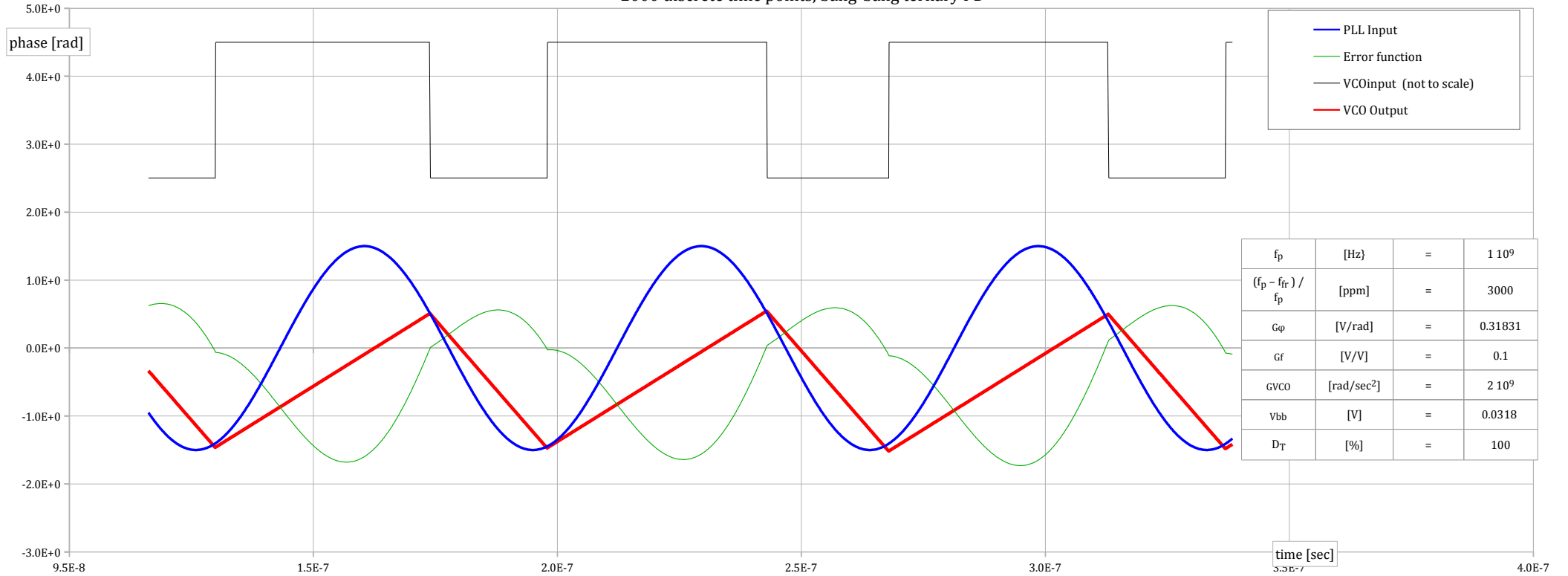


Tracking in full slewing of the 1st order type 1 PLL
 2000 discrete time points, bang-bang ternary PD



f_p	[Hz]	=	1 10 ⁹
$(f_p - f_{tr}) / f_p$	[ppm]	=	3000
G_ϕ	[V/rad]	=	0.31831
G_f	[V/V]	=	0.1
g_{VCO}	[rad/sec ²]	=	2 10 ⁹
v_{bb}	[V]	=	0.0318
D_T	[%]	=	100