

# SYLVANIA

# RADIO CHASSIS 1-606-1 MODEL 454 PORTABLE RADIOS

| STEP | SIGNAL GENERATOR Freq.   | GENERATOR Connection   | TUNING CAPACITOR SETTING                         | ADJUST                          | COMMENTS  |
|------|--|--|--|---------------------------------|---|
| 1.   | 455KC Modulated  | Hot side through .01 Mfd. to pin 6 of 1R5 Osc. - Mixer, ground to chassis. | Tuning Capacitor plates fully open.              | T2D<br>T2C<br>T1B<br>T1A        | Adjust T1 and T2 for maximum output indication. Reduce output of signal generator, as alignment progresses, to prevent overload of receiver.                              |
| 2.   | 1700KC Modulated   |  | Tuning Capacitor plates fully open.              | C5<br>Osc. Trimmer for maximum. | These are preliminary adjustments only, and locate approximate settings of C5 and L2. Steps 4, 5 and 6 must now be observed.  |
| 3.   | 530KC Modulated  |  |  | L2 Osc. Slug for maximum.       |   |
| 4.   | 1450KC Modulated   | Radiated to receiver through loop of several turns.                        | Position where signal generator output is heard. | C5<br>Osc. Trimmer for maximum. | Rock tuning capacitor while adjusting C5 and L2 at respective frequencies, until no further increase of output is obtained with a given level of signal generator output. |
| 5.   | 600KC Modulated.   |  |  | L2 Osc. Slug for maximum.       |   |
| 6.   | Steps 4 and 5 must be repeated until maximum output is obtained. |  |  |                                 |   |

