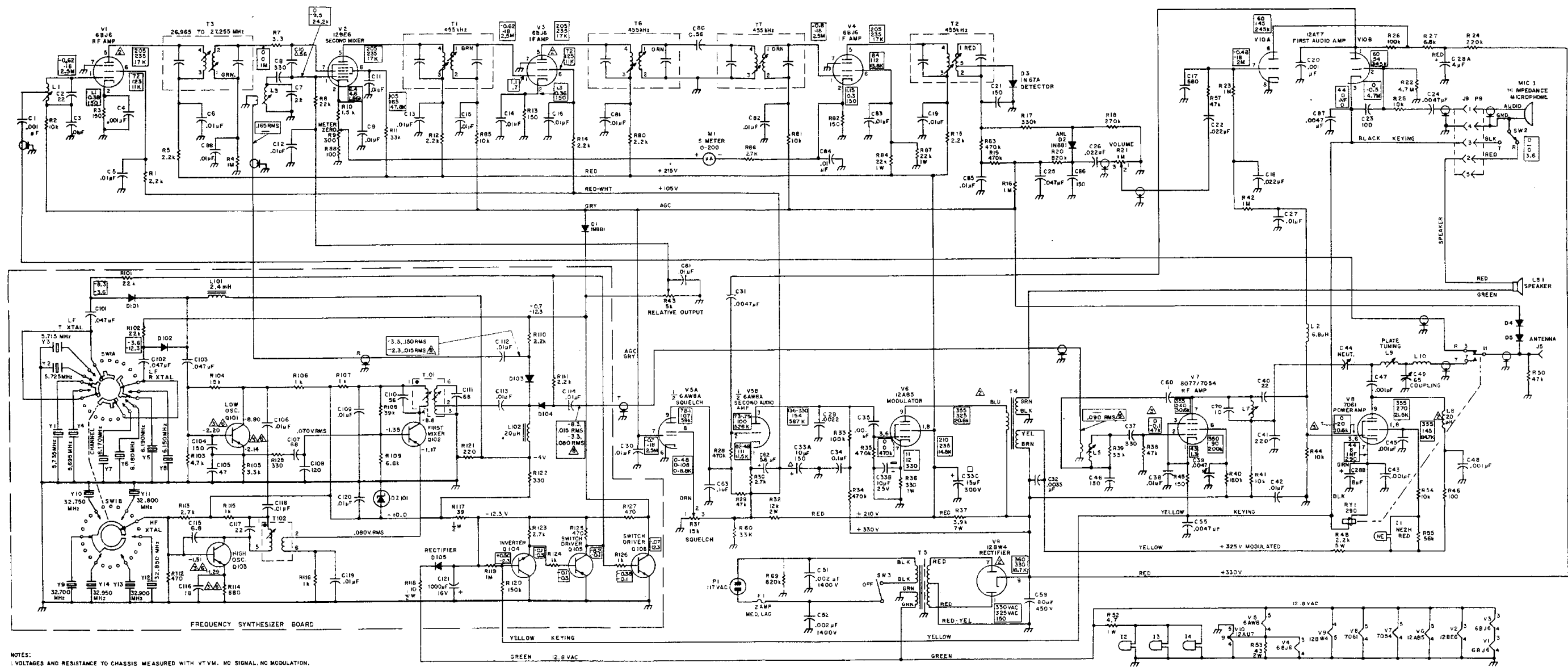


NOTES:
 1. VOLTAGE AND RESISTANCE TO CHASSIS MEASURED WITH VT. M. NO SIGNAL, NO MODULATION.
 2. 100 FIGURE IS VOLTAGE IN RECEIVE CONDITION.
 3. 200 FIGURE IS VOLTAGE IN TRANSMIT CONDITION.
 4. 300 FIGURE IS RESISTANCE SW 2 ON RECEIVE.
 5. 400 FIGURE IS RESISTANCE SW 2 ON TRANSMIT.
 6. * MEANS THOUSAND, M MEANS MILLION, N MEANS NINETY, T MEANS TENS.
 7. ALL RESISTANCE VALUES ARE IN OHMS ALL CAPACITANCE VALUES IN PFD FARADS UNLESS OTHERWISE SPECIFIED.
 8. THESE VOLTAGES FOR REFERENCE ONLY AND DO NOT REPRESENT ACTUAL OPERATING VALUES.
 9. CHANNEL SWITCHES ARE SHOWN IN CHANNEL ONE POSITION AS VIEWED FROM KNOB END.
 10. PF VOLTAGE MEASURED WITH PIN 6 AT 17 MOMENTARILY SHORTED TO CHASSIS.

**JOHNSON MESSENGER TWO-TWENTY THREE
 MODEL 242-223
 REVISION E**



NOTES:
 1. VOLTAGES AND RESISTANCE TO CHASSIS MEASURED WITH VT VM, NO SIGNAL, NO MODULATION.
 2. TOP FIGURE IS VOLTAGE IN RECEIVE CONDITION.
 3. 2ND FIGURE IS VOLTAGE IN TRANSMIT CONDITION.
 4. 3RD FIGURE IS RESISTANCE, SW-2 ON RECEIVE.
 5. 4TH FIGURE IS RESISTANCE, SW-2 ON TRANSMIT.
 * MEANS THOUSAND, "M" MEANS MILLION, "INF" MEANS INFINITE, "-" MEANS NO DATA.
 CAPACITOR CHARGES ON RESISTANCE MEASUREMENTS.
 USE RF CHOKE ON METER LEADS FOR VOLTAGE MEASUREMENTS.
 VARIES WITH SQUELCH SETTING.
 ALL RESISTANCE VALUES ARE IN OHMS, ALL CAPACITANCE VALUES IN PICO FARADS UNLESS OTHERWISE SPECIFIED.
 THESE VOLTAGES FOR REFERENCE ONLY AND DO NOT REPRESENT ACTUAL OPERATING VALUES.

7. CHANNEL SWITCHES ARE SHOWN IN CHANNEL ONE POSITION AS VIEWED FROM KNOB END.
 RF VOLTAGE MEASURED WITH PIN 8 AT VT MOMENTARILY SHORTED TO CHASSIS.

JOHNSON MESSENGER TWO TWENTY THREE
 MODEL 242-223
 REVISION D