

95.9 — T or C



92.7 — Socorro/Belen

Great Country Music for the Heartland of New Mexico

June 29, 1988

Carl W. Dabelstein K0SBV
8209 West 78th Street
Overland Park, KS 66204

Dear Mr. Dabelstein:

Your reception report from Kansas took all of us here at KMXQ FM by surprise! Of course, it is not our intent nor purpose to broadcast into Kansas. The FM broadcast band is allocated this band space partly because each station occupies so much frequency spectrum. The band is relatively free of overcrowding problems because the stations are geographically limited due to the usual freedom from skip on this high a frequency band.

There is no doubt that what you reported as hearing June 26 is KMXQ FM. We indeed broadcast a Country-Western music format. We run promos about our peanut whistle 10W repeater in Truth Or Consequences. That isn't much power, but due to the terrain, we are the only C&W station that can be heard in T. Or C. Surprising as it may seem, that repeater is listenable for nearly thirty miles along I25 north of T. Or C.! Repeater transmits on 95.9MHz.

We transmit from a two-bay antenna which gives us antenna gain of 0db. dipole in an essentially non-directional pattern. We push about 3570W into our feedline, giving 3.00 kW power at the antenna. The antenna is 190ft above ground level, but because we are in a hole here, our antenna is more than 250 ft below average terrain. It covers the town pretty well, even so.

I am enclosing a clipping from the Albuquerque Journal last Saturday which may help explain some of the reason for the skip. I am also sending you some bumper stickers. You are probably our only listener in Kansas! And thanks a million for taking the time to write -- it made our day for all of us here at the station!

Sincerely,

Arthur D. Sittler

Arthur D. Sittler KF5HQ
Chief Engineer KMXQ FM