ky=-0.650,ind=18,f1=1.042kHz,f2=5.619kHz,LfE=2,HfE=2

T1=959.42μs, T2=177.96μs
$\mathbf{f_1} = 1.04kHz*(1\pm3.254e-02)$, $\mathbf{f_2} = 5.62kHz*(1\pm1.084e-01)$
τ1=1244.23μs*(1±1.098e-01), τ2=65.15μs*(1±1.070e-01)
a1=0.04*(1±1.269e-01), a2=0.20*(1±7.293e-02)
s0=0.22*(1±4.469e-02), t0=1019.76*(1±2.045e-01), a0=0.14*(1±4.096e-02)
φ1=0.32π*(1±1.488e-01), φ2=-0.11π*(1±4.993e-01)

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