

- e. Change Marker dial to 23.4 megacycles and adjust the slug of the Video Det. IF Transformer (Point 9 on Figure 8) to give maximum Vertical deflection.
- f. Recheck trap adjustments.
- g. If receiver oscillates during alignment, the best remedy is to short the grid of the preceding stage to that being aligned with a .001 Mfd. condenser and connecting the TVG-2 output into the grid of the stage being aligned. When this method is used, alignment is started at the last IF stage and the procedure is toward the converter stage which is aligned last. It makes very little difference which method is used as long as each stage is properly adjusted to the assigned frequency of the stage being aligned.
- h. Over-all visual response curve of the Video IF Stages is accomplished by leaving the connections of the TVG-2 and CRO as they were for the above alignment.
- i. Turn Marker & Modulation Switches off.
- j. Set Sweep Generator dial to approximately 23 MC on Range C and the Sweep deviation to 9 MC.
- k. Turn on Sweep Generator.

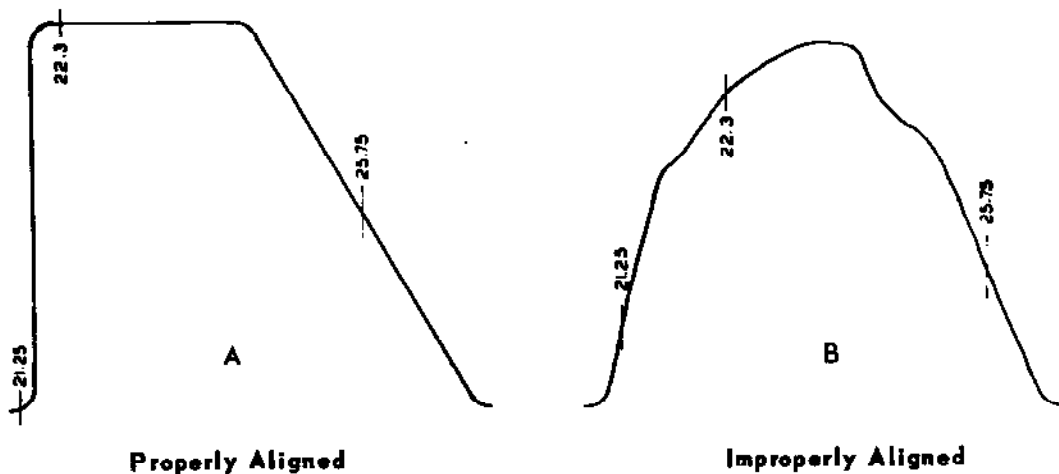


Figure 9. Video I.F. Response Curves