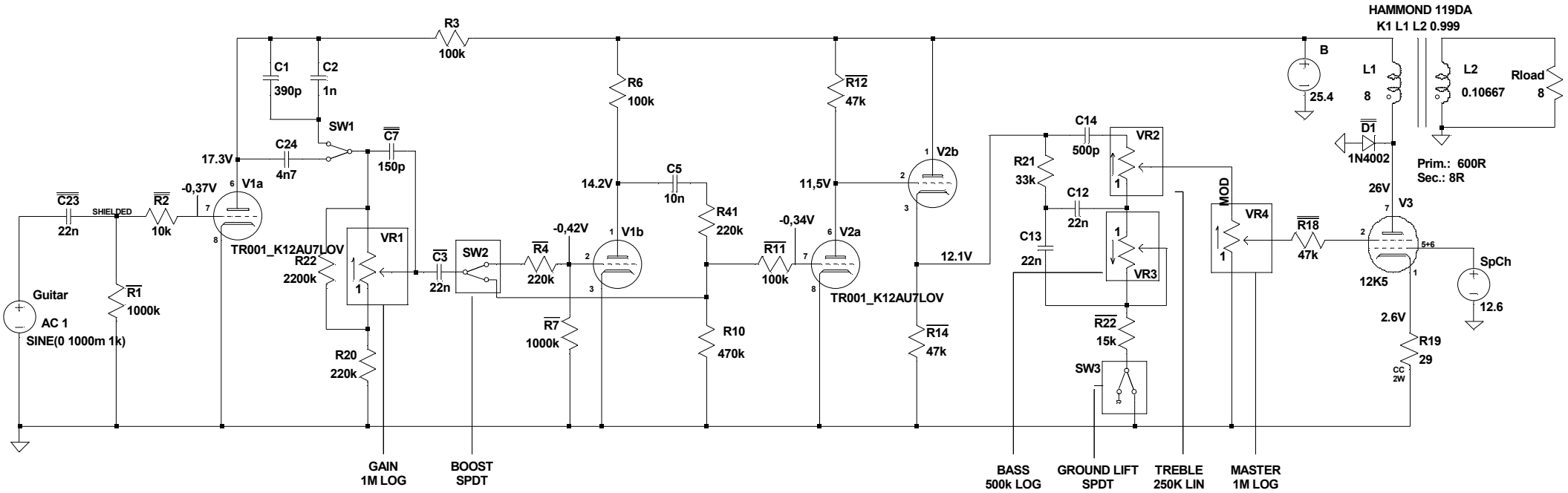



```
SIMUL     .ac dec 20 100 20k
          ;tran 4m
          ;op

GAIN      .param GAIN .75

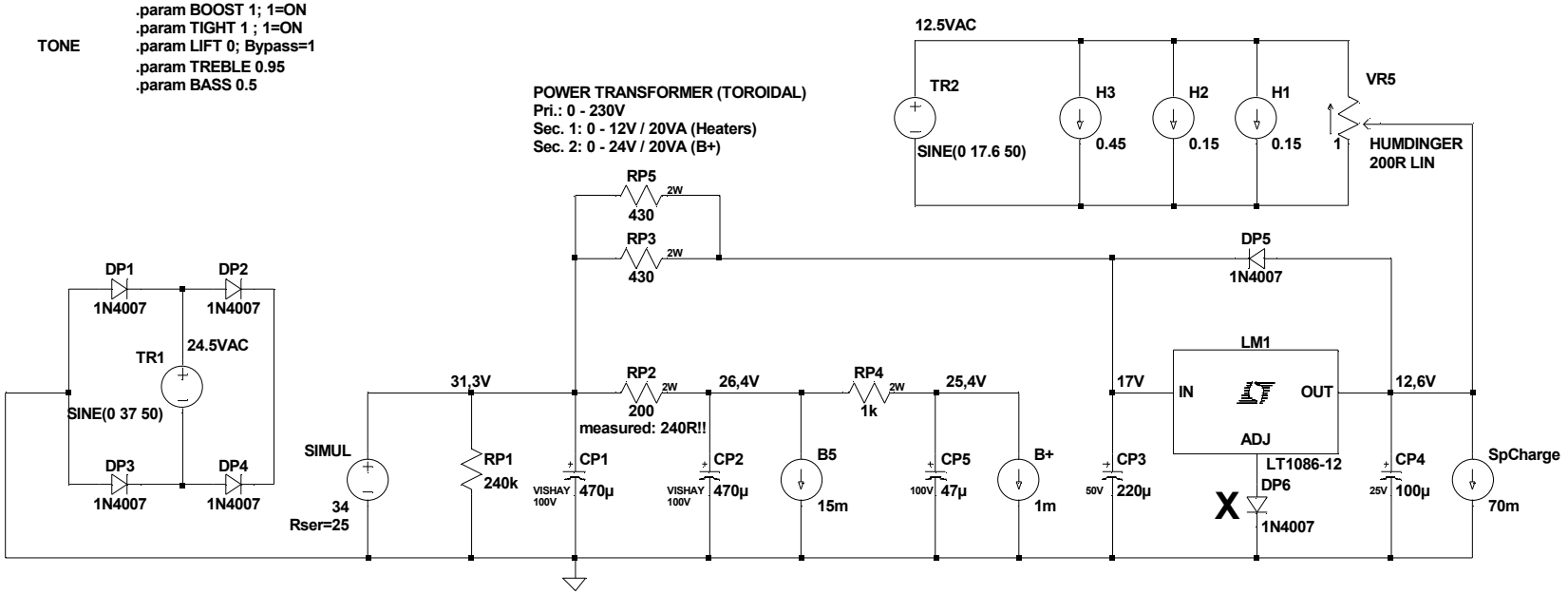
MASTER    .param MVOL .5

          .param BOOST 1; 1=ON
          .param TIGHT 1 ; 1=ON
TONE      .param LIFT 0; Bypass=1
          .param TREBLE 0.95
          .param BASS 0.5
```

POWER SUPPLY

IN: 233 VAC

POWER TRANSFORMER (TOROIDAL)
Pri.: 0 - 230V
Sec. 1: 0 - 12V / 20VA (Heaters)
Sec. 2: 0 - 24V / 20VA (B+)



MODIFICATIONS:

1- PSU upgraded (separate G2 & Pre)
2- Preamp re-voiced & with full grid bias
3- Clean channel (2 stages + CF)

TUBING:

V1 = KR 12U7
V2 = KR 12U7
V3 = GE 12K5

Measured output power:

CLEAN max. 50mW @ 8R
MAX OUT 250mW @ 8R

MEASUREMENTS:
- Performed after 5' heat up
- 8 Ohm load resistor
- No input signal
- GAIN & VOL turned to zero
- 100mVpp@400Hz for output measurement

ALL RESISTORS 1/2W UNLESS SPECIFIED

PROJECT: 12K5 SE - AMP		
DESIGN TITLE: FINAL UPGRADED CIRCUIT		
AUTHOR: Laurent	DRAWING NUMBER	REV: 3T
DATE: 2018.10.03	SIZE: A4	SHEET: 1 of 1

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