

**W X K W**FIRST TRUST COMPANY BUILDING  
444 BROADWAY  
ALBANY, NEW YORK

March 16, 1949

Mr. S. R. Morss  
R. 3  
Bradford, Mass.

Dear sir:

This will verify your report of reception of WXKW on Feb. 22, 1949, during the portion of our special 3 to 4 AM. DX program as described in your reception report.

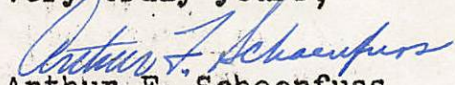
WXKW operates on 850 kilocycles, with a fulltime power of 10,000 watts. The antenna is a complicated array designed to afford protection to several other stations. This is accomplished by using six towers in line, and very critical adjustments. The greatest signal is beamed north. A lesser, but nevertheless strong, signal is beamed south. Radiation "sideways" varies with the angle but is generally very low.

The RCA transmitter is located 10 miles south of Albany. The six towers are self-supporting, 300 high, spaced  $289\frac{1}{2}$  feet. About 4 miles of coaxial cable connect the towers to the transmitter, and over 40 miles of copper wire is used in the ground system. The studios are located at 444 Broadway, in downtown Albany.

We are very pleased at the complete information provided in most of the DX reports. We regret that the number of reports received makes it impossible to answer each letter individually. Consolidating the reports, we guess that DX conditions apparently weren't good the morning of the program. As we plotted the reports of signal strength and reception geographically, we were gratified to see confirmation of our directional pattern. We appreciate also reports about interferences, static, and conditions during the regularly scheduled program times.

We thank you for the complete reports, which are very helpful. DX fans travelling near Albany are welcome to inspect the transmitting plant or studios.

Very truly yours,

  
Arthur F. Scheonfuss  
Chief Engineer

AFS:rh