Reference Oscillator
Amp = 1 v
Freq = 200e+3 Hz
Phase = 0 deg

Charge Pump
modeled as moving window average

Loop Filter
1 Sections
Quant Bits = None
Num1 = (160.e-6)s+1
Den1 = (160.e-6)s

VCO
Amp = 707.1e-3 v
Freq = 187.5e+3 Hz
Phase = 0 deg
Mod Gain = 643 Hz/v

Max Rate (Port 0) = 40e+6 Hz
(Token 2)

PFD model:
D flip-flop with NAND reset