

TUNE UP PROCEDURE

All necessary tuning is performed before the PA is shipped.

The following power adjustment procedure is provided for reference or verification purpose:

- Connect the PA's input port to a RF source.
- Connect the PA's output port to a 50Ohm, 180W load.
- Connect the PA's DC input to a DC supply. Turn the supply on and Set for 26V @ 20A.
- Adjust R48, power adjust pot, on the control board for 3V.
- Apply a RF signal between 869-894MHZ and set it to the appropriate amplitude.
- Adjust R3, input detector voltage pot, on the driver board. Set it for 1.5V.
- Adjust R79, forward detector pot, on the combiner board for 180W at the output. Measure its resistance at the center pin.
- Adjust R80, reverse detector pot, on the combiner board. Monitor its resistance at the center pin. Set it to the same resistance value as of R79.