



FIGURE 2. Candidate F6 #2

RESISTOR VALUES ARE 3 DIGIT AND MULTIPLIER AT .25 WATT UNLESS NOTED
CAPACITORS ARE IN MICROFARADS UNLESS NOTED. ELECTROLYTICS ARE 50V

Figure 8 shows the same comparison at 4 ohms. Again, a factor of 10 reduction until about 9 watts, where the older circuit clips and the newer circuit goes on to hit 1% distortion at 35 watts.

Figure 9 shows the distortion vs frequency for the two circuits. Alas, the dramatic improvement doesn't hold up as well at high frequencies, which we will be addressing in part 4.

The damping factor of the newer circuit is approximately 40, for an output impedance of about .2 ohms, five times better than the older circuit.