



I have build your PA with your PCB, but I run into some problems. The provided output match has a maximum at 2.1GHz and falls down -13 dB to 2.4GHz. The design looks like the test circuit for 2.1Ghz from the datasheet. I was able to get a much better match for 2.4GHz by changing the existing ATC caps.

Your PTT need DC from the input. I have changed it to external.

You have covered the backside of the board with solder mask. It has has a thick one. I have scratched off most of the solder mask to get a better thermal contact to the heat sink.

With this modification i get nice 16W at 2.4 GHz.