



2723 - 37th Ave. N.E. Telex: 03827711
P.O. Box 660, Stn. M, Calgary, Alberta T2P 3Z2
(403) 291-0000

This is to confirm your reception of 66CFR, Calgary's newest AM station on 21 NOV 1985 at 2233-2249 MST 66CFR signed on the air in stereo, on January 10, 1984 at 7:16 AM MST.

66CFR operates at 50 kW, 24 hours per day, Class B, DA2. Because of our low position on the AM band, we have a fairly large coverage area which includes much of Alberta and Saskatchewan and some of southern British Columbia. Our main lobe is to the northeast both day and night due to current protection agreements in effect.

We broadcast using CQUAM (compatible quadrature system developed by Motorola) due to the popularity of this format. Most Canadian and U.S. stations are now using the CQUAM method of AM stereo transmission. AM stereo has pros and cons, just like FM. One of the major advantages of AM stereo (unlike FM) is its long range stereo reception capability.

Our transmitter site is located geographically at Latitude 50 degrees, 45 ' 27 " North and Longitude 114 degrees, 3 ' 42 " West. The antenna system consists of 6 guyed steel 90 degree radiators with a 90 degree groundmat for each radiator. There is over 47 km of #10 copper wire making up the ground mat for this antenna system buried approximately .6 meters in the ground. The towers are arranged in 2 rows of 3 towers each, physically oriented north to south. The site is located 36.9 kilometers south of the studios. Programming is relayed by a 1700 MHz stereo microwave link as well as on a 450 MHz monaural UHF backup link. We send the programming out by telephone lines as well in case of failure of the radio links.

Calgary is located in southern Alberta and is the province's largest city with a population of 645,000. We are located just 1 hour's drive from the Rocky Mountains which offer superb winter skiing conditions. Calgary is host city to the 1988 Winter Olympics. Calgary has seven 50 kW AM radio stations (5 in stereo) and 6 FM stereo stations for a total of 13 local commercial signals.

Thank you for your interest in 66CFR. We hope that you enjoyed our programming.

Regards,

A handwritten signature in black ink, appearing to read 'Rick Odgaard'. The signature is fluid and cursive, with a large loop at the end.

Rick Odgaard
Chief Engineer