

F. MARKER FREQUENCY OSCILLATORS

1. Variable Marker Ranges
 - a. 4 to 8 MC (8-16 MC Harmonic)
 - b. 16 to 29 MC
 - c. 27 to 54 MC (54 to 108 MC, 108 to 216 MC harmonic)
2. Crystal
 - a. Separate crystal oscillator
 - b. Crystal jack on front panel
3. Calibrate

Provision made for both variable and crystal markers simultaneously with headphone jack for audible beat calibration.

G. OSCILLOSCOPE TIMING

60 cycle horizontal timing axis voltage with blanking or double pattern selection.

H. RF OUTPUT

1. Continuously variable from 0 to .25 volts with attenuator ratios of 1:1, 10:1, 100:1, 1K:1, 10K:1.
2. Video output 0 to .5 volts peak to peak on recommended **ATTEN RATIO, 1K-VIDEO SWEEP** position.

I. 400 CYCLE MODULATION

Provided for use with either Variable or Crystal markers.

J. VIDEO MODULATION

Provision made for modulation of RF output by external video signal.

K. OUTPUT IMPEDANCE

Impedance constant at 93 ohms on all ranges except the 10K range which is 300 ohms.

OPERATING CONTROLS

A. POWER - "ON-OFF"

The master power switch controls the "standby" power to the TVG-2.

B. SWEEP CONTROLS

1. SWEEP "ON-OFF-REVERSE" positions apply to the Sweep Oscillator. This switch turns ON or OFF and selects the direction of sweep so that the pattern on the oscilloscope screen may be reversed from left to right or right to left for direct comparison with standard patterns.