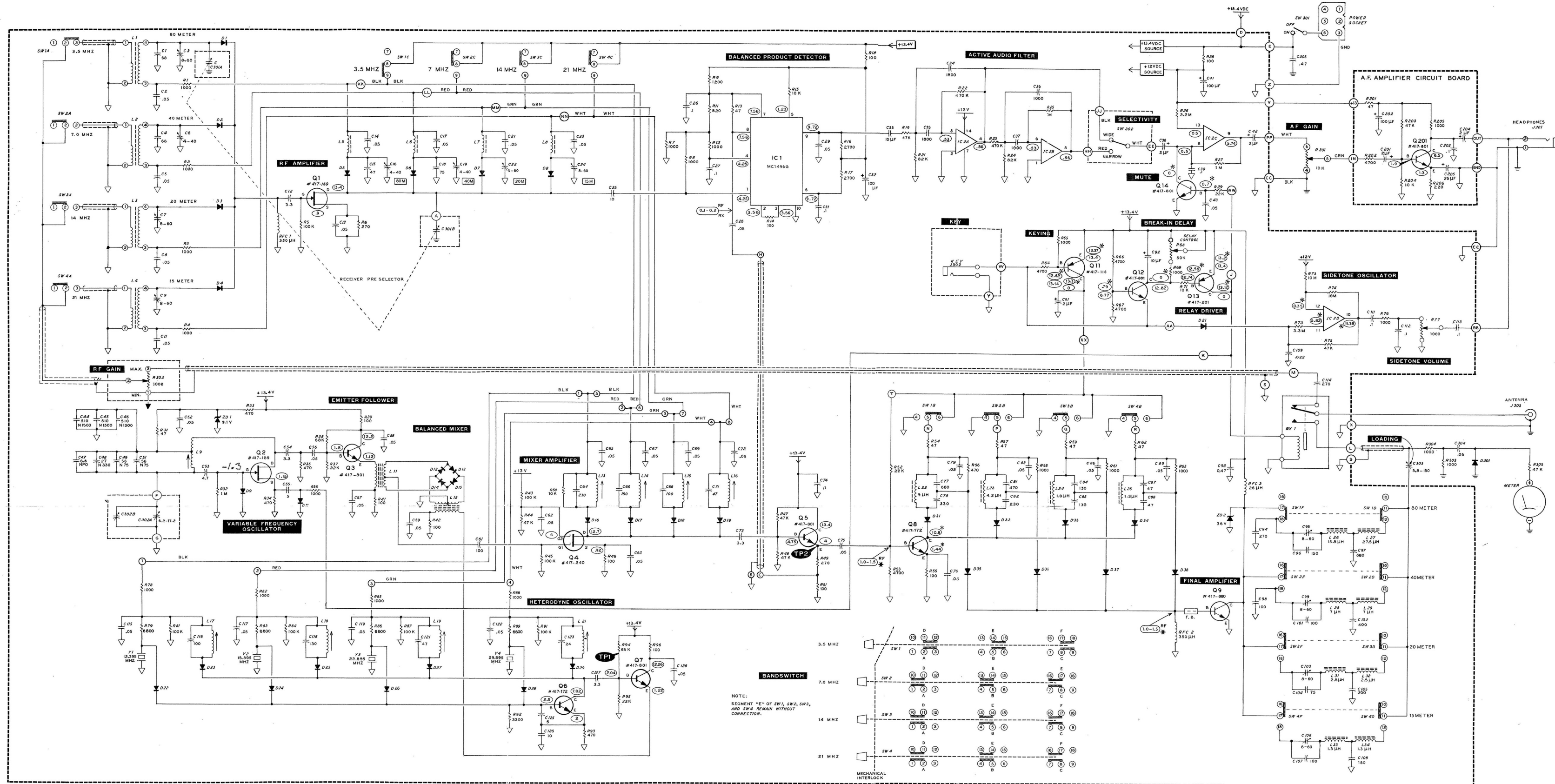




SCHEMATIC OF THE HEATHKIT® MODEL HW-8 TRANSCEIVER

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Part of 595-1754-11

NOTES:

1. CIRCUIT COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
1 - 199 PARTS MOUNTED ON MAIN CIRCUIT BOARD.
201 - 225 PARTS MOUNTED ON A.F. AMPLIFIER CIRCUIT BOARD.
301 - 325 PARTS MOUNTED ON CHASSIS.
2. ALL RESISTOR VALUES ARE IN OHMS (K=1,000; M=1,000,000).
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN μ F. VALUES OF 1 AND ABOVE ARE IN μ F 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} 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 $\pm 20\%$.
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.