

## **Engineering Exhibit RF Radiation Compliance Statement**

The auxiliary transmitting facilities for KNFX-FM authorized in construction permit BXPB-20090406AIV are located on the roof of a multi story building at 1716 Briarcrest Drive in Bryan, TX. This location serves as the main transmitter site for KNFX-FM and for FM translator K265DH (FID 27704). The auxiliary facilities specified above are also permitted for use in a shared antenna arrangement by KAGG (FM) (FID 49944) under construction permit BXPB-20090406AJE. Other non broadcast communications facilities are also present on the site.

On July 21, 2009 RF exposure measurements were conducted by members of the KNFX-FM technical staff in and around the roof top site while KNFX-FM was operated as authorized in the construction permit. The measurements were made using a NARDA 8718B EM Survey meter (SN#1532 cal 4/09) utilizing an A8742D Shaped E Field Probe (SN#12010 cal 4/09). The A8742D is a shaped probe with usable response from 300 kHz – 3 GHz providing a reading of the electric field component in percentage of the plane wave equivalent power density corresponding to the 1997 FCC Occupational/Controlled Exposure Standard. Measurements were made using the “Max Hold” function of the NARDA 8718B meter while slowly walking a survey grid around the site sweeping the meter probe up and down and side to side in an oscillatory fashion covering as much volume of space as practical. In areas where the indicated RF exposure levels approached or exceeded 20%, spatially averaged measurements were made utilizing the spatial averaging functionality built into the NARDA 8718B.

The roof top site is designated as an Occupational/Controlled access area. Casual access to the roof top site is limited by a securely locked and alarmed door. The door is remotely monitored by security personnel. Appropriate cautionary signs are prominently posted on the access door indicating that RF exposure levels beyond the door may exceed the levels specified for General Population/Uncontrolled exposure.

No locations outside the secured area were identified where any significant RF exposure levels could be detected with the instrumentation used. The maximum spatially averaged RF exposure level measured at roof top level within the secured area was 18% the 1997 FCC Occupational/Controlled Exposure limit. Thus, KNFX-FM, when operated as permitted by BXPB-20090406AIV complies with OET Bulletin 65 Edition 97-01 with regard to the General Population/Uncontrolled Exposure and Occupational/Controlled Exposure.

KNFX-FM, in cooperation with other licensees, will reduce power or cease operations as necessary to protect persons having access to the site, including the tower or antennas, from RF exposure in excess of FCC guidelines.