

## SR-2000 TUNE UP

Read section 5-4-A through H in the hallicrafters **Operation and Service** manual, carefully, several times. Section 5-4 covers the tune up procedure very well. **Carefully read through 5-4-D through 5-4-H.** The last thing you want to do is punch a hole in the tube's screen.

The use of an external wattmeter like a THRULINE highly recommended in the tune up procedure. REF: section 5-4-D. When using the external wattmeter the front panel meter switch can be left in the SCREEN MA position. This simplifies the tune-up and reduces chances of harmful errors.

So now you're ready to start. The procedure in the manual is good but several issues need to be reinforced:

- Keep the transmit time (duty cycle) very short.
- PRESET PLATE LOAD (chart page 17 )
- Keep the transmit time (duty cycle) very short.
- Advance the RF until plate current starts to move up (will require fine tuning of the PRESELECTOR).

**Continually monitor the SCREEN MA and keep below 20ma using the load control.**

- Keep the transmit time (duty cycle) very short.
  - Dip the plate current with the PLATE control.
- Continually monitor the SCREEN MA and keep below 20ma using the load control.
- Keep the transmit time (duty cycle) very short.
  - Once the PRESELECTOR and PLATE controls are initially set proceed to section 5-4-E and 5-4-F.

**Hint: Continually monitor the SCREEN MA and keep below 20ma using the load control. Keep the duty cycle short.** I tune up in CW mode with the J37 plugged into the key jack. When I want power I key down. That way I do not inadvertently stay in the TUNE condition too long.