

# Set-Up Checklist

## Document Revision Information

Ver	Date	Amendment	Author
1.0	23.05.31	Initial Release	김기원

## RRP291K0-10 Setup Instructions S-Band 1kW SSPA

Follow the stated setup instructions below when turning on the device. RFHIC will not be responsible for any damage caused by inappropriate use by the customer. It is the customer's responsibility to set up and follow the guided instructions provided by RFHIC.

Steps	Checklist
1.	Verify all power supplies are turned off.
2.	Connect the bias cables. (Shutdown / On/Off Control / +12V / GND / +50V...)
3.	Adjust the +50V (Pin No. A2&A3) bias power supplies to +50V and turn it on.
4.	Adjust the +12V (Pin No. 6) bias power supplies to +12V and turn it on.
5.	Adjust the Shutdown (Pin No. 4) bias power supplies to 0V and turn it on.
6.	Adjust the On/Off Control (Pin No. 5) bias power supplies to 0V and turn it on.
7.	Turn on the RF Signal to operate the SSPA
8.	To shut down the circuit: Turn off the RF test signal. Turn off the On/Off Control supply and last turn off the Shutdown, +12V, +50V supplies.  <i>*When turning the system off, it is recommended to turn it off in reverse order starting from step 7.</i>

\*Shutdown : TTL Low(0V) : PA ON, TTL High(+5V) : PA OFF

\*On/Off Control : TTL Low(0V) : PA ON, TTL High(+5V) : PA OFF