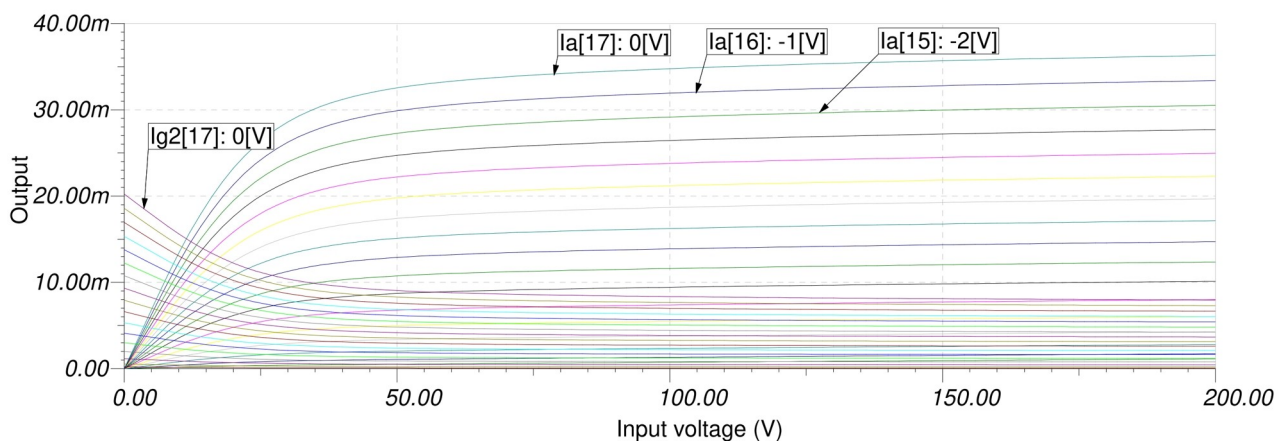
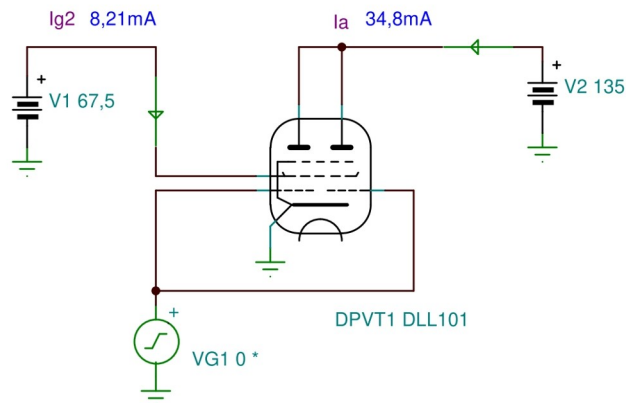


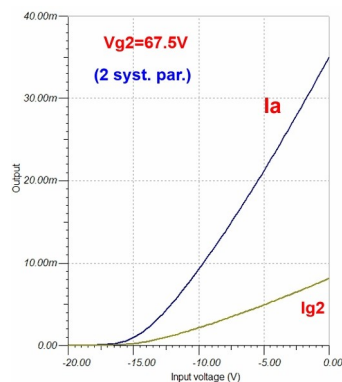
DLL101 (Tungsrn, Hungary) Double Pentode SPICE Macro Model

Since $G2(S)$ is shared by both pentodes, it makes little sense to treat them as two independent units; the operation of one inevitably affects the other. This is why I chose to implement a combined, dual-system model.

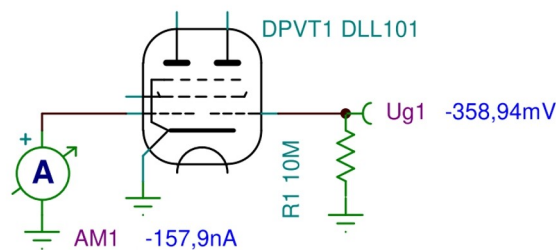
Output Characteristics



Mutual Characteristics

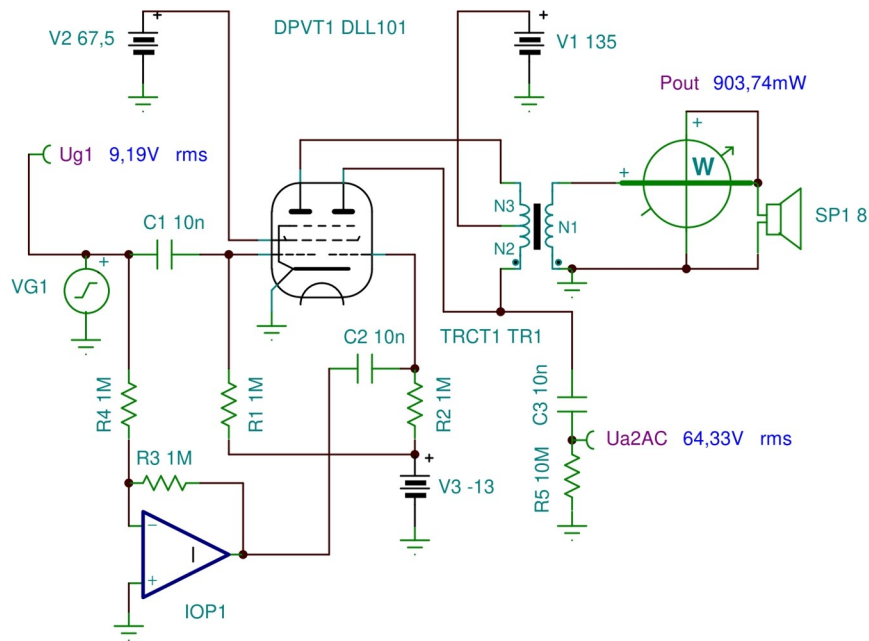


Gate Diode Splash Current

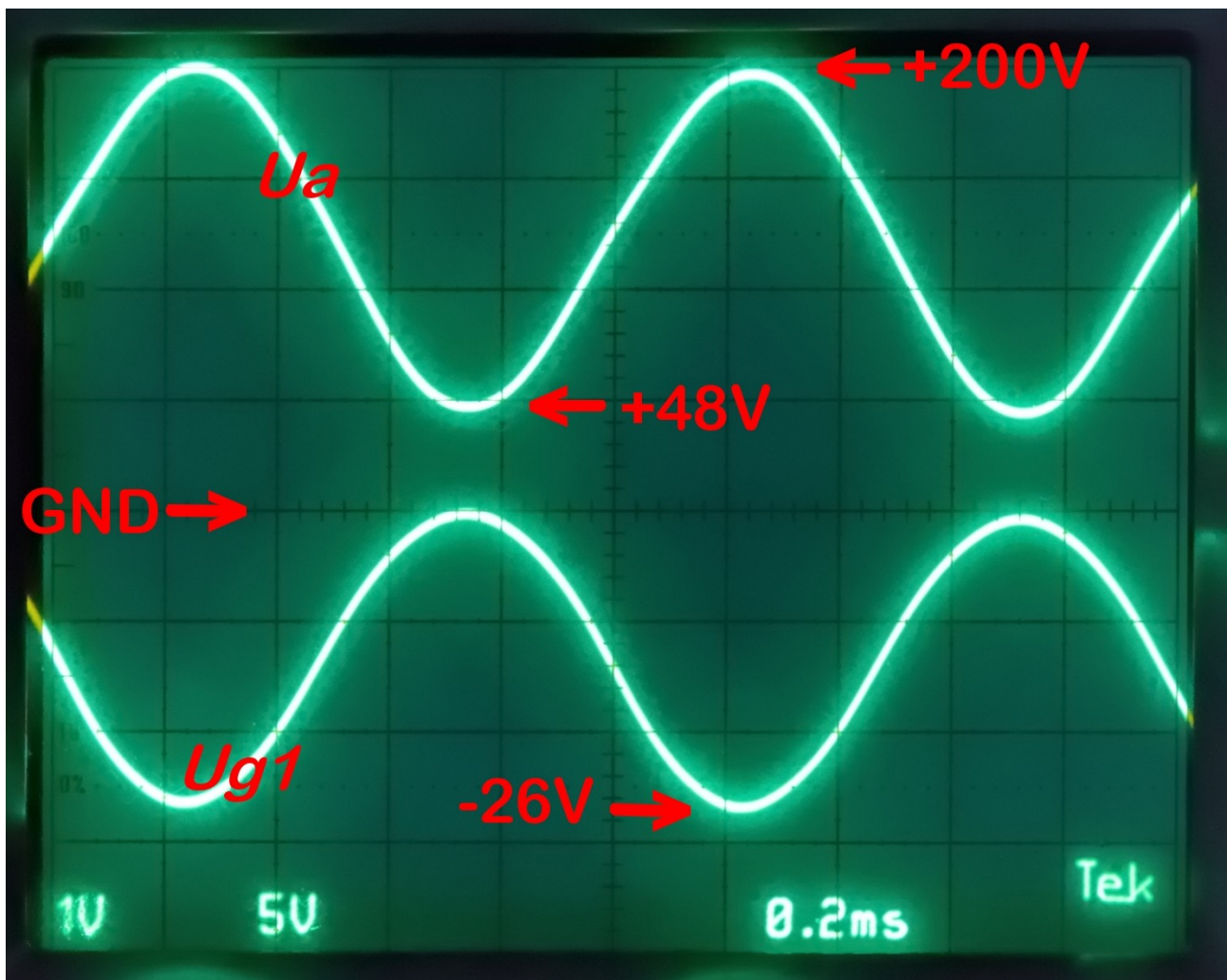


The g_1 current is not zero when the g_1 voltage is zero. A small g_1 current flows due to the energy distribution of the electrons emitted from the cathode.

Class B Audio Amplifier



AF Voltage Amplification (model 7x)



AF Voltage Amplification (real tube and transformer, 6x):