

## ADJUSTMENT PROCEDURES

### 1. Transmitter Section.

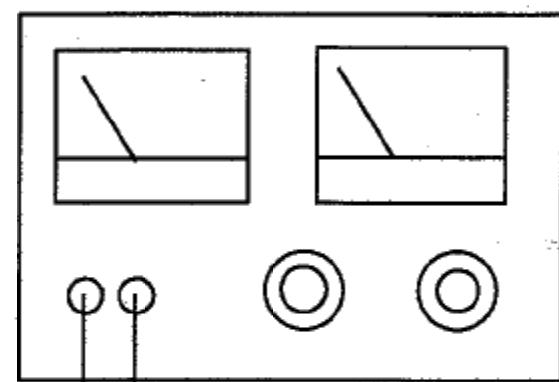
- ①Adjust the power supply so that 9.6V is obtained at the battery terminals. Confirm that the power meter,dummy load,output tester are prepared.
- ②Turn the power on and plug a XTAL element(CH34,72.470MHZ) into the crystal socket.
- ③Adjust T1、T2、T3、T4 and T5 in this order so that the power meter reading becomes maximum.
- ④Repeat procedure ③ several times. The RF power meter reading should be more than 0.2W When the power is on and at a normal temperature. Then check the current meter reading should be less than 120mA.

### 2. Transmission Deviation Adjustment.

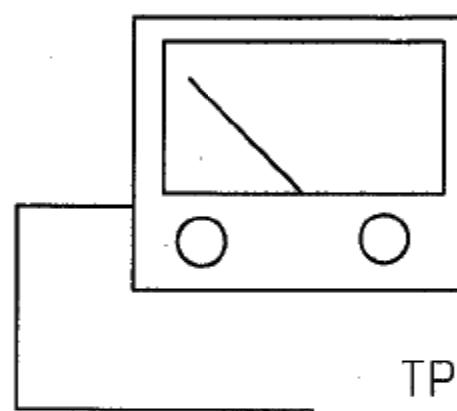
- ①Set up the unit for the transmission mode.
- ②Set the switch 1 to the position "1". Then adjust VR1 so that the frequency counter reading is -1.5KHZ(CH34,72.4685MHZ)
- ③Set the switch 1 to the position "2". Then adjust VR2 so that the frequency counter reading is +1.5KHZ(CH34,72.4715MHZ)
- ④Repeat procedure ②,③ ,so that the max.deviation is  $\pm 1.5\text{KHZ}$ .

## TX ADJUSTMENT SET-UP

### DC POWER SUPPLY



### POWER METER



### 225MHZ FREQUENCY COUNTER

### 50 OHM DUMMY LOAD

