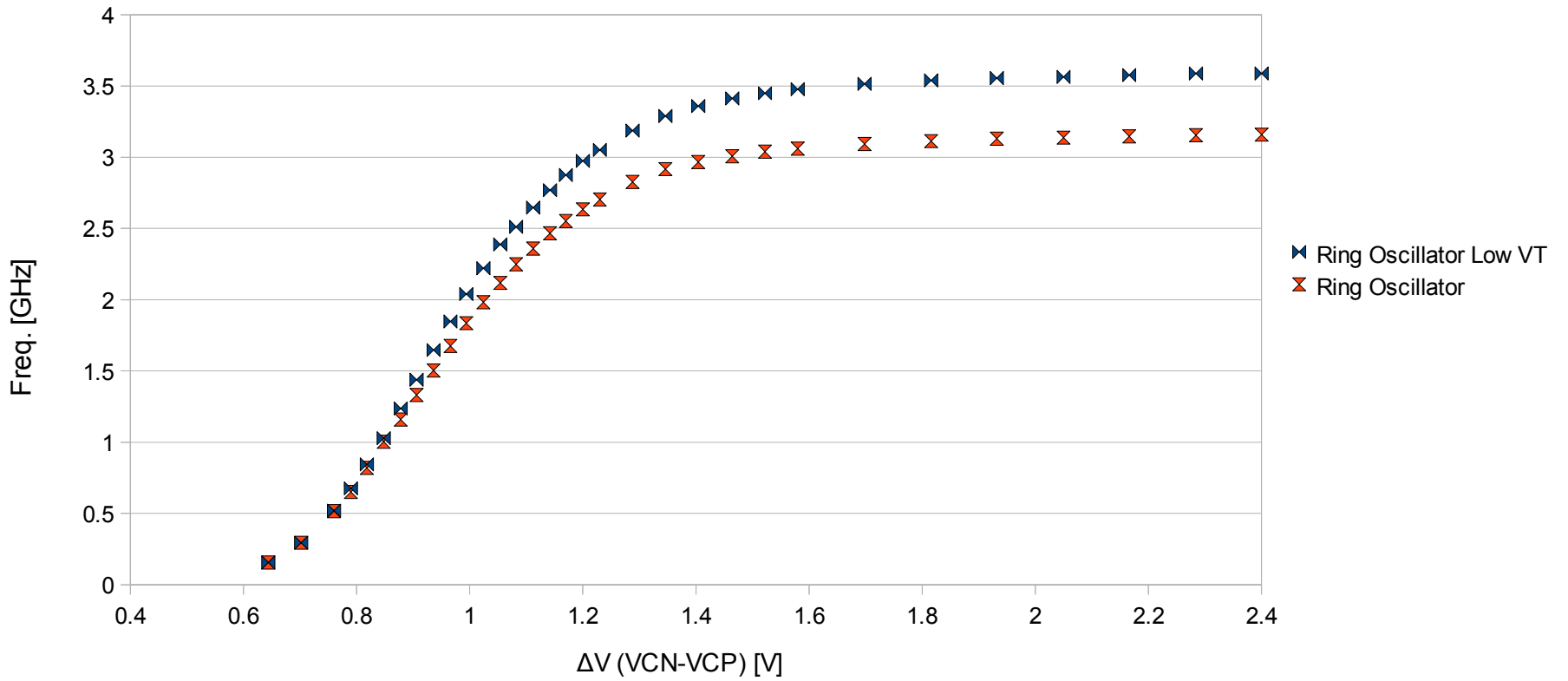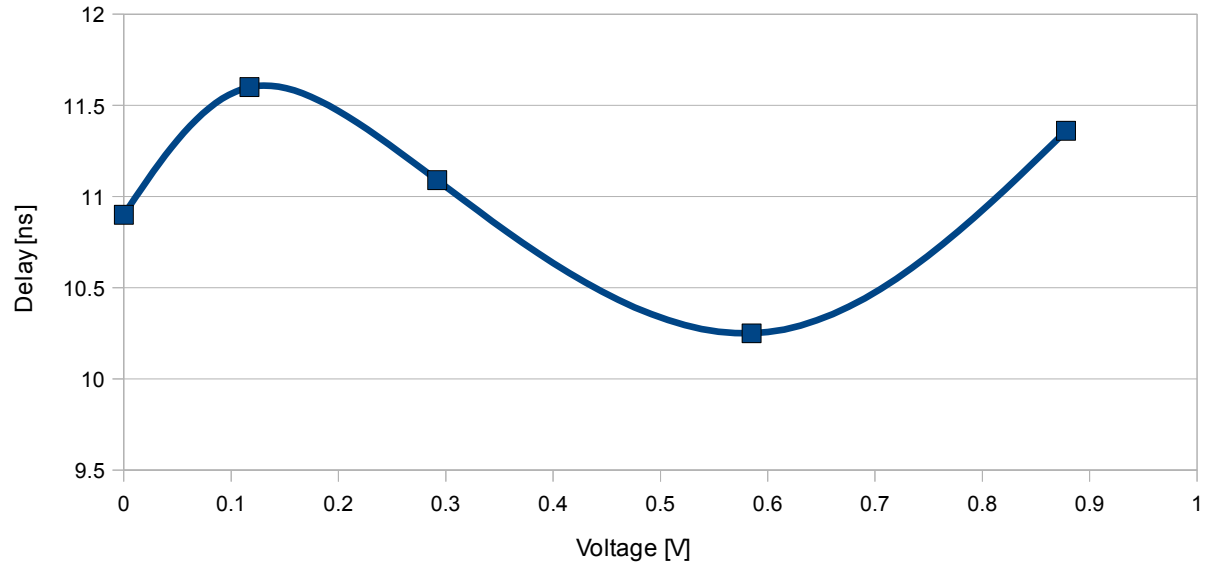Ring Oscillators
Freq vs. delta V (VCN-VCP)
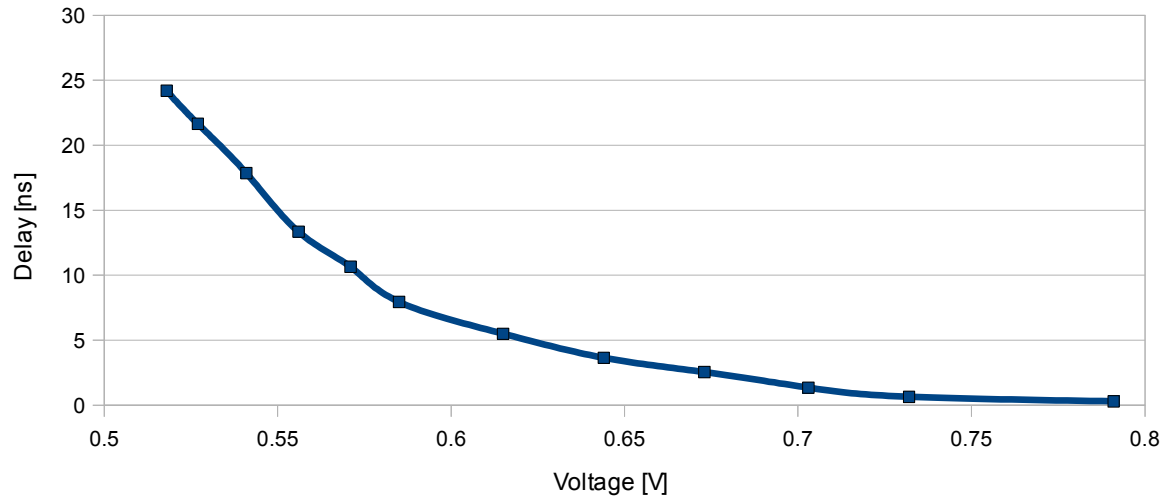
Below voltage differences of 640mV the output does not behave reliably

VCDLOUT1 vs Delay

VCDLOUT2 vs Delay

For voltages below .515 V there was no measurable output.
For voltages above .8 V the scope included an extra clock cycle in the delay