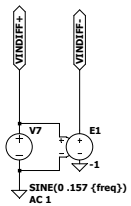
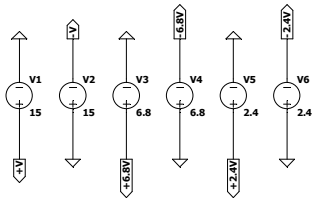


Vuelo Fully Differential Hybrid Amplifier v.047  
International Patent Application awaiting approval  
NOT FOR COMMERCIAL USE  
ALL RIGHTS RESERVED

USE BY DIYAUDIO.COM FORUM PERMISSIBLE AFTER CREATIVE COMMONS APPROVAL ONLY



```
.inc HP_AMP.lib .lib AD8597.cir
;option noopiter
;option maxstep=3.814697266ns
;option maxstep=381.4697266ns
;option numdgt=7
;option plotwinsize=0
;step param freq list 1k 5k 20k 40k 100k
.param freq 4k
.param cycles=10
.param delaycycles=4
.param ftf=65536
.param simtime=(delaycycles+cycles)/freq
.param delaytime=delaycycles/freq
.param stepsize=simtime/freq/((simtime/cycles)*ftf)

;op
;tran 0 (simtime) {delaytime}
;tran 0 (simtime) {delaytime} {stepsize}
;ac dec 10 1 1000meg

.param prb=0
;step param prb list -1 1

.four {freq} 24 V(VOUT+)
;noise V(VOUT+) Vin1 dec 20 1k 100k
```

