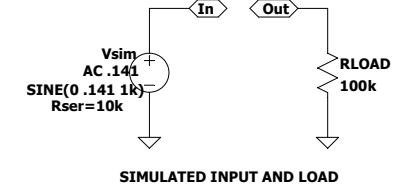
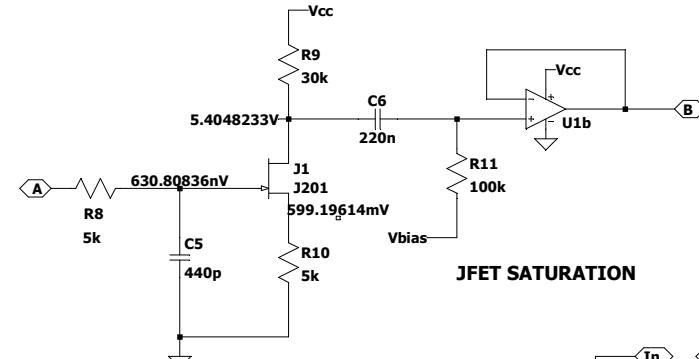
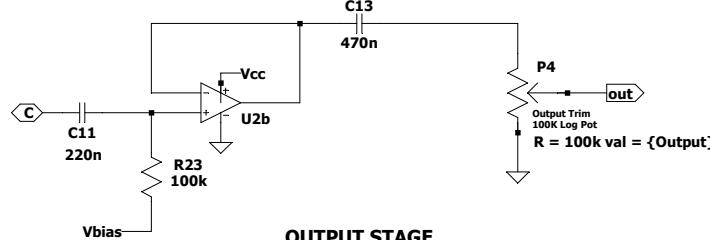
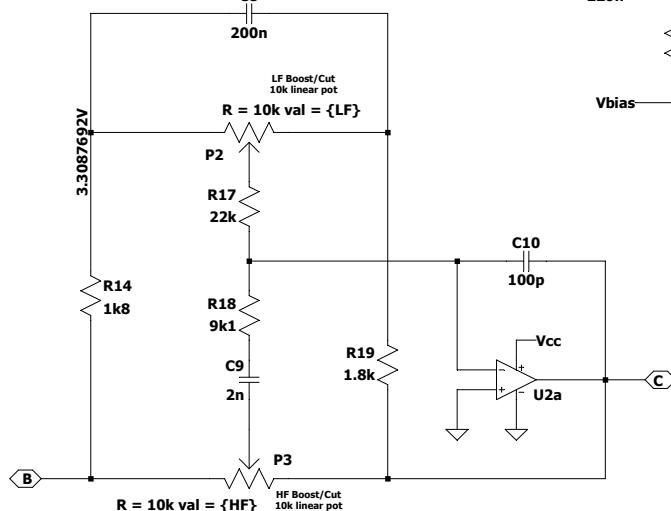
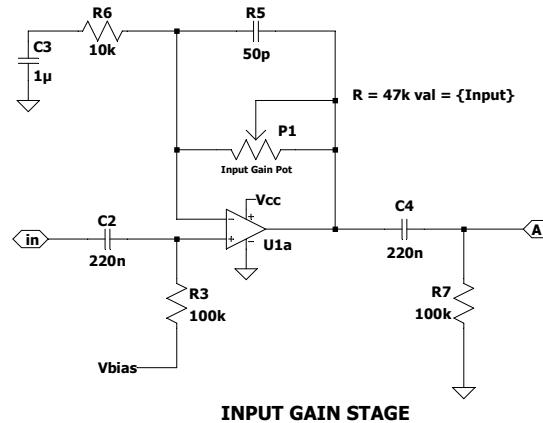
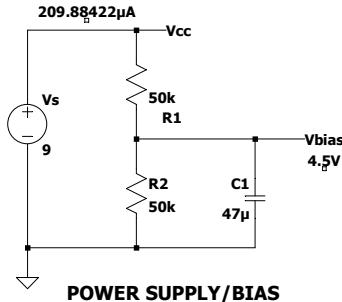


# Audio Preamp w/ Soft JFET Saturation



```

;step param LF 0 100 50
;step param HF 0 100 50
.ac oct 200 20 20000
;noise V(out) Vs dec 200 20 20000
;tran 0 1.005 1.00001
.four 1k V(out)
.param Input=25 LF=50 HF=50 Output=100

// ****
// John Renner
// Rev 1
// 2/2/2026
//
// REV HISTORY
//
// BoM NOTES
// R4 - 470k Log Pot
// R15 / R16 - 10K Lin Pot
// R20 / R21 - 10K Lin Pot
// R26 - 100K Log Pot
// Opamps are TL072 (x2)
// ****

```