

National Representative
BLAIR - TV, INC.



National Representative
JOHN BLAIR & CO.

KING-TV

KING
50,000 WATTS

KING-FM

20 August 1959

Mr. David F. Thomas
Radio W.U.M.S.
Proctorville, Ohio

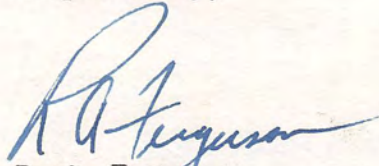
Dear Mr. Thomas:

Thank you very much for your nice letter August 15. Naturally we are very pleased to receive favorable comments about our station, and particularly so when they relate to a series of receiving conditions and locations such as you have reported. As a matter of information, the FCC Monitoring Station in Portland, Oregon has been making continuous recordings of our carrier for several years for propagation study.

The KING-FM transmitter and antenna is located atop Queen Anne Hill in the center of the city at 301 Galer Street (47° 37' 57" north latitude and 122° 20' 59" west longitude). The transmitter is an RCA BTF3B with a power output of 3 kw. The antenna is a 3 bay RCA TF3A television (Batwing) antenna mounted on a 100 foot tower. The antenna gain is approximately 5 at FM carrier frequency. We originally triplexed both TV carriers and the FM carrier into this antenna, but have since gone up in power on KING-TV and use a separate antenna on a 460 foot tower for television. The FM antenna is 410 feet above average terrain (2-10 miles).

Thanks again for your reports on both FM and AM - they are greatly appreciated.

Respectfully,



R. A. Ferguson
Chief Engineer

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