

6. Record the voltage displayed on the scope and use it as your reference for future tune-ups.
7. This completes the procedure. Continue with normal bias peaking observed for your particular machine and tape brand.

SUMMARY:

The procedure outlined describes a technique to optimize any given 280B oscillator circuit regardless of age. In effect, you are making minor compensations to make up for vendor variations, violations in troubleshooting techniques, etc. It is felt that a few extra minutes spent in "peaking" this circuit will improve the overall operation and extend the lifetime considerably.

As an incidental note, we sampled an ideally tuned circuit at TP-1 with a common Simpson 260VOM and found the readings to be about 10 volts AC. However, this reading varied from test instrument manufacturing so much that an average guideline could not be reliably established.

JOHN CYR  
3/12/80