ky=-0.146,ind=44,f1=0.487kHz,f2=7.531kHz,LfE=2,HfE=2

T1=2054.95μs, T2=132.79μs
$\mathbf{f_1} = 0.49kHz*(1\pm9.366e-02)$, $\mathbf{f_2} = 7.53kHz*(1\pm1.155e-02)$
τ1=2045.36μs*(1±5.312e-01), τ2=743.52μs*(1±1.678e-01)
a1=0.02*(1±3.018e-01), a2=0.04*(1±1.539e-01)
s0=0.62*(1±4.340e-03), t0=26.69*(1±2.147e-01), a0=0.20*(1±1.099e-01)
φ1=-0.50π*(1±2.022e-01), φ2=0.12π*(1±5.585e-01)

$$S = a_1 e^{-t^2/\tau_1^2}\cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2}\cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$