

Receiver Board Testing

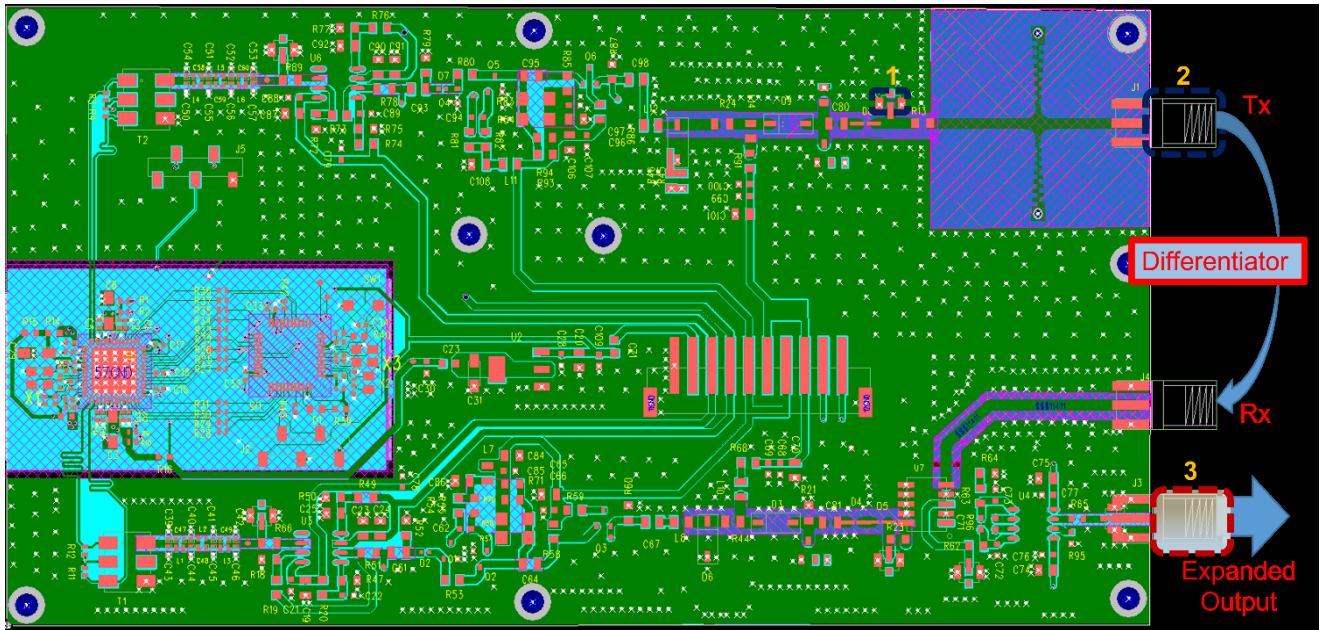
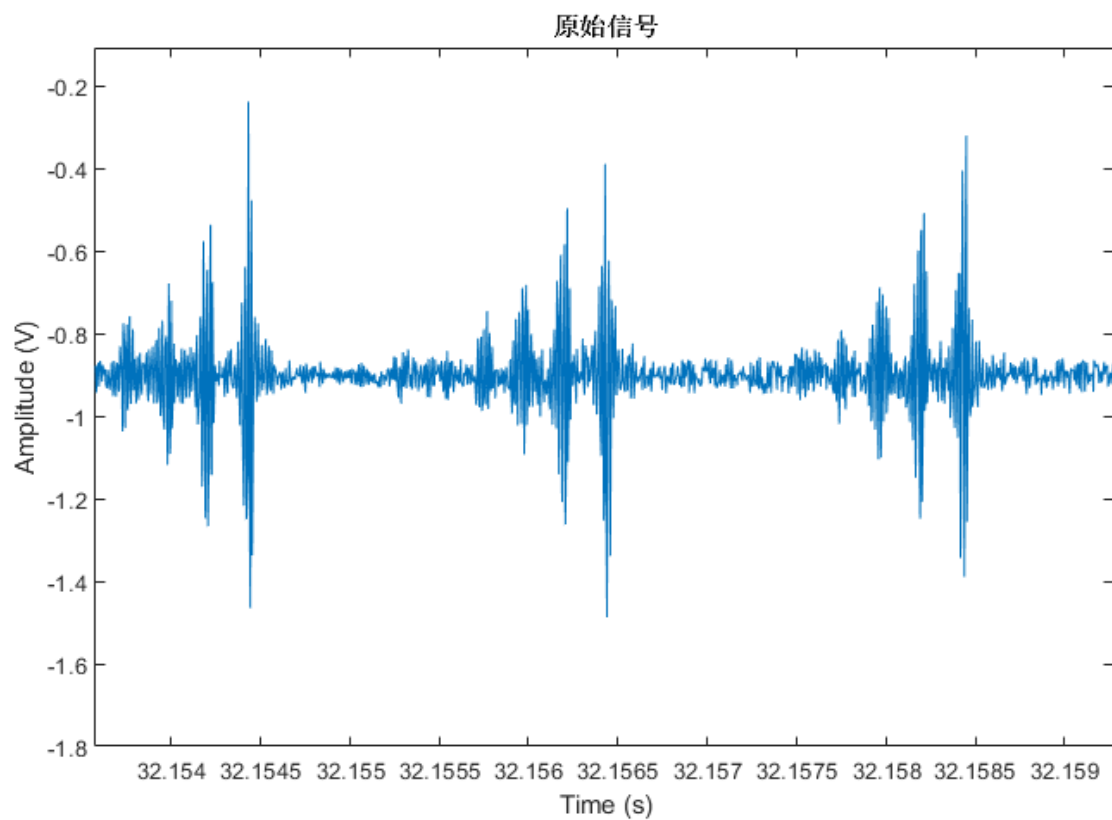
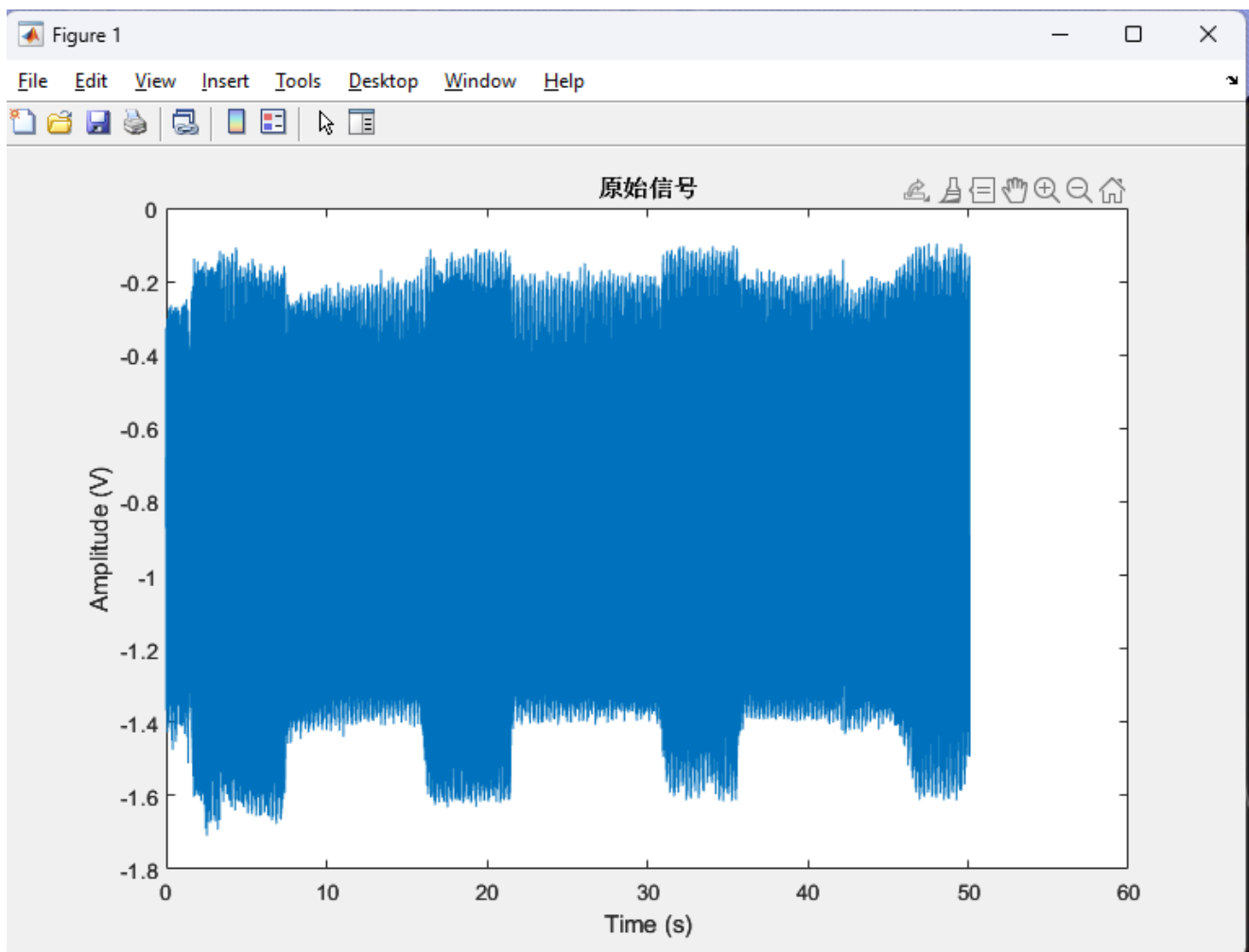


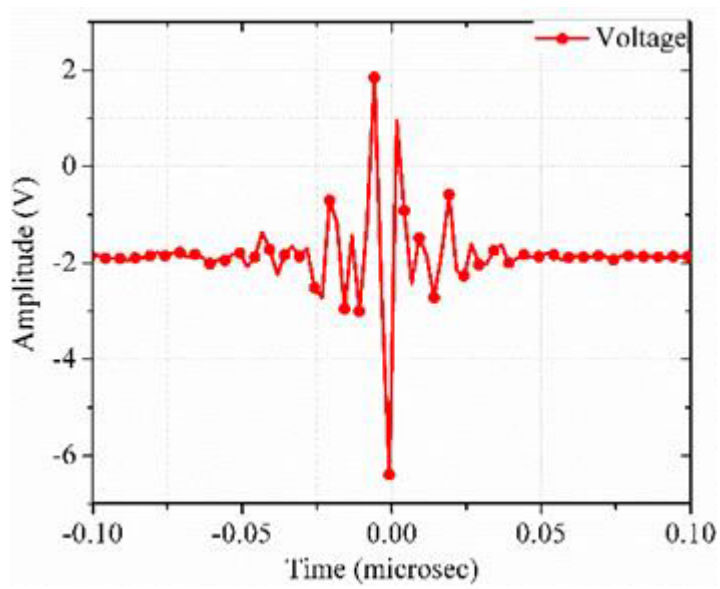
Fig 1. Reference Schematic

We used a 200kHz DAC to test Expanded Signal, using a metal plate to move back and forth in front of the antenna.

Expanded Output Records



Pulse width is 0.002 sec, as same as the expected ones:



But the pulse shape is not alike. Our pulse shape have some waves before major impulse.