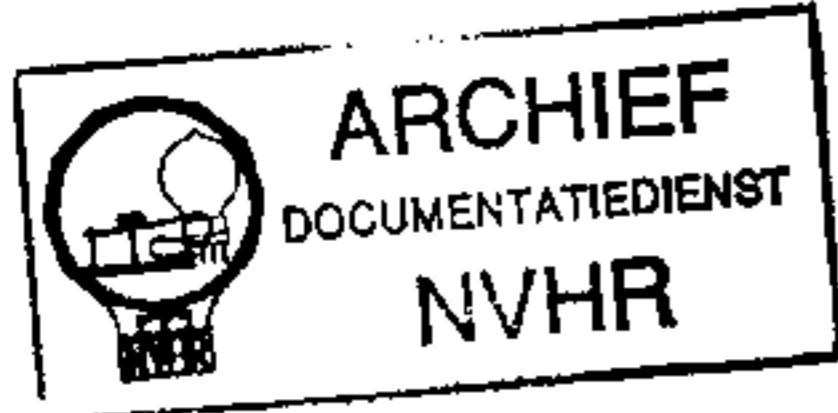


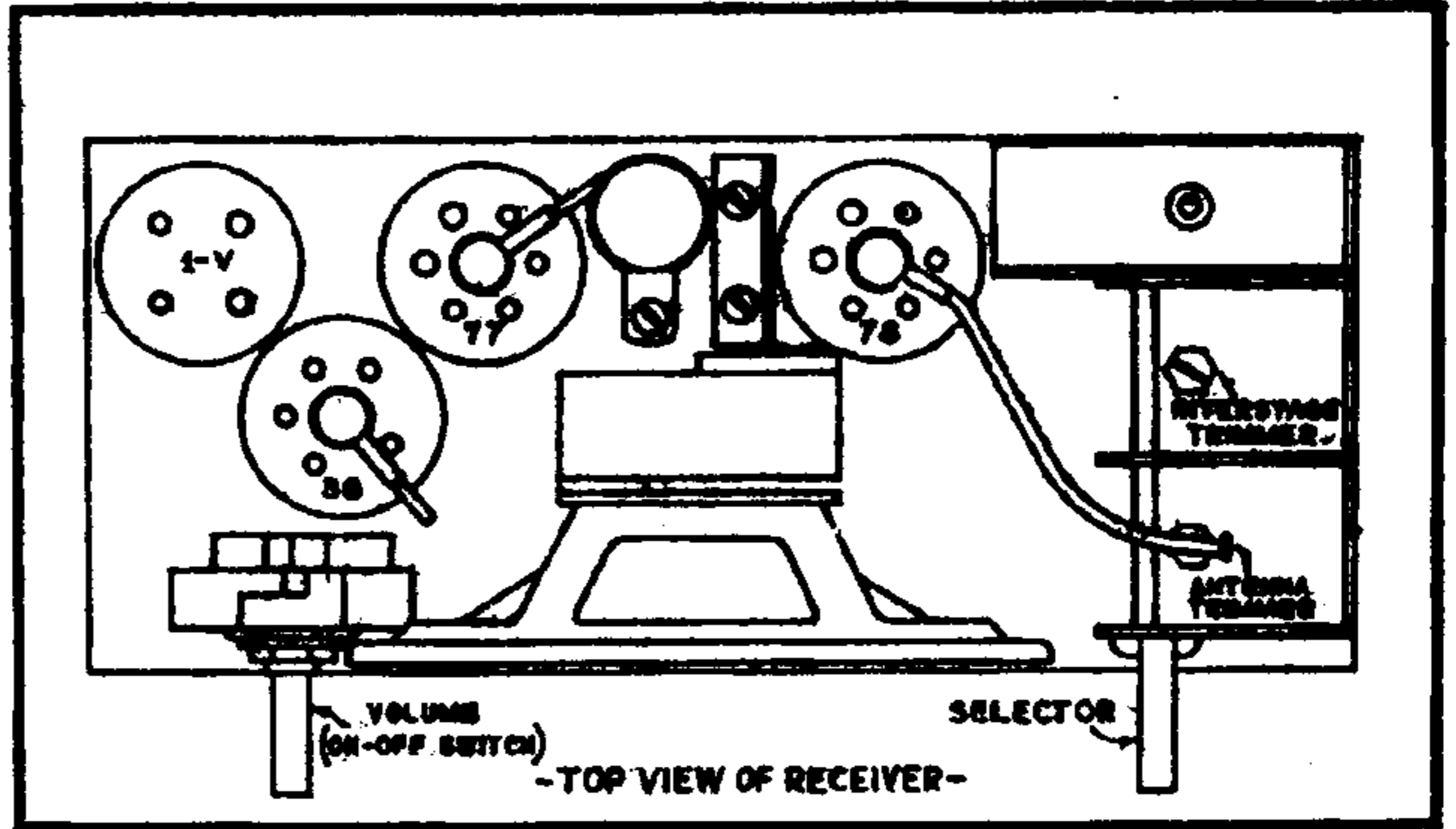
EMERSON RADIO AND PHONOGRAPH CORPORATION

MODELS 415,416
Schematic
Layout
Voltage

Ned. Ver. v. Historie v/d Radio



Universal Compact
Operates on either AC or DC
110-120 Volts, 25-60 Cycles
Adaptable for 220-Volt Current
with use of 220-Volt Resistor



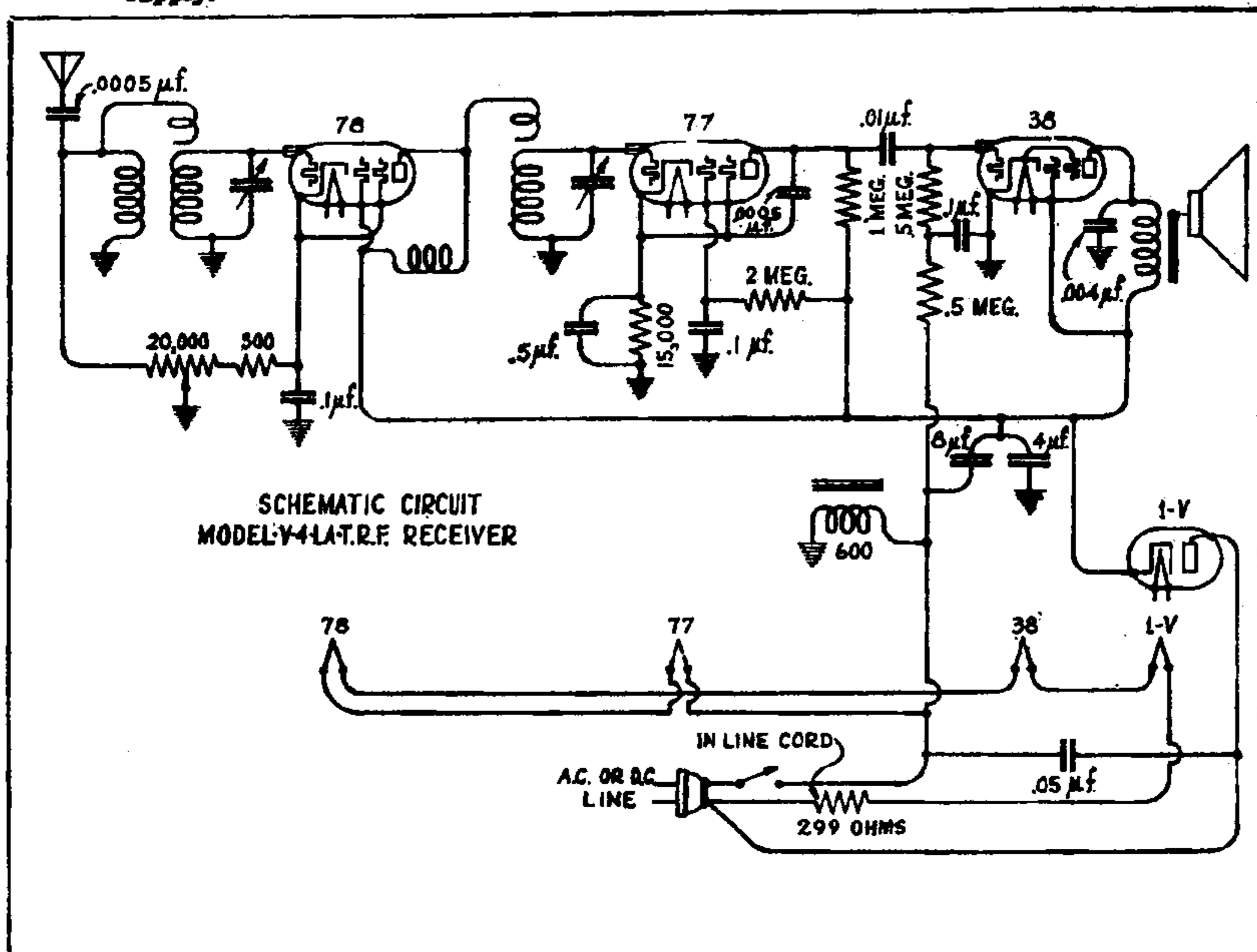
Voltage Readings:

Readings should be taken with Volume Control fully on, Tuning Control set for 550 KC., and antenna outside of set. Use a D. C. voltmeter having a resistance of 1000 ohms per volt.

<u>Chassis</u>	<u>To— Plate</u>	<u>Screen</u>	<u>Cathode</u>
77—Detector	10- 15	9- 12	1- 2
78—R.F. Amplifier	105-115	105-115	2- 3
38—Output Pentode	105-115	105-115	—

Voltage across filter choke is "C" bias for 38 Tube = 10v.

Readings will not change materially regardless of type of power supply.



Circuit Wiring Diagram

