ky=0.592,ind=82,f1=1.026kHz,f2=5.642kHz,LfE=2,HfE=2

T1=974.45µs, T2=177.24µs
$\mathbf{f_1}$ = 1.03$kHz*(1\pm7.430e-02)$, $\mathbf{f_2}$ = 5.64$kHz*(1\pm7.288e-02)$
τ1=840.31µs*(1±1.051e-01), τ2=81.30µs*(1±8.564e-02)
a1=0.05*(1±1.736e-01), a2=0.20*(1±7.833e-02)
s0=0.21*(1±3.609e-02), t0=826.61*(1±1.980e-01), a0=0.16*(1±7.239e-02)
φ1=0.29π*(1±2.850e-01), φ2=-0.07π*(1±5.490e-01)

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