

ADJUSTMENT PROCEDURES

1. Transmitter Power Adjustment

- Adjust the DC power supply so that 9.0V is obtained at the battery terminals. Confirm that the power meter, dummy load and output tester are prepared.
- Turn the power on and mount a JT element (16.6416MHz) into the crystal on the PCB board.
- Adjust T2, T3, L3, L4, L5 in this order so that the power meter reading become maximum.
- Repeat procedure c several times. The RF power meter reading should be more than 0.001W when the power is on and at a normal temperature. Then check the current meter reading should be less than 35mA.

2. Transmission Deviation Adjustment

- Set up the unit for the transmission mode.
- Adjust T1 so that the frequency counter reading is 199.5 MHz
- So that the maximum deviation is ± 5 KHz Adjustment setup block diagram

