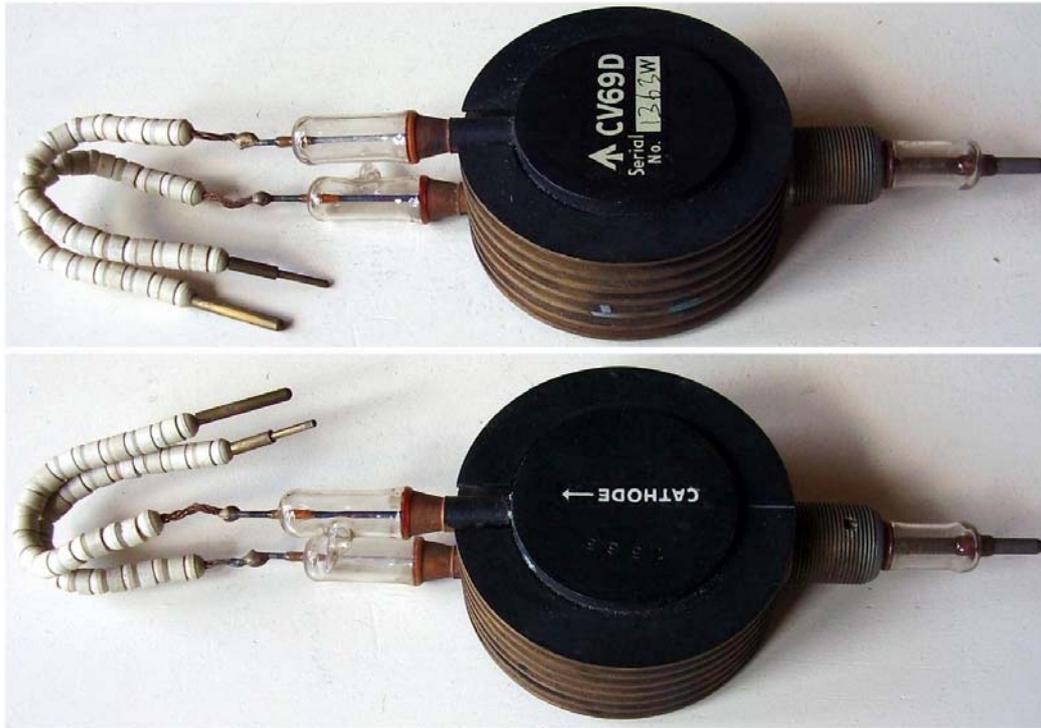


## CV69D / CV1478 - Magnetron, High-Power Pulse



- Click on image to enlarge.

This is one of the first strapped magnetron, derived from the E1189 design operating at 9.5 cm and used in the Type 271 Naval radar among the others. The initial strapped CV69 fixed frequency design was capable of operating at 1 MW peak input power, giving 450 kW typical in output. By appropriately bending the strapping jumpers it was possible to slightly vary the resonant frequency of the entire cavity system. Therefore the CV69 gave origin to four frequency variants, identified by an A to D suffix. Later different specs were assigned to each frequency variants according to the following table:

- CV1475 = CV69A
- CV1476 = CV69B
- CV1477 = CV69C
- **CV1478 = CV69D**

Spec sheet for [CV1475 through CV1478](#).