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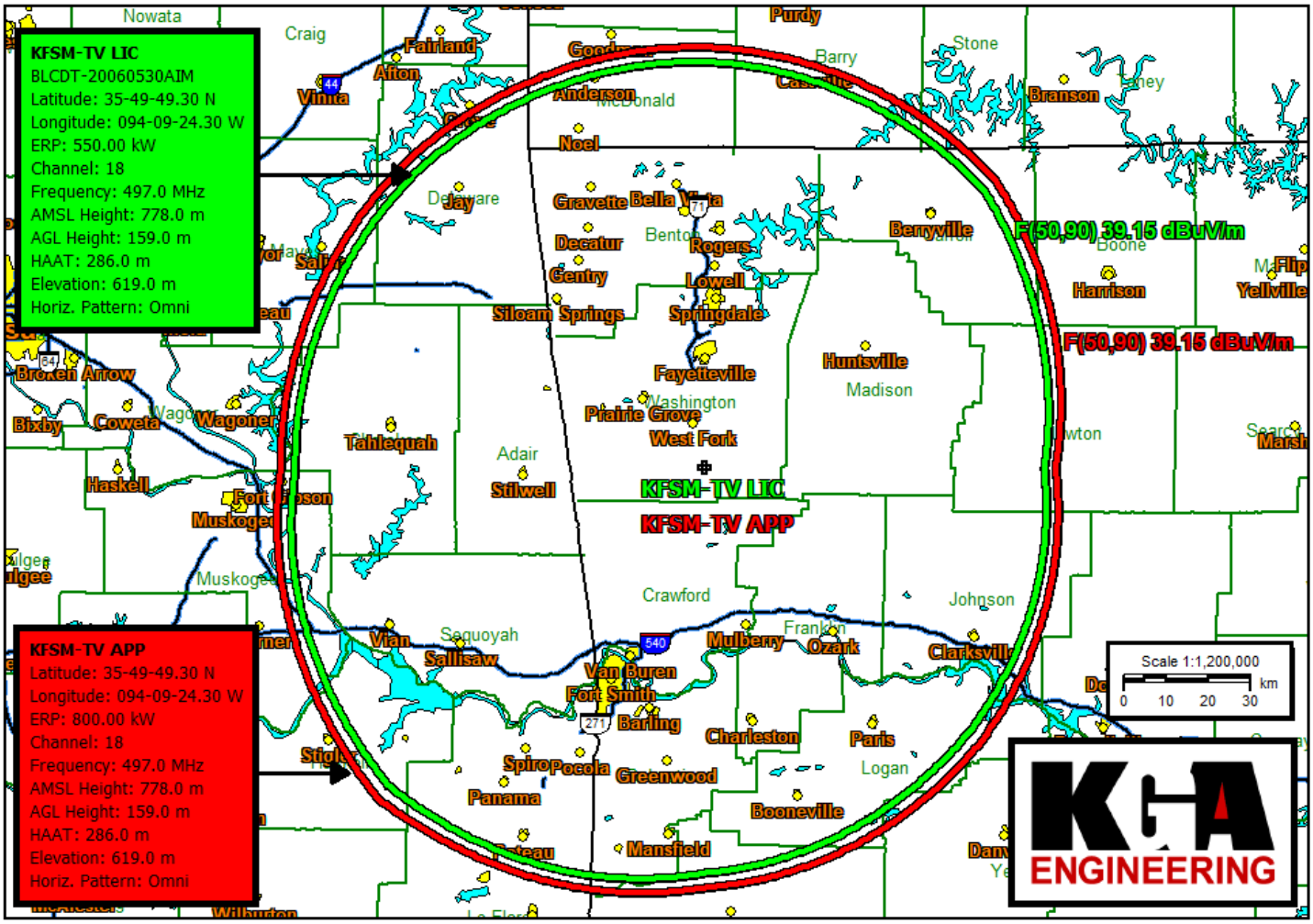
ENGINEERING TECHNICAL STATEMENT

The KFSM-TV Channel 18 full-service television broadcast facility is licensed to operate with a Dielectric model TFU-18GTH-R 04 horizontally polarized, nondirectional antenna top-mounted on a guyed tower (ASRN 1229759) with an ERP of 550 kW and an antenna height radiation center of 159 m AGL (File No. BLCDT-20060530AIM). This application requests authorization to increase the licensed ERP from 550 kW to 800 kW. No other changes are proposed.

It can be seen in the map showing below that the proposed facility's F(50,90) 39.15 dBuV/m protected noise limited service contour (red) encompasses the licensed facility's F(50,90) 39.15 dBuV/m protected noise limited service contour (green) in all azimuthal directions and therefore meets the community of license requirements and public interest requirements.



KFSM-TV LIC vs. KFSM-TV APP

TVSTUDY RESULTS

The attached TVStudy report demonstrates that the proposed KFSM-TV Channel 18 facility operating with an ERP of 800 kW will not cause impermissible interference to any stations. **Please use a 1.0 km study cell size and 0.1 km profile point spacing**.

The station will accept the interference depicted in the TVStudy report.

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. William T. Godfrey, Jr. 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 — 12 June, 2023
Kessler and Gehman Associates, Inc.
Consulting Engineers