

Service Data for the Healing Receiver

MODEL 400Z

Power Supply—6 volt Accumulator, or 1.5 volt "A" Battery and 90 volt "B" Battery.

Frequency Range—550 to 1,620 kilocycles.

Intermediate Frequency—455 kilocycles.

Speaker Transformer Impedance—9,000 ohms.

Battery Current—.5 to .6 amp. for vibrator operation; .25 amp. "A" Battery and 11 m.a. "B" Battery for dry battery operation.

Typical Voltages—

| | | | | 1,000 ohms per volt D.C. meter scales | | | | | |
|----------|-------------------------|----------|-----|---------------------------------------|----|--------|----|------------|----|
| | | | | 250 V. | | 250 V. | | 250 V. | |
| Valve | Use | Filament | | Screen | | Plate | | Osc. Plate | |
| 1A7G - - | Osc. Mod. | 1.35 | 1.4 | 40 | 37 | 93 | 85 | 93 | 85 |
| 1N5G - - | I.F. | 1.35 | 1.4 | 93 | 85 | 93 | 85 | | |
| 1H5G - - | Det. A.V.C. 1st A.F. | 1.35 | 1.4 | | | 20 | 18 | | |
| 1Q5G - - | 2nd A.F. | 1.35 | 1.4 | 93 | 85 | 88 | 80 | | |

Voltage measurements taken with aerial disconnected and no signal input. Left-hand column for vibrator operation, right-hand for dry batteries. 5 volts across 450 ohm bias resistor on dry battery operation. See pages 153 and 117 for alignment procedure.

Trimmers—The aerial section of the gang is at the back.

