

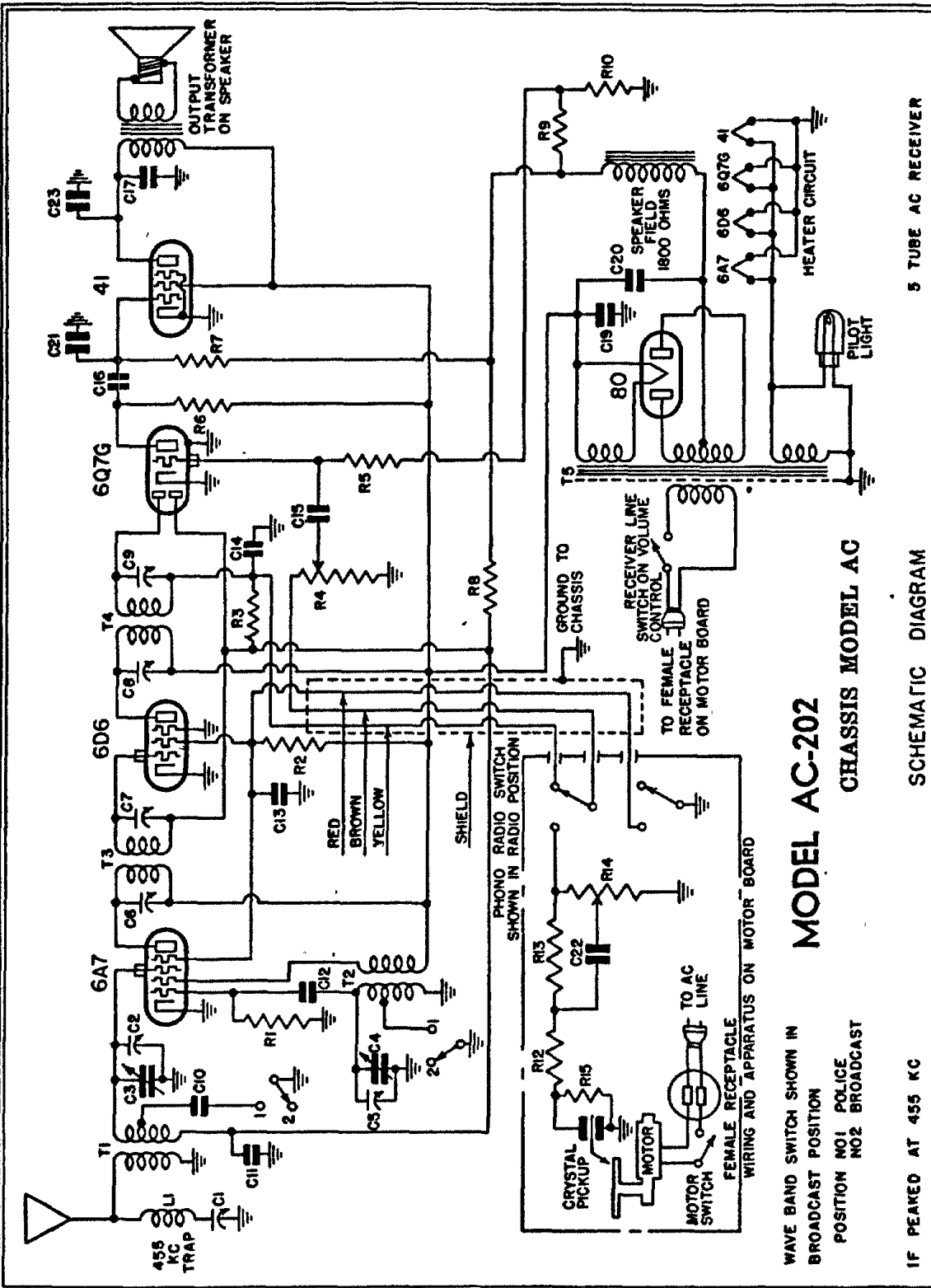
Note: 3RT-384A lug arrangement is the same as 3RT-384.  
Bottom View of Coils.

Voltage rating ..... 105-125 volts, 60 cycles, a.c.  
Power consumption ..... 45 watts for receiver and 20 watts for motor.  
Frequency ranges ..... 540 to 1580 kc. and 1580 to 4200 kc.

### Tube Data

- 1—6A7 pentagrid oscillator-modulator
- 1—6D6 i-f amplifier
- \*1—6Q7-G diode detector, audio amplifier, automatic volume control
- 1—41 pentode power output
- 1—80 full-wave rectifier

## Combination Phonograph and Radio



Readings should be taken on the 250 volt scale of a 1000 ohms-per-volt meter. Voltages listed below are from point indicated to ground (chassis) with the volume control turned on full and no signal. Line voltage for these readings was 117.5 volts, 60 cycles, a.c. All voltages except heaters were taken on 250 volt scale.

| Tube  | Plate | Screen | Cathode | Osc. Plate | Fil. |
|-------|-------|--------|---------|------------|------|
| 6A7   | 180   | 60     | 0       | 180        | 6.3  |
| 6D6   | 180   | 60     | 0       | —          | 6.3  |
| 6Q7-G | 70    | —      | 0       | —          | 6.3  |
| 41    | 170   | 180    | 0       | —          | 6.3  |

Voltage across speaker field—70.  
Voltage from B minus to chassis—80.  
B plus at 80 tube filament—182.

### VOLTAGE ANALYSIS