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(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 ±1.5KHZ.

TX ADJUSTMENT SET-UP