

Tune-Up Procedure

1. Input power to this device and check the voltage and the current consumption : $9V \pm 1V$, 20-25mA
2. After connecting the Antenna terminal to Spectrum Analyzer, adjust TC2 and then TC1 for maximum power of the fundamental frequency and minimum power of the spurious frequency.
3. Adjust L4 and L3 for minimum power of spurious frequency.
4. Turn the core of L2 counterclockwise to adjust the level of RF output power from low to high.
5. Connect the Antenna terminal to Frequency Counter and then adjust L1 for the proper frequency.
6. Apply 0dBm of audio at 1kHz to the terminal of this device with Audio Signal Generator and adjust VR1 to modulate to 15kHz.
7. Measure current consumption, output power and other datas and then record them. After passing for proper regulations, conduct production and labeling.