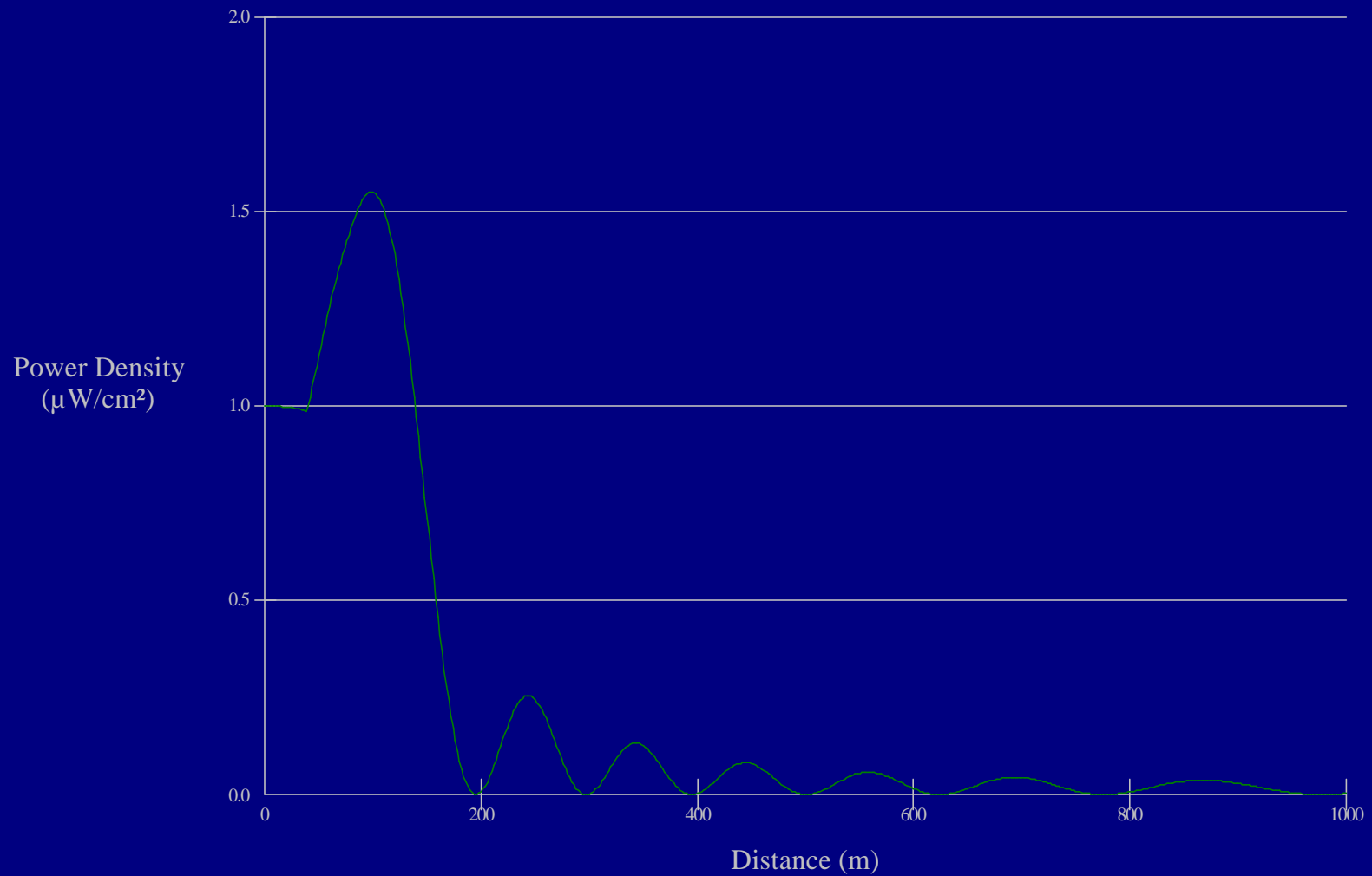
BMLH20050309ADA
Latitude: 26-08-56 N
Longitude: 097-49-18 W
ERP: 100.00 kW
Channel: 241
Frequency: 96.1 MHz
AMSL Height: 316.0 m
Elevation: 17.0 m
Horiz. Pattern: Omni

KBTQ

Latitude: 26-08-56 N
Longitude: 097-49-18 W
ERP: 100.00 kW
Channel: 241
Frequency: 96.1 MHz
AMSL Height: 467.0 m
Elevation: 17.0 m
HAAT: 453.0 m



Power Density vs Distance



Horizontal ERP (W): 100,000
Vertical ERP (W): 100,000
Antenna Height (m): 450

Antenna Type: EPA Type 3: ERI or Jampro Rototiller
Number of Elements: 12
Element Spacing: 1