

***BEXT* Television Transmitters please the most qualified Broadcast Engineers**

(Endorsement letter from Bext customers)

Feb 16, 2000

Citing my qualifications to write this, I am Director of Engineering for Duhamel Broadcasting Enterprises, operators of four Television stations, two FM stations, and one AM radio station.

I cannot over-express our pleasure with the new exciters that you supplied to us for our aging RCA TV Transmitters. The installation of these exciters into our RCA TT-25DL and our RCA TT-25EL was much easier than I had expected.

We simply removed the old exciter, stowed its power harness, and jumpered across the "AURAL OFF FREQUENCY" interlock. Then we moved the Aural filament transformers down on top of the air duct, to provide space at the top for a nicer appearance. Some drilling and tapping was required in the rack rails to mount the new exciters, and the blank panels for cosmetics, and safety.

The new Bext exciters powered up flawlessly. We measured the frequency of both exciters, and set it to within 70 Hz of the assigned frequency, and it is still right there. The first Aural, and the first Visual have never performed so well as they do now with enough exciter drive to these two stages. Another advantage that we gained is that we will no longer experience the horror of having the Aural divider and phase detector unlock during Prime Time, or any other time.

I am extremely pleased with these exciters, and would recommend them to anyone that is still trying to run an old RCA transmitter, even as a backup. I can think of little else that would be so disappointing as attempting to go to a backup, and it won't work.

After providing us with two 1 kW BEXT transmitters to replace the 1 kW section of a GE 4TF-510 / 4TF-530B Television transmitter, I had the greatest confidence that you would be able to assist us with this improvement to our RCA's as well. I was not wrong.

I am attaching a photograph of the final installation of the BEXT exciters into our TT-25EL transmitter. Notice that it is installed in the original exciter location, it just doesn't occupy all of the space. Both installations are identical, so I don't believe that it is necessary to attach pictures of both.

Frank T. Etherington
Duhamel Broadcasting, Rapid City, South Dakota