

3. ALIGNMENT PROCEDURE

1. TRANSMITTING

1) TX VCO ADJUSTMENT

- A. Connect the DC volt meter to the test point 1.
- B. Press the PTT BUTTON.
- C. Adjust CV2.

LIMIT : 1.0VDC $\pm$ 0.3V at CH7

2) FREQUENCY ADJUSTMENT

- A. Connect the frequency counter meter to ANT point.
- B. Adjust CV1.

LIMIT : Tx Frequency $\pm$ 200Hz

3) TX POWER CHECK

- A. Connect the RF level meter to the ANT point (RF level meter impedance : 50 Ohm)
- B. Press the PTT button.
- C. Check the Tx POWER

LIMIT : < 1 mW

4) MODULATION SENSITIVITY CHECK

- A. Connect the deviation meter to ANT point.
- B. Apply the audio signal 1Khz 8mWrms to the test point 7 (MIC input)
- C. Adjust SVR2.

LIMIT : 1.0KHz Dev. $\pm$ 0.15KHz

5) CALL DATA MODULATION SENSITIVITY CHECK

- A. Press the call button and observe the deviation meter to check the deviation.

LIMIT : 1.8KHz $\pm$ 0.5

- **TO PRESS THE PTT BUTTON FOR THE TX MODE TESTING.**