



KMUR *Family Fun Time Radio*

24 HOURS EVERY DAY

4646 SOUTH STATE STREET • TELEPHONE AMherst 6-4419
POST OFFICE BOX 383 • SALT LAKE CITY 7, UTAH

July 21, 1961

Mr. John Sampson
1065 Jefferson St. South
Apt. #10
Hutchinson, Minn.

Dear Mr. Sampson:

Thank you for your recent letter. This letter will confirm your reception of KMUR at 3:55am on July 16th, 1961. I was just a bit surprised, too, inasmuch as there are a number of commercial AM stations operating on 1230, and it seemed there must be a few of them operating all-night long! So a heart-felt congratulations to you. Yours is the first DX report from outside Utah (except for nearby Idaho) in a good many months.

Your form letter inquired about our transmitter equipment. I'm no engineer, but will quote from our FCC license. Gates Radio transmitter, type BC-250-GY, direct crystal control. Last radio stage: two 125-watt vacuum tubes for high-level modulation. Maximum rated carrier power output 250 watts. Antenna: 167' overall height; shunt-fed, tapered, self-supporting radiator. Ground system consists of a 48' square ground screen supplemented by buried copper wire radials, minimum length 150', maximum length 320', extending to edges of property lines except on north side, where radials extend 25' over property line. Radials laid every 2 degrees except where radials are laid under building, where they are spaced every 3 degrees.

Also according to the license, our transmitter is located at $40^{\circ} 40' 16''$ north latitude, and $111^{\circ} 53' 20''$ west longitude.

Thanks again for your letter. Happy DX-ing.

Sincerely,

F. William Houghtaling
Program Director, KMUR