



RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT

Release No. 442

October 5, 1945

RMA TYPE 2J64

sponsor:
Sperry Gyroscope Co., Inc.

Magnetron

GENERAL CHARACTERISTICS

Electrical

Filament or Cathode	Coated Unipotential
Voltage	6.3 volts
Current	1.3 amp
Frequency	1.4 kMc

Typical Operation

Field Strength	900 gauss
Pulse Duration	2 usec
Repetition Rate	26000 per sec
Anode Voltage	3000 volts
Anode Current	52 mamps
Peak Power Output	600 watts

Maximum Ratings (for specified duty cycle)

Peak Anode Voltage	5000 volts
Peak Anode Current	1.5 amps
Anode Dissipation	180 watts
Duty Cycle	.052
Anode Temperature	100°C

Tube shall not be operated longer than 5.2 usecs
in any 100 usec interval.

Cooling: Forced air

