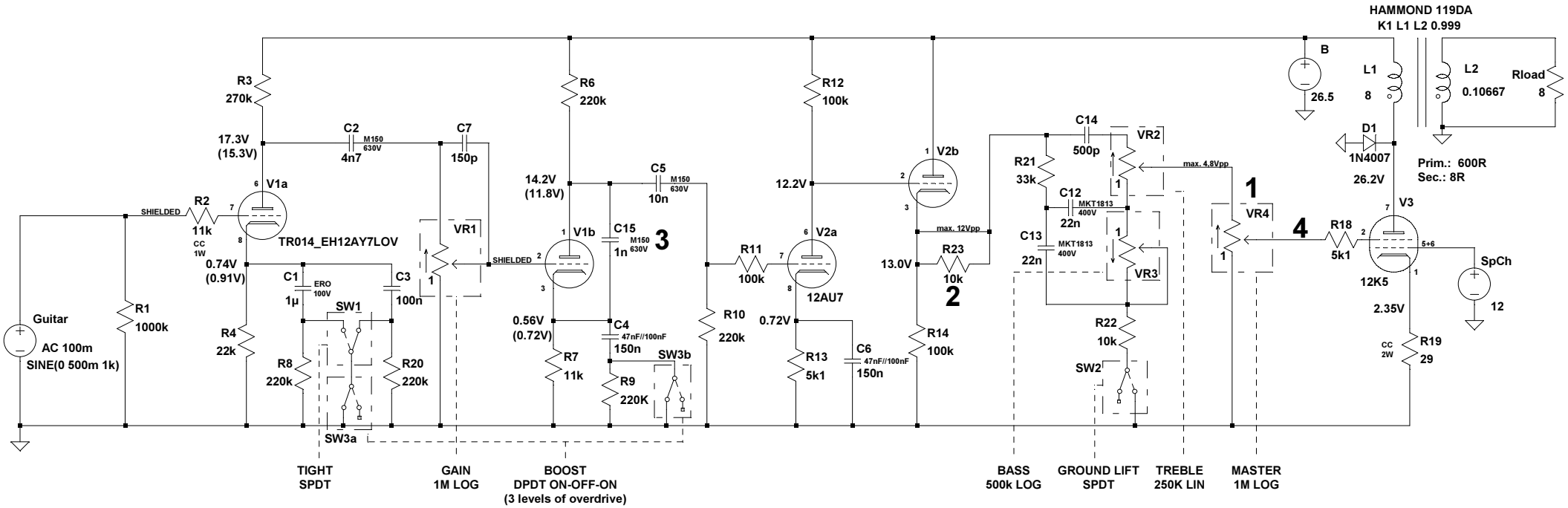
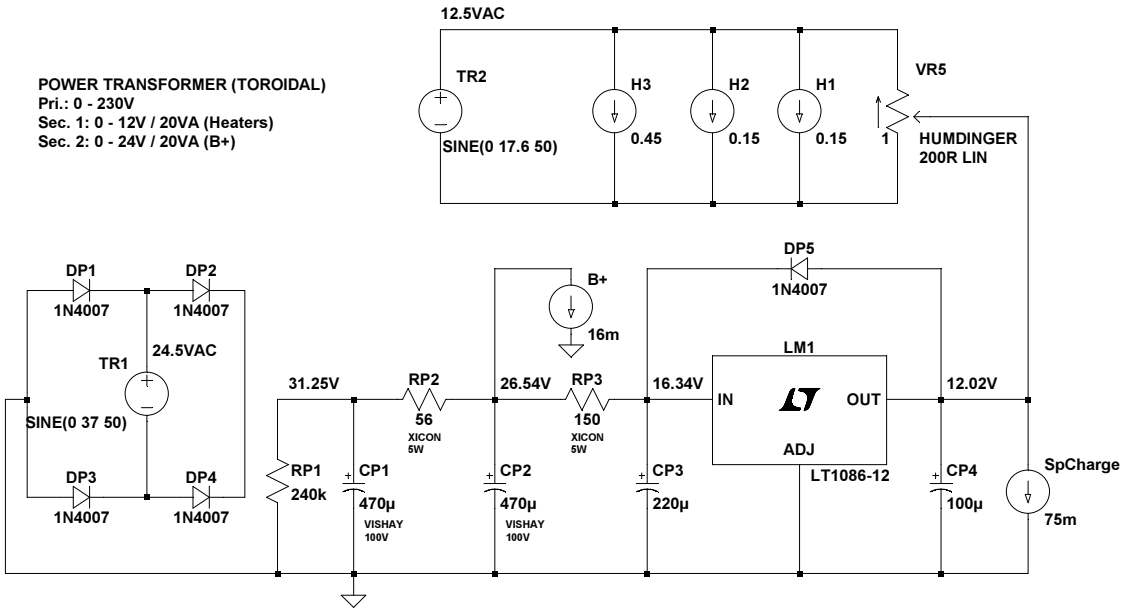


POWER SUPPLY

IN: 233 VAC

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




```
                ;ac dec 20 100 10k
SIMUL           .tran 50m
                ;op

GAIN            .param GAIN .5

MASTER          .param MVOL .5

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

MODIFICATIONS:
1- VOL-pot back to 1M log
2- Bypassed R23
3- C15 M150 instead of ceramic
4- Removed shielded wire to V3

Measured output power:
CLEAN max. 20mW @ 16R
MAX OUT 110mW @ 16R

TUBING:
V1 = EH 12AY7 (12AU7)
V2 = EH 12AU7
V3 = GE 12K5

ALL RESISTORS CARBON COMPOSITION 1/2W
UNLESS SPECIFIED

MEASUREMENTS:
- Performed after 5' heat up
- 16 Ohm load resistor
- No input signal
- GAIN & VOL turned to zero
- 100mVpp@1kHz for output measurement

PROJECT: 12K5 SE - AMP		
DESIGN TITLE: FINAL CIRCUIT		
AUTHOR: Laurent	DRAWING NUMBER	REV: 3S
DATE: 2015.10.04	SIZE: A4	SHEET: 1 of 1

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