

KMVI Restoration of Licensed Operation
Direct Measurement of Power Application

KMVI, Class B, 900kHz, ND, Facility ID 9678 was returned to direct measurement of power following the replacement of the tower and the addition of KNUI (AM) to create a quadplex of stations KNUI, KMVI, KCIK, and KUAU.

The previously licensed base impedance of KMVI (BZ-20130923ALE) was 82 Ohms. The base current was licensed at 7.81 amperes.

The new base impedance for licensing is 75.4 Ohms inferring a base current of 8.14 amperes.

The final report of Robert Elder of Kintronic Labs is attached to this application. It details the calculations and the intermodulation measurements for all four stations operating into the common antenna.