



Full Duplex Digital Cancellation

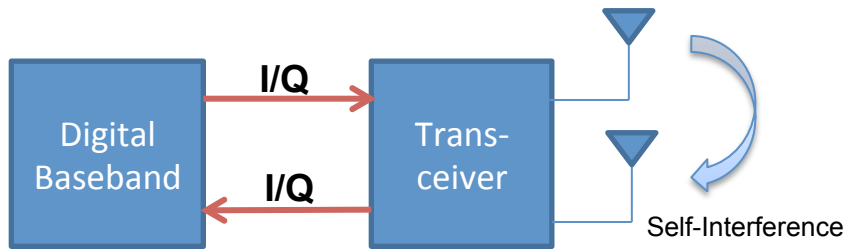


Fig 1. Transceiver architecture with its self-interference for full-duplex radio.

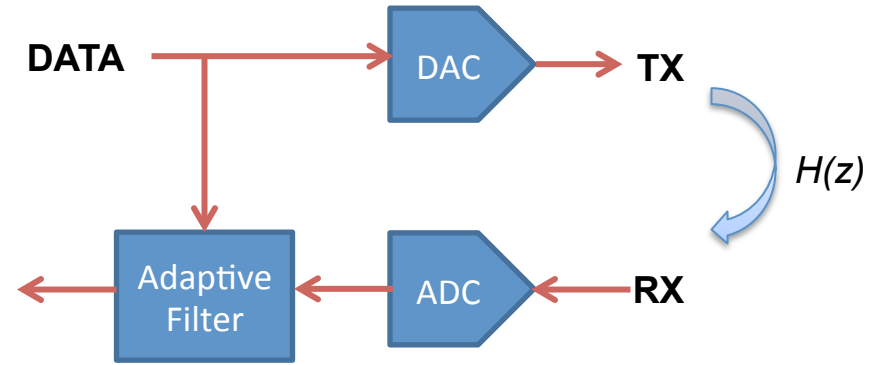


Fig 2. Adaptive filter generates its coefficients as close as possible to $H(z)$ based on LMS algorithm with the received signal and the reference data signal.

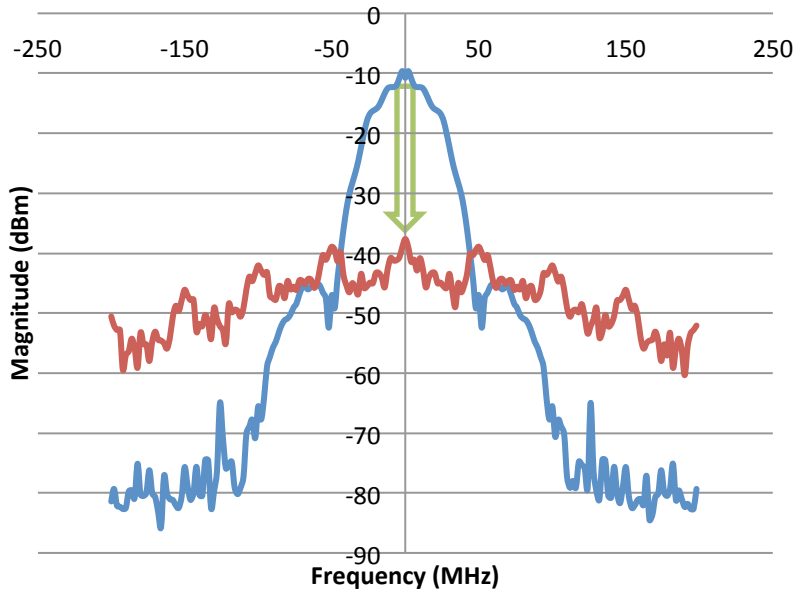


Fig 3. Spectrum analysis before/after digital cancellation in the baseband.

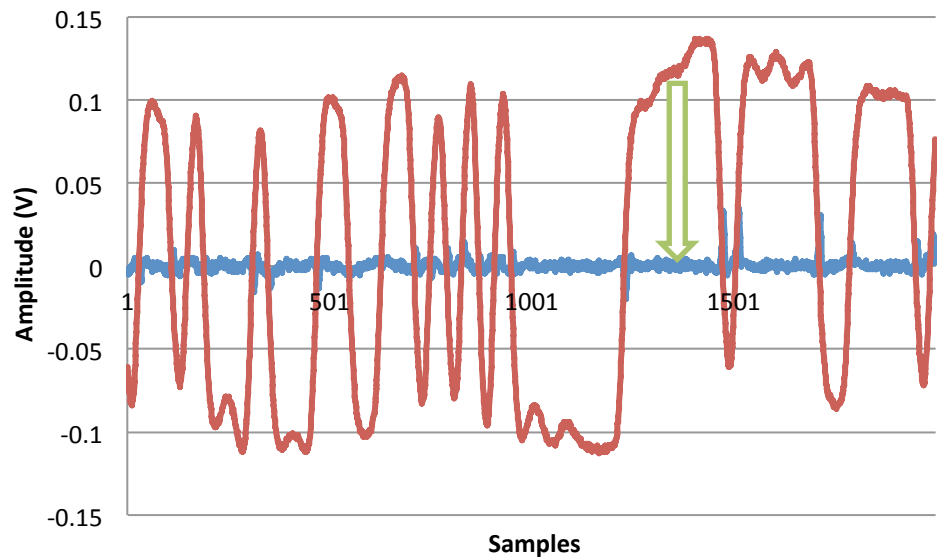


Fig 4. Time domain analysis before/after digital cancellation in the baseband.