



29 February 1980

Mr. Carl W. Dabelstein
8209 West 78th Street
Overland Park, Kansas 66402

Dear sir:

It is with great pleasure that I am able to confirm that you did indeed receive K-E-R-V at 12:47 AM CST on February 25, 1980. The transmission you received was a test for external frequency measurement and was made with full daytime power. The cw tone ID was done as a spontaneous thing with the remote switch on the audio console! We transmit a 1000 Hz tone so the frequency measuring firm can zero in on us with their loop antenna from about 110 miles away and measure carrier frequency. We then use this result to calibrate our in-house frequency monitor. This procedure is followed once each month.

K-E-R-V operates normally 18 hours a day on 1230 kHz with a transmitter output power of 772 watts daytime and 192 watts night time. This reduction from the usual 1/.25 kw power output on a class IV channel is due to the fact that our tower is well over a quarter wave high (305) and this results in a little gain. The field intensity at one mile is the same as for kw day and 250 watts night. The tower also carries a three bay FM antenna for sister station K-P-F-M.

The transmitter is a Gates BC-1H1 with 833A's in the final and modulator. Kerrville is located about 55 miles northwest of San Antonio on Interstate 10. The area is known as the "Texas Hill Country" with terrain being rocky hills up to 3000 feet elevation. The station height above mean sea level is 1200 feet.

I am new here as chief so I cannot tell you how frequent reception reports have been in the past. I am an avid BCB and TV DX-er myself, so I am more than happy to verify reports. I use a National NC-125, Hallicrafters SX-62 and HRO-7 for DX-ing. I am also active as a ham on 40 cw mostly. Thanks for your report.

Roland Richter WA5LEX

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*13, Roland Richter
Chief Engineer KERV*