

Figure 15. Typical Tuner System

6. RF and Mixer Alignment of Typical Front End Tuner (Standard Coil Tuner Model TV103).
 - a. Set Tuner to channel 12
 - b. Connect vertical input of scope through 10K ohm resistor to test (Point 9 on Figure 15) (wire loop on top of tuner.)
 - c. Connect negative terminal of 1.5V battery to point D on Figure 15 and positive terminal to ground.
 - d. Set fine tuning control to middle of range.
 - e. Connect RF output of TVG-2 to the Ant. lead (Point A Figure 15).
 - f. Set TVG-2 sweep dial to channel 12, Range Sw. to band "B", blanking Sw. to double pattern and Horiz. CRO jack to Horiz. Input of scope.

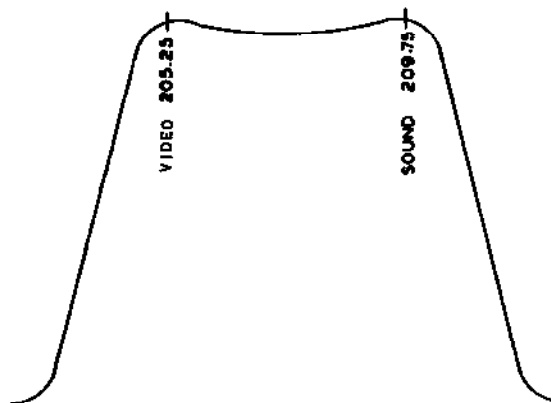


Figure 16. Tuner Response Curve Channel 12

- g. Turn Sweep Generator to ON position and adjust the controls of the TVG-2 to give the desired pattern on the CRO as per Figure 16.