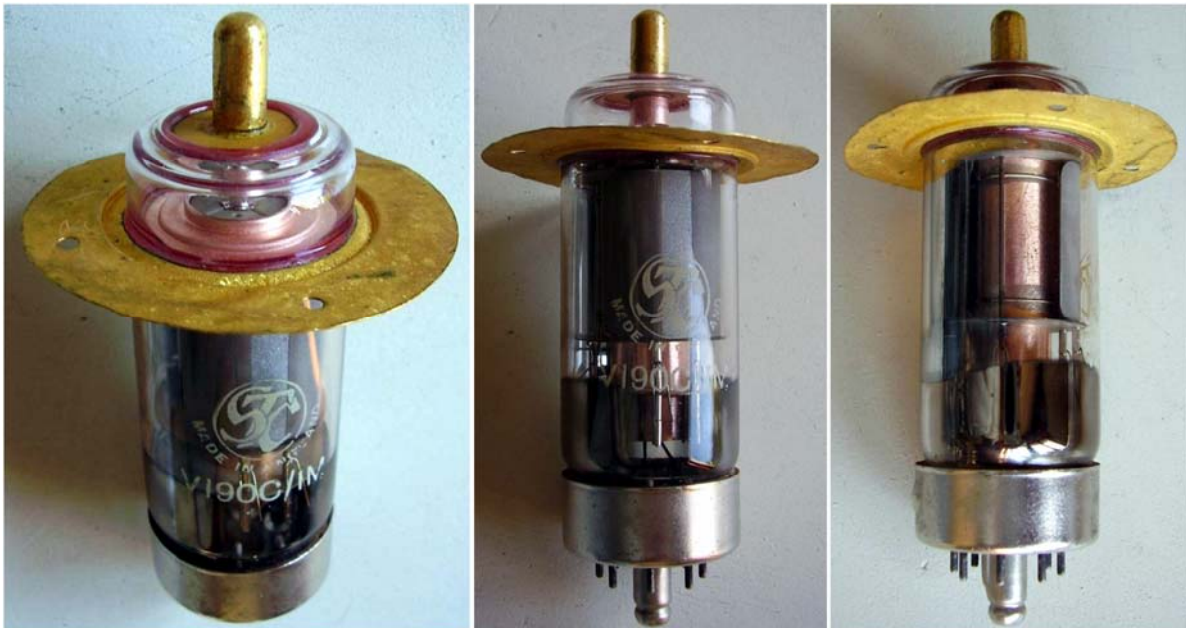


## V190C/1M - Heil Oscillator



Click to enlarge

This Heil tube was intended to operate in the low UHF region. Depending upon the external cavity it could oscillate from 470 MHz up to 1 GHz. Minimum out power could reach 2 W at higher frequencies, from 800 to 1000 MHz, operating the tube at 180 to 270 V resonator voltage, 80 mA beam current. At lower frequencies the tube could be operated at 180 V resonator and 40 mA beam current, giving in output 0.25 W minimum.

Here a [short description](#) from the STC condensed catalog of microwave devices.