ky=-0.689,ind=16,f1=1.106kHz,f2=5.385kHz,LfE=2,HfE=2

T1=904.45μs, T2=185.70μs
$\mathbf{f_1} = 1.11kHz*(1\pm3.491e-02)$, $\mathbf{f_2} = 5.39kHz*(1\pm1.022e-01)$
τ1=1188.88μs*(1±1.059e-01), τ2=74.23μs*(1±9.082e-02)
a1=0.04*(1±1.226e-01), a2=0.20*(1±6.853e-02)
s0=0.19*(1±4.852e-02), t0=1020.16*(1±1.888e-01), a0=0.15*(1±4.013e-02)
φ1=0.20π*(1±2.747e-01), φ2=-0.07π*(1±8.052e-01)

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