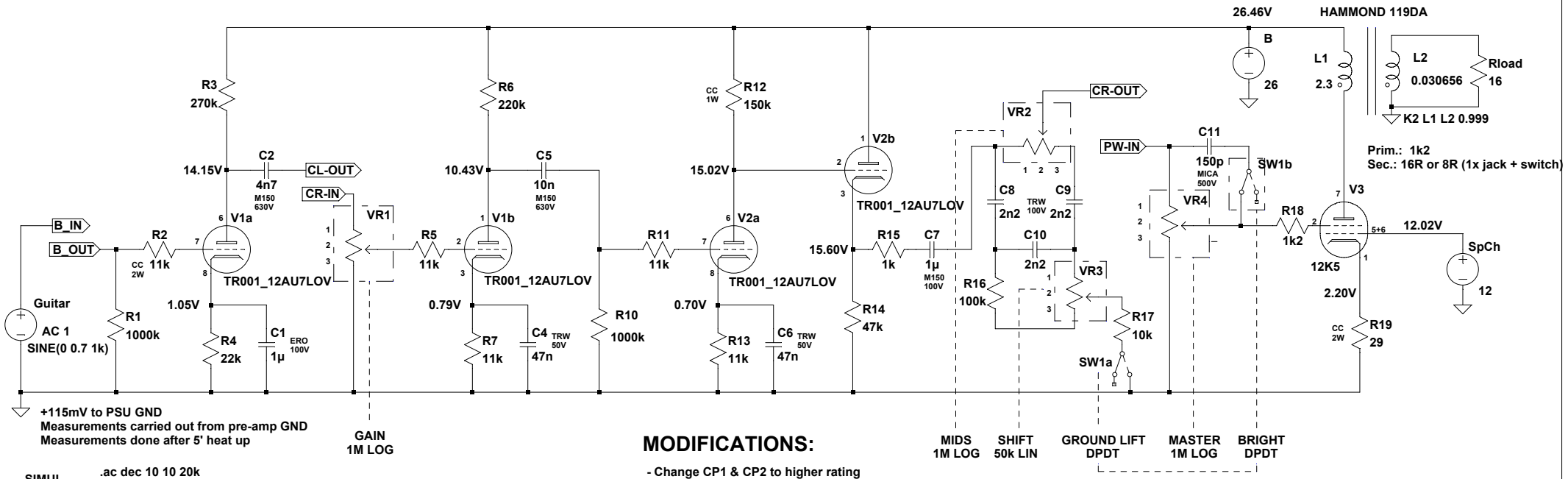


SIMUL

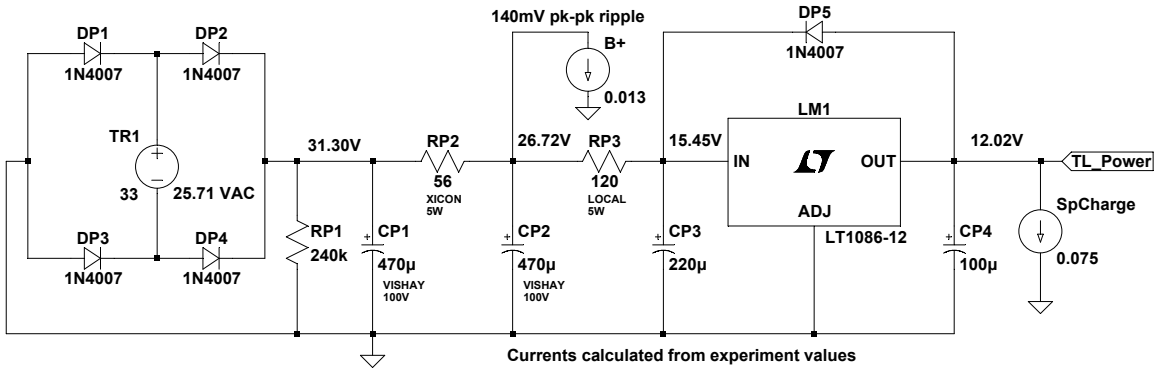
```
.ac dec 10 10 20k
;tran 15m
```

MODIFICATIONS:

- Change CP1 & CP2 to higher rating
- Add 3PDT switch for channel switching
- Add boost with TL071
- Change C4 value to 0.1u, test it and fix it.

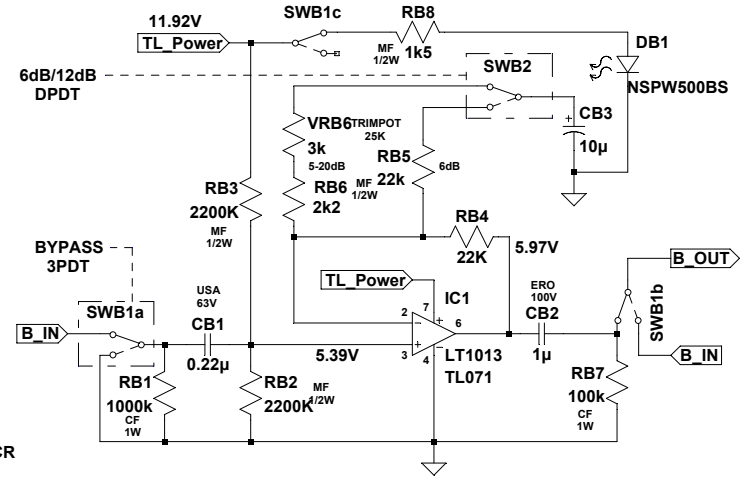
POWER SUPPLY

TR1: 220VAC - 24VAC / 10VA (0,42A)



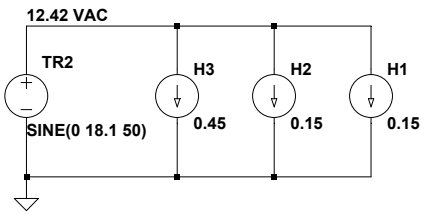
Currents calculated from experiment values

BOOST CIRCUIT



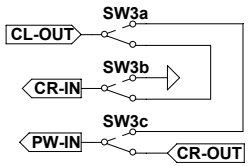
HEATER AC SUPPLY

TR2: 220VAC - 12VAC / 20VA (1.66A)



CHANNEL SWITCHING

3PDT switch



CHANNEL	.param CHANNEL 1 ;0=CL - 1=CR
GAIN POT	;.step param GAIN 1 0 0.1 .param GAIN 0.45
MASTER	.param MVOL 0.2
TONE	.param BRIGHT 0; 1=ON .param LIFT 1 ; Bypass=1 .param MIDS 0.1 ;wiper .param SHIFT 0.4 ;Shift wiper
BOOST	.param BOOST 0 ;Switch (1=ON) .param LEVEL 1;Switch (0=6dB, 1=5-20dB)

ALL RESISTORS CARBON COMPOSITION 1/2W
UNLESS SPECIFIED

PROJECT: 12K5 SE - AMP		
DESIGN TITLE: TEST CIRCUIT		
AUTHOR: Laurent	DRAWING NUMBER	REV: 3I
DATE: 2014.06.03	SIZE: A4	SHEET: 1 of 1

--- E:\04-Divers\07- Perso\Guitare\Projects\#3-12K5_SE-Amp\SPICE\V3-CathFollower\12k5_V3I.asc ---