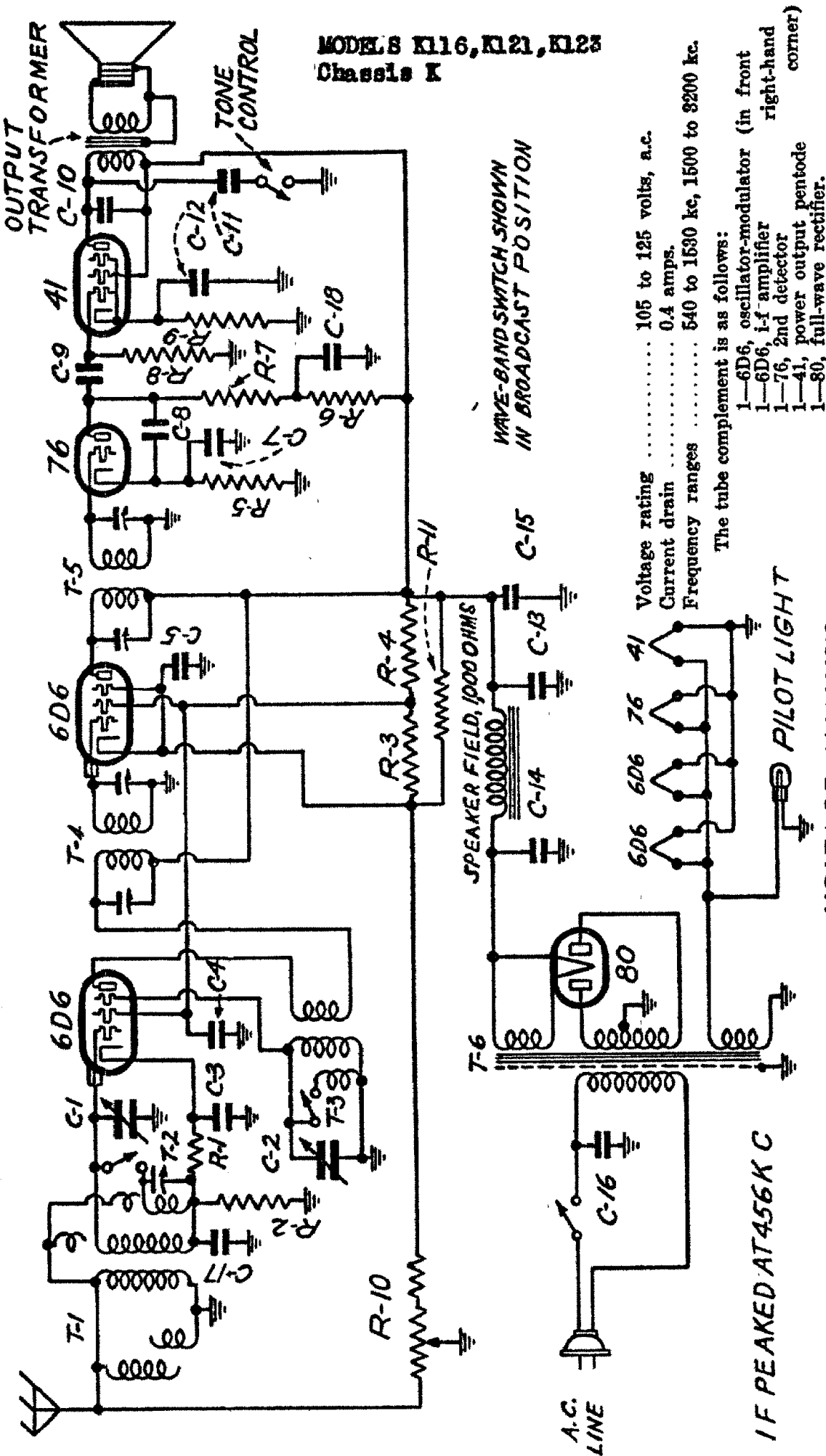


EMERSON RADIO & PHONO. CORP

MODEL S K116, K121, K123
Chassis K



Voltage rating 105 to 125 volts, a.c.
Current drain 0.4 amps.
Frequency ranges 540 to 1630 kc, 1500 to 3200 kc.

The tube complement is as follows:

- 1—6D6, oscillator-modulator (in front right-hand corner)
- 1—6D6, i-f amplifier
- 1—76, 2nd detector
- 1—41, power output pentode
- 1—80, full-wave rectifier.

VOLTAGE ANALYSIS

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

Tube	Plate	Screen	Cathode	Fil.
6D6 (in front right-hand corner)	242	130	21.5	6.3 a.c.
6D6 (i-f)	242	130	4.0	6.3 a.c.
76	100	—	9.8	6.3 a.c.
41	216	242	13.5	6.3 a.c.

B plus at filament of 80 tube—305 volts.
Voltage across speaker field—60 volts.