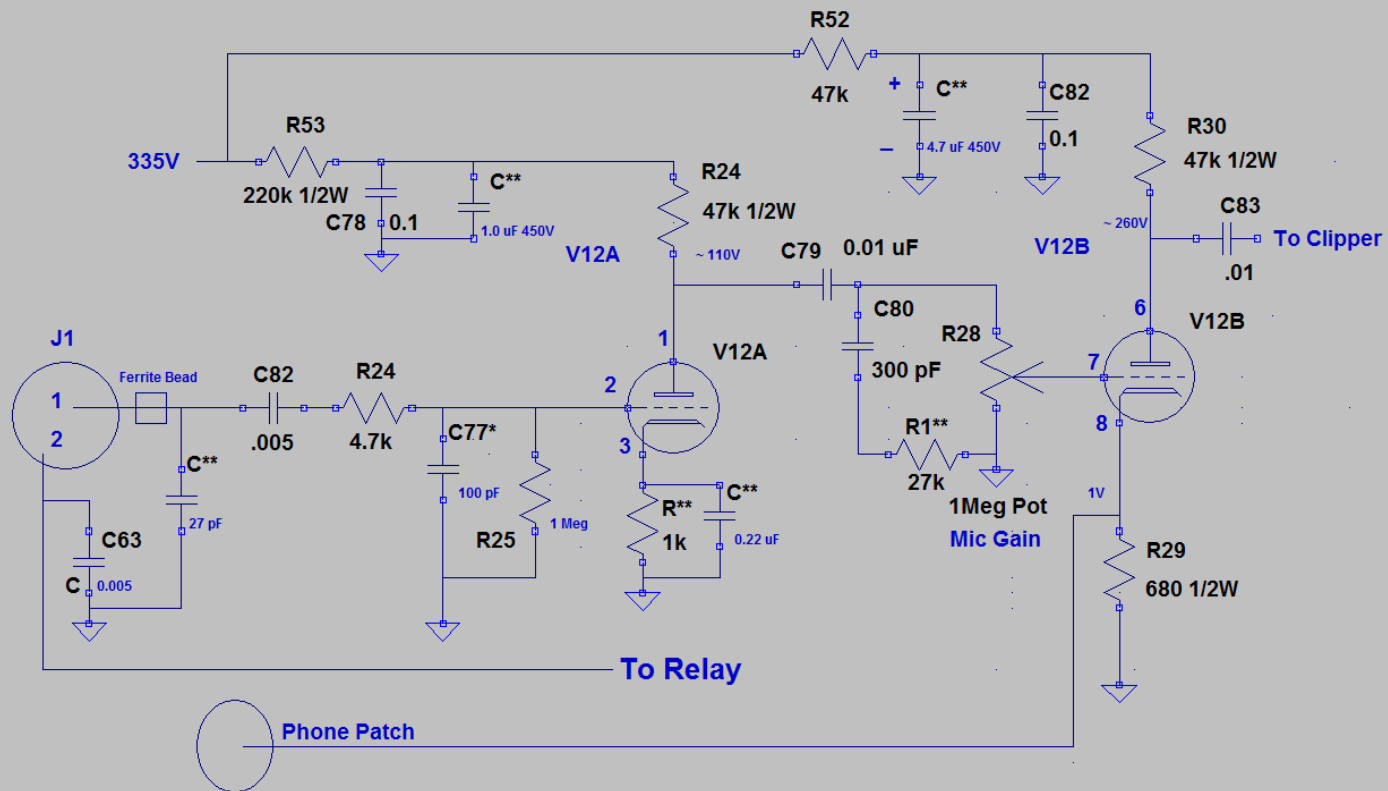
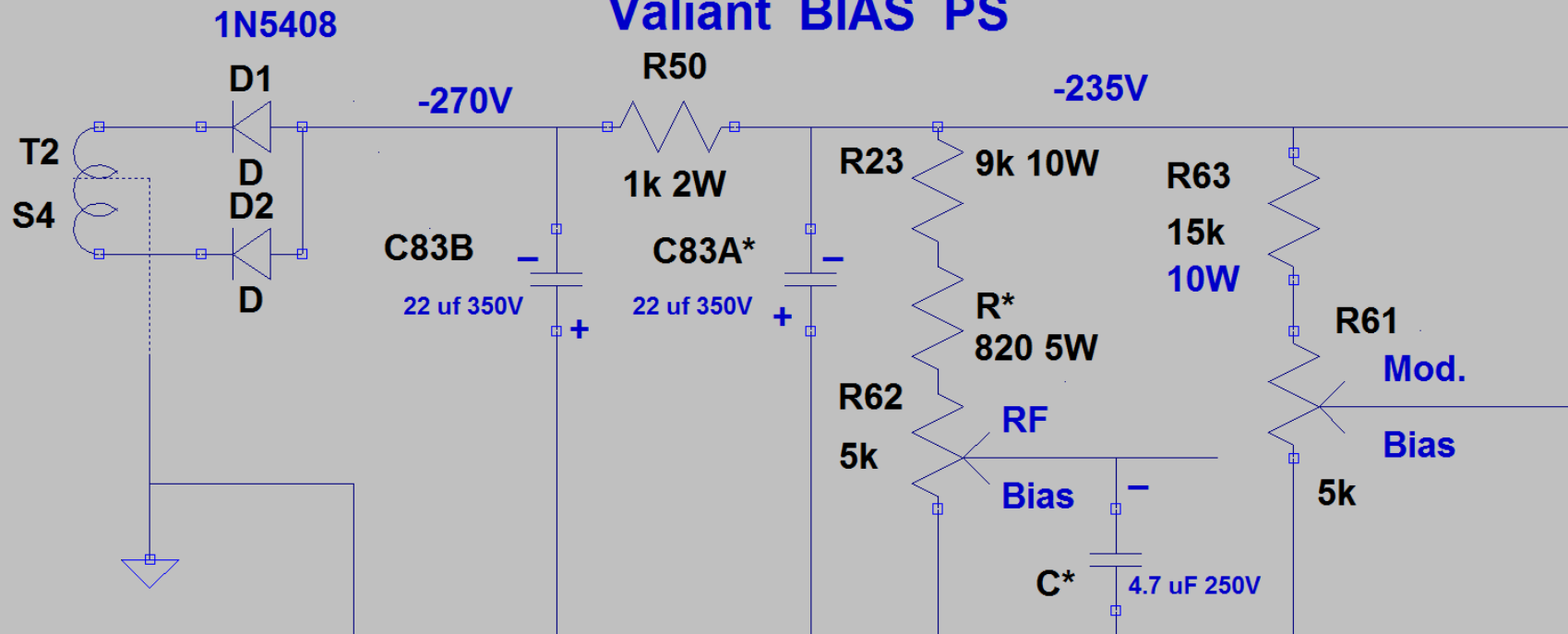


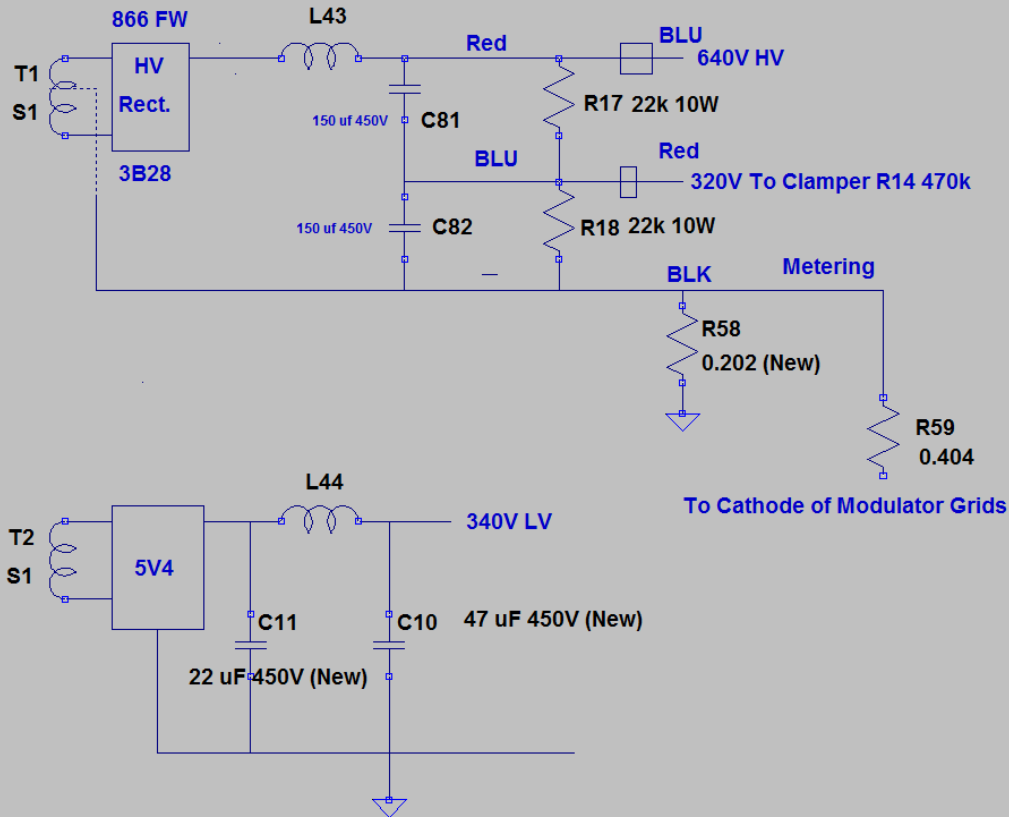
Vialiant Speech Amplifier



Valiant BIAS PS



Valiant HV and LV PS



Voltage and Current Readings at Keydown

Input Voltage: 120VAC

Frequency: 3.880 MHz (75m)

Mode: AM

HV: 650V

LV: 340V

Final Plate Current: 375 mA

Final Plate current at idle with no RF drive, set by Clamp Tube circuit to 10mA; $SG_v = 210V$

Final Grid Current: 6.5 mA

Final Grid Voltage **Bias** at bottom of R57: -70V

Modulator Plate Current as per Manual: -55mA

Power Output: 120 Watts