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RADIO DIAL

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Television Girl Takes Look
At New CBS Equipment

This is the first photograph of Natalie Towers, Columbia's television girl, actually taken before the transmitting equipment of W2XAB, New York City, which broadcasts experimental television programs six days a week on a frequency of between 2750 and 2850 kilocycles.

The block of photo-electric cells before which she is seated pick up the light reflections streaked across her face by the scanning apparatus which can be seen in the background through the small window.

Although television engineers are enthusiastic about the possibilities of television for the home, many broadcasting engineers refuse to believe that television will be ready for many years. The science of broadcasting and receiving radio waves, they say, was almost perfect before the public took it up with any degree of enthusiasm. C. M. Jansky, Jr., consulting engineer, said recently that the ear is such an inaccurate instrument that in the case of the average person, the difference in the intensity of a sound 75 times as loud as the one immediately preceding it can not be detected.

"The eye, however, is a tremendously acute instrument, capable of seeing the minutest differences in size and color. For that reason, I believe that the public will demand that television be as perfect as the motion picture before it will accept it for continuous use in its homes," Jansky says.

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Courtesy of Steve Dichter