



# CLEAR CHANNEL RADIO

1-8-2004

Mr. Wayne Heinen  
4131 S. Andes Way  
Aurora, CO  
80013-3831

Dear Wayne,

This letter will confirm your reception of KFIV on 1360 kHz between 8:58 PST and 9:00 PST PM on January 2, 2004. The programming items and the station ID and slogan have been checked against our program log for that date and time and were found to be correct.

KFIV operates with a DA-2 array. Three towers are in place, two are used during the day at 4,000 watts and two are used at night with 950 watts. The unusual power levels are due to a move about 11 years ago. The station was moved about two miles and diplexed with the 970 station. I believe the reason for the reduced power (the station was 5/1) was to keep the move a "minor change" at the time by not increasing the radiation due to taller towers.

The transmitter is a Nautel solid state. The auxiliary transmitter is a Collins pulse duration modulation type. The station has also used a Continental 315-B screen modulated beast and a very old GE 1 kw transmitter in the past.

Our night pattern is mostly west with a minor lobe towards the east. We have extremely deep nulls towards San Diego and also towards Washington State. The daytime pattern is mostly east, protecting various stations to the other three directions.

I have been doing broadcast engineering since 1980. I spent 6 years in Klamath Falls Oregon at a AM/FM combo. We moved to Modesto in 1986 to take a job at KTRB, 50kw on 860. That station is a story in itself. Now I take care of the 6 Clear Channel stations here, a 50kw Crawford station on 770, and one little Trinity TV transmitter.

Please visit our Family Web site at: [www.pc-intouch.com/~kram](http://www.pc-intouch.com/~kram).

Sincerely,

Steve Minshall, WA6VCR  
Director of Engineering,  
Clear Channel Communications  
Modesto California Stations.

KFIV-AM ~ KJSN-FM ~ KMRQ-FM ~ KOSO-FM ~ KQOD-FM ~ KUYL-AM  
2121 Lancey Dr. ~ Modesto, CA 95355 ~ (209) 551-1306 ~ Fax (209) 551-1359