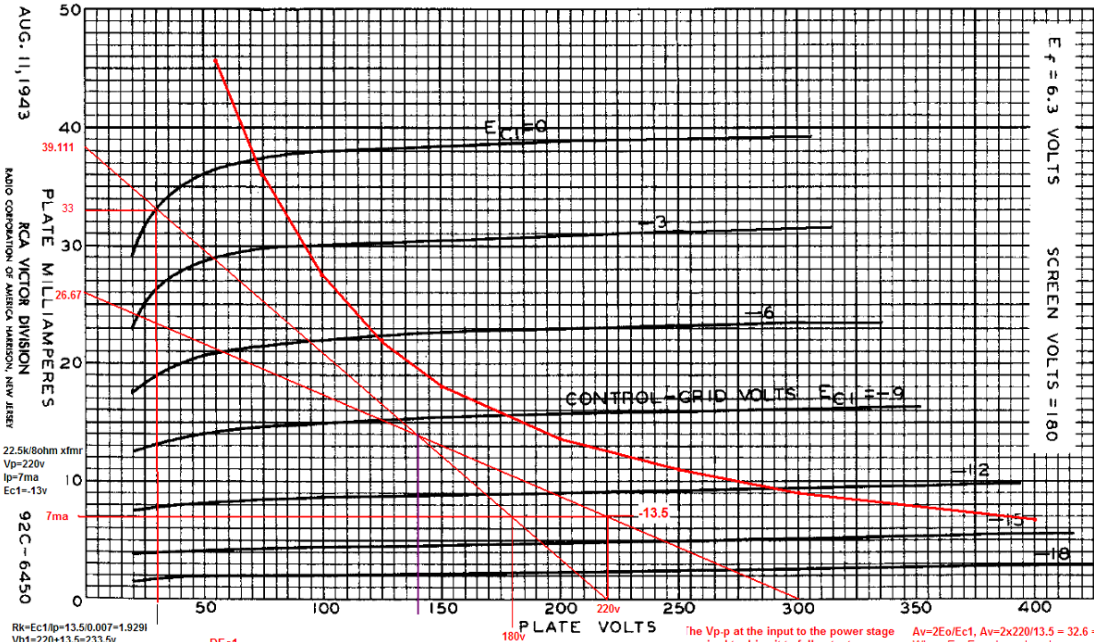


6AK6



AVERAGE PLATE CHARACTERISTICS  
PENTODE CONNECTION



AUG. 11, 1943  
RCA VICTOR DIVISION  
RADIO CORPORATION OF AMERICA HARRISON, NEW JERSEY

22.5k/80hm xlmr  
Vp=220v  
Ip=7ma  
Ec1=13.5v  
92C-6450

Rk=Ec1Ip=13.5x0.007=1.9281  
Vb1=220+13.5=233.5v  
Vg2=180v

DEc1=

180v

The Vp-p at the input to the power stage  
equied to drive it to full output power.

Av=2Eo/Ec1, Av=2x220/13.5 = 32.6 = power stage Gain  
Where Eo=Eanode peak and  
Ec1=Eg1=Econtrol grid