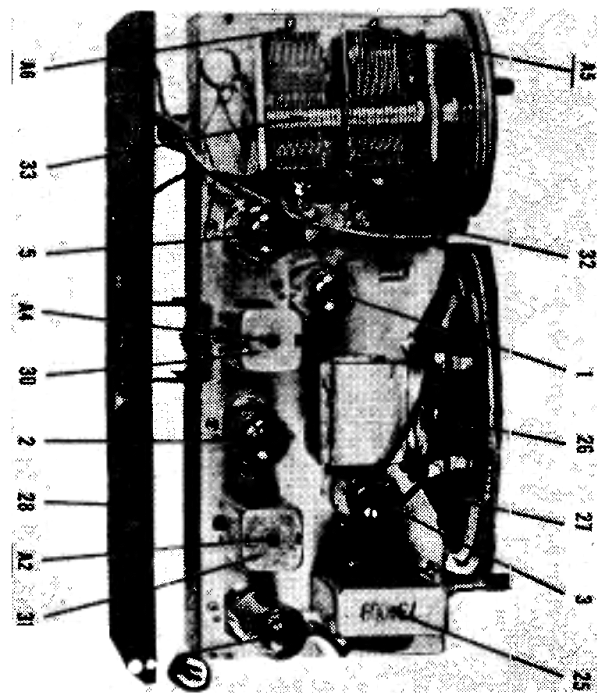


MODEL: 547A

MODEL: 547A
CHASSIS MODEL: 120050A

The schematic diagram illustrates the internal wiring of the Model 547A chassis, featuring four vacuum tubes: 12BE6, 12BA6, 12AT6, and 50B5. The diagram includes a 35W4 rectifier tube and a 3.3 MEG resistor. The circuit is divided into several sections, each corresponding to a tube. The 12BE6 section includes a 15 MEG resistor and a 22 K resistor. The 12BA6 section includes a 120 ohm resistor. The 12AT6 section includes a 500 K resistor and a 15 MEG resistor. The 50B5 section includes a 100 ohm resistor and a 50 MF capacitor. The diagram also shows the internal wiring of the 35W4 rectifier tube and the 3.3 MEG resistor. A photograph of the chassis is included at the bottom left, showing the physical layout of the components and the chassis model number 120050A.



| | DUMMY ANTENNA | SIGNAL GENERATOR COUPLING | SIGNAL GENERATOR FREQUENCY | RADIO DIAL SETTING | METER OUTPUT | ADJUST | REMARKS |
|---|---------------|---|----------------------------|--------------------------------|--------------------|----------------|---|
| 1 | 0.1 mfd. | High side to stator of rear section of tuning condenser. Low side to chassis. | 455 kc | Variable condenser fully open. | Across voice coil. | A1, A2, A3, A4 | Adjust for maximum output. If isolation transformer is not used, reduce dummy antenna to 0.001 mfd. to reduce hum modulation. |
| 2 | 200 mmfd. | High side to external antenna lead. Low side to external ground lead. | 1620 kc | Variable condenser fully open. | Across voice coil. | A5 | Adjust for maximum output. |
| 3 | 200 mmfd. | High side to external antenna lead. | 1400 kc | Tune for maximum output. | Across voice coil. | A6 | Adjust for maximum output. |