

K B I M
TAYLOR BROADCASTING COMPANY

ROSWELL, NEW MEXICO

AM 5,000 WATTS
910 KC NON-DIRECTIONAL

FM 6,000 WATTS
97.1 MC

P. O. BOX 910

PHONE MA 2-2120

THE VOICE OF EASTERN NEW MEXICO

13 November 1962

Ernest R. Cooper
438 East 21st Street
Brooklyn 26, New York

Dear Mr. Cooper:

Well, well! Finally get to hook up with the Old Man himself!

Needless to say, most of the letters we receive are from people of the NRC.

You happened to stumble onto a repeat transmission to Commercial Radio Monitoring Co. The first transmission I made about a week earlier - on the wrong morning! Our normal test transmission for frequency measurement is made every four - pardon me - every third month. First Tuesday, I think.

The transmission was a 940 cps square wave at 75% modulation. The voice portion consisted of a brief blurb every 15 to 20 seconds, 5 of these making up a 70 second endless tape cartridge. This was fed into the system about 25 db above the tone, and the limiting amplifier knocked down the tone level when the voice ID came on. The speech was additionally highly processed with compression and a bit of clipping to make the average level a bit over 95%.

We very frequently override WSBA on the East Coast. Why this is I cannot explain. Around 80% of the letters received are from an area inside a 250 mile radius about Kansas City. This area is evidently clear on 910 kcs. 900 kcs is a very dead channel at night, seeing how it is a clear one, and that helps our DX friends.

We have no coverage maps available. Solid coverage is had for a 100 mile radius, except for the mountains to the West. KBIM went on the air with 1000 watts in 1953. Power increase came in 1955. We also went FM in 1956.

2

I invite you to listen on 570 for KGRT in Las Crucesm New Mexico. Unfortunately it may be difficult to hear them in the NYC area!

You may want to know that KRRR in Ruidoso, New Mexico is going to increase their power from 250 to 1000 watts. This is scheduled to take place on Thanksgiving day or the day after. Again quite unfortunately, they are on 1340 kcs.

Its winter again: it just now dawned on me that our frequency measurement transmissions are again bringing in border to broder and coast to coast replies. I'll never forget a year ago when we were on the air for the heck of it in the middle of the night. We asked for reception reports. We were on the air for 90 minutes and received 140 replies. From Yukon to Carribean, Pacific to Atlantic. It came as a bit of a surprise to find out several monthw later that one of the fellows from Commercial Radio Monitoring Company was driving his car, in the field making FM station measurements, and he too heard us.

Thanks for your report and interest.

Sincerely,

James L. Tonne
James L. Tonne
Engineer

*KRRR WAS KYAMP
LOCAL 24-HR-DAY KRSP WAS KSWS - 1240 KC 1KW D
250W N. N. D.*