

- o. Set the oscilloscope Vertical Gain-Controls to the maximum position (Set the oscilloscope on the Hi Sensitivity position).
- p. Turn the R.F. OUTPUT Control up until a pattern of the desired amplitude is obtained. (Use the smallest amount of signal necessary from the TVG-2 to prevent overloading the circuit under test). A properly aligned set will have a response as shown in Figure 1.
- q. If desired, the zero beat can be shifted to the "Left" or "Right" of the waveform by adjusting the Sweep Generator Tuning Dial.
- r. If desired, the waveform can be reversed from "Left to Right" or "Right to Left" to compare with a standard photograph or drawing by throwing the Sweep Generator SWEEP Switch to the "ON" or "REVERSE" position.
- s. If a single pattern with a base line is desired throw the BLANKING - DOUBLE PATTERN Switch to the blanking position.

NOTE: The following three steps will not be necessary if you are using a Video Marker Box.

- t. Turn the Marker Generator MARKER Switch to the "Variable" position and the RANGE switch to the "A" Band Position.
- u. Turn the Marker Generator Tuning Dial to the 4.5 MC position.
- v. Turn the MARKER OUTPUT Control up until a marker pip appears on the waveform. (In some cases the 4.5 MC trap will not allow a marker signal through although the MARKER OUTPUT Control is at the maximum position. In this case turn the Marker Generator Tuning Dial back and forth around the 4.5 MC point. When this is done the Marker Signal will appear alternately on either side of the 4.5 MC trap allowing an accurate approximation of the frequency to which the 4.5 MC trap is tuned.)
- w. Adjust the 4.5 MC trap. (Point 3 of Figure 6) for a response as shown in Figure 1. (Some sets do not have this trap).
- x. Disconnect all gear from the set under test.

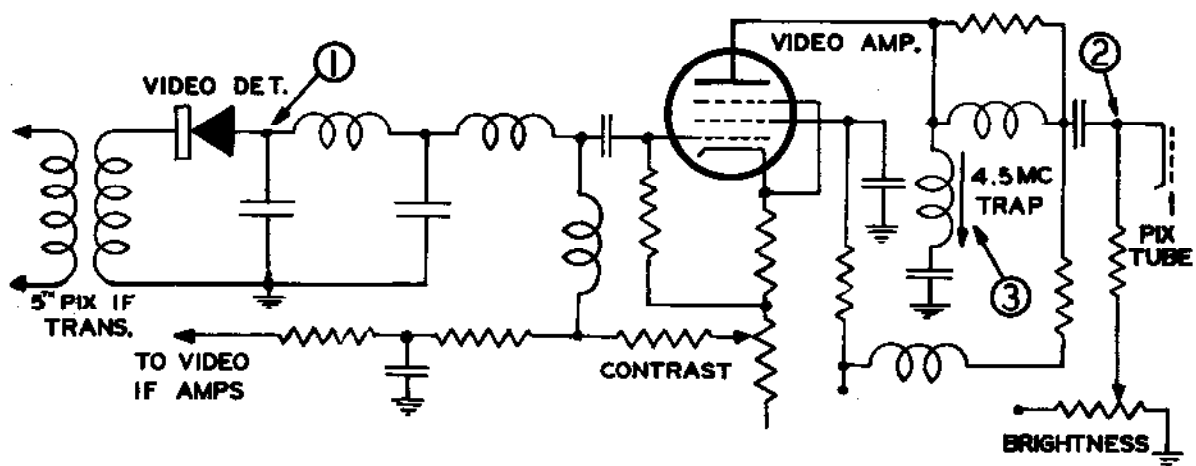


Fig. 6 TYPICAL BLACK & WHITE VIDEO AMPLIFIER