

9. Tune-up procedure

Ref: FCC Part 2 paragraph 2.1033 (c) (9)

1. Connect the transceiver to be aligned to a DC power source. A DC current meter capable of measuring at least 2.5 Amps should be connected in line with the DC source. Connect the output of the transceiver through a watt meter and into a 50 ohm dummy load.
2. Load the synthesizer with the center channel frequency.
3. Key the transmitter and make sure that the supply voltage at the RF board is 13.3 VDC. (Do not transmit for extended periods of time).
4. Adjust PwrSet R525 potentiometer clockwise for 5.0 Watts of output power.
5. Check the power levels on the low and the high frequencies for 5.0 Watts +/- 1 Watt.