500 KHz RF Power Amplifier
by W5JGV
13 Dec 2008

C1 - 50 - 300 pF  5 KV
C2 - 50 pF - 5 KV Fixed Vacuum + 830 pF Mica, 10 KV
L1 - 108 uH - 24 turns bare #10 wire, double spaced.
Coil Form - 5" Long x 8" Dia
L2 - 8 turns #12 THHN wound over cold end of L1
Coil is tapped every turn. 50 Ohm load at 6 turns.
L3 - RF Sample Loop - 1 turn wound over cold end of L2.
RFC1 - 1.46 MhY - #32 enameled copper wire wound to a length of 5.75" on a ceramic insulator which is 1" Dia x 6.75" Long
T1 - RF Driver Transformer (See Driver Schematic)
T2 - Filament Xfmr, 5 VCT @ 15A
V1 - 4-250 or 4-400A