



JOHNSON MESSENGER TWO SCHEMATIC  
MODELS 242-162, 242-163

7-10-67  
025.0540-001

**NOTES:**  
 1. VOLTAGE AND RESISTANCE TO CHASSIS MEASURED WITH V.T.M., NO SIGNAL, NO MODULATION, A.C. OPERATOR.  
 2. TOP FIGURE IS VOLTAGE IN RECEIVE CONDITION.  
 3. 2ND FIGURE IS VOLTAGE IN TRANSMIT CONDITION.  
 4. 3RD FIGURE IS RESISTANCE, SW2 ON RECEIVE.  
 5. 4TH FIGURE IS RESISTANCE, SW2 ON TRANSMIT.  
 \* MEANS THOUSAND; .1MF MEANS INFINITE  
 \*\* MEANS MILLION  
 # MEANS NO DATA

2. CAPACITOR CHANGES ON RESISTANCE MEASUREMENTS.  
 3. USE RF COIL ON METER LEADS FOR VOLTAGE MEASUREMENTS.  
 4. VARIES WITH SQUELCH SETTING.

UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE GIVEN IN OHMS & ALL CAPACITANCE VALUES ARE GIVEN IN MICRO-MICROFARADS

TAP SWITCHES ARE SHOWN IN EXTREME COUNTER CLOCKWISE POSITION AS VIEWED FROM SHAFT END

INFORMATION IN ( ) FOR 6VDC OPERATION  
 \*\* IN 6VDC MODELS ONLY.

