

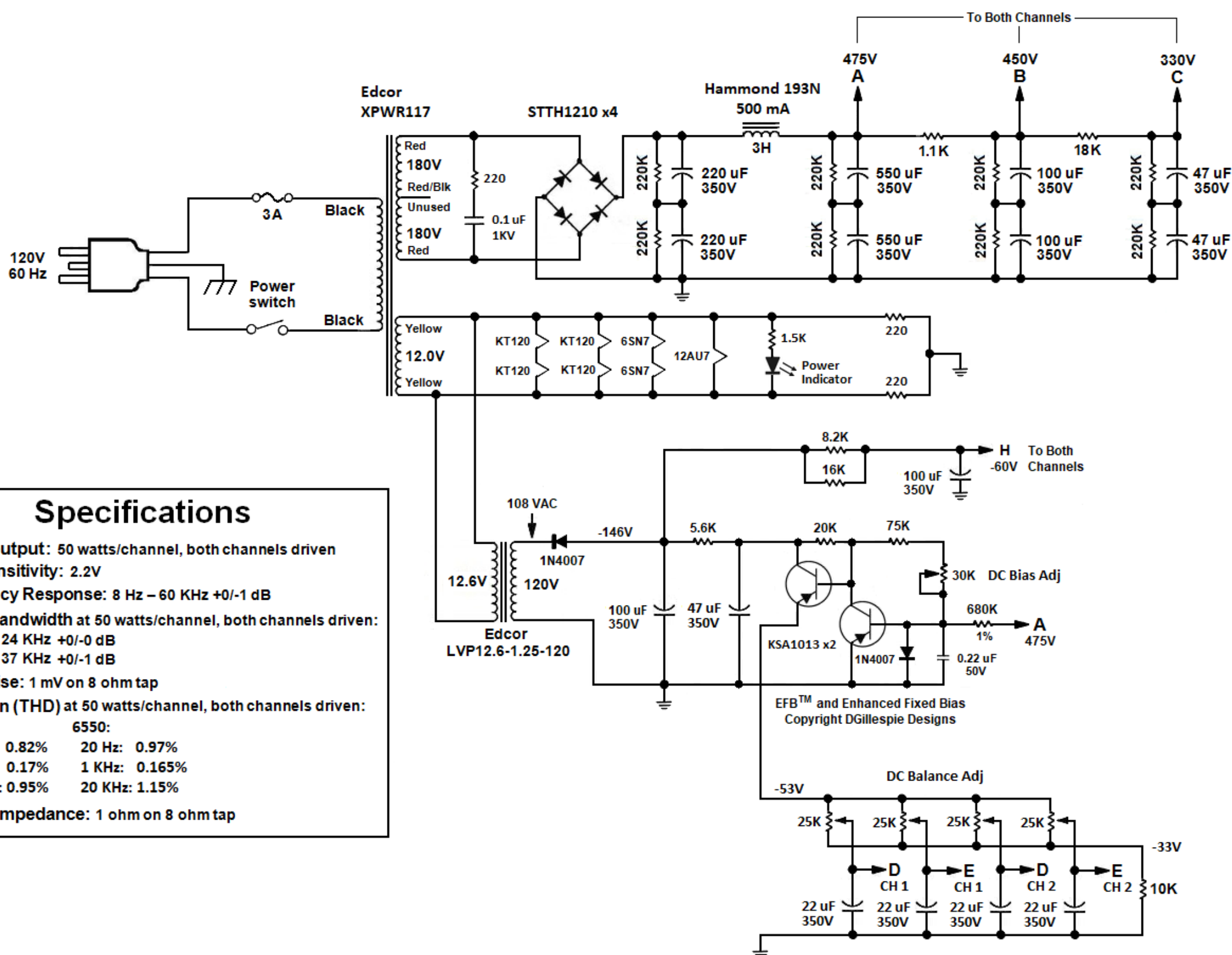
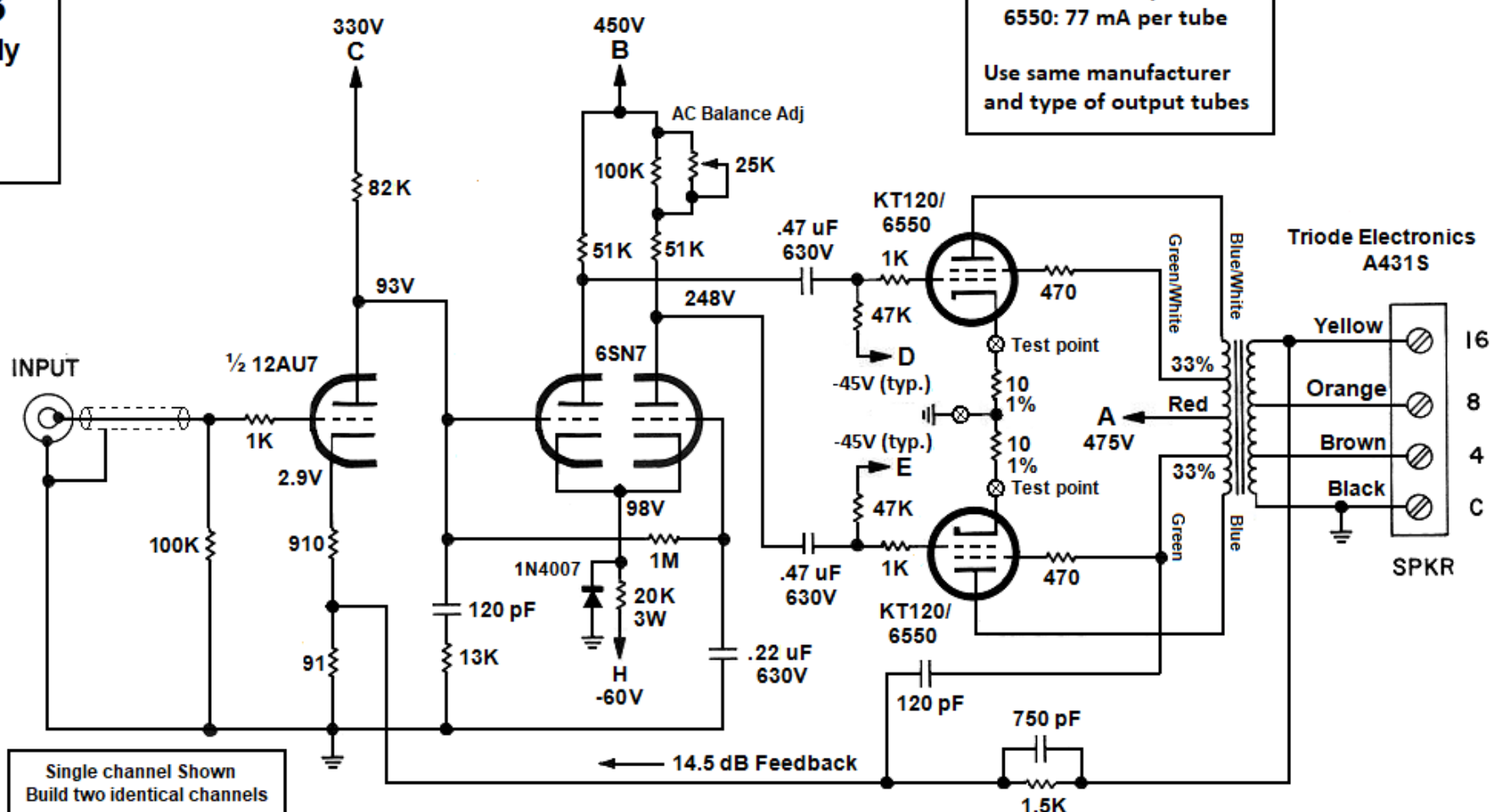
6/30/2018

Gain:
 12AU7 (closed loop) 2.2x
 12AU7 (open loop) 12.5x
 6SN7 each output to ground: 6.5x

Single channel Shown
Build two identical channels

Adjust output stage to:
KT120: 85 mA per tube
6550: 77 mA per tube

Use same manufacturer
and type of output tubes



Power output: 50 watts/channel, both channels driven

Input sensitivity: 2.2V

Frequency Response: 8 Hz – 60 KHz +0/-1 dB

Power Bandwidth at 50 watts/channel, both channels driven:

16 Hz – 24 KHz +0/-0 dB

16 Hz – 37 KHz +0/-1 dB

Hum/Noise: 1 mV on 8 ohm tap

Distortion (THD) at 50 watts/channel, both channels driven:

KT120:	6550:
20 Hz: 0.82%	20 Hz: 0.97%
1 KHz: 0.17%	1 KHz: 0.165%
20 KHz: 0.95%	20 KHz: 1.15%

Output impedance: 1 ohm on 8 ohm tap