

## HEALING 504E, 530G

Power Supply: 200-250 VOLTS, A.C., 50 cycles.
Power Consumption: 40 watts.
Frequency Range: 540-i $630 \mathrm{Kc} / \mathrm{s}$.
Intermediate Frequency: $455 \mathrm{Kc} / \mathrm{s}$.
Speaker Transformer Impedance: 7,000 ohms.
Diai Lights: 6.3 volts, 0.3 mps .

|  | D.C. Resistance of R.F. Coils. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Coil | Type | Primary <br> Ohms | Secondary <br> Ohms |  |
|  | Aerial | RJ85 | 24 |  |
| Osc. | RJ86 | 3.2 |  |  |
| Ist I.F. | RJ83 | 8.1 | 1.9 |  |
| 2nd I.F. | RJ83 | 8.5 | 8.5 |  |

Typical Working Voltages.
D.C. Voltages are measured to chassis with no signal input.

Bias across Resistor-R13: 2.1 volts; R12: 3 volts.

|  |  |  | 1000 ohm per volt D.C. Meter Scales. |  |
| :---: | :---: | :---: | :---: | :---: |
| Valve | Use | A.C. | 250V | 250 V |
|  |  | Heater | Screen | Plate |
| 6BE6 | Converter | 6.1 | 85 | 220 |
| 6BA6 | I.F. | 6.1 | 72 | 220 |
| 6AV6 | Det. A.V.C. | 6.1 |  | 78 |
| 6M5 | A.F. | 6.1 | 220 | 260 |
| 6V4 | Rect. | 6.1 | 270 vo | filter. |

## Typical Valve Currents.

Milliamps.

| Valve | Use | Cathode | Screen | Plate | Osc. Grid |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6BE6 | Convertor I.F. Det. A.V.C. list Aud. A.F. Rect. | 8.4 | 6.7 | 1.35 | . 35 |
| 6BA6 |  | 5.7 | 1.7 | 4.0 |  |
| 6AV6 |  | . 5 |  | . 5 |  |
| $6 \mathrm{M5}$ |  | 38.5 | 4.5 | 34 |  |
| 6V4 |  | Total H.T. Current: $53 \mathrm{~m} / \mathrm{a}$. |  |  |  |



Dial Adjustment: With gang full in, loosen the drum set screws. Rotate drum until pointer is directly behind a dot near the low frequency end of the top row of Stations. Tighten grub screws.

Alignment: Use standard procedure, making reference to page 255 of this manual.
Positions of Trimmers: Oscillator trimmer is mounted on rear section of gang condenser. Aerial trimmer is on the front section. There is no variable padder.

