HVGEN32
Adjustable High Voltage Power Supply

Notes:
1. Horizontal drive transformer (T1) was from small B/W video monitor.
2. Flyback transformer (T2) was from Mac-Plus computer monitor. Original primary windings were removed.
3. Component values are not critical.
4. Output may exceed 25,000 V at certain combinations of frequency and pulse width with 24 V power – could destroy. The sparkgap provides some protection.
5. Input power was current limited to about 5 A.
6. Good heatsink important on Q2 for continuous operation.

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Title
Adjustable High Voltage Power Supply
Size
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Date: September 23, 2002
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