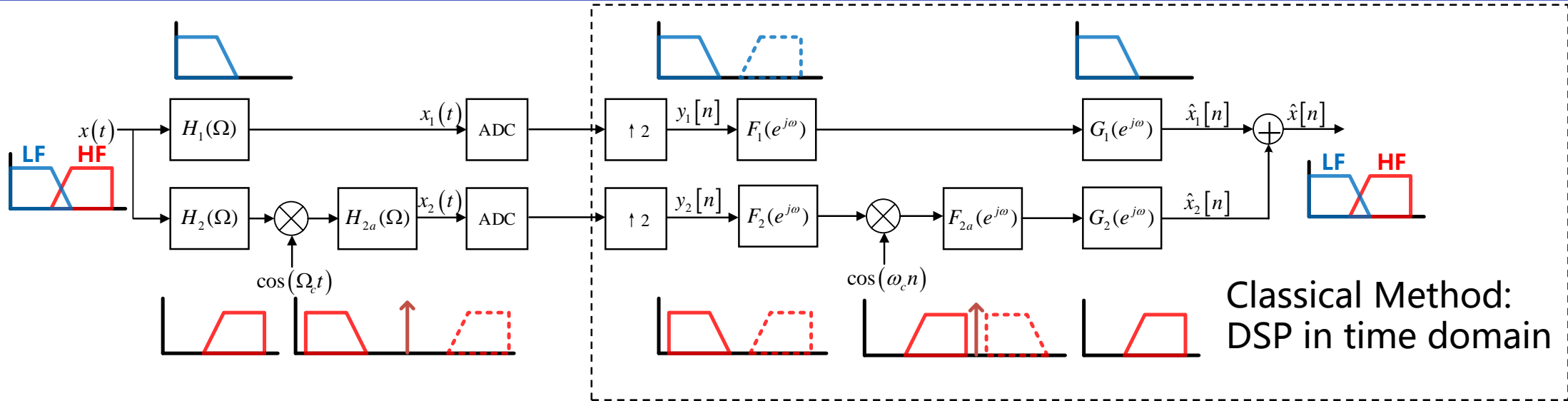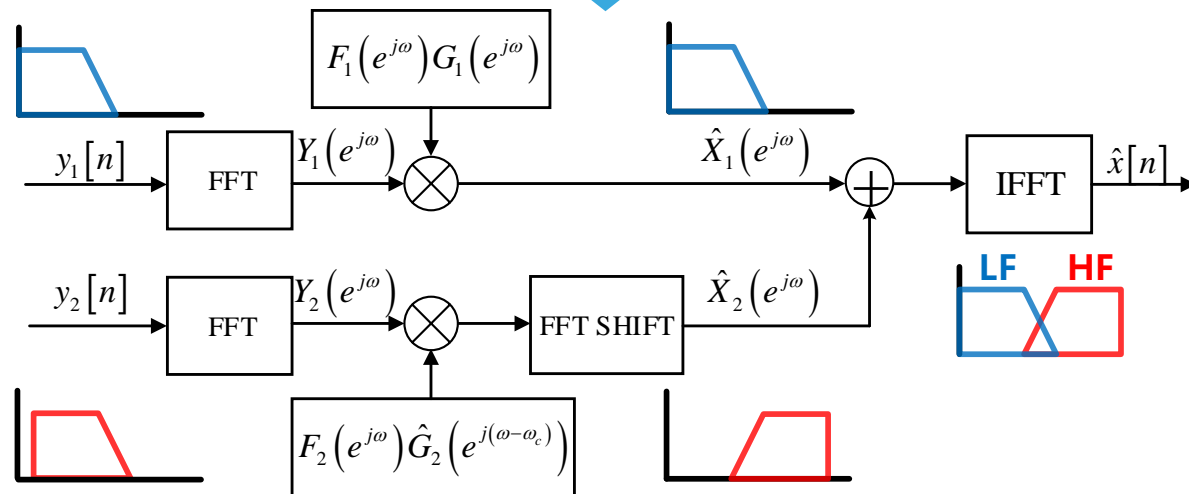# An Efficient Waveform Reconstruction Method for Digital Bandwidth Interleaving Sampling System
Yubo Ma
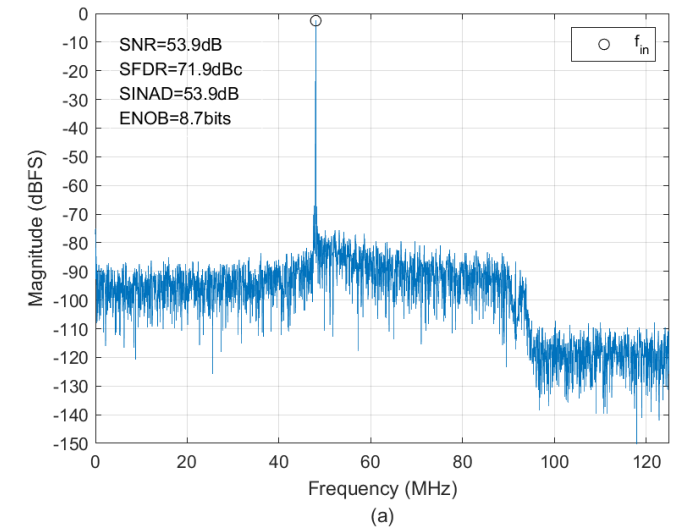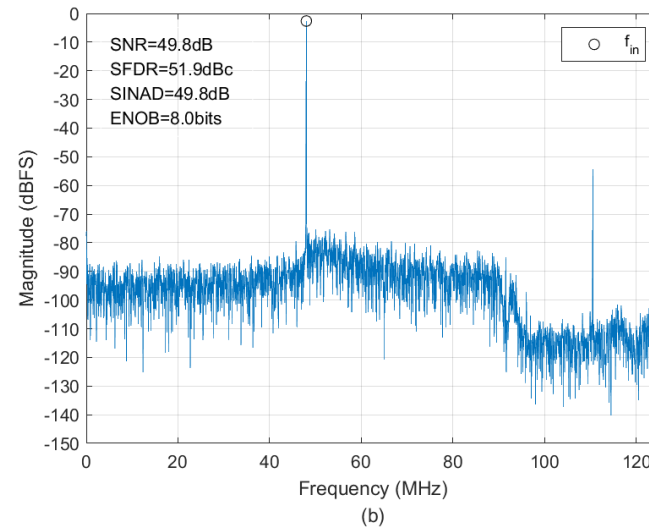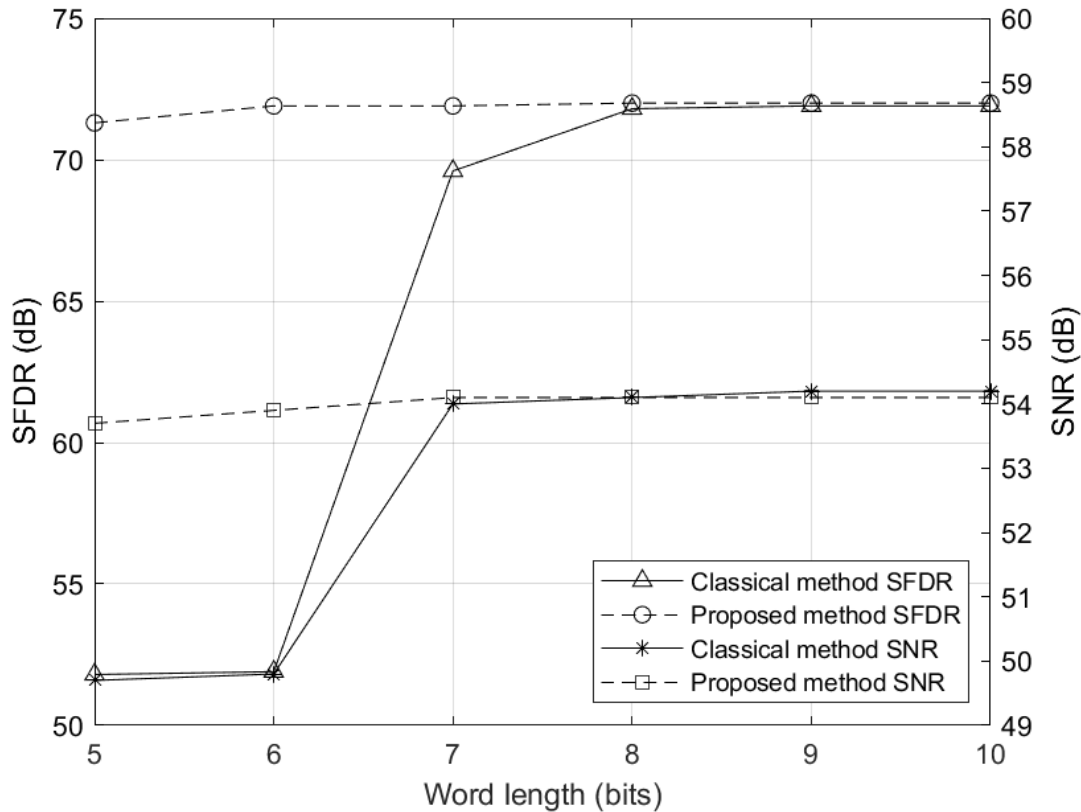
- DSP resource consumption reduced from 643 to 127 on kintex-7 fpga evaluation platform

- When the filter coefficient word length is 6 bits or even lower, the proposed method has higher SNR and SFDR than classical method