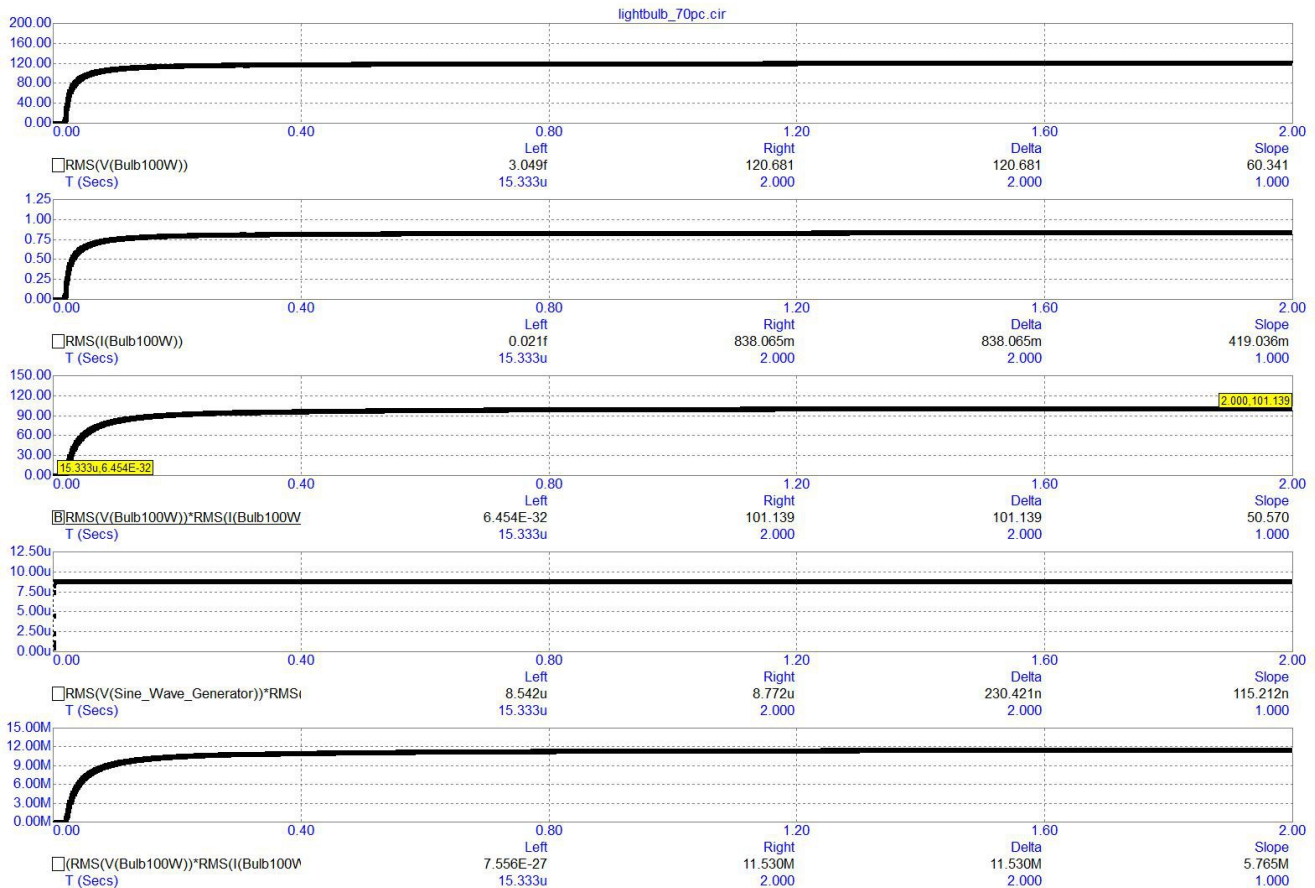
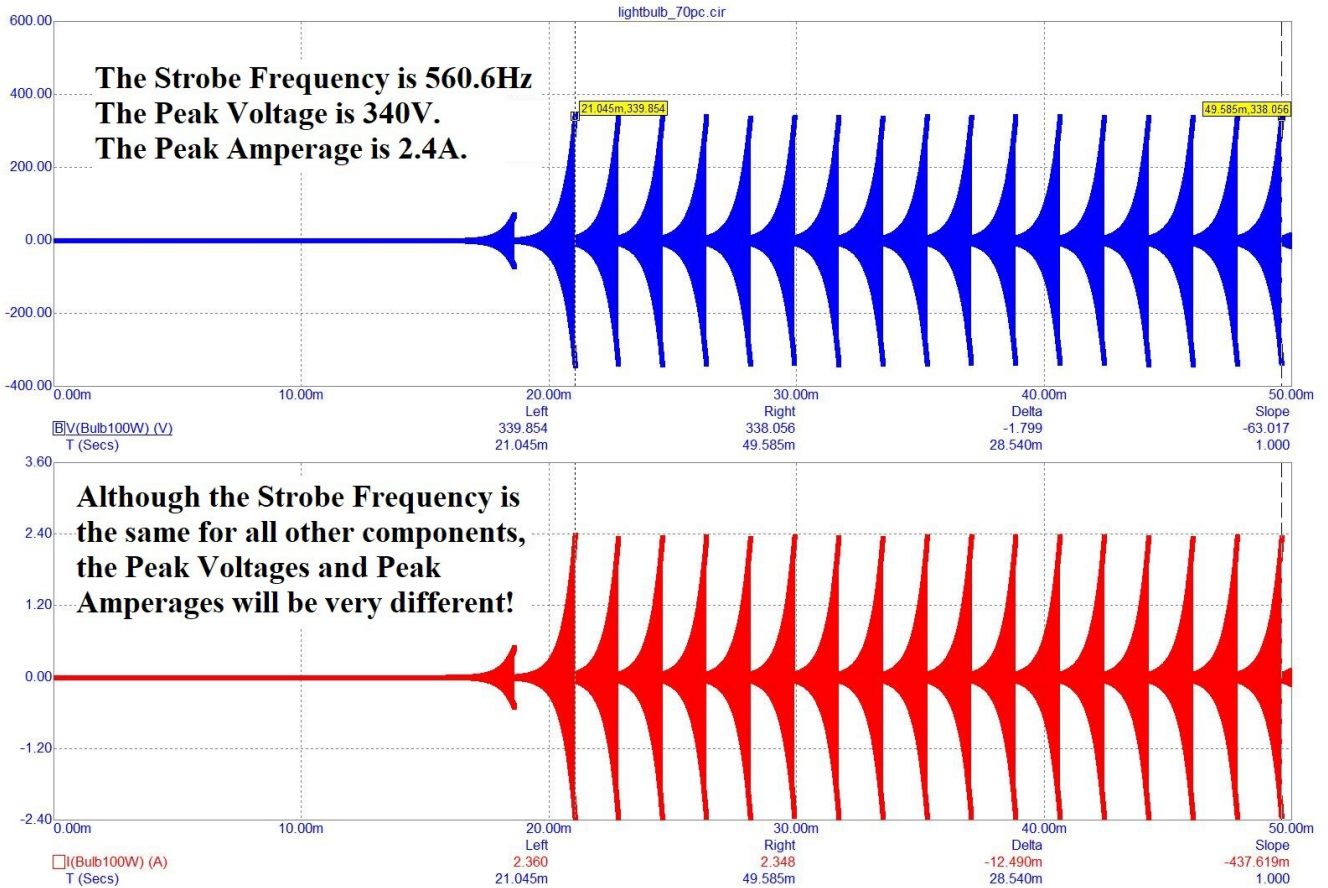
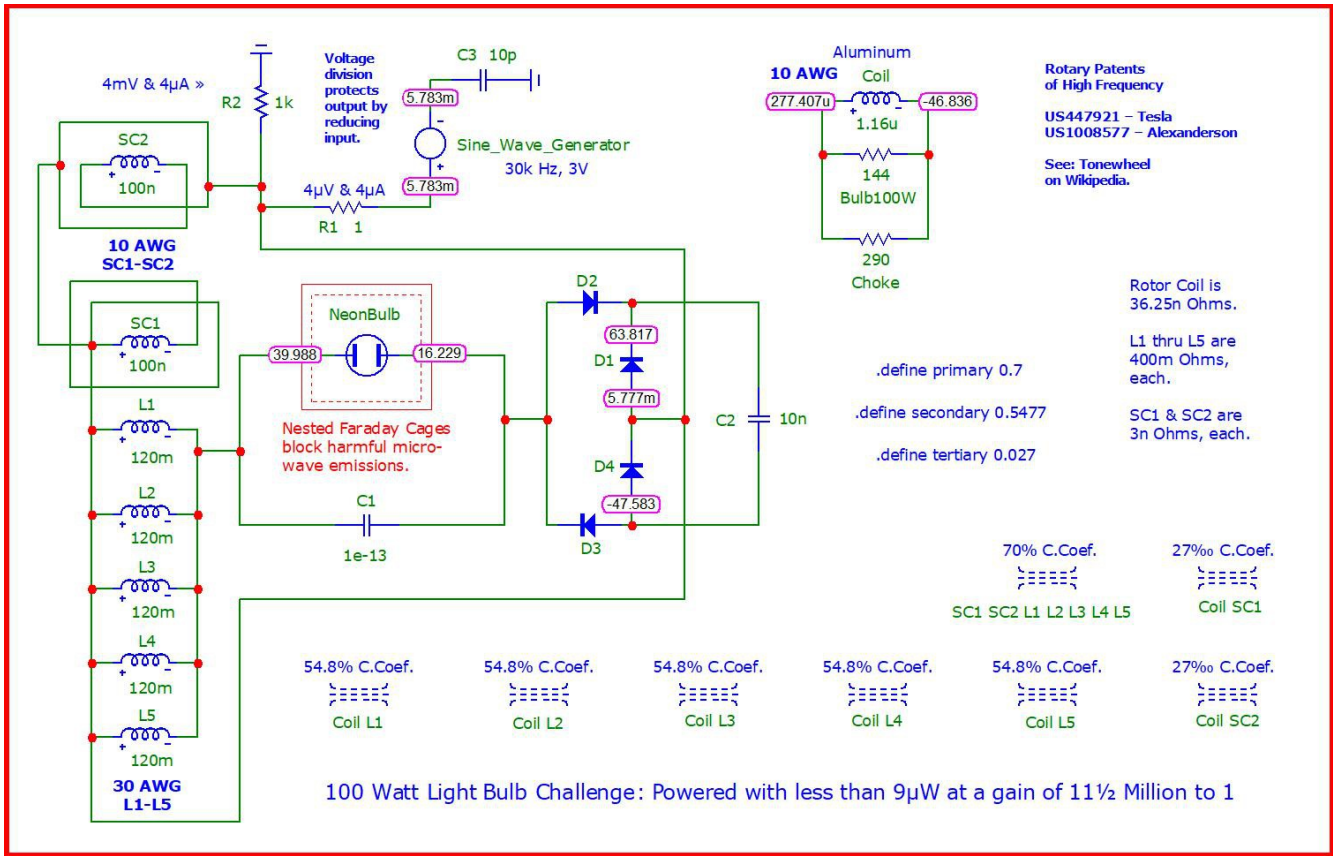


# Varying the Mutual Inductances

Modifying the primary coupling to be 70% (rather than 99.9%), and keeping every other parameter the same, will automatically require modification to the secondary and tertiary couplings. It will also require a decrease of inductance at the aluminum coil plus the addition of a resistive short across the light bulb (labeled, “choke”) in order to produce 100 watts and 120 volts at the resistor, labeled: “Bulb100W” representing the tungsten filament within a 100-watt incandescent light bulb ...





By comparison, using a primary magnetic coupling of more precisely the Golden Ratio of 0.618034 yields a slightly amplified output requiring a weaker “choke” ...

