ky=-0.534,ind=24,f1=0.957kHz,f2=5.894kHz,LfE=2,HfE=2

T1=1044.52μs, T2=169.66μs
$\mathbf{f_1} = 0.96kHz*(1\pm1.523e-01)$, $\mathbf{f_2} = 5.89kHz*(1\pm9.421e-02)$
τ1=589.12μs*(1±1.260e-01), τ2=76.16μs*(1±1.083e-01)
a1=0.07*(1±3.041e-01), a2=0.16*(1±1.068e-01)
s0=0.32*(1±2.971e-02), t0=884.70*(1±2.686e-01), a0=0.17*(1±1.314e-01)
φ1=0.41π*(1±2.547e-01), φ2=-0.03π*(1±1.863e+00)

$$S=a_1e^{-t^2/\tau_1^2}\cos(2\pi f_1 t+\varphi_1) + a_2e^{-t^2/\tau_2^2}\cos(2\pi f_2 t+\varphi_2) + a_0e^{-t/\tau_0} + s_0$$