



- #1 - ON-OFF SWITCH, RED WHITE
- #2 - B+ BLUE 140V
- #3 - C-8 GREEN -6V
- #4 - C-3 YELLOW 2.5V
- #5 - FIL. SUP. BROWN
- #6 - GROUND BLACK
- #7 - A+ RED 2.2V

Phonola - Electrohome Series 6V82-E

WAVE TRAP ADJUSTMENT

The foregoing alignment having been completed, adjust the signal generator to 456 K.C. and connect its output through a .00025 Mfd. condenser to the antenna post of the receiver. With the selector switch in the broadcast position and the gang closed (lowest frequency) adjust the wave trap to minimum output. It will probably be necessary to use several thousand microvolts to obtain a reading while making this adjustment.

F. F. ALIGNMENT

1500 K.C. The signal generator is set to 1500 K.C. and connected to the antenna post of the receiver through a .00025 Mfd. condenser.

The generator ground lead and chassis frame must be connected and externally grounded.

With the receiver dial set at 1500 K.C. and volume full on, adjust the oscillator trimming condenser until a signal is heard.

Note: There may be two signals present, use the one obtained by minimum capacity setting of the trimming condenser and adjust it to its peak. The antenna trimming condenser is then adjusted for maximum output.

600 K. C. The signal generator and the receiver dial are then set to 600 K.C. The 600 K.C. padding condenser, located as shown on the tube layout chart, is adjusted for maximum output. While making this adjustment, rock the tuning control back and forth through the signal until maximum output results. Following this, it is advisable to repeat the procedure outlined for 1500 K.C., in order to compensate for any slight discrepancy caused by the adjustment of the series padding condenser.

Short Wave Band 15 M.C. Set the signal generator to 15 M.C. and connect its output to the antenna post of the receiver through a 400 ohm resistor. The ground of the signal generator is connected to the chassis frame or ground post and must be externally grounded. Switch the receiver to short wave band, set the receiver dial to 15 M.C. and turn the volume control full on.

Adjust the short wave oscillator trimming condenser (shown on the tube layout chart) until a signal is heard. Note: There may be two signals present. Use the one obtained by the minimum capacity setting and adjust the trimming condenser to the peak of the signal. Then adjust the short wave antenna trimming condenser for maximum output. The short wave sensitivity is 30 microvolts at 15 M. C. and 75 microvolts at 6 M.C.

Electrohme Series

6V82-E

6 Volt Vibrator Radio Receiver

Alignment Information

I. F. ALIGNMENT

Set the signal generator to 456 K.C. and connect the output to the grid cap of the 10G6 tube through a .1 Mfd. condenser. The generator ground is connected to the chassis ground post or frame, which must be externally grounded. The receiver dial is set to its highest frequency (gang open) and the volume control turned full on.

The 1st and 2nd I. F. trimming condensers located as shown on the tube layout chart, are then adjusted by means of a non-metallic screw driver until maximum output is obtained. It is recommended that the chassis be placed on a non-metallic surface, otherwise the adjustment of C7 may be affected.