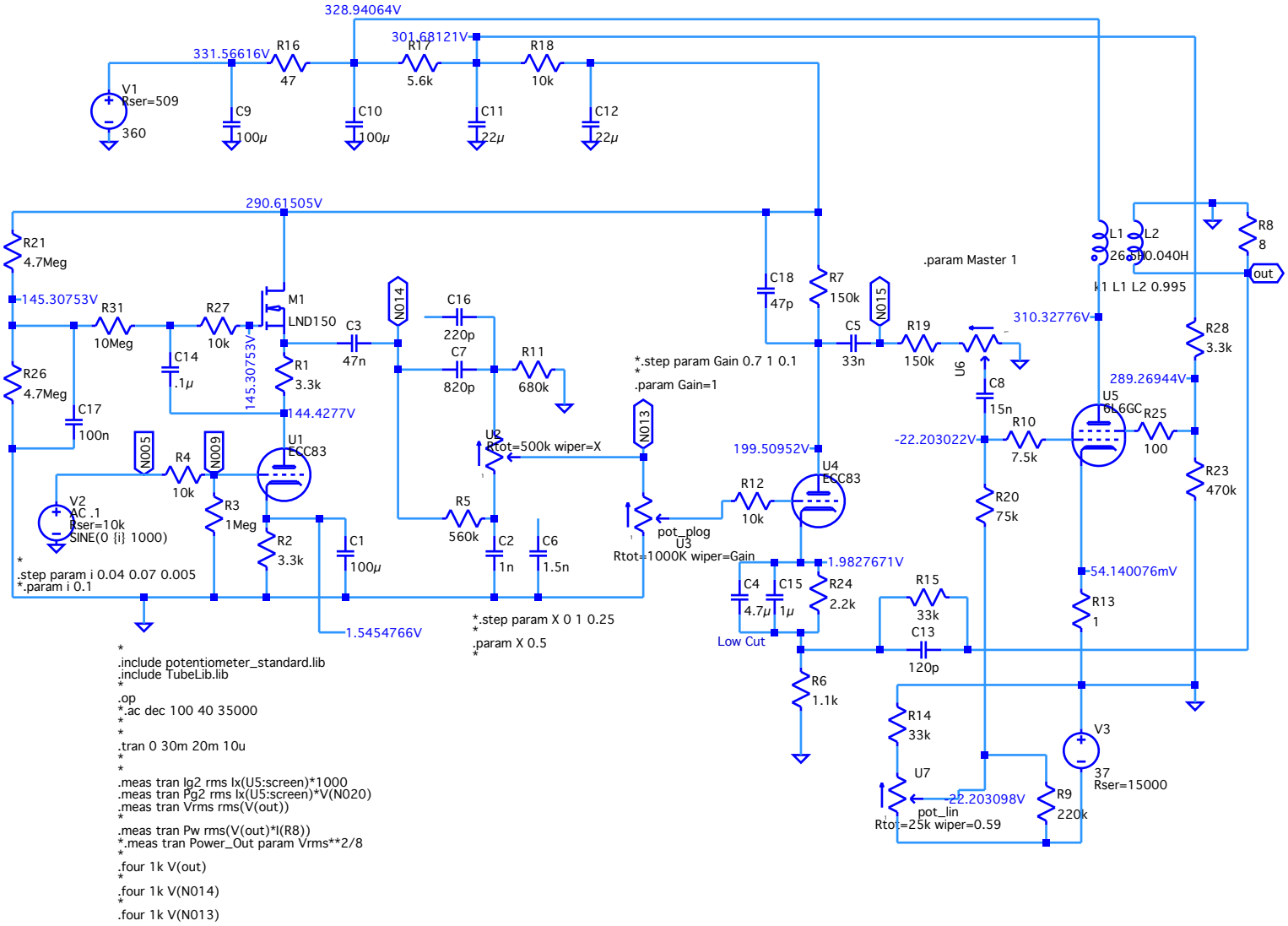

328.94064V
301.68121V
331.56616V
R16
47
R17
5.6k
R18
10k
V1
Rser=509
360
C9
100µ
C10
100µ
C11
22µ
C12
22µ
290.61505V
R21
4.7Meg
145.30753V
R31
10Meg
R27
10k
M1
LND150
C3
47n
N014
C16
220p
C7
820p
R11
680k
R26
4.7Meg
C14
.1µ
145.30753V
R1
3.3k
144.4277V
C17
100n
N005
N009
R4
10k
U1
ECC83
U2
Rtot=500k wiper=X
N013
R3
1Meg
R2
3.3k
C1
100µ
R5
560k
C2
1n
C6
1.5n
V2
AC .1
Rser=10k
SINE(0 {i} 1000)
*
.step param i 0.04 0.07 0.005
*.param i 0.1
1.5454766V
*.step param X 0 1 0.25
*
.param X 0.5
*
*.step param Gain 0.7 1 0.1
*
.param Gain=1
pot_plog
U3
Rtot=1000K wiper=Gain
C18
47p
R7
150k
N015
C5
33n
R19
150k
U6
.param Master 1
199.50952V
U4
ECC83
R12
10k
C4
4.7µ
C15
1µ
R24
2.2k
1.9827671V
Low Cut
R6
1.1k
R15
33k
C13
120p
R14
33k
U7
pot_lin
Rtot=25k wiper=0.59
-22.203098V
R9
220k
310.32776V
C8
15n
R10
7.5k
-22.203022V
R20
75k
L1
L2
26mH
0.040H
k1 L1 L2 0.995
U5
6L6GC
R25
100
289.26944V
R28
3.3k
R23
470k
-54.140076mV
R13
1
R8
8
out
V3
37
Rser=15000
.include potentiometer_standard.lib
.include TubeLib.lib
*
.op
*.ac dec 100 40 35000
*
*
.tran 0 30m 20m 10u
*
*
.meas tran Ig2 rms Ix(U5:screen)*1000
.meas tran Pg2 rms Ix(U5:screen)*V(N020)
.meas tran Vrms rms(V(out))
*
.meas tran Pw rms(V(out)*I(R8))
*.meas tran Power_Out param Vrms**2/8
*
.four 1k V(out)
*
.four 1k V(N014)
*
.four 1k V(N013)