

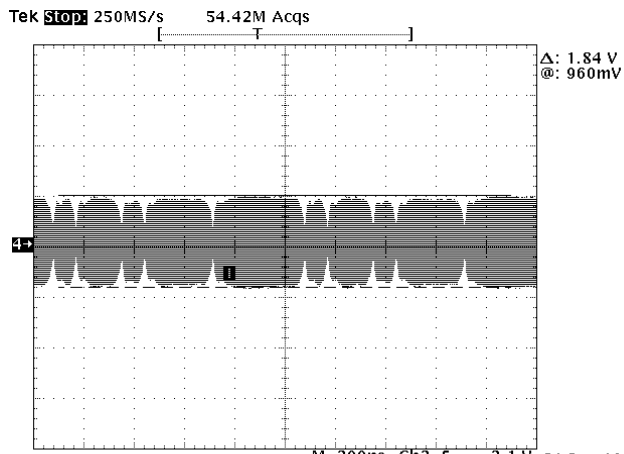
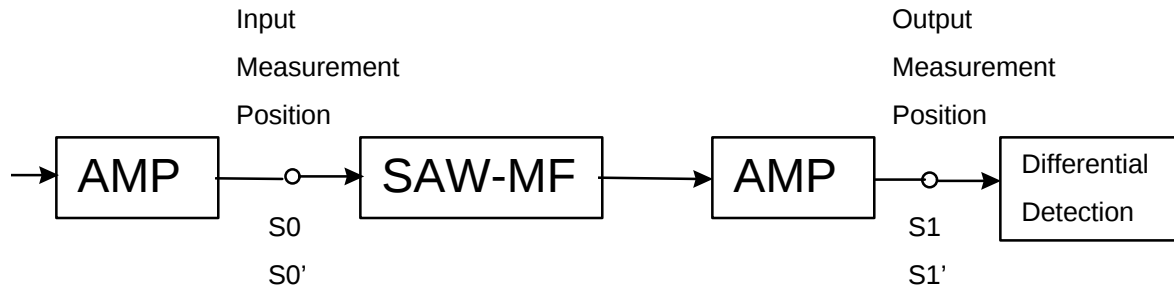


Fig.1 S0

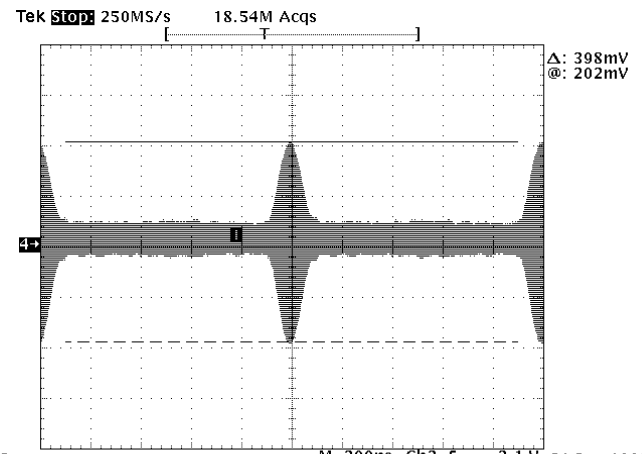


Fig.3 S1

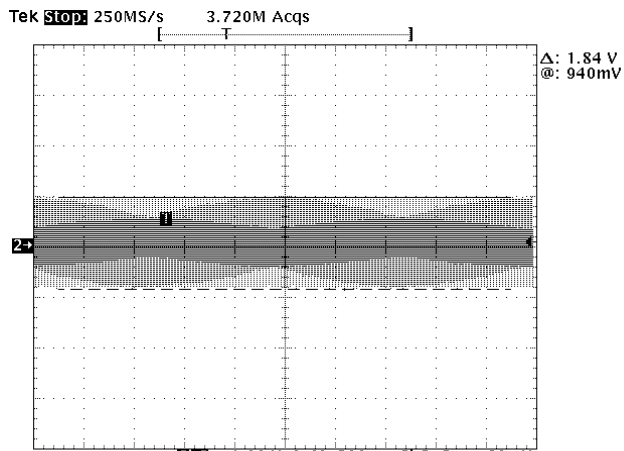


Fig.2 S0'

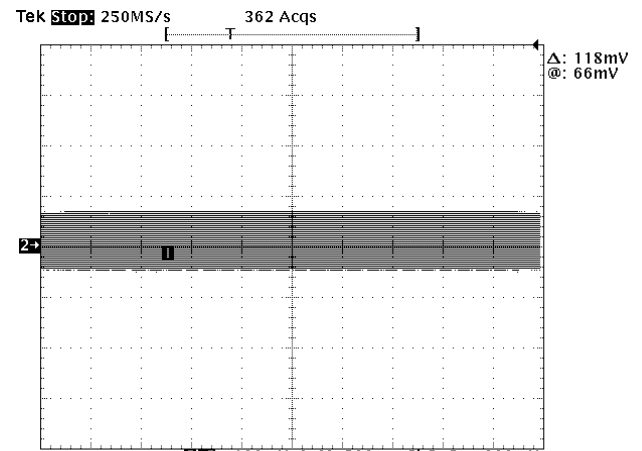


Fig.4 S1'

$G_p = 20 \log(S1/S1') = 20 \log(398/118) = 10.4 \text{ dB} > 10 \text{ dB}$
 S1 : SAW-MF Output Signal (Barker Modulated)
 S1' : SAW-MF Output Signal (No Modulated)
 S0 : SAW-MF Input Signal (Barker Modulated)
 S0' : SAW-MF Input Signal (No Modulated)