

227 – VHF Pulse Oscillator



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In the late thirties Eimac introduced several VHF tubes capable of pulsed operation in VHF bands then used for the very early radars. Among the most powerful types, all probably derived from the 100T, we find the [VT-127A](#) and the 227, soon replaced by the [227A](#). Four 227A were used in the 200 MHz ring oscillator of early radar systems made for US Navy around 1938, as the SC-1 and the SK-1.

This sample is the undocumented early 227 type, whose existence was proved only in 2011 with the arrival of two pieces marked 227 from an ebay auction. Other samples are in the collection of Norman Wilson. Almost certainly the grid was made of platinum wire, to prevent emission when heavily driven positive.



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