NT39 – CV1222 – DRAFT 813 – Transmitting Triode

External anode transmitting triode. Integral finned radiator requiring forced-air cooling. Ceramic 4-pin bayonet base. A neat example of copper to glass seal derived from the GEC CAT large transmitting tubes and then scaled down to smaller tubes, referred to as ‘catkins’. Catkins will soon evolve in the micropup VHF tubes, moving the grid supporting and connecting rod to a second glass dome sealed to the top of the anode cylinder.

Used in British Wireless Set No. 23 long-range transmitter.

Filamentary cathode, 1.65 amps at 10 volts.

75W plate dissipation, 1500 volts max anode voltage, 22 amplification factor. 37 MHz max operating frequency at 75% anode rating.

The tube derived from GEC ACT6 prototype. It was first coded as AT75 or Admiralty Draft 813 or even as NR39, later approved as CV1222.

Spec sheet for service type **CV1222** (NT39, AT75).