

FIGURE 6A: 2.5V reference diode current source (basic, left) with alternate Q1 cascode (right).

LED/2907 Line Rej (dB) vs Freq(Hz): Vin(AC)=1Vrms, Vin(DC)=18V, Iset=2mA

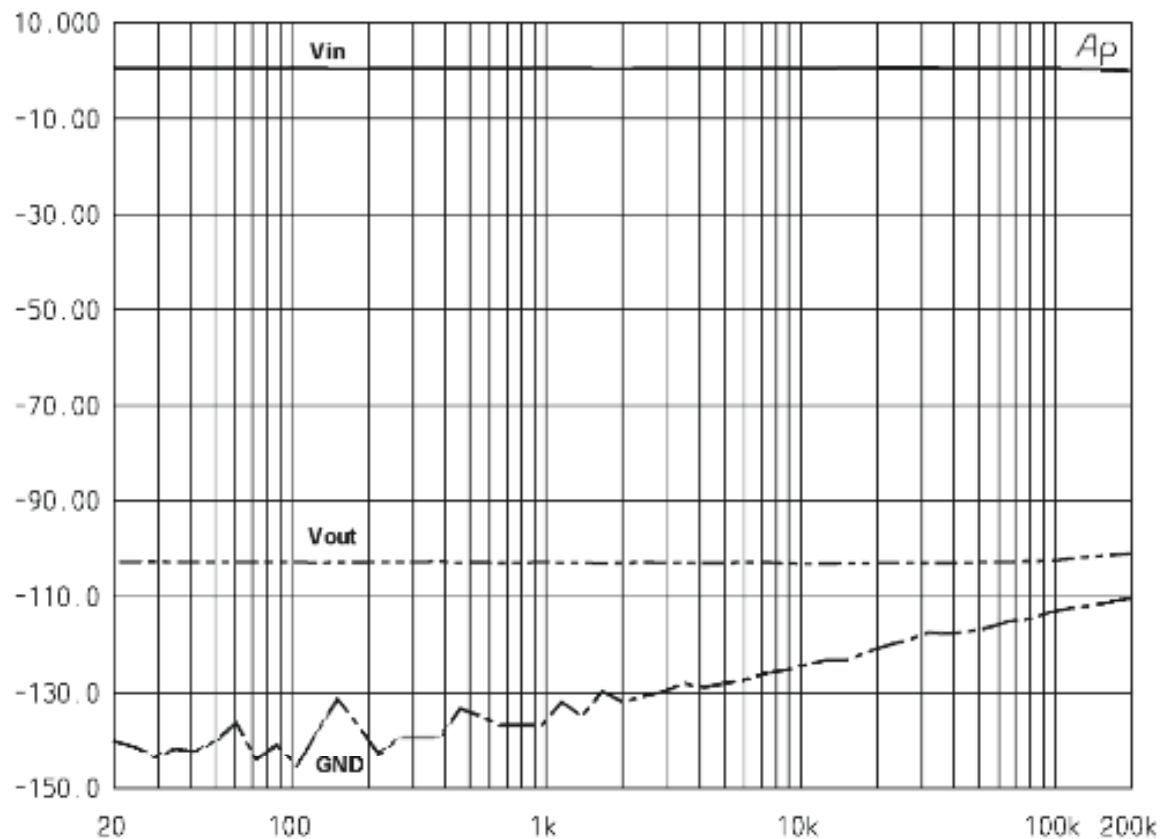


FIGURE 5B: The performance of the Fig. 5A LED based current source shows a rejection characteristic of 105dB, corresponding to a 177kΩ impedance.