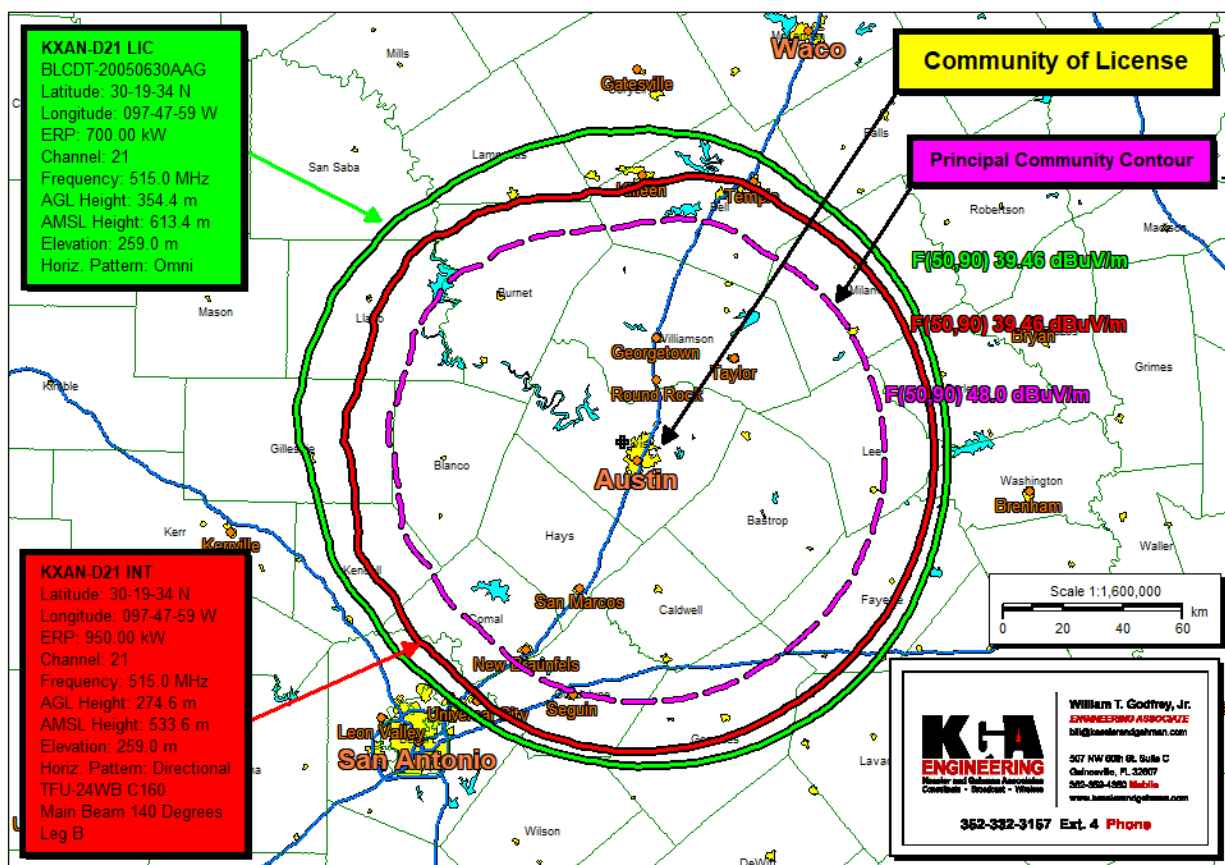


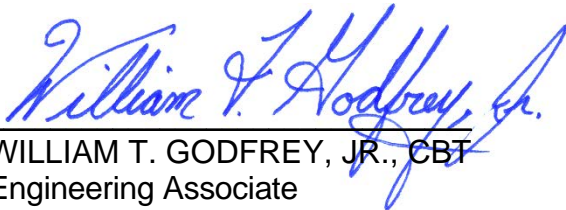
PURPOSE OF ENGINEERING STA

The KXAN non-repack facility is licensed to operate on Channel 21 with an ERP of 700 kW using a top-mount antenna on the north T-arm of the support structure. The KNVA repack facility is co-located with the KXAN facility and also operates on a T-arm of the support structure. Accordingly, the KXAN facility must shut down it's main facility when the KNVA tower mods and antenna replacement work is conducted and therefore, must operate on an interim antenna in order for the KXAN facility to remain on the air. This Engineering STA application requests authorization for the KXAN-DT non-repack facility to temporarily operate with alternate parameters using a side-mounted directional interim antenna (TFU-24WB-R C160) while the new post-transition main antenna is installed for the KNVA-DT repack facility. The proposed KXAN temporary facility at reduced parameters will completely encompass its community of license with the F(50,90) 48.0 dBu principal community contour and will not exceed its licensed F(50,90) 39.46 dBu protected noise limited contour in any azimuthal direction (see showing below).

**KXAN-D21 LIC vs. KXAN-D21 STA (TFU-24WB C160 at 140 Degrees)**

CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.


WILLIAM T. GODFREY, JR., CBT
Engineering Associate

3 June, 2019