

## TRANSMITTER

- ( ) Plug the previously prepared 50  $\Omega$  dummy load into the ANTENNA socket on the back of the Transceiver. (This may already be connected to the Transceiver.)
- ( ) Connect the key to the KEY jack on the back of the Transceiver. (This also may already be connected to the Transceiver.)

NOTE: Use the alignment tool that you made from the nut starter and blade for all trimmer adjustments. DO NOT use a screwdriver.

- ( ) Turn the screws in trimmers C95, C99, C103, and C106 clockwise until they stop turning. Do not force the screws.
- ( ) Turn the screw in trimmer C95 1/2 turn counterclockwise.
- ( ) Turn the screw in trimmer C99 1/8 turn counterclockwise.
- ( ) Turn the screw in trimmer C103 1 turn counterclockwise.
- ( ) Turn the screw in trimmer C106 1/4 turn counterclockwise.
- ( ) Make sure the TUNING dial is set to 100.
- ( ) Press the 3.5 MHz pushbutton.
- ( ) Set the LOADING control on the front panel to the 12 o'clock position.

NOTE: In the following steps, the adjustments will be quite broad.

- ( ) Key the Transceiver and adjust trimmer C95 for a maximum reading on the RELATIVE POWER meter.
- ( ) Key the Transceiver and adjust the LOADING control on the front panel to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Repeat the previous two steps.

- ( ) Press the 7.0 MHz pushbutton.
- ( ) Set the LOADING control to the 12 o'clock position.
- ( ) Key the Transceiver and adjust trimmer C99 to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Key the Transceiver and adjust the LOADING control on the front panel to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Repeat the previous two steps.
- ( ) Press the 14.0 MHz pushbutton.
- ( ) Set the LOADING control to the 12 o'clock position.
- ( ) Key the Transceiver and adjust trimmer C103 to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Key the Transceiver and adjust the LOADING control to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Repeat the previous two steps.
- ( ) Press the 21.0 MHz pushbutton.
- ( ) Set the LOADING control to the 12:00 o'clock position.
- ( ) Key the Transceiver and adjust trimmer C106 to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Key the Transceiver and adjust the LOADING control to obtain a maximum reading on the RELATIVE POWER meter.
- ( ) Repeat the previous two steps.
- ( ) Turn the Transceiver off.
- ( ) Disconnect the key and dummy load from the Transceiver.