



850 k c - 10,000 watts

WKIX BROADCASTING COMPANY

POST OFFICE BOX 868

• RALEIGH, NORTH CAROLINA

• TELEPHONES — 828-2176 - 832-5512

Dear Sir:

This is to confirm your reception of WKIX on March 23, 1965 at 1230-1330 EST. We greatly appreciate your report as these reports are very helpful in determining our skywave coverage.

WKIX operates on 850 kilocycles with 10,000watts daytime and 5000 watts at night. We use a non-directional antenna during daylight hours and a directional antenna at night, with the major portion of our power going east-southeast. The system consists of four towers, all self-supporting. One is 400' high and supports our FM antenna, the other three are 300' and are in a line, spaced 300' apart.

Our main AM transmitter is a Gates type BC-10P, using a pair of 3X2500F3 triodes in parallel in the power amplifier, plate modulated by another pair of 3X2500F'3-s.

We also operate WKIX-FM on 96.1 mc with 29,000watts effective radiated power. The transmitter is a Gates type FM-5B which uses 6076 tetrodes in a push-pull power amplifier. The antenna is an 8-section Andrew Multi-Vee, mounted at 400 feet above the ground. It is fed with 670 feet of 3 1/2 inch solid coaxial line, giving an overall power gain of approximately six.

If we can give you any further information, please let us know. And thanks again for your report.

Very truly yours,

WKIX BROADCASTING COMPANY

James Blanchard

James Blanchard
Chief Engineer

JB/skk