



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
Voltage
Current
Frequency

Coated Unipotential
6.3 volts
1.3 amp
1.4 kMc

Typical Operation

Field Strength
Pulse Duration
Repetition Rate
Anode Voltage
Anode Current
Peak Power Output

900 gauss
2 usec
26000 per sec
3000 volts
52 mamps
600 watts

Maximum Ratings (for specified duty cycle)

Peak Anode Voltage
Peak Anode Current
Anode Dissipation
Duty Cycle
Anode Temperature

5000 volts
1.5 amps
180 watts
.052
100°C

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

Cooling: Forced air

