

## TVG-2

### TECHNICAL DATA

#### A. POWER SUPPLY SOURCES

Rating ----- 110-120 volts, 50-60 cycle A.C.  
Power Consumption ----- (50) watts  
Fuse Protection ----- 1-1/2 amperes

#### B. PHYSICAL DIMENSIONS

Height ----- 12-1/2 inches  
Width ----- 19 inches  
Depth ----- 7-1/2 inches  
Weight ----- 30 pounds

#### C. TUBE COMPLEMENT

1 - Type 6C4 ----- Variable Sweep Oscillator  
1 - Type 6C4 ----- FM Oscillator  
1 - Type 6AK6 ----- Variable Marker Oscillator  
1 - Type 6J6 ----- Audio Modulator & Crystal Oscillator  
1 - Type 6 X 4 ----- Power Supply Rectifier  
1 - Type OA2 ----- Power Supply, Voltage Regulator  
1 - Type IN48 (Crystal diode) ----- Beat Detector Mixer  
1 - Type 6AS6 ----- RF Mixer

#### D. SWEEP FREQUENCY OSCILLATOR

1. Ranges (all fundamental)
  - a. 30 KC to 38 MC.
  - b. 38 to 108 MC
  - c. 174 to 216 MC
2. Sweep Width  
0-18 MC in 8 steps
3. Sweep Frequency  
60 cycles
4. Forward or Reverse Sweep

#### E. VIDEO SWEEP

1. Sweep Width
  - a. 30KC to 18 MC in 8 steps
  - b. Sweep linear out to 5 MC.
2. Sweep Frequency  
60 cycles
3. Forward or Reverse Sweep