

WFMT

CHICAGO'S FINE ARTS STATION

221 NORTH LA SALLE STREET

CHICAGO, ILLINOIS 60601

STATE 2-5668

July 11, 1964

Mr. Carl Dabelstein
12524 "C" Street
Omaha 44, Nebraska

Dear Mr. Dabelstein,

This is to verify your reception of WFMT on June 26, 1964
at about 6:40 AM.

For your records, WFMT is at 98.7 mc. Our antenna is located
in downtown Chicago at an elevation of 570 feet above the
ground. We use two RCA BTF-20D fm transmitter operating in
parallel. These are separate 20,000 watt transmitters. In
addition we have a 5,000 watt standby transmitter. Our main
transmitter is stereo.

We send our 20,000 watts to our antenna by means of coaxial
"pipe" 3 1/8 inches thick and under dry air pressure. Our
antenna is a seven bay Collins "ring" antenna. The power gain
of this antenna gives us an operating power of 135,000 effective
radiated power. The radiated field is circular, not directional.

Even with 135,000 watts of ERP, Omaha is a long trip for FM!
To date our longest DX has been to Temple, Texas-- a couple
of times. Our regular coverage area goes out as far as Indianapolis,
Indiana.

I thank you very much for your letter. 73's!

Yours truly,

Alfred C. Antlitz, Jr.
Alfred C. Antlitz, Jr.
Chief Engineer, WFMT