



**4. MIC MODULATION SENSITIVITY CHECK**

- 1) CONNECT THE MODULATION METER TO ANT.
- 2) THE AUDIO SIGNAL INPUT TO MIC.
- 3) PRESS THE PTT BUTTON
- 4) MEASURE THE MODULATE DEV.

**LIMIT : 0.9 +/- 0.3 Khz DEV.**

**5. MAXIMUM DEVIATION CHECK**

- 1) CONNECT THE MODULATION METER TO ANT.
- 2) THE AUDIO SIGNAL INPUT TO MIC.
- 3) INCREASE THE AUDIO LEVEL BY 20DB
- 4) PRESS THE PTT BUTTON
- 5) MEASURE THE MODULATE DEV.

**LIMIT : 2.0 +/- 0.4 Khz DEV.**

**6. CALL SIGNAL MODULATION DEV. CHECK**

- 1) CONNECT THE MODULATION METER TO ANT.
- 2) PRESS THE CALL BUTTON
- 3) MEASURE MODULATE DEV.

**LIMIT : 1.2 +/- 0.3 Khz DEV.**

**7. LOW BATTERY DETECT CHECK**

- 1) VARY THE DC POWER
- 2) OBSERVE THE BATTERY ICON INSIDE BARS DISAPPEARED
- 3) MEASURE THE DC POWER VOLTAGE

**LIMIT : 4.4 +/- 0.2 Vdc**

#### **8. DISCRIMINATOR ADJUST**

- 1) CONNECT THE SSG TO ANT.
- 2) CONNECT THE DC VOLT METER TO TP10
- 3) ADJUST IFT1 AND MEASURE TP10 VOLTAGE

**LIMIT : 1.3 +/- 0.2 Vdc**

#### **9. SPEAKER OUTPUT LEVEL CHECK**

- 1) CONNECT THE SSG TO ANT.
- 2) CONNECT THE AUDIO VOLT METER TO SPK.
- 3) MEASURE THE SPEAKER OUTPUT LEVEL

**LIMIT : -1 +/- 4 dBm**

#### **10. RECEIVING SENSITIVITY CHECK**

- 1) CONNECT THE SSG TO ANT.
- 2) CONNECT THE SINAD METER TO SPK.
- 3) REDUCE THE SSG RF OUTPUT LEVEL UP TO SINAD 12dB
- 4) MEASURE THE SSG RF OUTPUT LEVEL

**LIMIT : < -116 dBm**

#### **11. SQ CHECK**

- 1) CONNECT THE SSG TO ANT.
- 2) CONNECT THE SINAD METER TO SPK.
- 3) CONNECT THE DC VOLT METER TO TP12
- 4) REDUCE THE SSG RF OUTPUT UP TO TP12 IS CHATTERING
- 5) MEASURE THE SINAD METER

**LIMIT : 6 +/- 2 dB**