

Security Classification: Confidential

Type 4J43-4J44
MAGNETRON

GENERAL CHARACTERISTICS

Electrical

Filament or Cathode
Voltage
Current

Cathode
16 volts
3.1 amps

	<u>Type</u>	<u>Min.</u>	<u>Max.</u>
Frequency	4J43	2992	- 3019 Mc
	4J44	2965	- 2992 Mc
Field Strength		2700	gauss
Peak Power Output		750	kilowatts

Mechanical

See outline drawing

Maximum Ratings (Peak values for duty cycle specified)

Duty Cycle	500
Anode voltage	30 kilovolts
Anode current	75 amps
Anode dissipation	500 watts

Sponsor: Raytheon Manufacturing Company - Power Tube Division

from RMA release # 456, Nov. 23, 1945

**TYPES 4J31-4J35
4J43-4J44
4J53**

RAYTHEON

**TYPES 4J31-4J35
4J43-4J44
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TECHNICAL INFORMATION MAGNETRON OSCILLATOR

OUTLINE DRAWING

