

# **TUNE-UP PROCEDURE**

## **NO.4#**

### **1. TRANSMITTING**

#### 1.1 Frequency Adjustment

- a) Connect the frequency counter to the L32
- b) Replace the crystal Y2 for the operating frequency.
- c) Adjust T1
- d) Specification : Tx Frequency +/-0.803%

#### 1.2 TX POWER CHECK

- a) Connect the RF power meter to the L32.
- b) Switch on the transmitter.
- c) Check the TX power.
- d) Specification:24dbm+/-1dbm

#### 1.3 MAX DEVIATION ADJUSTMENT

- a) Connect the deviation meter to the L32
- b) Switch on the TX
- c) Adjust R17
- d) Specification : 3KHz, Dev.+/-2KHz

### **2. RECEIVING**

#### 2.1 RX FREQUENCY CHECK

- a) Connect the RF Signal Generator to L3
- b) Adjust B1
- c) Check the level and make into maximum

#### 2.2 Sensitivity Check

- a) Connect sinnader meter to the L32
- b) Connect DC voltmeter to R17
- c) Reduce the RF output level of signal generator below- -105dbm
- d) Adjust B1, make into DC level into maximum, and get 12 db of the sinnader.