

**ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR.
OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC. TELECOMMUNICATIONS
CONSULTING ENGINEERS IN CONNECTION WITH A MINOR MODIFICATION OF
CONSTRUCTION PERMIT APPLICATION REQUESTING TO CHANGE ANTENNAS.**

The firm Kessler and Gehman Associates, Inc. has been retained by the W17EE-D permittee to prepare engineering studies and the engineering portion of a Minor Modification of Construction Permit application for a TV Translator facility (0000054532) requesting to change antennas from the authorized Dielectric model TFU-10DSC-R P220 directional, h-pol only antenna with an electrical beam tilt of 1.00 degrees to the proposed Dielectric model TLP-8J directional, h-pol only antenna with an electrical beam tilt of 0.75 degrees. The underlying construction permit expires on January 28, 2022; therefore, the **W17EE-D permittee hereby requests expedited processing in order to buildout the construction permit with sufficient time before it expires.**

SUMMARY

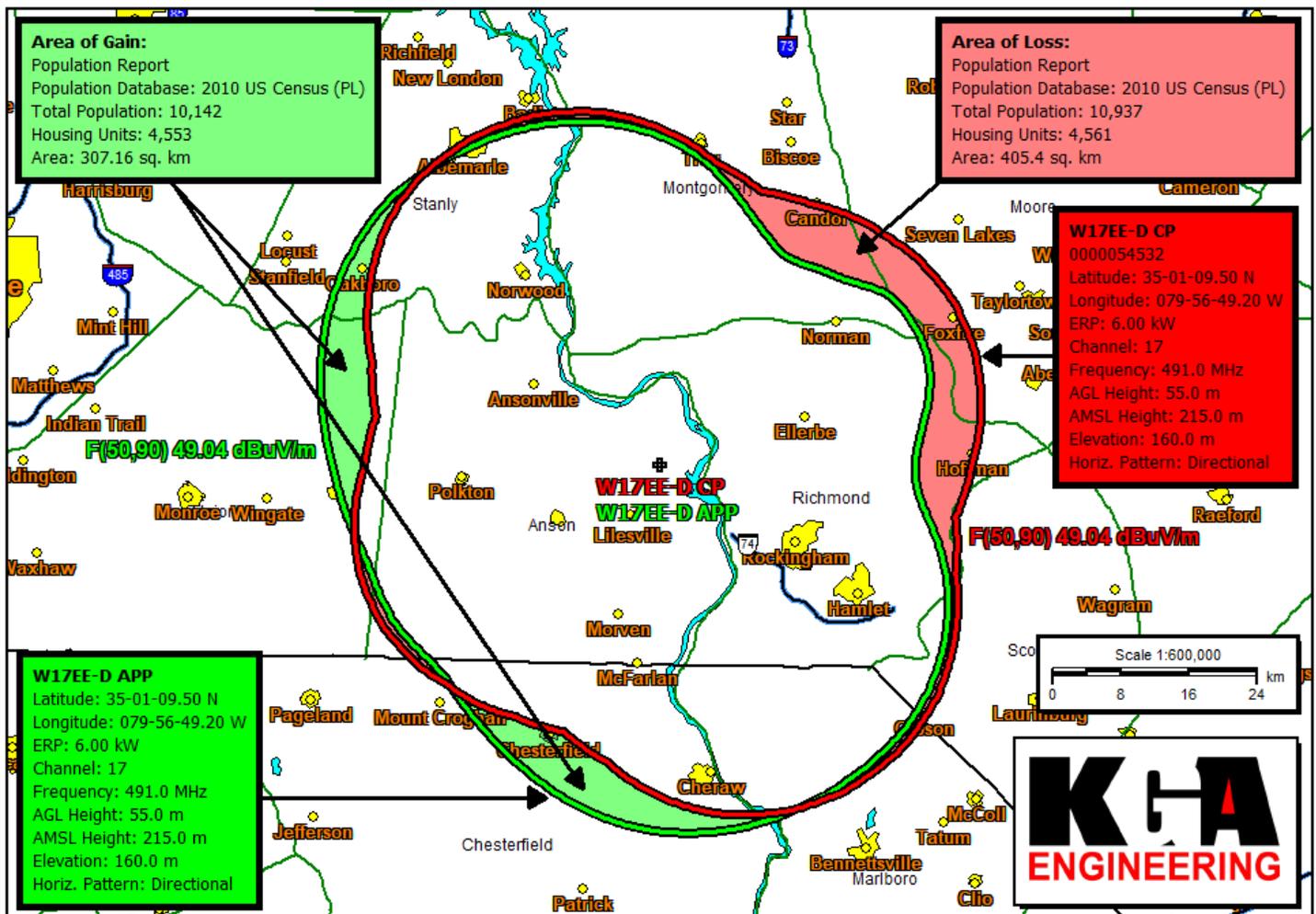
The W24AY-D TV Translator facility is licensed to operate on Channel 24 with an ERP of 13.2 kW using a directional antenna side-mounted on a guyed tower (No ASR) with an antenna height radiation center of 55.0 m AGL (File No. BLDTT-20111212AFX). As part of the FCC incentive auction, the W24AY-D TV Translator facility was displaced from Channel 24 to Channel 17 and was assigned a new call sign (W17EE-D). The W17EE-D TV Translator permittee proposes to change antennas as stated above and no other changes are proposed to the authorization. The attached TVStudy demonstrates that the W17EE-D Channel 17 TV Translator facility can operate with the proposed directional antenna at the authorized power and height without causing impermissible interference to other stations. The map below displays the service contours of the authorized and proposed facilities as well as the gained and lost population, housing units and area resulting from the proposed change.

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.
 WILLIAM T. GODFREY, JR., CBT
 Kessler and Gehman Associates, Inc.
 Consulting Engineers

15 June, 2021



W17EE-D CP vs. W17EE-D APP