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ENGINEERING REPORT ANTENNA IMPEDANCE MEASUREMENTS

The KVNT antenna system has had modifications made to the tower that consist of removal of a disused FM antenna system and isocoupler and installation of the antenna and isocoupler for K287CL.

KVNT's operating impedance is $50 \pm j0$ ohms. This impedance is measured at the input of the antenna tuning network. There is a Delta CPB-1A Common Point Impedance Bridge with a TCA RF Ammeter at the input of the network. Should any changes be made to the antenna system the network impedance can be adjusted and maintained to present the transmitter and ammeter $50 \pm j0$ ohms as licensed.

Please let us know if there are any additional questions.

Sincerely,

Stephen S. Lockwood, P.E.

