Notes on power amplifiers:

I have been collecting some info on possible external amplifiers for the transceiver. So far, I have downloaded data sheets for four different amps. My favorite thus far is the PGA-102+. Below I list some reasons why:

1) 3.3V operation

2) 50MHz to 6GHz operation

3) About 30dBm output IP3 at 3.3V

Note: We may want to consider making the amp switchable so that it only draws max power if the signal is week.