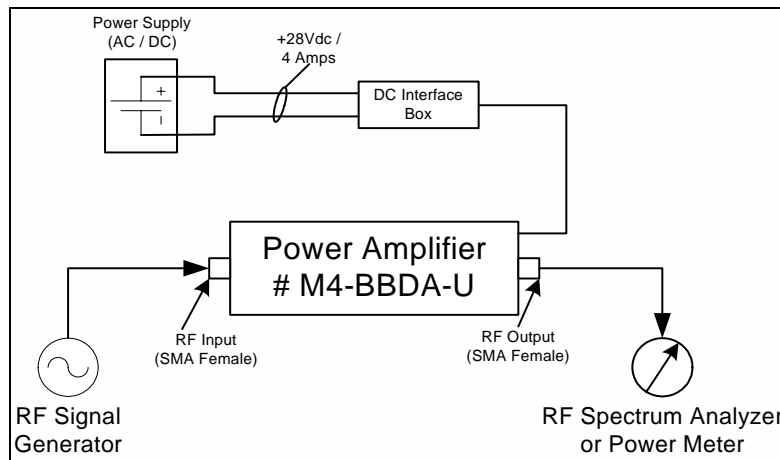


MARK IV - Power Amplifier Model # M4-BBDA-U Tune-Up Procedure

There are no Operating Controls or Indicators on Canam's Mark IV High Power Amplifier model # M4-BBDA-U. This procedure is simply a performance check.

1. Verify that all Input and Output cables are properly connected to the amplifier as depicted below.



2. Connect the DC Interface Box to the Power Amplifier.
3. Connect the signal generator, at a drive level of 0 dBm, to the RF Input connector and a RF Power meter to the RF Output connector



Excessive input power may damage the amplifier.

4. Connect and Turn on the DC Power Supply that will provide the +28Vdc to the Power Amplifier.



Before Applying DC Power, ensure that the Input and the Output of the Amplifier are properly terminated.

5. Apply the nominal RF drive level at a few points across the band of 400 to 512 MHz.



Do not operate the Power Amplifier without a load attached.

6. The RF output power should be within the specified range and supply current shall be 2 amps or less.