



RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT

Release No. 444

October 5, 1945.

sponsored by:
 Sperry Gyroscope Co., Inc.

Type No. 1B44

ATR Gas Switching Tube - Fixed Tuned - S_g Band

GENERAL CHARACTERISTICS

Rating - Transmitter Peak Power 20 KW min.

ELECTRICAL

- a) Resonant frequency 2750 Mc. $\pm \frac{1}{2}\%$
- b) Loaded Q Q_L -----4.5 Max.
- c) Tuning Susceptance (B/Y₀) $\pm .05$
- d) Equivalent Conductance (G/Y₀) ---0.1 Max.

MECHANICAL

- Ionizable Medium Argon
- Permissible mounting position Any
- Maximum Dimension See outline drawing
- Ambient temperature -50 to + 100°C

