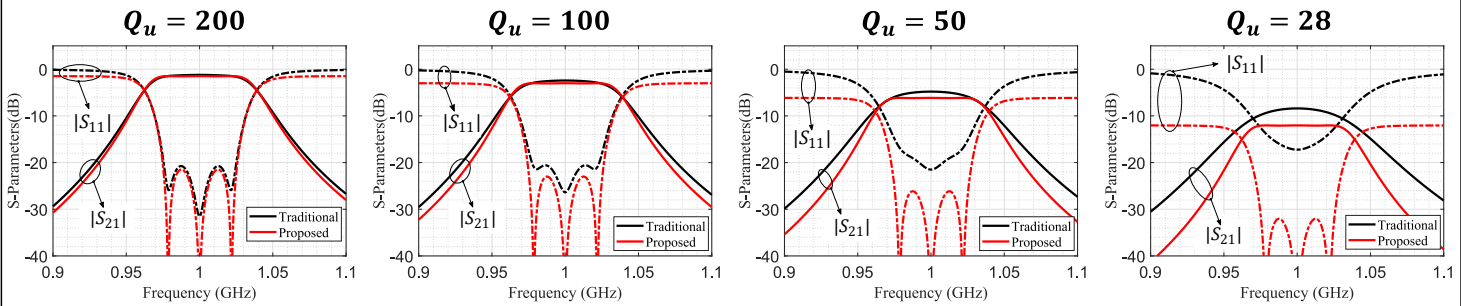
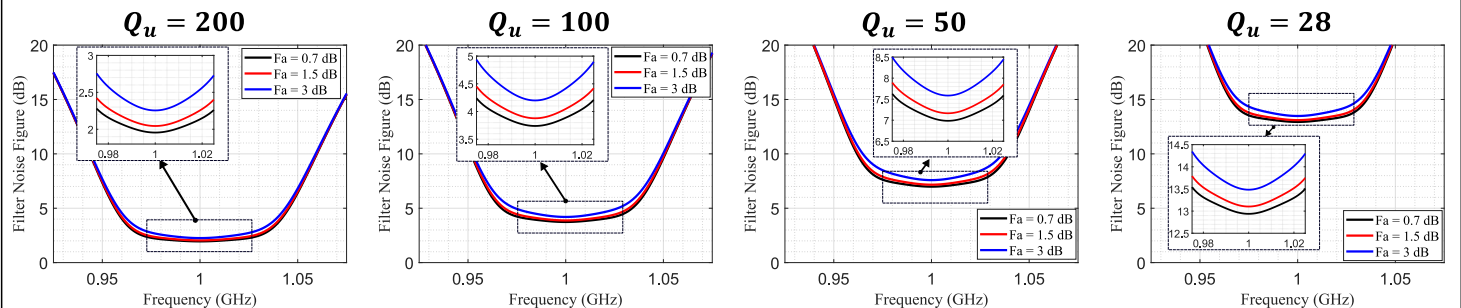


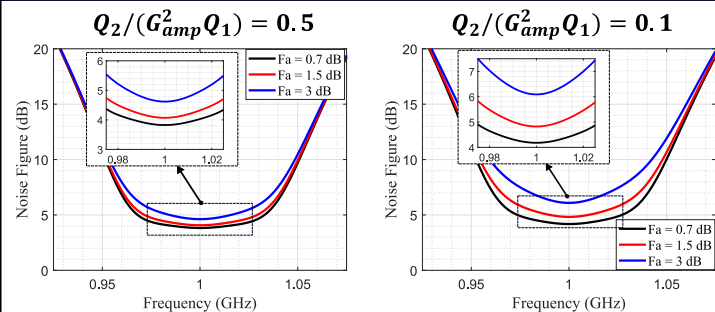
(a) Filter Response



(b) Noise Figure, $Q_2/(G_{amp}^2 Q_1) = 1$



(c) Noise Figure, $Q_u = 100$



(d) Noise Figure, $Q_u = 28$

