

ADJUSTMENT PROCEDURES

1. Transmitter Section.

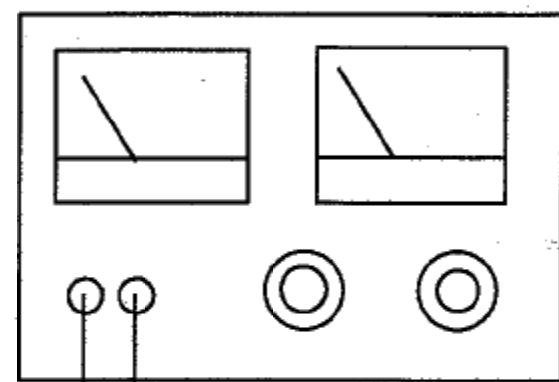
- ① Adjust the power supply so that 9.6V is obtained at the battery terminals. Confirm that the power meter, dummy load, output tester are prepared.
- ② Turn the power on and plug a X'TAL element(CH74,75.670MHZ) into the crystal socket.
- ③ Adjust T1、T2、T3、T4 and T5 in this order so that the power meter reading becomes maximum.
- ④ Repeat 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.

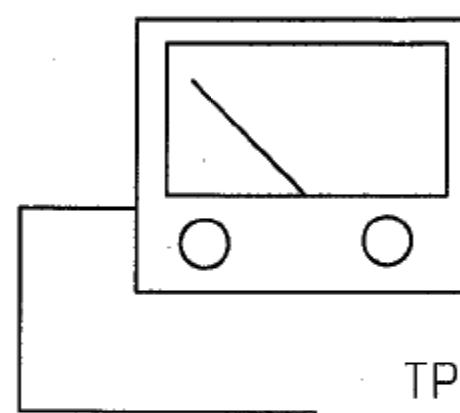
- ① Set up the unit for the transmission mode.
- ② Set the switch 1 to the position "1". Then adjust VR1 so that the frequency counter reading is -1.5KHZ(CH74,75.6685MHZ)
- ③ Set the switch 1 to the position "2". Then adjust VR2 so that the frequency counter reading is +1.5KHZ(CH74,75.6715MHZ)
- ④ Repeat procedure ②,③, so that the max.deviation is ± 1.5 KHZ.

TX ADJUSTMENT SET-UP

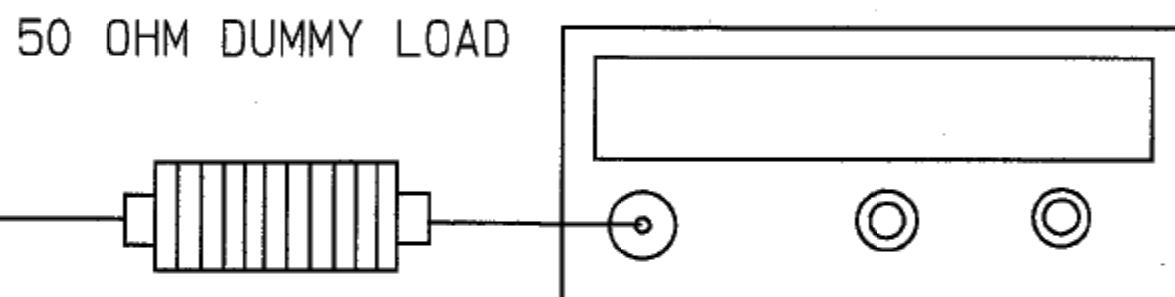
DC POWER SUPPLY



POWER METER



225MHZ FREQUENCY COUNTER



TP 1

