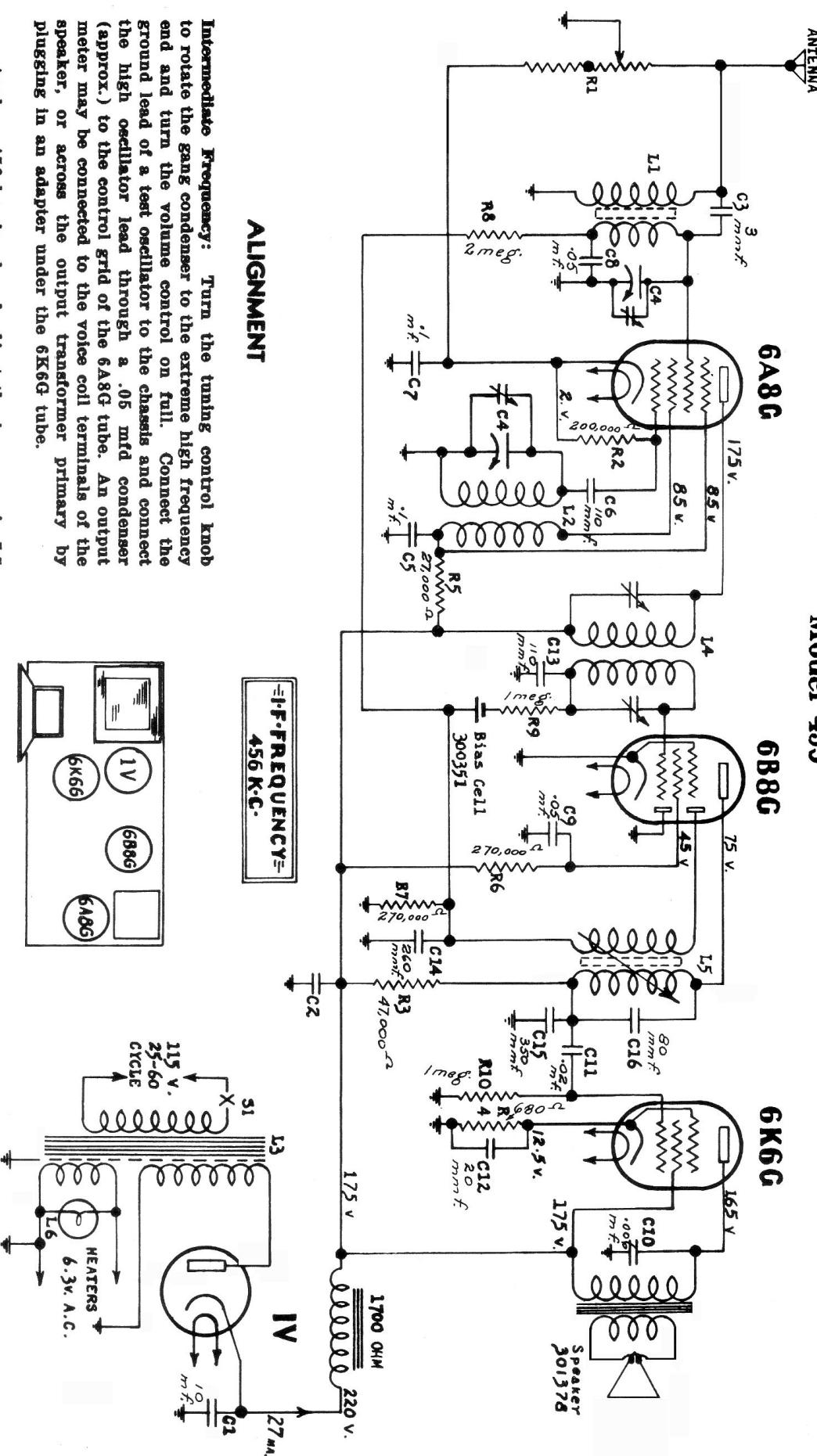


**“Baby Grand Series”
Model 435**



Intermediate Frequency: Turn the tuning control knob to rotate the gang condenser to the extreme high frequency end and turn the volume control on full. Connect the ground lead of a test oscillator to the chassis and connect the high oscillator lead through a .05 mfd condenser (approx.) to the control grid of the 6A8G tube. An output meter may be connected to the voice coil terminals or the speaker, or across the output transformer primary by plugging in an adapter under the 6K6G tube.

ADDY a 456 kc signal and adjust the iron core in L5 on top of the chassis for maximum output. Next adjust the two trimmers on the top of the first I.F. transformer L4 for maximum output. The input signal used for all aligning adjustments should be the lowest that will give a readable indication on the output meter.

NOTE: ALL VOLTAGES MEASURED FROM TUBE SOCKET TO GROUND (CHASSIS), WITH METER OF 1000 OHMS PER VOLT, ON HIGHEST READABLE RANGE

MODEL · R-435 ·
I.F. = 456 KC.

R.F. Alignment: Transfer the high test oscillator lead to the blue antenna lead wire through a standard broadcast dummy antenna (or 200 mmf—250 mmf mica condenser) and with the gang condenser at the extreme high frequency end, apply a 1750 kc signal and adjust the oscillator trimmer on the gang condenser to peak. Then increase the input oscillator signal to 1500 kc, tune it on the chassis and adjust the R.F. trimmer on the gang condenser for maximum output rocking the condenser slightly meanwhile. Do not readjust the oscillator trimmer at 1500 kc.

DATA SHEET

STEWART-WARNER-70