



ALL VOLTAGES MEASURED WITH AN ELECTRONIC VOLTMETER

Fig. 22-62.—Schematic of Supreme Models 546-A, 650, 655.

Courtesy Supreme Inst. Corp.

## SUPREME MODEL 546-A, 650, AND 655

### FREQUENCY RESPONSE

Sweep Circuit 15 cps to 30 kc

LINE RATING 110-125 volts, 50-60 cps

### TUBE COMPLEMENT

<i>Type</i>	<i>Function</i>
5CP1-A or 3AP1 (V1)	Cathode-Ray Tube
5Y3G (V2)	High-Voltage Rectifier
5Y3G (V3)	Low-Voltage Rectifier
6SJ7 (V4)	Vertical Amplifier
885 (V5)	Gaseous Sweep Oscillator
6SJ7 (V6)	Horizontal Amplifier

The circuits of Models 546-A, 650, and 655 are very much alike. The differences are chiefly in physical appearance and cathode-ray tube employed. In Fig. 22-62 appears the schematic for Model 546-A. The 546-A and 650 use a 3AP1 cathode-ray tube. Model 655 uses a 5CP1-A, a 5-inch cathode-ray tube. This necessitates use of 6.3-volt filament winding, in place of the 2.5-volt winding *B-B*, shown in Fig. 22-62. In addition, a 0.5- $\mu$ f bypass capacitor has been inserted from the variable arm of *R9* to ground, in Model 655.



**[www.StevenJohnson.com](http://www.StevenJohnson.com)**

**Antique Technolgy, Tube Radios and Test Equipment  
Vintage Schematics, and Publications**

**Steve's Antique Technology**