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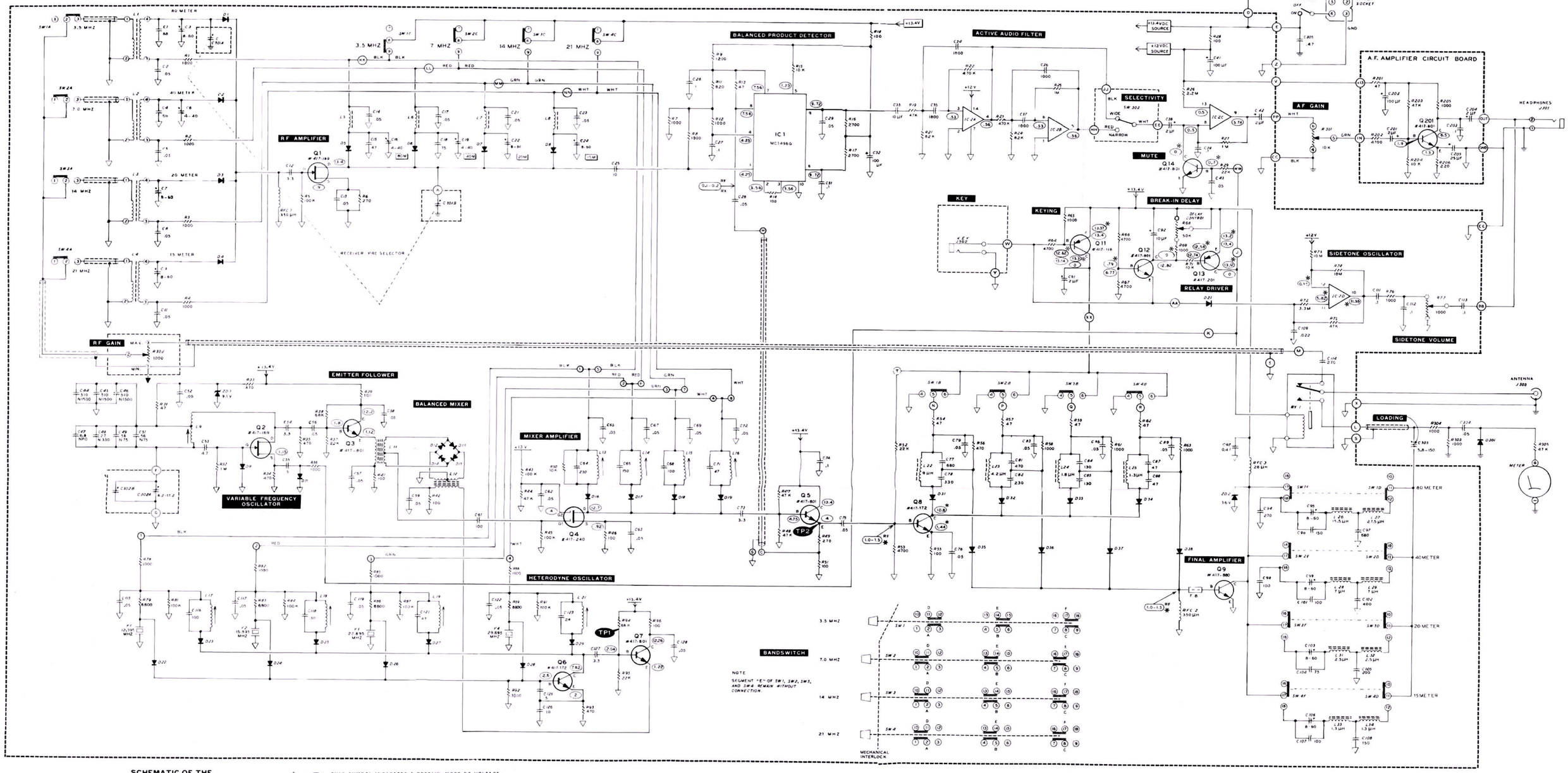

SCHEMATIC OF THE HEATHKIT® MODEL HW-8 TRANSCEIVER

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Part of 595-1754-10

NOTES:

1. CIRCUIT COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:

   1 - 199 PARTS MOUNTED ON MAIN CIRCUIT BOARD.
   201 - 225 PARTS MOUNTED ON AF AMPLIFIER CIRCUIT BOARD.
   301 - 325 PARTS MOUNTED ON CHASSIS.

2. ALL RESISTOR VALUES ARE IN OHMS (K=1000; M=1,000,000).

3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN µF. VALUES OF 1 AND ABOVE ARE IN pF UNLESS OTHERWISE INDICATED.

4. (TP) THIS SYMBOL INDICATES A TEST POINT.

5. ( ) THIS SYMBOL INDICATES A RECEIVE-MODE DC VOLTAGE MEASURED FROM THE POINT INDICATED TO CHASSIS.

6. (*) THIS SYMBOL INDICATES A TRANSMIT-MODE DC VOLTAGE MEASURED FROM THE POINT INDICATED TO CHASSIS.

7. (RF/RX) THIS SYMBOL INDICATES A RECEIVE-MODE RF VOLTAGE MEASURED USING AN RF PROBE CONNECTED BETWEEN THE POINT INDICATED AND CHASSIS.

8. (RF/*) THIS SYMBOL INDICATES A TRANSMIT-MODE RF VOLTAGE MEASURED USING AN RF PROBE CONNECTED BETWEEN THE POINT INDICATED AND CHASSIS.

9. ALL VOLTAGES MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMETER. VOLTAGES MAY VARY ±20%.

10. ALL MEASUREMENTS OBTAINED USING A POWER SOURCE OF 13 VDC.

11. BANDSWITCH SHOWN WITH 3.5 MHz PUSHBUTTON PRESSED IN AND TRANSCEIVER OPERATING IN RECEIVE MODE.