Chain Home RADAR tower, courtesy Wikipedia
The anode block of an early cavity magnetron as built by Randal and Boot showing the initial 6 cavity resonators, courtesy Wikipedia.

Cavity magnetron microwave tube without the magnet and with a section removed to display the internal structure, courtesy Wikipedia.

Randall and Boot's original 1940 cavity magnetron, courtesy Wikipedia.
H2S RADAR scanner fitted below an aircraft where the dipole antenna is replaced with a waveguide and reflector, courtesy Wikipedia

H2S RADAR display unit as flown during World War 2, courtesy Wikipedia