

I powered up my 6T5 on the bench and varied the grid voltage. What I saw was about 90% coverage at -10v with a tiny bit more at -22v (see attached photo). So it appears the spec sheets are correct after all. No idea if this was typical behavior of new 6T5's since mine is worn. Out. Regardless, the fact remains that the AVC (AGC) circuits in both of my Zenith radios max out at around -10v so I calibrated both tubes for FS at -10v.

Since you said you didn't have a genuine 6T5 I thought I'd share a comparison of the center filament and the red/orange center LED. It's difficult to capture true color but IMO the orange captures the color of a hot filament better. The red LED is a bit too red, if that makes any sense.

I also shared a photo of the flat bottom test tube I wound up using. Got them from Amazon (<https://tinyurl.com/3ehw7z7b>) and they cut easily with the hot wire fixture.

Lastly, per your request, a short video of your LED6T5 working in a Zenith chassis.