

ADJUSTMENT PROCEDURES

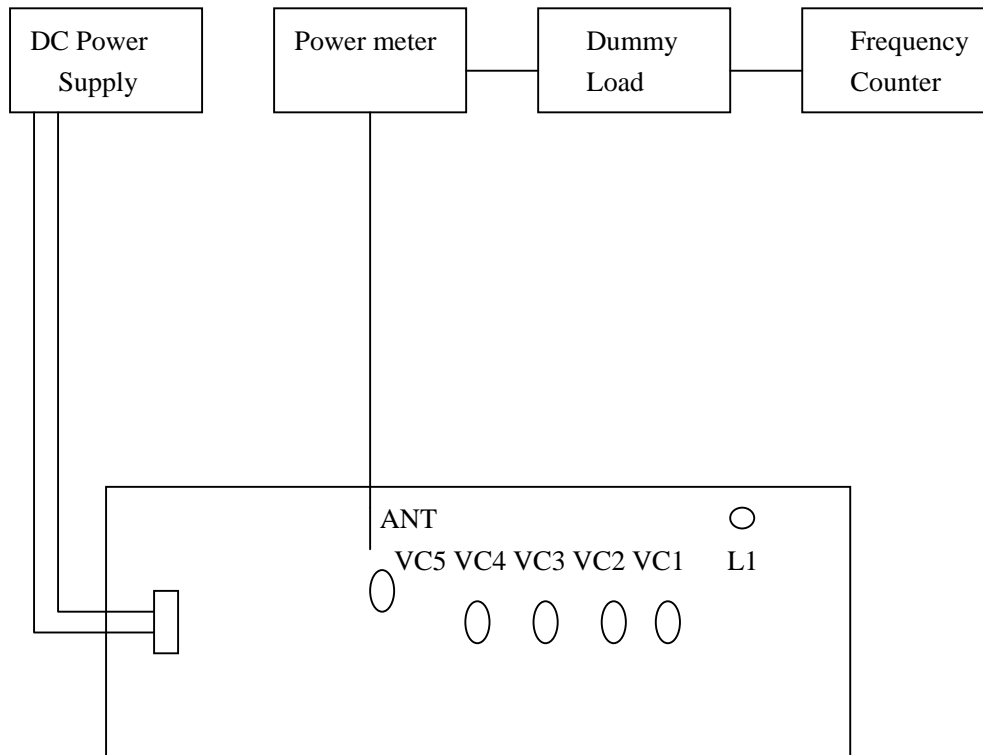
1. Transmitter Power Adjustment

- a). 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.
- b). Turn the power on and mount a X1 element (20.9211MHz) into the crystal on the PCB board.
- c). Adjust VC1, VC2, VC3, VC4, VC5 in this order so that the power meter reading become maximum.
- d). 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 60mA.

2. Transmission Deviation Adjustment

- a). Set up the unit for the transmission mode.
- b). Adjust L1 so that the frequency counter reading is 30 KHz
- c). So that the maximum deviation is ± 30 KHz Adjustment setup block diagram

ADJUSTMENT SETUP BLOCK DIAGRAM



NOTE: The elements illustrated above are solely for explaining the adjustment procedure.