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On Sunday May 3, 2009 we checked the orientation of the antenna at the KRQZ transmitter south of Orcutt. Based on our measurements, adjustments were made to both the vertical directors and the curved radiator elements and the following results were obtained after the adjustments:

The location of the vertical directors on the bottom bay of the antenna were determined and the right angle bearing of the line between the directors was calculated to be clockwise 149°38' from True North.

The location of the curved radiation elements was determined based on measuring the location of the ends of the "T" Bar on the middle bay and calculating the right angle to the end of the "T" Bar. That bearing was calculated to be clockwise 149°33' from True North.

The remaining vertical bars and radiator elements were then aligned to match the measured elements and bars.

James Dixon PE

