

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 X'TAL element(CH74,75.670MHZ) 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(CH74,75.6685MHZ)
- ③Set the switch 1 to the position "2". Then adjust VR2 so that the frequency counter reading is +1.5KHZ(CH74,75.6715MHZ)
- ④Repeat procedure ②,③ ,so that the max.deviation is ± 1.5 KHZ.

TX ADJUSTMENT SET-UP

DC POWER SUPPLY

POWER METER

225MHZ FREQUENCY COUNTER

