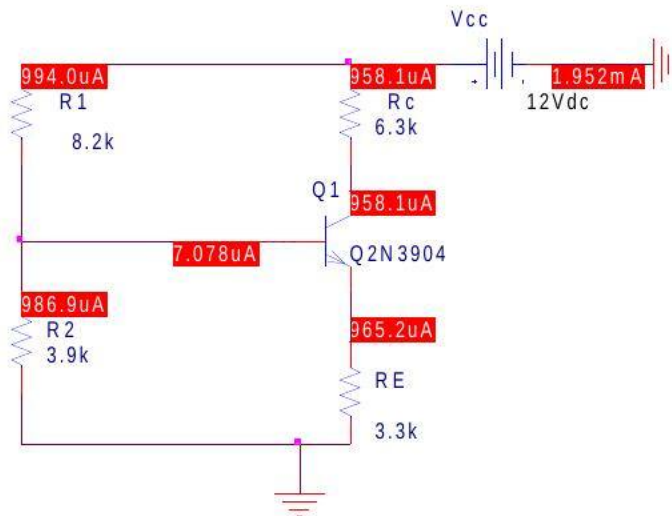
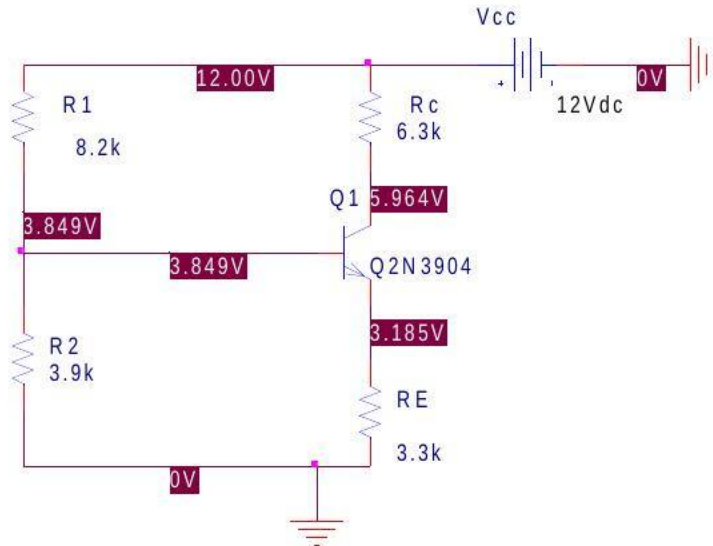
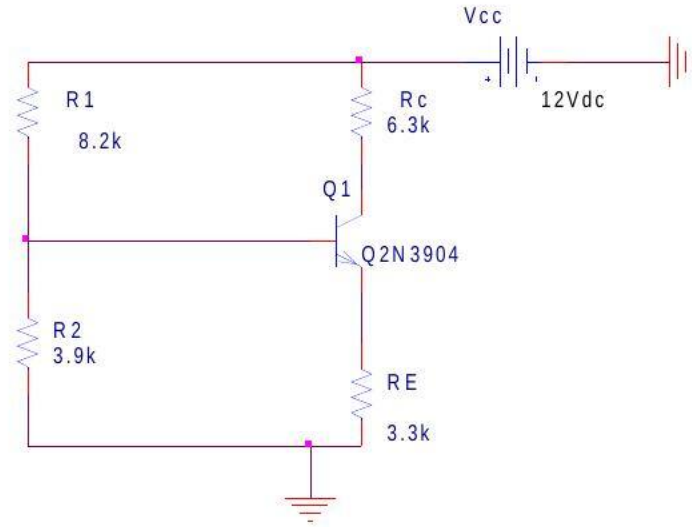
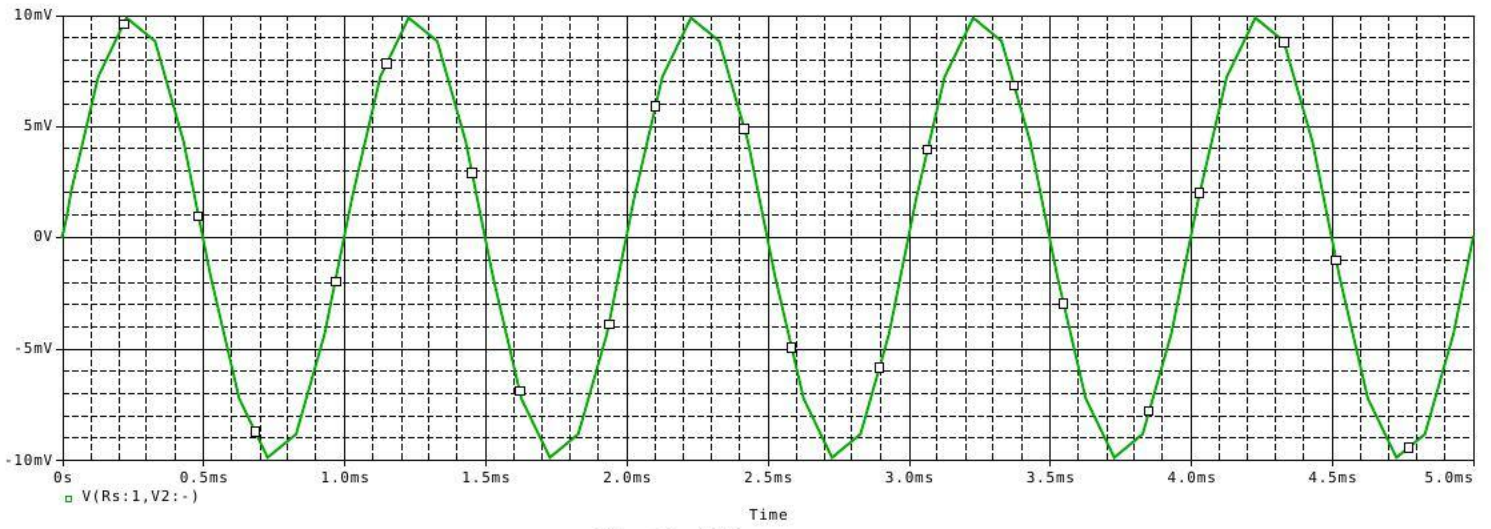
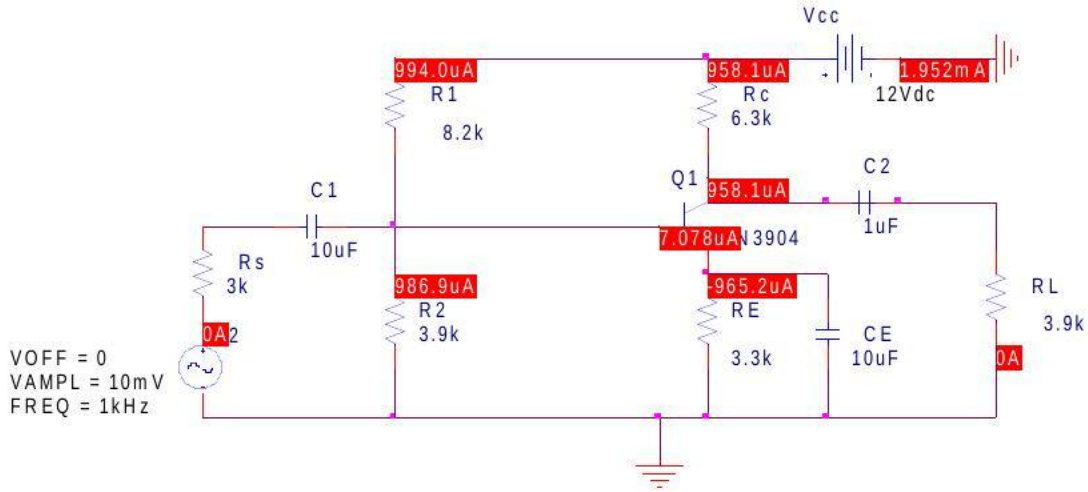


6)  
a)



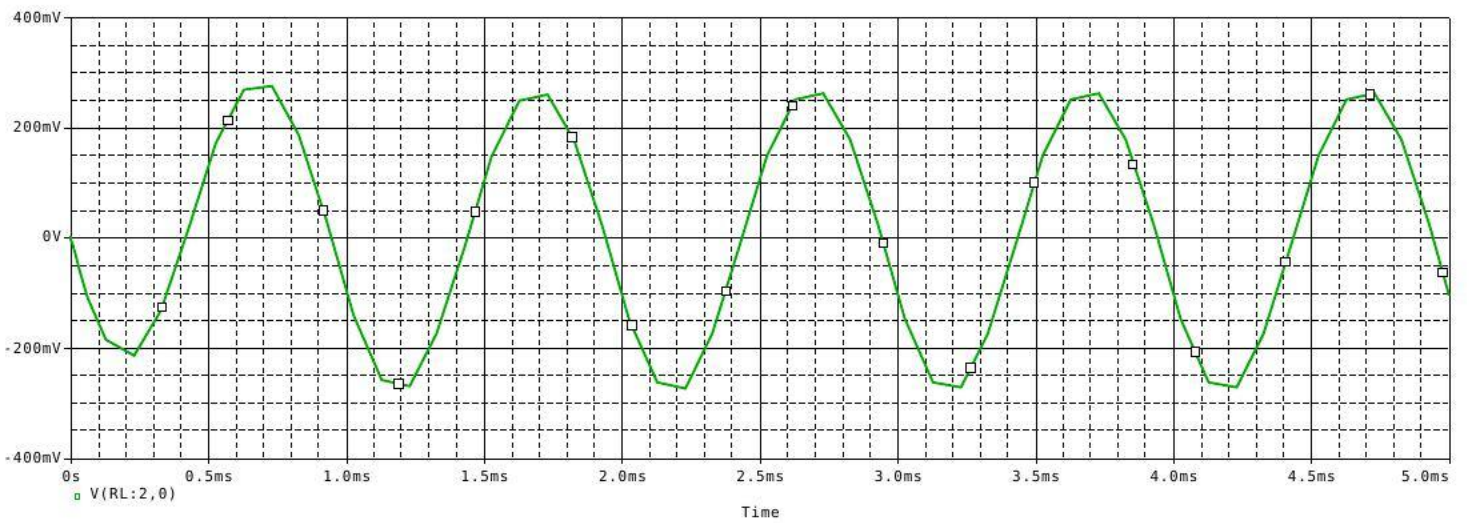
$V_{CE} = 2.779 \text{ V}$   
 $I_{BQ} = 7.078 \text{ uA}$   
 $I_{CQ} = 958.1 \text{ uA}$  şeklinde bulunur.

b)



Vin Grafiği

Vin = 19.81 mVp-p

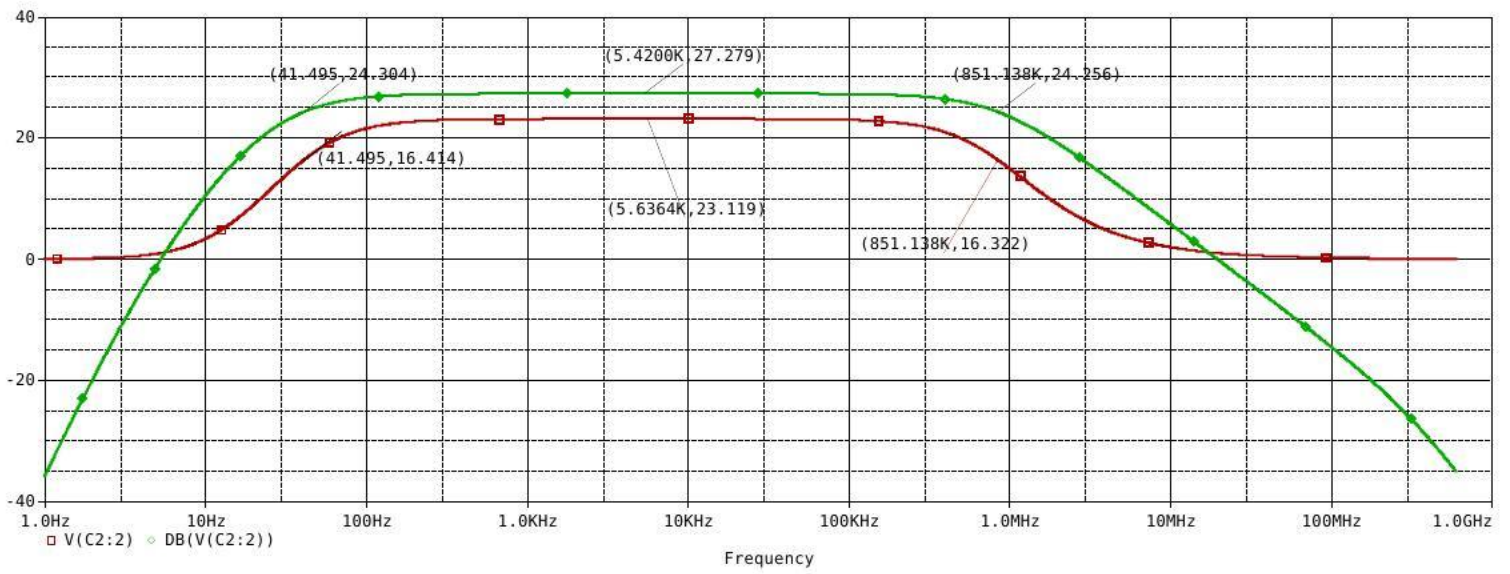


Vout Grafiği

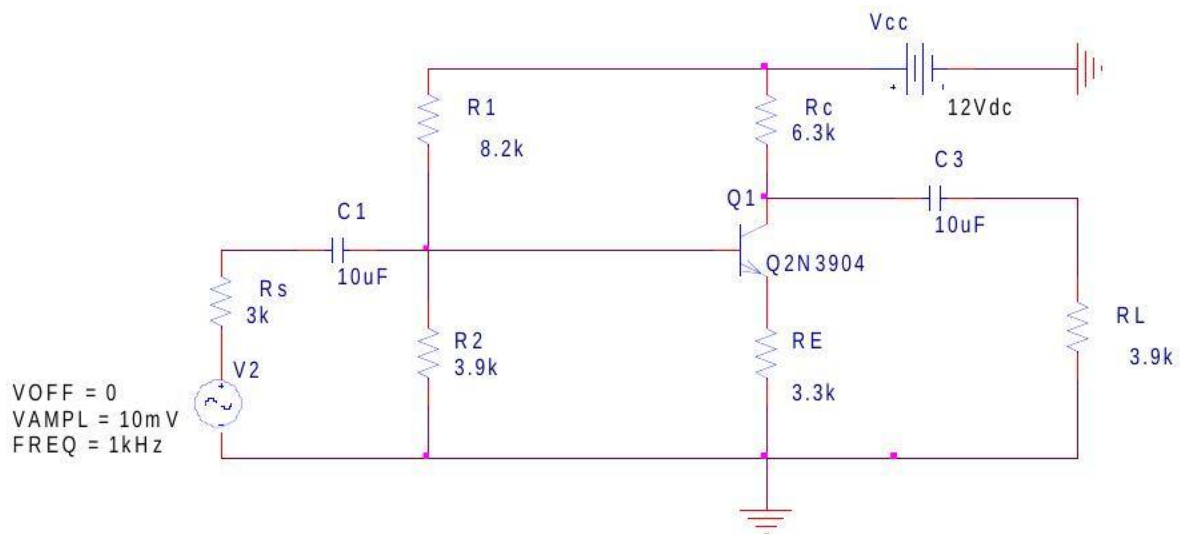
Vout = 544.13 mVp-p

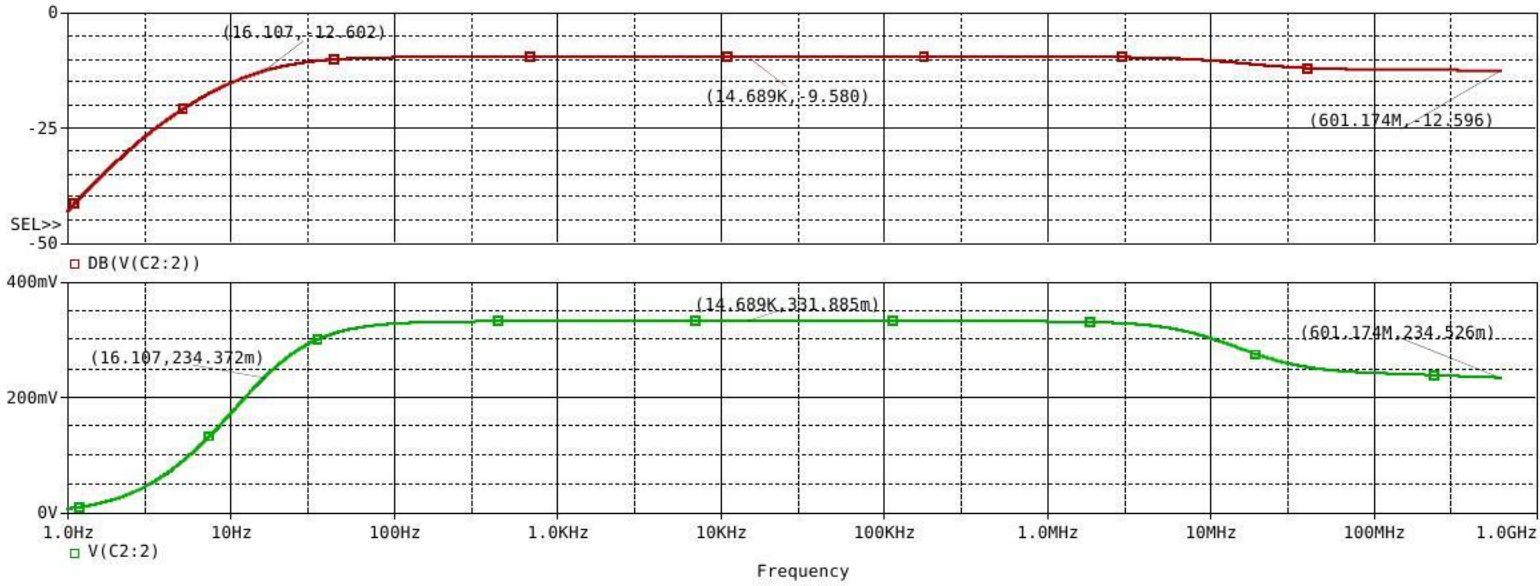
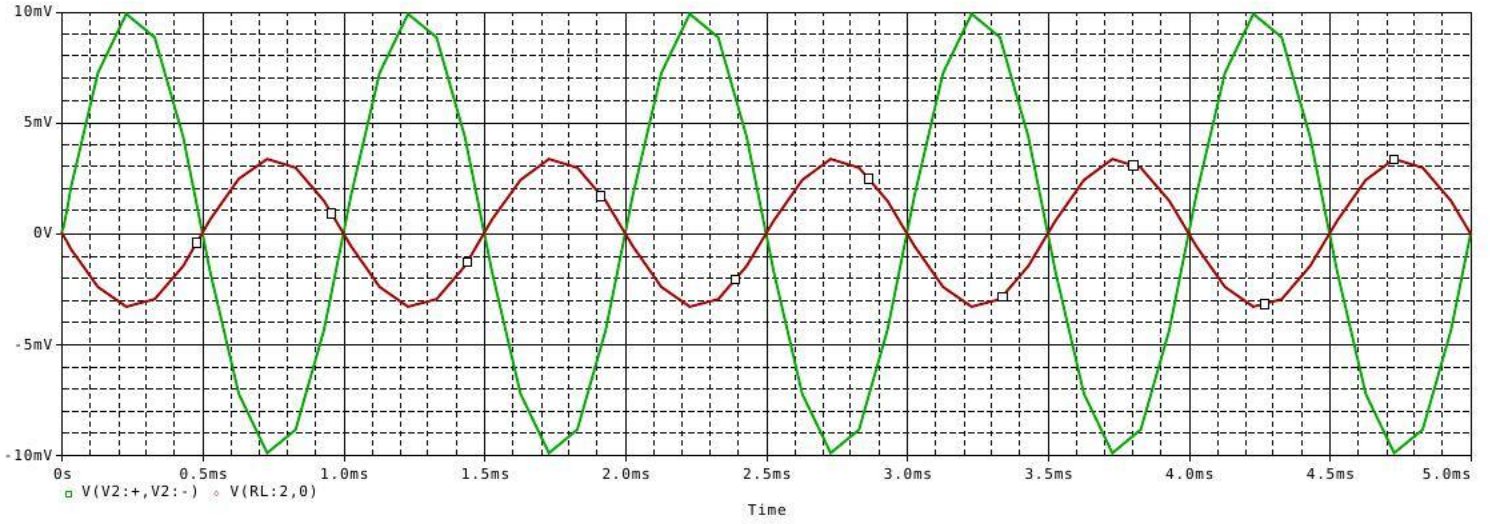
Av = 27.839

c)



d)





$C_E$  kapasitörü kaldırılınca kazançta büyük bir düşme gözlenmektedir. Low cut-off ve High cut-off frekansları da değişti. Çünkü frekans değeri devredeki kapasitör sayısına bağlıdır.